

DEUTSCHE AKADEMIE DER WISSENSCHAFTEN ZU BERLIN

Veröffentlichungen des Institutes  
für Bodendynamik und Erdbebenforschung in Jena

Herausgegeben vom Direktor i. V. Dr. habil. W. Sponheuer

Heft 75

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# Seismische Registrierungen

der Nebenstationen von Jena

Potsdam, Halle, Plauen und Sonneberg

1960

Von

Friedrich Gerecke

und

Dorothea GÜth



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AKADEMIE-VERLAG · BERLIN

1964



## VORWORT

Mit vorliegendem Heft 75 wird die Veröffentlichung der seismischen Registrierungen der Nebenstationen von Jena für 1960 fortgesetzt. Es sind dies die Stationen Potsdam, Halle, Plauen und Sonneberg.

Die Zusammenstellung des Heftes und die Bearbeitung der Seismogramme erfolgte durch die wissenschaftliche Assistentin Dipl.-Geophys. D. Gütth. Für die Station Halle wurde die Auswertung der Registrierungen von Fräulein Dr. habil. G. Richter übernommen.

W. Sponheuer



## INHALTSVERZEICHNIS

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## Vorbemerkungen zur Auswertung der Seismogramme

Für die vorliegende Bearbeitung wurde die international eingeführte Symbolik verwendet. Es bedeutet:

- P, Pn = Normaler longitudinaler, direkter Vorläufer
  - Pg = Individueller, longitudinaler Vorläufer nach Mohorovičić
  - PKP, SKS = Direkte Kernwelle in großen Herdentfernungen
  - PP, PPP = An der Oberfläche reflektierte Wellen mit gleichbleibendem Charakter
  - pP und sP = In der Herdnähe an der Erdoberfläche reflektierte Wellen
  - S, Sn, Sg = Transversale Vorläufer, wie oben
  - SS, SSS = Reflektierte Transversalwellen mit gleichbleibendem Charakter
  - PcP, PcS, ScS = Am Kern reflektierte Wellen mit gleichbleibendem oder wechselndem Charakter
  - PS oder SP = Wechselwellen
  - L = Beginn der Hauptphase
  - G = Perioden größer als 40 s
  - M<sub>n</sub> = Maxima innerhalb der Hauptphase
  - C = Periode der Nachläuferwellen
  - F = Ende der Bebenregistrierung
  - i = Scharfer Einsatz (impetus)
  - e = Auftauchen der Bewegung (emersio)
  - T = Periode der Bodenbewegung
  - A = Amplitude in Mikron ( $1 \mu\text{m} = 1/1000 \text{ mm}$ ), von der Nulllinie aus gerechnet
  - $\Delta$  = Epizentralentfernung
  - h = Herdtiefe
  - Zeit = Mittlere Greenwich-Zeit, von Mitternacht zu Mitternacht gezählt
  - USCGS = US Coast and Geodetic Survey, Washington
  - BCIS = Bureau Central International de Séismologie
- Runde Klammern zeigen Unsicherheit in der Deutung der Phasen, Zeitangaben und Entfernung an.

D. Güth



## Seismische Station Potsdam

Meereshöhe: 80 m

Länge:  $\lambda = 13^\circ 4,1' \text{ E}$

Untergrund: Sand (diluviale Ablagerungen)

Breite:  $\varphi = 52^\circ 22,8' \text{ N}$

### Instrumente und Konstanten 1960

#### 1. Halbjahr

|                      |    | $T_0$  | V      | $\epsilon:1$ | $r/T_0^2$      |
|----------------------|----|--------|--------|--------------|----------------|
| Wiechert 1000 kg     | NS | 7.1 s  | 270    | 2.6          | 0.008          |
| Wiechert 1000 kg     | EW | 8.0 s  | 250    | 4.5          | 0.010          |
|                      |    | $T_S$  | $T_G$  | $\mu^2$      | $V_{\max}$     |
| Golicyn-Wilip 4.5 kg | NS | 13.6 s | 11.5 s | -0.1         | 1100 bei 7.2 s |
| Golicyn-Wilip 4.5 kg | EW | 11.3 s | 12.0 s | +0.08        | 760 bei 6.7 s  |
| Golicyn-Wilip 6.0 kg | Z  | 11.5 s | 11.4 s | -0.2         | 980 bei 6.7 s  |
|                      |    | $T_0$  | V      | $\epsilon:1$ |                |
| Krumbach 4 kg        | NS | 2.2 s  | 670    | 7.0          |                |
| Krumbach 4 kg        | EW | 2.4 s  | 700    | 4.5          |                |
|                      |    | $T_S$  | $T_G$  | $\mu^2$      | $V_{\max}$     |
| Krumbach 0.5 kg      | Z  | 2.0 s  | 2.0 s  | +0.06        | 1150 bei 1.2 s |

#### 2. Halbjahr

|                      |    | $T_0$  | V      | $\epsilon:1$ | $r/T_0^2$      |
|----------------------|----|--------|--------|--------------|----------------|
| Wiechert 1000 kg     | NS | 7.2 s  | 330    | 2.6          | 0.011          |
| Wiechert 1000 kg     | EW | 8.2 s  | 340    | 4.9          | 0.012          |
|                      |    | $T_S$  | $T_G$  | $\mu^2$      | $V_{\max}$     |
| Golicyn-Wilip 4.5 kg | NS | 13.6 s | 11.5 s | -0.1         | 1100 bei 7.2 s |
| Golicyn-Wilip 4.5 kg | EW | 11.3 s | 12.0 s | +0.08        | 760 bei 6.7 s  |
| Golicyn-Wilip 6.0 kg | Z  | 11.5 s | 11.4 s | -0.2         | 980 bei 6.7 s  |
|                      |    | $T_0$  | V      | $\epsilon:1$ |                |
| Krumbach 4 kg        | NS | 2.2 s  | 670    | 7.0          |                |
| Krumbach 4 kg        | EW | 2.4 s  | 700    | 4.5          |                |
|                      |    | $T_S$  | $T_G$  | $\mu^2$      | $V_{\max}$     |
| Krumbach 0.5 kg      | Z  | 2.0 s  | 2.0 s  | +0.06        | 1150 bei 1.2 s |

Die Amplitude der wahren Bodenbewegung wurde nach den Aufzeichnungen des Wiechert-1000-kg-Pendels berechnet.



| Datum         | Komp. | Phase | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen   |
|---------------|-------|-------|-----|----|----|---------------------------|-------------------------|----------------|----------------|----------------|---|
|               |       |       | b   | m  | s  |                           | A <sub>H</sub>          | A <sub>M</sub> | A <sub>S</sub> |                |   |
| <u>Januar</u> |       |       |     |    |    |                           |                         |                |                |                |   |
| 3. Jan.       | Z     | eP    | 11  | 32 | 38 |                           |                         |                |                |                |   |
| • I           |       | F     | 12  | 00 |    |                           |                         |                |                |                |   |
| 3. Jan.       | ZN    | eP    | 20  | 22 | 33 |                           |                         |                |                |                |   |
| • II          | E     | e     |     | 22 | 38 |                           |                         |                |                |                |   |
|               | Z     | e     |     | 22 | 47 |                           |                         |                |                |                |   |
|               | ZNE   | e(S)  |     | 25 | 01 |                           |                         |                |                |                |   |
|               | ZNE   | e     |     | 25 | 15 |                           |                         |                |                |                |   |
|               |       | F     | 20  | 31 |    |                           |                         |                |                |                |   |
| 4. Jan.       | ZN    | eP    | 12  | 54 | 50 |                           |                         |                |                |                |   |
| •             | Z     | e     |     | 59 | 20 |                           |                         |                |                |                |   |
|               |       | F     | 13  | 08 |    |                           |                         |                |                |                |   |
| 6. Jan.       | ZNE   | e     | 15  | 20 | 45 |                           |                         |                |                |                | Nahbeben  |
|               |       | F     | 15  | 25 |    |                           |                         |                |                |                |   |
| 7. Jan.       | ZNE   | e     | 14  | 49 | 45 |                           |                         |                |                |                | Nahbeben  |
| I             |       | F     | 14  | 53 |    |                           |                         |                |                |                |   |
| 7. Jan.       | E     | e     | 16  | 56 | 51 |                           |                         |                |                |                | Nahbeben  |
| II            |       | F     | 17  | 00 |    |                           |                         |                |                |                |   |
| 7. Jan.       | Z     | eP    | 23  | 29 | 40 |                           |                         |                |                |                |   |
| • III         |       | F     | 24  | 01 |    |                           |                         |                |                |                |   |
| 8. Jan.       | Z     | ePKP  | 08  | 03 | 45 |                           |                         |                |                |                |   |
|               |       | F     | 08  | 05 |    |                           |                         |                |                |                |   |
| 9. Jan.       | ZNE   | eP    | 04  | 03 | 11 |                           |                         |                |                | 2250           | Herdgebiet<br>nach BCIS:<br>Südwest-<br>Türkei                                  |
| • I           | N     | e     |     | 03 | 25 |                           |                         |                |                |                |   |
|               | N     | e     |     | 03 | 36 |                           |                         |                |                |                |   |
|               | ZNE   | eS    |     | 06 | 52 |                           |                         |                |                |                |   |
|               |       | F     | 04  | 22 |    |                           |                         |                |                |                |   |
| 9. Jan.       | ZNE   | eP    | 07  | 31 | 40 |                           |                         |                |                | 4700           | h = ca.<br>150 km<br>Herdgebiet<br>nach USCGS:<br>Hindukusch<br>36° N,<br>69° E |
| • II          | N     | e     |     | 32 | 11 |                           |                         |                |                |                |   |
|               | Z     | epP   |     | 32 | 26 |                           |                         |                |                |                |   |
|               | N     | e     |     | 32 | 45 |                           |                         |                |                |                |   |
|               | E     | ePP   |     | 33 | 17 |                           |                         |                |                |                |   |
|               | N     | e     |     | 34 | 12 |                           |                         |                |                |                |   |
|               | ZE    | epPP  |     | 34 | 26 |                           |                         |                |                |                |   |
|               | N     | eS    |     | 37 | 32 |                           |                         |                |                |                |   |
|               | E     | e     |     | 41 | 15 |                           |                         |                |                |                |   |



| Datum           | Komp. | Phase          | MGZ |    |    | Periode<br>Ts | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|-----------------|-------|----------------|-----|----|----|---------------|-------------------------|----------------|----------------|---|-------------|
|                 |       |                | h   | m  | s  |               | A <sub>H</sub>          | A <sub>M</sub> | A <sub>S</sub> |   |             |
| noch<br>9. Jan. | N     | e              |     | 41 | 29 |               |                         |                |                |   |             |
| II              |       | F              | 08  | 00 |    |               |                         |                |                |   |             |
| 13. Jan.        | ZE    | eP             | 15  | 54 | 10 |               |                         |                | 11000          | h = ca.<br>200 km<br>Herdgebiet<br>nach USCGS:<br>Süd-Peru<br>16° S,<br>72° W |             |
|                 | N     | e              |     | 54 | 18 |               |                         |                |                |   |             |
|                 | E     | eSEK           | 16  | 04 | 41 |               |                         |                |                |   |             |
|                 | N     | eS             |     | 05 | 30 |               |                         |                |                |   |             |
|                 | Z     | ePS            |     | 06 | 48 |               |                         |                |                |   |             |
|                 | N     | e              |     | 10 | 52 |               |                         |                |                |   |             |
|                 | E     | eSS            |     | 12 | 27 |               |                         |                |                |   |             |
|                 |       | M <sub>1</sub> |     | 25 | 00 | 22-30         | 100                     | 80             |                |   |             |
|                 |       | M <sub>2</sub> |     | 37 | 00 | 22            | 40                      | 70             |                |   |             |
|                 |       | C              |     |    |    | 15-17         |                         |                |                |   |             |
|                 |       | F              | 18  | 40 |    |               |                         |                |                |   |             |
| 14. Jan.        | Z     | eP             | 10  | 38 | 02 |               |                         |                |                |   |             |
|                 |       | F              | 10  | 39 |    |               |                         |                |                |   |             |
| 15. Jan.        | Z     | eP             | 09  | 44 | 01 |               |                         |                | 11200          | Herdgebiet<br>nach USCGS:<br>Süd-Peru   |             |
|                 | Z     | eFP            |     | 48 | 06 |               |                         |                |                |   |             |
|                 |       | M <sub>1</sub> | 10  | 31 | 00 | 20            |                         |                |                |   |             |
|                 |       | M <sub>2</sub> |     | 32 | 00 | 18            | 12                      | 20             |                |   |             |
|                 |       | F              | 12  | 00 |    |               |                         |                |                |   |             |
| 16. Jan.        | Z     | eP             | 20  | 59 | 54 |               |                         |                |                |   |             |
|                 | Z     | e              | 21  | 00 | 21 |               |                         |                |                |   |             |
|                 |       | F              | 21  | 03 |    |               |                         |                |                |   |             |
| 23. Jan.        | Z     | eFP            | 04  | 59 | 48 |               |                         |                |                |   |             |
| I               |       | F              | 06  | 15 |    |               |                         |                |                |   |             |
| 23. Jan.        | Z     | ePKF           | 07  | 49 | 04 |               |                         |                | 12200          | Herdgebiet<br>nach USCGS:<br>Insel Céram<br>4° S,<br>127 1/2° E               |             |
| II              | Z     | e              |     | 50 | 01 |               |                         |                |                |   |             |
|                 | Z     | e              |     | 50 | 08 |               |                         |                |                |   |             |
|                 | ZE    | e              |     | 50 | 16 |               |                         |                |                |   |             |
|                 | Z     | eFPF           |     | 52 | 15 |               |                         |                |                |   |             |
|                 |       | F              | 09  | 05 |    |               |                         |                |                |   |             |
| 23. Jan.        | Z     | eFP            | 18  | 15 | 23 |               |                         |                |                |   |             |
| III             |       | F              | 19  | 30 |    |               |                         |                |                |   |             |
| 24. Jan.        | Z     | ePKF           | 04  | 41 | 30 |               |                         |                | 16000          | Herdgebiet<br>nach USCGS:<br>Fidschi-<br>Inseln                               |             |
|                 | Z     | eFP            |     | 44 | 47 |               |                         |                |                |   |             |
|                 |       | F              | 06  | 40 |    |               |                         |                |                |   |             |

| Datum          | Komp. | Phase | MGZ |      |    | Periode<br>Ts | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km   | Bemerkungen |
|----------------|-------|-------|-----|------|----|---------------|-------------------------|----------------|----------------|--|-------------|
|                |       |       | h   | m    | s  |               | A <sub>H</sub>          | A <sub>M</sub> | A <sub>S</sub> |  |             |
| 26. Jan.       | Z     | e(P)  | 03  | 28   | 33 |               |                         |                |                |  |             |
| I              |       | F     | 03  | 32   |    |               |                         |                |                |  |             |
| 26. Jan.       | Z     | eP    | 09  | 56   | 59 |               |                         |                | (2600)         | Herdgebiet<br>nach BCIS:<br>Türkei                       |             |
| II             | ZNE   | e     |     | 57   | 06 |               |                         |                |                |  |             |
|                | Z     | e(PF) |     | 57   | 18 |               |                         |                |                |  |             |
|                | Z     | e(PF) |     | 57   | 34 |               |                         |                |                |  |             |
|                | Z     | e     |     | 58   | 24 |               |                         |                |                |  |             |
|                | NE    | e     |     | 58   | 34 |               |                         |                |                |  |             |
|                | Z     | eS    | 10  | 01.1 |    |               |                         |                |                |  |             |
|                |       | F     | 10  | 20   |    |               |                         |                |                |  |             |
| 26. Jan.       | Z     | e(P)  | 13  | 10   | 00 |               |                         |                |                |  |             |
| III            |       | F     | 13  | 23   |    |               |                         |                |                |  |             |
| 26. Jan.       | Z     | eP    | 20  | 29   | 32 |               |                         |                |                |  |             |
| IV             | NE    | eP    |     | 29   | 36 |               |                         |                |                |  |             |
|                | Z     | e     |     | 29   | 42 |               |                         |                |                |  |             |
|                | Z     | e     |     | 33   | 01 |               |                         |                |                |  |             |
|                |       | F     | 20  | 38   |    |               |                         |                |                |  |             |
| 31. Jan.       | Z     | eP    | 05  | 20   | 33 |               |                         |                |                |  |             |
|                |       | M     | 06  | 01   | 00 | 12            | 7                       | 10             |                |  |             |
|                |       | F     | 06  | 30   |    |               |                         |                |                |  |             |
| <u>Februar</u> |       |       |     |      |    |               |                         |                |                |  |             |
| 1. Febr.       | ZNE   | eP    | 12  | 03   | 59 |               |                         |                | 2150           | Herdgebiet<br>nach BCIS:<br>Kreta<br>35.0° N,<br>22.8° E |             |
| I              | N     | eFP   |     | 04   | 14 |               |                         |                |                |  |             |
|                | N     | e     |     | 05   | 18 |               |                         |                |                |  |             |
|                | Z     | eS    |     | 07   | 32 |               |                         |                |                |  |             |
|                | N     | e     |     | 07   | 39 |               |                         |                |                |  |             |
|                | NE    | e     |     | 10   | 33 |               |                         |                |                |  |             |
|                | N     | e     |     | 11   | 12 |               |                         |                |                |  |             |
|                | NE    | e     |     | 11   | 30 |               |                         |                |                |  |             |
|                | Z     | e     |     | 11   | 48 |               |                         |                |                |  |             |
|                |       | F     | 12  | 25   |    |               |                         |                |                |  |             |
| 1. Febr.       | Z     | eP    | 14  | 07   | 41 |               |                         |                |                |  |             |
| II             | Z     | e     |     | 07   | 48 |               |                         |                |                |  |             |
|                |       | F     | 14  | 09   |    |               |                         |                |                |  |             |
| 4. Febr.       | Z     | e     | 04  | 06   | 09 |               |                         |                |                |  |             |
| I              |       | F     | 06  | 45   |    |               |                         |                |                |  |             |



| Datum     | Komp. | Phase | MGZ |      |      | Periode<br>T <sub>s</sub> | Amplitude μm   |                |                | Δ<br>km   | Bemerkungen |
|-----------|-------|-------|-----|------|------|---------------------------|----------------|----------------|----------------|---|-------------|
|           |       |       | h   | m    | s    |                           | A <sub>H</sub> | A <sub>M</sub> | A <sub>S</sub> |   |             |
| 4. Febr.  | Z     | eP    | 17  | 02   | 36   | 18                        | 9              |                | 8800           | Herdgebiet nach USCGS: Ostküste von Hondo 39° N, 143° E           |             |
| II        | E     | eFS   |     | 12   | 54   |                           |                |                |                |   |             |
|           |       | M     |     | 40   | 30   |                           |                |                |                |   |             |
|           |       | F     | 18  | 00   |      |                           |                |                |                |   |             |
| 4. Febr.  | Z     | ePKP  | 20  | 56   | 56   |                           |                |                |                |   |             |
| III       |       | F     | 20  | 58   |      |                           |                |                |                |   |             |
| 4. Febr.  | Z     | eP    | 21  | 10   | (00) |                           |                |                |                |   |             |
| IV        |       | F     | 21  | 11   |      |                           |                |                |                |   |             |
| 19. Febr. | E     | eSn   | 02  | 33   | 12   | 15-19                     | 4              | 12             | 790            | Herdgebiet nach BCIS: Nord-Lombardei (Italien)                    |             |
| I         | ZNE   | eSg   |     | 34   | 02   |                           |                |                |                |   |             |
|           | ZNE   | e     |     | 34   | 12   |                           |                |                |                |   |             |
|           | Z     | e     |     | 34   | 40   |                           |                |                |                |   |             |
|           |       | F     | 02  | 38   |      |                           |                |                |                |   |             |
| 19. Febr. | ZNE   | eP    | 10  | 44   | 35   | 15-19                     | 4              | 12             | 4900           | h = ca. 200 km Herdgebiet nach USCGS: Hindukusch 36° N, 70 1/2° E |             |
| II        | NE    | epP   |     | 45   | 23   |                           |                |                |                |   |             |
|           | ZE    | esP   |     | 45   | 29   |                           |                |                |                |   |             |
|           | ZNE   | e1    |     | 45   | 45   |                           |                |                |                |   |             |
|           | N     | i     |     | 46   | 35   |                           |                |                |                |   |             |
|           | Z     | eS    |     | 50   | 47   |                           |                |                |                |   |             |
|           | N     | e     |     | 53   | 55   |                           |                |                |                |   |             |
|           | ZNE   | eSS   |     | 54   | 16   |                           |                |                |                |   |             |
|           |       | F     | 11  | 30   |      |                           |                |                |                |   |             |
|           |       |       |     |      |      |                           |                |                |                |   |             |
| 21. Febr. | Z     | e     | 08  | 17   | 44   | 15-19                     | 4              | 12             |                |   |             |
| I         | Z     | e     |     | 17   | 49   |                           |                |                |                |   |             |
|           |       | M     |     | 24   | 00   |                           |                |                |                |   |             |
|           |       | F     | 08  | 32   |      |                           |                |                |                |   |             |
| 21. Febr. | Z     | eP    | 09  | 34   | 35   |                           |                |                |                |   |             |
| II        |       | F     | 09  | 36   |      |                           |                |                |                |   |             |
| 21. Febr. | Z     | ePKP  | 09  | 58   | 04   |                           |                |                |                |   |             |
| III       |       | F     | 09  | 58.5 |      |                           |                |                |                |   |             |
| 23. Febr. | Z     | eP    | 00  | 34   | 32   | 9                         | 3              |                |                | Herdgebiet nach BCIS: Griechenland                                |             |
| I         |       | M     |     | 39   | 30   |                           |                |                |                |   |             |
|           |       | F     | 00  | 47   |      |                           |                |                |                |   |             |
| 23. Febr. | Z     | eP    | 02  | 17   | 31   |                           |                |                |                |   |             |
| II        | Z     | e     |     | 18   | 15   |                           |                |                |                |   |             |
|           | Z     | e     |     | 18   | 37   |                           |                |                |                |   |             |

| Datum       | Komp. | Phase | MGZ                   |    |    | Periode<br>T <sub>s</sub> | Amplitude μm   |                |                | Δ<br>km  | Bemerkungen |
|-------------|-------|-------|-----------------------|----|----|---------------------------|----------------|----------------|----------------|--|-------------|
|             |       |       | h                     | m  | s  |                           | A <sub>H</sub> | A <sub>M</sub> | A <sub>S</sub> |  |             |
| noch        |       |       |                       |    |    |                           |                |                |                |  |             |
| 23. Febr.   | Z     | e     |                       | 20 | 18 |                           |                |                |                |  |             |
| II          |       | F     | 02                    | 23 |    |                           |                |                |                |  |             |
| 23. Febr.   | ZN    | eP    | 07                    | 38 | 03 | 8                         | 14             |                | 1700           | Herdgebiet nach BCIS: Griechenland 39.0° N, 20.8° E      |             |
| III         | ZE    | e     |                       | 38 | 07 |                           |                |                |                |  |             |
|             | Z     | e     |                       | 38 | 11 |                           |                |                |                |  |             |
|             | NE    | eS    |                       | 40 | 57 |                           |                |                |                |  |             |
|             | M     |       |                       | 43 | 30 |                           |                |                |                |  |             |
|             |       | F     | im folgenden Nachstoß |    |    |                           |                |                |                |  |             |
| 23. Febr.   | Z     | eP    | 07                    | 51 | 24 | 12                        | 9              |                |                | Nachstoß   |             |
| IV          |       | M     |                       | 56 | 30 |                           |                |                |                |  |             |
|             |       | F     | 08                    | 05 |    |                           |                |                |                |  |             |
| 24. Febr.   | Z     | ePKP  | 21                    | 56 | 09 |                           |                |                | 14200          | Herdgebiet nach USCGS: Salomon-Inseln                    |             |
|             | Z     | e     |                       | 56 | 19 |                           |                |                |                |  |             |
|             | Z     | ePP   |                       | 58 | 00 |                           |                |                |                |  |             |
|             |       | F     | 23                    | 45 |    |                           |                |                |                |  |             |
| 26. Febr.   | Z     | ePKP  | 06                    | 52 | 23 |                           |                |                |                |  |             |
| I           |       | F     | 06                    | 55 |    |                           |                |                |                |  |             |
| 26. Febr.   | Z     | eP    | 23                    | 41 | 16 |                           |                |                |                |  |             |
| II          |       | F     | 24                    | 45 |    |                           |                |                |                |  |             |
| 27. Febr.   | Z     | eP    | 08                    | 21 | 56 |                           |                |                |                |  |             |
|             |       | F     | 08                    | 24 |    |                           |                |                |                |  |             |
| 29. Febr.   | Z     | eP    | 23                    | 46 | 05 | 11                        | 8              | 9              | 2900           | Herdgebiet nach BCIS: Agadir (Marokko) 30°27' N, 9°37' W |             |
|             | ZNE   | eP    |                       | 46 | 07 |                           |                |                |                |  |             |
|             | ZN    | ePP   |                       | 46 | 47 |                           |                |                |                |  |             |
|             | E     | ePPP  |                       | 47 | 04 |                           |                |                |                |  |             |
|             | ZE    | e     |                       | 47 | 16 |                           |                |                |                |  |             |
|             | Z     | e     |                       | 47 | 33 |                           |                |                |                |  |             |
|             | NE    | e     |                       | 47 | 47 |                           |                |                |                |  |             |
|             | E     | eSS   |                       | 52 | 13 |                           |                |                |                |  |             |
|             |       | M     |                       | 58 | 00 |                           |                |                |                |  |             |
|             |       | F     | 24                    | 45 |    |                           |                |                |                |  |             |
| <u>März</u> |       |       |                       |    |    |                           |                |                |                |  |             |
| 1. März     | Z     | ePKP  | 08                    | 27 | 10 |                           |                |                |                |  |             |
|             |       | F     | 08                    | 28 |    |                           |                |                |                |  |             |



| Datum         | Komp.          | Phase | MGZ |    |       | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km   | Bemerkungen |
|---------------|----------------|-------|-----|----|-------|---------------------------|-------------------------|----------------|----------------|--|-------------|
|               |                |       | h   | m  | s     |                           | A <sub>H</sub>          | A <sub>M</sub> | A <sub>S</sub> |  |             |
| 2. März       | Z              | eP    | 22  | 02 | 02    |                           |                         |                |                |  |             |
|               | Z              | e     |     | 02 | 14    |                           |                         |                |                |  |             |
|               | F              |       | 22  | 15 |       |                           |                         |                |                |  |             |
| 4. März<br>I  | ZNE            | iP    | 04  | 05 | 09    |                           |                         |                | 9000           | h = ca.<br>100 km<br>Herdgebiet<br>nach USCGS:<br>Nähe der<br>Südküste<br>von Kiu-<br>schiu        |             |
|               | Z              | epP   |     | 05 | 44    |                           |                         |                |                |  |             |
|               | ZE             | e     |     | 08 | 15    |                           |                         |                |                |  |             |
|               | ZNE            | eS    |     | 15 | 01    |                           |                         |                |                |  |             |
|               | F              |       | 05  | 00 |       |                           |                         |                |                |  |             |
| 4. März<br>II | ZN             | eP    | 16  | 30 | 06    |                           |                         |                | 2300           | Herdgebiet<br>nach USCGS:<br>Jan Mayen   |             |
|               | E              | ePP   |     | 30 | 24    |                           |                         |                |                |  |             |
|               | ZN             | e     |     | 30 | 29    |                           |                         |                |                |  |             |
|               | E              | e     |     | 30 | 55    |                           |                         |                |                |  |             |
|               | F              |       | 16  | 43 |       |                           |                         |                |                |  |             |
| 5. März<br>I  | Z              | eP    | 11  | 34 | 33    |                           |                         |                |                |  |             |
|               | F              |       | 11  | 35 |       |                           |                         |                |                |  |             |
| 5. März<br>II | Z              | eP    | 14  | 03 | 32    |                           |                         |                | 11700          | Herdgebiet<br>nach USCGS:<br>Halmahera-<br>Insel<br>1° N, 129° E                                   |             |
|               | Z              | ePP   |     | 07 | 53    |                           |                         |                |                |  |             |
|               | Z              | e     |     | 08 | 12    |                           |                         |                |                |  |             |
|               | Z              | e     |     | 08 | 49    |                           |                         |                |                |  |             |
|               | N              | eS    |     | 15 | 22    |                           |                         |                |                |  |             |
|               | M <sub>1</sub> |       | 46  | 00 | 18-19 | 28                        | 13                      |                |                |  |             |
|               | M <sub>2</sub> |       | 52  | 30 | 22-24 | 26                        | 30                      |                |                |  |             |
|               | M <sub>3</sub> |       | 54  | 00 | 19    |                           | 30                      |                |                |  |             |
| F             |                | 16    | 20  |    |       | 30                        |                         |                |                |  |             |
| 8. März       | ZE             | ePKP  | 16  | 52 | 32    |                           |                         |                | 8700           | h = ca.<br>60 km<br>Herdgebiet<br>nach USCGS:<br>Nordostküste<br>von Hondo<br>40° N,<br>143 1/2° E |             |
|               | ZNE            | ei    |     | 52 | 40    |                           |                         |                |                |  |             |
|               | ZNE            | e     |     | 53 | 09    |                           |                         |                |                |  |             |
|               | NE             | ei    |     | 53 | 22    |                           |                         |                |                |  |             |
|               | E              | e     |     | 55 | 31    |                           |                         |                |                |  |             |
|               | ZN             | eipP  |     | 55 | 39    |                           |                         |                |                |  |             |
|               | Z              | esP   |     | 55 | 56    |                           |                         |                |                |  |             |
|               | N              | e     |     | 56 | 10    |                           |                         |                |                |  |             |
|               | NE             | i     |     | 56 | 18    |                           |                         |                |                |  |             |
|               | E              | e     |     | 57 | 13    |                           |                         |                |                |  |             |
|               | F              |       | 18  | 20 |       |                           |                         |                |                |  |             |
| 12. März<br>I | Z              | ePn   | 11  | 56 | 54    |                           |                         |                | 1400           | Herdgebiet<br>nach BCIS:<br>Mazedonien   |             |
|               | N              | e     |     | 58 | 53    |                           |                         |                |                |  |             |
|               | N              | e     |     | 59 | 04    |                           |                         |                |                |  |             |
|               |                |       |     |    |       |                           |                         |                |                |  |             |

| Datum          | Komp.          | Phase | MGZ |       |       | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km   | Bemerkungen |
|----------------|----------------|-------|-----|-------|-------|---------------------------|-------------------------|----------------|----------------|--|-------------|
|                |                |       | h   | m     | s     |                           | A <sub>H</sub>          | A <sub>M</sub> | A <sub>S</sub> |  |             |
| noch           |                |       |     |       |       |                           |                         |                |                |  |             |
| 12. März<br>I  | ZNE            | e     |     | 59    | 11    |                           |                         |                | 8700           | h = ca.<br>60 km<br>Herdgebiet<br>nach USCGS:<br>Nordostküste<br>von Hondo<br>40° N,<br>143 1/2° E |             |
|                | E              | e(Sn) |     | 59    | 37    |                           |                         |                |                |  |             |
|                | NE             | e     |     | 59    | 49    |                           |                         |                |                |  |             |
|                | N              | e     |     | 59    | 59    |                           |                         |                |                |  |             |
|                | ZE             | e     | 12  | 00    | 26    |                           |                         |                |                |  |             |
|                | E              | e     |     | 00    | 32    |                           |                         |                |                |  |             |
|                | N              | e     |     | 00    | 39    |                           |                         |                |                |  |             |
|                | ZE             | iSg   |     | 01    | 05    |                           |                         |                |                |  |             |
|                | N              | i     |     | 01    | 11    |                           |                         |                |                |  |             |
|                | M              |       | 02  | 00    | 5.5-5 | 25                        | 23                      |                |                |  |             |
| F              |                | 12    | 33  |       |       |                           |                         |                |                |  |             |
| 12. März<br>II | Z              | ePKP  | 20  | 49    | 41    |                           |                         |                |                |  |             |
|                | ZNE            | e(PP) |     | 51    | 21    |                           |                         |                |                |  |             |
|                | Z              | e     |     | 52    | 04    |                           |                         |                |                |  |             |
|                | Zs             | e     | 21  | 02    | 37    |                           |                         |                |                |  |             |
| F              |                | 22    | 00  |       |       |                           |                         |                |                |  |             |
| 15. März       | Z              | eP    | 09  | 32    | 52    |                           |                         |                |                |  |             |
|                | Z              | e     |     | 33    | 05    |                           |                         |                |                |  |             |
|                | Z              | e     |     | 33    | 25    |                           |                         |                |                |  |             |
|                | F              |       | 09  | 35    |       |                           |                         |                |                |  |             |
| 20. März       | ZN             | eP    | 17  | 19    | 30    |                           |                         |                | 8700           | h = ca.<br>60 km<br>Herdgebiet<br>nach USCGS:<br>Nordostküste<br>von Hondo<br>40° N,<br>143 1/2° E |             |
|                | ZNE            | eiPcP |     | 19    | 38    |                           |                         |                |                |  |             |
|                | E              | esP   |     | 19    | (59)  |                           |                         |                |                |  |             |
|                | N              | e     |     | 20    | 09    |                           |                         |                |                |  |             |
|                | N              | e     |     | 20    | 59    |                           |                         |                |                |  |             |
|                | NE             | ePP   |     | 22    | 37    |                           |                         |                |                |  |             |
|                | NE             | eS    |     | 29    | 28    |                           |                         |                |                |  |             |
|                | NE             | i     |     | 29    | (57)  |                           |                         |                |                |  |             |
|                | M <sub>1</sub> |       | 52  | 30    | 14-20 | 70                        | 600                     |                |                |  |             |
|                | M <sub>2</sub> |       | 55  | 30    | 20-21 | 500                       | 1000                    |                |                |  |             |
|                | M <sub>3</sub> |       | 57  | 30    | 17-13 | 800                       | 300                     |                |                |  |             |
| M <sub>4</sub> |                | 59    | 00  | 15    | 700   | 500                       |                         |                |                |  |             |
| C              |                |       |     | 12-15 |       |                           |                         |                |                |  |             |
| F              |                | 21    | 40  |       |       |                           |                         |                |                |  |             |
| 21. März<br>I  | Z              | eP    | 00  | 46    | 53    |                           |                         |                | 8700           | Herdgebiet<br>nach USCGS:<br>Ostküste<br>von Hondo   |             |
|                | Z              | ePP   |     | 49    | 52    |                           |                         |                |                |  |             |
|                | F              |       | 01  | 45    |       |                           |                         |                |                |  |             |



| Datum    | Komp.          | Phase | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen   |
|----------|----------------|-------|-----|----|----|---------------------------|-------------------------|----------------|----------------|----------------|---|
|          |                |       | h   | m  | s  |                           | A <sub>H</sub>          | A <sub>M</sub> | A <sub>S</sub> |                |   |
| 21. März | Z              | eP    | 09  | 30 | 24 |                           |                         |                |                |                |   |
| II       |                | F     | 10  | 30 |    |                           |                         |                |                |                |   |
| 21. März | NE             | eSg   | 18  | 05 | 55 |                           |                         |                |                |                | Herdgebiet nach BCIS: Jugoslawien                                 |
| III      | Z              | e     |     | 06 | 08 |                           |                         |                |                |                |   |
|          |                | F     | 18  | 09 |    |                           |                         |                |                |                |   |
| 23. März | ZN             | eP    | 00  | 35 | 26 |                           |                         |                | 8600           |                | Herdgebiet nach USCGS: Ostküste von Hondo<br>39 1/2° N,<br>143° E |
| I        | ZE             | e     |     | 35 | 36 |                           |                         |                |                |                |   |
|          | E              | e     |     | 35 | 56 |                           |                         |                |                |                |   |
|          | ZN             | e     |     | 36 | 07 |                           |                         |                |                |                |   |
|          | ZNE            | e(PF) |     | 38 | 32 |                           |                         |                |                |                |   |
|          | NE             | e     |     | 40 | 22 |                           |                         |                |                |                |   |
|          | NE             | ePS   |     | 45 | 30 |                           |                         |                |                |                |   |
|          | M <sub>1</sub> |       | 01  | 09 | 30 | 21                        | 90                      | 180            |                |                |   |
|          | M <sub>2</sub> |       |     | 14 | 00 | 17                        | 70                      |                |                |                |   |
|          | M <sub>3</sub> |       |     | 16 | 30 | 13                        |                         | 45             |                |                |   |
|          | M <sub>4</sub> |       |     | 18 | 00 | 14-12                     | 30                      | 35             |                |                |   |
|          | C              |       |     |    |    | 10-12                     |                         |                |                |                |   |
|          | F              |       | 03  | 00 |    |                           |                         |                |                |                |   |
| 23. März | Z              | eP    | 01  | 19 | 21 |                           |                         |                |                |                | Überlagerter Nachstoß   |
| II       |                |       |     |    |    |                           |                         |                |                |                |   |
| 23. März | Z              | eP    | 02  | 03 | 44 |                           |                         |                |                |                | Weiterer überlagerter Nachstoß                                    |
| III      |                |       |     |    |    |                           |                         |                |                |                |   |
| 23. März | Z              | eP    | 08  | 58 | 46 |                           |                         |                |                |                | Weiterer Nachstoß   |
| IV       |                | F     | 09  | 00 |    |                           |                         |                |                |                |   |
| 23. März | Z              | eP    | 10  | 41 | 07 |                           |                         |                |                |                | Weiterer Nachstoß   |
| V        |                | F     | 10  | 42 |    |                           |                         |                |                |                |   |
| 23. März | Z              | eP    | 22  | 34 | 41 |                           |                         |                | 8600           |                | Weiterer Nachstoß Hondo   |
| VI       | Z              | e     |     | 37 | 41 |                           |                         |                |                |                |   |
|          | NE             | ePS   |     | 44 | 42 |                           |                         |                |                |                |   |
|          |                | F     | 24  | 50 |    |                           |                         |                |                |                |   |
| 23. März | Z              | e     | 23  | 10 | 42 |                           |                         |                |                |                | Herdgebiet nach BCIS: Berner Alpen (Schweiz)                      |
| VII      | Z              | e     |     | 11 | 01 |                           |                         |                |                |                |   |
|          | ZNE            | e     |     | 11 | 03 |                           |                         |                |                |                |   |
|          | E              | 1     |     | 12 | 27 |                           |                         |                |                |                |   |
|          | ZNE            | 1Sg   |     | 12 | 32 |                           |                         |                |                |                |   |
|          | Z              | 1     |     | 12 | 40 |                           |                         |                |                |                |   |
|          | F              |       |     |    |    |                           |                         |                |                |                |   |

Im vorhergehenden Beben

| Datum    | Komp. | Phase | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen                          |
|----------|-------|-------|-----|----|----|---------------------------|-------------------------|----------------|----------------|----------------|--------------------------------------|
|          |       |       | h   | m  | s  |                           | A <sub>H</sub>          | A <sub>M</sub> | A <sub>S</sub> |                |                                      |
| 24. März | Z     | eP    | 06  | 06 | 12 |                           |                         |                |                |                |                                      |
|          | Z     | e     |     | 06 | 41 |                           |                         |                |                |                |                                      |
|          |       | F     | 06  | 08 |    |                           |                         |                |                |                |                                      |
| 27. März | Z     | ePKP  | 04  | 07 | 50 |                           |                         |                | 15500          |                | Herdgebiet nach USCGS: Neue Hebriden |
| I        | Z     | ePP   |     | 10 | 49 |                           |                         |                |                |                |                                      |
|          |       | F     | 05  | 20 |    |                           |                         |                |                |                |                                      |
| 27. März | Z     | ePKP  | 09  | 17 | 19 |                           |                         |                |                |                |                                      |
| II       | Z     | e     |     | 17 | 24 |                           |                         |                |                |                |                                      |
|          |       | F     | 11  | 15 |    |                           |                         |                |                |                |                                      |
| 27. März | Z     | e     | 20  | 32 | 22 |                           |                         |                |                |                |                                      |
| III      |       | F     | 20  | 34 |    |                           |                         |                |                |                |                                      |
| 27. März | Z     | ePKP  | 23  | 48 | 48 |                           |                         |                |                |                |                                      |
| IV       |       | F     | 23  | 53 |    |                           |                         |                |                |                |                                      |
| 28. März | Z     | eP    | 00  | 26 | 27 |                           |                         |                | 9900           |                | Herdgebiet nach USCGS: Panama        |
| I        | ZNE   | eS    |     | 37 | 09 |                           |                         |                |                |                |                                      |
|          |       | F     | 01  | 30 |    |                           |                         |                |                |                |                                      |
| 28. März | N     | eSg   | 02  | 54 | 49 |                           |                         |                |                |                |                                      |
| II       |       | F     | 02  | 57 |    |                           |                         |                |                |                |                                      |
| 28. März | Z     | ePKP  | 12  | 57 | 42 |                           |                         |                |                |                |                                      |
| III      | Z     | e     |     | 57 | 49 |                           |                         |                |                |                |                                      |
|          |       | F     | 13  | 00 |    |                           |                         |                |                |                |                                      |
| 29. März | Z     | ePKP  | 06  | 50 | 26 |                           |                         |                |                |                | Herdgebiet nach USCGS: Neue Hebriden |
|          | Z     | e     |     | 50 | 31 |                           |                         |                |                |                |                                      |
|          | Z     | e(PF) |     | 53 | 36 |                           |                         |                |                |                |                                      |
|          | N     | e     |     | 54 | 11 |                           |                         |                |                |                |                                      |
|          |       | M     | 07  | 54 | 00 | 20                        | 13                      | 7              |                |                |                                      |
|          |       | F     | 09  | 50 |    |                           |                         |                |                |                |                                      |
| 30. März | Z     | ePKP  | 11  | 09 | 13 |                           |                         |                |                |                |                                      |
| I        | N     | e     |     | 12 | 48 |                           |                         |                |                |                |                                      |
|          |       | F     | 13  | 00 |    |                           |                         |                |                |                |                                      |
| 30. März | Z     | eP    | 13  | 03 | 51 |                           |                         |                |                |                |                                      |
| II       |       | F     | 13  | 20 |    |                           |                         |                |                |                |                                      |
| 30. März | Z     | ePKP  | 15  | 39 | 12 |                           |                         |                |                |                |                                      |
| III      |       | F     | 17  | 00 |    |                           |                         |                |                |                |                                      |



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| Datum        | Komp. | Phase | MGZ |    |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km                                     | Bemerkungen |
|--------------|-------|-------|-----|----|------|---------------------------|-------------------------|----------------|----------------|--|-------------|
|              |       |       | h   | m  | s    |                           | A <sub>H</sub>          | A <sub>V</sub> | A <sub>S</sub> |  |             |
| <u>April</u> |       |       |     |    |      |                           |                         |                |                |  |             |
| 7. April     | Z     | ePKP  | 14  | 06 | 18   |                           |                         |                |                |  |             |
| I            | Z     | e     |     | 06 | 24   |                           |                         |                |                |  |             |
|              | Z     | e     |     | 06 | 32   |                           |                         |                |                |  |             |
|              | Z     | F     | 14  | 09 |      |                           |                         |                |                |  |             |
| 7. April     | ZE    | ePKP  | 24  | 15 | 17   |                           |                         |                |                |  |             |
| II           | ZN    | ei    |     | 15 | 21   |                           |                         |                |                |  |             |
|              | Z     | epPKP |     | 16 | 08   |                           |                         |                |                |  |             |
|              | Z     | F     | 24  | 18 |      |                           |                         |                |                |  |             |
| 10. April    | Z     | eP    | 22  | 09 | 40   |                           |                         |                |                |  |             |
|              | Z     | F     | 22  | 20 |      |                           |                         |                |                |  |             |
| 15. April    | Z     | ePKP  | 22  | 24 | 31   |                           |                         |                |                |  |             |
|              | ZN    | e     |     | 27 | 07   |                           |                         |                |                |  |             |
|              | Z     | F     | 23  | 00 |      |                           |                         |                |                |  |             |
| 17. April    | Z     | ePKP  | 15  | 59 | 55   |                           |                         |                |                |  |             |
|              | Z     | F     | 16  | 08 |      |                           |                         |                |                |  |             |
| 22. April    | Z     | ePKP  | 20  | 45 | 46   |                           |                         |                | 16200          | Herdgebiet nach USCGS: Tonga-Inseln                |             |
|              | Z     | ePP   |     | 49 | 03   |                           |                         |                |                |  |             |
|              | Z     | F     | 20  | 50 |      |                           |                         |                |                |  |             |
| 24. April    | Z     | eP    | 03  | 35 | 15   |                           |                         |                | 11000          | h = ca. 600 km<br>Herdgebiet nach USCGS: Java-Meer |             |
| I            | Z     | epP   |     | 37 | 21   |                           |                         |                |                |  |             |
|              | Z     | e     |     | 37 | 33   |                           |                         |                |                |  |             |
|              | ZE    | ePKP  |     | 39 | 15   |                           |                         |                |                |  |             |
|              | Z     | F     | 04  | 35 |      |                           |                         |                |                |  |             |
| 24. April    | ZNE   | eP    | 12  | 22 | (01) |                           |                         |                | 4300           | Herdgebiet nach USCGS: Süd-Iran 28° N, 54 1/2° E   |             |
| II           | ZE    | e     |     | 22 | 13   |                           |                         |                |                |  |             |
|              | ZE    | e     |     | 24 | 24   |                           |                         |                |                |  |             |
|              | ZNE   | eS    |     | 28 | 02   |                           |                         |                |                |  |             |
|              | ZE    | e     |     | 29 | 36   |                           |                         |                |                |  |             |
|              | ZE    | eSS   |     | 31 | 01   |                           |                         |                |                |  |             |
|              | M     |       |     | 41 | 00   | 16                        | 16                      | 13             |                |  |             |
|              | F     |       | 13  | 15 |      |                           |                         |                |                |  |             |
| 29. April    | Z     | eP    | 19  | 46 | 07   |                           |                         |                | 11300          | Herdgebiet nach USCGS: Celebes                     |             |
|              | ZNE   | e(FP) |     | 50 | 22   |                           |                         |                |                |  |             |
|              | ZE    | ePPP  |     | 52 | 30   |                           |                         |                |                |  |             |
|              | E     | eSES  |     | 56 | 43   |                           |                         |                |                |  |             |
|              | F     |       | 20  | 50 |      |                           |                         |                |                |  |             |

Potsdam 1960

| Datum      | Komp. | Phase | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|------------|-------|-------|-----|----|----|---------------------------|-------------------------|----------------|----------------|---|-------------|
|            |       |       | h   | m  | s  |                           | A <sub>H</sub>          | A <sub>V</sub> | A <sub>S</sub> |   |             |
| 30. April  | Z     | ePKP  | 04  | 19 | 38 |                           |                         |                |                |   |             |
|            | Z     | F     | 04  | 30 |    |                           |                         |                |                |   | Nachstoß    |
| <u>Mai</u> |       |       |     |    |    |                           |                         |                |                |   |             |
| 3. Mai     | Z     | eP    | 22  | 34 | 59 |                           |                         |                |                |   |             |
|            | Z     | F     | 22  | 36 |    |                           |                         |                |                |   |             |
| 6. Mai     | Z     | eP    | 18  | 58 | 44 |                           |                         |                |                |   |             |
|            | Z     | F     | 19  | 00 |    |                           |                         |                |                |   |             |
| 13. Mai    | ZN    | eP    | 16  | 18 | 45 |                           |                         |                | 8100           | Herdgebiet nach USCGS: Alaska   |             |
|            | ZNE   | ePcP  |     | 19 | 02 |                           |                         |                |                |   |             |
|            | E     | e     |     | 19 | 19 |                           |                         |                |                |   |             |
|            | NE    | eS    |     | 28 | 11 |                           |                         |                |                |   |             |
|            | E     | e     |     | 29 | 10 |                           |                         |                |                |   |             |
|            | Z     | F     | 17  | 32 |    |                           |                         |                |                |   |             |
| 14. Mai    | ZNE   | eP    | 22  | 31 | 17 |                           |                         |                | 7800           | Herdgebiet nach USCGS: Kamtschatka                                    |             |
|            | Z     | e     |     | 31 | 34 |                           |                         |                |                |   |             |
|            | NE    | eS    |     | 40 | 30 |                           |                         |                |                |   |             |
|            | Z     | F     | 22  | 43 |    |                           |                         |                |                |   |             |
| 18. Mai    | ZNE   | eP    | 06  | 47 | 25 |                           |                         |                | 9000           | h = ca. 100 km<br>Herdgebiet nach USCGS: Riu-Kiu-Inseln 29° N, 130° E |             |
| I          | Z     | epP   |     | 47 | 39 |                           |                         |                |                |   |             |
|            | E     | e     |     | 48 | 44 |                           |                         |                |                |   |             |
|            | ZE    | ePP   |     | 50 | 27 |                           |                         |                |                |   |             |
|            | ZE    | e     |     | 54 | 12 |                           |                         |                |                |   |             |
|            | ZNE   | eS    |     | 57 | 28 |                           |                         |                |                |   |             |
|            | ZNE   | e     |     | 57 | 36 |                           |                         |                |                |   |             |
|            | N     | e     |     | 58 | 36 |                           |                         |                |                |   |             |
|            | NE    | e     |     | 58 | 48 |                           |                         |                |                |   |             |
|            | Z     | M     | 07  | 28 | 00 | 16-18                     | 55                      | 60             |                |   |             |
|            | Z     | F     | 08  | 20 |    |                           |                         |                |                |   |             |
| 18. Mai    | Z     | eP    | 08  | 48 | 35 |                           |                         |                | 4200           | Herdgebiet nach USCGS: Persischer Golf                                |             |
| II         | Z     | e     |     | 48 | 49 |                           |                         |                |                |   |             |
|            | NE    | eS    |     | 54 | 27 |                           |                         |                |                |   |             |
|            | Z     | F     | 09  | 20 |    |                           |                         |                |                |   |             |
| 19. Mai    | ZE    | eP    | 02  | 14 | 50 |                           |                         |                | 4800           | h = ca. 200 km<br>Herdgebiet nach USCGS: Hindukusch                   |             |
| I          | ZNE   | eP    |     | 14 | 53 |                           |                         |                |                |   |             |
|            | N     | e     |     | 15 | 18 |                           |                         |                |                |   |             |
|            | ZE    | epP   |     | 15 | 24 |                           |                         |                |                |   |             |



| Datum                | Komp.  | Phase  | MGZ  |  |  | Periode<br>T <sub>s</sub> | Amplitude μm   |                |                | Δ<br>km  | Bemerkungen |
|----------------------|--|--|--|--|--|---------------------------|----------------|----------------|----------------|--|-------------|
|                      |  |  | h  | m  | s                                      |                           | A <sub>H</sub> | A <sub>M</sub> | A <sub>S</sub> |  |             |
| noch<br>19. Mai<br>I | ZE<br>N<br>E<br>ZN<br>E<br>ZNE<br>E            | e<br>ePP<br>e<br>e<br>e<br>eS<br>e               |  | 16<br>16<br>17<br>17<br>18<br>21<br>24             | 29<br>40<br>11<br>48<br>13<br>12<br>18 |                           |                |                |                |  |             |
|                      |  |  | 02   | 50   |  |                           |                |                |                |  |             |
| 19. Mai<br>II        | Z<br>N<br>ZE                                   | e<br>e<br>e                                      | 10<br>25<br>25                                     | 24<br>02<br>12                                     |  |                           |                |                |                |  |             |
|                      |  | F  | 13   | 00   |  |                           |                |                |                |  |             |
| 20. Mai              | Z<br>ZNE<br>N<br>N<br>Z                        | ePKP<br>e<br>e<br>e<br>ePP                       | 11<br>32<br>32<br>34<br>35                         | 22<br>26<br>51<br>47<br>52                         |  |                           |                |                | 16500          | Herdgebiet nach USCGS: Insel Norfolk 28° S, 167 1/2° E             |             |
|                      |  | M  | 12   | 40   | 00                                     | 28                        |                | 17             |                |  |             |
|                      |  | F  | 14   | 00   |  |                           |                |                |                |  |             |
| 21. Mai<br>I         | E  | eS<br>F  | 06<br>07   | 48<br>05   | 03                                     |                           |                |                |                |  |             |
| 21. Mai<br>II        | Z<br>NE<br>NE                                  | eP<br>eP<br>e                                    | 10<br>17<br>22                                     | 16<br>(00)<br>(40)                                 | 54                                     |                           |                |                |                | Herdgebiet nach USCGS: Küstengebiet von Chile 37 1/2° S, 73 1/2° W |             |
|                      |  | M <sub>1</sub>                                   | 11   | 04   | 00                                     | 24                        | 450            | 550            |                |  |             |
|                      |  | M <sub>2</sub>                                   |  | 23   | 00                                     | 15-18                     | 150            | 230            |                |  |             |
|                      |  | M <sub>3</sub>                                   |  | 25   | 00                                     | 16-15                     | 190            | 180            |                |  |             |
|                      |  | C  |  |  |  | 16-18                     |                |                |                |  |             |
|                      |  | F  | 15   | 50   |  |                           |                |                |                |  |             |
| 22. Mai<br>I         | Z<br>ZE<br>N<br>ZNE<br>Z<br>N<br>E<br>ZN<br>NE | eP<br>e<br>e<br>ePP<br>ePP<br>e<br>e<br>ePS<br>e | 10<br>50<br>50<br>52<br>55<br>55<br>58<br>11<br>02 | 47<br>26<br>34<br>32<br>06<br>26<br>32<br>02<br>36 |  |                           |                |                | 13000          | Herdgebiet nach USCGS: Chile 38° S, 73 1/2° W                      |             |

PSG Sec.



| Datum                | Komp.                                      | Phase   | MGZ  |  |                | Periode<br>T <sub>s</sub> | Amplitude μm   |                |                | Δ<br>km   | Bemerkungen                                  |
|----------------------|--|---|--|--|----------------|---------------------------|----------------|----------------|----------------|---|--|
|                      |  |   | h  | m  | s              |                           | A <sub>H</sub> | A <sub>M</sub> | A <sub>S</sub> |   |  |
| noch<br>22. Mai<br>I | Z  | ePPS<br>M <sub>1</sub><br>M <sub>2</sub><br>C<br>F              |  | 03<br>36<br>40                                     | 52<br>00<br>00 | 23-25<br>19-18<br>16-18   |                |                |                |   |  |
|                      |  |   | 15   | 00   |                |                           |                |                |                |   |  |
| 22. Mai<br>II        | Z<br>Z<br>Z<br>ZE<br>E<br>N<br>E<br>E<br>E | eP<br>e<br>ePKP<br>ePP<br>eSKS<br>e<br>ePS<br>e<br>e(SS)        | 19<br>14<br>14<br>15<br>21<br>22<br>25<br>30<br>31 | 11<br>28<br>44<br>42<br>36<br>05<br>36<br>55<br>24 | 02             |                           |                |                | 13000          | Herdgebiet nach USCGS: Chile 38° S, 73 1/2° W   |  |
|                      |  |   |  |  |                |                           |                |                |                |   | In den Hauptwellen Wiechert Nadel abgeworfen |
|                      |  |   |  |  |                |                           |                |                |                |   | Geht in weitere Nachstöße über               |
| 23. Mai<br>I         | Z  | e(P)  | 05   | 33   | 25             |                           |                |                |                |   | Weiter im folgenden Nachstoß                 |
| 23. Mai<br>II        | Z  | e<br>F  | 07   | 30   | 09             |                           |                |                |                |   | im Streifenwechsel                           |
| 24. Mai<br>I         | Z<br>Z<br>ZN<br>ZE<br>Z<br>E               | ePKP <sub>1</sub><br>e<br>ePKP <sub>2</sub><br>e<br>e<br>e<br>F | 15<br>06<br>07<br>07<br>11<br>11                   | 06<br>52<br>26<br>32<br>06<br>09                   |                |                           |                |                |                |   | Herdgebiet nach USCGS: Neuseeland            |
|                      |  |   | 17   | 20   |                |                           |                |                |                |   |  |
| 24. Mai<br>II        | Z  | ePKP<br>F   | 20<br>20   | 51<br>53   | 48             |                           |                |                |                |   |  |
| 25. Mai              | Z<br>Z<br>ZE<br>E                          | ePKP<br>e<br>e<br>e<br>F  | 08<br>53<br>55<br>58                               | 40<br>42<br>17<br>08                               |                |                           |                |                |                |   | Weiterer Nachstoß Chile                      |
|                      |  |   |  |  |                |                           |                |                |                |   | im Streifenwechsel                           |
| 26. Mai              | ZNE<br>ZNE<br>N<br>ZN                      | eP<br>e<br>eS<br>e  | 05<br>13<br>15<br>16                               | 13<br>20<br>49<br>09                               | 17             |                           |                |                | 1450           | Herdgebiet nach BCIS: Albanien 40.6° N, 20.6° E |  |



| Datum       | Komp. | Phase          | MGZ |    |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km   | Bemerkungen |
|-------------|-------|----------------|-----|----|------|---------------------------|-------------------------|----------------|----------------|--|-------------|
|             |       |                | b   | m  | s    |                           | A <sub>H</sub>          | A <sub>G</sub> | A <sub>S</sub> |  |             |
| noch        |       |                |     |    |      |                           |                         |                |                |  |             |
| 26. Mai     | N     | i              |     | 17 | 11   |                           |                         |                |                |  |             |
|             | NE    | i              |     | 17 | 22   |                           |                         |                |                |  |             |
|             |       | M <sub>1</sub> |     | 17 | 30   | 10                        |                         | 210            |                |  |             |
|             |       | M <sub>2</sub> |     | 19 | 00   | 10                        | 120                     |                |                |  |             |
|             |       | F              | 06  | 10 |      |                           |                         |                |                |  |             |
| 29. Mai     | Z     | ePP            | 07  | 59 | 16   |                           |                         |                | 13000          | Weiterer<br>Nachstoß<br>Chile<br>38° S,<br>72 1/2° W               |             |
|             | ZE    | e              |     | 59 | 35   |                           |                         |                |                |  |             |
|             | Z     | eSKS           | 08  | 05 | 06   |                           |                         |                |                |  |             |
|             |       | M              |     | 46 | 00   | 20                        | 13                      | 11             |                |  |             |
|             |       | F              | 10  | 00 |      |                           |                         |                |                |  |             |
| 31. Mai     | Z     | eP             | 00  | 32 | 47   |                           |                         |                |                |  |             |
|             |       | F              | 00  | 34 |      |                           |                         |                |                |  |             |
| 31. Mai     | ZNE   | ePKP           | 02  | 58 | 51   |                           |                         |                |                |  |             |
|             |       | F              | 04  | 20 |      |                           |                         |                |                |  |             |
| 31. Mai     | ZN    | eP             | 11  | 13 | 12   |                           |                         |                | 7400           | Herdgebiet<br>nach USCGS:<br>Kleine<br>Antillen<br>18° N,<br>62° W |             |
|             | ZE    | e              |     | 13 | 17   |                           |                         |                |                |  |             |
|             | Z     | e              |     | 13 | 32   |                           |                         |                |                |  |             |
|             | NE    | eS             |     | 22 | 00   |                           |                         |                |                |  |             |
|             | E     | e              |     | 22 | 26   |                           |                         |                |                |  |             |
|             | NE    | e              |     | 23 | 06   |                           |                         |                |                |  |             |
|             |       | M              |     | 40 | 00   | 18                        |                         | 6              |                |  |             |
|             |       | F              | 12  | 25 |      |                           |                         |                |                |  |             |
| <u>Juni</u> |       |                |     |    |      |                           |                         |                |                |  |             |
| 2. Juni     | Z     | ePKP           | 06  | 17 | (05) |                           |                         |                |                |  |             |
|             |       | F              | 07  | 40 |      |                           |                         |                |                |  |             |
| 2. Juni     | Z     | ePKP           | 08  | 06 | 10   |                           |                         |                |                |  |             |
|             | Z     | e              |     | 07 | 47   |                           |                         |                |                |  |             |
|             |       | F              | 10  | 30 |      |                           |                         |                |                |  |             |
| 2. Juni     | Z     | ePKP           | 19  | 17 | 48   |                           |                         |                |                |  |             |
|             |       | F              | 19  | 23 |      |                           |                         |                |                |  |             |
| 3. Juni     | ZNE   | ePKP           | 13  | 42 | 12   |                           |                         |                |                |  |             |
|             | ZN    | eSP            |     | 45 | 30   |                           |                         |                |                |  |             |
|             |       | F              | 13  | 46 |      |                           |                         |                |                |  |             |

| Datum    | Komp. | Phase          | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|----------|-------|----------------|-----|----|----|---------------------------|-------------------------|----------------|----------------|---|-------------|
|          |       |                | b   | m  | s  |                           | A <sub>H</sub>          | A <sub>G</sub> | A <sub>S</sub> |   |             |
| 3. Juni  | Z     | eP             | 16  | 29 | 49 |                           |                         |                |                |   |             |
|          | II    | F              | 16  | 32 |    |                           |                         |                |                |   |             |
| 4. Juni  | Z     | eP             | 08  | 16 | 13 |                           |                         |                |                |   |             |
|          |       | F              | 08  | 40 |    |                           |                         |                |                |   |             |
| 6. Juni  | Z     | eP             | 01  | 30 | 04 |                           |                         |                | 9000           | Herdgebiet<br>nach USCGS:<br>Californien                      |             |
|          | I     | NE             |     | 40 | 12 |                           |                         |                |                |   |             |
|          |       | N              |     | 40 | 41 |                           |                         |                |                |   |             |
|          |       | F              | 03  | 00 |    |                           |                         |                |                |   |             |
| 6. Juni  | Z     | ePKP           | 06  | 14 | 47 |                           |                         |                | 13000          | Herdgebiet<br>nach USCGS:<br>Chile<br>45 1/2° S,<br>73 1/2° W |             |
|          | II    | Z              |     | 15 | 43 |                           |                         |                |                |   |             |
|          |       | M <sub>1</sub> | 07  | 08 | 30 | 15-18                     | 33                      | 80             |                |   |             |
|          |       | M <sub>2</sub> |     | 19 | 00 | 19-18                     | 60                      | 60             |                |   |             |
|          |       | F              | 10  | 00 |    |                           |                         |                |                |   |             |
| 7. Juni  | ZNE   | eIP            | 13  | 08 | 35 |                           |                         |                |                |   |             |
|          |       | F              | 13  | 10 |    |                           |                         |                |                |   |             |
| 8. Juni  | ZNE   | eP             | 16  | 27 | 09 |                           |                         |                | 4200           | Herdgebiet<br>nach USCGS:<br>Nord-Atlantik                    |             |
|          | ZE    | e(PF)          |     | 28 | 33 |                           |                         |                |                |   |             |
|          | ZNE   | eS             |     | 33 | 04 |                           |                         |                |                |   |             |
|          |       | F              | 17  | 20 |    |                           |                         |                |                |   |             |
| 9. Juni  | E     | e              | 08  | 30 | 38 |                           |                         |                |                |   |             |
|          | I     | F              | 08  | 40 |    |                           |                         |                |                |   |             |
| 9. Juni  | Z     | ePKP           | 11  | 43 | 22 |                           |                         |                |                |   |             |
|          | II    | F              | 13  | 45 |    |                           |                         |                |                |   |             |
| 9. Juni  | Z     | eP             | 17  | 54 | 01 |                           |                         |                | 3300           | Herdgebiet<br>nach USCGS:<br>Azoren                           |             |
|          | III   | eS             |     | 59 | 02 |                           |                         |                |                |   |             |
|          |       | F              | 18  | 50 |    |                           |                         |                |                |   |             |
| 10. Juni | Z     | ePKP           | 21  | 31 | 33 |                           |                         |                |                |   |             |
|          |       | e              |     | 34 | 47 |                           |                         |                |                |   |             |
|          |       | e              |     | 35 | 25 |                           |                         |                |                |   |             |
|          |       | F              | 23  | 00 |    |                           |                         |                |                |   |             |
| 11. Juni | Z     | eP             | 00  | 48 | 06 |                           |                         |                |                |   |             |
|          | I     | F              | 00  | 49 |    |                           |                         |                |                |   |             |
| 11. Juni | N     | ePKP           | 15  | 33 | 08 |                           |                         |                | 14000          | Herdgebiet<br>nach USCGS:<br>Insel Entre-<br>casteaux         |             |
|          | II    | e              |     | 33 | 16 |                           |                         |                |                |   |             |
|          |       | ZNE            |     | 35 | 12 |                           |                         |                |                |   |             |



| Datum    | Komp. | Phase          | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen                               |
|----------|-------|----------------|-----|----|----|---------------------------|-------------------------|----------------|----------------|----------------|---|
|          |       |                | h   | m  | s  |                           | A <sub>H</sub>          | A <sub>M</sub> | A <sub>S</sub> |                |   |
| noch     |       |                |     |    |    |                           |                         |                |                |                |   |
| 11. Juni | NE    | ePS            |     | 45 | 08 |                           |                         |                |                |                |   |
| II       |       | M <sub>1</sub> | 16  | 18 | 00 | 24                        | 30                      | 13             |                |                |   |
|          |       | M <sub>2</sub> |     | 32 | 00 | 20                        | 14                      | 13             |                |                |   |
|          |       | F              | 19  | 30 |    |                           |                         |                |                |                |   |
| 11. Juni | Z     | ePKP           | 16  | 56 | 50 |                           |                         |                |                |                | Überlagerter Nachstoß                     |
| III      |       |                |     |    |    |                           |                         |                |                |                |   |
| 15. Juni | Z     | eP             | 15  | 48 | 48 |                           |                         |                | 8600           |                | Herdgebiet nach USCGS: Ostküste von Honde |
| I        | Z     | e              |     | 49 | 02 |                           |                         |                |                |                |   |
|          | Z     | ePP            |     | 51 | 44 |                           |                         |                |                |                |   |
|          | NE    | eS             |     | 58 | 39 |                           |                         |                |                |                |   |
|          | NE    | ePS            |     | 59 | 02 |                           |                         |                |                |                |   |
|          |       | F              | 16  | 45 |    |                           |                         |                |                |                |   |
| 15. Juni | Z     | e(PKP)         | 23  | 10 | 12 |                           |                         |                |                |                |   |
| II       |       | F              | 23  | 11 |    |                           |                         |                |                |                |   |
| 15. Juni | Z     | ePP            | 23  | 46 | 38 |                           |                         |                |                |                | Herdgebiet nach USCGS: Neu-Guinea         |
| III      | Z     | e              |     | 46 | 43 |                           |                         |                |                |                |   |
|          | Z     | e(PS)          |     | 55 | 35 |                           |                         |                |                |                |   |
|          |       | eSS            | 24  | 02 | 29 |                           |                         |                |                |                |   |
|          |       | F              | 26  | 00 |    |                           |                         |                |                |                |   |
| 15. Juni | Z     | ePKP           | 23  | 51 | 23 |                           |                         |                |                |                |   |
| IV       |       | F              |     |    |    |                           |                         |                |                |                | im vorübergehenden Beben                  |
| 16. Juni | Z     | eP             | 10  | 31 | 27 |                           |                         |                |                |                |   |
|          | ZN    | e              |     | 31 | 31 |                           |                         |                |                |                |   |
|          | Z     | e              |     | 34 | 23 |                           |                         |                |                |                |   |
|          | Z     | e              |     | 39 | 50 |                           |                         |                |                |                |   |
|          |       | F              |     |    |    |                           |                         |                |                |                | im Streifenwechsel                        |
| 17. Juni | Z     | ePKP           | 05  | 21 | 11 |                           |                         |                |                |                |   |
| I        |       | F              | 05  | 22 |    |                           |                         |                |                |                |   |
| 17. Juni | Z     | eP             | 16  | 47 | 25 |                           |                         |                |                |                |   |
| II       | ZN    | ePcP           |     | 47 | 39 |                           |                         |                |                |                |   |
|          |       | F              | 18  | 10 |    |                           |                         |                |                |                |   |
| 19. Juni | Z     | e(P)           | 02  | 34 | 30 |                           |                         |                |                |                |   |
| I        |       | F              | 02  | 35 |    |                           |                         |                |                |                |   |
| 19. Juni | NE    | eSg            | 03  | 38 | 30 |                           |                         |                |                |                |   |
| II       |       | F              | 03  | 41 |    |                           |                         |                |                |                | Nahbeben                                  |

| Datum    | Komp. | Phase             | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen  |
|----------|-------|-------------------|-----|----|----|---------------------------|-------------------------|----------------|----------------|----------------|--|
|          |       |                   | h   | m  | s  |                           | A <sub>H</sub>          | A <sub>M</sub> | A <sub>S</sub> |                |  |
| 20. Juni | Z     | eP                | 02  | 16 | 15 |                           |                         |                |                |                |  |
| I        | Z     | ePKP              |     | 20 | 13 |                           |                         |                |                |                | Herdgebiet nach USCGS: Küstengebiet von Chile 38° S, 73 1/2° W |
|          | ZN    | ePP               |     | 21 | 05 |                           |                         |                |                |                |  |
|          | ZE    | e                 |     | 23 | 55 |                           |                         |                |                |                |  |
|          | NE    | eSKS              |     | 26 | 48 |                           |                         |                |                |                |  |
|          | N     | ePS               |     | 30 | 45 |                           |                         |                |                |                |  |
|          | ZE    | e                 |     | 30 | 52 |                           |                         |                |                |                |  |
|          | ZN    | ePPS              |     | 32 | 16 |                           |                         |                |                |                |  |
|          |       | M <sub>1</sub>    | 03  | 08 | 00 | 23                        | 160                     |                |                |                |  |
|          |       | M <sub>2</sub>    |     | 09 | 00 | 21                        |                         | 180            |                |                |  |
|          |       | C                 |     |    |    | 15-18                     |                         |                |                |                |  |
|          |       | F                 | 05  | 30 |    |                           |                         |                |                |                |  |
| 20. Juni | Z     | e PKP             | 13  | 18 | 29 |                           |                         |                |                |                | Herdgebiet nach USCGS: Chile 39 1/2° S, 73° W                  |
| II       | ZE    | ePKP              |     | 19 | 36 |                           |                         |                |                |                |  |
|          | ZNE   | ePP               |     | 19 | 44 |                           |                         |                |                |                |  |
|          | ZE    | ePPP              |     | 22 | 08 |                           |                         |                |                |                |  |
|          | E     | eSKS              |     | 25 | 21 |                           |                         |                |                |                |  |
|          | ZE    | ePS               |     | 29 | 34 |                           |                         |                |                |                |  |
|          | N     | e                 |     | 29 | 41 |                           |                         |                |                |                |  |
|          |       | M <sub>1</sub>    | 14  | 10 | 00 | 18                        |                         | 40             |                |                |  |
|          |       | M <sub>2</sub>    |     | 13 | 00 | 19                        |                         | 50             |                |                |  |
|          |       | C                 |     |    |    | 15-18                     |                         |                |                |                |  |
|          |       | F                 | 16  | 30 |    |                           |                         |                |                |                |  |
| 22. Juni | Z     | eP                | 16  | 21 | 28 |                           |                         |                |                |                |  |
|          |       | F                 | 16  | 52 |    |                           |                         |                |                |                |  |
| 24. Juni | Z     | ePKP              | 15  | 47 | 48 |                           |                         |                |                |                |  |
|          |       | F                 | 15  | 49 |    |                           |                         |                |                |                |  |
| 25. Juni | Z     | e                 | 02  | 23 | 03 |                           |                         |                |                |                | Herdgebiet nach USCGS: Kermadec-Inseln                         |
| I        | Z     | ePKP <sub>2</sub> |     | 23 | 18 |                           |                         |                |                |                |  |
|          | Z     | ePP               |     | 26 | 38 |                           |                         |                |                |                |  |
|          |       | F                 | 02  | 45 |    |                           |                         |                |                |                |  |
| 25. Juni | N     | eSg               | 14  | 31 | 50 |                           |                         |                |                |                | Nahbeben   |
| II       |       | F                 | 14  | 34 |    |                           |                         |                |                |                |  |
| 25. Juni | Z     | ePKP              | 15  | 01 | 44 |                           |                         |                |                |                | Weiterer Stoß Kermadec-Inseln                                  |
| III      | Z     | ePP               |     | 05 | 47 |                           |                         |                | 17700          |                |  |
|          |       | F                 | 17  | 15 |    |                           |                         |                |                |                |  |
| 25. Juni | Z     | eP                | 20  | 04 | 49 |                           |                         |                |                |                |  |
| IV       |       | F                 | 20  | 35 |    |                           |                         |                |                |                |  |



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| Datum    | Komp. | Phase          | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen  |
|----------|-------|----------------|-----|----|----|---------------------------|-------------------------|----------------|----------------|---|--|
|          |       |                | h   | m  | s  |                           | A <sub>H</sub>          | A <sub>M</sub> | A <sub>S</sub> |   |  |
| 29. Juni | Z     | e              | 04  | 49 | 37 |                           |                         |                |                | Weiterer<br>Nachstoß<br>Kermadec-<br>Inseln                   |  |
| I        |       | F              | 04  | 54 |    |                           |                         |                |                |   |  |
| 29. Juni | Z     | e              | 10  | 28 | 39 |                           |                         |                |                |   |  |
| II       |       | F              | 10  | 50 |    |                           |                         |                |                |   |  |
| 30. Juni | Z     | eP             | 20  | 09 | 27 |                           |                         |                |                |   |  |
|          |       | F              | 20  | 12 |    |                           |                         |                |                |   |  |
| Juli     |       |                |     |    |    |                           |                         |                |                |   |  |
| 3. Juli  | ZNE   | eIP            | 20  | 32 | 43 |                           |                         |                | 8600           | Herdgebiet<br>nach USCGS:<br>Aleuten                          |  |
| I        | E     | eP             |     | 32 | 47 |                           |                         |                |                |   |  |
|          | Z     | e              |     | 35 | 39 |                           |                         |                |                |   |  |
|          | ZN    | eIS            |     | 42 | 35 |                           |                         |                |                |   |  |
|          |       | M <sub>1</sub> | 21  | 05 | 30 | 22                        |                         |                |                |   |  |
|          |       | M <sub>2</sub> |     | 14 | 30 | 18                        | 8                       | 5              |                |   |  |
|          |       | F              | 22  | 50 |    |                           |                         |                |                |   |  |
| 3. Juli  | Z     | eP             | 23  | 04 | 23 |                           |                         |                |                | Nachstoß  |  |
| II       |       | F              | 24  | 40 |    |                           |                         |                |                |   |  |
| 4. Juli  | ZNE   | eP             | 04  | 40 | 02 |                           |                         |                | 8000           | Herdgebiet<br>nach USCGS:<br>Königin-<br>Charlotte-<br>Inseln |  |
|          | Z     | e              |     | 42 | 04 |                           |                         |                |                |   |  |
|          | N     | e              |     | 42 | 10 |                           |                         |                |                |   |  |
|          | NE    | eS             |     | 49 | 26 |                           |                         |                |                |   |  |
|          |       | M <sub>1</sub> | 05  | 10 | 00 | 16-22                     | 10                      | 22             |                |   |  |
|          |       | M <sub>2</sub> |     | 13 | 00 | 16                        | 30                      |                |                |   |  |
|          |       | M <sub>3</sub> |     | 15 | 00 | 15-16                     | 20                      | 12             |                |   |  |
|          |       | F              | 08  | 00 |    |                           |                         |                |                |   |  |
| 6. Juli  | Z     | eP             | 05  | 24 | 29 |                           |                         |                | 4800           |   | h = ca.<br>200 km<br>Herdgebiet<br>nach USCGS:<br>Hindukusch |
|          | Z     | epP            |     | 25 | 12 |                           |                         |                |                |   |  |
|          | Z     | ePP            |     | 26 | 25 |                           |                         |                |                |   |  |
|          | E     | e              |     | 27 | 16 |                           |                         |                |                |   |  |
|          | NE    | eS             |     | 30 | 34 |                           |                         |                |                |   |  |
|          | E     | e              |     | 33 | 07 |                           |                         |                |                |   |  |
|          |       | F              | 06  | 00 |    |                           |                         |                |                |   |  |
| 8. Juli  | Z     | eP             | 13  | 03 | 35 |                           |                         |                |                |   |  |
|          |       | F              | 13  | 08 |    |                           |                         |                |                |   |  |
| 9. Juli  | E     | eS             | 22  | 48 | 44 |                           |                         |                |                |   |  |
|          | ZE    | e              |     | 50 | 18 |                           |                         |                |                |   |  |
|          |       | F              | 22  | 57 |    |                           |                         |                |                |   |  |

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| Datum    | Komp. | Phase | MGZ |    |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|----------|-------|-------|-----|----|------|---------------------------|-------------------------|----------------|----------------|---|-------------|
|          |       |       | h   | m  | s    |                           | A <sub>H</sub>          | A <sub>M</sub> | A <sub>S</sub> |   |             |
| 10. Juli | ZNE   | eP    | 00  | 18 | 06   |                           |                         |                | 9500           | Herdgebiet<br>nach USCGS:<br>Westküste<br>von Sumatra |             |
|          | E     | ePP   |     | 21 | 16   |                           |                         |                |                |   |             |
|          | N     | e(S)  |     | 28 | 40   |                           |                         |                |                |   |             |
|          | NE    | e     |     | 28 | 56   |                           |                         |                |                |   |             |
|          |       | F     | 03  | 00 |      |                           |                         |                |                |   |             |
| 11. Juli | Z     | ePKP  | 12  | 14 | 43   |                           |                         |                | 16200          | Herdgebiet<br>nach USCGS:<br>Tonga-Inseln             |             |
|          | Z     | e     |     | 15 | 08   |                           |                         |                |                |   |             |
|          | Z     | ePP   |     | 18 | 01   |                           |                         |                |                |   |             |
|          |       | F     | 12  | 30 |      |                           |                         |                |                |   |             |
| 13. Juli | E     | e     | 10  | 28 | 40   |                           |                         |                |                | Nahbeben  |             |
| I        |       | F     | 10  | 40 |      |                           |                         |                |                |   |             |
| 13. Juli | Z     | eP    | 13  | 04 | 20   |                           |                         |                | 1550           | Herdgebiet<br>nach BCIS:<br>Griechen-<br>land         |             |
| II       | Z     | eS    |     | 07 | 01   |                           |                         |                |                |   |             |
|          |       | F     | 13  | 40 |      |                           |                         |                |                |   |             |
| 14. Juli | Z     | ePg   | 04  | 19 | (49) |                           |                         |                | ca.650         | Herdgebiet<br>nach BCIS:<br>Tolmezzo<br>(Italien)     |             |
| I        | ZN    | e     |     | 20 | 45   |                           |                         |                |                |   |             |
|          | ZNE   | e     |     | 20 | 58   |                           |                         |                |                |   |             |
|          | ZNE   | eSg   |     | 21 | 03   |                           |                         |                |                |   |             |
|          | E     | e     |     | 21 | 16   |                           |                         |                |                |   |             |
|          | ZN    | e     |     | 21 | 44   |                           |                         |                |                |   |             |
|          |       | F     | 04  | 26 |      |                           |                         |                |                |   |             |
| 14. Juli | Z     | eP    | 10  | 40 | 50   |                           |                         |                |                |   |             |
| II       | Z     | e(PF) |     | 45 | 01   |                           |                         |                |                |   |             |
|          |       | F     | 10  | 55 |      |                           |                         |                |                |   |             |
| 14. Juli | Z     | eP    | 18  | 48 | 30   |                           |                         |                |                |   |             |
| III      |       | F     | 18  | 49 |      |                           |                         |                |                |   |             |
| 15. Juli | Z     | eP    | 05  | 13 | 19   |                           |                         |                |                |   |             |
|          |       | F     | 05  | 15 |      |                           |                         |                |                |   |             |
| 16. Juli | Z     | eP    | 22  | 13 | 20   |                           |                         |                |                |   |             |
|          |       | F     | 22  | 14 |      |                           |                         |                |                |   |             |
| 17. Juli | Z     | eP    | 05  | 22 | 35   |                           |                         |                |                |   |             |
|          |       | F     | 06  | 10 |      |                           |                         |                |                |   |             |
| 18. Juli | ZN    | eP    | 19  | 01 | 34   |                           |                         |                |                |   |             |
|          |       | F     | 19  | 05 |      |                           |                         |                |                |   |             |



| Datum           | Komp. | Phase          | MGZ                     |    |    | Periode<br>T <sub>s</sub> | Amplitude μm   |                |                | Δ<br>km  | Bemerkungen |
|-----------------|-------|----------------|-------------------------|----|----|---------------------------|----------------|----------------|----------------|--|-------------|
|                 |       |                | h                       | m  | s  |                           | A <sub>H</sub> | A <sub>Z</sub> | A <sub>Z</sub> |  |             |
| 20. Juli<br>I   | Z     | eP             | 09                      | 42 | 17 |                           |                |                | 8400           | Herdgebiet<br>nach USCGS:<br>Kurilen<br>49° N,<br>157 1/2° E                                   |             |
|                 | B     | e              |                         | 42 | 30 |                           |                |                |                |  |             |
|                 | ZN    | e              |                         | 42 | 35 |                           |                |                |                |  |             |
|                 | N     | ePP            |                         | 45 | 10 |                           |                |                |                |  |             |
|                 | ZNE   | eS             |                         | 51 | 57 |                           |                |                |                |  |             |
|                 |       | F              | im Streifenwechsel      |    |    |                           |                |                |                |  |             |
| 20. Juli<br>II  | Z     | ePKP           | 21                      | 18 | 38 |                           |                |                |                |  |             |
|                 |       | F              | 23                      | 25 |    |                           |                |                |                |  |             |
| 20. Juli<br>III | Z     | e              | 23                      | 15 | 30 |                           |                |                |                | Nahbeben   |             |
|                 | Z     | e              |                         | 15 | 39 |                           |                |                |                |  |             |
|                 |       | F              | im vorhergehenden Beben |    |    |                           |                |                |                |  |             |
| 25. Juli<br>I   | ZNE   | eP             | 03                      | 52 | 18 |                           |                |                | 7800           | Herdgebiet<br>nach USCGS:<br>Kamtschatka<br>55° N,<br>163° E                                   |             |
|                 | N     | ePP            |                         | 54 | 51 |                           |                |                |                |  |             |
|                 | ZNE   | eS             | 04                      | 01 | 28 |                           |                |                |                |  |             |
|                 | N     | e              |                         | 09 | 33 |                           |                |                |                |  |             |
|                 |       | M <sub>1</sub> |                         | 24 | 30 | 17-16                     | 15             | 11             |                |  |             |
|                 |       | M <sub>2</sub> |                         | 28 | 30 | 15-14                     | 14             | 10             |                |  |             |
|                 |       | C              |                         |    |    | 13-15                     |                |                |                |  |             |
|                 |       | F              |                         | 06 | 20 |                           |                |                |                |  |             |
| 25. Juli<br>II  | Z     | eP             | 11                      | 23 | 08 |                           |                |                | 7800           | h = ca.<br>100 km<br>Herdgebiet<br>nach USCGS:<br>Küste von<br>Kamtschatka<br>54° N,<br>159° E |             |
|                 | ZNE   | eP             |                         | 23 | 11 |                           |                |                |                |  |             |
|                 | ZNE   | ePP            |                         | 23 | 28 |                           |                |                |                |  |             |
|                 | Z     | eSP            |                         | 23 | 45 |                           |                |                |                |  |             |
|                 | Z     | e              |                         | 25 | 34 |                           |                |                |                |  |             |
|                 | ZNE   | ePPP           |                         | 27 | 33 |                           |                |                |                |  |             |
|                 | ZNE   | eIS            |                         | 32 | 14 |                           |                |                |                |  |             |
|                 | E     | e              |                         | 33 | 03 |                           |                |                |                |  |             |
|                 | Z     | e              |                         | 33 | 18 |                           |                |                |                |  |             |
|                 |       | F              |                         | 14 | 00 |                           |                |                |                |  |             |
| 26. Juli        | ZE    | eP             | 12                      | 40 | 56 |                           |                |                | 2350           | Herdgebiet<br>nach BCIS:<br>Türkei   |             |
|                 | Z     | e              |                         | 41 | 21 |                           |                |                |                |  |             |
|                 | N     | e              |                         | 41 | 32 |                           |                |                |                |  |             |
|                 | ZE    | eS             |                         | 44 | 48 |                           |                |                |                |  |             |
|                 | NE    | e              |                         | 50 | 30 |                           |                |                |                |  |             |
|                 |       | F              |                         | 13 | 05 |                           |                |                |                |  |             |
| 27. Juli        | Z     | e(FP)          | 10                      | 25 | 31 |                           |                |                |                |  |             |
|                 | Z     | e              |                         | 35 | 36 |                           |                |                |                |  |             |
|                 |       | F              |                         | 12 | 00 |                           |                |                |                |  |             |

| Datum           | Komp.          | Phase          | MGZ |                |    | Periode<br>T <sub>s</sub> | Amplitude μm   |                |                | Δ<br>km                              | Bemerkungen |
|-----------------|----------------|----------------|-----|----------------|----|---------------------------|----------------|----------------|----------------|--------------------------------------|-------------|
|                 |                |                | h   | m              | s  |                           | A <sub>H</sub> | A <sub>Z</sub> | A <sub>Z</sub> |                                      |             |
| 29. Juli<br>I   | Z              | ePKP           | 00  | 43             | 40 |                           |                |                |                |                                      |             |
|                 |                |                | 02  | 45             |    |                           |                |                |                |                                      |             |
| 29. Juli<br>II  | Z              | eP             | 10  | 53             | 13 |                           |                |                |                |                                      |             |
|                 |                |                | 10  | 56             |    |                           |                |                |                |                                      |             |
| 29. Juli<br>III | Z              | eP             | 14  | 41             | 53 |                           |                |                |                |                                      |             |
|                 |                |                | 15  | 30             |    |                           |                |                |                |                                      |             |
| 29. Juli<br>IV  | ZNE            | eP             | 17  | 43             | 35 |                           |                |                | 8700           | Herdgebiet<br>nach USCGS:<br>Hondo   |             |
|                 |                |                | ZNE | ePP            |    | 46                        | 32             |                |                |                                      |             |
|                 |                |                | E   | e              |    | 53                        | 18             |                |                |                                      |             |
|                 |                |                | NE  | e              |    | 53                        | 23             |                |                |                                      |             |
|                 |                |                | NE  | e(S)           |    | 53                        | 44             |                |                |                                      |             |
|                 |                |                |     | M              |    | 18                        | 19             | 00             |                |                                      | 20          |
| 30. Juli        |                | M <sub>1</sub> | 04  | 05             | 00 | 25-27                     | 24             | 28             |                |                                      |             |
|                 |                |                |     | 11             | 30 | 19-18                     | 22             | 18             |                |                                      |             |
|                 |                |                |     | 04             | 25 |                           |                |                |                |                                      |             |
| <u>August</u>   |                |                |     |                |    |                           |                |                |                |                                      |             |
| 4. Aug.         | ZNE            | eP             | 07  | 46             | 36 |                           |                |                | 8300           | Herdgebiet<br>nach USCGS:<br>Aleuten |             |
|                 |                |                | ZN  | ePP            |    | 49                        | 18             |                |                |                                      |             |
|                 |                |                | E   | e              |    | 49                        | 40             |                |                |                                      |             |
|                 |                |                | Z   | e              |    | 51                        | 14             |                |                |                                      |             |
|                 |                |                | NE  | eS             |    | 56                        | 18             |                |                |                                      |             |
|                 |                |                | N   | e              |    | 56                        | 35             |                |                |                                      |             |
|                 |                |                | ZN  | e(PS)          |    | 57                        | 11             |                |                |                                      |             |
|                 |                |                |     | M <sub>1</sub> |    | 08                        | 21             | 00             |                |                                      | 19-21       |
|                 | M <sub>2</sub> |                | 26  | 00             | 19 |                           | 13             |                |                |                                      |             |
| 5. Aug.         | Z              | eP             | 22  | 39             | 24 |                           |                |                |                | Nachstoß                             |             |
|                 |                |                | N   | e(S)           |    | 49                        | 13             |                |                |                                      |             |
|                 |                | F              | 24  | 00             |    |                           |                |                |                |                                      |             |
| 8. Aug.<br>I    | N              | e              | 05  | 49             | 15 |                           |                |                |                | Nahbeben                             |             |
|                 |                |                | F   | 05             | 51 |                           |                |                |                |                                      |             |
| 8. Aug.<br>II   | Z              | eP             | 12  | 36             | 47 |                           |                |                |                |                                      |             |
|                 |                |                | F   | 12             | 38 |                           |                |                |                |                                      |             |



| Datum          | Komp. | Phase          | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km   | Bemerkungen |
|----------------|-------|----------------|-----|----|----|---------------------------|-------------------------|----------------|----------------|--|-------------|
|                |       |                | h   | m  | s  |                           | A <sub>N</sub>          | A <sub>E</sub> | A <sub>S</sub> |  |             |
| 8. Aug.<br>III | Z     | eP             | 20  | 40 | 50 |                           |                         |                |                |  |             |
|                | E     | e              |     | 47 | 43 |                           |                         |                |                |  |             |
|                | E     | e              |     | 48 | 01 |                           |                         |                |                |  |             |
|                |       | F              | 21  | 00 |    |                           |                         |                |                |  |             |
| 9. Aug.<br>I   | Z     | eP             | 06  | 32 | 57 |                           |                         |                |                |  |             |
|                |       | F              | 06  | 35 |    |                           |                         |                |                |  |             |
| 9. Aug.<br>II  | Z     | eP             | 07  | 51 | 45 |                           |                         |                | 9000           | Herdgebiet<br>nach USCGS:<br>Neu-Kali-<br>fornien                  |             |
|                | Z     | e              |     | 52 | 15 |                           |                         |                |                |  |             |
|                | NE    | e(FP)          |     | 55 | 02 |                           |                         |                |                |  |             |
|                | NE    | e(S)           | 08  | 02 | 01 |                           |                         |                |                |  |             |
|                | ZN    | ePS            |     | 02 | 42 |                           |                         |                |                |  |             |
|                |       | M <sub>1</sub> |     | 25 | 30 | 21-20                     | 23                      | 9              |                |  |             |
|                |       | M <sub>2</sub> |     | 30 | 30 | 17                        | 14                      | 6              |                |  |             |
|                | F     | 09             | 45  |    |    |                           |                         |                |                |  |             |
| 9. Aug.<br>III | Z     | ePKP           | 17  | 06 | 12 |                           |                         |                | (17000)        | h = ca.<br>100 km<br>Herdgebiet<br>nach USCGS:<br>Tonga-<br>Inseln |             |
|                | ZN    | e              |     | 06 | 17 |                           |                         |                |                |  |             |
|                | NE    | e(P)           |     | 06 | 33 |                           |                         |                |                |  |             |
|                | ZNE   | eSP            |     | 06 | 53 |                           |                         |                |                |  |             |
|                | E     | e(SS)          |     | 29 | 11 |                           |                         |                |                |  |             |
|                |       | F              | 19  | 00 |    |                           |                         |                |                |  |             |
| 12. Aug.       | Z     | eP             | 13  | 24 | 41 |                           |                         |                |                |  |             |
|                | Z     | e              |     | 24 | 54 |                           |                         |                |                |  |             |
|                |       | F              | 13  | 30 |    |                           |                         |                |                |  |             |
| 13. Aug.<br>I  | ZNE   | eIP            | 07  | 22 | 59 |                           |                         |                | 8500           | Herdgebiet<br>nach USCGS:<br>Ostküste<br>von Hondo                 |             |
|                | Z     | epP            |     | 23 | 10 |                           |                         |                |                |  |             |
|                | Z     | e              |     | 23 | 50 |                           |                         |                |                |  |             |
|                | Z     | e              |     | 25 | 42 |                           |                         |                |                |  |             |
|                | Z     | ePP            |     | 25 | 54 |                           |                         |                |                |  |             |
|                | Z     | e              |     | 26 | 37 |                           |                         |                |                |  |             |
|                | NE    | ePS            |     | 33 | 03 |                           |                         |                |                |  |             |
|                | N     | ePS            |     | 33 | 12 |                           |                         |                |                |  |             |
|                | F     | 08             | 30  |    |    |                           |                         |                |                |  |             |
| 13. Aug.<br>II | Z     | ePKP           | 14  | 33 | 43 |                           |                         |                | 13300          | Herdgebiet<br>nach USCGS:<br>Chile<br>40.4° S,<br>74.9° W          |             |
|                | Z     | ePKP           |     | 33 | 46 |                           |                         |                |                |  |             |
|                | Z     | e              |     | 34 | 30 |                           |                         |                |                |  |             |
|                | ZE    | ePP            |     | 34 | 52 |                           |                         |                |                |  |             |
|                | N     | e              |     | 35 | 06 |                           |                         |                |                |  |             |
|                | NE    | e              |     | 35 | 11 |                           |                         |                |                |  |             |

| Datum            | Komp.          | Phase          | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km   | Bemerkungen |
|------------------|----------------|----------------|-----|----|----|---------------------------|-------------------------|----------------|----------------|--|-------------|
|                  |                |                | h   | m  | s  |                           | A <sub>N</sub>          | A <sub>E</sub> | A <sub>S</sub> |  |             |
| noch             |                |                |     |    |    |                           |                         |                |                |  |             |
| 13. Aug.<br>II   | ZNE            | ePPP           |     | 37 | 40 |                           |                         |                |                |  |             |
|                  | E              | e              |     | 39 | 12 |                           |                         |                |                |  |             |
|                  | E              | eSKS           |     | 40 | 40 |                           |                         |                |                |  |             |
|                  | NE             | e(SKKS)        |     | 42 | 03 |                           |                         |                |                |  |             |
|                  | ZNE            | ePS            |     | 44 | 50 |                           |                         |                |                |  |             |
|                  |                | M <sub>1</sub> |     | 15 | 20 | 00                        | 24                      |                |                | 17   | 26          |
|                  | M <sub>2</sub> |                |     | 23 | 00 | 20                        |                         |                |                | 15   |             |
|                  | M <sub>3</sub> |                |     | 24 | 30 | 18                        |                         |                |                |  |             |
|                  | C              |                |     |    |    | 14-17                     |                         |                |                |  |             |
|                  | F              |                | 17  | 30 |    |                           |                         |                |                |  |             |
| 17. Aug.<br>I    | Z              | eP             | 11  | 35 | 49 |                           |                         |                |                |  |             |
|                  |                | F              | 11  | 39 |    |                           |                         |                |                |  |             |
| 17. Aug.<br>II   | ZN             | e              | 15  | 30 | 40 |                           |                         |                |                |  | Nahbeben    |
|                  |                | F              | 15  | 33 |    |                           |                         |                |                |  |             |
| 18. Aug.         | ZN             | eP             | 20  | 58 | 49 |                           |                         |                |                |  |             |
|                  | N              | e              |     | 59 | 30 |                           |                         |                |                |  |             |
|                  | F              | 21             | 01  |    |    |                           |                         |                |                |  |             |
| 24. Aug.         | Z              | eP             | 01  | 55 | 24 |                           |                         |                |                |  |             |
|                  |                | F              | 03  | 10 |    |                           |                         |                |                |  |             |
| <u>September</u> |                |                |     |    |    |                           |                         |                |                |  |             |
| 1. Sept.         | NE             | eS             | 15  | 58 | 02 |                           |                         |                |                |  |             |
|                  |                | F              | 16  | 50 |    |                           |                         |                |                |  |             |
| 12. Sept.        | NE             | eP             | 12  | 29 | 34 |                           |                         |                |                |  |             |
|                  |                | F              | 13  | 20 |    |                           |                         |                |                |  |             |
| 29. Sept.        | E              | e(SS)          | 11  | 49 | 37 |                           |                         |                |                |  |             |
|                  |                | F              | 11  | 55 |    |                           |                         |                |                |  |             |
| <u>Oktober</u>   |                |                |     |    |    |                           |                         |                |                |  |             |
| 1. Okt.          | Z              | eP             | 16  | 22 | 42 |                           |                         |                | 8500           | Herdgebiet<br>nach USCGS:<br>Fox-Inseln<br>(Aleuten)<br>52.2° N,<br>172.6° W |             |
|                  | ZN             | e              |     | 22 | 45 |                           |                         |                |                |  |             |
|                  | Z              | ePP            |     | 23 | 08 |                           |                         |                |                |  |             |
|                  | Z              | e              |     | 25 | 40 |                           |                         |                |                |  |             |
|                  | NE             | eS             |     | 32 | 27 |                           |                         |                |                |  |             |
|                  | E              | e              |     | 32 | 39 |                           |                         |                |                |  |             |
|                  |                | F              | 18  | 00 |    |                           |                         |                |                |  |             |



| Datum         | Komp.          | Phase  | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|---------------|----------------|--------|-----|----|----|---------------------------|-------------------------|----------------|----------------|---|-------------|
|               |                |        | h   | m  | s  |                           | A <sub>X</sub>          | A <sub>Y</sub> | A <sub>Z</sub> |   |             |
| 6. Okt.<br>I  | Z              | eP     | 16  | 28 | 32 |                           |                         |                | 2800           | Herdgebiet nach USCGS: Südwest-Island                     |             |
|               |                | F      | 17  | 10 |    |                           |                         |                |                |   |             |
| 6. Okt.<br>II | ZNE            | eP     | 20  | 01 | 15 | 19                        | 12                      | 4              |                |   |             |
|               | N              | e      | 02  | 14 |    |                           |                         |                |                |   |             |
|               | ZNE            | eS     | 05  | 45 |    |                           |                         |                |                |   |             |
|               | M <sub>1</sub> |        | 21  | 10 | 00 |                           |                         |                |                |   | 16          |
|               | M <sub>2</sub> |        | 13  | 00 |    |                           |                         |                |                |   |             |
|               | F              | 21     | 50  |    |    |                           |                         |                |                |   |             |
| 7. Okt.<br>I  | N              | eS     | 03  | 25 | 52 |                           |                         |                |                |   |             |
|               |                | F      | 03  | 55 |    |                           |                         |                |                |   |             |
| 7. Okt.<br>II | Z              | eP     | 15  | 33 | 11 | 23-26                     | 10                      | 15             | 12600          | Herdgebiet nach USCGS: Banda-See 7.5° S, 130.7° E         |             |
|               | Z              | e      | 33  | 29 |    |                           |                         |                |                |   |             |
|               | ZE             | ePKP   | 37  | 07 |    |                           |                         |                |                |   |             |
|               | Z              | e      | 37  | 25 |    |                           |                         |                |                |   |             |
|               | ZE             | eFP    | 37  | 52 |    |                           |                         |                |                |   |             |
|               | ZNE            | e      | 38  | 11 |    |                           |                         |                |                |   |             |
|               | E              | e      | 38  | 40 |    |                           |                         |                |                |   |             |
|               | Z              | ePPP   | 40  | 26 |    |                           |                         |                |                |   |             |
|               | E              | e(SKS) | 43  | 47 |    |                           |                         |                |                |   |             |
|               | ZE             | ePS    | 47  | 25 |    |                           |                         |                |                |   |             |
|               | M              | 16     | 26  | 00 |    |                           |                         |                |                |   |             |
|               | F              | 18     | 00  |    |    |                           |                         |                |                |   |             |
| 8. Okt.<br>I  | ZNE            | eP     | 06  | 05 | 34 | 13                        | 19                      | 16             | 8100           | h = ca. 600 km<br>Herdgebiet nach USCGS: Japanisches Meer |             |
|               | ZNE            | eIP    | 03  | 37 |    |                           |                         |                |                |   |             |
|               | NE             | ei     | 03  | 39 |    |                           |                         |                |                |   |             |
|               | N              | e      | 04  | 12 |    |                           |                         |                |                |   |             |
|               | ZNE            | e      | 04  | 35 |    |                           |                         |                |                |   |             |
|               | Z              | epP    | 05  | 37 |    |                           |                         |                |                |   |             |
|               | Z              | e      | 05  | 47 |    |                           |                         |                |                |   |             |
|               | Z              | e      | 06  | 22 |    |                           |                         |                |                |   |             |
|               | ZNE            | ePP    | 06  | 31 |    |                           |                         |                |                |   |             |
|               | ZNE            | eS     | 12  | 13 |    |                           |                         |                |                |   |             |
|               | E              | e      | 12  | 29 |    |                           |                         |                |                |   |             |
|               | ZN             | ePS    | 12  | 40 |    |                           |                         |                |                |   |             |
|               |                | M      | 37  | 00 |    |                           |                         |                |                |   |             |
|               | F              | 08     | 00  |    |    |                           |                         |                |                |   |             |
| 8. Okt.<br>II | Z              | e      | 06  | 30 | 02 |                           |                         |                |                | im vorhergehenden Beben                                   |             |
|               |                | F      |     |    |    |                           |                         |                |                |   |             |

| Datum          | Komp.          | Phase | MGZ |    |       | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km   | Bemerkungen |    |    |
|----------------|----------------|-------|-----|----|-------|---------------------------|-------------------------|----------------|----------------|--|-------------|----|----|
|                |                |       | h   | m  | s     |                           | A <sub>X</sub>          | A <sub>Y</sub> | A <sub>Z</sub> |  |             |    |    |
| 8. Okt.<br>III | Z              | eP    | 20  | 51 | (58)  |                           |                         |                |                |  |             |    |    |
|                |                | F     | 22  | 15 |       |                           |                         |                |                |  |             |    |    |
| 9. Okt.        | ZNE            | eIP   | 09  | 12 | 22    |                           |                         |                | 8500           | h = ca. 150 km<br>Herdgebiet nach USCGS: Küstengebiet von Nord-Hondo |             |    |    |
|                | Z              | e     | 12  | 32 |       |                           |                         |                |                |  |             |    |    |
|                | ZE             | epP   | 12  | 54 |       |                           |                         |                |                |  |             |    |    |
|                | Z              | e     | 13  | 35 |       |                           |                         |                |                |  |             |    |    |
|                | Z              | e(FP) | 15  | 46 |       |                           |                         |                |                |  |             |    |    |
|                | ZNE            | eIS   | 22  | 02 |       |                           |                         |                |                |  |             |    |    |
|                | F              | 10    | 30  |    |       |                           |                         |                |                |  |             |    |    |
| 13. Okt.<br>I  | ZNE            | ePn   | 02  | 23 | 59    |                           |                         |                | 1300           | Herdgebiet nach BCIS: Rumänien 45.2° N, 25.8° E                      |             |    |    |
|                | N              | e     | 25  | 47 |       |                           |                         |                |                |  |             |    |    |
|                | Z              | eSn   | 26  | 02 |       |                           |                         |                |                |  |             |    |    |
|                | NE             | e     | 27  | 34 |       |                           |                         |                |                |  |             |    |    |
|                | ZN             | e     | 27  | 41 |       |                           |                         |                |                |  |             |    |    |
|                | Z              | e     | 28  | 08 |       |                           |                         |                |                |  |             |    |    |
|                | F              | 02    | 35  |    |       |                           |                         |                |                |  |             |    |    |
| 13. Okt.<br>II | ZN             | eP    | 15  | 03 | 47    | 16                        | 8                       |                | 7800           | Herdgebiet nach USCGS: Kamtschatka 54.8° N, 161.2° E                 |             |    |    |
|                | ZNE            | eP    | 03  | 49 |       |                           |                         |                |                |  |             |    |    |
|                | E              | e     | 04  | 25 |       |                           |                         |                |                |  |             |    |    |
|                | Z              | ePP   | 06  | 29 |       |                           |                         |                |                |  |             |    |    |
|                | Z              | e     | 08  | 11 |       |                           |                         |                |                |  |             |    |    |
|                | Z              | e     | 09  | 01 |       |                           |                         |                |                |  |             |    |    |
|                | NE             | eS    | 12  | 59 |       |                           |                         |                |                |  |             |    |    |
|                | Z              | e     | 13  | 05 |       |                           |                         |                |                |  |             |    |    |
|                | NE             | e     | 13  | 14 |       |                           |                         |                |                |  |             |    |    |
|                | ZN             | ePS   | 13  | 48 |       |                           |                         |                |                |  |             |    |    |
| E              | e(ScS)         | 14    | 05  |    |       |                           |                         |                |                |  |             |    |    |
|                | M              | 40    | 00  |    |       |                           |                         |                |                |  |             |    |    |
|                | F              | 17    | 50  |    |       |                           |                         |                |                |  |             |    |    |
| 14. Okt.<br>I  | ZNE            | eF    | 21  | 31 | 00    |                           |                         |                |                | Herdgebiet nach USCGS: Fox-Inseln (Aleuten)                          |             |    |    |
|                | Z              | e     | 32  | 46 |       |                           |                         |                |                |  |             |    |    |
|                | ZNE            | e(S)  | 40  | 38 |       |                           |                         |                |                |  |             |    |    |
|                | M <sub>1</sub> |       | 22  | 05 | 00    |                           |                         |                |                |  | 20          | 9  | 11 |
|                | M <sub>2</sub> |       | 10  | 30 | 19-16 |                           |                         |                |                |  | 8           | 11 |    |
|                | F              | 24    | 15  |    |       |                           |                         |                |                |  |             |    |    |
| 14. Okt.<br>II | Z              | eP    | 23  | 01 | 31    |                           |                         |                |                | im vorhergehenden Beben  |             |    |    |
|                |                | F     |     |    |       |                           |                         |                |                |  |             |    |    |



| Datum           | Komp. | Phase          | MGZ |    |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km   | Bemerkungen |
|-----------------|-------|----------------|-----|----|------|---------------------------|-------------------------|----------------|----------------|--|-------------|
|                 |       |                | h   | m  | s    |                           | A <sub>N</sub>          | A <sub>Z</sub> | A <sub>Z</sub> |  |             |
| 20. Okt.        | Z     | ePKP           | 11  | 25 | 14   |                           |                         |                | 15000          | Herdgebiet nach USCGS: Santa-Cruz-Inseln                                     |             |
|                 | ZE    | eFP            |     | 27 | 33   |                           |                         |                |                |  |             |
|                 | ZNE   | eSKP           |     | 28 | 42   |                           |                         |                |                |  |             |
|                 | F     |                | 12  | 35 |      |                           |                         |                |                |  |             |
| 22. Okt.<br>I   | Z     | ePKP           | 08  | 41 | 04   |                           |                         |                |                | Herdgebiet nach USCGS: Salomon-Inseln  |             |
|                 | ZN    | epPKP          |     | 43 | 31   |                           |                         |                |                |  |             |
|                 | Z     | e(sPKP)        |     | 43 | 36   |                           |                         |                |                |  |             |
|                 | ZNE   | e              |     | 44 | 24   |                           |                         |                |                |  |             |
| 22. Okt.<br>II  | ZNE   | e              | 19  | 21 | 49   |                           |                         |                |                | Nahbeben   |             |
|                 | N     | e              |     | 22 | 37   |                           |                         |                |                |  |             |
|                 | ZE    | e              |     | 22 | (58) |                           |                         |                |                |  |             |
|                 | ZNE   | e              |     | 23 | 06   |                           |                         |                |                |  |             |
| 26. Okt.        | NE    | e              | 12  | 34 | 34   |                           |                         |                |                | Nahbeben   |             |
|                 |       | F              | 12  | 36 |      |                           |                         |                |                |  |             |
| 27. Okt.        | Z     | eP             | 15  | 44 | 07   |                           |                         |                | 2500           | Herdgebiet nach USCGS: Östlich von Jan Mayen                                 |             |
|                 | Z     | e              |     | 44 | 17   |                           |                         |                |                |  |             |
|                 | NE    | eS             |     | 48 | 11   |                           |                         |                |                |  |             |
|                 | F     |                | 16  | 10 |      |                           |                         |                |                |  |             |
| 28. Okt.<br>I   | ZNE   | eP             | 04  | 23 | 31   |                           |                         |                | 2500           | Weiterer Stoß Jan Mayen  |             |
|                 | ZNE   | eP             |     | 23 | 33   |                           |                         |                |                |  |             |
|                 | ZE    | e              |     | 23 | 38   |                           |                         |                |                |  |             |
|                 | ZE    | e              |     | 23 | 47   |                           |                         |                |                |  |             |
|                 | E     | e              |     | 24 | 20   |                           |                         |                |                |  |             |
|                 | NE    | eS             |     | 27 | 30   |                           |                         |                |                |  |             |
|                 | E     | e              |     | 27 | 50   |                           |                         |                |                |  |             |
|                 |       | M <sub>1</sub> |     | 32 | 30   | 15                        | 7                       | 14             |                |  |             |
|                 |       | M <sub>2</sub> |     | 34 | 30   | 12-13                     | 10                      | 7              |                |  |             |
|                 |       | F              |     | 05 | 40   |                           |                         |                |                |  |             |
| 28. Okt.<br>II  | Z     | eP             | 07  | 51 | 24   |                           |                         |                | 2450           | Weiterer Nachstoß  |             |
|                 | NE    | eS             |     | 55 | 23   |                           |                         |                |                |  |             |
|                 | F     |                | 08  | 20 |      |                           |                         |                |                |  |             |
| 28. Okt.<br>III | ZNE   | eIP            | 13  | 29 | 29   |                           |                         |                | 7900           | h = ca. 100 km<br>Herdgebiet nach USCGS: Kamtschatka<br>52.2° N,<br>157.4° E |             |
|                 | ZE    | esP            |     | 30 | 08   |                           |                         |                |                |  |             |
|                 | ZE    | eFP            |     | 32 | 09   |                           |                         |                |                |  |             |
|                 | ZE    | e(FFP)         |     | 34 | 00   |                           |                         |                |                |  |             |
|                 | Z     | e              |     | 34 | 17   |                           |                         |                |                |  |             |

| Datum           | Komp. | Phase  | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|-----------------|-------|--------|-----|----|----|---------------------------|-------------------------|----------------|----------------|---|-------------|
|                 |       |        | h   | m  | s  |                           | A <sub>N</sub>          | A <sub>Z</sub> | A <sub>Z</sub> |   |             |
| noch            |       |        |     |    |    |                           |                         |                |                |   |             |
| 28. Okt.<br>III | N     | e      | 13  | 34 | 23 |                           |                         |                |                |   |             |
|                 | ZNE   | eS     |     | 38 | 38 |                           |                         |                |                |   |             |
|                 | N     | e(sS)  |     | 39 | 30 |                           |                         |                |                |   |             |
|                 | Z     | e      |     | 39 | 37 |                           |                         |                |                |   |             |
| 28. Okt.<br>IV  | Z     | eP     | 15  | 00 |    |                           |                         |                | 9200           | h = ca. 100 km<br>Herdgebiet nach USCGS: Ostküste von Hondo       |             |
|                 | Z     | e      |     | 41 | 43 |                           |                         |                |                |   |             |
|                 | Z     | eP     |     | 41 | 56 |                           |                         |                |                |   |             |
|                 | NE    | eS     |     | 45 | 05 |                           |                         |                |                |   |             |
| 29. Okt.<br>I   | Z     | eP     | 22  | 41 | 43 |                           |                         |                | 18-16          | 4   |             |
|                 | Z     | e      |     | 41 | 56 |                           |                         |                |                |   |             |
|                 | Z     | eP     |     | 45 | 05 |                           |                         |                |                |   |             |
|                 | NE    | eS     |     | 51 | 57 |                           |                         |                |                |   |             |
| 29. Okt.<br>I   | Z     | ePn    | 00  | 10 | 43 |                           |                         |                | 970            | Herdgebiet nach BCIS: Etruskischer Apennin<br>44.0° N,<br>11.3° E |             |
|                 | NE    | e      |     | 12 | 26 |                           |                         |                |                |   |             |
|                 | NE    | e      |     | 12 | 48 |                           |                         |                |                |   |             |
|                 | NE    | e      |     | 13 | 01 |                           |                         |                |                |   |             |
| 29. Okt.<br>II  | Z     | eP     |     | 13 | 08 |                           |                         |                |                |   |             |
|                 | E     | e      |     | 13 | 13 |                           |                         |                |                |   |             |
|                 | NE    | eSg    |     | 13 | 19 |                           |                         |                |                |   |             |
|                 | ZNE   | e      |     | 13 | 28 |                           |                         |                |                |   |             |
| 29. Okt.<br>III | N     | e      |     | 13 | 49 |                           |                         |                |                | im vorhergehenden Beben   |             |
|                 | F     |        |     |    |    |                           |                         |                |                |   |             |
|                 | Z     | eP     | 04  | 27 | 02 |                           |                         |                |                |   |             |
|                 | F     |        | 04  | 28 |    |                           |                         |                |                |   |             |
| 29. Okt.<br>III | Z     | eP     | 13  | 31 | 48 |                           |                         |                |                |   |             |
|                 | F     |        | 13  | 48 |    |                           |                         |                |                |   |             |
| 30. Okt.<br>I   | N     | e      | 12  | 40 | 27 |                           |                         |                |                |   |             |
|                 | E     | e      |     | 42 | 10 |                           |                         |                |                |   |             |
| 30. Okt.<br>II  | F     |        | 14  | 00 |    |                           |                         |                |                |   |             |
|                 | Z     | eP     | 21  | 47 | 09 |                           |                         |                |                |   |             |
| 30. Okt.<br>II  | E     | e(SKS) |     | 57 | 17 |                           |                         |                |                |   |             |
|                 | E     | e      |     | 58 | 23 |                           |                         |                |                |   |             |
|                 | F     |        | 22  | 50 |    |                           |                         |                |                |   |             |
| 31. Okt.        | Z     | eP     | 23  | 55 | 29 |                           |                         |                |                |   |             |
|                 | F     |        | 23  | 56 |    |                           |                         |                |                |   |             |



| Datum           | Komp. | Phase          | MGZ                     |    |       | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|-----------------|-------|----------------|-------------------------|----|-------|---------------------------|-------------------------|----------------|----------------|---|-------------|
|                 |       |                | h                       | m  | s     |                           | A <sub>H</sub>          | A <sub>B</sub> | A <sub>Z</sub> |   |             |
| <b>November</b> |       |                |                         |    |       |                           |                         |                |                |   |             |
| 1. Nov.         | Z     | eP             | 06                      | 26 | 23    |                           |                         |                | 13000          | Herdegebiet nach USCGS: Chile 38.5° S, 75.1° W                            |             |
| I               |       | F              | 07                      | 10 |       |                           |                         |                |                |   |             |
| 1. Nov.         | Z     | ePKP           | 09                      | 04 | 43    |                           |                         |                |                |   |             |
| II              | Z     | e              | 06                      | 09 |       |                           |                         |                |                |   |             |
|                 | ZE    | ePPP           | 08                      | 34 |       |                           |                         |                |                |   |             |
|                 | Z     | e              | 10                      | 31 |       |                           |                         |                |                |   |             |
|                 | Z     | ePS            | 15                      | 39 |       |                           |                         |                |                |   |             |
|                 |       | M <sub>1</sub> | 40                      | 00 | 35-32 | 30                        | 24                      |                |                |   |             |
|                 |       | M <sub>2</sub> | 54                      | 00 | 20    | 45                        |                         |                |                |   |             |
|                 |       | M <sub>3</sub> | 55                      | 30 | 19    |                           | 40                      |                |                |   |             |
|                 |       | C              |                         |    | 14-16 |                           |                         |                |                |   |             |
|                 |       | F              | 11                      | 30 |       |                           |                         |                |                |   |             |
| 1. Nov.         | Z     | e              | 09                      | 15 | 15    |                           |                         |                |                |   |             |
| III             |       | F              | im vorhergehenden Beben |    |       |                           |                         |                |                |   |             |
| 2. Nov.         | Z     | eP             | 16                      | 42 | 34    |                           |                         |                |                |   |             |
| I               |       | F              | 16                      | 44 |       |                           |                         |                |                |   |             |
| 2. Nov.         | Z     | ePKP           | 17                      | 34 | 06    |                           |                         |                | 12             | Herdegebiet nach USCGS: Santa-Cruz-Inseln                                 |             |
| II              | Z     | eSKP           |                         | 37 | 33    | 20                        |                         |                |                |   |             |
|                 |       | M              | 18                      | 39 | 00    |                           |                         |                |                |   |             |
|                 |       | F              | 20                      | 00 |       |                           |                         |                |                |   |             |
| 5. Nov.         | ZN    | eP             | 20                      | 24 | 15    |                           |                         |                | 1650           | Herdegebiet nach BCIS: Grenzgebiet Albanien-Griechenland 39.4° N, 20.5° E |             |
|                 | ZNE   | e              |                         | 24 | 22    |                           |                         |                |                |   |             |
|                 | ZNE   | ePP            |                         | 24 | 26    |                           |                         |                |                |   |             |
|                 | N     | e              |                         | 24 | 48    |                           |                         |                |                |   |             |
|                 | E     | e              |                         | 25 | 29    |                           |                         |                |                |   |             |
|                 | Z     | eS             |                         | 27 | 07    |                           |                         |                |                |   |             |
|                 | NE    | e              |                         | 27 | 14    |                           |                         |                |                |   |             |
|                 | Z     | e              |                         | 27 | 27    |                           |                         |                |                |   |             |
|                 | ZN    | e              |                         | 27 | 36    |                           |                         |                |                |   |             |
|                 |       | F              | 21                      | 20 |       |                           |                         |                |                |   |             |
| 6. Nov.         | ZNE   | eP             | 04                      | 49 | 36    |                           |                         |                | 7900           | Herdegebiet nach USCGS: Ostküste von Kamtschatka 53.2° N, 159.8° E        |             |
| I               | ZNE   | eIP            |                         | 49 | 39    |                           |                         |                |                |   |             |
|                 | N     | e              |                         | 53 | 25    |                           |                         |                |                |   |             |
|                 | ZNE   | eS             |                         | 58 | 53    |                           |                         |                |                |   |             |
|                 | NE    | e(PS)          |                         | 59 | 12    |                           |                         |                |                |   |             |
|                 |       | M              | 05                      | 22 | 30    | 17                        |                         |                |                |   |             |
|                 |       | F              | 06                      | 05 |       |                           | 5                       |                |                |   |             |

| Datum    | Komp. | Phase          | MGZ |    |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km   | Bemerkungen |
|----------|-------|----------------|-----|----|------|---------------------------|-------------------------|----------------|----------------|--|-------------|
|          |       |                | h   | m  | s    |                           | A <sub>H</sub>          | A <sub>B</sub> | A <sub>Z</sub> |  |             |
| 6. Nov.  | Z     | e              | 06  | 35 | 16   |                           |                         |                |                |  |             |
| II       |       | F              | 08  | 30 |      |                           |                         |                |                |  |             |
| 6. Nov.  | Z     | eP             | 22  | 21 | 49   |                           |                         |                |                |  |             |
| III      |       | F              | 23  | 30 |      |                           |                         |                |                |  |             |
| 9. Nov.  | Z     | e              | 03  | 37 | 48   |                           |                         |                |                |  |             |
| I        | Z     | e              |     | 38 | 04   |                           |                         |                |                |  |             |
|          |       | F              | 05  | 45 |      |                           |                         |                |                |  |             |
| 9. Nov.  | ZE    | eP             | 10  | 54 | 26   |                           |                         |                | 7300           | Herdegebiet nach USCGS: Provinz Szechwan (China) 32.8° N, 103.4° E |             |
| II       | NE    | eS             | 11  | 03 | 08   | 16-9                      | 55                      | 15             |                |  |             |
|          |       | M              | 20  | 00 |      |                           |                         |                |                |  |             |
|          |       | F              | 12  | 10 |      |                           |                         |                |                |  |             |
| 11. Nov. | Z     | eP             | 05  | 35 | 08   |                           |                         |                |                |  |             |
| NE       |       | e              |     | 40 | (00) |                           |                         |                |                |  |             |
|          |       | F              | 05  | 48 |      |                           |                         |                |                |  |             |
| 13. Nov. | ZE    | e              | 06  | 55 | 18   |                           |                         |                |                |  |             |
| I        |       | F              | 07  | 10 |      |                           |                         |                |                |  |             |
| 13. Nov. | ZN    | eP             | 09  | 32 | 25   |                           |                         |                | 8600           | Herdegebiet nach USCGS: Fox-Inseln (Aleuten) 51.4° N, 168.8° E     |             |
| II       | NE    | e              |     | 32 | 29   |                           |                         |                |                |  |             |
|          | E     | e              |     | 32 | 35   |                           |                         |                |                |  |             |
|          | E     | e              |     | 32 | 53   |                           |                         |                |                |  |             |
|          | E     | e              |     | 39 | 19   |                           |                         |                |                |  |             |
|          | E     | e              |     | 42 | 01   |                           |                         |                |                |  |             |
|          | E     | e              |     | 42 | 09   |                           |                         |                |                |  |             |
|          | ZNE   | eS             |     | 42 | 16   |                           |                         |                |                |  |             |
|          | NE    | e(PS)          |     | 43 | 00   |                           |                         |                |                |  |             |
|          |       | M <sub>1</sub> |     | 59 | 30   | 30                        | 55                      |                |                |  |             |
|          |       | M <sub>2</sub> | 10  | 03 | 30   | 24                        | 30                      |                |                |  |             |
|          |       | M <sub>3</sub> |     | 05 | 00   | 20-24                     | 20                      | 26             |                |  |             |
|          |       | C              |     |    |      | 13-16                     |                         |                |                |  |             |
|          |       | F              | 12  | 40 |      |                           |                         |                |                |  |             |
| 16. Nov. | Z     | eP             | 23  | 09 | 08   |                           |                         |                |                |  |             |
|          | Z     | e              |     | 09 | 14   |                           |                         |                |                |  |             |
|          |       | F              | 23  | 40 |      |                           |                         |                |                |  |             |
| 18. Nov. | Z     | eP             | 06  | 08 | 14   |                           |                         |                |                |  |             |
|          | Z     | e              |     | 08 | 24   |                           |                         |                |                |  |             |
|          |       | F              | 06  | 22 |      |                           |                         |                |                |  |             |



| Datum          | Komp. | Phase | MGZ            |    |    | Periode<br>T <sub>s</sub>     | Amplitude $\mu\text{m}$ |                |  | $\Delta$<br>km  | Bemerkungen |
|----------------|-------|-------|----------------|----|----|-------------------------------|-------------------------|----------------|--|---|-------------|
|                |       |       | h              | m  | s  |                               | A <sub>N</sub>          | A <sub>E</sub> | A <sub>Z</sub>   |   |             |
| 20. Nov.       | ZE    | eP    | 22             | 15 | 33 | 30<br>16-18                   | 20                      | 17             | 11900  | h = ca.<br>60 km<br>Herdgebiet<br>nach USCGS:<br>Peru<br>6.8° S,<br>81.0° W |             |
|                |       | Z     | epP            | 15 | 51 |                               |                         |                |  |   |             |
|                |       | E     | eFP            | 19 | 20 |                               |                         |                |  |   |             |
|                |       | Z     | e              | 19 | 33 |                               |                         |                |  |   |             |
|                |       | Z     | epPP           | 19 | 48 |                               |                         |                |  |   |             |
|                |       | NE    | eSKS           | 26 | 10 |                               |                         |                |  |   |             |
|                |       | NE    | e              | 26 | 32 |                               |                         |                |  |   |             |
|                |       | N     | eS             | 27 | 02 |                               |                         |                |  |   |             |
|                |       | NE    | eS             | 27 | 07 |                               |                         |                |  |   |             |
|                |       |       | M              | 51 | 00 |                               |                         |                |  |   |             |
|                | C     |       |                |    |    |                               |                         |                |  |   |             |
|                | F     | 25    | 25             |    |    |                               |                         |                |  |   |             |
| 22. Nov.       | Z     | ePKP  | 03             | 51 | 37 |                               |                         |                |  |   |             |
|                |       | Z     | e              | 51 | 48 |                               |                         |                |  |   |             |
|                |       | F     | 04             | 00 |    |                               |                         |                |  |   |             |
| 23. Nov.<br>I  | Z     | ePKP  | 14             | 32 | 12 | 20                            | 18                      | 17000          | Herdgebiet<br>nach USCGS:<br>Südlich der<br>Tonga-Inseln<br>24.4° S,<br>176.1° W |   |             |
|                |       | ZE    | ePKP           | 32 | 15 |                               |                         |                |  |   |             |
|                |       | ZN    | e              | 32 | 21 |                               |                         |                |  |   |             |
|                |       | N     | e              | 32 | 33 |                               |                         |                |  |   |             |
|                |       | E     | e              | 32 | 48 |                               |                         |                |  |   |             |
|                |       | ZN    | ePP            | 35 | 57 |                               |                         |                |  |   |             |
|                |       |       | M              | 15 | 49 |                               |                         |                |  | 00  |             |
|                | F     | 17    | 00             |    |    |                               |                         |                |  |   |             |
| 23. Nov.<br>II | Z     | ePKP  | 18             | 16 | 28 |                               |                         | 17000          | Nachstoß   |   |             |
|                |       | Z     | ePP            | 20 | 19 |                               |                         |                |  |   |             |
|                |       | F     | 18             | 21 |    |                               |                         |                |  |   |             |
| 24. Nov.       | E     | ePKP  | 07             | 12 | 29 | 26<br>21<br>20<br>19<br>15-17 | 45<br>24                | 17000          | Weiterer<br>Nachstoß   |   |             |
|                |       | ZE    | e              | 12 | 33 |                               |                         |                |  |   |             |
|                |       | ZNE   | e              | 12 | 37 |                               |                         |                |  |   |             |
|                |       | N     | e              | 12 | 41 |                               |                         |                |  |   |             |
|                |       | N     | e              | 12 | 55 |                               |                         |                |  |   |             |
|                |       | NE    | ePP            | 16 | 20 |                               |                         |                |  |   |             |
|                |       |       | M <sub>1</sub> | 08 | 15 |                               |                         |                |  | 00  |             |
|                |       |       | M <sub>2</sub> | 22 | 30 |                               |                         |                |  |   |             |
|                |       |       | M <sub>3</sub> | 27 | 30 |                               |                         |                |  |   |             |
|                |       |       | M <sub>4</sub> | 30 | 00 |                               |                         |                |  |   |             |
|                | C     |       |                |    |    |                               |                         |                |  |   |             |
|                | F     | 09    | 30             |    |    |                               |                         |                |  |   |             |

| Datum           | Komp.          | Phase | MGZ                |    |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|-----------------|----------------|-------|--------------------|----|------|---------------------------|-------------------------|----------------|----------------|---|-------------|
|                 |                |       | h                  | m  | s    |                           | A <sub>N</sub>          | A <sub>E</sub> | A <sub>Z</sub> |   |             |
| <u>Dezember</u> |                |       |                    |    |      |                           |                         |                |                |   |             |
| 1. Dez.         | Z              | eP    | 21                 | 01 | 24   |                           |                         |                |                |   |             |
|                 |                | F     | 22                 | 00 |      |                           |                         |                |                |   |             |
| 2. Dez.         | Z              | eP    | 09                 | 25 | (00) | 30-36<br>17-21            | 70                      | 100            | 11700          | Herdgebiet<br>nach USCGS:<br>Küstengebiet<br>von Chile<br>24.6° S,<br>69.7° W |             |
|                 |                | Z     | e                  | 28 | 25   |                           |                         |                |                |   |             |
|                 |                | Z     | ePP                | 29 | 10   |                           |                         |                |                |   |             |
|                 |                | ZN    | e                  | 29 | 35   |                           |                         |                |                |   |             |
|                 |                | E     | eSKS               | 35 | 51   |                           |                         |                |                |   |             |
|                 |                | E     | ePS                | 38 | 28   |                           |                         |                |                |   |             |
|                 |                | E     | e                  | 38 | 36   |                           |                         |                |                |   |             |
|                 |                | Z     | e                  | 38 | 44   |                           |                         |                |                |   |             |
|                 |                | E     | e                  | 38 | 56   |                           |                         |                |                |   |             |
|                 |                |       | M <sub>1</sub>     | 10 | 04   |                           |                         |                |                |   | 30          |
|                 | M <sub>2</sub> | 10    | 00                 |    |      |                           |                         |                |                |   |             |
|                 | F              | 12    | 00                 |    |      |                           |                         |                |                |   |             |
| 3. Dez.         | ZNE            | eP    | 04                 | 34 | 12   | 6<br>15                   | 45                      | 80             | 6400           | Herdgebiet<br>nach USCGS:<br>Äußere<br>Mongolei                               |             |
|                 |                | Z     | ePPP               | 37 | 31   |                           |                         |                |                |   |             |
|                 |                | Z     | e(SS)              | 47 | 13   |                           |                         |                |                |   |             |
|                 |                |       | M <sub>1</sub>     | 56 | 00   |                           |                         |                |                |   |             |
|                 |                |       | M <sub>2</sub>     | 05 | 01   |                           |                         |                |                |   | 30          |
|                 | F              | 06    | 10                 |    |      |                           |                         |                |                |   |             |
| 5. Dez.<br>I    | Z              | eP    | 18                 | 18 | 41   |                           |                         |                |                |   |             |
|                 |                | F     | 18                 | 20 |      |                           |                         |                |                |   |             |
| 5. Dez.<br>II   | Z              | eP    | 21                 | 26 | 39   |                           |                         |                |                |   |             |
|                 |                | E     | e                  | 27 | 14   |                           |                         |                |                |   |             |
|                 | F              | 21    | 40                 |    |      |                           |                         |                |                |   |             |
| 6. Dez.<br>I    | Z              | eP    | 09                 | 09 | 14   |                           |                         |                |                |   |             |
|                 |                | F     | im folgenden Beben |    |      |                           |                         |                |                |   |             |
| 6. Dez.<br>II   | Z              | eP    | 09                 | 10 | 08   |                           |                         |                |                |   |             |
|                 |                | Z     | e                  | 10 | 21   |                           |                         |                |                |   |             |
|                 |                | ZNE   | e(PP)              | 14 | 35   |                           |                         |                |                |   |             |
|                 |                | F     | 10                 | 10 |      |                           |                         |                |                |   |             |
| 8. Dez.         | Z              | ePKP  | 01                 | 42 | 55   |                           |                         |                |                |   |             |
|                 |                | F     | 01                 | 43 |      |                           |                         |                |                |   |             |
| 9. Dez.         | ZN             | eP    | 21                 | 29 | 39   |                           |                         |                |                |   |             |
|                 |                | N     | e                  | 30 | 51   |                           |                         |                |                |   |             |
|                 |                | F     | 21                 | 32 |      |                           |                         |                |                |   |             |



### Seismische Station Halle

Meereshöhe: 92,4 m  
 Untergrund: Porphyry

Länge:  $\lambda = 11^{\circ}57' E$   
 Breite:  $\varphi = 51^{\circ}30' N$

#### Instrumente

|                  |                        |                    |   |
|------------------|------------------------|--------------------|---|
| Krumbach 4 kg NS | $T_0 = 2.0 \text{ s}$  | $\epsilon:1 = 4.0$ | $V = 1800$                                      |
| Krumbach 4 kg EW | $T_0 = 2.0 \text{ s}$  | $\epsilon:1 = 4.0$ | $V = 1800$                                      |
| Krumbach 4 kg NS | $T_0 = 7.0 \text{ s}$  | $\epsilon:1 = 6.0$ | $V = 150$                                       |
| Krumbach 4 kg EW | $T_0 = 7.5 \text{ s}$  | $\epsilon:1 = 5.0$ | $V = 150$                                       |
| Benioff 50 kg Z  | $T_S = 0.45 \text{ s}$ | $\alpha_S = 1.6$   | $V_{\max} = 20\,000 \text{ bei } 0.3 \text{ s}$ |
|                  | $T_G = 1.2 \text{ s}$  | $\alpha_G = 1$     |   |

| Datum          | Komp. | Phase             | MGZ |    |    | Periode<br>$T_s$ | Amplitude $\mu m$ |       |       | $\Delta$<br>km | Bemerkungen   |
|----------------|-------|-------------------|-----|----|----|------------------|-------------------|-------|-------|----------------|---|
|                |       |                   | h   | m  | s  |                  | $A_H$             | $A_B$ | $A_S$ |                |   |
| 11. Dez.<br>I  | Z     | ePKP              | 00  | 20 | 36 |                  |                   |       |       |                |   |
|                | Z     | e(pPKP)           |     | 21 | 13 |                  |                   |       |       |                |   |
|                | F     |                   | 00  | 25 |    |                  |                   |       |       |                |   |
| 11. Dez.<br>II | Z     | eP                | 01  | 16 | 52 |                  |                   |       |       |                |   |
|                | F     |                   | 01  | 50 |    |                  |                   |       |       |                |   |
| 12. Dez.       | N     | e(Sg)             | 22  | 04 | 06 |                  |                   |       |       |                | Nahbeben  |
|                | Z     | e                 |     | 04 | 22 |                  |                   |       |       |                |   |
|                | N     | e                 |     | 04 | 30 |                  |                   |       |       |                |   |
|                | F     |                   | 22  | 07 |    |                  |                   |       |       |                |   |
| 13. Dez.       | Z     | ePKP <sub>2</sub> | 07  | 56 | 49 |                  |                   |       |       |                | Herdgebiet<br>nach USCGS:<br>Gebiet der<br>Macquarie-<br>Inseln |
|                | E     | e                 |     | 57 | 50 |                  |                   |       |       |                |   |
|                | E     | e                 |     | 57 | 59 |                  |                   |       |       |                |   |
|                | E     | e                 |     | 58 | 07 |                  |                   |       |       |                |   |
|                | N     | e                 |     | 58 | 25 |                  |                   |       |       |                |   |
|                | N     | e                 | 08  | 01 | 59 |                  |                   |       |       |                |   |
|                |       | M <sub>1</sub>    | 09  | 13 | 00 | 22               |                   | 25    |       |                |   |
|                |       | M <sub>2</sub>    |     | 14 | 30 | 20               | 25                |       |       |                |   |
|                |       | M <sub>3</sub>    |     | 35 | 30 | 15-16            | 8                 | 15    |       |                |   |
|                |       | F                 |     | 11 | 30 |                  |                   |       |       |                |   |
| 26. Dez.       | Z     | eP                | 01  | 57 | 08 |                  |                   |       |       |                |   |
|                | F     |                   | 01  | 59 |    |                  |                   |       |       |                |   |
| 29. Dez.<br>I  | Z     | e(PKP)            | 06  | 21 | 45 |                  |                   |       |       |                |   |
|                | F     |                   | 06  | 22 |    |                  |                   |       |       |                |   |
| 29. Dez.<br>II | Z     | eP                | 18  | 23 | 56 |                  |                   |       |       |                |   |
|                | Z     | e(PP)             |     | 24 | 10 |                  |                   |       |       |                |   |
|                | F     |                   | 18  | 27 |    |                  |                   |       |       |                |   |



| Datum         | Komp. | Phase | MGZ |    |    | Periode<br>T <sub>0</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen  |
|---------------|-------|-------|-----|----|----|---------------------------|-------------------------|----------------|----------------|----------------|--|
|               |       |       | h   | m  | s  |                           | A <sub>H</sub>          | A <sub>R</sub> | A <sub>Z</sub> |                |  |
| <u>Januar</u> |       |       |     |    |    |                           |                         |                |                |                |  |
| 1. Jan.       | Z     | iP    | 04  | 23 | 18 |                           |                         |                |                |                |  |
|               | Z     | i     |     | 23 | 24 |                           |                         |                |                |                |  |
| 1. Jan.       | Z     | iP    | 23  | 23 | 48 |                           |                         |                |                |                |  |
|               |       | II    |     |    |    |                           |                         |                |                |                |  |
| 2. Jan.       | Z     | iP    | 02  | 03 | 39 |                           |                         |                |                |                |  |
|               |       | I     |     |    |    |                           |                         |                |                |                |  |
| 2. Jan.       | Z     | iP    | 05  | 19 | 30 |                           |                         |                |                |                |  |
|               |       | II    |     |    |    |                           |                         |                |                |                |  |
| 3. Jan.       | Z     | iP    | 11  | 32 | 40 |                           |                         |                |                |                |  |
|               | Z     | iP    |     | 32 | 47 |                           |                         |                |                |                |  |
|               | Z     | iPP   |     | 34 | 32 |                           |                         |                |                |                |  |
|               | Z     | iPP   |     | 34 | 36 |                           |                         |                |                |                |  |
|               | E     | e     |     | 45 | 18 |                           |                         |                |                |                |  |
|               | E     | i     |     | 47 | 09 |                           |                         |                |                |                |  |
|               | E     | i     |     | 48 | 58 |                           |                         |                |                |                |  |
|               | E     | M     |     | 49 | 58 | 4                         |                         |                |                |                |  |
| 3. Jan.       | Z     | eP    | 20  | 22 | 23 |                           |                         |                |                | 1400           | h = ca.<br>290 km  |
|               | Z     | i     |     | 22 | 25 |                           |                         |                |                |                | Herdgebiet<br>nach BCIS:<br>Tyrrheni-<br>sches Meer<br>39°15' N,<br>15°15' E |
|               | Z     | iPP   |     | 22 | 39 |                           |                         |                |                |                |  |
|               | N     | ipPP  |     | 22 | 50 |                           |                         |                |                |                |  |
|               | Z     | i     |     | 23 | 28 |                           |                         |                |                |                |  |
|               | Z     | i     |     | 23 | 57 |                           |                         |                |                |                |  |
|               | E     | iS    |     | 24 | 42 |                           |                         |                |                |                |  |
|               | E     | isS   |     | 25 | 19 |                           |                         |                |                |                |  |
|               | E     | M     |     | 25 | 41 |                           |                         |                |                |                |  |
| 3. Jan.       | Z     | iPg   | 22  | 22 | 58 |                           |                         |                |                | ca.65          |  |
|               | Z     | iSg   |     | 23 | 06 |                           |                         |                |                |                |  |
|               | Z     | iL    |     | 23 | 12 |                           |                         |                |                |                |  |
| 4. Jan.       | Z     | iPg   | 11  | 46 | 14 |                           |                         |                |                | ca.65          |  |
|               | E     | iSg   |     | 46 | 22 |                           |                         |                |                |                |  |
|               | E     | iL    |     | 46 | 28 |                           |                         |                |                |                |  |
| 4. Jan.       | Z     | iP    | 12  | 54 | 46 |                           |                         |                |                |                | Herdgebiet<br>nach BCIS:<br>Karpaten<br>(Rumänien)                           |
|               | Z     | iP    |     | 54 | 48 |                           |                         |                |                |                |  |
|               | Z     | i     |     | 54 | 56 |                           |                         |                |                |                |  |
|               | Z     | i     |     | 55 | 04 |                           |                         |                |                |                |  |
|               | E     | i     |     | 56 | 42 |                           |                         |                |                |                |  |



| Datum   | Komp. | Phase          | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen |
|---------|-------|----------------|-----|----|----|---------------------------|-------------------------|----------------|----------------|----------------|-------------|
|         |       |                | h   | m  | s  |                           | A <sub>H</sub>          | A <sub>V</sub> | A <sub>Z</sub> |                |             |
| noch    |       |                |     |    |    |                           |                         |                |                |                |             |
| 4. Jan. | E     | i              |     | 57 | 48 |                           |                         |                |                |                |             |
| II      | E     | i              |     | 58 | 33 |                           |                         |                |                |                |             |
|         | Z     | i              |     | 58 | 42 |                           |                         |                |                |                |             |
|         | Z     | M <sub>1</sub> |     | 59 | 33 | 2                         |                         |                |                |                |             |
|         | E     | M <sub>2</sub> |     | 59 | 40 | 5                         |                         |                |                |                |             |
| 4. Jan. | Z     | iPg            | 15  | 11 | 45 |                           |                         |                | ca.30          |                |             |
| III     | Z     | iSg            |     | 11 | 49 |                           |                         |                |                |                |             |
|         | Z     | M              |     | 11 | 52 |                           |                         |                |                |                |             |
| 5. Jan. | Z     | i              | 05  | 48 | 14 |                           |                         |                |                |                |             |
| I       | Z     | i              |     | 49 | 26 |                           |                         |                |                |                |             |
| 5. Jan. | Z     | i              | 13  | 33 | 43 |                           |                         |                |                |                |             |
| II      | Z     | i              |     | 33 | 47 |                           |                         |                |                |                |             |
|         | Z     | i              |     | 33 | 49 |                           |                         |                |                |                |             |
|         | H     | i              |     | 33 | 54 |                           |                         |                |                |                |             |
| 6. Jan. | Z     | iPg            | 14  | 33 | 45 |                           |                         |                | ca.30          |                |             |
| I       | E     | iSg            |     | 33 | 49 |                           |                         |                |                |                |             |
|         | E     | i              |     | 33 | 53 |                           |                         |                |                |                |             |
| 6. Jan. | Z     | iPn            | 15  | 18 | 27 |                           |                         |                | 480            |                |             |
| II      | Z     | i              |     | 18 | 52 |                           |                         |                |                |                |             |
|         | Z     | iSn            |     | 19 | 09 |                           |                         |                |                |                |             |
|         | Z     | i              |     | 19 | 16 |                           |                         |                |                |                |             |
|         | Z     | i              |     | 19 | 30 |                           |                         |                |                |                |             |
|         | Z     | iSg            |     | 19 | 40 |                           |                         |                |                |                |             |
|         | Z     | iL             |     | 20 | 18 |                           |                         |                |                |                |             |
|         |       | M              |     | 20 | 27 |                           |                         |                |                |                |             |
| 6. Jan. | Z     | iPg            | 18  | 31 | 20 |                           |                         |                | ca.40          |                |             |
| III     | Z     | iSg            |     | 31 | 25 |                           |                         |                |                |                |             |
|         | Z     | iL             |     | 31 | 30 |                           |                         |                |                |                |             |
|         | Z     | M              |     | 31 | 33 |                           |                         |                |                |                |             |
| 7. Jan. | Z     | i              | 12  | 26 | 27 |                           |                         |                |                |                |             |
| I       | Z     | i              |     | 26 | 30 |                           |                         |                |                |                |             |
| 7. Jan. | Z     | iSg            | 14  | 48 | 21 |                           |                         |                |                |                |             |
| II      | Z     | i              |     | 48 | 44 |                           |                         |                |                |                |             |
|         | Z     | iL             |     | 49 | 18 |                           |                         |                |                |                |             |

Herdgebiet nach BCIS: Karnische Alpen  
46°20'50" N, 12°40'21" E

| Datum    | Komp. | Phase  | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen |
|----------|-------|--------|-----|------|----|---------------------------|-------------------------|----------------|----------------|----------------|-------------|
|          |       |        | h   | m    | s  |                           | A <sub>H</sub>          | A <sub>V</sub> | A <sub>Z</sub> |                |             |
| 7. Jan.  | Z     | iPg    | 16  | 54   | 27 |                           |                         |                | 1000           |                |             |
| III      | Z     | i      |     | 54   | 35 |                           |                         |                |                |                |             |
|          | Z     | i      |     | 55   | 05 |                           |                         |                |                |                |             |
|          | Z     | iSn    |     | 55   | 23 |                           |                         |                |                |                |             |
|          | Z     | i      |     | 55   | 47 |                           |                         |                |                |                |             |
|          | Z     | i      |     | 55   | 56 |                           |                         |                |                |                |             |
|          | E     | iSg    |     | 56   | 28 |                           |                         |                |                |                |             |
|          | E     | M      |     | 56   | 46 |                           |                         |                |                |                |             |
| 7. Jan.  | Z     | iP     | 23  | 29   | 44 |                           |                         |                |                |                |             |
| IV       |       |        |     |      |    |                           |                         |                |                |                |             |
| 8. Jan.  | Z     | iP     | 08  | 03   | 48 |                           |                         |                |                |                |             |
| I        | Z     | i      |     | 04   | 05 |                           |                         |                |                |                |             |
| 8. Jan.  | Z     | i      | 21  | 55   | 49 |                           |                         |                |                |                |             |
| II       | Z     | i      |     | 56   | 02 |                           |                         |                |                |                |             |
| 9. Jan.  | Z     | iP     | 04  | 03   | 09 |                           |                         |                | 2200           |                |             |
| I        | Z     | iPPP   |     | 03   | 35 |                           |                         |                |                |                |             |
|          | Z     | i      |     | 04   | 11 |                           |                         |                |                |                |             |
|          | Z     | i      |     | 04   | 45 |                           |                         |                |                |                |             |
|          | E     | e      |     | 06   | 16 |                           |                         |                |                |                |             |
|          | E     | iS     |     | 06   | 50 |                           |                         |                |                |                |             |
|          | E     | eL     |     | 09.7 |    |                           |                         |                |                |                |             |
| 9. Jan.  | Z     | iP     | 07  | 31   | 44 |                           |                         |                | 4800           |                |             |
| II       | Z     | ipP    |     | 32   | 34 |                           |                         |                |                |                |             |
|          | Z     | iPP    |     | 33   | 27 |                           |                         |                |                |                |             |
|          | Z     | i      |     | 34   | 08 |                           |                         |                |                |                |             |
|          | E     | ipPP   |     | 34   | 45 |                           |                         |                |                |                |             |
|          | E     | iS     |     | 37   | 55 |                           |                         |                |                |                |             |
|          | E     | i      |     | 39   | 41 |                           |                         |                |                |                |             |
|          | E     | i      |     | 40   | 55 |                           |                         |                |                |                |             |
|          | E     | i(ScS) |     | 41   | 16 |                           |                         |                |                |                |             |
|          | E     | iSS    |     | 42   | 23 |                           |                         |                |                |                |             |
| 11. Jan. | Z     | iP     | 02  | 40   | 12 |                           |                         |                |                |                |             |
| I        | Z     | i      |     | 40   | 29 |                           |                         |                |                |                |             |
| 11. Jan. | Z     | iP     | 03  | 21   | 54 |                           |                         |                | 8200           |                |             |
| II       | Z     | iPoP   |     | 22   | 06 |                           |                         |                |                |                |             |
|          | Z     | i      |     | 22   | 15 |                           |                         |                |                |                |             |
|          | Z     | i      |     | 22   | 53 |                           |                         |                |                |                |             |
|          | Z     | iPP    |     | 24   | 50 |                           |                         |                |                |                |             |

Herdgebiet nach BCIS: Südwest-Türkei

h = ca. 200 km  
Herdgebiet nach BCIS: Hindukusch

Herdgebiet nach USCGS: Burma



Halle 1960

| Datum    | Komp. | Phase          | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km   | Bemerkungen |
|----------|-------|----------------|-----|------|----|---------------------------|-------------------------|----------------|----------------|--|-------------|
|          |       |                | h   | m    | s  |                           | A <sub>H</sub>          | A <sub>R</sub> | A <sub>Z</sub> |  |             |
| 12. Jan. | Z     | iPKP           | 22  | 42   | 16 |                           |                         |                |                |  |             |
|          | Z     | i              |     | 42   | 33 |                           |                         |                |                |  |             |
| 13. Jan. | Z     | iP             | 15  | 53   | 59 |                           |                         |                | 11000          | h = ca.<br>200 km<br>Herdegebiet<br>nach USCGS:<br>Süd-Peru<br>16° S,<br>42° W |             |
| I        | Z     | iP             |     | 54   | 07 |                           |                         |                |                |  |             |
|          | Z     | i              |     | 54   | 28 |                           |                         |                |                |  |             |
|          | Z     | ipP            |     | 54   | 51 |                           |                         |                |                |  |             |
|          | E     | iPP            |     | 58   | 03 |                           |                         |                |                |  |             |
|          | Z     | i              |     | 58   | 30 |                           |                         |                |                |  |             |
|          | E     | i              | 16  | 00   | 00 |                           |                         |                |                |  |             |
|          | E     | iSKS           |     | 04   | 38 |                           |                         |                |                |  |             |
|          | N     | eS             |     | 05   | 23 |                           |                         |                |                |  |             |
|          | Z     | iSP            |     | 06   | 54 |                           |                         |                |                |  |             |
|          | E     | i              |     | 07   | 21 |                           |                         |                |                |  |             |
|          | N     | M <sub>1</sub> |     | 24.0 |    | 28                        |                         |                |                |  |             |
|          | E     | M <sub>2</sub> |     | 31.8 |    | 21                        |                         |                |                |  |             |
| 13. Jan. | Z     | iP             | 16  | 41   | 36 |                           |                         |                |                |  |             |
| II       | Z     | i              |     | 41   | 57 |                           |                         |                |                |  |             |
| 13. Jan. | Z     | i              | 18  | 44   | 47 |                           |                         |                |                |  |             |
| III      | Z     | i              |     | 46   | 10 |                           |                         |                |                |  |             |
|          | Z     | i              |     | 46   | 28 |                           |                         |                |                |  |             |
|          | Z     | i              |     | 46   | 59 |                           |                         |                |                |  |             |
|          | Z     | i              |     | 47   | 23 |                           |                         |                |                |  |             |
| 14. Jan. | Z     | iP             | 10  | 38   | 07 |                           |                         |                |                |  |             |
| I        | Z     | i              |     | 38   | 27 |                           |                         |                |                |  |             |
| 14. Jan. | Z     | i              | 11  | 43   | 00 |                           |                         |                |                |  |             |
| II       |       |                |     |      |    |                           |                         |                |                |  |             |
| 14. Jan. | Z     | iPg            | 13  | 17   | 16 |                           |                         |                | ca.30          |  |             |
| III      | Z     | iSg            |     | 17   | 20 |                           |                         |                |                |  |             |
|          | Z     | i              |     | 17   | 24 |                           |                         |                |                |  |             |
|          | Z     | i              |     | 17   | 31 |                           |                         |                |                |  |             |
| 14. Jan. | Z     | iP             | 21  | 07   | 07 |                           |                         |                |                |  |             |
| V        | Z     | i              |     | 07   | 48 |                           |                         |                |                |  |             |
| 15. Jan. | Z     | iP             | 09  | 43   | 58 |                           |                         |                | 11200          | h = ca.<br>150 km<br>Herdegebiet<br>nach USCGS:<br>Süd-Peru<br>15° S,<br>75° W |             |
| I        | Z     | i              |     | 44   | 09 |                           |                         |                |                |  |             |
|          | Z     | iPP            |     | 47   | 58 |                           |                         |                |                |  |             |
|          | Z     | i(pPP)         |     | 48   | 10 |                           |                         |                |                |  |             |
|          | Z     | ePPP           |     | 50   | 48 |                           |                         |                |                |  |             |

Halle 1960

| Datum    | Komp. | Phase          | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen   |
|----------|-------|----------------|-----|------|----|---------------------------|-------------------------|----------------|----------------|----------------|---|
|          |       |                | h   | m    | s  |                           | A <sub>H</sub>          | A <sub>R</sub> | A <sub>Z</sub> |                |   |
| noch     |       |                |     |      |    |                           |                         |                |                |                |   |
| 15. Jan. | E     | e              |     | 51   | 58 |                           |                         |                |                |                |   |
| I        | E     | iSKS           |     | 54   | 35 |                           |                         |                |                |                |   |
|          | E     | i              |     | 54   | 49 |                           |                         |                |                |                |   |
|          | E     | iS             |     | 55   | 44 |                           |                         |                |                |                |   |
|          | E     | ePS            |     | 57   | 04 |                           |                         |                |                |                |   |
|          | E     | eL             |     | 21.5 |    |                           |                         |                |                |                |   |
|          |       | M <sub>1</sub> |     | 29.5 |    | 18                        |                         |                |                |                |   |
|          |       | M <sub>2</sub> |     | 35.2 |    | 18                        |                         |                |                |                |   |
| 15. Jan. | Z     | i              | 16  | 17   | 15 |                           |                         |                |                |                |   |
| II       | Z     | i              |     | 17   | 20 |                           |                         |                |                |                |   |
|          | Z     | i              |     | 17   | 25 |                           |                         |                |                |                |   |
|          | Z     | i              |     | 17   | 29 |                           |                         |                |                |                |   |
| 15. Jan. | Z     | i              | 19  | 40   | 57 |                           |                         |                |                |                |   |
| III      | Z     | i              |     | 41   | 02 |                           |                         |                |                |                |   |
|          | Z     | iL             |     | 41   | 05 |                           |                         |                |                |                |   |
| 15. Jan. | Z     | iPg            | 21  | 53   | 05 |                           |                         |                |                | ca.25          |   |
| IV       | Z     | iSg            |     | 53   | 08 |                           |                         |                |                |                |   |
|          | E     | iL             |     | 53   | 11 |                           |                         |                |                |                |   |
|          | Z     | i              |     | 53   | 18 |                           |                         |                |                |                |   |
| 16. Jan. | Z     | ePKP           | 12  | 49   | 40 |                           |                         |                |                |                |   |
| I        | Z     | i              |     | 50   | 20 |                           |                         |                |                |                |   |
| 16. Jan. | Z     | iP             | 20  | 59   | 56 |                           |                         |                |                | 7200           | h = ca.<br>150 km<br>Herdegebiet<br>nach USCGS:<br>Alaska |
| II       | Z     | iPcP           | 21  | 00   | 24 |                           |                         |                |                |                |   |
|          | Z     | ipP            |     | 00   | 37 |                           |                         |                |                |                |   |
|          | Z     | iPP            |     | 02   | 27 |                           |                         |                |                |                |   |
|          | Z     | ipPP           |     | 02   | 54 |                           |                         |                |                |                |   |
| 17. Jan. | Z     | iP             | 03  | 11   | 29 |                           |                         |                |                |                |   |
| I        | Z     | i              |     | 11   | 55 |                           |                         |                |                |                |   |
|          | Z     | i              |     | 12   | 12 |                           |                         |                |                |                |   |
|          | Z     | i              |     | 12   | 37 |                           |                         |                |                |                |   |
| 17. Jan. | Z     | iP             | 04  | 31   | 12 |                           |                         |                |                |                |   |
| II       | Z     | i              |     | 31   | 28 |                           |                         |                |                |                |   |
| 19. Jan. | Z     | i              | 02  | 28   | 27 |                           |                         |                |                | 8200           | Herdegebiet<br>nach USCGS:<br>Kantschatka                 |
| I        | Z     | iPcP           |     | 28   | 43 |                           |                         |                |                |                |   |
|          | Z     | iPP            |     | 31   | 22 |                           |                         |                |                |                |   |
|          | Z     | e              |     | 31   | 43 |                           |                         |                |                |                |   |



| Halle 1960      |       |       | MGZ |    |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km                                  | Bemerkungen |    |
|-----------------|-------|-------|-----|----|------|---------------------------|-------------------------|----------------|----------------|---|-------------|----|
| Datum           | Komp. | Phase | h   | m  | s    |                           | A <sub>H</sub>          | A <sub>V</sub> | A <sub>Z</sub> |   |             |    |
| 19. Jan.<br>II  | Z     | ePKP  | 09  | 33 | 50   |                           |                         |                |                |   |             |    |
|                 | Z     | iPKP  |     | 33 | 55   |                           |                         |                |                |   |             |    |
|                 | Z     | e     |     | 34 | 53   |                           |                         |                |                |   |             |    |
|                 | Z     | ipPKP |     | 36 | 08   |                           |                         |                |                |   |             |    |
|                 | Z     | i     |     | 36 | 48   |                           |                         |                |                |   |             |    |
|                 | Z     | i(FP) |     | 37 | 23   |                           |                         |                |                |   |             |    |
| 22. Jan.        | Z     | i     | 12  | 53 | 23   |                           |                         |                |                |   |             |    |
|                 | Z     | i     |     | 53 | 26   |                           |                         |                |                |   |             |    |
|                 | Z     | iL    |     | 53 | 29   |                           |                         |                |                |   |             |    |
| 23. Jan.<br>I   | Z     | eP    | 04  | 55 | 26   |                           |                         |                | 12000          | Herdgebiet<br>nach USCGS;<br>Insel Ceran        |             |    |
|                 | Z     | i     |     | 57 | 45   |                           |                         |                |                |   |             |    |
|                 | Z     | iPP   |     | 59 | 48   |                           |                         |                |                |   |             |    |
|                 | E     | i     |     | 05 | 00   |                           |                         |                |                |   |             | 04 |
|                 | E     | iPPS  |     | 10 | 38   |                           |                         |                |                |   |             |    |
| 23. Jan.<br>II  | Z     | e     | 07  | 49 | 11   |                           |                         |                | 12000          | Dieselbe<br>Herdlage                            |             |    |
|                 | Z     | iPP   |     | 50 | 08   |                           |                         |                |                |   |             |    |
|                 | Z     | i     |     | 50 | 26   |                           |                         |                |                |   |             |    |
|                 | Z     | ePPP  |     | 52 | 36   |                           |                         |                |                |   |             |    |
|                 | E     | e     |     | 55 | 49   |                           |                         |                |                |   |             |    |
|                 | E     | e     |     | 57 | 44   |                           |                         |                |                |   |             |    |
| 23. Jan.<br>III | ZR    | i     | 10  | 40 | 50   |                           |                         |                |                |   |             |    |
| 23. Jan.<br>IV  | Z     | i     | 10  | 59 | 32   |                           |                         |                |                |   |             |    |
|                 | Z     | i     |     | 59 | 57   |                           |                         |                |                |   |             |    |
| 23. Jan.<br>V   | Z     | eP    | 18  | 11 | 08   |                           |                         |                | 12000          | Herdgebiet<br>nach USCGS;<br>Insel Ceran        |             |    |
|                 | Z     | i     |     | 14 | 26   |                           |                         |                |                |   |             |    |
|                 | Z     | iPP   |     | 15 | 34   |                           |                         |                |                |   |             |    |
|                 | Z     | i     |     | 16 | 51   |                           |                         |                |                |   |             |    |
|                 | Z     | i     |     | 26 | 28   |                           |                         |                |                |   |             |    |
| 24. Jan.<br>I   | Z     | iPKP  | 04  | 41 | 16   |                           |                         |                | 16000          | Herdgebiet<br>nach USCGS;<br>Fidschi-<br>Inseln |             |    |
|                 | Z     | iPP   |     | 44 | 08   |                           |                         |                |                |   |             |    |
|                 | E     | i     |     | 44 | 56   |                           |                         |                |                |   |             |    |
|                 | E     | iPPP  |     | 47 | 42   |                           |                         |                |                |   |             |    |
|                 | Z     | iSES  |     | 48 | 17   |                           |                         |                |                |   |             |    |
|                 | E     | i     |     | 49 | 35   |                           |                         |                |                |   |             |    |
|                 | E     | M     |     | 05 | 45.7 |                           |                         |                |                |   |             | 20 |

| Halle 1960      |       |       | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen                        |    |
|-----------------|-------|-------|-----|------|----|---------------------------|-------------------------|----------------|----------------|----------------|------------------------------------|----|
| Datum           | Komp. | Phase | h   | m    | s  |                           | A <sub>H</sub>          | A <sub>V</sub> | A <sub>Z</sub> |                |                                    |    |
| 24. Jan.<br>II  | Z     | i     | 18  | 16   | 45 |                           |                         |                |                |                |                                    |    |
|                 | Z     | i     |     | 16   | 59 |                           |                         |                |                |                |                                    |    |
| 24. Jan.<br>III | Z     | i     | 23  | 50   | 45 |                           |                         |                |                |                |                                    |    |
|                 | Z     | i     |     | 50   | 51 |                           |                         |                |                |                |                                    |    |
| 25. Jan.<br>I   | Z     | iP    | 08  | 57   | 59 |                           |                         |                |                |                |                                    |    |
|                 | Z     | i     |     | 58   | 09 |                           |                         |                |                |                |                                    |    |
|                 | Z     | i     |     | 58   | 22 |                           |                         |                |                |                |                                    |    |
| 25. Jan.<br>II  | E     | i     | 12  | 37   | 32 |                           |                         |                |                |                |                                    |    |
|                 | Z     | i     |     | 37   | 34 |                           |                         |                |                |                |                                    |    |
|                 | N     | i     |     | 37   | 40 |                           |                         |                |                |                |                                    |    |
| 26. Jan.<br>I   | Z     | i     | 03  | 16   | 14 |                           |                         |                |                |                |                                    |    |
| 26. Jan.<br>II  | Z     | e     | 03  | 28   | 22 |                           |                         |                |                |                |                                    |    |
|                 | Z     | i     |     | 28   | 33 |                           |                         |                |                |                |                                    |    |
| 26. Jan.<br>III | Z     | iP    | 09  | 49   | 03 |                           |                         |                |                |                |                                    |    |
|                 | Z     | i     |     | 49   | 25 |                           |                         |                |                |                |                                    |    |
|                 | Z     | iP    |     | 09   | 57 |                           |                         |                |                |                |                                    | 04 |
| 26. Jan.<br>IV  | Z     | iP    | 09  | 57   | 10 |                           |                         |                |                | 2400           | Herdgebiet<br>nach BCIS:<br>Türkei |    |
|                 | Z     | iPP   |     | 57   | 23 |                           |                         |                |                |                |                                    |    |
|                 | Z     | iPPP  |     | 57   | 47 |                           |                         |                |                |                |                                    |    |
|                 | E     | i     |     | 59   | 05 |                           |                         |                |                |                |                                    |    |
|                 | E     | iS    |     | 10   | 01 |                           |                         |                |                |                |                                    | 08 |
|                 | E     | iS    |     | 10   | 01 |                           |                         |                |                |                |                                    | 08 |
| 26. Jan.<br>V   | Z     | iP    | 13  | 09   | 59 |                           |                         |                |                | 2300           | Herdgebiet<br>nach BCIS:<br>Türkei |    |
|                 | Z     | iPP   |     | 10   | 18 |                           |                         |                |                |                |                                    |    |
|                 | Z     | iPPP  |     | 10   | 33 |                           |                         |                |                |                |                                    |    |
| 26. Jan.<br>VI  | Z     | iP    | 20  | 29   | 37 |                           |                         |                |                |                |                                    |    |
|                 | Z     | i     |     | 29   | 59 |                           |                         |                |                |                |                                    |    |
|                 | Z     | i     |     | 31   | 02 |                           |                         |                |                |                |                                    |    |
|                 | E     | i(S)  |     | 31   | 27 |                           |                         |                |                |                |                                    |    |
|                 | E     | i     |     | 32   | 44 |                           |                         |                |                |                |                                    |    |
|                 | E     | M     |     | 33.7 |    |                           |                         |                |                |                |                                    |    |
| 28. Jan.<br>I   | Z     | i     | 10  | 39   | 26 |                           |                         |                |                |                |                                    |    |
|                 | Z     | i     |     | 39   | 35 |                           |                         |                |                |                |                                    |    |
|                 | Z     | i     |     | 39   | 41 |                           |                         |                |                |                |                                    |    |



| Datum          | Komp. | Phase | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude μm   |                |                | Δ<br>km  | Bemerkungen |
|----------------|-------|-------|-----|------|----|---------------------------|----------------|----------------|----------------|--|-------------|
|                |       |       | h   | m    | s  |                           | A <sub>H</sub> | A <sub>G</sub> | A <sub>E</sub> |  |             |
| 28. Jan.       | Z     | iPg   | 14  | 36   | 40 |                           |                |                | 850            | Herdgebiet nach BCIS: Schweiz<br>44.6° N,<br>6.8° E      |             |
| II             | Z     | i     |     | 36   | 49 |                           |                |                |                |  |             |
|                | Z     | i     |     | 38   | 20 |                           |                |                |                |  |             |
|                | Z     | iSg   |     | 38   | 31 |                           |                |                |                |  |             |
|                | Z     | i     |     | 38   | 41 |                           |                |                |                |  |             |
| 29. Jan.       | Z     | i     | 10  | 33.5 |    |                           |                |                |                |  |             |
| 30. Jan.       | Z     | iP    | 10  | 01   | 57 |                           |                |                |                |  |             |
|                | Z     | i     |     | 02   | 06 |                           |                |                |                |  |             |
| 31. Jan.       | Z     | iP    | 05  | 20   | 39 |                           |                |                | 9100           | Herdgebiet nach USCGS: Japan<br>33 1/2° N,<br>134 1/2° E |             |
|                | Z     | i     |     | 20   | 58 |                           |                |                |                |  |             |
|                | Z     | i     |     | 22   | 15 |                           |                |                |                |  |             |
|                | E     | iFP   |     | 23   | 41 |                           |                |                |                |  |             |
|                | E     | iS    |     | 30   | 55 |                           |                |                |                |  |             |
|                | E     | i     |     | 31   | 19 |                           |                |                |                |  |             |
|                | E     | iFPS  |     | 32   | 07 |                           |                |                |                |  |             |
|                | E     | eL    |     | 55.3 |    |                           |                |                |                |  |             |
|                | M     | M     | 06  | 00.3 |    | 14                        |                |                |                |  |             |
|                |       |       |     |      |    |                           |                |                |                |  |             |
| <u>Februar</u> |       |       |     |      |    |                           |                |                |                |  |             |
| 1. Febr.       | Z     | iP    | 12  | 03   | 53 |                           |                |                | 2100           | Herdgebiet nach BCIS: Westküste von Kreta                |             |
| I              | Z     | i     |     | 04   | 58 |                           |                |                |                |  |             |
|                | N     | eS    |     | 07   | 21 |                           |                |                |                |  |             |
|                | N     | M     |     | 11.8 |    | 10                        |                |                |                |  |             |
| 1. Febr.       | Z     | iP    | 14  | 07   | 49 |                           |                |                |                |  |             |
| II             | Z     | i     | 12  | 40   | 16 |                           |                |                |                |  |             |
| 2. Febr.       | Z     | i     |     | 41   | 17 |                           |                |                |                |  |             |
|                | Z     | i     |     | 42   | 12 |                           |                |                |                |  |             |
| 3. Febr.       | Z     | iP    | 00  | 02   | 42 |                           |                |                |                |  |             |
| I              | Z     | i     | 02  | 41   | 50 |                           |                |                |                |  |             |
| 3. Febr.       | Z     | i     |     |      |    |                           |                |                |                |  |             |
| II             | Z     | iPKP  | 14  | 48   | 26 |                           |                |                |                |  |             |
| III            | Z     | e     |     | 49   | 21 |                           |                |                |                |  |             |
| 3. Febr.       | Z     | iPg   | 19  | 24   | 28 |                           |                |                | ca.25          |  |             |
| IV             | Z     | iSg   |     | 24   | 31 |                           |                |                |                |  |             |
|                | Z     | iL    |     | 24   | 36 |                           |                |                |                |  |             |

| Datum    | Komp. | Phase             | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude μm   |                |                | Δ<br>km   | Bemerkungen |
|----------|-------|-------------------|-----|------|----|---------------------------|----------------|----------------|----------------|---|-------------|
|          |       |                   | h   | m    | s  |                           | A <sub>H</sub> | A <sub>G</sub> | A <sub>E</sub> |   |             |
| 4. Febr. | Z     | ePKP              | 04  | 05   | 27 |                           |                |                | 13800          | h = ca. 100 km<br>Herdgebiet nach USCGS: Neuirland<br>4 1/2° S,<br>153 1/2° E |             |
| I        | Z     | iPKP              |     | 05   | 59 |                           |                |                |                |   |             |
|          | Z     | i                 |     | 06   | 13 |                           |                |                |                |   |             |
|          | Z     | i                 |     | 07   | 57 |                           |                |                |                |   |             |
|          | N     | e                 |     | 08   | 38 |                           |                |                |                |   |             |
|          | N     | i                 |     | 12   | 08 |                           |                |                |                |   |             |
|          | E     | iSKS              |     | 12   | 20 |                           |                |                |                |   |             |
|          | N     | e                 |     | 13   | 07 |                           |                |                |                |   |             |
|          | E     | iS                |     | 14   | 30 |                           |                |                |                |   |             |
|          | E     | iPKP              |     | 15   | 20 |                           |                |                |                |   |             |
|          | E     | M                 | 05  | 40   | 00 | 36                        |                |                |                |   |             |
| 4. Febr. | Z     | i                 | 10  | 29   | 29 |                           |                |                |                |   |             |
| II       | Z     | i                 |     | 31   | 13 |                           |                |                |                |   |             |
| 4. Febr. | N     | i                 | 11  | 14   | 10 |                           |                |                |                |   |             |
| III      | N     | iL                |     | 14   | 12 |                           |                |                |                |   |             |
| 4. Febr. | Z     | eP                | 17  | 02   | 41 |                           |                |                | (9000)         | h = ca. 100 km<br>Herdgebiet nach USCGS: Ostküste von Hondo (Japan)           |             |
| IV       | Z     | iP                |     | 03   | 08 |                           |                |                |                |   |             |
|          | Z     | i(P)              |     | 05   | 37 |                           |                |                |                |   |             |
|          | E     | e(S)              |     | 12   | 48 |                           |                |                |                |   |             |
|          | E     | M                 |     | 44   | 00 | 15                        |                |                |                |   |             |
| 4. Febr. | Z     | iPKP              | 20  | 56   | 57 |                           |                |                |                |   |             |
| V        | Z     | i                 |     | 57   | 00 |                           |                |                |                |   |             |
| 4. Febr. | Z     | iP                | 21  | 10   | 07 |                           |                |                |                |   |             |
| VI       | E     | e                 |     | 18   | 15 |                           |                |                |                |   |             |
| 5. Febr. | Z     | i                 | 12  | 58   | 46 |                           |                |                |                |   |             |
|          | Z     | i                 |     | 58   | 56 |                           |                |                |                |   |             |
| 6. Febr. | Z     | iPKP <sub>1</sub> | 02  | 19   | 38 |                           |                |                |                |   |             |
| I        | Z     | iPKP <sub>2</sub> |     | 19   | 46 |                           |                |                |                |   |             |
|          | Z     | i                 |     | 20   | 35 |                           |                |                |                |   |             |
| 6. Febr. | Z     | iPg               | 17  | 22   | 37 |                           |                |                | ca.30          |   |             |
| II       | Z     | iSg               |     | 22   | 41 |                           |                |                |                |   |             |
|          | Z     | i                 |     | 22   | 46 |                           |                |                |                |   |             |
| 8. Febr. | Z     | iPKP              | 13  | 04   | 40 |                           |                |                | 14000          | Herdgebiet nach USCGS: Drake-Straße   |             |
| I        | Z     | iFP               |     | 06   | 31 |                           |                |                |                |   |             |
|          | E     | M <sub>1</sub>    |     | 55.0 |    | 23                        |                |                |                |   |             |
|          | E     | M <sub>2</sub>    | 14  | 07.4 |    | 18                        |                |                |                |   |             |



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| Datum            | Komp. | Phase | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|------------------|-------|-------|-----|----|----|---------------------------|-------------------------|----------------|----------------|---|-------------|
|                  |       |       | h   | m  | s  |                           | A <sub>x</sub>          | A <sub>y</sub> | A <sub>z</sub> |   |             |
| 8. Febr.<br>II   | Z     | 1P    | 19  | 02 | 10 |                           |                         |                | 4900           | h = ca.<br>200 km<br>Herdgebiet<br>nach BCIS:<br>Hindukusch               |             |
|                  | Z     | epP   |     | 02 | 54 |                           |                         |                |                |   |             |
|                  | Z     | 1PP   |     | 04 | 11 |                           |                         |                |                |   |             |
|                  | Z     | 1PcS  |     | 07 | 36 |                           |                         |                |                |   |             |
|                  | E     | 1     |     | 07 | 51 |                           |                         |                |                |   |             |
|                  | E     | e(S)  |     | 08 | 44 |                           |                         |                |                |   |             |
| 9. Febr.         | Z     | 1     | 24  | 13 | 44 |                           |                         |                | 12000          | Herdgebiet<br>nach USCGS:<br>Insel Ceram<br>(Banda-See)                   |             |
|                  | Z     | 1     |     | 14 | 37 |                           |                         |                |                |   |             |
|                  | Z     | 1PP   |     | 14 | 55 |                           |                         |                |                |   |             |
|                  | E     | 1SKS  |     | 20 | 46 |                           |                         |                |                |   |             |
| 10. Febr.        | Z     | 1     | 23  | 39 | 31 |                           |                         |                |                |   |             |
| 12. Febr.        | Z     | 1Pg   | 12  | 04 | 09 |                           |                         |                | ca.40          |   |             |
|                  | Z     | 1Sg   |     | 04 | 14 |                           |                         |                |                |   |             |
|                  | N     | 1L    |     | 04 | 22 |                           |                         |                |                |   |             |
| 13. Febr.        | Z     | 1     | 15  | 59 | 42 |                           |                         |                |                |   |             |
| 14. Febr.        | Z     | 1     | 01  | 16 | 36 |                           |                         |                |                |   |             |
|                  | Z     | 1     |     | 16 | 56 |                           |                         |                |                |   |             |
| 17. Febr.<br>I   | Z     | 1     | 12  | 51 | 31 |                           |                         |                |                |   |             |
| 17. Febr.<br>II  | Z     | eSg   | 15  | 35 | 40 |                           |                         |                |                |   |             |
|                  | Z     | 1     |     | 36 | 04 |                           |                         |                |                |   |             |
| 17. Febr.<br>III | Z     | 1     | 15  | 55 | 29 |                           |                         |                |                |   |             |
| 17. Febr.<br>IV  | Z     | 1     | 16  | 39 | 37 |                           |                         |                |                |   |             |
| 18. Febr.<br>I   | Z     | 1Sg   | 10  | 00 | 23 |                           |                         |                |                |   |             |
|                  | N     | 1L    |     | 00 | 37 |                           |                         |                |                |   |             |
| 18. Febr.<br>II  | Z     | 1P    | 21  | 46 | 40 |                           |                         |                | 8100           | Herdgebiet<br>nach USCGS:<br>Kamtschatka                                  |             |
|                  | Z     | 1PcP  |     | 46 | 56 |                           |                         |                |                |   |             |
| 19. Febr.<br>I   | Z     | 1     | 02  | 31 | 54 |                           |                         |                | 680            | Herdgebiet<br>nach BCIS:<br>Garda-See<br>(Italien)<br>45.6° N,<br>10.5° E |             |
|                  | Z     | 1Pg   |     | 32 | 09 |                           |                         |                |                |   |             |
|                  | Z     | 1Sn   |     | 32 | 48 |                           |                         |                |                |   |             |
|                  | E     | 1     |     | 33 | 12 |                           |                         |                |                |   |             |
|                  | E     | 1Sg   |     | 33 | 27 |                           |                         |                |                |   |             |
|                  | E     | M     |     | 33 | 34 |                           |                         |                |                |   |             |

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| Datum            | Komp. | Phase                            | MGZ |              |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|------------------|-------|----------------------------------|-----|--------------|----|---------------------------|-------------------------|----------------|----------------|---|-------------|
|                  |       |                                  | h   | m            | s  |                           | A <sub>x</sub>          | A <sub>y</sub> | A <sub>z</sub> |   |             |
| 19. Febr.        | Z     | 1P                               | 05  | 20           | 19 |                           |                         |                |                |   |             |
|                  | Z     | 1pP                              |     | 20           | 36 |                           |                         |                |                |   |             |
| 19. Febr.<br>III | Z     | 1P                               | 10  | 44           | 39 |                           |                         |                | 4900           | h = ca.<br>200 km<br>Herdgebiet<br>nach USCGS:<br>Hindukusch<br>36° N,<br>70 1/2° E |             |
|                  | Z     | 1pP                              |     | 45           | 27 |                           |                         |                |                |   |             |
|                  | Z     | 1PcP                             |     | 46           | 22 |                           |                         |                |                |   |             |
|                  | E     | 1PP                              |     | 46           | 27 |                           |                         |                |                |   |             |
|                  | E     | 1                                |     | 46           | 42 |                           |                         |                |                |   |             |
|                  | N     | 1S                               |     | 50           | 53 |                           |                         |                |                |   |             |
| 19. Febr.<br>IV  | Z     | 1Pg                              | 14  | 33           | 45 |                           |                         |                | ca.50          |   |             |
|                  | Z     | 1Sg                              |     | 33           | 51 |                           |                         |                |                |   |             |
| 20. Febr.        | Z     | 1                                | 14  | 55           | 14 |                           |                         |                |                |   |             |
|                  | Z     | 1                                |     | 55           | 14 |                           |                         |                |                |   |             |
| 21. Febr.<br>I   | Z     | 1PKP <sub>2</sub>                | 01  | 07           | 46 |                           |                         |                |                |   |             |
|                  | Z     | 1pPKP <sub>2</sub>               |     | 08           | 02 |                           |                         |                |                |   |             |
|                  | Z     | e                                |     | 11           | 46 |                           |                         |                |                |   |             |
| 21. Febr.<br>II  | Z     | 1P                               | 08  | 17           | 29 |                           |                         |                | 1850           | Herdgebiet<br>nach BCIS:<br>Algerien  |             |
|                  | Z     | 1PP                              |     | 17           | 43 |                           |                         |                |                |   |             |
|                  | E     | 1                                |     | 20           | 05 |                           |                         |                |                |   |             |
|                  | E     | 1                                |     | 20           | 19 |                           |                         |                |                |   |             |
|                  | E     | eL                               |     | 22.0         |    |                           |                         |                |                |   |             |
|                  | N     | M <sub>1</sub><br>M <sub>2</sub> |     | 23.5<br>24.8 |    | 15<br>12                  |                         |                |                |   |             |
| 21. Febr.<br>III | Z     | 1P                               | 09  | 34           | 38 |                           |                         |                |                |   |             |
|                  | Z     | 1                                |     | 35           | 06 |                           |                         |                |                |   |             |
|                  | E     | 1                                |     | 36           | 31 |                           |                         |                |                |   |             |
| 22. Febr.<br>I   | Z     | 1PKP <sub>1</sub>                | 01  | 13           | 07 |                           |                         |                |                |   |             |
|                  | Z     | 1PKP <sub>2</sub>                |     | 13           | 11 |                           |                         |                |                |   |             |
|                  | Z     | 1                                |     | 15           | 54 |                           |                         |                |                |   |             |
| 22. Febr.<br>II  | Z     | 1P                               | 05  | 22           | 13 |                           |                         |                | 2400           | Herdgebiet<br>nach USCGS:<br>Jan Mayen  |             |
|                  | Z     | 1PP                              |     | 22           | 38 |                           |                         |                |                |   |             |
| 22. Febr.<br>III | N     | 1                                | 12  | 38           | 21 |                           |                         |                |                |   |             |
|                  | N     | 1L                               |     | 38           | 26 |                           |                         |                |                |   |             |



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| Datum     | Komp.     | Phase          | MGZ  |      |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|-----------|-----------|----------------|------|------|------|---------------------------|-------------------------|----------------|----------------|---|-------------|
|           |           |                | h    | m    | s    |                           | A <sub>N</sub>          | A <sub>E</sub> | A <sub>Z</sub> |   |             |
| 22. Febr. | Z         | 1P             | 21   | 07   | 35   |                           |                         |                | 1500           | Vorbeben<br>zum 23. 2.<br>III                                   |             |
|           | Z         | 1PPP           |      | 07   | 49   |                           |                         |                |                |   |             |
|           | N         | i              |      | 11   | 38   |                           |                         |                |                |   |             |
|           | E         | i              |      | 12   | 21   |                           |                         |                |                |   |             |
| 23. Febr. | Z         | 1P             | 00   | 34   | 19   |                           |                         |                | 1500           | Weiteres<br>Vorbeben  |             |
|           | Z         | 1PP            |      | 34   | 26   |                           |                         |                |                |   |             |
|           | Z         | 1PPP           |      | 34   | 38   |                           |                         |                |                |   |             |
|           | N         | 1S             |      | 36   | 50   |                           |                         |                |                |   |             |
|           | N         | e              |      | 38   | 53   |                           |                         |                |                |   |             |
| 23. Febr. | Z         | iP             | 02   | 17   | 37   |                           |                         |                | 1500           | Herdgebiet<br>nach BCIS:<br>Griechenland<br>39.0° N,<br>20.8° E |             |
|           | Z         | ipP            |      | 18   | 21   |                           |                         |                |                |   |             |
|           | Z         | 1aP            |      | 18   | 44   |                           |                         |                |                |   |             |
|           | E         | i              |      | 20   | 22   |                           |                         |                |                |   |             |
| 23. Febr. | Z         | 1P             | 07   | 37   | 52   |                           |                         |                | 1500           | Herdgebiet<br>nach BCIS:<br>Griechenland<br>39.0° N,<br>20.8° E |             |
|           | Z         | 1PP            |      | 38   | 00   |                           |                         |                |                |   |             |
|           | Z         | 1PPP           |      | 38   | 08   |                           |                         |                |                |   |             |
|           | E         | i              |      | 40.0 |      |                           |                         |                |                |   |             |
|           | E         | 1S             |      | 40   | 29   |                           |                         |                |                |   |             |
|           | E         | 1SSS           |      | 40   | 50   |                           |                         |                |                |   |             |
|           | Z         | i              |      | 41   | 11   |                           |                         |                |                |   |             |
|           | E         | M <sub>1</sub> |      | 42.7 |      | 13                        |                         |                |                |   |             |
|           | N         | M <sub>2</sub> |      | 46.0 |      | 8                         |                         |                |                |   |             |
|           | 23. Febr. | Z              | 1PPP | 07   | 51   | 22                        |                         |                |                |   |             |
| E         |           | M <sub>1</sub> |      | 56.0 |      | 12                        |                         |                |                |   |             |
| E         |           | M <sub>2</sub> |      | 59.7 |      | 9                         |                         |                |                |   |             |
| 23. Febr. | Z         | i              | 11   | 49   | (52) |                           |                         |                |                |   |             |
| 24. Febr. | Z         | 1Pg            | 03   | 15   | (34) |                           |                         |                | (620)          | Herdgebiet<br>nach BCIS:<br>Garda-See<br>(Italien)              |             |
|           | E         | 1Sg            |      | 16   | (44) |                           |                         |                |                |   |             |
|           | E         | M              |      | 16   | (55) |                           |                         |                |                |   |             |
| 24. Febr. | Z         | 1Pg            | 12   | 57   | 59   |                           |                         |                | ca.30          |   |             |
|           | Z         | 1Sg            |      | 58   | 03   |                           |                         |                |                |   |             |
|           | E         | 1L             |      | 58   | 08   |                           |                         |                |                |   |             |
| 24. Febr. | Z         | 1PKP           | 21   | 56   | 11   |                           |                         |                | 14100          | Herdgebiet<br>nach USCGS:<br>Salomon-<br>Inseln                 |             |
|           | Z         | i              |      | 57   | 40   |                           |                         |                |                |   |             |
|           | Z         | 1PP            |      | 58   | 01   |                           |                         |                |                |   |             |
|           | N         | eSKKS          |      | 05.0 |      |                           |                         |                |                |   |             |

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| Datum     | Komp.       | Phase              | MGZ  |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |       |  |  |
|-----------|-------------|--------------------|------|------|----|---------------------------|-------------------------|----------------|----------------|---|-------------|-------|--|--|
|           |             |                    | h    | m    | s  |                           | A <sub>N</sub>          | A <sub>E</sub> | A <sub>Z</sub> |   |             |       |  |  |
| 26. Febr. | Z           | 1P                 | 23   | 41   | 21 |                           |                         |                | 17500          | Herdgebiet<br>nach USCGS:<br>Kermadec-<br>Inseln                        |             |       |  |  |
|           | Z           | 1PcP               |      | 41   | 37 |                           |                         |                |                |   |             |       |  |  |
| 27. Febr. | Z           | 1P                 | 08   | 22   | 01 |                           |                         |                | 17500          | Herdgebiet<br>nach USCGS:<br>Kermadec-<br>Inseln                        |             |       |  |  |
|           | Z           | 1PcP               |      | 22   | 17 |                           |                         |                |                |   |             |       |  |  |
| 27. Febr. | Z           | ePKP <sub>1</sub>  | 09   | 16   | 20 |                           |                         |                | 17500          | Herdgebiet<br>nach USCGS:<br>Kermadec-<br>Inseln                        |             |       |  |  |
|           | Z           | 1PKP <sub>2</sub>  |      | 16   | 50 |                           |                         |                |                |   |             |       |  |  |
|           | Z           | ePP                |      | 20   | 14 |                           |                         |                |                |   |             |       |  |  |
| 29. Febr. | Z           | 1P                 | 05   | 35   | 44 |                           |                         |                | 2900           | Herdgebiet<br>nach BCIS:<br>Agadir<br>(Marokko)<br>30°27' N,<br>9°37' W |             |       |  |  |
|           | Z           | eP                 | 23   | 45   | 50 |                           |                         |                |                |   |             |       |  |  |
| 29. Febr. | Z           | i                  |      | 45   | 56 |                           |                         |                | 10             |   |             |       |  |  |
|           | Z           | 1PP                |      | 46   | 32 |                           |                         |                |                |   |             |       |  |  |
|           | Z           | 1PPP               |      | 46   | 45 |                           |                         |                |                |   |             |       |  |  |
|           | Z           | 1PcP               |      | 49   | 26 |                           |                         |                |                |   |             |       |  |  |
|           | E           | eS                 |      | 50   | 20 |                           |                         |                |                |   |             |       |  |  |
|           | E           | 1SS                |      | 51   | 11 |                           |                         |                |                |   |             |       |  |  |
|           | E           | eL                 |      | 54.8 |    |                           |                         |                |                |   |             |       |  |  |
|           | E           | M                  |      | 58.0 |    |                           |                         |                |                |   |             |       |  |  |
|           | <u>März</u> |                    |      |      |    |                           |                         |                |                |   |             |       |  |  |
|           | 1. März     | Z                  | 1PKP | 03   | 45 | 21                        |                         |                |                |   |             | ca.40 |  |  |
| Z         |             | 1PKP <sub>I</sub>  | 20   | 19   | 27 |                           |                         |                |                |   |             |       |  |  |
| 1. März   | Z           | 1PKP <sub>II</sub> |      | 19   | 40 |                           |                         |                | ca.40          |   |             |       |  |  |
|           | Z           | 1Pg                | 00   | 32   | 44 |                           |                         |                |                |   |             |       |  |  |
| 2. März   | Z           | 1Sg                |      | 32   | 49 |                           |                         |                | ca.40          |   |             |       |  |  |
|           | Z           | 1L                 |      | 32   | 53 |                           |                         |                |                |   |             |       |  |  |
| 2. März   | Z           | 1Pg                | 01   | 02   | 29 |                           |                         |                | ca.40          |   |             |       |  |  |
|           | Z           | 1Sg                |      | 02   | 34 |                           |                         |                |                |   |             |       |  |  |
|           | N           | 1L                 |      | 02   | 37 |                           |                         |                |                |   |             |       |  |  |
| 2. März   | Z           | 1P                 | 22   | 01   | 59 |                           |                         |                | 4600           | Herdgebiet<br>nach USCGS:<br>Tienschan                                  |             |       |  |  |
|           | Z           | i                  |      | 02   | 15 |                           |                         |                |                |   |             |       |  |  |
| 3. März   | Z           | 1P                 | 14   | 23   | 27 |                           |                         |                | 4600           | Herdgebiet<br>nach USCGS:<br>Tienschan                                  |             |       |  |  |
|           | Z           | ePP                |      | 25   | 10 |                           |                         |                |                |   |             |       |  |  |
|           | Z           | i                  |      | 27   | 02 |                           |                         |                |                |   |             |       |  |  |

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| Datum   | Komp. | Phase | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen   |
|---------|-------|-------|-----|------|----|---------------------------|-------------------------|----------------|----------------|----------------|---|
|         |       |       | h   | m    | s  |                           | A <sub>N</sub>          | A <sub>E</sub> | A <sub>S</sub> |                |   |
| 4. März | Z     | iP    | 02  | 28   | 00 | 22                        |                         |                |                | 9000           | h = ca.<br>100 km<br>Herdgebiet<br>nach USCGS:<br>Kiuschiu-<br>Insel<br>(Japan) |
| I       | Z     | iPcP  |     | 28   | 14 |                           |                         |                |                |                |   |
| 4. März | Z     | iP    | 04  | 05   | 14 |                           |                         |                |                |                |   |
| II      | Z     | ipP   |     | 05   | 39 |                           |                         |                |                |                |   |
|         | Z     | isP   |     | 05   | 46 |                           |                         |                |                |                |   |
|         | Z     | iPP   |     | 08   | 18 |                           |                         |                |                |                |   |
|         | E     | iS    |     | 15   | 13 |                           |                         |                |                |                |   |
| 4. März | Z     | iP    | 16  | 30   | 13 |                           |                         |                |                |                |   |
| III     | Z     | iPPP  |     | 30   | 49 |                           |                         |                |                |                |   |
| 4. März | Z     | iP    | 21  | 17   | 56 |                           |                         |                |                |                |   |
| IV      | Z     | iPcP  |     | 18   | 04 |                           |                         |                |                |                |   |
| 5. März | Z     | iP    | 11  | 34   | 37 |                           |                         |                |                |                |   |
| I       | Z     | i     |     | 34   | 45 |                           |                         |                |                |                |   |
|         | Z     | iPcP  |     | 35   | 45 |                           |                         |                |                |                |   |
|         | Z     | e(P)  |     | 36   | 39 |                           |                         |                |                |                |   |
| 5. März | Z     | eP    | 14  | 03   | 29 |                           |                         |                |                |                |   |
| II      | Z     | e     |     | 07   | 19 |                           |                         |                |                |                |   |
|         | Z     | iPP   |     | 07   | 56 |                           |                         |                |                |                |   |
|         | Z     | i     |     | 08   | 21 |                           |                         |                |                |                |   |
|         | E     | eSKS  |     | 14.1 |    |                           |                         |                |                |                |   |
|         | E     | iPS   |     | 17   | 01 |                           |                         |                |                |                |   |
|         | E     | M     |     | 52.9 |    |                           |                         |                |                |                |   |
| 7. März | Z     | iP    | 00  | 58   | 40 |                           |                         |                |                |                |   |
|         | Z     | i     |     | 59   | 14 |                           |                         |                |                |                |   |
| 8. März | Z     | iPKP  | 16  | 52   | 35 |                           |                         |                |                |                |   |
|         | Z     | ipPKP |     | 53   | 37 |                           |                         |                |                |                |   |
|         | Z     | iPP   |     | 55   | 34 |                           |                         |                |                |                |   |
|         | N     | iSKKS | 17  | 02   | 15 |                           |                         |                |                |                |   |
| 9. März | Z     | iPg   | 12  | 54   | 10 |                           |                         |                |                |                |   |
| I       | Z     | iSg   |     | 54   | 13 |                           |                         |                |                |                |   |
|         | Z     | iL    |     | 54   | 16 |                           |                         |                |                |                |   |
| 9. März | Z     | iP    | 24  | 07   | 55 |                           |                         |                |                |                |   |
| II      | Z     | iPP   |     | 11   | 56 |                           |                         |                |                |                |   |

| Datum    | Komp. | Phase | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen                        |
|----------|-------|-------|-----|------|----|---------------------------|-------------------------|----------------|----------------|----------------|------------------------------------|
|          |       |       | h   | m    | s  |                           | A <sub>N</sub>          | A <sub>E</sub> | A <sub>S</sub> |                |                                    |
| 10. März | Z     | iPKP  | 14  | 03   | 58 | 18                        |                         |                |                | 16000          | Herdgebiet<br>nach USCGS:<br>Samoa |
| I        | Z     | i     |     | 04   | 15 |                           |                         |                |                |                |                                    |
|          | Z     | e     |     | 06   | 50 |                           |                         |                |                |                |                                    |
|          | Z     | ePP   |     | 07   | 18 |                           |                         |                |                |                |                                    |
| 10. März | Z     | iP    | 14  | 44   | 20 |                           |                         |                |                |                |                                    |
| II       | Z     | ipP   |     | 44   | 51 |                           |                         |                |                |                |                                    |
| 12. März | Z     | ePg   | 00  | 33   | 44 |                           |                         |                |                |                |                                    |
| I        | E     | i     |     | 35   | 10 |                           |                         |                |                |                |                                    |
|          | E     | iSg   |     | 35   | 30 |                           |                         |                |                |                |                                    |
|          | E     | M     |     | 36.6 |    |                           |                         |                |                |                |                                    |
| 12. März | Z     | iP    | 11  | 56   | 46 |                           |                         |                |                |                |                                    |
| II       | Z     | iPP   |     | 56   | 56 |                           |                         |                |                |                |                                    |
|          | N     | i     |     | 58   | 22 |                           |                         |                |                |                |                                    |
|          | E     | i     |     | 58   | 46 |                           |                         |                |                |                |                                    |
|          | E     | iS    |     | 59   | 00 |                           |                         |                |                |                |                                    |
|          | E     | M     | 12  | 01.0 |    |                           |                         |                |                |                |                                    |
| 12. März | Z     | iPg   | 12  | 46   | 31 |                           |                         |                |                |                |                                    |
| III      | N     | iSg   |     | 46   | 35 |                           |                         |                |                |                |                                    |
|          | N     | iL    |     | 46   | 41 |                           |                         |                |                |                |                                    |
| 12. März | Z     | ePKP  | 20  | 49   | 44 |                           |                         |                |                |                |                                    |
| IV       | Z     | e     |     | 50   | 06 |                           |                         |                |                |                |                                    |
|          | E     | ePP   |     | 51   | 12 |                           |                         |                |                |                |                                    |
|          | N     | eSKS  |     | 56   | 24 |                           |                         |                |                |                |                                    |
|          | E     | M     | 21  | 47.4 |    |                           |                         |                |                |                |                                    |
| 14. März | N     | eSn   | 04  | 48.5 |    |                           |                         |                |                |                |                                    |
|          | N     | e     |     | 49.0 |    |                           |                         |                |                |                |                                    |
|          | Z     | eSg   |     | 49   | 31 |                           |                         |                |                |                |                                    |
|          | N     | M     |     | 50.3 |    |                           |                         |                |                |                |                                    |
| 15. März | Z     | iPg   | 05  | 30   | 46 |                           |                         |                |                |                |                                    |
| I        | Z     | iSg   |     | 30   | 49 |                           |                         |                |                |                |                                    |
|          | Z     | iL    |     | 30   | 54 |                           |                         |                |                |                |                                    |
| 15. März | Z     | iP    | 09  | 32   | 58 |                           |                         |                |                |                |                                    |
| II       | Z     | iPcP  |     | 33   | 11 |                           |                         |                |                |                |                                    |
|          | N     | iSKS  |     | 42   | 53 |                           |                         |                |                |                |                                    |
| 15. März | Z     | iPKP  | 10  | 28   | 49 |                           |                         |                |                |                |                                    |
| III      | Z     | epPKP |     | 29   | 16 |                           |                         |                |                |                |                                    |



| Datum           | Komp. | Phase | MGZ  |      |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen                         |
|-----------------|-------|-------|------|------|------|---------------------------|-------------------------|----------------|----------------|---|-------------------------------------|
|                 |       |       | h    | m    | s    |                           | A <sub>x</sub>          | A <sub>y</sub> | A <sub>z</sub> |   |                                     |
| 15. März<br>IV  | Z     | i     | 19   | 50   | 34   |                           |                         |                |                |   |                                     |
| 16. März        | Z     | i(Pg) | 01   | 55   | 25   |                           |                         |                |                |   | Herdgebiet<br>nach BCIS:<br>Italien |
|                 | Z     | iSg   |      | 57   | 41   |                           |                         |                |                |   |                                     |
|                 | N     | i     |      | 57   | 58   |                           |                         |                |                |   |                                     |
| 17. März<br>I   | Z     | i     | 20   | 25   | 47   |                           |                         |                |                |   |                                     |
| 17. März<br>II  | Z     | iPg   | 23   | 33   | 11   |                           |                         |                | ca.30          |   |                                     |
|                 | Z     | iSg   |      | 33   | 15   |                           |                         |                |                |   |                                     |
|                 | E     | iL    |      | 33   | 19   |                           |                         |                |                |   |                                     |
| 20. März<br>I   | Z     | iP    | 13   | 48   | 59   |                           |                         |                |                |   |                                     |
|                 | Z     | iP    | 17   | 19   | 36   |                           |                         |                | 8900           | Herdgebiet<br>nach USCGS:<br>Nordostküste<br>von Hondo<br>(Japan)<br>40° N,<br>143 1/2° E |                                     |
| Z               | iPP   |       | 22   | 46   |      |                           |                         |                |                |   |                                     |
| E               | eS    |       | 29   | 36   |      |                           |                         |                |                |   |                                     |
| N               | iSKS  |       | 30   | 08   |      |                           |                         |                |                |   |                                     |
| N               | iPS   |       | 30   | 28   |      |                           |                         |                |                |   |                                     |
| E               | e     |       | 42.1 |      |      |                           |                         |                |                |   |                                     |
| N               | e     |       | 45.5 |      |      |                           |                         |                |                |   |                                     |
| E               | M     |       | 18   | 30.3 | 15   |                           |                         |                |                |   |                                     |
| 21. März<br>I   | Z     | iP    | 00   | 47   | 00   |                           |                         |                | 8900           | Nachstoß  |                                     |
|                 | Z     | i     |      | 47   | 34   |                           |                         |                |                |   |                                     |
|                 | Z     | iPP   |      | 49   | 54   |                           |                         |                |                |   |                                     |
|                 | Z     | i     |      | 51   | 12   |                           |                         |                |                |   |                                     |
|                 | E     | eS    |      | 57   | 02   |                           |                         |                |                |   |                                     |
|                 | E     | M     |      | 01   | 27.7 | 14                        |                         |                |                |   |                                     |
| 21. März<br>II  | Z     | iP    | 09   | 30   | 32   |                           |                         |                | 8900           | Weiterer<br>Nachstoß  |                                     |
|                 | Z     | iPP   |      | 33   | 26   |                           |                         |                |                |   |                                     |
|                 | E     | eS    |      | 40   | 44   |                           |                         |                |                |   |                                     |
|                 | E     | M     |      | 10   | 11.4 | 13                        |                         |                |                |   |                                     |
|                 | E     | M     |      | 10   | 11.4 | 13                        |                         |                |                |   |                                     |
| 21. März<br>III | Z     | iPn   | 18   | 03   | 58   |                           |                         |                | 660            | Herdgebiet<br>nach BCIS:<br>Jugoslawien<br>46.0° N,<br>15.2° E                            |                                     |
|                 | Z     | iPg   |      | 04   | 26   |                           |                         |                |                |   |                                     |
|                 | N     | i     |      | 05   | 21   |                           |                         |                |                |   |                                     |
|                 | N     | i(Sg) |      | 05   | 34   |                           |                         |                |                |   |                                     |
|                 | Z     | M     |      | 05.7 |      |                           |                         |                |                |   |                                     |
|                 | Z     | M     |      | 05.7 |      |                           |                         |                |                |   |                                     |

| Datum            | Komp. | Phase             | MGZ |      |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|------------------|-------|-------------------|-----|------|------|---------------------------|-------------------------|----------------|----------------|---|-------------|
|                  |       |                   | h   | m    | s    |                           | A <sub>x</sub>          | A <sub>y</sub> | A <sub>z</sub> |   |             |
| 22. März<br>I    | Z     | iPKP <sub>2</sub> | 02  | 51   | 54   |                           |                         |                |                |   |             |
|                  | Z     | i                 |     | 52   | 21   |                           |                         |                |                |   |             |
|                  | Z     | e                 |     | 56   | 24   |                           |                         |                |                |   |             |
| 22. März<br>II   | Z     | iPg               | 09  | 29   | 50   |                           |                         |                | ca.55          |   |             |
|                  | Z     | iSg               |     | 29   | 56   |                           |                         |                |                |   |             |
|                  | Z     | iL                |     | 30   | 01   |                           |                         |                |                |   |             |
| 23. März<br>I    | Z     | iP                | 00  | 35   | 32   |                           |                         |                | 8900           | Weiterer<br>Nachstoß<br>Hondo   |             |
|                  | Z     | i                 |     | 35   | 57   |                           |                         |                |                |   |             |
|                  | Z     | i                 |     | 37   | 00   |                           |                         |                |                |   |             |
|                  | Z     | ePP               |     | 38   | 26   |                           |                         |                |                |   |             |
|                  | E     | eS                |     | 45   | 40   |                           |                         |                |                |   |             |
|                  | N     | eSKS              |     | 46   | 11   |                           |                         |                |                |   |             |
|                  | E     | i                 |     | 52   | 25   |                           |                         |                |                |   |             |
|                  | E     | M                 |     | 01   | 16.6 | 15                        |                         |                |                |   |             |
| 23. März<br>II   | Z     | iP                | 01  | 19   | 27   |                           |                         |                | 8900           | Weiterer<br>Nachstoß  |             |
|                  | Z     | iPP               |     | 22   | 27   |                           |                         |                |                |   |             |
| 23. März<br>III  | Z     | i                 | 01  | 52   | 07   |                           |                         |                |                |   |             |
|                  | Z     | i(P)              | 02  | 03   | 59   |                           |                         |                |                |   |             |
| 23. März<br>IV   | Z     | iP                | 08  | 58   | 52   |                           |                         |                |                |   |             |
|                  | Z     | e                 |     | 01   | 58   |                           |                         |                |                |   |             |
| 23. März<br>VI   | Z     | e                 | 10  | 40   | 52   |                           |                         |                |                |   |             |
|                  | Z     | iPg               | 12  | 39   | 36   |                           |                         |                | ca.45          |   |             |
| 23. März<br>VII  | Z     | iSg               |     | 39   | 41   |                           |                         |                |                |   |             |
|                  | E     | iL                |     | 39   | 46   |                           |                         |                |                |   |             |
|                  | E     | iL                |     | 39   | 46   |                           |                         |                |                |   |             |
| 23. März<br>VIII | Z     | iP                | 22  | 34   | 48   |                           |                         |                | 8900           | Weiterer<br>Nachstoß<br>Hondo   |             |
|                  | E     | iPP               |     | 37   | 50   |                           |                         |                |                |   |             |
|                  | E     | i(S)              |     | 45   | 06   |                           |                         |                |                |   |             |
|                  | E     | M                 |     | 15.7 |      | 15                        |                         |                |                |   |             |
|                  | E     | M                 |     | 15.7 |      | 15                        |                         |                |                |   |             |
| 23. März<br>IX   | Z     | iPn               | 23  | 10   | 13   |                           |                         |                | 600            | Herdgebiet<br>nach BCIS:<br>Berner Alpen<br>(Schweiz)<br>46°29' N,<br>8°06' E |             |
|                  | Z     | iPg               |     | 10   | 26   |                           |                         |                |                |   |             |
|                  | N     | i                 |     | 10   | 38   |                           |                         |                |                |   |             |
|                  | N     | iSn               |     | 11   | 13   |                           |                         |                |                |   |             |
|                  | N     | i                 |     | 11   | 23   |                           |                         |                |                |   |             |
|                  | N     | i                 |     | 11   | 23   |                           |                         |                |                |   |             |



| Datum    | Komp. | Phase             | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen                               |
|----------|-------|-------------------|-----|------|----|---------------------------|-------------------------|----------------|----------------|----------------|---|
|          |       |                   | b   | m    | s  |                           | A <sub>g</sub>          | A <sub>g</sub> | A <sub>s</sub> |                |   |
| noch     |       |                   |     |      |    |                           |                         |                |                |                |   |
| 23. März | N     | 1(Sg)             |     | 11   | 56 | 2                         |                         |                |                | ca.30          |   |
| IX       | N     | M                 |     | 12.6 |    |                           |                         |                |                |                |   |
| 24. März | Z     | 1P                | 06  | 06   | 18 |                           |                         |                |                |                |   |
| 25. März | Z     | 1                 | 02  | 47   | 56 |                           |                         |                |                |                |   |
| 27. März | Z     | 1Pg               | 01  | 14   | 14 |                           |                         |                |                |                |   |
| I        | Z     | 1Sg               |     | 14   | 18 |                           |                         |                |                |                |   |
|          | Z     | 1L                |     | 14   | 24 |                           |                         |                |                |                |   |
| 27. März | Z     | ePKP              | 04  | 07   | 53 |                           |                         |                |                |                |   |
| II       | Z     | ePP               |     | 10   | 37 |                           |                         |                |                |                | Herdgebiet nach USCGS: Neue Hebriden      |
|          | Z     | e(SKP)            |     | 11   | 43 |                           |                         |                |                |                |   |
| 27. März | Z     | ePKP              | 09  | 17   | 20 |                           |                         |                |                |                |   |
| III      | Z     | 1(PF)             |     | 20   | 04 |                           |                         |                |                |                | 15000 Dieselbe Herdlage                   |
|          | Z     | 1(SKP)            |     | 21   | 08 |                           |                         |                |                |                |   |
|          | N     | eSKS              |     | 24   | 33 |                           |                         |                |                |                |   |
| 27. März | Z     | e                 | 20  | 32   | 19 |                           |                         |                |                |                |   |
| IV       | Z     | e                 |     | 32   | 34 |                           |                         |                |                |                |   |
| 27. März | Z     | 1PKP <sub>2</sub> | 23  | 48   | 52 |                           |                         |                |                |                |   |
| V        | Z     | 1                 |     | 50   | 12 |                           |                         |                |                |                | 18000 Herdgebiet nach USCGS: Neuseeland   |
|          | Z     | ePP               |     | 52   | 25 |                           |                         |                |                |                |   |
| 28. März | Z     | 1P                | 00  | 26   | 25 |                           |                         |                |                |                |   |
| I        | Z     | ePP               |     | 29   | 48 |                           |                         |                |                |                | 9700 Herdgebiet nach USCGS: Panama        |
|          | E     | eSKS              |     | 36   | 50 |                           |                         |                |                |                |   |
|          | E     | e                 |     | 37   | 05 |                           |                         |                |                |                |   |
|          | E     | M                 | 01  | 01.0 |    | 20                        |                         |                |                |                |   |
| 28. März | Z     | 1Pg               | 02  | 53   | 23 |                           |                         |                |                |                |   |
| II       | Z     | 1Sn               |     | 53   | 50 |                           |                         |                |                |                | 400 Herdgebiet nach BCIS: Schwäbische Alb |
|          | Z     | 1                 |     | 54   | 06 |                           |                         |                |                |                | 48.3° N, 9° E                             |
|          | Z     | 1Sg               |     | 54   | 11 |                           |                         |                |                |                |   |
|          | Z     | M                 |     | 54   | 21 |                           |                         |                |                |                |   |
| 28. März | Z     | 1Pg               | 12  | 43   | 36 |                           |                         |                |                |                |   |
| III      | Z     | 1Sg               |     | 43   | 40 |                           |                         |                |                |                | ca.35                                     |
|          | N     | 1L                |     | 43   | 43 |                           |                         |                |                |                |   |
| 28. März | Z     | 1PKP              | 12  | 57   | 46 |                           |                         |                |                |                |   |
| IV       | Z     | ePP               | 13  | 01   | 16 |                           |                         |                |                |                |   |

| Datum        | Komp. | Phase  | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen                                |
|--------------|-------|--------|-----|------|----|---------------------------|-------------------------|----------------|----------------|----------------|--|
|              |       |        | b   | m    | s  |                           | A <sub>g</sub>          | A <sub>g</sub> | A <sub>s</sub> |                |  |
| 28. März     | Z     | 1      | 20  | 54   | 20 |                           |                         |                |                |                |  |
| V            | N     | 1      |     | 55   | 33 |                           |                         |                |                |                |  |
| 28. März     | Z     | 1      | 21  | 29   | 25 |                           |                         |                |                |                |  |
| VI           | Z     | 1      |     | 29   | 29 |                           |                         |                |                |                |  |
| 29. März     | Z     | 1PKP   | 06  | 50   | 29 |                           |                         |                |                |                | 16000 Herdgebiet nach USCGS: Neue Hebriden |
|              | Z     | 1      |     | 50   | 35 |                           |                         |                |                |                | 17° S, 167° E                              |
|              | Z     | 1PP    |     | 53   | 31 |                           |                         |                |                |                |  |
|              | E     | ePKS   |     | 54   | 21 |                           |                         |                |                |                |  |
|              | E     | eSKKS  | 07  | 00   | 22 |                           |                         |                |                |                |  |
|              | E     | eL     |     | 34.0 |    |                           |                         |                |                |                |  |
|              | E     | M      |     | 41.5 |    | 21                        |                         |                |                |                |  |
| 30. März     | Z     | ePKP   | 11  | 09   | 16 |                           |                         |                |                |                | 15500 Herdgebiet nach USCGS: Neue Hebriden |
| I            | Z     | ePP    |     | 12   | 02 |                           |                         |                |                |                |  |
|              | N     | e(SKS) |     | 17   | 26 |                           |                         |                |                |                |  |
| 30. März     | Z     | eP     | 13  | 03   | 57 |                           |                         |                |                |                |  |
| II           | Z     | epP    |     | 04   | 02 |                           |                         |                |                |                |  |
| 30. März     | Z     | 1PKP   | 15  | 39   | 16 |                           |                         |                |                |                |  |
| III          | Z     | 1      |     | 39   | 46 |                           |                         |                |                |                | ca.30                                      |
| 31. März     | Z     | 1Pg    | 12  | 40   | 04 |                           |                         |                |                |                |  |
| I            | Z     | 1Sg    |     | 40   | 08 |                           |                         |                |                |                |  |
|              | E     | 1L     |     | 40   | 13 |                           |                         |                |                |                |  |
| 31. März     | E     | M      | 20  | 49.2 |    | 15                        |                         |                |                |                |  |
| II           |       |        |     |      |    |                           |                         |                |                |                |  |
| <u>April</u> |       |        |     |      |    |                           |                         |                |                |                |  |
| 1. April     | Z     | 1PKP   | 03  | 13   | 49 |                           |                         |                |                |                |  |
| I            | Z     | 1PKP   |     | 16.0 |    |                           |                         |                |                |                |  |
| 1. April     | Z     | 1(PKP) | 23  | 21   | 15 |                           |                         |                |                |                |  |
| II           |       |        |     |      |    |                           |                         |                |                |                |  |
| 2. April     | Z     | e(PKP) | 15  | 06   | 56 |                           |                         |                |                |                |  |
| 4. April     | Z     | 1PKP   | 08  | 15   | 23 |                           |                         |                |                |                |  |
|              | Z     | 1      |     | 15   | 40 |                           |                         |                |                |                |  |



| Datum           | Komp. | Phase                | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $d$<br>km  | Bemerkungen |
|-----------------|-------|----------------------|-----|----|----|---------------------------|-------------------------|----------------|----------------|--|-------------|
|                 |       |                      | h   | m  | s  |                           | A <sub>x</sub>          | A <sub>y</sub> | A <sub>z</sub> |  |             |
| 5. April<br>I   | Z     | iPg                  | 04  | 26 | 56 |                           |                         |                | 400            | Herdgebiet<br>nach BCIS:<br>Schwäbische<br>Alb<br>Wiederholung<br>vom 28. 3.<br>II |             |
|                 | Z     | iSn                  |     | 27 | 15 |                           |                         |                |                |  |             |
|                 | Z     | i                    |     | 27 | 24 |                           |                         |                |                |  |             |
|                 | Z     | iSg                  |     | 27 | 41 |                           |                         |                |                |  |             |
| 5. April<br>II  | Z     | eP                   | 17  | 29 | 10 |                           |                         |                | 1800           | Herdgebiet<br>nach USCGS:<br>Nord-<br>Atlantik                                     |             |
|                 | Z     | ePP                  |     | 29 | 23 |                           |                         |                |                |  |             |
|                 | Z     | ePPP                 |     | 29 | 30 |                           |                         |                |                |  |             |
| 6. April<br>I   | Z     | iPg                  | 12  | 58 | 01 |                           |                         |                | ca.40          |  |             |
|                 | E     | iSg                  |     | 58 | 06 |                           |                         |                |                |  |             |
|                 | E     | iL                   |     | 58 | 10 |                           |                         |                |                |  |             |
| 6. April<br>II  | Z     | iPg                  | 19  | 39 | 35 |                           |                         |                | ca.20          |  |             |
|                 | Z     | iSg                  |     | 39 | 37 |                           |                         |                |                |  |             |
|                 | Z     | iL                   |     | 39 | 39 |                           |                         |                |                |  |             |
| 7. April<br>I   | Z     | i                    | 11  | 56 | 13 |                           |                         |                |                |  |             |
| 7. April<br>II  | Z     | iPg                  | 12  | 00 | 32 |                           |                         |                | 190            |  |             |
|                 | Z     | i                    |     | 00 | 39 |                           |                         |                |                |  |             |
|                 | N     | i                    |     | 00 | 53 |                           |                         |                |                |  |             |
|                 | Z     | iSg                  |     | 00 | 55 |                           |                         |                |                |  |             |
| 7. April<br>III | Z     | iPg                  | 12  | 10 | 26 |                           |                         |                | ca.70          |  |             |
|                 | Z     | iSg                  |     | 10 | 35 |                           |                         |                |                |  |             |
|                 | Z     | iL                   |     | 10 | 40 |                           |                         |                |                |  |             |
| 7. April<br>IV  | Z     | iPKP <sub>1</sub>    | 14  | 06 | 28 |                           |                         |                |                | Herdgebiet<br>nach USCGS:<br>Fidschi-<br>Inseln                                    |             |
|                 | Z     | i(PKP <sub>2</sub> ) |     | 06 | 38 |                           |                         |                |                |  |             |
|                 | Z     | ipPKP <sub>1</sub>   |     | 08 | 28 |                           |                         |                |                |  |             |
|                 | E     | ePKKS                |     | 18 | 52 |                           |                         |                |                |  |             |
| 7. April<br>V   | Z     | iPKP <sub>1</sub>    | 24  | 15 | 19 |                           |                         |                | 16600          | Herdgebiet<br>nach USCGS:<br>Tonga-Inseln  |             |
|                 | Z     | i                    |     | 15 | 24 |                           |                         |                |                |  |             |
|                 | Z     | ipPKP                |     | 16 | 12 |                           |                         |                |                |  |             |
| 8. April        | Z     | iPg                  | 09  | 59 | 57 |                           |                         |                | 180            | Nach<br>Pruhonice:<br>Sprengung<br>CSSR  |             |
|                 | N     | iSg                  | 10  | 00 | 19 |                           |                         |                |                |  |             |
|                 | N     | eL                   |     | 00 | 43 |                           |                         |                |                |  |             |
| 10. April<br>I  | Z     | iPg                  | 06  | 59 | 20 |                           |                         |                | ca.70          |  |             |
|                 | Z     | iSg                  |     | 59 | 29 |                           |                         |                |                |  |             |
|                 | N     | iL                   |     | 59 | 35 |                           |                         |                |                |  |             |

| Datum            | Komp. | Phase             | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $d$<br>km  | Bemerkungen |
|------------------|-------|-------------------|-----|------|----|---------------------------|-------------------------|----------------|----------------|--|-------------|
|                  |       |                   | h   | m    | s  |                           | A <sub>x</sub>          | A <sub>y</sub> | A <sub>z</sub> |  |             |
| 10. April<br>II  | Z     | iPg               | 15  | 18   | 58 |                           |                         |                | ca.30          |  |             |
|                  | Z     | iSg               |     | 19   | 02 |                           |                         |                |                |  |             |
|                  | E     | iL                |     | 19   | 07 |                           |                         |                |                |  |             |
| 10. April<br>III | Z     | iP                | 20  | 38   | 02 |                           |                         |                |                |  |             |
|                  | Z     | i                 |     | 39   | 46 |                           |                         |                |                |  |             |
| 10. April<br>IV  | Z     | eP                | 22  | 09   | 35 |                           |                         |                |                |  |             |
|                  | Z     | i                 |     | 09   | 41 |                           |                         |                |                |  |             |
| 12. April        | E     | M                 |     | 17.6 |    |                           |                         |                |                |  |             |
|                  | Z     | iP                | 04  | 26   | 52 |                           |                         |                |                |  |             |
| 12. April        | Z     | ePP               |     | 27   | 07 |                           |                         |                | 1900           | Herdgebiet<br>nach BCIS:<br>West-Türkei                        |             |
|                  | Z     | iP                |     | 27   | 07 |                           |                         |                |                |  |             |
| 13. April<br>I   | Z     | iPg               | 11  | 59   | 07 |                           |                         |                | ca.30          |  |             |
|                  | Z     | iSg               |     | 59   | 11 |                           |                         |                |                |  |             |
|                  | E     | iL                |     | 59   | 17 |                           |                         |                |                |  |             |
| 13. April<br>II  | Z     | iP                | 12  | 50   | 29 |                           |                         |                |                |  |             |
|                  | Z     | i                 |     | 50   | 48 |                           |                         |                |                |  |             |
|                  | Z     | i                 |     | 51   | 12 |                           |                         |                |                |  |             |
| 13. April<br>III | Z     | e(PP)             |     | 53   | 33 |                           |                         |                | ca.40          |  |             |
|                  | Z     | iPg               | 21  | 01   | 17 |                           |                         |                |                |  |             |
|                  | Z     | iSg               |     | 01   | 22 |                           |                         |                |                |  |             |
| 13. April<br>III | Z     | iL                |     | 01   | 28 |                           |                         |                |                |  |             |
|                  | Z     | iPg               |     | 01   | 22 |                           |                         |                |                |  |             |
|                  | Z     | iSg               |     | 01   | 28 |                           |                         |                |                |  |             |
| 15. April<br>I   | Z     | iP                | 11  | 50   | 49 |                           |                         |                | 8500           | Herdgebiet<br>nach USCGS:<br>Nordküste<br>von Hondo<br>(Japan) |             |
|                  | Z     | iPP               |     | 53   | 45 |                           |                         |                |                |  |             |
|                  | E     | eS                | 12  | 00   | 32 |                           |                         |                |                |  |             |
| 15. April<br>II  | E     | e                 |     | 01   | 36 |                           |                         |                | 15000          | Herdgebiet<br>nach USCGS:<br>Neue<br>Hebriden                  |             |
|                  | Z     | iPKP              | 22  | 24   | 36 |                           |                         |                |                |  |             |
|                  | Z     | ePP               |     | 27   | 17 |                           |                         |                |                |  |             |
| 15. April<br>II  | Z     | ePKS              |     | 28   | 01 |                           |                         |                |                |  |             |
|                  | Z     | e                 |     | 29   | 25 |                           |                         |                |                |  |             |
|                  | N     | e                 |     | 29   | 25 |                           |                         |                |                |  |             |
| 17. April<br>I   | Z     | iPKP <sub>1</sub> | 15  | 59   | 55 |                           |                         |                |                |  |             |
|                  | Z     | ePKP <sub>2</sub> | 16  | 00   | 05 |                           |                         |                |                |  |             |
| 17. April<br>II  | Z     | iPKP              | 22  | 08   | 20 |                           |                         |                |                |  |             |
|                  | Z     | iPKP              | 22  | 08   | 20 |                           |                         |                |                |  |             |
| 18. April        | Z     | iP                | 08  | 19   | 13 |                           |                         |                |                |  |             |
|                  | Z     | iPP               |     | 22   | 49 |                           |                         |                |                |  |             |





| Datum     | Komp. | Phase             | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude μm   |                |                | Δ<br>km  | Bemerkungen |
|-----------|-------|-------------------|-----|------|----|---------------------------|----------------|----------------|----------------|--|-------------|
|           |       |                   | h   | m    | s  |                           | A <sub>H</sub> | A <sub>B</sub> | A <sub>S</sub> |  |             |
| 19. April | Z     | 1PKP <sub>1</sub> | 09  | 42   | 25 |                           |                |                | 16500          | Herdgebiet nach USCGS: Tonga-Insel                                       |             |
| I         | Z     | 1PKP <sub>2</sub> |     | 42   | 32 |                           |                |                |                |  |             |
|           | Z     | ePKS              |     | 45   | 51 |                           |                |                |                |  |             |
| 19. April | Z     | 1P                | 19  | 37   | 59 |                           |                |                |                |  |             |
| II        |       |                   |     |      |    |                           |                |                |                |  |             |
| 20. April | Z     | 1P                | 20  | 44   | 52 |                           |                |                |                |  |             |
| I         |       |                   |     |      |    |                           |                |                |                |  |             |
| 20. April | Z     | 1Pg               | 20  | 55   | 04 |                           |                |                | ca. 25         |  |             |
| II        | E     | 1Sg               |     | 55   | 07 |                           |                |                |                |  |             |
|           | E     | 1L                |     | 55   | 10 |                           |                |                |                |  |             |
| 21. April | Z     | 1PKP              | 16  | 41   | 49 |                           |                |                |                |  |             |
| 22. April | Z     | e                 | 11  | 05   | 43 |                           |                |                |                |  |             |
| I         | Z     | i                 |     | 05   | 45 |                           |                |                |                |  |             |
| 22. April | Z     | 1Pg               | 12  | 31   | 03 |                           |                |                | ca. 40         |  |             |
| II        | N     | 1Sg               |     | 31   | 08 |                           |                |                |                |  |             |
|           | N     | i                 |     | 31   | 12 |                           |                |                |                |  |             |
| 22. April | Z     | 1PKP              | 20  | 45   | 48 |                           |                |                |                |  |             |
| III       | Z     | 1pPKP             |     | 46   | 44 |                           |                |                |                |  |             |
|           | Z     | 1PP               |     | 49   | 07 |                           |                |                |                |  |             |
| 23. April | Z     | 1(Sn)             | 11  | 47   | 33 |                           |                |                |                |  |             |
| I         | Z     | i                 |     | 47   | 56 |                           |                |                |                |  |             |
|           | N     | 1(Sg)             |     | 48   | 15 |                           |                |                |                |  |             |
|           | E     | M                 |     | 49.1 |    |                           |                |                |                |  |             |
| 23. April | Z     | 1P                | 13  | 18   | 09 |                           |                |                |                |  |             |
| II        |       |                   |     |      |    |                           |                |                |                |  |             |
| 24. April | Z     | 1P                | 03  | 35   | 19 |                           |                |                | 11200          | h = ca. 600 km<br>Herdgebiet nach USCGS: Java-See<br>6° S,<br>113 1/2° E |             |
| I         | Z     | 1pP               |     | 37   | 29 |                           |                |                |                |  |             |
|           | Z     | 1PP               |     | 39   | 31 |                           |                |                |                |  |             |
|           | Z     | ePPP              |     | 41   | 45 |                           |                |                |                |  |             |
|           | E     | 1(SKS)            |     | 45   | 00 |                           |                |                |                |  |             |
|           | E     | eS                |     | 46   | 08 |                           |                |                |                |  |             |
|           | Z     | 1SP               |     | 47   | 37 |                           |                |                |                |  |             |
|           | E     | ePS               |     | 49   | 02 |                           |                |                |                |  |             |
|           | Z     | 1PKKP             |     | 51   | 23 |                           |                |                |                |  |             |
|           | E     | eSS               |     | 53   | 22 |                           |                |                |                |  |             |

| Datum     | Komp. | Phase  | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude μm   |                |                | Δ<br>km  | Bemerkungen |
|-----------|-------|--------|-----|------|----|---------------------------|----------------|----------------|----------------|--|-------------|
|           |       |        | h   | m    | s  |                           | A <sub>H</sub> | A <sub>B</sub> | A <sub>S</sub> |  |             |
| 24. April | Z     | 1P     | 12  | 22   | 02 |                           |                |                | 4400           | Herdgebiet nach USCGS: Süd-Iran<br>28° N,<br>54 1/2° E |             |
| II        | Z     | 1PP    |     | 23   | 36 |                           |                |                |                |  |             |
|           | Z     | 1(PPP) |     | 24   | 06 |                           |                |                |                |  |             |
|           | E     | 1S     |     | 28   | 04 |                           |                |                |                |  |             |
|           | E     | 1ScS   |     | 32   | 07 |                           |                |                |                |  |             |
|           | E     | eL     |     | 37.8 |    |                           |                |                |                |  |             |
|           | E     | M      |     | 39.2 |    | 20                        |                |                |                |  |             |
| 25. April | Z     | i      | 16  | 33   | 30 |                           |                |                |                |  |             |
|           | Z     | i      |     | 33   | 36 |                           |                |                |                |  |             |
|           | E     | 1S     |     | 35   | 17 |                           |                |                |                |  |             |
|           | E     | L      |     | 38   | 00 |                           |                |                |                |  |             |
| 26. April | N     | 1Sg    | 11  | 03   | 00 |                           |                |                |                |  |             |
| I         |       |        |     |      |    |                           |                |                |                |  |             |
| 26. April | Z     | 1Pg    | 15  | 55   | 47 |                           |                |                | 200            |  |             |
| II        | Z     | 1Sg    |     | 56   | 11 |                           |                |                |                |  |             |
|           | E     | 1L     |     | 56   | 26 |                           |                |                |                |  |             |
| 27. April | Z     | 1Pg    | 11  | 32   | 23 |                           |                |                | 130            |  |             |
| I         | Z     | 1Sg    |     | 32   | 39 |                           |                |                |                |  |             |
|           | N     | 1L     |     | 32   | 52 |                           |                |                |                |  |             |
| 27. April | Z     | i      | 22  | 56   | 38 |                           |                |                |                |  |             |
| II        |       |        |     |      |    |                           |                |                |                |  |             |
| 28. April | Z     | 1P     | 16  | 37   | 56 |                           |                |                |                |  |             |
|           | Z     | 1PP    |     | 38   | 17 |                           |                |                |                |  |             |
| 29. April | Z     | ePKP   | 13  | 58   | 27 |                           |                |                |                |  |             |
| I         |       |        |     |      |    |                           |                |                |                |  |             |
| 29. April | Z     | 1P     | 19  | 46   | 10 |                           |                |                | 11400          | Herdgebiet nach USCGS: Celebes<br>0°, 122° E           |             |
| II        | Z     | 1PP    |     | 50   | 23 |                           |                |                |                |  |             |
|           | Z     | 1PPP   |     | 52   | 38 |                           |                |                |                |  |             |
|           | E     | 1(SKS) |     | 56   | 50 |                           |                |                |                |  |             |
|           | E     | ePS    |     | 59   | 13 |                           |                |                |                |  |             |
|           | E     | M      | 20  | 54.8 |    | 18                        |                |                |                |  |             |
| 29. April | Z     | 1P     | 20  | 58   | 25 |                           |                |                |                |  |             |
| III       | Z     | 1PP    | 21  | 02   | 42 |                           |                |                |                |  |             |
|           | E     | 1(SKS) |     | 09   | 20 |                           |                |                |                |  |             |

Nachstoß



| Datum     | Komp. | Phase  | MGZ |    |    | Periode<br>T <sub>0</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen  |
|-----------|-------|--------|-----|----|----|---------------------------|-------------------------|----------------|----------------|----------------|--|
|           |       |        | h   | m  | s  |                           | A <sub>N</sub>          | A <sub>E</sub> | A <sub>Z</sub> |                |  |
| 30. April | Z     | iP     | 04  | 15 | 16 |                           |                         |                |                |                | Weiterer<br>Nachstoß   |
|           | Z     | eFP    |     | 19 | 32 |                           |                         |                |                |                |  |
|           | E     | i(SKS) |     | 26 | 07 |                           |                         |                |                |                |  |
| <u>Ma</u> |       |        |     |    |    |                           |                         |                |                |                |  |
| 2. Mai    | Z     | iP     | 01  | 08 | 41 |                           |                         |                |                |                |  |
|           | I     | Z      |     | 10 | 32 |                           |                         |                |                |                |  |
| 2. Mai    | Z     | i      | 08  | 52 | 38 |                           |                         |                |                |                |  |
| 2. Mai    | Z     | iP     | 12  | 24 | 10 |                           |                         |                | 11000          |                | Herdgebiet<br>nach USCGS:<br>Celebes                                   |
|           | Z     | e(FP)  |     | 28 | 14 |                           |                         |                |                |                |  |
|           | E     | iSKKS  |     | 35 | 06 |                           |                         |                |                |                |  |
| 2. Mai    | Z     | iPg    | 12  | 27 | 44 |                           |                         |                | 90             |                |  |
|           | Z     | iSg    |     | 27 | 55 |                           |                         |                |                |                |  |
|           | N     | iL     |     | 28 | 04 |                           |                         |                |                |                |  |
| 3. Mai    | Z     | i(P)   | 07  | 06 | 31 |                           |                         |                |                |                |  |
| 3. Mai    | Z     | iP     | 08  | 06 | 00 |                           |                         |                |                |                |  |
| 3. Mai    | Z     | iPg    | 12  | 47 | 10 |                           |                         |                | ca.30          |                |  |
|           | Z     | iSg    |     | 47 | 14 |                           |                         |                |                |                |  |
|           | N     | iL     |     | 47 | 17 |                           |                         |                |                |                |  |
| 3. Mai    | Z     | iP     | 22  | 35 | 04 |                           |                         |                | 9500           |                | h = ca.<br>150 km<br>Herdgebiet<br>nach USCGS:<br>Süd-Hondo<br>(Japan) |
|           | Z     | ipP    |     | 35 | 41 |                           |                         |                |                |                |  |
|           | Z     | iFP    |     | 38 | 29 |                           |                         |                |                |                |  |
| 3. Mai    | Z     | i      | 24  | 16 | 19 |                           |                         |                |                |                |  |
| 4. Mai    | Z     | iPg    | 10  | 49 | 26 |                           |                         |                | ca.40          |                |  |
|           | Z     | iSg    |     | 49 | 31 |                           |                         |                |                |                |  |
|           | Z     | iL     |     | 49 | 36 |                           |                         |                |                |                |  |
| 4. Mai    | Z     | iPKP   | 18  | 49 | 22 |                           |                         |                | 16000          |                | Herdgebiet<br>nach USCGS:<br>Loyalty-<br>Inseln                        |
|           | Z     | i      |     | 49 | 37 |                           |                         |                |                |                |  |
|           | E     | eFP    |     | 52 | 13 |                           |                         |                |                |                |  |

| Datum   | Komp. | Phase | MGZ |      |      | Periode<br>T <sub>0</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen   |
|---------|-------|-------|-----|------|------|---------------------------|-------------------------|----------------|----------------|----------------|---|
|         |       |       | h   | m    | s    |                           | A <sub>N</sub>          | A <sub>E</sub> | A <sub>Z</sub> |                |   |
| 5. Mai  | Z     | iPg   | 01  | 09   | 44   |                           |                         |                |                | ca.25          |   |
|         | I     | Z     |     | 09   | 47   |                           |                         |                |                |                |   |
|         | Z     | iL    |     | 09   | 52   |                           |                         |                |                |                |   |
| 5. Mai  | Z     | iPKP  | 01  | 22   | 34   |                           |                         |                |                |                |   |
| 6. Mai  | Z     | iP    | 18  | 58   | 50   |                           |                         |                |                |                |   |
|         | Z     | iPcP  |     | 59   | 15   |                           |                         |                |                |                |   |
| 8. Mai  | Z     | iP    | 14  | 41   | 14   |                           |                         |                |                |                |   |
| 9. Mai  | Z     | iP    | 00  | 23   | 32   |                           |                         |                |                |                |   |
|         | I     | Z     |     | 24   | 09   |                           |                         |                |                |                |   |
| 9. Mai  | Z     | iPg   | 01  | 22   | 23   |                           |                         |                |                | ca.20          |   |
|         | Z     | iSg   |     | 22   | 25.5 |                           |                         |                |                |                |   |
|         | E     | iL    |     | 22   | 26   |                           |                         |                |                |                |   |
| 11. Mai | Z     | iPg   | 13  | 27   | 21   |                           |                         |                |                | 750            | Herdgebiet<br>nach BCIS:<br>Emilie<br>(Italien)<br>44.6° N,<br>11.2° E    |
|         | Z     | iSn   |     | 28   | 20   |                           |                         |                |                |                |   |
|         | Z     | i     |     | 28   | 35   |                           |                         |                |                |                |   |
|         | Z     | iSg   |     | 28   | 45   |                           |                         |                |                |                |   |
|         | Z     | M     |     | 29   | 00   |                           |                         |                |                |                |   |
| 12. Mai | Z     | iPg   | 12  | 45   | 23   |                           |                         |                |                | ca.30          |   |
|         | I     | N     |     | 45   | 27   |                           |                         |                |                |                |   |
|         | N     | iL    |     | 45   | 31   |                           |                         |                |                |                |   |
| 12. Mai | Z     | iP    | 22  | 45   | 15   |                           |                         |                |                | 9500           | Herdgebiet<br>nach USCGS:<br>Panama<br>7 1/2° N,<br>81° W                 |
|         | Z     | eFP   |     | 48   | 42   |                           |                         |                |                |                |   |
|         | E     | iS    |     | 55   | 43   |                           |                         |                |                |                |   |
|         | E     | e     |     | 55   | 55   |                           |                         |                |                |                |   |
|         | E     | M     | 23  | 27.5 |      | 16                        |                         |                |                |                |   |
| 12. Mai | Z     | iP    | 23  | 13   | 21   |                           |                         |                |                |                |   |
|         | III   | E     |     | 23   | 55   |                           |                         |                |                |                |   |
| 13. Mai | Z     | iPn   | 03  | 56   | 40   |                           |                         |                |                | 450            | Herdgebiet<br>nach BCIS:<br>Vogesen<br>(Frankreich)<br>48.5° N,<br>7.3° E |
|         | I     | Z     |     | 56   | 55   |                           |                         |                |                |                |   |
|         | Z     | i(Sn) |     | 57   | 32   |                           |                         |                |                |                |   |
|         | Z     | iSg   |     | 57   | 39   |                           |                         |                |                |                |   |
|         | Z     | i     |     | 57   | 54   |                           |                         |                |                |                |   |
|         | Z     | iL    |     | 57   | 07   |                           |                         |                |                |                |   |



| Datum         | Komp. | Phase | MGZ  |      |    | Periode<br>Ts | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km   | Bemerkungen |
|---------------|-------|-------|------|------|----|---------------|-------------------------|----------------|----------------|--|-------------|
|               |       |       | h    | m    | s  |               | A <sub>H</sub>          | A <sub>B</sub> | A <sub>S</sub> |  |             |
| 13. Mai<br>II | Z     | iP    | 16   | 18   | 50 | 20            |                         |                | 8300           | Herdgebiet nach USCGS: Alaska  |             |
|               | Z     | iPoP  |      | 19   | 02 |               |                         |                |                |  |             |
|               | Z     | ePP   |      | 21   | 47 |               |                         |                |                |  |             |
|               | N     | iS    |      | 28   | 19 |               |                         |                |                |  |             |
|               | N     | iScS  |      | 29   | 16 |               |                         |                |                |  |             |
|               | E     | M     | 17   | 00.3 |    |               |                         |                |                |  |             |
| 14. Mai       | Z     | iP    | 22   | 31   | 22 |               |                         |                | 8000           | Herdgebiet nach USCGS: Kamtschatka                                       |             |
|               | E     | iS    |      | 40   | 42 |               |                         |                |                |  |             |
| 15. Mai<br>I  | N     | iPg   | 13   | 00   | 32 |               |                         |                | ca.80          |  |             |
|               | N     | iSg   |      | 00   | 42 |               |                         |                |                |  |             |
|               | N     | iL    |      | 00   | 48 |               |                         |                |                |  |             |
| 15. Mai<br>II | Z     | e(P)  | 13   | 42   | 48 |               |                         |                |                |  |             |
| 16. Mai       | Z     | iPg   | 12   | 48   | 51 |               |                         |                | ca.30          |  |             |
|               | N     | iSg   |      | 48   | 55 |               |                         |                |                |  |             |
|               | N     | iL    |      | 49   | 00 |               |                         |                |                |  |             |
| 17. Mai       | Z     | iPg   | 16   | 22   | 10 |               |                         |                | ca.50          |  |             |
|               | Z     | iSg   |      | 22   | 16 |               |                         |                |                |  |             |
|               | N     | iL    |      | 22   | 19 |               |                         |                |                |  |             |
| 18. Mai<br>I  | Z     | iP    | 06   | 47   | 29 | 18            |                         |                | 9200           | h = ca. 100 km<br>Herdgebiet nach USCGS: Riu-Kiu-Inseln<br>29° N, 130° E |             |
|               | Z     | iPP   |      | 47   | 47 |               |                         |                |                |  |             |
|               | E     | eSKS  |      | 57   | 44 |               |                         |                |                |  |             |
|               | E     | iPS   |      | 58   | 49 |               |                         |                |                |  |             |
|               | E     | eL    | 07   | 07.7 |    |               |                         |                |                |  |             |
|               | E     | M     |      | 28.7 |    |               |                         |                |                |  |             |
|               |       | Z     | eP   | 08   | 48 |               | 32                      |                |                |  |             |
| 18. Mai<br>II | E     | ePP   |      | 50   | 09 | 4400          |                         |                | 4400           | Herdgebiet nach USCGS: Persischer Golf                                   |             |
|               | E     | ePPP  |      | 50   | 25 |               |                         |                |                |  |             |
|               | E     | iS    |      | 54   | 35 |               |                         |                |                |  |             |
|               |       | Z     | iP   | 02   | 14 |               |                         |                |                |  | 55          |
| 19. Mai<br>I  | E     | iPP   |      | 16   | 39 | 4900          |                         |                | 4900           | h = ca. 180 km<br>Herdgebiet nach USCGS: Hindukusch                      |             |
|               | E     | iS    |      | 21   | 24 |               |                         |                |                |  |             |
|               | E     | i     |      | 22   | 31 |               |                         |                |                |  |             |
|               |       | Z     | i(P) | 10   | 24 |               |                         |                |                |  | 32          |
| 19. Mai<br>II | Z     | i     |      | 24   | 59 |               |                         |                |                |  |             |
|               | E     | e(S)  |      | 35.1 |    |               |                         |                |                |  |             |
|               | E     | eL    |      | 47.8 |    |               |                         |                |                |  |             |

| Datum          | Komp.          | Phase             | MGZ  |      |    | Periode<br>Ts | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|----------------|----------------|-------------------|------|------|----|---------------|-------------------------|----------------|----------------|---|-------------|
|                |                |                   | h    | m    | s  |               | A <sub>H</sub>          | A <sub>B</sub> | A <sub>S</sub> |   |             |
| 19. Mai<br>III | Z              | iPg               | 15   | 04   | 13 |               |                         |                | ca.25          |   |             |
|                | N              | iSg               |      | 04   | 16 |               |                         |                |                |   |             |
|                | N              | iL                |      | 04   | 20 |               |                         |                |                |   |             |
| 20. Mai<br>I   | Z              | iPKP <sub>1</sub> | 11   | 32   | 21 |               |                         |                | 16700          | Herdgebiet nach USCGS: Norfolk-Ingeln<br>28° S, 167 1/2° E            |             |
|                | Z              | i                 |      | 32   | 28 |               |                         |                |                |   |             |
|                | E              | iPKP <sub>2</sub> |      | 32   | 36 |               |                         |                |                |   |             |
|                | Z              | ePP               |      | 36   | 05 |               |                         |                |                |   |             |
|                | E              | eSKKS             |      | 42   | 56 |               |                         |                |                |   |             |
|                | E              | M <sub>1</sub>    | 12   | 45.3 |    |               | 18                      |                |                |   |             |
|                | E              | M <sub>2</sub>    |      | 47.8 |    | 18            |                         |                |                |   |             |
| 20. Mai<br>II  | Z              | iPg               | 15   | 01   | 04 |               |                         |                | 300            | Herdgebiet nach BCIS: Böhmerwald (Deutschland)                        |             |
|                | Z              | i                 |      | 01   | 21 |               |                         |                |                |   |             |
|                | Z              | iSg               |      | 01   | 41 |               |                         |                |                |   |             |
|                | Z              | iL                |      | 01   | 50 |               |                         |                |                |   |             |
| 21. Mai<br>I   | Z              | iP                | 06   | 44   | 54 |               |                         |                | 12900          | Herdgebiet nach USCGS: Küstengebiet von Chile<br>37 1/2° S, 73 1/2° W |             |
|                | Z              | i                 |      | 44   | 59 |               |                         |                |                |   |             |
|                | E              | e(S)              |      | 47   | 53 |               |                         |                |                |   |             |
|                | E              | M                 |      | 50.4 |    |               | 5                       |                |                |   |             |
| 21. Mai<br>II  | Z              | iP                | 10   | 17   | 52 |               |                         |                | 12900          | Herdgebiet nach USCGS: Küstengebiet von Chile<br>37 1/2° S, 73 1/2° W |             |
|                | Z              | iPKP              |      | 21   | 36 |               |                         |                |                |   |             |
|                | Z              | i(PP)             |      | 23   | 04 |               |                         |                |                |   |             |
|                | E              | iSKS              |      | 28   | 39 |               |                         |                |                |   |             |
|                | E              | iPS               |      | 32   | 36 |               |                         |                |                |   |             |
|                | Z              | i                 |      | 36   | 11 |               |                         |                |                |   |             |
|                | N              | e(SS)             |      | 37   | 54 |               |                         |                |                |   |             |
|                | N              | eSSS              |      | 43.1 |    |               | 36                      |                |                |   |             |
|                | E              | M <sub>1</sub>    |      | 44.0 |    |               | 24                      |                |                |   |             |
|                | E              | M <sub>2</sub>    | 11   | 05.7 |    |               | 20                      |                |                |   |             |
|                | E              | M <sub>3</sub>    |      | 09.5 |    |               | 17                      |                |                |   |             |
| E              | M <sub>4</sub> |                   | 14.0 |      |    |               |                         |                |                |   |             |
| 21. Mai<br>III | Z              | iPKP              | 15   | 35   | 38 |               |                         |                |                |   |             |
|                |                |                   |      |      |    |               |                         |                |                |   |             |
| 22. Mai<br>I   | Z              | iPKP <sub>1</sub> | 01   | 18   | 05 |               |                         |                |                |   |             |
|                | Z              | iPKP <sub>2</sub> |      | 18   | 18 |               |                         |                |                |   |             |
| 22. Mai<br>II  | Z              |                   | 10   | 50   | 28 |               |                         |                |                |   |             |
|                |                |                   |      |      |    |               |                         |                |                |   |             |



| Datum          | Komp. | Phase | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen                                     |
|----------------|-------|-------|-----|------|----|---------------------------|-------------------------|----------------|----------------|----------------|---|
|                |       |       | h   | m    | s  |                           | A <sub>x</sub>          | A <sub>y</sub> | A <sub>z</sub> |                |   |
| 22. Mai<br>III | Z     | 1PKP  | 10  | 51   | 27 | 20                        |                         |                |                | 12900          | Nachstoß<br>Chile                               |
|                | Z     | i(HF) |     | 52   | 57 |                           |                         |                |                |                |   |
|                | E     | eSKS  |     | 58   | 20 |                           |                         |                |                |                |   |
|                | E     | iPS   | 11  | 02   | 27 |                           |                         |                |                |                |   |
|                | N     | eSS   |     | 08   | 00 |                           |                         |                |                |                |   |
| 22. Mai<br>IV  | E     | M     |     | 39.7 |    |                           |                         |                |                |                |   |
|                | Z     | i     | 15  | 42   | 35 |                           |                         |                |                |                |   |
| 22. Mai<br>V   | Z     | 1PKP  | 19  | 14   | 43 | 18                        |                         |                |                | 12900          | 22. 5. V bis<br>23. 5. VI<br>Nachstöße<br>Chile |
|                | Z     | 1PP   |     | 15   | 39 |                           |                         |                |                |                |   |
|                | E     | 1SKS  |     | 21   | 33 |                           |                         |                |                |                |   |
|                | E     | 1PS   |     | 25   | 44 |                           |                         |                |                |                |   |
| 22. Mai<br>VI  | Z     | 1PKP  | 19  | 29   | 40 |                           |                         |                |                |                |   |
| 22. Mai<br>VII | Z     | 1PKP  | 19  | 30   | 10 |                           |                         |                |                |                |   |
| 23. Mai<br>I   | Z     | 1PKP  | 00  | 44   | 41 | 20                        |                         |                |                | 12800          |   |
|                | E     | eSKS  |     | 51   | 22 |                           |                         |                |                |                |   |
|                | E     | M     |     | 33.5 |    |                           |                         |                |                |                |   |
| 23. Mai<br>II  | Z     | ePP   | 03  | 06.7 |    | 20                        |                         |                |                |                |   |
|                | E     | M     |     | 54.5 |    |                           |                         |                |                |                |   |
| 23. Mai<br>III | Z     | 1PKP  | 05  | 32   | 22 | 20                        |                         |                |                | 12800          |   |
|                | Z     | ePP   |     | 33   | 28 |                           |                         |                |                |                |   |
|                | E     | eSKS  |     | 39   | 10 |                           |                         |                |                |                |   |
|                | E     | M     | 06  | 19.0 |    |                           |                         |                |                |                |   |
| 23. Mai<br>IV  | Z     | e     | 07  | 28   | 14 | 20                        |                         |                |                |                |   |
|                | E     | M     |     | 50.0 |    |                           |                         |                |                |                |   |
| 23. Mai<br>V   | E     | eSKS  | 10  | 18   | 07 | 20                        |                         |                |                |                |   |
|                | E     | M     |     | 59.5 |    |                           |                         |                |                |                |   |
| 23. Mai<br>VI  | Z     | 1PP   | 10  | 58   | 18 | 20                        |                         |                |                |                |   |
|                | E     | M     | 11  | 49.0 |    |                           |                         |                |                |                |   |
| 23. Mai<br>VII | N     | 1Pg   | 12  | 47   | 18 | ca. 60                    |                         |                |                |                |   |
|                | N     | 1Sg   |     | 47   | 26 |                           |                         |                |                |                |   |
|                | N     | 1L    |     | 47   | 30 |                           |                         |                |                |                |   |



| Datum           | Komp. | Phase             | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen  |
|-----------------|-------|-------------------|-----|------|----|---------------------------|-------------------------|----------------|----------------|----------------|--|
|                 |       |                   | h   | m    | s  |                           | A <sub>x</sub>          | A <sub>y</sub> | A <sub>z</sub> |                |  |
| 23. Mai<br>VIII | Z     | 1Sg               | 14  | 21   | 23 |                           |                         |                |                |                |  |
| 23. Mai<br>IX   | E     | M                 | 15  | 12   | 08 | 20                        |                         |                |                |                |  |
|                 | Z     | 1PKP <sub>1</sub> | 15  | 06   | 38 |                           |                         |                |                |                |  |
| 24. Mai<br>I    | Z     | 1PKP <sub>2</sub> |     | 07   | 26 | 17                        |                         |                |                | 18000          | Herdgebiet<br>nach USCGS:<br>Neuseeland-<br>Südinsel<br>44 1/2° S,<br>167 1/2° E             |
|                 | Z     | 1PP               |     | 11   | 10 |                           |                         |                |                |                |  |
| 24. Mai<br>II   | E     | 1SKKS             |     | 18   | 12 | 22                        |                         |                |                | 13800          | Herdgebiet<br>nach USCGS:<br>Süd-Chile   |
|                 | E     | e                 |     | 22   | 30 |                           |                         |                |                |                |  |
|                 | E     | ePPS              |     | 24   | 43 |                           |                         |                |                |                |  |
|                 | E     | i                 |     | 31   | 28 |                           |                         |                |                |                |  |
|                 | E     | eL                | 16  | 16.8 |    |                           |                         |                |                |                |  |
|                 | E     | M                 |     | 42.0 |    |                           |                         |                |                |                |  |
|                 | E     | M                 |     | 42.0 |    |                           |                         |                |                |                |  |
| 24. Mai<br>III  | Z     | 1PKP              | 20  | 51   | 47 | 20                        |                         |                |                | 13500          | Herdgebiet<br>nach USCGS:<br>Süd-Chile<br>45° S, 76° W                                       |
|                 | Z     | 1PP               |     | 53   | 27 |                           |                         |                |                |                |  |
| 24. Mai<br>III  | Z     | 1Pg               | 21  | 08   | 13 | 20                        |                         |                |                | 1400           | Herdgebiet<br>nach BCIS:<br>Grenzgebiet<br>Albanien -<br>Griechenland<br>40.6° N,<br>20.6° E |
|                 | Z     | 1Sg               |     | 08   | 23 |                           |                         |                |                |                |  |
|                 | Z     | 1L                |     | 08   | 30 |                           |                         |                |                |                |  |
| 25. Mai<br>I    | Z     | 1PKP              | 08  | 53   | 38 | 9                         |                         |                |                | 1400           | Herdgebiet<br>nach BCIS:<br>Grenzgebiet<br>Albanien -<br>Griechenland<br>40.6° N,<br>20.6° E |
|                 | Z     | 1PP               |     | 55   | 13 |                           |                         |                |                |                |  |
|                 | E     | eSKS              | 09  | 00   | 36 |                           |                         |                |                |                |  |
|                 | E     | ePS               |     | 04   | 51 |                           |                         |                |                |                |  |
| 25. Mai<br>II   | E     | M <sub>1</sub>    | 10  | 43.7 |    | 20                        |                         |                |                | 1400           | Herdgebiet<br>nach BCIS:<br>Grenzgebiet<br>Albanien -<br>Griechenland<br>40.6° N,<br>20.6° E |
|                 | E     | M <sub>2</sub>    |     | 46.8 |    |                           |                         |                |                |                |  |
|                 | Z     | 1PKP <sub>1</sub> | 15  | 18   | 02 |                           |                         |                |                |                |  |
|                 | Z     | 1PKP <sub>2</sub> |     | 18   | 10 |                           |                         |                |                |                |  |
|                 | Z     | eP                | 05  | 13   | 12 |                           |                         |                |                |                |  |
| 26. Mai<br>I    | Z     | 1PP               |     | 13   | 18 | 9                         |                         |                |                | 1400           | Herdgebiet<br>nach BCIS:<br>Grenzgebiet<br>Albanien -<br>Griechenland<br>40.6° N,<br>20.6° E |
|                 | Z     | 1PPP              |     | 13   | 27 |                           |                         |                |                |                |  |
|                 | E     | i                 |     | 15   | 00 |                           |                         |                |                |                |  |
|                 | E     | i                 |     | 15   | 20 |                           |                         |                |                |                |  |
|                 | E     | iS                |     | 15   | 38 |                           |                         |                |                |                |  |
|                 | E     | M <sub>1</sub>    |     | 17.5 |    |                           |                         |                |                |                |  |
|                 | N     | M <sub>2</sub>    |     | 20.2 |    |                           |                         |                |                |                |  |
| 26. Mai<br>II   | Z     | 1P                | 20  | 15   | 44 | 9                         |                         |                |                | 1400           | Herdgebiet<br>nach BCIS:<br>Grenzgebiet<br>Albanien -<br>Griechenland<br>40.6° N,<br>20.6° E |
|                 | Z     | i                 |     | 15   | 58 |                           |                         |                |                |                |  |
|                 | Z     | 1PP               |     | 18   | 01 |                           |                         |                |                |                |  |



| Datum   | Komp.   | Phase | MGZ |      |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km                                | Bemerkungen |  |
|---------|---------|-------|-----|------|------|---------------------------|-------------------------|----------------|----------------|---|-------------|--|
|         |         |       | h   | m    | s    |                           | A <sub>X</sub>          | A <sub>Y</sub> | A <sub>Z</sub> |   |             |  |
| 27. Mai | Z       | 1PKP  | 00  | 44   | 50   |                           |                         |                |                |   |             |  |
| I       | Z       | 1     |     | 45   | 14   |                           |                         |                |                |   |             |  |
|         | Z       | e     |     | 51   | 19   |                           |                         |                |                |   |             |  |
|         | Z       |       |     |      |      |                           |                         |                |                |   |             |  |
| 27. Mai | Z       | 1P    | 01  | 34   | 34   |                           |                         |                |                |   |             |  |
| II      |         |       |     |      |      |                           |                         |                |                |   |             |  |
| 27. Mai | Z       | 1Pg   | 13  | 31   | 26   |                           |                         |                | ca.40          |   |             |  |
| III     | E       | 1Sg   |     | 31   | 31   |                           |                         |                |                |   |             |  |
|         | E       | 1L    |     | 31   | 35   |                           |                         |                |                |   |             |  |
| 28. Mai | Z       | 1Pg   | 22  | 37   | 51   |                           |                         |                | ca.25          |   |             |  |
|         | N       | 1Sg   |     | 37   | 54   |                           |                         |                |                |   |             |  |
|         | N       | 1     |     | 38   | 00   |                           |                         |                |                |   |             |  |
| 29. Mai | Z       | 1PKP  | 07  | 58   | 12   |                           |                         |                | 12900          | Herdgebiet nach USCGS: Chile 38° S, 72 1/2° W |             |  |
| I       | Z       | 1PP   |     | 59   | 19   |                           |                         |                |                |   |             |  |
|         | E       | 1SKS  | 08  | 05   | 02   |                           |                         |                |                |   |             |  |
|         | E       | ePS   |     | 09.1 |      |                           |                         |                |                |   |             |  |
|         | E       | M     |     | 46.0 |      | 20                        |                         |                |                |   |             |  |
| 30. Mai | Z       | 1Pg   | 11  | 46   | 39   |                           |                         |                | ca.35          |   |             |  |
| I       | N       | 1Sg   |     | 46   | 43.5 |                           |                         |                |                |   |             |  |
|         | N       | 1L    |     | 46   | 47   |                           |                         |                |                |   |             |  |
| 30. Mai | Z       | 1Sg   | 21  | 30   | 49   |                           |                         |                |                |   |             |  |
| II      | Z       | M     |     | 31.1 |      |                           |                         |                |                |   |             |  |
|         | Z       |       |     |      |      |                           |                         |                |                |   |             |  |
| 31. Mai | Z       | eP    | 00  | 32   | 46   |                           |                         |                | 5700           | Herdgebiet nach USCGS: Golf von Aden          |             |  |
| I       | Z       | 1PP   |     | 34   | 46   |                           |                         |                |                |   |             |  |
|         | 31. Mai | E     | M   | 03   | 46.5 |                           |                         |                | 18             |   |             |  |
| II      |         |       |     |      |      |                           |                         |                |                |   |             |  |
| 31. Mai | Z       | 1P    | 11  | 13   | 07   |                           |                         |                | 7300           | Herdgebiet nach USCGS: Kleine Antillen        |             |  |
| III     | Z       | 1PP   |     | 15   | 26   |                           |                         |                |                |   |             |  |
|         | E       | 1S    |     | 21   | 53   |                           |                         |                |                |   |             |  |
|         | E       | M     |     | 36.0 |      | 22                        |                         |                |                |   |             |  |
|         | Z       | e     |     | 11   | 41   | 40                        |                         |                |                |   |             |  |
| IV      |         |       |     |      |      |                           |                         |                |                |   |             |  |
| 31. Mai | Z       | e     | 11  | 41   | 40   |                           |                         |                |                |   |             |  |
| Juni    |         |       |     |      |      |                           |                         |                |                |   |             |  |
| 1. Juni | E       | M     | 06  | 11.0 |      | 18                        |                         |                |                |   |             |  |

| Datum   | Komp.   | Phase             | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km   | Bemerkungen                        |  |
|---------|---------|-------------------|-----|------|----|---------------------------|-------------------------|----------------|----------------|--|------------------------------------|--|
|         |         |                   | h   | m    | s  |                           | A <sub>X</sub>          | A <sub>Y</sub> | A <sub>Z</sub> |  |                                    |  |
| 2. Juni | Z       | 1PKP              | 08  | 06   | 12 |                           |                         |                | 13700          | Herdgebiet nach USCGS: Neu-Bri-tannien                             |                                    |  |
| I       | Z       | 1PP               |     | 07   | 35 |                           |                         |                |                |  |                                    |  |
|         | E       | ePS               |     | 17   | 33 |                           |                         |                |                |  |                                    |  |
|         | E       | M                 | 09  | 02.8 |    | 20                        |                         |                |                |  |                                    |  |
|         | Z       | 1(PKP)            | 19  | 17   | 50 |                           |                         |                |                |  |                                    |  |
| 2. Juni | Z       | 1(PKP)            | 19  | 17   | 50 |                           |                         |                |                |  |                                    |  |
| II      |         |                   |     |      |    |                           |                         |                |                |  |                                    |  |
| 3. Juni | Z       | 1PKP              | 13  | 42   | 13 |                           |                         |                | 16100          | h = ca. 600 km Herdgebiet nach USCGS: Fidschi-Inseln               |                                    |  |
| I       | Z       | 1                 |     | 42   | 28 |                           |                         |                |                |  |                                    |  |
|         | Z       | 1pPKP             |     | 44   | 39 |                           |                         |                |                |  |                                    |  |
|         | Z       | 1PP               |     | 45   | 37 |                           |                         |                |                |  |                                    |  |
| 3. Juni | Z       | 1P                | 16  | 29   | 56 |                           |                         |                |                |  |                                    |  |
| II      | Z       | 1pP               |     | 30   | 31 |                           |                         |                |                |  |                                    |  |
|         | Z       |                   |     |      |    |                           |                         |                |                |  |                                    |  |
| 4. Juni | Z       | eP                | 08  | 16   | 06 |                           |                         |                | 3500           | Herdgebiet nach BCIS: Azoren                                       |                                    |  |
| I       | Z       | ePP               |     | 17   | 09 |                           |                         |                |                |  |                                    |  |
|         | 6. Juni | Z                 | 1P  | 01   | 30 | 05                        |                         |                |                | 9000   | Herdgebiet nach USCGS: Kalifornien |  |
| I       | Z       | 1                 |     | 30   | 44 |                           |                         |                |                |  |                                    |  |
|         | N       | eS                |     | 40   | 14 |                           |                         |                |                |  |                                    |  |
|         | E       | M <sub>1</sub>    | 02  | 05.6 |    | 17                        |                         |                |                |  |                                    |  |
|         | E       | M <sub>2</sub>    |     | 11.3 |    | 14                        |                         |                |                |  |                                    |  |
| 6. Juni | Z       | 1PKP              | 06  | 14   | 43 |                           |                         |                | 13500          | Herdgebiet nach USCGS: Küstengebiet von Chile 45 1/2° S, 73 1/2° W |                                    |  |
| II      | Z       | 1                 |     | 15   | 31 |                           |                         |                |                |  |                                    |  |
|         | Z       | 1PP               |     | 16   | 19 |                           |                         |                |                |  |                                    |  |
|         | Z       | 1                 |     | 17   | 04 |                           |                         |                |                |  |                                    |  |
|         | E       | 1PPF              |     | 18   | 49 |                           |                         |                |                |  |                                    |  |
|         | E       | 1SKS <sub>1</sub> |     | 21   | 36 |                           |                         |                |                |  |                                    |  |
|         | E       | 1SKS <sub>2</sub> |     | 21   | 46 |                           |                         |                |                |  |                                    |  |
|         | E       | 1SEKS             |     | 23   | 00 |                           |                         |                |                |  |                                    |  |
|         | E       | e                 |     | 33.6 |    |                           |                         |                |                |  |                                    |  |
|         | E       | M                 | 07  | 03.4 |    | 20                        |                         |                |                |  |                                    |  |
| 7. Juni | Z       | 1P                | 13  | 08   | 41 |                           |                         |                | 8100           | Herdgebiet nach USCGS: Kamtschatka                                 |                                    |  |
| N       | Z       | 1PP               |     | 11   | 26 |                           |                         |                |                |  |                                    |  |
|         | Z       |                   |     |      |    |                           |                         |                |                |  |                                    |  |
| 8. Juni | Z       | 1P                | 16  | 27   | 00 |                           |                         |                | 4200           | Herdgebiet nach USCGS: Atlantik                                    |                                    |  |
| I       | Z       | ePP               |     | 28   | 21 |                           |                         |                |                |  |                                    |  |
|         | E       | eS                |     | 32   | 53 |                           |                         |                |                |  |                                    |  |
|         | E       | M                 |     | 41.7 |    | 15                        |                         |                |                |  |                                    |  |





| Datum    | Komp. | Phase | MGZ |      |    | Periode<br>Ts | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen                                  |
|----------|-------|-------|-----|------|----|---------------|-------------------------|----------------|----------------|----------------|--|
|          |       |       | h   | m    | s  |               | A <sub>x</sub>          | A <sub>y</sub> | A <sub>z</sub> |                |  |
| 9. Juni  | Z     | 1P    | 02  | 49   | 13 | 3             |                         |                |                | 15800          | Herdgebiet nach USCGS: Neue Hebriden         |
| I        | Z     | 1PP   |     | 49   | 35 |               |                         |                |                |                |  |
| 9. Juni  | Z     | e     | 08  | 27   | 49 | 3             |                         |                |                | 15800          | Herdgebiet nach USCGS: Neue Hebriden         |
| II       | E     | eS    |     | 29   | 18 |               |                         |                |                |                |  |
|          | E     | e     |     | 30   | 34 |               |                         |                |                |                |  |
|          | E     | M     |     | 34.0 |    |               |                         |                |                |                |  |
| 9. Juni  | Z     | ePKP  | 11  | 43   | 28 | 3             |                         |                |                | 15800          | Herdgebiet nach USCGS: Neue Hebriden         |
| III      | E     | ePP   |     | 46   | 13 |               |                         |                |                |                |  |
|          | Z     | eSKP  |     | 46   | 38 |               |                         |                |                |                |  |
| 9. Juni  | Z     | 1P    | 17  | 53   | 52 | 3             |                         |                |                | 3300           | Herdgebiet nach BCIS: Azoren                 |
| IV       | Z     | 1(PF) |     | 54   | 35 |               |                         |                |                |                |  |
|          | Z     | 1SS   | 18  | 00   | 28 |               |                         |                |                |                |  |
|          | E     | M     |     | 10.4 |    |               |                         |                |                |                |  |
| 10. Juni | Z     | 1PKP  | 21  | 31   | 43 | 3             |                         |                |                | 10800          | Herdgebiet nach USCGS: Süd-Bolivien          |
| 11. Juni | Z     | 1P    | 00  | 48   | 01 |               |                         |                |                |                |  |
| I        | E     | eSKS  |     | 58   | 17 | 3             |                         |                |                | 10800          | Herdgebiet nach USCGS: Süd-Bolivien          |
| 11. Juni | Z     | 1Pg   | 11  | 19   | 20 |               |                         |                |                |                |  |
| II       | N     | 1Sg   |     | 19   | 23 |               |                         |                |                |                |  |
|          | N     | 1L    |     | 19   | 25 |               |                         |                |                |                |  |
| 11. Juni | Z     | 1PKP  | 15  | 33   | 15 | 3             |                         |                |                | 14000          | Herdgebiet nach USCGS: Entre-casteaux-Inseln |
| III      | Z     | 1PP   |     | 35   | 12 |               |                         |                |                |                |  |
|          | E     | ePS   |     | 45   | 22 |               |                         |                |                |                |  |
|          | E     | e     |     | 52.8 |    |               |                         |                |                |                |  |
|          | E     | e     |     | 57.3 |    |               |                         |                |                |                |  |
|          | E     | M     |     | 23.6 |    |               |                         |                |                |                |  |
| 11. Juni | Z     | 1PKP  | 16  | 56   | 49 | 3             |                         |                |                | 14000          | Herdgebiet nach USCGS: Entre-casteaux-Inseln |
| IV       | Z     | 1PP   |     | 58   | 47 |               |                         |                |                |                |  |
|          | E     | M     | 17  | 55.6 |    |               |                         |                |                |                |  |
| 12. Juni | Z     | 1     | 04  | 15   | 30 | 3             |                         |                |                | 14000          | Herdgebiet nach USCGS: Entre-casteaux-Inseln |
| I        |       |       |     |      |    |               |                         |                |                |                |  |
| 12. Juni | E     | eSEKS | 07  | 28   | 05 | 3             |                         |                |                | 14000          | Herdgebiet nach USCGS: Entre-casteaux-Inseln |
| II       |       |       |     |      |    |               |                         |                |                |                |  |
|          |       |       |     |      |    |               |                         |                |                |                |  |
| 12. Juni | E     | e(S)  | 23  | 16   | 43 | 3             |                         |                |                | 14000          | Herdgebiet nach USCGS: Entre-casteaux-Inseln |
| III      | Z     | e     |     | 18   | 15 |               |                         |                |                |                |  |
|          | E     | M     |     | 20.0 |    |               |                         |                |                |                |  |

| Datum    | Komp. | Phase             | MGZ |      |    | Periode<br>Ts | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen   |
|----------|-------|-------------------|-----|------|----|---------------|-------------------------|----------------|----------------|----------------|---|
|          |       |                   | h   | m    | s  |               | A <sub>x</sub>          | A <sub>y</sub> | A <sub>z</sub> |                |   |
| 15. Juni | Z     | 1Pg               | 10  | 57   | 09 | 3             |                         |                |                | ca.30          |   |
| I        | N     | 1Sg               |     | 57   | 13 |               |                         |                |                |                |   |
|          | N     | 1L                |     | 57   | 16 |               |                         |                |                |                |   |
| 15. Juni | Z     | 1P                | 15  | 48   | 56 | 3             |                         |                |                | 8800           | Herdgebiet nach USCGS: Ostküste von Hondo (Japan)       |
| II       | Z     | 1PP               |     | 51   | 56 |               |                         |                |                |                |   |
|          | E     | eScS              |     | 59   | 15 |               |                         |                |                |                |   |
|          | E     | M                 |     | 24.8 |    |               |                         |                |                |                |   |
| 15. Juni | Z     | 1PKP <sub>1</sub> | 23  | 10   | 17 | 3             |                         |                |                | 8800           | Herdgebiet nach USCGS: Ostküste von Hondo (Japan)       |
| III      | Z     | 1PKP <sub>2</sub> |     | 10   | 43 |               |                         |                |                |                |   |
| 15. Juni | Z     | ePP               | 23  | 46   | 47 | 3             |                         |                |                | 8800           | Herdgebiet nach USCGS: Ostküste von Hondo (Japan)       |
| IV       | Z     | ePPP              |     | 49   | 13 |               |                         |                |                |                |   |
| 15. Juni | Z     | ePKP <sub>1</sub> | 23  | 51   | 37 | 3             |                         |                |                | 17000          | h = ca. 600 km<br>Herdgebiet nach USCGS: Fidschi-Inseln |
| V        | Z     | e                 |     | 51   | 46 |               |                         |                |                |                |   |
|          | Z     | 1PKP <sub>2</sub> |     | 52   | 02 |               |                         |                |                |                |   |
|          | Z     | 1PP               |     | 55   | 28 |               |                         |                |                |                |   |
| 16. Juni | Z     | 1P                | 10  | 31   | 29 | 3             |                         |                |                | 17000          | h = ca. 600 km<br>Herdgebiet nach USCGS: Fidschi-Inseln |
| 17. Juni | Z     | 1PKP              | 05  | 21   | 13 |               |                         |                |                |                |   |
| 17. Juni | Z     | 1P                | 16  | 47   | 30 | 3             |                         |                |                | 8600           | Herdgebiet nach USCGS: Andranow-Inseln                  |
| II       | Z     | 1PcP              |     | 47   | 43 |               |                         |                |                |                |   |
|          | E     | 1S                |     | 57   | 14 |               |                         |                |                |                |   |
| 18. Juni | Z     | 1P                | 02  | 08   | 31 | 3             |                         |                |                | 2200           | Herdgebiet nach BCIS: Kreta                             |
| I        | E     | 1SS               |     | 12   | 36 |               |                         |                |                |                |   |
| 18. Juni | Z     | 1Pg               | 10  | 34   | 11 | 3             |                         |                |                | ca.25          |   |
| II       | Z     | 1Sg               |     | 34   | 14 |               |                         |                |                |                |   |
|          | Z     | 1L                |     | 34   | 18 |               |                         |                |                |                |   |
| 18. Juni | Z     | 1Pg               | 16  | 51   | 12 | 3             |                         |                |                | ca.30          |   |
| III      | Z     | 1Sg               |     | 51   | 16 |               |                         |                |                |                |   |
|          | Z     | 1L                |     | 51   | 22 |               |                         |                |                |                |   |
| 19. Juni | Z     | 1P                | 02  | 34   | 31 | 3             |                         |                |                | 2500           | Herdgebiet nach BCIS: Türkei                            |
| I        | Z     | 1PPP              |     | 35   | 08 |               |                         |                |                |                |   |
|          | E     | eS                |     | 38   | 37 |               |                         |                |                |                |   |



| Datum    | Komp. | Phase             | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km   | Bemerkungen |
|----------|-------|-------------------|-----|------|----|---------------------------|-------------------------|----------------|----------------|--|-------------|
|          |       |                   | h   | m    | s  |                           | A <sub>x</sub>          | A <sub>y</sub> | A <sub>z</sub> |  |             |
| 19. Juni | Z     | iPg               | 03  | 36   | 46 |                           |                         |                | 550            | Herdgebiet nach BCIS: Elsässischer Jura<br>47.5° N,<br>7.3° E        |             |
| II       | Z     | i(Sn)             |     | 37   | 23 |                           |                         |                |                |  |             |
|          | Z     | i                 |     | 37   | 38 |                           |                         |                |                |  |             |
|          | Z     | iSg               |     | 37   | 50 |                           |                         |                |                |  |             |
|          | Z     | M                 |     | 38   | 00 |                           |                         |                |                |  |             |
| 19. Juni | Z     | iPKP              | 12  | 40   | 40 |                           |                         |                | 12900          | Herdgebiet nach USCGS: Küstengebiet von Chile<br>38° S,<br>73 1/2° W |             |
| III      | Z     | ePP               |     | 43   | 31 |                           |                         |                |                |  |             |
| 19. Juni | Z     | i(P)              | 12  | 46   | 32 |                           |                         |                | 13000          | Herdgebiet nach USCGS: Küstengebiet von Chile<br>39 1/2° S,<br>73° W |             |
| IV       | Z     |                   |     |      |    |                           |                         |                |                |  |             |
| 20. Juni | Z     | ePKP              | 02  | 19   | 54 |                           |                         |                |                |  |             |
| I        | Z     | iPP               |     | 21   | 04 |                           |                         |                |                |  |             |
|          | E     | ePKB              |     | 23   | 44 |                           |                         |                |                |  |             |
|          | E     | eSKS <sub>1</sub> |     | 26   | 42 |                           |                         |                |                |  |             |
|          | E     | ePS               |     | 30   | 47 |                           |                         |                |                |  |             |
|          | E     | eL                |     | 57.0 |    |                           |                         |                |                |  |             |
|          | E     | M                 | 03  | 08.3 |    | 20                        |                         |                |                |  |             |
| 20. Juni | Z     | iP                | 13  | 16   | 28 |                           |                         |                |                |  | 25          |
| II       | Z     | ePKP              |     | 18   | 29 |                           |                         |                |                |  |             |
|          | Z     | iPP               |     | 19   | 37 |                           |                         |                |                |  |             |
|          | Z     | eSKP              |     | 22   | 04 |                           |                         |                |                |  |             |
|          | E     | iSKS <sub>1</sub> |     | 25   | 19 |                           |                         |                |                |  |             |
|          | E     | iSKS <sub>2</sub> |     | 25   | 31 |                           |                         |                |                |  |             |
|          | E     | ePS               |     | 29   | 25 |                           |                         |                |                |  |             |
|          | E     | ePSS              |     | 36.0 |    |                           |                         |                |                |  |             |
|          | E     | eL                |     | 56.2 |    |                           |                         |                |                |  |             |
|          | E     | M <sub>1</sub>    | 14  | 03.0 |    | 19                        |                         |                |                |  |             |
|          | E     | M <sub>2</sub>    |     | 08.8 |    |                           |                         |                |                |  |             |
| 21. Juni | Z     | iPg               | 12  | 22   | 05 |                           |                         |                | ca.40          |  |             |
|          | N     | iSg               |     | 22   | 10 |                           |                         |                |                |  |             |
|          | N     | iL                |     | 22   | 14 |                           |                         |                |                |  |             |
| 22. Juni | Z     | iPg               | 12  | 30   | 30 |                           |                         |                | ca.30          |  |             |
| I        | E     | iSg               |     | 30   | 34 |                           |                         |                |                |  |             |
|          | E     | iL                |     | 30   | 37 |                           |                         |                |                |  |             |
| 22. Juni | Z     | iP                | 16  | 21   | 28 |                           |                         |                | 6000           | Herdgebiet nach USCGS: Arabisches Meer                               |             |
| II       | Z     | iPcP              |     | 22   | 34 |                           |                         |                |                |  |             |
| 24. Juni | Z     | iPKP              | 15  | 47   | 51 |                           |                         |                |                |  |             |



| Datum    | Komp. | Phase             | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km                                      | Bemerkungen |
|----------|-------|-------------------|-----|------|----|---------------------------|-------------------------|----------------|----------------|---|-------------|
|          |       |                   | h   | m    | s  |                           | A <sub>x</sub>          | A <sub>y</sub> | A <sub>z</sub> |   |             |
| 25. Juni | Z     | iPKP              | 02  | 22   | 36 |                           |                         |                | 450            | Herdgebiet nach BCIS: Belgien<br>51.5° N,<br>5.7° E |             |
| I        | Z     | iPKP              |     | 23   | 08 |                           |                         |                |                |   |             |
|          | Z     | iPP               |     | 26   | 44 |                           |                         |                |                |   |             |
| 25. Juni | Z     | i                 | 14  | 05   | 59 |                           |                         |                | ca.20          |   |             |
| IV       | Z     |                   |     |      |    |                           |                         |                |                |   |             |
| 25. Juni | Z     | iPn               | 14  | 30   | 23 |                           |                         |                |                |   |             |
| III      | Z     | i                 |     | 30   | 30 |                           |                         |                |                |   |             |
|          | Z     | iPg               |     | 30   | 40 |                           |                         |                |                |   |             |
|          | N     | iSn               |     | 31   | 14 |                           |                         |                |                |   |             |
|          | N     | iSg               |     | 31   | 29 |                           |                         |                |                |   |             |
| 25. Juni | Z     | i                 | 15  | 01   | 10 |                           |                         |                | ca.20          |   |             |
| IV       | Z     | i                 |     | 02   | 19 |                           |                         |                |                |   |             |
|          | E     | e                 |     | 06   | 07 |                           |                         |                |                |   |             |
| 25. Juni | Z     | iPg               | 21  | 47   | 27 |                           |                         |                | ca.20          |   |             |
| V        | Z     | iSg               |     | 47   | 30 |                           |                         |                |                |   |             |
|          | Z     | iL                |     | 47   | 35 |                           |                         |                |                |   |             |
| 25. Juni | Z     | i                 | 23  | 44   | 35 |                           |                         |                | ca.20          |   |             |
| VI       | Z     | i                 |     | 45   | 21 |                           |                         |                |                |   |             |
| 26. Juni | Z     | iPg               | 06  | 34   | 14 |                           |                         |                | ca.30          |   |             |
|          | E     | iSg               |     | 34   | 17 |                           |                         |                |                |   |             |
|          | E     | iL                |     | 34   | 20 |                           |                         |                |                |   |             |
| 27. Juni | Z     | iPg               | 13  | 00   | 42 |                           |                         |                | 19             |   |             |
| I        | E     | iSg               |     | 00   | 46 |                           |                         |                |                |   |             |
|          | E     | iL                |     | 00   | 51 |                           |                         |                |                |   |             |
| 27. Juni | Z     | i                 | 17  | 11   | 05 |                           |                         |                | ca.20          |   |             |
| II       | Z     |                   |     |      |    |                           |                         |                |                |   |             |
| 29. Juni | Z     | iPg               | 01  | 18   | 13 |                           |                         |                | 17400          | Herdgebiet nach USCGS: Kermadec-Inseln              |             |
| I        | Z     | iSg               |     | 18   | 16 |                           |                         |                |                |   |             |
|          | E     | iL                |     | 18   | 19 |                           |                         |                |                |   |             |
| 29. Juni | E     | M                 | 03  | 08.5 |    | 19                        |                         |                |                |   |             |
| II       | Z     |                   |     |      |    |                           |                         |                |                |   |             |
| 29. Juni | Z     | ePKP <sub>1</sub> | 04  | 49   | 11 |                           |                         |                | 17400          | Herdgebiet nach USCGS: Kermadec-Inseln              |             |
| III      | Z     | iPKP <sub>2</sub> |     | 49   | 44 |                           |                         |                |                |   |             |
|          | Z     | ePP               |     | 53   | 19 |                           |                         |                |                |   |             |



| Datum       | Komp. | Phase | MGZ |      |    | Periode<br>Ts | Amplitude $\mu\text{m}$ |    |       | $\Delta$<br>km                                  | Bemerkungen |
|-------------|-------|-------|-----|------|----|---------------|-------------------------|----|-------|---|-------------|
|             |       |       | h   | m    | s  |               | Ag                      | Ag | Ag    |   |             |
| 29. Juni    | Z     | 1P    | 10  | 28   | 34 |               |                         |    | 2800  | Herdgebiet nach USCGS: Atlantik                 |             |
| IV          | Z     | i     |     | 28   | 40 |               |                         |    |       |   |             |
|             | Z     | iPP   |     | 29   | 08 |               |                         |    |       |   |             |
|             | E     | e     |     | 31   | 26 |               |                         |    |       |   |             |
|             | E     | i     |     | 33   | 16 |               |                         |    |       |   |             |
| 29. Juni    | Z     | 1P    | 17  | 18   | 49 |               |                         |    |       |   |             |
| 30. Juni    | Z     | 1P    | 20  | 09   | 31 |               |                         |    | 7600  | Herdgebiet nach USCGS: Alaska                   |             |
|             | Z     | 1PcP  |     | 09   | 53 |               |                         |    |       |   |             |
| <u>Juli</u> |       |       |     |      |    |               |                         |    |       |   |             |
| 1. Juli     | Z     | 1P    | 08  | 10   | 23 |               |                         |    |       |   |             |
|             | E     | ePP   |     | 12   | 58 |               |                         |    |       |   |             |
| 2. Juli     | Z     | eP    | 04  | 41   | 25 |               |                         |    |       |   |             |
| 3. Juli     | Z     | 1P    | 03  | 31   | 14 |               |                         |    |       |   |             |
|             | I     |       |     |      |    |               |                         |    |       |   |             |
| 3. Juli     | Z     | 1P    | 20  | 32   | 49 |               |                         |    | 8700  | Herdgebiet nach USCGS: Aleuten                  |             |
| II          | Z     | e     |     | 35.5 |    |               |                         |    |       |   |             |
|             | E     | eS    |     | 42   | 41 |               |                         |    |       |   |             |
|             | E     | M     | 21  | 13.0 |    | 16            |                         |    |       |   |             |
| 3. Juli     | Z     | 1P    | 23  | 04   | 28 |               |                         |    |       | Nachstoß  |             |
| III         | E     | eS    |     | 14.1 |    |               |                         |    |       |   |             |
| 4. Juli     | Z     | 1P    | 04  | 40   | 05 |               |                         |    | 8100  | Herdgebiet nach USCGS: Königin-Charlotte-Inseln |             |
| I           | Z     | iPP   |     | 42   | 51 |               |                         |    |       |   |             |
|             | E     | iS    |     | 49   | 33 |               |                         |    |       |   |             |
|             | E     | M     | 05  | 15.4 |    | 16            |                         |    |       |   |             |
| 4. Juli     | Z     | eP    | 13  | 21   | 38 |               |                         |    |       | Nachstoß  |             |
| II          | E     | eS    |     | 31   | 15 |               |                         |    |       |   |             |
|             | E     | M     |     | 56.8 |    | 15            |                         |    |       |   |             |
| 5. Juli     | Z     | 1Pg   | 12  | 31   | 12 |               |                         |    | ca.30 |   |             |
|             | N     | iSg   |     | 31   | 16 |               |                         |    |       |   |             |
|             | N     | 1L    |     | 31   | 20 |               |                         |    |       |   |             |
| 6. Juli     | Z     | 1P    | 05  | 24   | 33 |               |                         |    |       |   |             |
|             | Z     | i(PP) |     | 26   | 30 |               |                         |    |       |   |             |
|             | E     | e     |     | 34   | 04 |               |                         |    |       |   |             |



| Datum    | Komp. | Phase | MGZ |      |    | Periode<br>Ts | Amplitude $\mu\text{m}$ |    |      | $\Delta$<br>km   | Bemerkungen |
|----------|-------|-------|-----|------|----|---------------|-------------------------|----|------|--|-------------|
|          |       |       | h   | m    | s  |               | Ag                      | Ag | Ag   |  |             |
| 8. Juli  | Z     | 1P    | 13  | 03   | 41 |               |                         |    | 9200 | h = ca. 100 km<br>Herdgebiet nach USCGS: Süd-Japan             |             |
|          | Z     | ipP   |     | 04   | 09 |               |                         |    |      |  |             |
|          | Z     | iPP   |     | 06   | 53 |               |                         |    |      |  |             |
| 9. Juli  | Z     | i     | 00  | 56   | 06 |               |                         |    |      |  |             |
| I        |       |       |     |      |    |               |                         |    |      |  |             |
| 9. Juli  | E     | eS    | 22  | 48.2 |    |               |                         |    |      | 9700<br>Herdgebiet nach USCGS: Westküste von Sumatra           |             |
| II       | E     | eSSS  |     | 49.0 |    |               |                         |    |      |  |             |
|          | E     | i     |     | 50   | 09 |               |                         |    |      |  |             |
|          | E     | M     |     | 51.1 |    | 6             |                         |    |      |  |             |
| 10. Juli | Z     | 1P    | 00  | 18   | 10 |               |                         |    |      | 17   |             |
|          | Z     | i     |     | 18   | 21 |               |                         |    |      |  |             |
|          | N     | eSKS  |     | 28   | 43 |               |                         |    |      |  |             |
|          | E     | iS    |     | 28   | 48 |               |                         |    |      |  |             |
|          | E     | M     | 01  | 50.5 |    |               |                         |    |      |  |             |
| 11. Juli | Z     | 1PKP  | 12  | 14   | 49 |               |                         |    |      | 650<br>Herdgebiet nach BCIS: Französische Alpen                |             |
|          | Z     | ePKS  |     | 18   | 07 |               |                         |    |      |  |             |
| 12. Juli | Z     | 1Pg   | 00  | 48   | 57 |               |                         |    |      | 910<br>Herdgebiet nach BCIS: Italien<br>43° N, 13° E           |             |
| I        | N     | eSg   |     | 50   | 05 |               |                         |    |      |  |             |
|          | N     | i     |     | 50   | 34 |               |                         |    |      |  |             |
| 12. Juli | Z     | i     | 14  | 09   | 51 |               |                         |    |      | 1500<br>Vorbeben zum folgenden Beben                           |             |
| II       | N     | iSn   |     | 11   | 04 |               |                         |    |      |  |             |
|          | N     | i     |     | 11   | 44 |               |                         |    |      |  |             |
|          | N     | iSg   |     | 11   | 58 |               |                         |    |      |  |             |
|          | E     | M     |     | 12.8 |    |               |                         |    |      |  |             |
| 13. Juli | Z     | i     | 02  | 42   | 12 |               |                         |    |      | 1500<br>Herdgebiet nach BCIS: Griechenland<br>40.6° N, 23.4° E |             |
| I        |       |       |     |      |    |               |                         |    |      |  |             |
| 13. Juli | Z     | 1PP   | 10  | 24   | 01 |               |                         |    |      |  |             |
| II       | E     | eS    |     | 26   | 27 |               |                         |    |      |  |             |
|          | E     | M     |     | 29.2 |    |               |                         |    |      |  |             |
| 13. Juli | Z     | eP    | 13  | 04   | 16 |               |                         |    |      | 5  |             |
| III      | Z     | ePP   |     | 04   | 26 |               |                         |    |      |  |             |
|          | N     | iS    |     | 06   | 53 |               |                         |    |      |  |             |
|          | E     | iSS   |     | 07   | 19 |               |                         |    |      |  |             |
|          | E     | i     |     | 09   | 43 |               |                         |    |      |  |             |
|          | Z     | M     |     | 10.3 |    |               |                         |    |      |  |             |



| Datum    | Komp. | Phase  | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|----------|-------|--------|-----|------|----|---------------------------|-------------------------|----------------|----------------|---|-------------|
|          |       |        | h   | m    | s  |                           | A <sub>g</sub>          | A <sub>n</sub> | A <sub>s</sub> |   |             |
| 14. Juli | Z     | 1Pn    | 04  | 19   | 04 |                           |                         |                | 560            | Herdegebiet<br>nach BCIS:<br>Italien<br>46.6° N,<br>12.8° E   |             |
| I        | Z     | 1Pg    |     | 19   | 23 |                           |                         |                |                |   |             |
|          | E     | i      |     | 20   | 15 |                           |                         |                |                |   |             |
|          | E     | 1Sg    |     | 20   | 29 |                           |                         |                |                |   |             |
|          | Z     | 1L     |     | 20   | 32 |                           |                         |                |                |   |             |
|          | Z     | M      |     | 20.8 |    |                           |                         |                |                |   |             |
| 14. Juli | Z     | 1P     | 10  | 40   | 56 |                           |                         |                | (11300)        | h = ca.<br>100 km<br>Herdegebiet<br>nach BCIS:<br>Molukken    |             |
| II       | Z     | 1pP    |     | 41   | 26 |                           |                         |                |                |   |             |
|          | Z     | e(FP)  |     | 44   | 44 |                           |                         |                |                |   |             |
|          | Z     | 1pPP   |     | 45   | 10 |                           |                         |                |                |   |             |
|          | E     | e(SKS) |     | 51   | 57 |                           |                         |                |                |   |             |
| 14. Juli | Z     | 1Pg    | 12  | 29   | 38 |                           |                         |                | ca.30          |   |             |
| III      | Z     | 1Sg    |     | 29   | 42 |                           |                         |                |                |   |             |
|          | E     | 1L     |     | 29   | 47 |                           |                         |                |                |   |             |
| 14. Juli | Z     | 1P     | 22  | 19   | 05 |                           |                         |                | 4900           | h = ca.<br>100 km<br>Herdegebiet<br>nach USCGS:<br>Hindukusch |             |
| IV       | Z     | 1pP    |     | 19   | 35 |                           |                         |                |                |   |             |
|          | Z     | eFP    |     | 20   | 52 |                           |                         |                |                |   |             |
| 15. Juli | Z     | 1P     | 05  | 13   | 16 |                           |                         |                |                |   |             |
| 16. Juli | Z     | 1P     | 21  | 30   | 09 |                           |                         |                |                |   |             |
| I        | Z     | i      |     | 30   | 36 |                           |                         |                |                |   |             |
| 16. Juli | Z     | 1P     | 22  | 13   | 26 |                           |                         |                |                |   |             |
| II       |       |        |     |      |    |                           |                         |                |                |   |             |
| 17. Juli | Z     | 1P     | 05  | 22   | 41 |                           |                         |                |                |   |             |
|          | Z     | 1pP    |     | 23   | 19 |                           |                         |                |                |   |             |
| 18. Juli | Z     | e      | 01  | 06   | 12 |                           |                         |                |                |   |             |
| I        |       |        |     |      |    |                           |                         |                |                |   |             |
| 18. Juli | Z     | 1PKP   | 02  | 02   | 09 |                           |                         |                |                |   |             |
| II       | Z     | i      |     | 02   | 36 |                           |                         |                |                |   |             |
|          | Z     | 1PP    |     | 04   | 02 |                           |                         |                |                |   |             |
| 18. Juli | Z     | 1Sn    | 04  | 10   | 57 |                           |                         |                |                |   |             |
| III      | E     | M      |     | 12.6 |    |                           |                         |                |                |   |             |
| 18. Juli | Z     | 1PKP   | 08  | 06   | 34 |                           |                         |                |                |   |             |
| IV       | Z     | i      |     | 06   | 47 |                           |                         |                |                |   |             |

| Datum    | Komp. | Phase          | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|----------|-------|----------------|-----|------|----|---------------------------|-------------------------|----------------|----------------|---|-------------|
|          |       |                | h   | m    | s  |                           | A <sub>g</sub>          | A <sub>n</sub> | A <sub>s</sub> |   |             |
| 18. Juli | Z     | 1P             | 19  | 01   | 34 |                           |                         |                |                |   |             |
| V        | Z     | 1PoP           |     | 02   | 07 |                           |                         |                |                |   |             |
| 20. Juli | Z     | 1P             | 09  | 42   | 27 |                           |                         |                | 8500           | Herdegebiet<br>nach USCGS:<br>Kurilen                               |             |
| I        | Z     | 1PoP           |     | 42   | 43 |                           |                         |                |                |   |             |
|          | N     | eS             |     | 52   | 10 |                           |                         |                |                |   |             |
|          | N     | M              | 10  | 21.5 |    | 20                        |                         |                |                |   |             |
| 20. Juli | Z     | 1PKP           | 21  | 18   | 44 |                           |                         |                | 16000          | h = ca.<br>200 km<br>Herdegebiet<br>nach USCGS:<br>Neue<br>Hebriden |             |
| II       | Z     | 1pPKP          |     | 19   | 35 |                           |                         |                |                |   |             |
|          | N     | 1PP            |     | 22   | 05 |                           |                         |                |                |   |             |
|          | E     | M              | 22  | 48.5 |    | 18                        |                         |                |                |   |             |
|          |       |                |     |      |    |                           |                         |                |                |   |             |
| 20. Juli | Z     | 1(Pn)          | 23  | 12   | 10 |                           |                         |                |                | Herdegebiet<br>nach BCIS:<br>Mittel-<br>Italien                     |             |
| III      | Z     | i              |     | 12   | 28 |                           |                         |                |                |   |             |
|          | Z     | 1(Sn)          |     | 13   | 55 |                           |                         |                |                |   |             |
|          | Z     | e              |     | 14   | 31 |                           |                         |                |                |   |             |
|          | N     | 1(Sg)          |     | 15   | 01 |                           |                         |                |                |   |             |
| 21. Juli | Z     | 1Sn            | 18  | 58   | 03 |                           |                         |                | 700            | Herdegebiet<br>nach BCIS:<br>Jugoslawien                            |             |
|          | Z     | i              |     | 58   | 20 |                           |                         |                |                |   |             |
|          | Z     | 1Sg            |     | 58   | 47 |                           |                         |                |                |   |             |
| 23. Juli | Z     | 1PKP           | 07  | 50   | 22 |                           |                         |                |                | Herdegebiet<br>nach USCGS:<br>Kantschatka                           |             |
| 24. Juli | Z     | 1P             | 10  | 00   | 12 |                           |                         |                |                |   |             |
|          | Z     | 1PoP           |     | 00   | 51 |                           |                         |                |                |   |             |
|          | N     | ePP            |     | 03   | 00 |                           |                         |                |                |   |             |
|          | N     | M              |     | 33.0 |    | 14                        |                         |                |                |   |             |
| 25. Juli | Z     | 1P             | 03  | 52   | 22 |                           |                         |                | 8000           | Herdegebiet<br>nach USCGS:<br>Kantschatka<br>55° N,<br>163° E       |             |
| I        | Z     | 1PP            |     | 55   | 00 |                           |                         |                |                |   |             |
|          | N     | eS             | 04  | 01   | 39 |                           |                         |                |                |   |             |
|          | N     | ePS            |     | 02   | 03 |                           |                         |                |                |   |             |
|          | N     | M <sub>1</sub> |     | 25.1 |    | 16                        |                         |                |                |   |             |
|          | N     | M <sub>2</sub> |     | 31.2 |    | 14                        |                         |                |                |   |             |
| 25. Juli | Z     | 1P             | 11  | 23   | 14 |                           |                         |                | 8000           | h = ca.<br>100 km<br>Herdegebiet<br>nach USCGS:<br>Kantschatka      |             |
| II       | Z     | 1PPP           |     | 27   | 43 |                           |                         |                |                |   |             |
|          | E     | 1S             |     | 32   | 25 |                           |                         |                |                |   |             |
|          | E     | 1aS            |     | 33   | 06 |                           |                         |                |                |   |             |
|          | E     | 1PPS           |     | 33   | 27 |                           |                         |                |                |   |             |
|          |       |                |     |      |    |                           |                         |                |                |   |             |



| Datum    | Komp. | Phase          | MGZ |      |    | Periode<br>Ts | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|----------|-------|----------------|-----|------|----|---------------|-------------------------|----------------|----------------|---|-------------|
|          |       |                | b   | m    | s  |               | A <sub>H</sub>          | A <sub>M</sub> | A <sub>S</sub> |   |             |
| 25. Juli | Z     | 1P             | 21  | 19   | 03 |               |                         |                | 4200           | Herdegebiet nach USCGS: Iran                            |             |
| III      | Z     | ePP            |     | 20   | 27 |               |                         |                |                |   |             |
|          | N     | eS             |     | 24   | 55 |               |                         |                |                |   |             |
| 26. Juli | Z     | 1P             | 12  | 40   | 59 |               |                         |                | 2300           | Herdegebiet nach BCIS: Türkei                           |             |
| I        | Z     | 1PP            |     | 41   | 18 |               |                         |                |                |   |             |
|          | N     | 1SS            |     | 44   | 58 |               |                         |                |                |   |             |
| 26. Juli | E     | 1Pg            | 13  | 37   | 15 |               |                         |                | ca.30          |   |             |
| II       | E     | 1Sg            |     | 37   | 19 |               |                         |                |                |   |             |
|          | E     | 1L             |     | 37   | 25 |               |                         |                |                |   |             |
| 27. Juli | Z     | 1              | 10  | 24   | 25 |               |                         |                |                | 16  |             |
|          | N     | ePS            |     | 35   | 31 |               |                         |                |                |   |             |
|          | N     | M              | 11  | 49.5 |    |               |                         |                |                |   |             |
| 28. Juli | Z     | 1              | 01  | 38   | 38 |               |                         |                |                | 16  |             |
| I        |       |                |     |      |    |               |                         |                |                |   |             |
|          |       |                |     |      |    |               |                         |                |                |   |             |
| 28. Juli | Z     | 1Pg            | 14  | 59   | 29 |               |                         |                | ca.30          |   |             |
| II       | Z     | 1Sg            |     | 59   | 33 |               |                         |                |                |   |             |
|          | E     | 1L             |     | 59   | 36 |               |                         |                |                |   |             |
| 29. Juli | Z     | 1PKP           | 00  | 43   | 43 |               |                         |                |                |   |             |
| I        | Z     | e              |     | 48   | 25 |               |                         |                |                |   |             |
|          | N     | 1(SKS)         |     | 54   | 20 |               |                         |                |                |   |             |
| 29. Juli | Z     | 1P             | 10  | 53   | 06 |               |                         |                |                |   |             |
| II       | Z     | 1PoP           |     | 53   | 47 |               |                         |                |                |   |             |
|          | Z     | 1PP            |     | 55   | 10 |               |                         |                |                |   |             |
| 29. Juli | Z     | 1P             | 14  | 41   | 57 |               |                         |                | 5000           | Herdegebiet nach USCGS: Afghanistan                     |             |
| III      | Z     | 1PP            |     | 43   | 47 |               |                         |                |                |   |             |
|          | N     | eS             |     | 48   | 32 |               |                         |                |                |   |             |
|          | N     | M              | 15  | 04.2 |    | 15            |                         |                |                |   |             |
| 29. Juli | Z     | 1P             | 17  | 43   | 41 |               |                         |                | 8800           | Herdegebiet nach USCGS: Hondo (Japan) 40° N, 142 1/2° E |             |
| IV       | N     | 1S             |     | 53   | 33 |               |                         |                |                |   |             |
|          | N     | 1              |     | 54   | 00 |               |                         |                |                |   |             |
|          | E     | M <sub>1</sub> | 18  | 16.9 |    | 18            |                         |                |                |   |             |
|          | N     | M <sub>2</sub> |     | 20.9 |    | 19            |                         |                |                |   |             |
| 31. Juli | Z     | 1PKP           | 03  | 14   | 41 |               |                         |                | 13700          | Herdegebiet nach USCGS: Neu-Britannien 6° S, 150° E     |             |
| I        | E     | 1PP            |     | 16   | 33 |               |                         |                |                |   |             |
|          | E     | ePPP           |     | 19   | 00 |               |                         |                |                |   |             |
|          | E     | 1SKS           |     | 21   | 55 |               |                         |                |                |   |             |



| Datum         | Komp. | Phase | MGZ |      |    | Periode<br>Ts | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km   | Bemerkungen |
|---------------|-------|-------|-----|------|----|---------------|-------------------------|----------------|----------------|--|-------------|
|               |       |       | h   | m    | s  |               | A <sub>H</sub>          | A <sub>M</sub> | A <sub>S</sub> |  |             |
| noch          |       |       |     |      |    |               |                         |                |                |  |             |
| 31. Juli      | E     | 1PS   |     | 26   | 16 | 20            |                         |                |                |  |             |
| I             | E     | M     | 04  | 09.5 |    | 20            |                         |                |                |  |             |
| 31. Juli      | E     | M     | 08  | 19.5 |    | 20            |                         |                |                |  |             |
| 31. Juli      | N     | 1Pg   | 13  | 04   | 02 |               |                         |                | ca.40          |  |             |
| III           | N     | 1Sg   |     | 04   | 07 |               |                         |                |                |  |             |
|               | N     | 1L    |     | 04   | 10 |               |                         |                |                |  |             |
| 31. Juli      | Z     | 1     | 22  | 34   | 27 |               |                         |                |                |  |             |
| IV            |       |       |     |      |    |               |                         |                |                |  |             |
| <u>August</u> |       |       |     |      |    |               |                         |                |                |  |             |
| 1. Aug.       | Z     | 1P    | 02  | 28   | 15 |               |                         |                | 4400           | h = ca. 70 km<br>Herdegebiet nach USCGS: Iran            |             |
|               | Z     | 1(pP) |     | 28   | 42 |               |                         |                |                |  |             |
|               | E     | 1     |     | 30   | 23 |               |                         |                |                |  |             |
|               | E     | 1PPP  |     | 30   | 37 |               |                         |                |                |  |             |
|               | E     | eS    |     | 34   | 15 |               |                         |                |                |  |             |
|               | E     | e(sS) |     | 35   | 07 |               |                         |                |                |  |             |
|               | E     | 1     |     | 39   | 29 |               |                         |                |                |  |             |
|               | E     | 1L    |     | 44.0 |    |               |                         |                |                |  |             |
| 2. Aug.       | Z     | 1PKP  | 05  | 26   | 55 |               |                         |                | 16400          | h = ca. 100 km<br>Herdegebiet nach USCGS: Loyalty-Inseln |             |
| I             | E     | 1pPKP |     | 27   | 14 |               |                         |                |                |  |             |
|               | Z     | ePP   |     | 30   | 24 |               |                         |                |                |  |             |
| 2. Aug.       | Z     | 1P    | 20  | 57   | 46 |               |                         |                | 3600           | Herdegebiet nach USCGS: Nordpol-Gebiet                   |             |
| II            | Z     | 1     |     | 57   | 52 |               |                         |                |                |  |             |
|               | Z     | 1PP   |     | 58   | 54 |               |                         |                |                |  |             |
|               | Z     | ePPP  |     | 59   | 16 |               |                         |                |                |  |             |
| 4. Aug.       | N     | eP    | 07  | 46   | 42 |               |                         |                | 8600           | Herdegebiet nach USCGS: Aleuten                          |             |
| I             | N     | eS    |     | 56   | 25 |               |                         |                |                |  |             |
|               | E     | eScS  |     | 56   | 57 |               |                         |                |                |  |             |
|               | E     | e     | 08  | 06   | 54 |               |                         |                |                |  |             |
|               | E     | eL    |     | 10.7 |    |               |                         |                |                |  |             |
|               | E     | M     |     | 23.7 |    | 17            |                         |                | ca.25          |  |             |
| 4. Aug.       | Z     | 1Pg   | 10  | 45   | 38 |               |                         |                |                |  |             |
| II            | Z     | 1Sg   |     | 45   | 41 |               |                         |                |                |  |             |
|               | Z     | 1L    |     | 45   | 46 |               |                         |                |                |  |             |



| Datum    | Komp. | Phase | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen |
|----------|-------|-------|-----|------|----|---------------------------|-------------------------|----------------|----------------|----------------|-------------|
|          |       |       | h   | m    | s  |                           | A <sub>H</sub>          | A <sub>V</sub> | A <sub>S</sub> |                |             |
| 5. Aug.  | E     | e     | 18  | 39   | 35 |                           |                         |                |                |                |             |
| I        | E     | i     |     | 39   | 43 |                           |                         |                |                |                |             |
| 5. Aug.  | Z     | iPg   | 22  | 23   | 02 |                           |                         |                | ca.25          |                |             |
| II       | Z     | iSg   |     | 23   | 05 |                           |                         |                |                |                |             |
|          | Z     | iL    |     | 23   | 07 |                           |                         |                |                |                |             |
|          | Z     | M     |     | 23   | 10 |                           |                         |                |                |                |             |
| 8. Aug.  | Z     | i(Sn) | 05  | 48   | 03 |                           |                         |                |                |                |             |
| I        | Z     | i     |     | 48   | 16 |                           |                         |                |                |                |             |
|          | Z     | i     |     | 48   | 22 |                           |                         |                |                |                |             |
|          | Z     | i(Sg) |     | 48   | 40 |                           |                         |                |                |                |             |
|          | E     | M     |     | 48   | 57 |                           |                         |                |                |                |             |
| 8. Aug.  | Z     | iP    | 20  | 40   | 47 |                           |                         |                |                |                |             |
| II       | Z     | e     |     | 41   | 20 |                           |                         |                |                |                |             |
|          | E     | i     |     | 42   | 12 |                           |                         |                |                |                |             |
|          | E     | iL    |     | 47   | 37 |                           |                         |                |                |                |             |
|          | E     | M     |     | 48   | 13 | 5                         |                         |                |                |                |             |
| 9. Aug.  | Z     | iP    | 07  | 51   | 46 |                           |                         |                | 9200           |                |             |
| I        | N     | e     | 08  | 01   | 36 |                           |                         |                |                |                |             |
|          | N     | eSKS  |     | 02   | 06 |                           |                         |                |                |                |             |
|          | N     | ePS   |     | 02   | 47 |                           |                         |                |                |                |             |
|          | N     | e     |     | 06   | 50 |                           |                         |                |                |                |             |
|          | E     | e     |     | 13.2 |    |                           |                         |                |                |                |             |
|          | E     | eL    |     | 21.5 |    |                           |                         |                |                |                |             |
|          | E     | M     |     | 28.0 |    | 20                        |                         |                |                |                |             |
| 9. Aug.  | N     | iPKP  | 17  | 06   | 18 |                           |                         |                | 17000          |                |             |
| II       | N     | i     |     | 06   | 46 |                           |                         |                |                |                |             |
|          | N     | iSKP  |     | 09   | 23 |                           |                         |                |                |                |             |
|          | N     | eSKKS |     | 17.0 |    |                           |                         |                |                |                |             |
|          | E     | M     |     | 22.8 |    | 19                        |                         |                |                |                |             |
| 10. Aug. | N     | i     | 12  | 13   | 47 |                           |                         |                |                |                |             |
| I        | N     | i     |     | 13   | 49 |                           |                         |                |                |                |             |
|          | N     | i     |     | 13   | 53 |                           |                         |                |                |                |             |
| 10. Aug. | E     | i     | 13  | 06   | 28 |                           |                         |                | 1000           |                |             |
| II       | Z     | iSn   |     | 06   | 39 |                           |                         |                |                |                |             |
|          | E     | i     |     | 07   | 27 |                           |                         |                |                |                |             |
|          | E     | iSg   |     | 07   | 38 |                           |                         |                |                |                |             |
|          | E     | i     |     | 08   | 27 |                           |                         |                |                |                |             |
|          | E     | i     |     | 09   | 08 |                           |                         |                |                |                |             |



| Datum    | Komp. | Phase | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen |
|----------|-------|-------|-----|----|----|---------------------------|-------------------------|----------------|----------------|----------------|-------------|
|          |       |       | h   | m  | s  |                           | A <sub>H</sub>          | A <sub>V</sub> | A <sub>S</sub> |                |             |
| 10. Aug. | Z     | i     | 21  | 35 | 39 |                           |                         |                |                |                |             |
| III      | Z     | i     |     | 35 | 43 |                           |                         |                |                |                |             |
|          | Z     | M     |     | 35 | 48 |                           |                         |                |                |                |             |
| 11. Aug. | Z     | i     | 10  | 58 | 27 |                           |                         |                |                |                |             |
| I        | E     | i     |     | 58 | 30 |                           |                         |                |                |                |             |
| 11. Aug. | Z     | iPg   | 12  | 56 | 08 |                           |                         |                | ca.40          |                |             |
| II       | Z     | iSg   |     | 56 | 13 |                           |                         |                |                |                |             |
|          | E     | iL    |     | 56 | 17 |                           |                         |                |                |                |             |
| 11. Aug. | Z     | iPg   | 20  | 12 | 50 |                           |                         |                | ca.25          |                |             |
| III      | Z     | iSg   |     | 12 | 53 |                           |                         |                |                |                |             |
|          | E     | iL    |     | 12 | 56 |                           |                         |                |                |                |             |
| 12. Aug. | Z     | e     | 01  | 35 | 19 |                           |                         |                |                |                |             |
| I        | Z     | e     |     | 35 | 40 |                           |                         |                |                |                |             |
|          | Z     | i     |     | 37 | 13 |                           |                         |                |                |                |             |
|          | Z     | i     |     | 40 | 20 |                           |                         |                |                |                |             |
| 12. Aug. | N     | i     | 11  | 30 | 29 |                           |                         |                |                |                |             |
| II       | N     | i     |     | 30 | 35 |                           |                         |                |                |                |             |
| 12. Aug. | Z     | iPg   | 13  | 13 | 14 |                           |                         |                | ca.40          |                |             |
| III      | Z     | iSg   |     | 13 | 19 |                           |                         |                |                |                |             |
|          | E     | iL    |     | 13 | 22 |                           |                         |                |                |                |             |
| 12. Aug. | N     | iP    | 13  | 24 | 49 |                           |                         |                | 9100           |                |             |
| IV       | N     | i     |     | 26 | 21 |                           |                         |                |                |                |             |
|          | N     | iPP   |     | 27 | 53 |                           |                         |                |                |                |             |
|          | N     | i     |     | 28 | 20 |                           |                         |                |                |                |             |
| 13. Aug. | Z     | iP    | 07  | 23 | 04 |                           |                         |                | 8700           |                |             |
| I        | Z     | iPcP  |     | 23 | 17 |                           |                         |                |                |                |             |
|          | Z     | i     |     | 25 | 48 |                           |                         |                |                |                |             |
|          | Z     | iPP   |     | 26 | 03 |                           |                         |                |                |                |             |
|          | N     | iS    |     | 32 | 56 |                           |                         |                |                |                |             |
|          | N     | iPS   |     | 33 | 42 |                           |                         |                |                |                |             |
| 13. Aug. | Z     | iPKP  | 14  | 33 | 40 |                           |                         |                | 13000          |                |             |
| II       | Z     | ePP   |     | 34 | 56 |                           |                         |                |                |                |             |
|          | Z     | ePPP  |     | 37 | 27 |                           |                         |                |                |                |             |
|          | E     | iSKS  |     | 40 | 34 |                           |                         |                |                |                |             |
|          | Z     | iSP   |     | 44 | 03 |                           |                         |                |                |                |             |
|          | E     | iPS   |     | 44 | 48 |                           |                         |                |                |                |             |



| Datum    | Komp. | Phase          | MGZ |      |    | Periode<br>Ts | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km   | Bemerkungen |
|----------|-------|----------------|-----|------|----|---------------|-------------------------|----------------|----------------|--|-------------|
|          |       |                | h   | m    | s  |               | A <sub>N</sub>          | A <sub>S</sub> | A <sub>E</sub> |  |             |
| noch     |       |                |     |      |    |               |                         |                |                |  |             |
| 13. Aug. | E     | 1SS            |     | 51   | 18 |               |                         |                |                |  |             |
| II       | N     | eL             | 15  | 07   | 45 |               |                         |                |                |  |             |
|          |       | M <sub>1</sub> |     | 23.5 |    | 18            |                         |                |                |  |             |
|          |       | M <sub>2</sub> |     | 32.7 |    | 17            |                         |                |                |  |             |
| 14. Aug. | Z     | 1P             | 22  | 45   | 09 |               |                         |                |                |  |             |
| 17. Aug. | E     | i              | 12  | 28   | 10 |               |                         |                |                |  |             |
| I        | E     | i              |     | 28   | 14 |               |                         |                |                |  |             |
| 17. Aug. | Z     | 1Pn            | 15  | 29   | 00 |               |                         |                | 400            | Herdgebiet nach BCIS: Birkenfeld (Rheinland) 49°41.5' N, 7°12' E |             |
| II       | N     | 1Pg            |     | 29   | 12 |               |                         |                |                |  |             |
|          | E     | 1Sn            |     | 29   | 37 |               |                         |                |                |  |             |
|          | E     | i              |     | 29   | 47 |               |                         |                |                |  |             |
|          | N     | 1Sg            |     | 29   | 52 |               |                         |                |                |  |             |
|          | N     | 1L             |     | 29   | 59 |               |                         |                |                |  |             |
|          | N     | M              |     | 30   | 10 | 0.35          |                         |                |                |  |             |
|          |       |                |     |      |    |               |                         |                |                |  |             |
| 18. Aug. | Z     | 1P             | 20  | 58   | 56 |               |                         |                |                |  |             |
| I        | Z     | i              |     | 59   | 17 |               |                         |                |                |  |             |
| 18. Aug. | E     | e              | 23  | 43   | 34 |               |                         |                |                |  |             |
| II       | E     | e              |     | 43   | 55 |               |                         |                |                |  |             |
|          | E     | e              |     | 44   | 35 |               |                         |                |                |  |             |
| 20. Aug. | N     | i              | 10  | 53   | 32 |               |                         |                |                |  |             |
| I        | N     | 1L             |     | 53   | 37 |               |                         |                |                |  |             |
| 20. Aug. | Z     | 1P             | 20  | 21   | 34 |               |                         |                | 10000          | Herdgebiet nach USCGS: Tristan da Cunha                          |             |
| II       | Z     | 1pP            |     | 21   | 45 |               |                         |                |                |  |             |
|          | N     | 1PP            |     | 25   | 05 |               |                         |                |                |  |             |
| 20. Aug. | Z     | i              | 22  | 40   | 43 |               |                         |                |                |  |             |
| III      | Z     | i              |     | 40   | 47 |               |                         |                |                |  |             |
| 21. Aug. | Z     | 1P             | 13  | 03   | 02 |               |                         |                |                |  |             |
|          | Z     | 1PP            |     | 07   | 09 |               |                         |                |                |  |             |
| 22. Aug. | Z     | i              | 11  | 19   | 53 |               |                         |                |                |  |             |
|          | N     | i              | 12  | 00   | 09 |               |                         |                |                |  |             |
| 23. Aug. | Z     | i              | 05  | 11   | 26 |               |                         |                |                |  |             |
| I        |       |                |     |      |    |               |                         |                |                |  |             |



| Datum    | Komp. | Phase             | MGZ |      |      | Periode<br>Ts | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|----------|-------|-------------------|-----|------|------|---------------|-------------------------|----------------|----------------|---|-------------|
|          |       |                   | h   | m    | s    |               | A <sub>N</sub>          | A <sub>S</sub> | A <sub>E</sub> |   |             |
| 23. Aug. | Z     | 1P                | 09  | 05   | 51   |               |                         |                |                |   |             |
| II       | Z     | 1pP               |     | 06   | 05   |               |                         |                |                |   |             |
|          | E     | ePP               |     | 07   | 41   |               |                         |                |                |   |             |
|          | N     | e                 |     | 08   | 36   |               |                         |                |                |   |             |
| 23. Aug. | N     | e                 | 23  | 06   | 53   |               |                         |                |                |   |             |
| III      | N     | i                 |     | 08   | 23   |               |                         |                |                |   |             |
| 24. Aug. | Z     | 1P                | 01  | 55   | 33   |               |                         |                | 7800           | Herdgebiet nach USCGS: Kamtschatka                    |             |
| I        | Z     | 1pP               |     | 55   | 52   |               |                         |                |                |   |             |
|          | N     | 1PcP              |     | 56   | 14   |               |                         |                |                |   |             |
|          |       | M                 |     | 27.6 |      | 16            |                         |                |                |   |             |
| 24. Aug. | Z     | 1PKP <sub>1</sub> | 06  | 08   | 48   |               |                         |                |                |   |             |
| II       | Z     | 1PKP <sub>2</sub> |     | 08   | 59   |               |                         |                |                |   |             |
| 24. Aug. | Z     | 1P                | 19  | 38   | 36   |               |                         |                | 7500           | Herdgebiet nach USCGS: Grenzgebiet Burma - Indien     |             |
| III      | Z     | 1PcP              |     | 39   | 01   |               |                         |                |                |   |             |
| 25. Aug. | Z     | 1P                | 17  | 53   | 48   |               |                         |                | 8400           | Herdgebiet nach USCGS: Aleuten                        |             |
|          | Z     | i                 |     | 53   | 59   |               |                         |                |                |   |             |
|          | N     | ePP               |     | 56   | 31   |               |                         |                |                |   |             |
|          | N     | e                 | 18  | 03   | 57   |               |                         |                |                |   |             |
|          | N     | 1PPS              |     | 04   | 14   |               |                         |                |                |   |             |
| 26. Aug. | Z     | i                 | 11  | 11   | 13   |               |                         |                |                |   |             |
| I        | Z     | i                 |     | 11   | 22   |               |                         |                | ca.25          |   |             |
| 26. Aug. | Z     | 1Pg               | 11  | 15   | 25   |               |                         |                |                |   |             |
| II       | Z     | 1Sg               |     | 15   | 28.5 |               |                         |                |                |   |             |
|          | Z     | 1L                |     | 15   | 31.5 |               |                         |                |                |   |             |
| 26. Aug. | Z     | 1PKP              | 18  | 46   | 37   |               |                         |                | 15200          | h = ca. 50 km<br>Herdgebiet nach USCGS: Neue Hebriden |             |
| III      | N     | ePP               |     | 49   | 10   |               |                         |                |                |   |             |
|          | N     | 1pPP              |     | 49   | 30   |               |                         |                |                |   |             |
|          | N     | 1PKS              |     | 50   | 11   |               |                         |                |                |   |             |
|          | N     | 1pPKS             |     | 50   | 30   |               |                         |                |                |   |             |
|          | N     | 1(PPP)            |     | 52   | 43   |               |                         |                |                |   |             |
|          |       |                   |     |      |      |               |                         |                |                |   |             |
| 27. Aug. | Z     | eP                | 10  | 21   | 50   |               |                         |                | 2200           | Herdgebiet nach BCIS: Kreta                           |             |
| I        | Z     | i                 |     | 22   | 05   |               |                         |                |                |   |             |
|          | E     | 1S                |     | 25   | 37   |               |                         |                |                |   |             |
|          | E     | i                 |     | 28   | 16   |               |                         |                |                |   |             |
|          | E     | 1L                |     | 28   | 56   |               |                         |                |                |   |             |
|          |       |                   |     |      |      |               |                         |                |                |   |             |



| Datum    | Komp. | Phase | MGZ |      |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen                          |
|----------|-------|-------|-----|------|------|---------------------------|-------------------------|----------------|----------------|----------------|--------------------------------------|
|          |       |       | h   | m    | s    |                           | A <sub>H</sub>          | A <sub>M</sub> | A <sub>L</sub> |                |                                      |
| noch     |       |       |     |      |      |                           |                         |                |                |                |                                      |
| 27. Aug. | E     | e     |     | 30.2 |      |                           |                         |                |                |                |                                      |
| I        | E     | M     |     | 33.0 | 9    |                           |                         |                |                |                |                                      |
| 27. Aug. | Z     | i     | 11  | 17   | 01   |                           |                         |                |                |                |                                      |
| II       | E     | i     |     | 17   | 12   |                           |                         |                |                |                |                                      |
| 27. Aug. | N     | i     | 12  | 02   | 33   |                           |                         |                |                |                |                                      |
| III      | N     | i     |     | 02   | 36   |                           |                         |                |                |                |                                      |
| 27. Aug. | Z     | iP    | 18  | 27   | 29   |                           |                         |                |                |                | Herdgebiet<br>nach USCGS:<br>Kurilen |
| IV       | Z     | i     |     | 27   | 38   |                           |                         |                |                |                |                                      |
|          | N     | i(S)  |     | 36   | 48   |                           |                         |                |                |                |                                      |
| 27. Aug. | Z     | iPg   | 22  | 17   | 11   |                           |                         |                | ca.30          |                |                                      |
| V        | Z     | iSg   |     | 17   | 15   |                           |                         |                |                |                |                                      |
|          | Z     | iL    |     | 17   | 17   |                           |                         |                |                |                |                                      |
| 28. Aug. | Z     | iPg   | 04  | 45   | 36   |                           |                         |                | ca.25          |                |                                      |
| I        | Z     | iSg   |     | 45   | 39   |                           |                         |                |                |                |                                      |
|          | Z     | iL    |     | 45   | 43   |                           |                         |                |                |                |                                      |
| 28. Aug. | Z     | i     | 24  | 01   | 27   |                           |                         |                |                |                |                                      |
| II       | Z     | i     |     | 02   | 02   |                           |                         |                |                |                |                                      |
|          | Z     | i     |     | 02   | 08   |                           |                         |                |                |                |                                      |
|          | Z     | iSg   |     | 02   | 18   |                           |                         |                |                |                |                                      |
|          | Z     | i     |     | 02   | 37   |                           |                         |                |                |                |                                      |
|          | N     | i     |     | 03   | 30   |                           |                         |                |                |                |                                      |
| 29. Aug. | Z     | iP    | 18  | 05   | 04   |                           |                         |                |                |                |                                      |
|          | Z     | i     |     | 05   | 08   |                           |                         |                |                |                |                                      |
|          | Z     | iPPP  |     | 05   | 39   |                           |                         |                |                |                |                                      |
|          | Z     | i     |     | 06   | 06   |                           |                         |                |                |                |                                      |
| 30. Aug. | Z     | iPg   | 12  | 38   | 40   |                           |                         |                | ca.40          |                |                                      |
| I        | Z     | iSg   |     | 38   | 45   |                           |                         |                |                |                |                                      |
|          | E     | iL    |     | 38   | 49   | 1.5                       |                         |                |                |                |                                      |
| 30. Aug. | Z     | iPg   | 12  | 41   | 14   |                           |                         |                | ca.40          |                |                                      |
| II       | Z     | iSg   |     | 41   | 19.5 |                           |                         |                |                |                |                                      |
|          | E     | iL    |     | 41   | 24   | 1.5                       |                         |                |                |                |                                      |
| 31. Aug. | Z     | i     | 11  | 18   | 44   |                           |                         |                |                |                |                                      |
| I        |       |       |     |      |      |                           |                         |                |                |                |                                      |



| Datum            | Komp. | Phase | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen   |
|------------------|-------|-------|-----|------|----|---------------------------|-------------------------|----------------|----------------|----------------|---|
|                  |       |       | h   | m    | s  |                           | A <sub>H</sub>          | A <sub>M</sub> | A <sub>L</sub> |                |   |
| 31. Aug.         | Z     | iP    | 22  | 16   | 38 |                           |                         |                | 2300           |                | Herdgebiet<br>nach BCIS:<br>Türkei                                |
| II               | Z     | i     |     | 16   | 54 |                           |                         |                |                |                |   |
|                  | N     | iS    |     | 20   | 27 |                           |                         |                |                |                |   |
| <u>September</u> |       |       |     |      |    |                           |                         |                |                |                |   |
| 1. Sept.         | Z     | iPKP  | 10  | 54   | 25 |                           |                         |                | 15500          |                | Herdgebiet<br>nach USCGS:<br>Neue<br>Hebriden                     |
| I                | Z     | ipPKP |     | 54   | 35 |                           |                         |                |                |                |   |
|                  | Z     | iSKP  |     | 57   | 41 |                           |                         |                |                |                |   |
|                  | N     | iFP   |     | 58   | 17 |                           |                         |                |                |                |   |
| 1. Sept.         | Z     | iP    | 15  | 48   | 39 |                           |                         |                | 8100           |                | Herdgebiet<br>nach USCGS:<br>Kodiak-Insel<br>56.1° N,<br>153.7° W |
| II               | Z     | ipP   |     | 48   | 48 |                           |                         |                |                |                |   |
|                  | Z     | iPcP  |     | 48   | 54 |                           |                         |                |                |                |   |
|                  | Z     | iPP   |     | 51   | 22 |                           |                         |                |                |                |   |
|                  | Z     | i     |     | 52   | 03 |                           |                         |                |                |                |   |
|                  | N     | iPPP  |     | 53   | 04 |                           |                         |                |                |                |   |
|                  | E     | iS    |     | 58   | 02 |                           |                         |                |                |                |   |
|                  | E     | iSs   |     | 58   | 14 |                           |                         |                |                |                |   |
|                  | E     | iScS  |     | 58   | 22 |                           |                         |                |                |                |   |
|                  | E     | eL    | 16  | 18.3 |    |                           |                         |                |                |                |   |
|                  | E     | M     |     | 31.3 |    | 15                        |                         |                |                |                |   |
| 1. Sept.         | Z     | iPKP  | 19  | 00   | 49 |                           |                         |                | ca.50          |                |   |
| III              |       |       |     |      |    |                           |                         |                |                |                |   |
| 2. Sept.         | E     | iPg   | 12  | 02   | 05 |                           |                         |                |                |                |   |
| I                | E     | iSg   |     | 02   | 11 |                           |                         |                |                |                |   |
|                  | E     | iL    |     | 02   | 18 |                           |                         |                |                |                |   |
| 2. Sept.         | Z     | iP    | 13  | 56   | 57 |                           |                         |                |                |                |   |
| II               | N     | eS    | 14  | 05   | 41 |                           |                         |                |                |                |   |
|                  | N     | iScS  |     | 06   | 35 |                           |                         |                |                |                |   |
|                  | N     | M     |     | 25.7 |    | 18                        |                         |                |                |                |   |
| 2. Sept.         | Z     | iPn   | 15  | 00   | 56 |                           |                         |                | 180            |                | Herdgebiet<br>nach BCIS:<br>Rhön                                  |
| III              | Z     | iPg   |     | 00   | 59 |                           |                         |                |                |                |   |
|                  | Z     | iSn   |     | 01   | 17 |                           |                         |                |                |                |   |
|                  | Z     | iSg   |     | 01   | 19 |                           |                         |                |                |                |   |
|                  | N     | iL    |     | 01   | 44 |                           |                         |                |                |                |   |
| 2. Sept.         | Z     | iP    | 22  | 14   | 38 |                           |                         |                | 8700           |                | h = ca.<br>50 km<br>Herdgebiet<br>nach USCGS:<br>Aleuten          |
| IV               | Z     | iPcP  |     | 14   | 49 |                           |                         |                |                |                |   |
|                  | Z     | ipP   |     | 15   | 01 |                           |                         |                |                |                |   |



| Datum    | Komp. | Phase | MGZ  |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen                                     |
|----------|-------|-------|------|------|----|---------------------------|-------------------------|----------------|----------------|----------------|---|
|          |       |       | h    | m    | s  |                           | A <sub>H</sub>          | A <sub>G</sub> | A <sub>L</sub> |                |   |
| noch     |       |       |      |      |    |                           |                         |                |                |                |   |
| 2. Sept. | N     | 1FP   | 22   | 17   | 43 | 18                        |                         |                |                | ca. 40         | 52° N,<br>171° W                                |
| IV       | E     | 1S    |      | 24   | 25 |                           |                         |                |                |                |   |
|          | E     | 1SKS  |      | 24   | 44 |                           |                         |                |                |                |   |
|          | N     | 1FPS  |      | 25   | 18 |                           |                         |                |                |                |   |
|          |       | M     | 52.4 |      |    |                           |                         |                |                |                |   |
| 3. Sept. | Z     | i     | 00   | 05   | 37 | 14                        |                         |                |                | 8600           | Herdgebiet<br>nach USCGS:<br>Kurilen            |
| I        | Z     | i     |      | 05   | 58 |                           |                         |                |                |                |   |
|          | Z     | i     |      | 06   | 14 |                           |                         |                |                |                |   |
| 3. Sept. | N     | i     | 06   | 01   | 31 | 14                        |                         |                |                | 16100          | Herdgebiet<br>nach USCGS:<br>Loyalty-<br>Inseln |
| II       | N     | i     |      | 02   | 03 |                           |                         |                |                |                |   |
|          | N     | e     |      | 02   | 20 |                           |                         |                |                |                |   |
| 3. Sept. | Z     | 1Pg   | 12   | 14   | 29 | 14                        |                         |                |                | 8600           | Herdgebiet<br>nach USCGS:<br>Kurilen            |
| III      | Z     | 1Sg   |      | 14   | 34 |                           |                         |                |                |                |   |
|          | E     | 1L    |      | 14   | 38 |                           |                         |                |                |                |   |
| 3. Sept. | Z     | 1PKP  | 12   | 59   | 48 | 14                        |                         |                |                | 8600           | Herdgebiet<br>nach USCGS:<br>Kurilen            |
| IV       | Z     | 1FP   | 13   | 01   | 45 |                           |                         |                |                |                |   |
|          | Z     | i     |      | 03   | 39 |                           |                         |                |                |                |   |
|          | E     | 1SKS  |      | 06   | 29 |                           |                         |                |                |                |   |
|          |       |       |      |      |    |                           |                         |                |                |                |   |
| 3. Sept. | Z     | 1P    | 23   | 58   | 20 | 14                        |                         |                |                | 8600           | Herdgebiet<br>nach USCGS:<br>Kurilen            |
| V        | Z     | 1PoP  |      | 58   | 38 |                           |                         |                |                |                |   |
|          | N     | i     | 24   | 02   | 28 |                           |                         |                |                |                |   |
|          | E     | 1S    |      | 08   | 12 |                           |                         |                |                |                |   |
|          | E     | i     |      | 09   | 57 |                           |                         |                |                |                |   |
|          | E     | 1L    |      | 29.0 |    |                           |                         |                |                |                |   |
|          |       | M     |      | 39.7 |    |                           |                         |                |                |                |   |
| 6. Sept. | Z     | i     | 13   | 30   | 34 | 14                        |                         |                |                | 16100          | Herdgebiet<br>nach USCGS:<br>Loyalty-<br>Inseln |
| I        | N     | i     |      | 30   | 41 |                           |                         |                |                |                |   |
| 6. Sept. | Z     | 1PKP  | 14   | 22   | 31 | 14                        |                         |                |                | 16100          | Herdgebiet<br>nach USCGS:<br>Loyalty-<br>Inseln |
| II       | Z     | 1pPKP |      | 22   | 43 |                           |                         |                |                |                |   |
|          | Z     | i     |      | 23   | 39 |                           |                         |                |                |                |   |
|          | N     | i     |      | 25   | 35 |                           |                         |                |                |                |   |
|          | Z     | 1FP   |      | 25   | 55 |                           |                         |                |                |                |   |
|          | N     | 1SKKS |      | 32   | 14 |                           |                         |                |                |                |   |
|          | N     | e     |      | 33   | 03 |                           |                         |                |                |                |   |
| 6. Sept. | Z     | 1P    | 15   | 36   | 29 | 14                        |                         |                |                | 16100          | Herdgebiet<br>nach USCGS:<br>Loyalty-<br>Inseln |
| III      | N     | i     |      | 37   | 54 |                           |                         |                |                |                |   |
|          | N     | 1FP   |      | 39   | 18 |                           |                         |                |                |                |   |

| Datum    | Komp. | Phase | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen   |
|----------|-------|-------|-----|----|----|---------------------------|-------------------------|----------------|----------------|----------------|---|
|          |       |       | h   | m  | s  |                           | A <sub>H</sub>          | A <sub>G</sub> | A <sub>L</sub> |                |   |
| 7. Sept. | Z     | 1P    | 01  | 30 | 46 | 18                        |                         |                |                | 10100          | Herdgebiet<br>nach USCGS:<br>Tristan da<br>Cunha    |
| I        | Z     | i     |     | 31 | 02 |                           |                         |                |                |                |   |
|          | Z     | 1PP   |     | 34 | 22 |                           |                         |                |                |                |   |
|          | N     | ePPP  |     | 36 | 25 |                           |                         |                |                |                |   |
|          | N     | eS    |     | 41 | 50 |                           |                         |                |                |                |   |
| 7. Sept. | Z     | 1P    | 11  | 56 | 49 | 18                        |                         |                |                | ca. 30         |   |
| II       | N     | i     |     | 57 | 24 |                           |                         |                |                |                |   |
| 7. Sept. | Z     | 1Pg   | 13  | 13 | 06 | 18                        |                         |                |                | 11000          | Herdgebiet<br>nach USCGS:<br>Mindanao               |
| III      | Z     | 1Sg   |     | 13 | 10 |                           |                         |                |                |                |   |
|          | Z     | 1L    |     | 13 | 13 |                           |                         |                |                |                |   |
| 8. Sept. | Z     | 1P    | 11  | 21 | 23 | 18                        |                         |                |                | 11000          | Herdgebiet<br>nach USCGS:<br>Mindanao               |
| I        | Z     | 1pP   |     | 21 | 32 |                           |                         |                |                |                |   |
|          | Z     | i     |     | 21 | 52 |                           |                         |                |                |                |   |
|          | E     | 1SKS  |     | 31 | 53 |                           |                         |                |                |                |   |
| 8. Sept. | E     | i     | 14  | 20 | 22 | 18                        |                         |                |                | 8100           | Herdgebiet<br>nach USCGS:<br>Süd-<br>Kamtschatka    |
| II       | E     | i     |     | 20 | 24 |                           |                         |                |                |                |   |
| 8. Sept. | Z     | 1P    | 14  | 43 | 28 | 18                        |                         |                |                | 950            | Herdgebiet<br>nach BCIS:<br>Gran Sasso<br>(Italien) |
| III      | Z     | 1PP   |     | 46 | 15 |                           |                         |                |                |                |   |
|          | Z     | i     |     | 49 | 07 |                           |                         |                |                |                |   |
| 9. Sept. | Z     | 1Sn   | 05  | 06 | 36 | 18                        |                         |                |                | 2300           | Herdgebiet<br>nach USCGS:<br>Jan Mayen              |
| I        | E     | i     |     | 06 | 43 |                           |                         |                |                |                |   |
|          | N     | i     |     | 07 | 04 |                           |                         |                |                |                |   |
|          | N     | 1Sg   |     | 07 | 26 |                           |                         |                |                |                |   |
|          | E     | M     |     | 08 | 07 |                           |                         |                |                |                |   |
| 9. Sept. | Z     | 1P    | 10  | 13 | 12 | 18                        |                         |                |                | 2300           | Herdgebiet<br>nach USCGS:<br>Jan Mayen              |
| II       | E     | i     |     | 16 | 22 |                           |                         |                |                |                |   |
| 9. Sept. | Z     | 1P    | 16  | 24 | 08 | 18                        |                         |                |                | 2300           | Herdgebiet<br>nach USCGS:<br>Jan Mayen              |
| III      | Z     | i     |     | 24 | 11 |                           |                         |                |                |                |   |
|          | N     | 1PPP  |     | 24 | 47 |                           |                         |                |                |                |   |
|          | N     | 1(S)  |     | 27 | 33 |                           |                         |                |                |                |   |
|          | N     | 1SS   |     | 28 | 08 |                           |                         |                |                |                |   |
| 9. Sept. | Z     | i     | 19  | 41 | 40 | 18                        |                         |                |                | 2300           | Weiterer<br>Nachstoß                                |
| IV       | Z     | i     |     | 41 | 44 |                           |                         |                |                |                |   |
| 9. Sept. | Z     | 1P    | 20  | 09 | 23 | 18                        |                         |                |                | 2300           | Weiterer<br>Nachstoß                                |
| V        | N     | 1PPP  |     | 09 | 53 |                           |                         |                |                |                |   |
|          | N     | 1(SS) |     | 13 | 21 |                           |                         |                |                |                |   |



| Datum    | Komp. | Phase               | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km                                       | Bemerkungen |
|----------|-------|---------------------|-----|------|----|---------------------------|-------------------------|----------------|----------------|--|-------------|
|          |       |                     | h   | m    | s  |                           | A <sub>H</sub>          | A <sub>S</sub> | A <sub>G</sub> |  |             |
| 9. Sept  | N     | i                   | 21  | 32   | 37 |                           |                         |                |                |  |             |
| VI       | N     | i                   |     | 33   | 30 |                           |                         |                |                |  |             |
|          | N     | i                   |     | 34   | 08 |                           |                         |                |                |  |             |
| 10. Sept | Z     | iP                  | 00  | 23   | 43 |                           |                         |                | 2300           | Herdgebiet nach BCIS: Kreta                          |             |
| I        | Z     | iPPP                |     | 24   | 15 |                           |                         |                |                |  |             |
|          | N     | iS                  |     | 27   | 34 |                           |                         |                |                |  |             |
|          |       | M                   |     | 33.0 |    | 10                        |                         |                |                |  |             |
| 10. Sept | Z     | iP                  | 10  | 57   | 33 |                           |                         |                | 11000          | h = ca. 630 km<br>Herdgebiet nach USCGS: Celebes-See |             |
| II       | Z     | iPP                 | 11  | 01   | 51 |                           |                         |                |                |  |             |
|          | E     | iSKS                |     | 07   | 15 |                           |                         |                |                |  |             |
|          | N     | iS                  |     | 08   | 17 |                           |                         |                |                |  |             |
|          | E     | iSPS                |     | 10   | 57 |                           |                         |                |                |  |             |
|          | E     | iS <sub>2</sub> SKS |     | 11   | 30 |                           |                         |                |                |  |             |
|          | E     | ePKKP               |     | 13   | 24 |                           |                         |                |                |  |             |
| 10. Sept | Z     | i                   | 12  | 47   | 56 |                           |                         |                |                |  |             |
| III      | Z     | i                   |     | 48   | 11 |                           |                         |                |                |  |             |
|          | Z     | iSg                 |     | 48   | 36 |                           |                         |                |                |  |             |
|          | Z     | i                   |     | 48   | 44 |                           |                         |                |                |  |             |
| 10. Sept | Z     | i                   | 15  | 56   | 51 |                           |                         |                |                |  |             |
| IV       | Z     | i                   |     | 57   | 07 |                           |                         |                |                |  |             |
| 12. Sept | Z     | iP                  | 12  | 29   | 37 |                           |                         |                | 9300           | Herdgebiet nach USCGS: Riu-Kiu-Inseln                |             |
| I        | Z     | iPP                 |     | 29   | 49 |                           |                         |                |                |  |             |
|          | E     | eS                  |     | 39   | 55 |                           |                         |                |                |  |             |
|          |       | M                   | 13  | 11.3 |    | 16                        |                         |                |                |  |             |
| 12. Sept | N     | iPg                 | 12  | 54   | 17 |                           |                         |                | ca.30          |  |             |
| II       | N     | iSg                 |     | 54   | 21 |                           |                         |                |                |  |             |
|          | N     | iL                  |     | 54   | 25 |                           |                         |                |                |  |             |
| 13. Sept | Z     | iP                  | 03  | 21   | 22 |                           |                         |                |                |  |             |
| I        | Z     | e                   |     | 21   | 44 |                           |                         |                |                |  |             |
| 13. Sept | Z     | iPg                 | 13  | 39   | 39 |                           |                         |                | ca.40          |  |             |
| II       | E     | iSg                 |     | 39   | 44 |                           |                         |                |                |  |             |
|          | E     | iL                  |     | 39   | 49 | 1                         |                         |                |                |  |             |
| 14. Sept | Z     | i                   | 00  | 47   | 20 |                           |                         |                |                |  |             |
| I        | Z     | i                   |     | 50   | 25 |                           |                         |                |                |  |             |
| 14. Sept | Z     | iP                  | 02  | 04   | 38 |                           |                         |                |                |  |             |
| II       |       |                     |     |      |    |                           |                         |                |                |  |             |

| Datum    | Komp. | Phase | MGZ |      |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen                                       |
|----------|-------|-------|-----|------|------|---------------------------|-------------------------|----------------|----------------|----------------|---|
|          |       |       | h   | m    | s    |                           | A <sub>H</sub>          | A <sub>S</sub> | A <sub>G</sub> |                |   |
| 14. Sept | Z     | iPKP  | 23  | 38   | 28   |                           |                         |                |                |                |   |
| III      | Z     | e     |     | 39   | 04   |                           |                         |                |                |                |   |
|          | N     | i     |     | 40   | 45   |                           |                         |                |                |                |   |
| 15. Sept | Z     | iPKP  | 03  | 50   | 29   |                           |                         |                |                |                |   |
| I        |       |       |     |      |      |                           |                         |                |                |                |   |
| 15. Sept | Z     | iP    | 18  | 10   | 31   |                           |                         |                |                |                |   |
| II       | E     | e     |     | 14   | 25   |                           |                         |                |                |                |   |
| 16. Sept | Z     | i     | 01  | 32   | (27) |                           |                         |                |                |                |   |
| I        |       |       |     |      |      |                           |                         |                |                |                |   |
| 16. Sept | E     | i     | 09  | 34   | 23   |                           |                         |                |                |                |   |
| II       | E     | i     |     | 34   | 25   |                           |                         |                |                |                |   |
| 16. Sept | Z     | iPg   | 12  | 34   | 20   |                           |                         |                |                | ca.15          |   |
| III      | Z     | iSg   |     | 34   | 22   |                           |                         |                |                |                |   |
|          | N     | iL    |     | 34   | 24   |                           |                         |                |                |                |   |
| 17. Sept | Z     | iP    | 08  | 04   | 30   |                           |                         |                |                |                |   |
| I        | Z     | i     |     | 04   | 57   |                           |                         |                |                |                |   |
|          | Z     | i     |     | 05   | 45   |                           |                         |                |                |                |   |
| 17. Sept | Z     | iP    | 08  | 17   | 10   |                           |                         |                |                | 8300           | Herdgebiet nach USCGS: Kurilen                    |
| II       | Z     | i     |     | 17   | 35   |                           |                         |                |                |                |   |
|          | Z     | ePP   |     | 19   | 54   |                           |                         |                |                |                |   |
|          | E     | iS    |     | 26   | 42   |                           |                         |                |                |                |   |
|          | N     | i     |     | 27   | 07   |                           |                         |                |                |                |   |
|          |       | M     |     | 51.8 |      | 22                        |                         |                |                |                |   |
| 17. Sept | E     | iPg   | 11  | 15   | 04   |                           |                         |                |                | ca.15          |   |
| III      | E     | iSg   |     | 15   | 06   |                           |                         |                |                |                |   |
|          | N     | iL    |     | 15   | 10   |                           |                         |                |                |                |   |
| 17. Sept | Z     | iPKP  | 20  | 16   | 00   |                           |                         |                |                | 16500          | Herdgebiet nach USCGS: Tonga-Inseln               |
| IV       | Z     | ePP   |     | 19   | 30   |                           |                         |                |                |                |   |
|          | N     | iSKKS |     | 27   | 11   |                           |                         |                |                |                |   |
| 18. Sept | Z     | ePKP  | 09  | 59   | 23   |                           |                         |                |                | 12500          | h = ca. 80 km<br>Herdgebiet nach USCGS: Banda-See |
|          | Z     | iPKP  |     | 59   | 37   |                           |                         |                |                |                |   |
|          | Z     | iPP   |     | 59   | 51   |                           |                         |                |                |                |   |
|          | Z     | iPPP  | 10  | 00   | 09   |                           |                         |                |                |                |   |
|          | E     | iSKS  |     | 05   | 25   |                           |                         |                |                |                |   |





| Datum            | Komp. | Phase          | MGZ |      |    | Periode<br>Ts | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|------------------|-------|----------------|-----|------|----|---------------|-------------------------|----------------|----------------|---|-------------|
|                  |       |                | h   | m    | s  |               | A <sub>H</sub>          | A <sub>S</sub> | A <sub>G</sub> |   |             |
| 19. Sept<br>I    | Z     | iP             | 03  | 52   | 26 | 15            |                         |                | 10000          | Herdgebiet nach USCGS: Philippinen<br>15.8° N,<br>119.4° E                      |             |
|                  | E     | eSKS           | 04  | 02   | 51 |               |                         |                |                |   |             |
|                  | E     | eScS           |     | 03   | 13 |               |                         |                |                |   |             |
|                  | E     | iPPS           |     | 04   | 38 |               |                         |                |                |   |             |
|                  |       | M <sub>1</sub> |     | 29.5 |    |               |                         |                |                |   |             |
|                  |       | M <sub>2</sub> |     | 34.0 |    |               |                         |                |                |   | 12          |
| 19. Sept.<br>II  | Z     | iP             | 19  | 13   | 58 | 19            |                         |                | 9500           | h = ca.<br>60 km<br>Herdgebiet nach USCGS:<br>Grenzgebiet Kolumbien -<br>Panama |             |
|                  | Z     | ipP            |     | 14   | 08 |               |                         |                |                |   |             |
|                  | E     | iS             |     | 24   | 25 |               |                         |                |                |   |             |
|                  | E     | isS            |     | 24   | 46 |               |                         |                |                |   |             |
|                  | E     | ePPS           |     | 25   | 27 |               |                         |                |                |   |             |
|                  | E     | e              |     | 25   | 57 |               |                         |                |                |   |             |
|                  |       | M              |     | 49.0 |    |               |                         |                |                |   |             |
| 20. Sept.        | Z     | ePg            | 13  | 04   | 07 | ca.50         |                         |                |                |   |             |
|                  | E     | iSg            |     | 04   | 13 |               |                         |                |                |   |             |
|                  | E     | iL             |     | 04   | 24 |               |                         |                |                |   |             |
| 21. Sept.        | Z     | iP             | 16  | 20   | 19 |               |                         |                |                |   |             |
|                  | Z     | i              |     | 21   | 13 |               |                         |                |                |   |             |
| 22. Sept.<br>I   | Z     | iP             | 05  | 47   | 58 | 14            |                         |                | 6300           | Herdgebiet nach USCGS:<br>Kongo   |             |
|                  | Z     | iPP            |     | 50   | 03 |               |                         |                |                |   |             |
|                  | N     | iPPP           |     | 51   | 24 |               |                         |                |                |   |             |
|                  | E     | eScS           |     | 57   | 56 |               |                         |                |                |   |             |
|                  |       | M              |     | 17.0 |    |               |                         |                |                |   |             |
| 22. Sept.<br>II  | Z     | iP             | 09  | 15   | 20 | 13            |                         |                | 6300           | Nachstoß  |             |
|                  | Z     | iPcP           |     | 16   | 14 |               |                         |                |                |   |             |
|                  | N     | i(PP)          |     | 17   | 33 |               |                         |                |                |   |             |
|                  | N     | iPPP           |     | 18   | 47 |               |                         |                |                |   |             |
|                  | E     | eS             |     | 23   | 16 |               |                         |                |                |   |             |
|                  | E     | iPS            |     | 23   | 26 |               |                         |                |                |   |             |
|                  |       | M              |     | 41.4 |    |               |                         |                |                |   |             |
|                  |       |                |     |      |    |               |                         |                |                |   |             |
| 22. Sept.<br>III | Z     | iP             | 09  | 24   | 40 | 15            |                         |                | 6300           | Weiterer Nachstoß,<br>dem vorhergehenden<br>Beben überlagert                    |             |
|                  | Z     | i              |     | 24   | 55 |               |                         |                |                |   |             |
|                  | Z     | iPP            |     | 26   | 43 |               |                         |                |                |   |             |
|                  | N     | iS             |     | 32   | 38 |               |                         |                |                |   |             |
|                  | E     | iScS           |     | 34   | 17 |               |                         |                |                |   |             |
|                  | Z     | e              |     | 34   | 49 |               |                         |                |                |   |             |
|                  | E     | iSS            |     | 36   | 10 |               |                         |                |                |   |             |
|                  |       | M              |     | 49.4 |    |               |                         |                |                |   |             |

| Datum            | Komp. | Phase | MGZ |    |      | Periode<br>Ts | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km                       | Bemerkungen |
|------------------|-------|-------|-----|----|------|---------------|-------------------------|----------------|----------------|--------------------------------------|-------------|
|                  |       |       | h   | m  | s    |               | A <sub>H</sub>          | A <sub>S</sub> | A <sub>G</sub> |                                      |             |
| 22. Sept.        | Z     | iP    | 22  | 58 | 57   |               |                         |                |                |                                      |             |
|                  | IV    | Z     | i   | 59 | 09   |               |                         |                |                |                                      |             |
| 23. Sept.<br>I   | E     | i     | 12  | 12 | 08   |               |                         |                |                |                                      |             |
|                  | E     | i     |     | 12 | 09   |               |                         |                |                |                                      |             |
|                  | E     | i     |     | 12 | 10   |               |                         |                |                |                                      |             |
| 23. Sept.<br>II  | Z     | iPg   | 12  | 42 | 32   | ca.50         |                         |                |                |                                      |             |
|                  | N     | iSg   |     | 42 | 40   |               |                         |                |                |                                      |             |
|                  | N     | iL    |     | 42 | 50   |               |                         |                |                |                                      |             |
| 23. Sept.<br>III | Z     | ePKP  | 23  | 22 | 17   |               |                         |                |                |                                      |             |
|                  | Z     | i     |     | 22 | 34   |               |                         |                |                |                                      |             |
|                  | Z     | e     |     | 22 | 58   |               |                         |                |                |                                      |             |
| 24. Sept.        | Z     | iPg   | 14  | 39 | 53   | ca.30         |                         |                |                |                                      |             |
|                  | Z     | iSg   |     | 39 | 57   |               |                         |                |                |                                      |             |
|                  | N     | iL    |     | 40 | 00   |               |                         |                |                |                                      |             |
| 25. Sept.<br>I   | Z     | iPg   | 15  | 30 | 48   | ca.35         |                         |                |                |                                      |             |
|                  | E     | iSg   |     | 30 | 52.5 |               |                         |                |                |                                      |             |
|                  | E     | iL    |     | 30 | 56   |               |                         |                |                |                                      |             |
| 25. Sept.<br>II  | Z     | iPKP  | 15  | 58 | 57   |               |                         |                |                |                                      |             |
|                  | Z     | i     |     | 59 | 20   |               |                         |                |                |                                      |             |
|                  | Z     | i     |     | 59 | 35   |               |                         |                |                |                                      |             |
| 26. Sept.<br>I   | Z     | i     | 05  | 42 | 53   |               |                         |                |                |                                      |             |
|                  | Z     | i     |     | 43 | 10   |               |                         |                |                |                                      |             |
|                  | Z     | i     |     | 43 | 18   |               |                         |                |                |                                      |             |
| 26. Sept.<br>II  | Z     | i     | 13  | 46 | 53   |               |                         |                |                |                                      |             |
|                  | Z     | i     |     | 46 | 55   |               |                         |                |                |                                      |             |
| 26. Sept.<br>III | Z     | i(P)  | 15  | 25 | 21   |               |                         |                |                |                                      |             |
| 27. Sept.<br>I   | Z     | i     | 12  | 38 | 34   | 950           |                         |                |                | Herdgebiet nach BCIS:<br>Jugoslawien |             |
|                  | Z     | iSn   |     | 38 | 44   |               |                         |                |                |                                      |             |
|                  | E     | e     |     | 39 | 16   |               |                         |                |                |                                      |             |
|                  | N     | i     |     | 39 | 25   |               |                         |                |                |                                      |             |
|                  | E     | iSg   |     | 39 | 40   |               |                         |                |                |                                      |             |
|                  |       | M     |     | 40 | 00   |               |                         |                |                |                                      |             |



| Datum     | Komp. | Phase | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|-----------|-------|-------|-----|----|----|---------------------------|-------------------------|----------------|----------------|---|-------------|
|           |       |       | h   | m  | s  |                           | A <sub>H</sub>          | A <sub>V</sub> | A <sub>Z</sub> |   |             |
| 27. Sept. | Z     | 1Pg   | 20  | 25 | 27 |                           |                         |                | ca.40          |   |             |
| II        | Z     | 1Sg   |     | 25 | 32 |                           |                         |                |                |   |             |
|           | Z     | 1L    |     | 25 | 34 |                           |                         |                |                |   |             |
| 28. Sept. | Z     | 1     | 05  | 39 | 49 |                           |                         |                |                |   |             |
| I         | Z     | 1     |     | 39 | 58 |                           |                         |                |                |   |             |
| 28. Sept. | Z     | 1     | 09  | 17 | 56 |                           |                         |                |                |   |             |
| II        |       |       |     |    |    |                           |                         |                |                |   |             |
| 28. Sept. | E     | 1     | 17  | 27 | 52 |                           |                         |                |                |   |             |
| III       | E     | 1     |     | 28 | 04 |                           |                         |                |                |   |             |
|           | E     | 1     |     | 29 | 15 |                           |                         |                |                |   |             |
|           | E     | 1     |     | 29 | 36 |                           |                         |                |                |   |             |
| 28. Sept. | Z     | 1(Sn) | 20  | 49 | 38 |                           |                         |                |                |   |             |
| IV        | Z     | 1     |     | 50 | 19 |                           |                         |                |                |   |             |
|           | Z     | 1     |     | 50 | 25 |                           |                         |                |                |   |             |
|           | Z     | 1(Sg) |     | 50 | 37 |                           |                         |                |                |   |             |
|           | M     |       |     | 50 | 53 |                           |                         |                |                |   |             |
| 28. Sept. | N     | 1S    | 22  | 29 | 35 |                           |                         |                |                | Herdgebiet nach BCIS: Griechenland  |             |
| V         | Z     | 1SS   |     | 29 | 54 |                           |                         |                |                |   |             |
|           | N     | 1     |     | 30 | 27 |                           |                         |                |                |   |             |
|           | N     | 1     |     | 30 | 54 |                           |                         |                |                |   |             |
|           | E     | 1     |     | 31 | 06 |                           |                         |                |                |   |             |
|           | N     | M     |     | 31 | 28 |                           |                         |                |                |   |             |
| 29. Sept. | Z     | e     | 10  | 52 | 12 |                           |                         |                |                |   |             |
| I         | N     | 1     |     | 52 | 23 |                           |                         |                |                |   |             |
|           | N     | 1     |     | 52 | 44 |                           |                         |                |                |   |             |
| 29. Sept. | Z     | 1P    | 11  | 31 | 46 |                           |                         |                | 11000          | h = ca. 450 km<br>Herdgebiet nach USCGS: Marianen<br>19.0° N,<br>144.7° E |             |
| II        | N     | 1pP   |     | 33 | 30 |                           |                         |                |                |   |             |
|           | Z     | 1     |     | 35 | 04 |                           |                         |                |                |   |             |
|           | Z     | 1     |     | 35 | 45 |                           |                         |                |                |   |             |
|           | Z     | 1PP   |     | 35 | 54 |                           |                         |                |                |   |             |
|           | N     | 1SKS  |     | 41 | 42 |                           |                         |                |                |   |             |
|           | N     | 1SKKS |     | 42 | 12 |                           |                         |                |                |   |             |
|           | E     | 1S    |     | 42 | 35 |                           |                         |                |                |   |             |
|           | E     | 1aSKS |     | 44 | 34 |                           |                         |                |                |   |             |
|           | E     | 1PS   |     | 45 | 09 |                           |                         |                |                |   |             |
|           | E     | 1aS   |     | 45 | 46 |                           |                         |                |                |   |             |
|           | E     | 1PPS  |     | 45 | 57 |                           |                         |                |                |   |             |
|           | Z     | ePKKP |     | 48 | 46 |                           |                         |                |                |   |             |

| Datum     | Komp. | Phase  | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km   | Bemerkungen |
|-----------|-------|--------|-----|------|----|---------------------------|-------------------------|----------------|----------------|--|-------------|
|           |       |        | h   | m    | s  |                           | A <sub>H</sub>          | A <sub>V</sub> | A <sub>Z</sub> |  |             |
| noch      |       |        |     |      |    |                           |                         |                |                |  |             |
| 29. Sept. | E     | eSS    |     | 49   | 04 |                           |                         |                |                |  |             |
| II        | E     | eSSP   |     | 50   | 31 |                           |                         |                |                |  |             |
| 29. Sept. | Z     | 1Pg    | 12  | 45   | 22 |                           |                         |                | ca.30          |  |             |
| III       | E     | 1Sg    |     | 45   | 26 |                           |                         |                |                |  |             |
|           | E     | 1L     |     | 45   | 31 |                           |                         |                |                |  |             |
| Oktober   |       |        |     |      |    |                           |                         |                |                |  |             |
| 1. Okt.   | Z     | 1P     | 03  | 11   | 27 |                           |                         |                |                |  |             |
| I         | Z     | 1pP    |     | 11   | 43 |                           |                         |                |                |  |             |
|           | Z     | 1(PoP) |     | 12   | 12 |                           |                         |                |                |  |             |
|           | Z     | e      |     | 12   | 25 |                           |                         |                |                |  |             |
| 1. Okt.   | Z     | 1P     | 05  | 34   | 59 |                           |                         |                | 2200           | Herdgebiet nach BCIS: Kreta                            |             |
| II        | Z     | 1PP    |     | 35   | 16 |                           |                         |                |                |  |             |
|           | Z     | 1PPP   |     | 35   | 36 |                           |                         |                |                |  |             |
|           | E     | 1S     |     | 38   | 36 |                           |                         |                |                |  |             |
|           | E     | 1SS    |     | 39   | 02 |                           |                         |                |                |  |             |
| 1. Okt.   | Z     | 1P     | 16  | 22   | 50 |                           |                         |                | 8300           | Herdgebiet nach USCGS: Aleuten<br>52.2° N,<br>172.6° W |             |
| III       | Z     | 1PcP   |     | 23   | 00 |                           |                         |                |                |  |             |
|           | Z     | eFP    |     | 25   | 12 |                           |                         |                |                |  |             |
|           | E     | 1S     |     | 32   | 29 |                           |                         |                |                |  |             |
|           | E     | eScS   |     | 32   | 50 |                           |                         |                |                |  |             |
|           | N     | 1PS    |     | 33   | 04 |                           |                         |                |                |  |             |
|           | N     | 1      |     | 33   | 36 |                           |                         |                |                |  |             |
|           | E     | eL     |     | 53.8 |    |                           |                         |                |                |  |             |
|           | M     |        | 17  | 02.5 |    | 18                        |                         |                |                |  |             |
| 2. Okt.   | Z     | 1P     | 18  | 19   | 26 |                           |                         |                | 8000           | Herdgebiet nach USCGS: Burma                           |             |
| I         | Z     | 1      |     | 19   | 42 |                           |                         |                |                |  |             |
|           | Z     | 1PcP   |     | 19   | 49 |                           |                         |                |                |  |             |
|           | Z     | 1FP    |     | 22   | 20 |                           |                         |                |                |  |             |
|           | Z     | 1PPP   |     | 24   | 07 |                           |                         |                |                |  |             |
|           | N     | 1S     |     | 28   | 39 |                           |                         |                |                |  |             |
|           | N     | 1      |     | 29   | 09 |                           |                         |                |                |  |             |
| 2. Okt.   | Z     | 1Pg    | 21  | 19   | 39 |                           |                         |                | ca.30          |  |             |
| II        | Z     | 1Sg    |     | 19   | 43 |                           |                         |                |                |  |             |
|           | Z     | 1L     |     | 19   | 47 |                           |                         |                |                |  |             |



| Datum   | Komp. | Phase          | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km   | Bemerkungen |
|---------|-------|----------------|-----|------|----|---------------------------|-------------------------|----------------|----------------|--|-------------|
|         |       |                | h   | m    | s  |                           | A <sub>H</sub>          | A <sub>B</sub> | A <sub>G</sub> |  |             |
| 3. Okt. | Z     | 1P             | 00  | 57   | 40 |                           |                         |                | 5200           | Herdgebiet nach USCGS: Pakistan  |             |
| I       | Z     | 1              |     | 58   | 19 |                           |                         |                |                |  |             |
|         | Z     | eHP            |     | 59   | 31 |                           |                         |                |                |  |             |
| 3. Okt. | Z     | 1Pg            | 12  | 40   | 57 |                           |                         |                | ca.25          |  |             |
| II      | E     | 1Sg            |     | 41   | 00 |                           |                         |                |                |  |             |
|         | E     | 1L             |     | 41   | 04 |                           |                         |                |                |  |             |
| 6. Okt. | Z     | 1              | 10  | 30   | 55 |                           |                         |                |                |  |             |
| I       | Z     | 1              |     | 30   | 57 |                           |                         |                |                |  |             |
| 6. Okt. | Z     | 1P             | 20  | 01   | 10 |                           |                         |                | 3000           | h = ca. 60 km<br>Herdgebiet nach BCIS: Nord-Atlantik                       |             |
| II      | Z     | 1pP            |     | 01   | 22 |                           |                         |                |                |  |             |
|         | Z     | 1PPP           |     | 02   | 08 |                           |                         |                |                |  |             |
|         | E     | 1S             |     | 05   | 43 |                           |                         |                |                |  |             |
|         | N     | 1              |     | 06   | 12 |                           |                         |                |                |  |             |
|         | N     | 1              |     | 06   | 57 |                           |                         |                |                |  |             |
|         | N     | eL             |     | 08.6 |    |                           |                         |                |                |  |             |
|         |       | M              |     | 12.3 |    | 15                        |                         |                |                |  |             |
| 7. Okt. | Z     | 1P             | 03  | 21   | 03 |                           |                         |                |                |  | Nachstoß    |
| I       | Z     | 1              |     | 23   | 53 |                           |                         |                |                |  |             |
|         |       | M              |     | 32.2 |    | 15                        |                         |                |                |  |             |
| 7. Okt. | Z     | 1P             | 15  | 33   | 16 |                           |                         |                | 12300          | Herdgebiet nach USCGS: Banda-See<br>7.4° S,<br>130.7° E                    |             |
| II      | Z     | 1PKP           |     | 37   | 08 |                           |                         |                |                |  |             |
|         | Z     | 1              |     | 37   | 26 |                           |                         |                |                |  |             |
|         | Z     | 1PP            |     | 38   | 04 |                           |                         |                |                |  |             |
|         | Z     | 1              |     | 38   | 19 |                           |                         |                |                |  |             |
|         | Z     | 1SEK           |     | 40   | 41 |                           |                         |                |                |  |             |
|         | E     | 1SKS           |     | 43   | 50 |                           |                         |                |                |  |             |
|         | E     | 1              |     | 44   | 56 |                           |                         |                |                |  |             |
|         | E     | 1              |     | 47   | 29 |                           |                         |                |                |  |             |
|         | Z     | 1PSP           |     | 48   | 41 |                           |                         |                |                |  |             |
|         | Z     | 1              |     | 49   | 28 |                           |                         |                |                |  |             |
|         | E     | e              | 16  | 04.0 |    |                           |                         |                |                |  |             |
|         |       | M <sub>1</sub> |     | 20.8 |    | 30                        |                         |                |                |  |             |
|         |       | M <sub>2</sub> |     | 27.5 |    | 20                        |                         |                |                |  |             |
| 8. Okt. | Z     | 1P             | 06  | 03   | 39 |                           |                         |                | 8300           | h = ca. 600 km<br>Herdgebiet nach USCGS: Japan-See<br>40.0° N,<br>129.7° E |             |
| I       | Z     | 1PeP           |     | 03   | 42 |                           |                         |                |                |  |             |
|         | Z     | 1pP            |     | 05   | 44 |                           |                         |                |                |  |             |
|         | Z     | 1FP            |     | 06   | 39 |                           |                         |                |                |  |             |
|         | E     | 1S             |     | 12   | 20 |                           |                         |                |                |  |             |

| Datum    | Komp. | Phase  | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|----------|-------|--------|-----|------|----|---------------------------|-------------------------|----------------|----------------|---|-------------|
|          |       |        | h   | m    | s  |                           | A <sub>H</sub>          | A <sub>B</sub> | A <sub>G</sub> |   |             |
| noch     |       |        |     |      |    |                           |                         |                |                |   |             |
| 8. Okt.  | E     | 1ScS   |     | 12   | 52 |                           |                         |                |                |   |             |
| I        | Z     | 1      |     | 14   | 17 |                           |                         |                |                |   |             |
|          | E     | eSS    |     | 17.4 |    |                           |                         |                |                |   |             |
|          | E     | eSSS   |     | 21.8 |    |                           |                         |                |                |   |             |
| 8. Okt.  | E     | 1S     | 13  | 58   | 35 |                           |                         |                |                |   |             |
| II       | N     | e      |     | 59   | 26 |                           |                         |                |                |   |             |
|          | N     | M      | 14  | 00.5 |    | 3                         |                         |                |                |   |             |
| 8. Okt.  | Z     | 1P     | 20  | 52   | 02 |                           |                         |                | 8700           | Herdgebiet nach USCGS: Nikobaren  |             |
| III      | E     | eS     |     | 21   | 01 |                           |                         |                |                |   |             |
|          | E     | e      |     | 02   | 25 |                           |                         |                |                |   |             |
|          | E     | 1      |     | 04   | 25 |                           |                         |                |                |   |             |
| 9. Okt.  | Z     | 1      | 02  | 07   | 58 |                           |                         |                |                |   |             |
| I        | Z     | 1      |     | 08   | 10 |                           |                         |                |                |   |             |
|          | Z     | 1      |     | 08   | 30 |                           |                         |                |                |   |             |
| 9. Okt.  | Z     | 1P     | 09  | 12   | 29 |                           |                         |                | 8800           | h = ca. 150 km<br>Herdgebiet nach USCGS: Nord-Hondo (Japan)<br>40.8° N,<br>141.2° E |             |
| II       | Z     | 1PcP   |     | 12   | 53 |                           |                         |                |                |   |             |
|          | Z     | 1pP    |     | 13   | 06 |                           |                         |                |                |   |             |
|          | Z     | 1      |     | 14   | 52 |                           |                         |                |                |   |             |
|          | Z     | 1      |     | 16   | 32 |                           |                         |                |                |   |             |
|          | Z     | 1PPP   |     | 17   | 25 |                           |                         |                |                |   |             |
|          | Z     | 1      |     | 19   | 34 |                           |                         |                |                |   |             |
|          | E     | 1S     |     | 22   | 13 |                           |                         |                |                |   |             |
|          | N     | 1(ScS) |     | 22   | 47 |                           |                         |                |                |   |             |
|          | N     | 1sS    |     | 23   | 02 |                           |                         |                |                |   |             |
|          | E     | ePS    |     | 23   | 31 |                           |                         |                |                |   |             |
|          |       | M      |     | 44.8 |    | 15                        |                         |                |                |   |             |
| 10. Okt. | N     | 1Pg    | 13  | 19   | 06 |                           |                         |                | ca.30          |   |             |
|          | N     | 1Sg    |     | 19   | 10 |                           |                         |                |                |   |             |
|          | E     | 1L     |     | 19   | 13 |                           |                         |                |                |   |             |
|          | N     | 1L     |     | 19   | 17 |                           |                         |                |                |   |             |
| 11. Okt. | Z     | 1      | 18  | 39   | 34 |                           |                         |                |                |   |             |
|          | Z     | 1      |     | 39   | 49 |                           |                         |                |                |   |             |
|          | E     | 1      |     | 40   | 26 |                           |                         |                |                |   |             |
| 12. Okt. | Z     | 1P     | 10  | 40   | 25 |                           |                         |                |                |   |             |
|          | Z     | 1      |     | 40   | 33 |                           |                         |                |                |   |             |
|          | Z     | 1      |     | 40   | 57 |                           |                         |                |                |   |             |





| Datum          | Komp.          | Phase          | MGZ  |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|----------------|----------------|----------------|------|------|----|---------------------------|-------------------------|----------------|----------------|---|-------------|
|                |                |                | h    | m    | s  |                           | A <sub>H</sub>          | A <sub>S</sub> | A <sub>G</sub> |   |             |
| 13. Okt.<br>I  | Z              | 1P             | 02   | 24   | 00 |                           |                         |                | 1400           | Herdgebiet nach BCIS; Karpaten 45.2° N, 25.8° E               |             |
|                | Z              | 1              |      | 24   | 38 |                           |                         |                |                |   |             |
|                | N              | 1S             |      | 26   | 25 |                           |                         |                |                |   |             |
|                | N              | 1SS            |      | 26   | 55 |                           |                         |                |                |   |             |
|                | N              | 1              |      | 27   | 54 |                           |                         |                |                |   |             |
|                | N              | M              |      | 28   | 14 |                           |                         |                |                |   |             |
| 13. Okt.<br>II | Z              | 1P             | 15   | 03   | 52 |                           |                         |                | 8000           | Herdgebiet nach USCGS; Kamtschatka 54.8° N, 161.2° E          |             |
|                | Z              | 1(PcP)         |      | 04   | 24 |                           |                         |                |                |   |             |
|                | Z              | 1              |      | 04   | 44 |                           |                         |                |                |   |             |
|                | E              | 1S             |      | 13   | 09 |                           |                         |                |                |   |             |
|                | E              | 1PPS           |      | 13   | 54 |                           |                         |                |                |   |             |
|                | E              | 1ScS           |      | 14   | 12 |                           |                         |                |                |   |             |
|                | N              | eL             |      | 31.8 |    |                           |                         |                |                |   |             |
|                |                | M <sub>1</sub> |      | 34.5 | 20 |                           |                         |                |                |   |             |
|                | M <sub>2</sub> |                | 43.7 | 13   |    |                           |                         |                |                |   |             |
| 14. Okt.<br>I  | Z              | 1P             | 21   | 31   | 03 |                           |                         |                | 8500           | Herdgebiet nach USCGS; Fox-Inseln (Aleuten) 51.9° N, 172.1° W |             |
|                | Z              | 1PcP           |      | 31   | 16 |                           |                         |                |                |   |             |
|                | N              | 1S             |      | 40   | 48 |                           |                         |                |                |   |             |
|                | N              | 1PS            |      | 41   | 45 |                           |                         |                |                |   |             |
|                | N              | eSS            |      | 46.4 |    |                           |                         |                |                |   |             |
|                | N              | eSSS           |      | 50.3 |    |                           |                         |                |                |   |             |
|                | N              | eL             |      | 58.0 |    |                           |                         |                |                |   |             |
|                |                | M <sub>1</sub> | 22   | 05.5 | 20 |                           |                         |                |                |   |             |
|                | M <sub>2</sub> |                | 18.0 | 17   |    |                           |                         |                |                |   |             |
| 14. Okt.<br>II | Z              | 1P             | 23   | 01   | 30 |                           |                         |                | 3200           | Herdgebiet nach USCGS; Atlantik                               |             |
|                | Z              | 1pP            |      | 01   | 38 |                           |                         |                |                |   |             |
|                | Z              | 1              |      | 03   | 08 |                           |                         |                |                |   |             |
|                | E              | 1S             |      | 06   | 15 |                           |                         |                |                |   |             |
|                | E              | e              |      | 06   | 23 |                           |                         |                |                |   |             |
|                | E              | 1              |      | 07   | 13 |                           |                         |                |                |   |             |
|                | E              | eScS           |      | 12   | 10 |                           |                         |                |                |   |             |
|                | N              | M              |      | 13   | 50 |                           |                         |                |                |   |             |
|                |                |                |      |      | 15 |                           |                         |                |                |   |             |
| 15. Okt.       | Z              | 1              | 10   | 04   | 14 |                           |                         |                |                |   |             |
|                | Z              | 1              |      | 04   | 34 |                           |                         |                |                |   |             |
|                | Z              | 1              |      | 04   | 46 |                           |                         |                |                |   |             |
|                | E              | 1              |      | 05   | 12 |                           |                         |                |                |   |             |
| 16. Okt.       | E              | 1              | 09   | 51   | 40 |                           |                         |                |                |   |             |
|                | E              | 1              |      | 51   | 49 |                           |                         |                |                |   |             |

| Datum           | Komp. | Phase | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen                                       |
|-----------------|-------|-------|-----|----|----|---------------------------|-------------------------|----------------|----------------|----------------|---|
|                 |       |       | h   | m  | s  |                           | A <sub>H</sub>          | A <sub>S</sub> | A <sub>G</sub> |                |   |
| noch            |       |       |     |    |    |                           |                         |                |                |                |   |
| 16. Okt.        | E     | 1     |     | 52 | 28 |                           |                         |                |                |                |   |
|                 | E     | M     |     | 53 | 07 |                           |                         |                |                |                |   |
| 17. Okt.<br>I   | Z     | 1P    | 15  | 58 | 14 |                           |                         |                |                |                |   |
|                 | Z     | 1     |     | 58 | 24 |                           |                         |                |                |                |   |
|                 | N     | 1     | 16  | 01 | 13 |                           |                         |                |                |                |   |
| 17. Okt.<br>II  | Z     | 1P    | 19  | 10 | 19 |                           |                         |                |                |                |   |
|                 | Z     | 1     |     | 10 | 35 |                           |                         |                |                |                |   |
|                 | N     | 1     | 11  | 26 |    |                           |                         |                |                |                |   |
| 18. Okt.<br>I   | Z     | 1P    | 00  | 33 | 36 |                           |                         |                |                |                |   |
|                 |       |       |     |    |    |                           |                         |                |                |                |   |
| 18. Okt.<br>II  | Z     | 1Pg   | 09  | 58 | 58 |                           |                         |                |                |                | ca.40   |
|                 | E     | 1Sg   |     | 59 | 03 |                           |                         |                |                |                |   |
|                 | E     | 1L    |     | 59 | 06 |                           |                         |                |                |                |   |
| 18. Okt.<br>III | Z     | 1P    | 10  | 35 | 04 |                           |                         |                |                |                |   |
|                 | Z     | 1     |     | 35 | 11 |                           |                         |                |                |                |   |
| 18. Okt.<br>IV  | E     | 1     | 10  | 57 | 54 |                           |                         |                |                |                |   |
|                 | E     | 1     |     | 57 | 57 |                           |                         |                |                |                |   |
| 19. Okt.        | N     | 1Pg   | 12  | 43 | 48 |                           |                         |                |                |                | ca.40   |
|                 | N     | 1Sg   |     | 43 | 53 |                           |                         |                |                |                |   |
|                 | Z     | 1     |     | 44 | 05 |                           |                         |                |                |                |   |
| 20. Okt.<br>I   | Z     | 1PKP  | 11  | 25 | 16 |                           |                         |                |                |                | 15500<br>Herdgebiet nach USCGS; Santa Cruz-Inseln |
|                 | Z     | e     |     | 26 | 42 |                           |                         |                |                |                |   |
|                 | Z     | ePP   |     | 27 | 50 |                           |                         |                |                |                |   |
|                 | Z     | 1PKS  |     | 28 | 46 |                           |                         |                |                |                |   |
| 20. Okt.<br>II  | Z     | 1Pg   | 21  | 54 | 54 |                           |                         |                |                |                | ca.25   |
|                 | Z     | 1Sg   |     | 54 | 57 |                           |                         |                |                |                |   |
|                 | Z     | 1L    |     | 55 | 02 |                           |                         |                |                |                |   |
| 21. Okt.<br>I   | N*    | 1     | 11  | 31 | 55 |                           |                         |                |                |                |   |
|                 | N     | 1     |     | 32 | 02 |                           |                         |                |                |                |   |
| 21. Okt.<br>II  | N     | 1Pg   | 13  | 17 | 04 |                           |                         |                |                |                | ca.30   |
|                 | N     | 1Sg   |     | 17 | 08 |                           |                         |                |                |                |   |
|                 | N     | 1L    |     | 17 | 12 |                           |                         |                |                |                |   |
| 21. Okt.<br>III | Z     | 1     | 17  | 27 | 29 |                           |                         |                |                |                |   |
|                 |       |       |     |    |    |                           |                         |                |                |                |   |



| Datum    | Komp. | Phase | MGZ |    |    | Periode<br>T <sub>a</sub> | Amplitude μm   |                |                | Δ<br>km   | Bemerkungen |
|----------|-------|-------|-----|----|----|---------------------------|----------------|----------------|----------------|---|-------------|
|          |       |       | h   | m  | s  |                           | A <sub>x</sub> | A <sub>y</sub> | A <sub>z</sub> |   |             |
| noch     |       |       |     |    |    |                           |                |                |                |   |             |
| 21. Okt. | Z     | i     |     | 27 | 32 |                           |                |                |                |   |             |
| III      | Z     | i     |     | 27 | 55 |                           |                |                |                |   |             |
| 22. Okt. | Z     | iPKP  | 08  | 41 | 06 |                           |                |                | 14500          | Herdgebiet<br>nach USCGS:<br>Salomon-<br>Inseln                                       |             |
| I        | Z     | e     |     | 41 | 24 |                           |                |                |                |   |             |
|          | Z     | iPP   |     | 43 | 36 |                           |                |                |                |   |             |
|          | Z     | iPKS  |     | 44 | 27 |                           |                |                |                |   |             |
|          | Z     | i     |     | 44 | 57 |                           |                |                |                |   |             |
|          | N     | eSKKS |     | 50 | 04 |                           |                |                |                |   |             |
|          | N     | e     |     | 52 | 42 |                           |                |                |                |   |             |
| 22. Okt. | Z     | i     | 13  | 00 | 01 |                           |                |                |                |   |             |
| II       | Z     | i     |     | 00 | 25 |                           |                |                |                |   |             |
|          | Z     | i     |     | 00 | 40 |                           |                |                |                |   |             |
|          | Z     | i     |     | 00 | 51 |                           |                |                |                |   |             |
| 22. Okt. | Z     | iPn   | 19  | 19 | 54 |                           |                |                | 930            | Herdgebiet<br>nach BCIS:<br>Rumänisch-<br>ungarische<br>Grenze<br>45.9° N,<br>21.2° E |             |
| III      | Z     | i     |     | 20 | 06 |                           |                |                |                |   |             |
|          | Z     | i     |     | 20 | 14 |                           |                |                |                |   |             |
|          | Z     | iPg   |     | 20 | 37 |                           |                |                |                |   |             |
|          | Z     | i(Sn) |     | 21 | 21 |                           |                |                |                |   |             |
|          | Z     | i     |     | 21 | 45 |                           |                |                |                |   |             |
|          | Z     | i     |     | 21 | 54 |                           |                |                |                |   |             |
|          | Z     | iSg   |     | 22 | 24 |                           |                |                |                |   |             |
|          | N     | M     |     | 22 | 58 |                           |                |                |                |   |             |
| 23. Okt. | Z     | i     | 16  | 07 | 19 |                           |                |                |                |   |             |
|          | Z     | i     |     | 07 | 25 |                           |                |                |                |   |             |
| 24. Okt. | Z     | i     | 05  | 31 | 05 |                           |                |                |                |   |             |
| I        | Z     | i     |     | 31 | 51 |                           |                |                |                |   |             |
| 24. Okt. | Z     | i     | 12  | 49 | 36 |                           |                |                |                |   |             |
| II       | Z     | i     |     | 49 | 55 |                           |                |                |                |   |             |
| 24. Okt. | Z     | i(Pg) | 15  | 48 | 54 |                           |                |                |                |   |             |
| III      | Z     | i     |     | 49 | 37 |                           |                |                |                |   |             |
|          | N     | i     |     | 50 | 04 |                           |                |                |                |   |             |
|          | E     | e(Sn) |     | 50 | 28 |                           |                |                |                |   |             |
|          | Z     | M     |     | 51 | 22 |                           |                |                |                |   |             |
| 25. Okt. | N     | i     | 11  | 07 | 10 |                           |                |                |                |   |             |
|          | Z     | i     |     | 07 | 12 |                           |                |                |                |   |             |

| Datum    | Komp. | Phase          | MGZ |      |    | Periode<br>T <sub>a</sub> | Amplitude μm   |                |                | Δ<br>km | Bemerkungen   |
|----------|-------|----------------|-----|------|----|---------------------------|----------------|----------------|----------------|---------|---|
|          |       |                | h   | m    | s  |                           | A <sub>x</sub> | A <sub>y</sub> | A <sub>z</sub> |         |   |
| 26. Okt. | Z     | i              | 11  | 45   | 44 |                           |                |                |                |         |   |
| I        | Z     | i              |     | 45   | 49 |                           |                |                |                |         |   |
| 26. Okt. | N     | i              | 12  | 33   | 21 |                           |                |                |                |         |   |
| II       | E     | i              |     | 33   | 56 |                           |                |                |                |         |   |
|          | N     | M              |     | 34   | 14 |                           |                |                |                |         |   |
| 26. Okt. | E     | e              | 23  | 02   | 17 |                           |                |                |                |         |   |
| III      | E     | e              |     | 02   | 32 |                           |                |                |                |         |   |
|          | E     | e              |     | 02   | 46 |                           |                |                |                |         |   |
|          | E     | e              |     | 03   | 10 |                           |                |                |                |         |   |
| 27. Okt. | Z     | iP             | 15  | 44   | 17 |                           |                |                |                | 2500    | Herdgebiet<br>nach BCIS:<br>Jan Mayen   |
| I        | E     | i(PPP)         |     | 44   | 46 |                           |                |                |                |         |   |
|          | N     | iS             |     | 48   | 14 |                           |                |                |                |         |   |
| 27. Okt. | Z     | iPKP           | 22  | 47   | 00 |                           |                |                |                |         |   |
| II       | Z     | ipPKP          |     | 48   | 09 |                           |                |                |                |         |   |
|          | N     | i              |     | 48   | 33 |                           |                |                |                |         |   |
|          | N     | i              |     | 51   | 02 |                           |                |                |                |         |   |
| 28. Okt. | Z     | i              | 02  | 49   | 26 |                           |                |                |                |         |   |
| I        | Z     | i              |     | 49   | 29 |                           |                |                |                |         |   |
| 28. Okt. | Z     | iP             | 04  | 23   | 37 |                           |                |                |                |         |   |
| II       | Z     | i(PF)          |     | 23   | 56 |                           |                |                |                |         |   |
|          | N     | iS             |     | 27   | 41 |                           |                |                |                |         |   |
|          | N     | iPcP           |     | 27   | 56 |                           |                |                |                |         |   |
|          | E     | eSSS           |     | 28   | 10 |                           |                |                |                |         |   |
|          | E     | eL             |     | 31.6 |    |                           |                |                |                |         |   |
|          |       | M <sub>1</sub> |     | 34.1 |    |                           |                |                | 13             |         |   |
|          |       | M <sub>2</sub> |     | 35.2 |    |                           |                |                | 13             |         |   |
| 28. Okt. | N     | iP             | 07  | 51   | 31 |                           |                |                |                |         |   |
| III      | N     | iPP            |     | 51   | 51 |                           |                |                |                |         |   |
|          | N     | eS             |     | 55   | 40 |                           |                |                |                |         |   |
| 28. Okt. | Z     | iP             | 13  | 29   | 35 |                           |                |                |                |         |   |
| IV       | Z     | ipP            |     | 30   | 13 |                           |                |                |                |         |   |
|          | Z     | iPP            |     | 32   | 34 |                           |                |                |                |         |   |
|          | Z     | epPP           |     | 33   | 26 |                           |                |                |                |         |   |
|          | Z     | i              |     | 34   | 34 |                           |                |                |                |         |   |
|          | E     | iS             |     | 38   | 50 |                           |                |                |                |         |   |
|          | E     | iScS           |     | 39   | 30 |                           |                |                |                |         |   |
|          | E     | iFS            |     | 39   | 45 |                           |                |                |                |         |   |
|          |       |                |     |      |    |                           |                |                |                | 8100    | h = ca.<br>100 km<br>Herdgebiet<br>nach USCGS:<br>Kamtschatka<br>52.2° N,<br>157.4° E |
|          |       |                |     |      |    |                           |                |                |                | 2500    | Nachstoß  |



| Datum    | Komp. | Phase | MGZ |      |    | Periode<br>Ts | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen |
|----------|-------|-------|-----|------|----|---------------|-------------------------|----------------|----------------|----------------|-------------|
|          |       |       | h   | m    | s  |               | A <sub>H</sub>          | A <sub>S</sub> | A <sub>G</sub> |                |             |
| noch     |       |       |     |      |    |               |                         |                |                |                |             |
| 28. Okt. | E     | i(sS) |     | 40   | 02 |               |                         |                |                |                |             |
| IV       | E     | eSS   |     | 43   | 50 |               |                         |                |                |                |             |
|          | N     | e     |     | 48.0 |    |               |                         |                |                |                |             |
| 28. Okt. | Z     | eP    | 22  | 41   | 47 |               |                         |                |                |                |             |
| V        | Z     | ipP   |     | 42   | 02 |               |                         |                |                |                |             |
|          | Z     | iPP   |     | 44   | 56 |               |                         |                |                |                |             |
|          | Z     | iPP   |     | 45   | 14 |               |                         |                |                |                |             |
|          | E     | e(S)  |     | 52   | 05 |               |                         |                |                |                |             |
|          | E     | e     |     | 52   | 28 |               |                         |                |                |                |             |
|          | N     | eL    | 23  | 13.5 |    |               |                         |                |                |                |             |
|          |       | M     |     | 20.7 |    | 14            |                         |                |                |                |             |
| 29. Okt. | Z     | iPn   | 00  | 10   | 26 |               |                         |                |                |                |             |
| I        | Z     | i     |     | 10   | 43 |               |                         |                |                |                |             |
|          | Z     | i     |     | 11   | 07 |               |                         |                |                |                |             |
|          | E     | iSn   |     | 11   | 47 |               |                         |                |                |                |             |
|          | E     | i     |     | 12   | 10 |               |                         |                |                |                |             |
|          | E     | iSg   |     | 12   | 39 |               |                         |                |                |                |             |
|          | E     | iL    |     | 12   | 47 |               |                         |                |                |                |             |
|          |       | M     |     | 12   | 58 |               |                         |                |                |                |             |
| 29. Okt. | Z     | iP    | 04  | 26   | 56 |               |                         |                |                |                |             |
| II       | Z     | i     |     | 27   | 13 |               |                         |                |                |                |             |
| 29. Okt. | Z     | ePKP  | 09  | 57   | 10 |               |                         |                |                |                |             |
| III      | Z     | i     |     | 57   | 44 |               |                         |                |                |                |             |
| 29. Okt. | Z     | iP    | 13  | 31   | 42 |               |                         |                |                |                |             |
| IV       | Z     | i     |     | 32   | 20 |               |                         |                |                |                |             |
| 29. Okt. | Z     | i(P)  | 20  | 47   | 44 |               |                         |                |                |                |             |
| V        | Z     | i     |     | 48   | 16 |               |                         |                |                |                |             |
| 30. Okt. | Z     | iP    | 08  | 38   | 03 |               |                         |                |                |                |             |
| I        | Z     | i     |     | 38   | 12 |               |                         |                |                |                |             |
|          | Z     | i     |     | 38   | 36 |               |                         |                |                |                |             |
|          | Z     | i     |     | 39   | 35 |               |                         |                |                |                |             |
| 30. Okt. | Z     | iPP   | 21  | 49   | 32 |               |                         |                |                |                |             |
| II       | Z     | i     |     | 50   | 47 |               |                         |                |                |                |             |
|          | E     | iSKS  |     | 57   | 13 |               |                         |                |                |                |             |

h = ca.  
100 km  
Herdgebiet  
nach USCGS:  
Südostküste  
von Hondo

830 Herdgebiet  
nach BCIS:  
Toskanischer  
Apennin  
(Nord-  
Italien)  
44.0° N,  
11.3° E



| Datum           | Komp. | Phase          | MGZ |      |    | Periode<br>Ts | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen |
|-----------------|-------|----------------|-----|------|----|---------------|-------------------------|----------------|----------------|----------------|-------------|
|                 |       |                | h   | m    | s  |               | A <sub>H</sub>          | A <sub>S</sub> | A <sub>G</sub> |                |             |
| 31. Okt.        | Z     | iPg            | 00  | 21   | 50 |               |                         |                |                |                | ca. 40      |
| I               | Z     | iSg            |     | 21   | 55 |               |                         |                |                |                |             |
|                 | Z     | iL             |     | 21   | 59 |               |                         |                |                |                |             |
| 31. Okt.        | Z     | iPg            | 13  | 22   | 07 |               |                         |                |                |                | ca. 25      |
| II              | Z     | iSg            |     | 22   | 10 |               |                         |                |                |                |             |
|                 | Z     | iL             |     | 22   | 13 |               |                         |                |                |                |             |
| 31. Okt.        | Z     | iP             | 23  | 55   | 36 |               |                         |                |                |                |             |
| III             | Z     | i              |     | 56   | 15 |               |                         |                |                |                |             |
| <u>November</u> |       |                |     |      |    |               |                         |                |                |                |             |
| 1. Nov.         | Z     | iP             | 06  | 26   | 17 |               |                         |                |                |                | 7400        |
| I               | Z     | ipP            |     | 26   | 24 |               |                         |                |                |                |             |
|                 | N     | iPcP           |     | 26   | 43 |               |                         |                |                |                |             |
|                 | Z     | iPP            |     | 28   | 49 |               |                         |                |                |                |             |
|                 | N     | iPPP           |     | 30   | 17 |               |                         |                |                |                |             |
| 1. Nov.         | Z     | iPKP           | 09  | 04   | 41 |               |                         |                |                |                | 13000       |
| II              | Z     | i              |     | 04   | 50 |               |                         |                |                |                |             |
|                 | Z     | iPP            |     | 05   | 47 |               |                         |                |                |                |             |
|                 | Z     | ipPP           |     | 05   | 59 |               |                         |                |                |                |             |
|                 | N     | i              |     | 10   | 23 |               |                         |                |                |                |             |
|                 | E     | eSKS           |     | 11   | 42 |               |                         |                |                |                |             |
|                 | E     | eSKKS          |     | 12   | 57 |               |                         |                |                |                |             |
|                 | N     | i              |     | 14   | 29 |               |                         |                |                |                |             |
|                 | E     | iPS            |     | 15   | 28 |               |                         |                |                |                |             |
|                 | N     | eSSS           |     | 25   | 40 |               |                         |                |                |                |             |
|                 |       | eL             |     | 33.4 |    |               |                         |                |                |                |             |
|                 |       | M <sub>1</sub> |     | 40.0 |    |               |                         |                |                | 36             |             |
|                 |       | M <sub>2</sub> |     | 40.6 |    |               |                         |                |                | 23             |             |
|                 |       | M <sub>3</sub> |     | 53.5 |    |               |                         |                |                | 19             |             |
|                 |       | M <sub>4</sub> |     | 57.8 |    |               |                         |                |                | 17             |             |
| 1. Nov.         | Z     | iPg            | 13  | 27   | 27 |               |                         |                |                |                |             |
| III             | Z     | i              |     | 27   | 32 |               |                         |                |                |                |             |
|                 | N     | iL             |     | 27   | 41 |               |                         |                |                |                |             |
| 1. Nov.         | Z     | eP             | 16  | 16   | 54 |               |                         |                |                |                | 1400        |
| IV              | N     | iS             |     | 19   | 22 |               |                         |                |                |                |             |
|                 | Z     | i              |     | 20   | 42 |               |                         |                |                |                |             |
|                 | Z     | i              |     | 21   | 03 |               |                         |                |                |                |             |
|                 |       | M              |     | 21   | 10 |               |                         |                |                |                |             |

h = ca.  
60 km  
Herdgebiet  
nach USCGS:  
Vor der  
chilenischen  
Küste  
38.5° S,  
75.1° W

Herdgebiet  
nach BCIS:  
Grenzgebiet  
Griechen-  
land -  
Jugoslawien



| Datum   | Komp. | Phase | MGZ |      |    | Periode<br>Ts | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km   | Bemerkungen |
|---------|-------|-------|-----|------|----|---------------|-------------------------|----------------|----------------|--|-------------|
|         |       |       | h   | m    | s  |               | A <sub>N</sub>          | A <sub>E</sub> | A <sub>Z</sub> |  |             |
| 2. Nov. | Z     | 1Pg   | 14  | 01   | 42 |               |                         |                | ca.50          |  |             |
| I       | N     | 1Sg   |     | 01   | 48 |               |                         |                |                |  |             |
|         | N     | 1L    |     | 01   | 52 |               |                         |                |                |  |             |
|         |       | M     |     | 01   | 55 |               |                         |                |                |  |             |
| 2. Nov. | Z     | 1P    | 16  | 42   | 39 |               |                         |                |                |  |             |
| II      | Z     | i     |     | 42   | 55 |               |                         |                |                |  |             |
| 2. Nov. | Z     | 1PKP  | 17  | 34   | 08 |               |                         |                | 15000          | Herdgebiet nach USCGS: Santa Cruz-Inseln                                 |             |
| III     | Z     | 1PP   |     | 36   | 40 |               |                         |                |                |  |             |
|         | Z     | 1SKP  |     | 37   | 36 |               |                         |                |                |  |             |
|         | Z     | 1PKKP |     | 44   | 52 |               |                         |                |                |  |             |
|         |       | M     | 18  | 32.5 |    | 34            |                         |                |                |  |             |
| 2. Nov. | Z     | i     | 18  | 28   | 18 |               |                         |                |                |  |             |
| IV      | Z     | i     |     | 28   | 29 |               |                         |                |                |  |             |
| 3. Nov. | Z     | 1PKP  | 03  | 02   | 46 |               |                         |                |                |  |             |
|         | Z     | i     |     | 02   | 50 |               |                         |                |                |  |             |
| 4. Nov. | Z     | i     | 13  | 00   | 58 |               |                         |                |                |  |             |
| I       | Z     | i     |     | 01   | 04 |               |                         |                |                |  |             |
| 4. Nov. | Z     | 1Pn   | 14  | 02   | 16 |               |                         |                | 160            | Sprengung südlich von Kassel<br>51 1/4° N,<br>9 1/2° E<br>(BCIS)         |             |
| II      | E     | 1Pg   |     | 02   | 18 |               |                         |                |                |  |             |
|         | Z     | 1Sn   |     | 02   | 35 |               |                         |                |                |  |             |
|         | Z     | 1Sg   |     | 02   | 37 |               |                         |                |                |  |             |
|         | Z     | i     |     | 02   | 46 |               |                         |                |                |  |             |
|         | E     | i     |     | 02   | 58 |               |                         |                |                |  |             |
| 5. Nov. | Z     | i     | 14  | 15   | 48 |               |                         |                |                |  |             |
| I       | Z     | i     |     | 15   | 50 |               |                         |                |                |  |             |
|         | Z     | i     |     | 15   | 55 |               |                         |                |                |  |             |
| 5. Nov. | Z     | eP    | 20  | 24   | 10 |               |                         |                | 1550           | Herdgebiet nach BCIS und USCGS: Nord-Griechenland<br>39.4° N,<br>20.5° E |             |
| II      | N     | i     |     | 24   | 17 |               |                         |                |                |  |             |
|         | E     | eS    |     | 26   | 52 |               |                         |                |                |  |             |
|         | E     | 1SS   |     | 27   | 03 |               |                         |                |                |  |             |
|         | N     | i     |     | 27   | 09 |               |                         |                |                |  |             |
|         | E     | 1SSS  |     | 27   | 19 |               |                         |                |                |  |             |
|         | N     | eL    |     | 28   | 23 |               |                         |                |                |  |             |
|         |       | M     |     | 28.8 |    | 4             |                         |                |                |  |             |
|         | Z     | 1PcP  |     | 29   | 22 |               |                         |                |                |  |             |

| Datum   | Komp. | Phase | MGZ |      |      | Periode<br>Ts | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km                     | Bemerkungen |
|---------|-------|-------|-----|------|------|---------------|-------------------------|----------------|----------------|------------------------------------|-------------|
|         |       |       | h   | m    | s    |               | A <sub>N</sub>          | A <sub>E</sub> | A <sub>Z</sub> |                                    |             |
| 6. Nov. | Z     | 1P    | 04  | 49   | 43   |               |                         |                | 8100           | Herdgebiet nach USCGS: Kamtschatka |             |
| I       | Z     | 1pP   |     | 50   | 00   |               |                         |                |                |                                    |             |
|         | Z     | 1FP   |     | 52   | 27   |               |                         |                |                |                                    |             |
|         | N     | 1S    |     | 59   | 05   |               |                         |                |                |                                    |             |
|         | N     | e     |     | 59   | 14   |               |                         |                |                |                                    |             |
|         | N     | 1sS   |     | 59   | 24   |               |                         |                |                |                                    |             |
|         | N     | eFS   |     | 59   | 41   |               |                         |                |                |                                    |             |
|         | N     | eL    | 05  | 21.5 |      | 14            |                         |                |                |                                    |             |
|         |       | M     |     | 27.6 |      |               |                         |                |                |                                    |             |
| 6. Nov. | Z     | i     | 06  | 35   | 19   |               |                         |                |                |                                    |             |
| II      | Z     | i     |     | 35   | 34   |               |                         |                |                |                                    |             |
| 6. Nov. | Z     | 1P    | 22  | 21   | 54   |               |                         |                | 8600           | Herdgebiet nach USCGS: Aleuten     |             |
| III     | Z     | 1PcP  |     | 22   | 05   |               |                         |                |                |                                    |             |
|         | Z     | i     |     | 22   | 23   |               |                         |                |                |                                    |             |
|         | N     | 1FP   |     | 24   | 50   |               |                         |                | ca.30          |                                    |             |
| 7. Nov. | N     | 1Pg   | 12  | 48   | 20   |               |                         |                |                |                                    |             |
|         | N     | 1Sg   |     | 48   | 24   |               |                         |                |                |                                    |             |
|         | N     | 1L    |     | 48   | 29   |               |                         |                |                |                                    |             |
| 8. Nov. | Z     | i     | 03  | 38   | 31   |               |                         |                |                |                                    |             |
| I       | Z     | i     |     | 38   | 34   |               |                         |                |                |                                    |             |
| 8. Nov. | Z     | i     | 05  | 29   | 07   |               |                         |                |                |                                    |             |
| II      |       |       |     |      |      |               |                         |                |                |                                    |             |
| 8. Nov. | Z     | 1P    | 05  | 34   | 04   |               |                         |                |                |                                    |             |
| III     |       |       |     |      |      |               |                         |                |                |                                    |             |
| 9. Nov. | Z     | e     | 03  | 37   | 33   |               |                         |                |                |                                    |             |
| I       | Z     | e     |     | 37   | 45   |               |                         |                |                |                                    |             |
| 9. Nov. | Z     | 1P    | 10  | 54   | 30   |               |                         |                | 7400           | Herdgebiet nach USCGS: China       |             |
| II      | Z     | i     |     | 54   | 44   |               |                         |                |                |                                    |             |
|         | Z     | 1PP   |     | 56   | 58   |               |                         |                |                |                                    |             |
|         | E     | eS    | 11  | 03   | 15   |               |                         |                |                |                                    |             |
|         | N     | ePS   |     | 04   | 05   |               |                         |                |                |                                    |             |
|         |       | M     |     | 21.1 |      | 14            |                         |                | ca.30          |                                    |             |
| 9. Nov. | Z     | 1Pg   | 20  | 14   | 24   |               |                         |                |                |                                    |             |
| III     | Z     | 1Sg   |     | 14   | 28   |               |                         |                |                |                                    |             |
|         | Z     | 1L    |     | 14   | 31.5 |               |                         |                |                |                                    |             |



| Datum           | Komp.          | Phase  | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|-----------------|----------------|--------|-----|------|----|---------------------------|-------------------------|----------------|----------------|---|-------------|
|                 |                |        | h   | m    | s  |                           | A <sub>H</sub>          | A <sub>M</sub> | A <sub>S</sub> |   |             |
| 10. Nov.<br>I   | Z              | iP     | 02  | 02   | 42 |                           |                         |                |                |   |             |
|                 | Z              | ipP    |     | 03   | 30 |                           |                         |                |                |   |             |
|                 | Z              | i      |     | 03   | 59 |                           |                         |                |                |   |             |
|                 | Z              | i      |     | 04   | 10 |                           |                         |                |                |   |             |
|                 | Z              | e(FP)  |     | 04   | 43 |                           |                         |                |                |   |             |
| 10. Nov.<br>II  | Z              | iP     | 05  | 39   | 38 |                           |                         |                |                |   |             |
|                 | Z              | e      |     | 40   | 26 |                           |                         |                |                |   |             |
|                 | Z              | i      |     | 40   | 55 |                           |                         |                |                |   |             |
| 10. Nov.<br>III | Z              | ePKP   | 15  | 03   | 13 |                           |                         |                | 13000          | Herdgebiet<br>nach USCGS:<br>Neu-Guinea   |             |
|                 | Z              | i      |     | 03   | 27 |                           |                         |                |                |   |             |
|                 | Z              | i      |     | 03   | 53 |                           |                         |                |                |   |             |
|                 | Z              | iPP    |     | 04   | 24 |                           |                         |                |                |   |             |
|                 | Z              | i      |     | 04   | 54 |                           |                         |                |                |   |             |
|                 | Z              | i(FPP) |     | 06   | 57 |                           |                         |                |                |   |             |
|                 | Z              | i      |     | 07   | 12 |                           |                         |                |                |   |             |
| 11. Nov.<br>I   | Z              | eP     | 05  | 34   | 57 |                           |                         |                | 1500           | Herdgebiet<br>nach USCGS:<br>Grenzgebiet<br>Albanien -<br>Griechenland<br>39.3° N,<br>20.8° E |             |
|                 | Z              | iPP    |     | 35   | 11 |                           |                         |                |                |   |             |
|                 | N              | iS     |     | 37   | 33 |                           |                         |                |                |   |             |
|                 | E              | iSS    |     | 37   | 51 |                           |                         |                |                |   |             |
|                 | Z              | iSSS   |     | 38   | 06 |                           |                         |                |                |   |             |
|                 | Z              | iL     |     | 38   | 50 |                           |                         |                |                |   |             |
|                 | Z              | eL     |     | 39   | 28 |                           |                         |                |                |   |             |
|                 | M              |        |     | 40.0 |    |                           |                         |                |                |   |             |
| 11. Nov.<br>II  | Z              | iP     | 13  | 56   | 33 | 12                        |                         |                |                |   |             |
| 13. Nov.        | Z              | iP     | 09  | 32   | 31 |                           |                         |                | 8700           | Herdgebiet<br>nach USCGS:<br>Fox-Inseln<br>(Aleuten)<br>51.4° N,<br>168.8° W                  |             |
|                 | Z              | iPcP   |     | 32   | 39 |                           |                         |                |                |   |             |
|                 | Z              | i      |     | 34   | 08 |                           |                         |                |                |   |             |
|                 | Z              | iPP    |     | 35   | 24 |                           |                         |                |                |   |             |
|                 | E              | eS     |     | 42   | 21 |                           |                         |                |                |   |             |
|                 | E              | iScS   |     | 42   | 46 |                           |                         |                |                |   |             |
|                 | N              | iPS    |     | 43   | 04 |                           |                         |                |                |   |             |
|                 | E              | eL     |     | 54.5 |    |                           |                         |                |                |   |             |
|                 | M <sub>1</sub> |        | 10  | 05.0 |    |                           |                         |                |                |   |             |
| M <sub>2</sub>  |                |        | 23  | 04   | 12 |                           |                         |                |                |   |             |
| 14. Nov.<br>I   | Z              | iPKP   | 18  | 12   | 15 |                           |                         |                |                |   |             |

| Datum           | Komp. | Phase | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|-----------------|-------|-------|-----|----|----|---------------------------|-------------------------|----------------|----------------|---|-------------|
|                 |       |       | h   | m  | s  |                           | A <sub>H</sub>          | A <sub>M</sub> | A <sub>S</sub> |   |             |
| 14. Nov.<br>II  | Z     | i     | 20  | 52 | 40 |                           |                         |                |                |   |             |
|                 | Z     | i     |     | 52 | 42 |                           |                         |                |                |   |             |
|                 | Z     | i     |     | 52 | 49 |                           |                         |                |                |   |             |
| 15. Nov.        | Z     | iP    | 09  | 16 | 48 |                           |                         |                |                |   |             |
|                 | Z     | i     |     | 17 | 07 |                           |                         |                |                |   |             |
| 16. Nov.<br>I   | Z     | iPKP  | 01  | 42 | 05 |                           |                         |                |                |   |             |
|                 | Z     | i     |     | 42 | 15 |                           |                         |                |                |   |             |
|                 | Z     | i     |     | 43 | 04 |                           |                         |                |                |   |             |
| 16. Nov.<br>II  | Z     | iP    | 23  | 09 | 04 |                           |                         |                | 6000           | Herdgebiet<br>nach USCGS:<br>Provinz<br>Sinkiang<br>(China) |             |
|                 | Z     | ipP   |     | 09 | 15 |                           |                         |                |                |   |             |
|                 | Z     | i     |     | 09 | 21 |                           |                         |                |                |   |             |
|                 | Z     | iPcP  |     | 10 | 10 |                           |                         |                |                |   |             |
|                 | Z     | i     |     | 10 | 25 |                           |                         |                |                |   |             |
| 17. Nov.<br>I   | Z     | iP    | 19  | 58 | 39 |                           |                         |                |                |   |             |
|                 | Z     | i     |     | 58 | 50 |                           |                         |                |                |   |             |
| 17. Nov.<br>II  | Z     | iPKP  | 21  | 42 | 40 |                           |                         |                |                |   |             |
|                 | Z     | e     |     | 42 | 56 |                           |                         |                |                |   |             |
| 18. Nov.<br>I   | Z     | i     | 06  | 08 | 14 |                           |                         |                |                |   |             |
|                 | Z     | i     |     | 08 | 50 |                           |                         |                |                |   |             |
| 18. Nov.<br>II  | Z     | i(Pn) | 22  | 45 | 55 |                           |                         |                |                |   |             |
|                 | Z     | i     |     | 46 | 06 |                           |                         |                |                |   |             |
|                 | Z     | i(Sn) |     | 47 | 03 |                           |                         |                |                |   |             |
|                 | Z     | i     |     | 47 | 21 |                           |                         |                |                |   |             |
| 19. Nov.<br>I   | Z     | i(Sg) |     | 47 | 38 |                           |                         |                |                |   |             |
|                 | Z     | iPKP  | 07  | 23 | 33 |                           |                         |                |                |   |             |
| 19. Nov.<br>II  | Z     | i(Pg) | 10  | 14 | 34 |                           |                         |                |                |   |             |
|                 | Z     | iSg   |     | 15 | 16 |                           |                         |                |                |   |             |
| 19. Nov.<br>III | E     | i     | 11  | 13 | 51 |                           |                         |                |                |   |             |
|                 | E     | i     |     | 13 | 53 |                           |                         |                |                |   |             |
| 20. Nov.        | Z     | iP    | 22  | 15 | 27 |                           |                         |                |                |   | 10700       |
|                 | Z     | i     |     | 15 | 39 |                           |                         |                |                |   |             |
|                 | Z     | i(FP) |     | 19 | 33 |                           |                         |                |                |   |             |
|                 | E     | eSKKS |     | 26 | 10 |                           |                         |                |                |   |             |
|                 | E     | eS    |     | 27 | 00 |                           |                         |                |                |   |             |
|                 |       |       |     |    |    |                           |                         |                |                |   |             |



| Datum    | Komp. | Phase             | MGZ |      |    | Periode<br>Ts | Amplitude $\mu\text{m}$ |       |        | $\Delta$<br>km   | Bemerkungen |
|----------|-------|-------------------|-----|------|----|---------------|-------------------------|-------|--------|--|-------------|
|          |       |                   | h   | m    | s  |               | $A_H$                   | $A_B$ | $A_G$  |  |             |
| noch     |       |                   |     |      |    |               |                         |       |        |  |             |
| 20. Nov. | E     | ePPS              |     | 28.8 |    |               |                         |       |        |  |             |
|          | E     | e                 |     | 34.3 |    |               |                         |       |        |  |             |
|          | E     | eL                |     | 47.0 |    |               |                         |       |        |  |             |
|          |       | M <sub>1</sub>    |     | 53.0 | 27 |               |                         |       |        |  |             |
|          |       | M <sub>2</sub>    | 23  | 06.8 | 18 |               |                         |       |        |  |             |
| 21. Nov. | Z     | iPg               | 05  | 07   | 58 |               |                         |       | ca. 50 |  |             |
|          | Z     | iSg               |     | 08   | 04 |               |                         |       |        |  |             |
|          | Z     | i                 |     | 08   | 08 |               |                         |       |        |  |             |
| 22. Nov. | Z     | iPKP <sub>1</sub> | 03  | 51   | 40 |               |                         |       | 16000  | Herdgebiet<br>nach USCGS:<br>Tonga-Inseln  |             |
|          | Z     | iPKP <sub>2</sub> |     | 51   | 50 |               |                         |       |        |  |             |
|          | Z     | iSKP              |     | 55   | 16 |               |                         |       |        |  |             |
|          | Z     | i                 |     | 55   | 51 |               |                         |       |        |  |             |
|          | E     | iSKKS             | 04  | 02   | 36 |               |                         |       |        |  |             |
| 23. Nov. | Z     | ePKP              | 14  | 32   | 12 |               |                         |       | 17000  | Herdgebiet<br>nach USCGS:<br>Südlich der<br>Tonga-Inseln<br>24.4° S,<br>176.1° W |             |
| I        | Z     | i                 |     | 32   | 18 |               |                         |       |        |  |             |
|          | Z     | i                 |     | 32   | 23 |               |                         |       |        |  |             |
|          | E     | i                 |     | 32   | 52 |               |                         |       |        |  |             |
|          | Z     | iPP               |     | 36   | 02 |               |                         |       |        |  |             |
|          | E     | iSKKS             |     | 43   | 37 |               |                         |       |        |  |             |
|          | E     | e                 |     | 51   | 19 |               |                         |       |        |  |             |
|          | E     | eSS               |     | 55   | 27 |               |                         |       |        |  |             |
|          | E     | eL                | 15  | 19.5 |    |               |                         |       |        |  |             |
|          |       | M <sub>1</sub>    |     | 42.0 | 20 |               |                         |       |        |  |             |
|          |       | M <sub>2</sub>    |     | 48.5 | 18 |               |                         |       |        |  |             |
| 23. Nov. | Z     | iPKP <sub>1</sub> | 18  | 16   | 26 |               |                         |       | 17000  | Nachstoß   |             |
| II       | Z     | i                 |     | 16   | 33 |               |                         |       |        |  |             |
|          | Z     | iPKP <sub>2</sub> |     | 16   | 42 |               |                         |       |        |  |             |
|          | Z     | e                 |     | 17   | 38 |               |                         |       |        |  |             |
|          | Z     | iPP               |     | 20   | 10 |               |                         |       |        |  |             |
|          | Z     | e                 |     | 20   | 23 |               |                         |       |        |  |             |
|          | E     | eSKKS             |     | 27   | 30 |               |                         |       |        |  |             |
|          | E     | ePSKS             |     | 30   | 32 |               |                         |       |        |  |             |
| 23. Nov. | Z     | iPKP              | 21  | 33   | 13 |               |                         |       |        |  |             |
| III      | Z     | i                 |     | 33   | 20 |               |                         |       |        |  |             |
| 24. Nov. | Z     | iPKP              | 05  | 08   | 59 |               |                         |       |        |  |             |
| I        | Z     | i                 |     | 09   | 05 |               |                         |       |        |  |             |
|          | Z     | eFP               |     | 10   | 47 |               |                         |       |        |  |             |

| Datum    | Komp. | Phase             | MGZ |      |    | Periode<br>Ts | Amplitude $\mu\text{m}$ |       |        | $\Delta$<br>km   | Bemerkungen |
|----------|-------|-------------------|-----|------|----|---------------|-------------------------|-------|--------|--|-------------|
|          |       |                   | h   | m    | s  |               | $A_H$                   | $A_B$ | $A_G$  |  |             |
| 24. Nov. | Z     | iPKP <sub>1</sub> | 07  | 12   | 33 |               |                         |       | 17000  | Weiterer<br>Nachstoß<br>Tonga-Inseln                               |             |
| II       | Z     | i                 |     | 12   | 46 |               |                         |       |        |  |             |
|          | Z     | iPKP <sub>2</sub> |     | 12   | 58 |               |                         |       |        |  |             |
|          | Z     | iPP               |     | 16   | 30 |               |                         |       |        |  |             |
|          | Z     | iPPP              |     | 19   | 46 |               |                         |       |        |  |             |
|          | E     | e                 |     | 22   | 06 |               |                         |       |        |  |             |
|          | E     | i                 |     | 23   | 13 |               |                         |       |        |  |             |
|          | E     | i                 |     | 23   | 44 |               |                         |       |        |  |             |
|          | E     | iPPS              |     | 29   | 24 |               |                         |       |        |  |             |
|          | E     | iSS               |     | 35   | 00 |               |                         |       |        |  |             |
|          | E     | eSPS              |     | 36   | 57 |               |                         |       |        |  |             |
|          | E     | eL                | 08  | 04.0 |    |               |                         |       |        |  |             |
|          |       | M <sub>1</sub>    |     | 22.1 | 21 |               |                         |       |        |  |             |
|          |       | M <sub>2</sub>    |     | 29.0 | 19 |               |                         |       |        |  |             |
|          |       | M <sub>3</sub>    |     | 34.4 | 19 |               |                         |       |        |  |             |
| 24. Nov. | Z     | iPKP              | 08  | 46   | 19 |               |                         |       |        |  |             |
| III      | Z     | i                 |     | 46   | 41 |               |                         |       |        |  |             |
|          |       |                   |     |      |    |               |                         |       | ca. 40 |  |             |
| 25. Nov. | Z     | iPg               | 01  | 35   | 08 |               |                         |       |        |  |             |
| I        | Z     | iSg               |     | 35   | 13 |               |                         |       |        |  |             |
|          | Z     | iL                |     | 35   | 17 |               |                         |       |        |  |             |
|          |       |                   |     |      |    |               |                         |       | ca. 40 |  |             |
| 25. Nov. | Z     | iPg               | 03  | 31   | 14 |               |                         |       |        |  |             |
| II       | Z     | iSg               |     | 31   | 19 |               |                         |       |        |  |             |
|          | Z     | iL                |     | 31   | 21 |               |                         |       |        |  |             |
|          |       |                   |     |      |    |               |                         |       | 8900   | h = ca.<br>100 km<br>Herdgebiet<br>nach USCGS:<br>Hondo<br>(Japan) |             |
| 25. Nov. | Z     | iP                | 22  | 06   | 12 |               |                         |       |        |  |             |
| III      | Z     | ipP               |     | 06   | 36 |               |                         |       |        |  |             |
|          | Z     | iPP               |     | 09   | 13 |               |                         |       |        |  |             |
|          | Z     | ipPP              |     | 09   | 34 |               |                         |       |        |  |             |
| 26. Nov. | Z     | i(Sn)             | 23  | 22   | 51 |               |                         |       |        |  |             |
|          | Z     | i                 |     | 23   | 03 |               |                         |       |        |  |             |
|          | Z     | i(Sg)             |     | 23   | 10 |               |                         |       |        |  |             |
| 28. Nov. | Z     | iP                | 19  | 52   | 50 |               |                         |       |        |  |             |
|          | Z     | e                 |     | 53   | 50 |               |                         |       |        |  |             |
| 29. Nov. | Z     | i                 | 11  | 19   | 11 |               |                         |       |        |  |             |
| I        | Z     | i                 |     | 19   | 12 |               |                         |       |        |  |             |
|          |       |                   |     |      |    |               |                         |       | ca. 60 |  |             |
| 29. Nov. | Z     | iPg               | 11  | 22   | 56 |               |                         |       |        |  |             |
| II       | Z     | iSg               |     | 23   | 03 |               |                         |       |        |  |             |
|          | Z     | iL                |     | 23   | 08 |               |                         |       |        |  |             |



| Datum           | Komp. | Phase  | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|-----------------|-------|--------|-----|------|----|---------------------------|-------------------------|----------------|----------------|---|-------------|
|                 |       |        | h   | m    | s  |                           | A <sub>H</sub>          | A <sub>M</sub> | A <sub>S</sub> |   |             |
| 29. Nov.        | Z     | 1Pg    | 13  | 00   | 47 |                           |                         |                | ca.25          |   |             |
| III             | Z     | 1Sg    |     | 00   | 50 |                           |                         |                |                |   |             |
|                 | Z     | 1L     |     | 00   | 52 |                           |                         |                |                |   |             |
| 29. Nov.        | Z     | 1P     | 14  | 19   | 15 |                           |                         |                |                |   |             |
| IV              | Z     | i      | 20  | 10   |    |                           |                         |                |                |   |             |
| <b>Dezember</b> |       |        |     |      |    |                           |                         |                |                |   |             |
| 1. Dez.         | Z     | 1Pg    | 11  | 45   | 18 |                           |                         |                | 230            | Herdgebiet nach BCIS: Grenzgebiet CSSR - Polen                                |             |
| I               | Z     | i(Sn)  |     | 45   | 38 |                           |                         |                |                |   |             |
|                 | Z     | 1Sg    |     | 45   | 45 |                           |                         |                |                |   |             |
|                 | Z     | i      |     | 46   | 07 |                           |                         |                |                |   |             |
| 1. Dez.         | Z     | 1P     | 21  | 01   | 27 |                           |                         |                | 8300           | Herdgebiet nach USCGS: Vancouver-Insel  |             |
| II              | Z     | 1PcP   |     | 01   | 42 |                           |                         |                |                |   |             |
|                 | Z     | 1(PF)  |     | 04   | 48 |                           |                         |                |                |   |             |
|                 | E     | eS     |     | 11   | 12 |                           |                         |                |                |   |             |
|                 | E     | M      |     | 52.5 |    | 18                        |                         |                |                |   |             |
| 2. Dez.         | Z     | 1Pg    | 13  | 14   | 11 |                           |                         |                | ca.40          |   |             |
| I               | Z     | 1Sg    |     | 14   | 16 |                           |                         |                |                |   |             |
|                 | E     | 1L     |     | 14   | 21 |                           |                         |                |                |   |             |
| 2. Dez.         | Z     | 1Pg    | 18  | 35   | 34 |                           |                         |                | ca.25          |   |             |
| II              | Z     | 1Sg    |     | 35   | 37 |                           |                         |                |                |   |             |
|                 | N     | 1L     |     | 35   | 40 |                           |                         |                |                |   |             |
| 3. Dez.         | Z     | 1P     | 04  | 34   | 19 |                           |                         |                | 6700           | h = ca. 60 km<br>Herdgebiet nach USCGS: Altai-Gebirge<br>42.9° N,<br>104.4° E |             |
| I               | Z     | 1pP    |     | 34   | 41 |                           |                         |                |                |   |             |
|                 | Z     | 1(PcP) |     | 35   | 16 |                           |                         |                |                |   |             |
|                 | Z     | 1PP    |     | 36   | 24 |                           |                         |                |                |   |             |
|                 | Z     | 1(PPP) |     | 37   | 39 |                           |                         |                |                |   |             |
|                 | Z     | i      |     | 39   | 57 |                           |                         |                |                |   |             |
|                 | E     | 1S     |     | 42   | 20 |                           |                         |                |                |   |             |
|                 | Z     | eSP    |     | 42   | 35 |                           |                         |                |                |   |             |
|                 | E     | i      |     | 46   | 06 |                           |                         |                |                |   |             |
|                 | E     | 1(SS)  |     | 47   | 03 |                           |                         |                |                |   |             |
|                 | Z     | i      |     | 50   | 27 |                           |                         |                |                |   |             |
|                 | E     | i      |     | 51   | 28 |                           |                         |                |                |   |             |
|                 | Z     | i      |     | 52   | 51 |                           |                         |                |                |   |             |
|                 | Z     | i      |     | 56   | 00 |                           |                         |                |                |   |             |
|                 | E     | 1L     |     | 59   | 45 |                           |                         |                |                |   |             |
|                 |       | M      | 05  | 02.2 |    | 12                        |                         |                |                |   |             |

| Datum   | Komp. | Phase | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km                                  | Bemerkungen |
|---------|-------|-------|-----|----|----|---------------------------|-------------------------|----------------|----------------|---|-------------|
|         |       |       | h   | m  | s  |                           | A <sub>H</sub>          | A <sub>M</sub> | A <sub>S</sub> |   |             |
| 3. Dez. | Z     | 1P    | 20  | 29 | 29 |                           |                         |                |                |   |             |
| II      | Z     | 1PP   |     | 31 | 18 |                           |                         |                |                |   |             |
| 4. Dez. | Z     | i     | 04  | 32 | 49 |                           |                         |                |                |   |             |
| I       | Z     | i     |     | 33 | 30 |                           |                         |                |                |   |             |
|         | N     | 1Sn   |     | 34 | 14 |                           |                         |                |                |   |             |
| 4. Dez. | Z     | 1PKP  | 24  | 14 | 20 |                           |                         |                |                |   |             |
| II      | Z     | 1PP   |     | 17 | 03 |                           |                         |                |                |   |             |
| 5. Dez. | Z     | 1Pg   | 11  | 17 | 56 |                           |                         |                | ca.25          |   |             |
| I       | Z     | 1Sg   |     | 17 | 59 |                           |                         |                |                |   |             |
|         | Z     | M     |     | 18 | 05 |                           |                         |                |                | ca.30   |             |
| 5. Dez. | N     | 1Pg   | 12  | 19 | 31 |                           |                         |                |                |   |             |
| II      | N     | 1Sg   |     | 19 | 35 |                           |                         |                |                |   |             |
|         | N     | 1L    |     | 19 | 41 |                           |                         |                |                |   |             |
| 5. Dez. | Z     | i     | 16  | 37 | 41 |                           |                         |                |                |   |             |
| III     | Z     | i     |     | 37 | 47 |                           |                         |                |                |   |             |
| 5. Dez. | Z     | 1P    | 18  | 01 | 02 |                           |                         |                |                |   |             |
| IV      |       |       |     |    |    |                           |                         |                |                |   |             |
| 5. Dez. | Z     | 1P    | 18  | 18 | 48 |                           |                         |                |                |   |             |
| V       | Z     | i     |     | 18 | 57 |                           |                         |                |                | 2200 Herdgebiet nach BCIS: Straße von Gibraltar |             |
| 5. Dez. | Z     | 1P    | 21  | 26 | 28 |                           |                         |                |                |   |             |
| VI      | Z     | i     |     | 26 | 31 |                           |                         |                |                |   |             |
|         | Z     | 1PP   |     | 26 | 42 |                           |                         |                |                |   |             |
|         | E     | 1(SS) |     | 30 | 11 |                           |                         |                |                |   |             |
|         | E     | 1(SS) |     | 30 | 50 |                           |                         |                |                |   |             |
|         | Z     | M     |     | 33 | 06 |                           |                         |                |                | Herdgebiet nach USCGS: Küstengebiet von Panama  |             |
| 6. Dez. | Z     | 1P    | 09  | 09 | 13 |                           |                         |                |                |   |             |
| I       | Z     | 1pP   |     | 10 | 04 |                           |                         |                |                |   |             |
|         | Z     | i     |     | 13 | 40 |                           |                         |                |                |   |             |
|         | Z     | 1pPP  |     | 14 | 26 |                           |                         |                |                |   |             |
| 6. Dez. | E     | i     | 12  | 44 | 28 |                           |                         |                |                |   |             |
| II      | E     | i     |     | 44 | 30 |                           |                         |                |                | ca.40   |             |
| 7. Dez. | Z     | 1Pg   | 11  | 44 | 32 |                           |                         |                |                |   |             |
| I       | Z     | 1Sg   |     | 44 | 37 |                           |                         |                |                |   |             |
|         | N     | 1L    |     | 44 | 44 |                           |                         |                |                |   |             |



| Datum    | Komp. | Phase             | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|----------|-------|-------------------|-----|----|----|---------------------------|-------------------------|----------------|----------------|---|-------------|
|          |       |                   | h   | m  | s  |                           | A <sub>H</sub>          | A <sub>B</sub> | A <sub>S</sub> |   |             |
| 7. Dez.  | Z     | i                 | 20  | 44 | 14 |                           |                         |                |                |   |             |
| II       | Z     | i                 |     | 46 | 04 |                           |                         |                |                |   |             |
|          | Z     | iM                |     | 46 | 54 |                           |                         |                |                |   |             |
| 8. Dez.  | Z     | iPKP              | 01  | 42 | 59 |                           |                         |                |                |   |             |
| I        | Z     | i                 | ✓   | 43 | 05 |                           |                         |                |                |   |             |
| 8. Dez.  | Z     | i                 | 05  | 42 | 47 |                           |                         |                |                |   |             |
| II       |       |                   |     |    |    |                           |                         |                |                |   |             |
| 9. Dez.  | Z     | iPg               | 09  | 48 | 59 |                           |                         |                | ca.65          |   |             |
| I        | Z     | iSg               |     | 49 | 07 |                           |                         |                |                |   |             |
|          | Z     | iL                |     | 49 | 10 |                           |                         |                |                |   |             |
| 9. Dez.  | Z     | iP                | 21  | 29 | 44 |                           |                         |                | 2400           | Herdgebiet nach USCGS: Jan Mayen                          |             |
| II       | Z     | i                 |     | 29 | 49 |                           |                         |                |                |   |             |
|          | Z     | ePP               |     | 30 | 10 |                           |                         |                |                |   |             |
| 11. Dez. | Z     | iPKP <sub>1</sub> | 00  | 20 | 39 |                           |                         |                | 17500          | Herdgebiet nach USCGS: Tonga-Inseln                       |             |
| I        | Z     | iPKP <sub>2</sub> |     | 21 | 18 |                           |                         |                |                |   |             |
|          | Z     | i                 |     | 22 | 18 |                           |                         |                |                |   |             |
|          | Z     | e                 |     | 24 | 30 |                           |                         |                |                |   |             |
| 11. Dez. | Z     | iPg               | 12  | 16 | 23 |                           |                         |                | ca.40          |   |             |
| II       | Z     | iSg               |     | 16 | 28 |                           |                         |                |                |   |             |
|          | E     | iL                |     | 16 | 33 |                           |                         |                |                |   |             |
|          | Z     | i                 |     | 16 | 40 |                           |                         |                |                |   |             |
| 11. Dez. | Z     | iPKP              | 19  | 12 | 21 |                           |                         |                | 15500          | Herdgebiet nach USCGS: Neue Hebriden                      |             |
| III      | Z     | iPP               |     | 15 | 32 |                           |                         |                |                |   |             |
|          | Z     | iPKS              |     | 16 | 05 |                           |                         |                |                |   |             |
| 12. Dez. | Z     | i                 | 11  | 11 | 28 |                           |                         |                |                |   |             |
| I        |       |                   |     |    |    |                           |                         |                |                |   |             |
| 12. Dez. | Z     | iPg               | 13  | 44 | 48 |                           |                         |                | ca.55          |   |             |
| II       | Z     | iSg               |     | 44 | 55 |                           |                         |                |                |   |             |
| 13. Dez. | Z     | ePKP <sub>1</sub> | 07  | 56 | 32 |                           |                         |                | 18000          | Herdgebiet nach USCGS: Macquarie-Inseln 52.7° S, 159.1° E |             |
| I        | Z     | e                 |     | 56 | 41 |                           |                         |                |                |   |             |
|          | Z     | i                 |     | 57 | 16 |                           |                         |                |                |   |             |
|          | Z     | i                 |     | 57 | 29 |                           |                         |                |                |   |             |
|          | Z     | iPKP <sub>2</sub> |     | 57 | 42 |                           |                         |                |                |   |             |
|          | Z     | iSKP              |     | 59 | 26 |                           |                         |                |                |   |             |
|          | Z     | iPP               | 08  | 01 | 15 |                           |                         |                |                |   |             |
|          | Z     | e                 |     | 02 | 33 |                           |                         |                |                |   |             |

| Datum    | Komp. | Phase          | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen   |
|----------|-------|----------------|-----|------|----|---------------------------|-------------------------|----------------|----------------|----------------|---|
|          |       |                | h   | m    | s  |                           | A <sub>H</sub>          | A <sub>B</sub> | A <sub>S</sub> |                |   |
| noch     |       |                |     |      |    |                           |                         |                |                |                |   |
| 13. Dez. | Z     | ePPP           |     | 04   | 32 |                           |                         |                |                |                |   |
| I        | Z     | iSKKS          |     | 07   | 57 |                           |                         |                |                |                |   |
|          | E     | e              |     | 10   | 20 |                           |                         |                |                |                |   |
|          | N     | e              |     | 18   | 40 |                           |                         |                |                |                |   |
|          | E     | e              |     | 22   | 30 |                           |                         |                |                |                |   |
|          | E     | e              |     | 28   | 15 |                           |                         |                |                |                |   |
|          | E     | eL             |     | 51.5 |    |                           |                         |                |                |                |   |
|          |       | M <sub>1</sub> | 09  | 13.0 |    | 30                        |                         |                |                |                |   |
|          |       | M <sub>2</sub> |     | 29.2 |    | 18                        |                         |                |                |                |   |
| 13. Dez. | Z     | i              | 09  | 22   | 49 |                           |                         |                |                |                |   |
| II       | Z     | i              |     | 22   | 53 |                           |                         |                |                |                |   |
|          | Z     | i              |     | 23   | 23 |                           |                         |                |                |                |   |
| 13. Dez. | Z     | iP             | 10  | 18   | 22 |                           |                         |                |                | 10000          | Herdgebiet nach USCGS: Bonin-Inseln                             |
| III      | Z     | ipP            |     | 18   | 28 |                           |                         |                |                |                |   |
|          | Z     | iPP            |     | 21   | 56 |                           |                         |                |                |                |   |
|          | Z     | ipPP           |     | 22   | 06 |                           |                         |                |                |                |   |
| 14. Dez. | E     | i              | 11  | 51   | 46 |                           |                         |                |                |                |   |
| I        | E     | i              |     | 51   | 48 |                           |                         |                |                |                |   |
| 14. Dez. | Z     | iP             | 24  | 05   | 19 |                           |                         |                |                | 11400          | h = ca. 80 km<br>Herdgebiet nach USCGS: Molukken 3° N, 126.3° E |
| II       | Z     | ipP            |     | 05   | 50 |                           |                         |                |                |                |   |
|          | Z     | i              |     | 08   | 37 |                           |                         |                |                |                |   |
|          | Z     | i(PF)          |     | 09   | 19 |                           |                         |                |                |                |   |
|          | Z     | ipPP           |     | 09   | 52 |                           |                         |                |                |                |   |
|          | Z     | iPPP           |     | 11   | 42 |                           |                         |                |                |                |   |
|          | Z     | i              |     | 13   | 04 |                           |                         |                |                |                |   |
|          | E     | iSKS           |     | 15   | 49 |                           |                         |                |                |                |   |
|          | Z     | i              |     | 18   | 21 |                           |                         |                |                |                |   |
|          | Z     | iSFP           |     | 19   | 25 |                           |                         |                |                |                |   |
| 16. Dez. | N     | iPg            | 11  | 49   | 48 |                           |                         |                |                | ca.40          |   |
|          | N     | iSg            |     | 49   | 52 |                           |                         |                |                |                |   |
|          | N     | iL             |     | 49   | 55 |                           |                         |                |                |                |   |
| 17. Dez. | Z     | iPP            | 10  | 54   | 37 |                           |                         |                |                |                |   |
| I        | Z     | i              |     | 55   | 09 |                           |                         |                |                |                |   |
|          | E     | iS             | 11  | 00   | 39 |                           |                         |                |                |                |   |
| 17. Dez. | Z     | iP             | 16  | 56   | 35 |                           |                         |                |                |                |   |
| II       | Z     | i              |     | 56   | 49 |                           |                         |                |                |                |   |
|          | Z     | i              |     | 57   | 16 |                           |                         |                |                |                |   |





| Datum    | Komp. | Phase | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|----------|-------|-------|-----|----|----|---------------------------|-------------------------|----------------|----------------|---|-------------|
|          |       |       | h   | m  | s  |                           | A <sub>H</sub>          | A <sub>G</sub> | A <sub>S</sub> |   |             |
| 18. Dez. | Z     | i     | 01  | 55 | 06 |                           |                         |                | 730            | Herdgebiet nach BCIS: Jugoslawische Küste                   |             |
| I        | Z     | i(Pg) |     | 55 | 22 |                           |                         |                |                |   |             |
|          | Z     | iSn   |     | 56 | 06 |                           |                         |                |                |   |             |
|          | E     | iSg   |     | 56 | 50 |                           |                         |                |                |   |             |
|          | N     | iL    |     | 57 | 02 |                           |                         |                |                |   |             |
|          | N     | M     |     | 57 | 05 |                           |                         |                |                |   |             |
| 18. Dez. | Z     | iPn   | 02  | 00 | 10 |                           |                         |                | 730            | Dieselbe Herdlage   |             |
| II       | Z     | iPg   |     | 00 | 42 |                           |                         |                |                |   |             |
|          | Z     | iSn   |     | 01 | 21 |                           |                         |                |                |   |             |
|          | E     | i     |     | 01 | 48 |                           |                         |                |                |   |             |
|          | Z     | iSg   |     | 02 | 07 |                           |                         |                |                |   |             |
|          | N     | iL    |     | 02 | 16 |                           |                         |                |                |   |             |
|          | N     | M     |     | 02 | 23 |                           |                         |                |                |   |             |
| 19. Dez. | Z     | iPKP  | 07  | 19 | 29 |                           |                         |                |                |   |             |
| I        | Z     | i     |     | 19 | 36 |                           |                         |                |                |   |             |
| 19. Dez. | Z     | iPn   | 14  | 36 | 32 |                           |                         |                | 850            | Herdgebiet nach BCIS: Etruskischer Apennin 44.5° N, 11.0° E |             |
| II       | Z     | i     |     | 36 | 57 |                           |                         |                |                |   |             |
|          | Z     | i     |     | 38 | 27 |                           |                         |                |                |   |             |
|          | Z     | i     |     | 38 | 35 |                           |                         |                |                |   |             |
|          | Z     | iSg   |     | 38 | 47 |                           |                         |                |                |   |             |
|          | E     | iL    |     | 38 | 53 |                           |                         |                |                |   |             |
| 20. Dez. | E     | i     | 14  | 22 | 39 |                           |                         |                |                |   |             |
|          | E     | i     |     | 22 | 41 |                           |                         |                |                |   |             |
| 21. Dez. | Z     | iP    | 14  | 50 | 38 |                           |                         |                | 7500           | h = ca. 130 km Herdgebiet nach USCGS: Alaska                |             |
|          | Z     | ipP   |     | 51 | 08 |                           |                         |                |                |   |             |
|          | Z     | i     |     | 52 | 57 |                           |                         |                |                |   |             |
|          | E     | eS    |     | 59 | 19 |                           |                         |                |                |   |             |
|          | E     | e(sS) | 15  | 00 | 22 |                           |                         |                |                |   |             |
|          |       |       |     |    |    |                           |                         |                |                |   |             |
| 22. Dez. | Z     | i     | 00  | 26 | 13 |                           |                         |                |                |   |             |
| I        | Z     | iSg   |     | 26 | 25 |                           |                         |                |                |   |             |
|          | Z     | M     |     | 26 | 31 |                           |                         |                |                |   |             |
| 22. Dez. | Z     | iP*   | 03  | 14 | 23 |                           |                         |                |                |   |             |
| II       | Z     | iP    |     | 14 | 27 |                           |                         |                |                |   |             |
|          | Z     | i     |     | 15 | 23 |                           |                         |                |                |   |             |
|          | Z     | e     |     | 19 | 14 |                           |                         |                |                |   |             |
| 22. Dez. | Z     | iPn   | 10  | 45 | 30 |                           |                         |                | 170            | Sprengung im Vogtland (Sachsen)                             |             |
| III      | Z     | iPg   |     | 45 | 33 |                           |                         |                |                |   |             |

| Datum    | Komp. | Phase | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km                   | Bemerkungen |
|----------|-------|-------|-----|----|----|---------------------------|-------------------------|----------------|----------------|----------------------------------|-------------|
|          |       |       | h   | m  | s  |                           | A <sub>H</sub>          | A <sub>G</sub> | A <sub>S</sub> |                                  |             |
| noch     |       |       |     |    |    |                           |                         |                |                |                                  |             |
| 22. Dez. | Z     | iSn   |     | 45 | 51 |                           |                         |                |                | 50 1/2° N, 12 1/2° E (BCIS)      |             |
| III      | Z     | iSg   |     | 45 | 53 |                           |                         |                |                |                                  |             |
|          | N     | iL    |     | 46 | 09 |                           |                         |                |                |                                  |             |
|          |       | M     |     | 46 | 20 | 2                         |                         |                |                |                                  |             |
| 22. Dez. | Z     | ePKP  | 21  | 20 | 58 |                           |                         |                |                |                                  |             |
| IV       | Z     | e     |     | 23 | 31 |                           |                         |                |                |                                  |             |
| 23. Dez. | Z     | iP    | 09  | 54 | 49 |                           |                         |                |                |                                  |             |
|          | Z     | ipP   |     | 55 | 09 |                           |                         |                |                |                                  |             |
|          | Z     | ePP   |     | 58 | 24 |                           |                         |                |                |                                  |             |
| 25. Dez. | Z     | iP    | 20  | 38 | 51 |                           |                         |                |                |                                  |             |
|          | Z     | ipP   |     | 39 | 07 |                           |                         |                |                |                                  |             |
|          | N     | iPcP  |     | 39 | 11 |                           |                         |                |                |                                  |             |
| 26. Dez. | Z     | ePKP  | 01  | 16 | 08 |                           |                         |                |                | ca.30                            |             |
|          | Z     | i     |     | 16 | 14 |                           |                         |                |                |                                  |             |
| 28. Dez. | Z     | iPg   | 13  | 13 | 08 |                           |                         |                |                | ca.30                            |             |
|          | Z     | iSg   |     | 13 | 12 |                           |                         |                |                |                                  |             |
|          | N     | iL    |     | 13 | 17 |                           |                         |                |                |                                  |             |
|          | N     | M     |     | 13 | 20 |                           |                         |                |                |                                  |             |
| 29. Dez. | Z     | iPKP  | 10  | 55 | 33 |                           |                         |                |                | Herdgebiet nach USCGS: Süd-Chile |             |
| I        | Z     | ipPKP |     | 55 | 43 |                           |                         |                |                |                                  |             |
|          | Z     | ePP   |     | 57 | 10 |                           |                         |                |                |                                  |             |
|          | Z     | ipPP  |     | 57 | 20 |                           |                         |                |                |                                  |             |
| 29. Dez. | Z     | iP    | 18  | 23 | 52 |                           |                         |                |                |                                  |             |
| II       | Z     | ePP   |     | 24 | 08 |                           |                         |                |                |                                  |             |
|          | Z     | i     |     | 24 | 49 |                           |                         |                |                |                                  |             |
| 30. Dez. | Z     | i     | 10  | 14 | 22 |                           |                         |                |                | ca.30                            |             |
| I        | Z     | i     |     | 14 | 30 |                           |                         |                |                |                                  |             |
| 30. Dez. | Z     | iPg   | 12  | 58 | 10 |                           |                         |                |                | ca.30                            |             |
| II       | Z     | iSg   |     | 58 | 14 |                           |                         |                |                |                                  |             |
|          | Z     | iL    |     | 58 | 20 |                           |                         |                |                |                                  |             |
| 31. Dez. | N     | i     | 10  | 19 | 50 |                           |                         |                |                | ca.40                            |             |
| I        | N     | i     |     | 19 | 52 |                           |                         |                |                |                                  |             |
| 31. Dez. | Z     | iPg   | 11  | 21 | 47 |                           |                         |                |                | ca.40                            |             |
| II       | Z     | iSg   |     | 21 | 52 |                           |                         |                |                |                                  |             |
|          | Z     | iL    |     | 21 | 58 |                           |                         |                |                |                                  |             |



### Seismische Station Plauen

Meereshöhe: 414 m  
 Untergrund: Tonschiefer

Länge:  $\lambda = 12^{\circ}09'50''$  E  
 Breite:  $\varphi = 50^{\circ}29'10''$  N

#### Instrumente

|                     |               |                       |                             |
|---------------------|---------------|-----------------------|-----------------------------|
| Krumbach 4 kg NW—SE | $T_0 = 2.5$ s | $\varepsilon:1 = 5.0$ | $V = 1800$                  |
| Krumbach 4 kg NE—SW | $T_0 = 2.5$ s | $\varepsilon:1 = 5.0$ | $V = 1800$                  |
| Krumbach 0.5 kg Z   | $T_S = 2.8$ s | $T_G = 1.8$ s         | $V_{\max} = 4000$ bei 1.3 s |



| Datum         | Komp. | Phase | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen  |
|---------------|-------|-------|-----|----|----|---------------------------|-------------------------|----------------|----------------|----------------|--|
|               |       |       | h   | m  | s  |                           | A <sub>g</sub>          | A <sub>g</sub> | A <sub>g</sub> |                |  |
| <u>Januar</u> |       |       |     |    |    |                           |                         |                |                |                |  |
| 3. Jan.       | Z     | eP    | 11  | 32 | 41 |                           |                         |                |                |                |  |
| I             | ZNWNE | e     |     | 32 | 46 |                           |                         |                |                |                |  |
|               |       | F     | 11  | 35 |    |                           |                         |                |                |                |  |
| 3. Jan.       | NW    | eP    | 11  | 49 | 26 |                           |                         |                |                |                |  |
| II            |       | F     | 11  | 55 |    |                           |                         |                |                |                |  |
| 3. Jan.       | ZNWNE | eP    | 20  | 22 | 09 |                           |                         |                |                |                | Herdgebiet<br>nach ECIS:<br>Tyrreni-<br>sches Meer |
| III           | ZNWNE | e     |     | 22 | 13 |                           |                         |                |                |                |  |
|               | NWNE  | e(S)  |     | 24 | 21 |                           |                         |                |                |                |  |
|               |       | F     | 20  | 30 |    |                           |                         |                |                |                |  |
| 4. Jan.       | ZNWNE | eP    | 12  | 54 | 37 |                           |                         |                |                |                |  |
|               | NW    | e     |     | 57 | 49 |                           |                         |                |                |                |  |
|               |       | F     | 13  | 07 |    |                           |                         |                |                |                |  |
| 6. Jan.       | ZNW   | e     | 15  | 18 | 52 |                           |                         |                |                |                | Herdgebiet<br>nach Rom:<br>Karnische<br>Alpen      |
|               | ZNW   | e(Sn) |     | 19 | 08 |                           |                         |                |                |                |  |
|               | ZNW   | e     |     | 19 | 15 |                           |                         |                |                |                |  |
|               | Z     | e     |     | 19 | 23 |                           |                         |                |                |                |  |
|               | ZNW   | i(Sg) |     | 19 | 37 |                           |                         |                |                |                |  |
|               |       | F     | 15  | 24 |    |                           |                         |                |                |                |  |
| 7. Jan.       | ZNWNE | e     | 14  | 48 | 39 |                           |                         |                |                |                |  |
| I             |       | F     | 14  | 51 |    |                           |                         |                |                |                |  |
| 7. Jan.       | NE    | e     | 16  | 55 | 23 |                           |                         |                |                |                |  |
| II            | NE    | e     |     | 55 | 55 |                           |                         |                |                |                |  |
|               |       | F     | 16  | 59 |    |                           |                         |                |                |                |  |
| 7. Jan.       | Z     | eP    | 23  | 29 | 40 |                           |                         |                |                |                |  |
| III           |       | F     | 23  | 31 |    |                           |                         |                |                |                |  |
| 8. Jan.       | Z     | ePKP  | 08  | 03 | 50 |                           |                         |                |                |                |  |
|               |       | F     | 08  | 07 |    |                           |                         |                |                |                |  |
| 9. Jan.       | NW    | eP    | 04  | 03 | 00 |                           |                         |                |                | 2100           | Herdgebiet<br>nach ECIS:<br>Südwest-<br>Türkei     |
| I             | NW    | e     |     | 04 | 30 |                           |                         |                |                |                |  |
|               | NW    | eS    |     | 06 | 30 |                           |                         |                |                |                |  |
|               |       | F     | 04  | 09 |    |                           |                         |                |                |                |  |
| 9. Jan.       | NW    | eP    | 07  | 31 | 43 |                           |                         |                |                |                |  |
| II            | NW    | e     |     | 31 | 47 |                           |                         |                |                |                |  |
|               | NW    | eFP   |     | 33 | 27 |                           |                         |                |                |                |  |
|               |       | F     | 07  | 48 |    |                           |                         |                |                |                |  |



| Datum           | Komp.                             | Phase                                    | MGZ |    |                                  | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen                                     |
|-----------------|-----------------------------------|--|-----|----|----------------------------------|---------------------------|-------------------------|----------------|----------------|----------------|---|
|                 |                                   |  | h   | m  | s                                |                           | A <sub>H</sub>          | A <sub>N</sub> | A <sub>S</sub> |                |   |
| 12. Jan.        | Z                                 | ePKP<br>F                                | 22  | 42 | 17                               |                           |                         |                |                |                |   |
| 13. Jan.<br>I   | ZNWNE                             | eF<br>F                                  | 15  | 54 | (00)                             |                           |                         |                |                |                |   |
| 13. Jan.<br>II  | Z                                 | eF<br>F                                  | 16  | 41 | 41                               |                           |                         |                |                |                | im vorhergehenden Beben                         |
| 13. Jan.<br>III | ZNW                               | e<br>F                                   | 18  | 46 | 51                               |                           |                         |                |                |                |   |
| 14. Jan.        | Z<br>Z                            | eP<br>e<br>F                             | 10  | 38 | 08<br>27                         |                           |                         |                |                |                |   |
| 15. Jan.        | ZNW<br>ZNW<br>Z<br>ZNW<br>NW<br>Z | eP<br>e<br>e(P)<br>e<br>e(SKS)<br>e<br>F | 09  | 43 | 54<br>07<br>52<br>07<br>34<br>46 |                           |                         |                |                |                | Herdgebiet nach USCGS: Süd-Peru                 |
| 15. Jan.<br>I   | Z                                 | ePKP<br>F                                | 12  | 49 | 40                               |                           |                         |                |                |                |   |
| 16. Jan.<br>II  | Z<br>Z<br>Z                       | eP<br>epP<br>e<br>ePP<br>F               | 21  | 00 | 01<br>30<br>42<br>31             |                           |                         |                | 7200           |                | h = ca. 150 km<br>Herdgebiet nach USCGS: Alaska |
| 17. Jan.<br>I   | Z                                 | e(P)<br>F                                | 03  | 11 | 28                               |                           |                         |                |                |                |   |
| 17. Jan.<br>II  | Z<br>Z                            | eP<br>e<br>F                             | 04  | 31 | 15<br>22                         |                           |                         |                |                |                |   |
| 19. Jan.<br>I   | Z                                 | eP<br>F                                  | 02  | 38 | 28                               |                           |                         |                |                |                |   |
| 19. Jan.<br>II  | Z<br>Z<br>Z                       | ePKP<br>e<br>e                           | 09  | 33 | 50<br>58<br>06                   |                           |                         |                |                |                |   |

| Datum           | Komp.                | Phase                  | MGZ |    |                      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen          |
|-----------------|----------------------|------------------------|-----|----|----------------------|---------------------------|-------------------------|----------------|----------------|----------------|----------------------|
|                 |                      |                        | h   | m  | s                    |                           | A <sub>H</sub>          | A <sub>N</sub> | A <sub>S</sub> |                |                      |
| noch            |                      |                        |     |    |                      |                           |                         |                |                |                |                      |
| 19. Jan.<br>II  | Z                    | epP<br>F               |     | 36 | (01)                 |                           |                         |                |                |                |                      |
| 24. Jan.        | Z                    | ePKP<br>F              | 04  | 41 | 21                   |                           |                         |                |                |                |                      |
| 26. Jan.<br>I   | Z                    | eP<br>F                | 03  | 28 | 18                   |                           |                         |                |                |                |                      |
| 26. Jan.<br>II  | ZNW<br>ZNWNE         | eP<br>eP<br>F          | 09  | 56 | 56<br>03             |                           |                         |                |                |                |                      |
| 26. Jan.<br>III | ZNW                  | eP<br>F                | 13  | 09 | 48                   |                           |                         |                |                |                |                      |
| 26. Jan.<br>IV  | ZNWNE<br>ZNWNE       | eP<br>e<br>F           | 20  | 29 | 29<br>32             |                           |                         |                |                |                |                      |
| 30. Jan.        | ZNW                  | eP<br>F                | 10  | 01 | 46                   |                           |                         |                |                |                |                      |
| 31. Jan.        | Z                    | eP<br>F                | 05  | 20 | 42                   |                           |                         |                |                |                |                      |
| Februar         |                      |                        |     |    |                      |                           |                         |                |                |                |                      |
| 1. Febr.        | ZNW<br>ZNW<br>Z<br>Z | eP<br>e<br>e<br>e<br>F | 12  | 03 | 36<br>41<br>24<br>49 |                           |                         |                |                |                |                      |
| 4. Febr.<br>I   | NW<br>NE             | e<br>e<br>F            | 04  | 06 | 30<br>34             |                           |                         |                |                |                |                      |
| 4. Febr.<br>II  | NE                   | e<br>F                 | 10  | 29 | 15                   |                           |                         |                |                |                |                      |
| 5. Febr.        | NE<br>NWNE           | e<br>e<br>F            | 12  | 58 | 36<br>41             |                           |                         |                |                |                | Vermutlich Sprengung |



Plauen 1960

| Datum     | Komp.  | Phase  | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km   | Bemerkungen |
|-----------|--|--|-----|----|----|---------------------------|-------------------------|----------------|----------------|--|-------------|
|           |  |  | h   | m  | s  |                           | A <sub>H</sub>          | A <sub>M</sub> | A <sub>S</sub> |  |             |
| 8. Febr.  | NE   | ePKP<br>F                                    | 13  | 04 | 35 |                           |                         |                |                |  |             |
| 8. Febr.  | NE   | e(FP)<br>F                                   | 19  | 04 | 12 |                           |                         |                |                |  |             |
| 10. Febr. | Z  | ePKP<br>e<br>F                               | 23  | 39 | 30 |                           |                         |                |                |  |             |
| 13. Febr. | Z  | e(PKP)<br>F                                  | 15  | 59 | 37 |                           |                         |                |                |  |             |
| 14. Febr. | Z  | e<br>F                                       | 01  | 16 | 04 |                           |                         |                |                |  |             |
| 18. Febr. | ZNWNE  | e<br>F                                       | 10  | 00 | 19 |                           |                         |                |                |  |             |
| 18. Febr. | Z  | eP<br>F                                      | 21  | 46 | 47 |                           |                         |                |                |  |             |
| 19. Febr. | ZNE<br>ZNWNE<br>Z<br>ZNWNE<br>NW<br>Z<br>ZNWNE | ePn<br>ePn<br>e<br>e<br>e<br>eSg<br>iSg<br>F | 02  | 31 | 45 |                           |                         |                | 560            | Herdgebiet nach BCIS: Lombardei (Italien) 45.6° N, 10.5° E |             |
| 19. Febr. | Z  | eP   | 05  | 20 | 22 |                           |                         |                |                |  |             |
| 19. Febr. | NE   | eP<br>F                                      | 10  | 44 | 36 |                           |                         |                |                |  |             |
| 21. Febr. | Z  | eP<br>e<br>F                                 | 08  | 17 | 19 |                           |                         |                |                |  |             |
| 21. Febr. | ZNW  | eP<br>e(FP)<br>F                             | 09  | 34 | 32 |                           |                         |                |                |  |             |



Plauen 1960

| Datum     | Komp. | Phase          | MGZ |    |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen  |
|-----------|-------|----------------|-----|----|------|---------------------------|-------------------------|----------------|----------------|----------------|--|
|           |       |                | h   | m  | s    |                           | A <sub>H</sub>          | A <sub>M</sub> | A <sub>S</sub> |                |  |
| 21. Febr. | Z     | ePKP           | 09  | 58 | 07   |                           |                         |                |                |                |  |
| 21. Febr. | Z     | e<br>F         |     | 58 | 14   |                           |                         |                |                |                |  |
| 22. Febr. | Z     | ePKP<br>e<br>F | 01  | 13 | 12   |                           |                         |                |                |                |  |
| 23. Febr. | Z     | eP<br>F        | 00  | 34 | (06) |                           |                         |                |                |                |  |
| 23. Febr. | ZNW   | e(F)           | 07  | 37 | 48   |                           |                         |                |                | (1400)         | Herdgebiet nach BCIS: Griechenland                     |
| 23. Febr. | NW    | e              |     | 38 | 35   |                           |                         |                |                |                |  |
| 23. Febr. | Z     | e              |     | 38 | 41   |                           |                         |                |                |                |  |
| 23. Febr. | NW    | eS<br>F        |     | 40 | 10   |                           |                         |                |                |                |  |
| 23. Febr. | ZNW   | e(P)           | 07  | 51 | (10) |                           |                         |                |                |                | Nachstoß   |
| 24. Febr. | ZNW   | e              | 03  | 16 | 21   |                           |                         |                |                |                | Nahbeben   |
| 24. Febr. | NW    | e<br>F         |     | 16 | 30   |                           |                         |                |                |                |  |
| 24. Febr. | ZNW   | ePKP           | 21  | 56 | 08   |                           |                         |                |                | 14200          | Herdgebiet nach USCGS: Salomon-Inseln 7 1/2° S, 156° E |
| 24. Febr. | Z     | e              |     | 57 | 25   |                           |                         |                |                |                |  |
| 24. Febr. | Z     | eFP            |     | 58 | 08   |                           |                         |                |                |                |  |
| 24. Febr. | ZNW   | e              |     | 58 | 24   |                           |                         |                |                |                |  |
| 24. Febr. | NW    | eSKP           |     | 59 | 28   |                           |                         |                |                |                |  |
| 24. Febr. | Z     | e(PPP)<br>F    | 22  | 00 | 43   |                           |                         |                |                |                |  |
| 26. Febr. | ZNE   | ePKP           | 06  | 52 | 24   |                           |                         |                |                |                |  |
| 26. Febr. | Z     | e<br>F         |     | 52 | 45   |                           |                         |                |                |                |  |
| 26. Febr. | ZNE   | eP             | 23  | 41 | 25   |                           |                         |                |                |                |  |
| 26. Febr. | ZNE   | F              | 23  | 43 |      |                           |                         |                |                |                |  |
| 27. Febr. | Z     | eP             | 08  | 22 | 04   |                           |                         |                |                |                |  |
| 27. Febr. | Z     | F              | 08  | 24 |      |                           |                         |                |                |                |  |
| 27. Febr. | Z     | ePKP<br>F      | 09  | 16 | 34   |                           |                         |                |                |                |  |



| Datum       | Komp. | Phase | MGZ |      |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|-------------|-------|-------|-----|------|------|---------------------------|-------------------------|----------------|----------------|---|-------------|
|             |       |       | h   | m    | s    |                           | A <sub>H</sub>          | A <sub>V</sub> | A <sub>S</sub> |   |             |
| 29. Febr.   | Z     | eP    | 05  | 35   | 42   |                           |                         |                | 2800           | Herdgebiet<br>nach BCIS:<br>Agadir<br>(Marokko)<br>30°27' N,<br>9°37' W |             |
| I           | F     |       | 05  | 37   |      |                           |                         |                |                |   |             |
| 29. Febr.   | ZNE   | eP    | 23  | 45   | 47   |                           |                         |                |                |   |             |
| II          | ZNWNE | eP    |     | 45   | 49   |                           |                         |                |                |   |             |
|             | NE    | e     |     | 47   | 26   |                           |                         |                |                |   |             |
|             | NW    | e     |     | 47   | 32   |                           |                         |                |                |   |             |
|             | Z     | e     |     | 47   | 52   |                           |                         |                |                |   |             |
|             | NW    | e     |     | 48   | 15   |                           |                         |                |                |   |             |
|             | NW    | eS    |     | 50   | 23   |                           |                         |                |                |   |             |
|             | NW    | eSS   |     | 51   | 35   |                           |                         |                |                |   |             |
|             |       | F     | 24  | 10   |      |                           |                         |                |                |   |             |
| <u>März</u> |       |       |     |      |      |                           |                         |                |                |   |             |
| 1. März     | Z     | ePKP  | 20  | 19   | 26   |                           |                         |                |                |   |             |
|             |       | F     | 20  | 20   |      |                           |                         |                |                |   |             |
| 2. März     | ZNWNE | eP    | 22  | 02   | 00   |                           |                         |                |                |   |             |
|             |       | F     | 22  | 05   |      |                           |                         |                |                |   |             |
| 4. März     | ZNE   | eP    | 02  | 28   | 03   |                           |                         |                |                |   |             |
| I           | Z     | e     |     | 28   | 16   |                           |                         |                |                |   |             |
|             | Z     | e     |     | 28   | 32   |                           |                         |                |                |   |             |
|             |       | F     | 02  | 30   |      |                           |                         |                |                |   |             |
| 4. März     | ZNWNE | eIP   | 04  | 05   | 15   |                           |                         |                |                |   |             |
| II          | NWNE  | e     |     | 05   | 22   |                           |                         |                |                |   |             |
|             | NWNE  | epP   |     | 05   | 34   |                           |                         |                |                |   |             |
|             | Z     | e     |     | 05   | 48   |                           |                         |                |                |   |             |
|             | Z     | e     |     | 08   | 27   |                           |                         |                |                |   |             |
|             |       | F     | 04  | 12   |      |                           |                         |                |                |   |             |
| 4. März     | ZNWNE | eP    | 16  | 30   | 22   |                           |                         |                |                |   |             |
| III         | ZNW   | e     |     | 30   | 27   |                           |                         |                |                |   |             |
|             |       | F     | 16  | 34   |      |                           |                         |                |                |   |             |
| 4. März     | Z     | eP    | 21  | 17   | 53   |                           |                         |                |                |   |             |
| IV          |       | F     | 21  | 19   |      |                           |                         |                |                |   |             |
| 5. März     | ZNWNE | eP    | 11  | 34   | 34   |                           |                         |                |                |   |             |
| I           |       | F     | 11  | 36   |      |                           |                         |                |                |   |             |
| 5. März     | Z     | eP    | 14  | 03   | (35) |                           |                         |                |                |   |             |
| II          | Z     | ePKP  |     | 07.2 |      |                           |                         |                | 11700          | Herdgebiet<br>nach USCGS:<br>Halmahera-<br>Insel                        |             |

| Datum    | Komp. | Phase | MGZ |    |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen                            |
|----------|-------|-------|-----|----|------|---------------------------|-------------------------|----------------|----------------|---|--|
|          |       |       | h   | m  | s    |                           | A <sub>H</sub>          | A <sub>V</sub> | A <sub>S</sub> |   |  |
| noch     |       |       |     |    |      |                           |                         |                |                |   |  |
| 5. März  | ZNE   | e(PP) | 07  | 53 |      |                           |                         |                |                |   |  |
| II       | NE    | e     | 08  | 19 |      |                           |                         |                |                |   |  |
|          |       | F     | 15  | 05 |      |                           |                         |                |                |   |  |
| 8. März  | ZNWNE | ePKP  | 16  | 52 | 35   |                           |                         |                |                |   |  |
|          | NW    | e     |     | 52 | 44   |                           |                         |                |                |   |  |
|          | NWNE  | e     |     | 53 | 02   |                           |                         |                |                |   |  |
|          | NW    | e     |     | 53 | 17   |                           |                         |                |                |   |  |
|          |       | F     | 17  | 12 |      |                           |                         |                |                |   |  |
| 9. März  | Z     | eP    | 24  | 07 | 51   |                           |                         |                |                |   |  |
|          | Z     | e     |     | 12 | 51   |                           |                         |                |                |   |  |
|          |       | F     | 24  | 14 |      |                           |                         |                |                |   |  |
| 10. März | Z     | ePKP  | 14  | 04 | (00) |                           |                         |                |                |   |  |
| I        | Z     | e     |     | 04 | 37   |                           |                         |                |                |   |  |
|          |       | F     | 14  | 09 |      |                           |                         |                |                |   |  |
| 10. März | Z     | eP    | 14  | 44 | 22   |                           |                         |                |                |   |  |
| II       |       | F     | 14  | 46 |      |                           |                         |                |                |   |  |
| 11. März | Z     | e     | 14  | 01 | 57   |                           |                         |                |                |   |  |
|          |       | F     | 14  | 03 |      |                           |                         |                |                |   | Nach BCIS:<br>Sprengung<br>in der CSSR |
| 12. März | ZNWNE | eFG   | 11  | 56 | 32   |                           |                         |                | 1250           | Herdgebiet<br>nach BCIS:<br>Mazedonien<br>42.0° N,<br>21.0° E |  |
| I        | NE    | e     |     | 56 | 51   |                           |                         |                |                |   |  |
|          | NW    | e     |     | 57 | 31   |                           |                         |                |                |   |  |
|          | NE    | ePh   |     | 57 | 36   |                           |                         |                |                |   |  |
|          | NE    | e     |     | 58 | 29   |                           |                         |                |                |   |  |
|          | NWNE  | eSn   |     | 58 | 49   |                           |                         |                |                |   |  |
|          | NW    | e     |     | 59 | 21   |                           |                         |                |                |   |  |
|          | NE    | i     |     | 59 | 46   |                           |                         |                |                |   |  |
|          |       | F     | 12  | 17 |      |                           |                         |                |                |   |  |
| 12. März | Z     | ePKP  | 20  | 49 | 40   |                           |                         |                |                |   |  |
| II       | Z     | e(PP) |     | 51 | 53   |                           |                         |                |                |   |  |
|          |       | F     | 20  | 57 |      |                           |                         |                |                |   |  |
| 14. März | Z     | e     | 04  | 49 | 30   |                           |                         |                |                |   |  |
|          |       | F     | 04  | 51 |      |                           |                         |                |                |   |  |
| 15. März | Z     | e     | 05  | 31 | 16   |                           |                         |                |                |   |  |
| I        |       | F     | 05  | 32 |      |                           |                         |                |                |   |  |





| Datum    | Komp. | Phase | MGZ |      |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen  |
|----------|-------|-------|-----|------|------|---------------------------|-------------------------|----------------|----------------|----------------|--|
|          |       |       | h   | m    | s    |                           | A <sub>H</sub>          | A <sub>Z</sub> | A <sub>E</sub> |                |  |
| 15. März | Z     | eP    | 09  | 33   | (00) |                           |                         |                |                |                |  |
| II       | Z     | e     |     | 33   | 15   |                           |                         |                |                |                |  |
|          | NW    | e     |     | 33   | 28   |                           |                         |                |                |                |  |
|          | Z     | e     |     | 33   | 50   |                           |                         |                |                |                |  |
|          |       | F     | 09  | 35   |      |                           |                         |                |                |                |  |
| 15. März | Z     | ePKP  | 10  | 28   | 49   |                           |                         |                |                |                |  |
| III      |       | F     | 10  | 31   |      |                           |                         |                |                |                |  |
| 16. März | Z     | eP    | 01  | 57   | 12   |                           |                         |                |                |                |  |
| I        |       | F     | 01  | 59   |      |                           |                         |                |                |                |  |
| 16. März | Z     | ePKP  | 17  | 59   | 53   |                           |                         |                |                |                |  |
| II       | Z     | e     |     | 58   | 58   |                           |                         |                |                |                |  |
|          | Z     | e     | 18  | 02   | 33   |                           |                         |                |                |                |  |
|          |       | F     | 18  | 04   |      |                           |                         |                |                |                |  |
| 17. März | Z     | e     | 12  | 45   | 27   |                           |                         |                |                |                |  |
|          | Z     | e     |     | 45   | 30   |                           |                         |                |                |                |  |
|          |       | F     | 12  | 46   |      |                           |                         |                |                |                | Nach Collmberg:<br>Sprengung                                       |
| 20. März | Z     | eP    | 13  | 49   | (00) |                           |                         |                |                |                |  |
| I        |       | F     | 13  | 51   |      |                           |                         |                |                |                |  |
| 20. März | ZNE   | eP    | 17  | 19   | 38   |                           |                         |                |                |                |  |
| II       | NE    | eFcP  |     | 19   | 45   |                           |                         |                |                |                | (8900) Herdgebiet<br>nach USCGS:<br>Nordost-<br>küste von<br>Hondo |
|          | NW    | ePcP  |     | 19   | 53   |                           |                         |                |                |                |  |
|          | NW    | e     |     | 20   | 10   |                           |                         |                |                |                |  |
|          | NWNE  | eS    |     | 29.6 |      |                           |                         |                |                |                |  |
|          | Z     | e     |     | 30   | 13   |                           |                         |                |                |                |  |
|          |       | F     | 19  | 00   |      |                           |                         |                |                |                |  |
| 21. März | ZNE   | eP    | 00  | 47   | 02   |                           |                         |                |                |                |  |
| I        |       | F     | 01  | 00   |      |                           |                         |                |                |                | Nachstoß   |
| 21. März | Z     | ePKP  | 02  | 09   | (27) |                           |                         |                |                |                |  |
| II       |       | F     | 02  | 11   |      |                           |                         |                |                |                |  |
| 21. März | Z     | eP    | 07  | 03   | 40   |                           |                         |                |                |                |  |
| III      |       | F     | 07  | 05   |      |                           |                         |                |                |                | Nachstoß<br>Hondo  |
| 21. März | Z     | eP    | 09  | 30   | 32   |                           |                         |                |                |                |  |
| IV       | Z     | e     |     | 33   | 17   |                           |                         |                |                |                |  |
|          |       | F     | 09  | 35   |      |                           |                         |                |                |                | Weiterer<br>Nachstoß   |

| Datum    | Komp. | Phase | MGZ |      |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen   |
|----------|-------|-------|-----|------|------|---------------------------|-------------------------|----------------|----------------|----------------|---|
|          |       |       | h   | m    | s    |                           | A <sub>H</sub>          | A <sub>Z</sub> | A <sub>E</sub> |                |   |
| 21. März | Z     | ePKP  | 11  | 59   | 54   |                           |                         |                |                |                |   |
|          |       | F     | 12  | 02   |      |                           |                         |                |                |                |   |
| 21. März | ZNE   | e     | 18  | 03   | 32   |                           |                         |                |                |                | Nahbeben  |
| VI       | Z     | e     |     | 03   | 50   |                           |                         |                |                |                |   |
|          | ZNE   | e     |     | 03   | 57   |                           |                         |                |                |                |   |
|          |       | F     | 18  | 07   |      |                           |                         |                |                |                |   |
| 23. März | ZNE   | eP    | 00  | 35   | 35   |                           |                         |                |                |                | (8800) Herdgebiet<br>nach USCGS:<br>Ostküste<br>von Hondo |
| I        | ZNE   | e     |     | 35   | 42   |                           |                         |                |                |                |   |
|          | ZNE   | e     |     | 36   | 05   |                           |                         |                |                |                |   |
|          | Z     | e     |     | 36   | 16   |                           |                         |                |                |                |   |
|          | Z     | eFP   |     | 38   | 39   |                           |                         |                |                |                |   |
|          | ZNE   | e     |     | 39   | 46   |                           |                         |                |                |                |   |
|          | NE    | eS    |     | 45.6 |      |                           |                         |                |                |                |   |
|          |       | F     | 02  | 10   |      |                           |                         |                |                |                |   |
| 23. März | ZNE   | eP    | 01  | 19   | 29   |                           |                         |                |                |                | Überlagerter<br>Nachstoß                                  |
| II       |       |       |     |      |      |                           |                         |                |                |                |   |
| 23. März | NE    | eP    | 02  | 03   | 53   |                           |                         |                |                |                | Weiterer<br>überlagerter<br>Nachstoß                      |
| III      |       |       |     |      |      |                           |                         |                |                |                |   |
| 23. März | NE    | eP    | 02  | 21   | 18   |                           |                         |                |                |                | 23. März IV<br>bis IX sind<br>weitere<br>Nachstöße        |
| IV       |       | F     | 02  | 23   |      |                           |                         |                |                |                |   |
| 23. März | NE    | eP    | 08  | 58   | (54) |                           |                         |                |                |                |   |
| V        |       | F     | 09  | 00   |      |                           |                         |                |                |                |   |
| 23. März | NE    | e     | 10  | 41   | 15   |                           |                         |                |                |                |   |
| VI       |       | F     | 10  | 42   |      |                           |                         |                |                |                |   |
| 23. März | NE    | eP    | 12  | 03   | 12   |                           |                         |                |                |                |   |
| VII      |       | F     | 12  | 04   |      |                           |                         |                |                |                |   |
| 23. März | NE    | e     | 21  | 46   | 40   |                           |                         |                |                |                |   |
| VIII     |       | F     | 21  | 47   |      |                           |                         |                |                |                |   |
| 23. März | ZNE   | eP    | 22  | 34   | 47   |                           |                         |                |                |                |   |
| IX       |       | F     | 22  | 39   |      |                           |                         |                |                |                |   |
| 23. März | ZNE   | eFn   | 23  | 10   | 06   |                           |                         |                |                |                | 520 Herdgebiet<br>nach BCIS:<br>Berner Alpen<br>(Schweiz) |
| X        | ZNE   | e     |     | 10   | 12   |                           |                         |                |                |                |   |
|          | NE    | e     |     | 10   | 15   |                           |                         |                |                |                |   |
|          | ZNE   | i(Pg) |     | 10   | 22   |                           |                         |                |                |                |   |



| Datum            | Komp. | Phase                    | MGZ      |          |    | Periode<br>T <sub>s</sub> | Amplitude μm   |                |                | d<br>km | Bemerkungen   |
|------------------|-------|--------------------------|----------|----------|----|---------------------------|----------------|----------------|----------------|---------|---|
|                  |       |                          | h        | m        | s  |                           | A <sub>H</sub> | A <sub>M</sub> | A <sub>S</sub> |         |   |
| noch<br>23. März | ZNE   | iSg<br>F                 |          | 11<br>23 | 23 |                           |                |                |                |         | 46°29' N,<br>8°06' E  |
| ✓<br>27. März    | Z     | ePKP<br>F                | 04<br>04 | 07<br>09 | 51 |                           |                |                |                |         |   |
| •<br>27. März    | Z     | ePKP                     | 09       | 17       | 22 |                           |                |                |                |         |   |
| ✓<br>27. März    | Z     | e(FP)<br>F               |          | 20<br>09 | 03 |                           |                |                |                |         |   |
| •<br>27. März    | Z     | e                        | 20       | 32       | 26 |                           |                |                |                |         |   |
| ✓<br>27. März    | Z     | F                        | 20       | 33       |    |                           |                |                |                |         |   |
| •<br>27. März    | Z     | ePKP <sub>2</sub>        | 23       | 48       | 53 |                           |                |                | 18500          |         | Herdgebiet<br>nach USCGS:<br>Neuseeland                         |
| ✓<br>27. März    | Z     | ePP<br>F                 |          | 52<br>23 | 39 |                           |                |                |                |         |   |
| •<br>28. März    | Z     | eP                       | 00       | 26       | 24 |                           |                |                |                |         |   |
| ✓<br>28. März    | Z     | e<br>F                   |          | 26<br>00 | 41 |                           |                |                |                |         |   |
| 28. März         | ZNW   | ePg                      | 02       | 53       | 08 |                           |                |                |                |         |   |
| II               | ZNW   | eSg<br>F                 |          | 53<br>02 | 45 |                           |                |                | 330            |         | Herdgebiet<br>nach BCIS:<br>Schwäbische<br>Alb                  |
| •<br>28. März    | ZNE   | e(FKP)                   | 12       | 57       | 45 |                           |                |                |                |         |   |
| III              | NE    | e<br>F                   |          | 57<br>13 | 53 |                           |                |                |                |         |   |
| •<br>28. März    | Z     | eP<br>F                  | 20<br>20 | 54<br>56 | 22 |                           |                |                |                |         |   |
| •<br>29. März    | ZNE   | ePKP                     | 06       | 50       | 27 |                           |                |                |                |         |   |
| Z                | Z     | e                        |          | 50       | 33 |                           |                |                | 15500          |         | h = ca.<br>100 km<br>Herdgebiet<br>nach USCGS:<br>Neue Hebriden |
| Z                | Z     | e(sP)                    |          | 52       | 15 |                           |                |                |                |         |   |
| Z                | Z     | ePP                      |          | 53       | 35 |                           |                |                |                |         |   |
| Z                | Z     | e(SK <sub>P</sub> )<br>F |          | 54<br>07 | 26 |                           |                |                |                |         |   |
| •<br>30. März    | Z     | ePKP                     | 11       | 09       | 16 |                           |                |                |                |         |   |
| I                | ZNE   | ePP<br>F                 |          | 12<br>11 | 04 |                           |                |                |                |         | Nachstoß  |
| •<br>30. März    | ZNE   | eF<br>F                  | 13<br>13 | 04<br>06 | 04 |                           |                |                |                |         |   |

| Datum         | Komp. | Phase      | MGZ      |          |      | Periode<br>T <sub>s</sub> | Amplitude μm   |                |                | d<br>km | Bemerkungen                            |
|---------------|-------|------------|----------|----------|------|---------------------------|----------------|----------------|----------------|---------|--|
|               |       |            | h        | m        | s    |                           | A <sub>H</sub> | A <sub>M</sub> | A <sub>S</sub> |         |  |
| 30. März      | ZNE   | ePKP       | 15       | 39       | 17   |                           |                |                |                |         |  |
| •<br>III      | ZNE   | e<br>F     |          | 39<br>15 | 24   |                           |                |                |                |         |  |
| ✓<br>31. März | Z     | eP<br>F    | 03<br>03 | 14<br>16 | 17   |                           |                |                |                |         |  |
| <u>April</u>  |       |            |          |          |      |                           |                |                |                |         |  |
| 1. April      | Z     | ePKP<br>F  | 03<br>03 | 13<br>15 | 49   |                           |                |                |                |         |  |
| •<br>1. April | Z     | ePKP<br>F. | 23<br>23 | 21<br>22 | 16   |                           |                |                |                |         |  |
| 2. April      | Z     | e<br>F     | 15<br>15 | 07<br>08 | 05   |                           |                |                |                |         |  |
| •<br>4. April | Z     | e<br>F     | 08<br>08 | 18<br>20 | 43   |                           |                |                |                |         | Nahbeben                               |
| 5. April      | Z     | e<br>F     | 04<br>04 | 27<br>28 | 16   |                           |                |                |                |         |  |
| 5. April      | Z     | e(P)<br>F  | 17<br>17 | 29<br>31 | (25) |                           |                |                |                |         | Vermutlich<br>Sprengung                |
| 6. April      | Z     | e<br>F     | 12<br>12 | 58<br>59 | 22   |                           |                |                |                |         |  |
| •<br>7. April | Z     | ePKP       | 14       | 06       | 20   |                           |                |                |                |         |  |
| I             | Z     | e          |          | 06       | 27   |                           |                |                |                |         |  |
| Z             | Z     | e          |          | 06       | 38   |                           |                |                |                |         |  |
| Z             | Z     | e<br>F     |          | 14<br>12 |      |                           |                |                |                |         |  |
| •<br>7. April | Z     | ePKP       | 24       | 15       | 18   |                           |                |                |                |         |  |
| II            | ZNE   | e          |          | 15       | 24   |                           |                |                |                |         |  |
| Z             | Z     | e          |          | 15       | 29   |                           |                |                |                |         |  |
| Z             | NE    | e          |          | 15       | 40   |                           |                |                |                |         |  |
| Z             | Z     | ePKP<br>F  |          | 16<br>24 | 13   |                           |                |                |                |         |  |
| •<br>8. April | Z     | e          |          | 09       | 46   |                           |                |                |                |         | Nach BCIS:<br>Sprengung<br>in der CSSR |
| ZNE           | ZNE   | e<br>F     |          | 10<br>10 | 09   |                           |                |                |                |         |  |



Plauen 1960

| Datum     | Komp.           | Phase                            | MGZ |    |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen                            |
|-----------|-----------------|----------------------------------|-----|----|------|---------------------------|-------------------------|----------------|----------------|----------------|--|
|           |                 |                                  | h   | m  | s    |                           | A <sub>H</sub>          | A <sub>B</sub> | A <sub>S</sub> |                |  |
| 9. April  | Z               | e(PKP)<br>F                      | 07  | 53 | 38   |                           |                         |                |                |                |  |
| 10. April | ZNE<br>I        | e<br>ZNE<br>e<br>F               | 06  | 59 | 15   |                           |                         |                |                |                | Vermutlich Sprengung                   |
|           |                 |                                  | 07  | 00 |      |                           |                         |                |                |                |  |
| 10. April | Z               | eP<br>F                          | 20  | 38 | 05   |                           |                         |                |                |                |  |
| 10. April | Z               | eP<br>F                          | 22  | 09 | 25   |                           |                         |                |                |                |  |
| 12. April | ZNE             | eP<br>F                          | 04  | 26 | 39   |                           |                         |                |                |                |  |
| 13. April | Z               | e<br>F                           | 12  | 50 | (35) |                           |                         |                |                |                |  |
| 15. April | Z               | eP<br>Z<br>Z                     | 11  | 50 | 51   |                           |                         |                |                |                |  |
|           |                 |                                  |     | 51 | 03   |                           |                         |                |                |                |  |
|           |                 |                                  | 11  | 55 |      |                           |                         |                |                |                |  |
| 15. April | Z               | ePKP<br>F                        | 22  | 24 | 32   |                           |                         |                |                |                |  |
| 19. April | Z               | ePKP<br>Z<br>F                   | 09  | 42 | 23   |                           |                         |                |                |                |  |
|           |                 |                                  |     | 42 | 48   |                           |                         |                |                |                |  |
|           |                 |                                  | 09  | 45 |      |                           |                         |                |                |                |  |
| 22. April | ZNWNE<br>Z<br>Z | ePKP<br>eIPKP<br>e<br>epPKP<br>F | 20  | 45 | 48   |                           |                         |                |                |                |  |
|           |                 |                                  |     | 45 | 51   |                           |                         |                |                |                |  |
|           |                 |                                  |     | 46 | 07   |                           |                         |                |                |                |  |
|           |                 |                                  | 20  | 51 |      |                           |                         |                |                |                |  |
| 23. April | Z               | e                                | 08  | 59 | 54   |                           |                         |                |                |                |  |
| 23. April | ZNE<br>I        | e<br>ZNE<br>e<br>F               | 09  | 00 | 04   |                           |                         |                |                |                | Nach BCIS:<br>Sprengung<br>in der GSSR |
|           |                 |                                  | 09  | 01 |      |                           |                         |                |                |                |  |
| 23. April | Z               | e<br>F                           | 11  | 45 | (47) |                           |                         |                |                |                |  |
|           |                 |                                  | 11  | 52 |      |                           |                         |                |                |                |  |
| 24. April | ZNE<br>I        | eP<br>Z<br>epP                   | 03  | 35 | 17   |                           |                         |                |                |                |  |
|           |                 |                                  |     | 37 | 29   |                           |                         |                |                |                |  |



Plauen 1960

| Datum      | Komp. | Phase                   | MGZ |                         |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen                          |
|------------|-------|-------------------------|-----|-------------------------|----|---------------------------|-------------------------|----------------|----------------|----------------|--------------------------------------|
|            |       |                         | h   | m                       | s  |                           | A <sub>H</sub>          | A <sub>B</sub> | A <sub>S</sub> |                |                                      |
| noch       |       |                         |     |                         |    |                           |                         |                |                |                |                                      |
| 24. April  | Z     | e                       |     | 38                      | 11 |                           |                         |                |                |                |                                      |
|            | Z     | e                       |     | 39                      | 36 |                           |                         |                |                |                |                                      |
|            | ZNE   | e                       |     | 47                      | 41 |                           |                         |                |                |                |                                      |
|            |       | F                       | 03  | 56                      |    |                           |                         |                |                |                |                                      |
| 24. April  | Z     | e                       | 03  | 51                      | 19 |                           |                         |                |                |                |                                      |
|            | Z     | e                       |     | 51                      | 21 |                           |                         |                |                |                |                                      |
|            |       | F                       |     | im vorbergehenden Beben |    |                           |                         |                |                |                |                                      |
| 24. April  | Z     | eP<br>F                 | 06  | 05                      | 04 |                           |                         |                |                |                |                                      |
|            |       |                         | 06  | 07                      |    |                           |                         |                |                |                |                                      |
| 24. April  | ZNE   | eP<br>F                 | 12  | 21                      | 56 |                           |                         |                |                |                |                                      |
|            |       |                         | 12  | 50                      |    |                           |                         |                |                |                |                                      |
| 25. April  | Z     | eP<br>F                 | 15  | 05                      | 27 |                           |                         |                |                |                |                                      |
|            |       |                         | 15  | 07                      |    |                           |                         |                |                |                |                                      |
| 25. April  | Z     | eP<br>F                 | 16  | 32                      | 16 |                           |                         |                |                |                |                                      |
|            |       |                         | 16  | 35                      |    |                           |                         |                |                |                |                                      |
| 26. April  | Z     | e<br>F                  | 11  | 02                      | 34 |                           |                         |                |                |                | Nahbeben                             |
|            |       |                         | 11  | 05                      |    |                           |                         |                |                |                |                                      |
| 28. April  | ZNW   | eP<br>F                 | 16  | 37                      | 41 |                           |                         |                |                |                |                                      |
|            |       |                         | 16  | 40                      |    |                           |                         |                |                |                |                                      |
| 29. April  | Z     | eP<br>ZNWNE<br>ePP<br>F | 19  | 46                      | 07 |                           |                         |                | 11500          |                | Herdgebiet<br>nach USCGS:<br>Celebes |
|            |       |                         |     | 50                      | 24 |                           |                         |                |                |                |                                      |
|            |       |                         | 19  | 56                      |    |                           |                         |                |                |                |                                      |
| 29. April  | ZNE   | ePP<br>F                | 21  | 02                      | 38 |                           |                         |                |                |                | Nachstoß                             |
|            |       |                         | 21  | 04                      |    |                           |                         |                |                |                |                                      |
| 30. April  | Z     | eP<br>F                 | 04  | 15                      | 25 |                           |                         |                |                |                | Weiterer<br>Nachstoß                 |
|            |       |                         | 04  | 16                      |    |                           |                         |                |                |                |                                      |
| <u>Mai</u> |       |                         |     |                         |    |                           |                         |                |                |                |                                      |
| 2. Mai     | Z     | eP<br>F                 | 08  | 52                      | 22 |                           |                         |                |                |                |                                      |
|            |       |                         | 08  | 56                      |    |                           |                         |                |                |                |                                      |



Plauen 1960

| Datum         | Komp. | Phase  | MGZ |    |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km                                  | Bemerkungen |
|---------------|-------|--------|-----|----|------|---------------------------|-------------------------|----------------|----------------|---|-------------|
|               |       |        | h   | m  | s    |                           | A <sub>N</sub>          | A <sub>E</sub> | A <sub>S</sub> |   |             |
| 2. Mai<br>II  | Z     | e      | 12  | 24 | 08   |                           |                         |                | 700            | Herdgebiet<br>nach BCIS:<br>Emilie<br>(Italien) |             |
|               | Z     | e      |     | 28 | 21   |                           |                         |                |                |   |             |
|               | ZNWNE | e      |     | 28 | 26   |                           |                         |                |                |   |             |
|               |       | F      | 12  | 31 |      |                           |                         |                |                |   |             |
| 2. Mai<br>III | ZNW   | eP     | 18  | 41 | 31   |                           |                         |                | 700            | Herdgebiet<br>nach BCIS:<br>Emilie<br>(Italien) |             |
|               |       | F      | 18  | 44 |      |                           |                         |                |                |   |             |
| 3. Mai<br>I   | ZNWNE | e(PcP) | 08  | 06 | 57   |                           |                         |                | 700            | Herdgebiet<br>nach BCIS:<br>Emilie<br>(Italien) |             |
|               |       | F      | 08  | 08 |      |                           |                         |                |                |   |             |
| 3. Mai<br>II  | NE    | e      | 13  | 39 | (29) |                           |                         |                | 700            | Herdgebiet<br>nach BCIS:<br>Emilie<br>(Italien) |             |
|               | ZNE   | e      |     | 40 | 16   |                           |                         |                |                |   |             |
|               |       | F      | 13  | 43 |      |                           |                         |                | 700            | Herdgebiet<br>nach BCIS:<br>Emilie<br>(Italien) |             |
| 3. Mai<br>III | ZNE   | eP     | 22  | 35 | 04   |                           |                         |                |                |   |             |
|               | ZNE   | e(FP)  | 38  | 24 |      |                           |                         |                | 700            | Herdgebiet<br>nach BCIS:<br>Emilie<br>(Italien) |             |
|               |       | F      | 22  | 40 |      |                           |                         |                |                |   |             |
| 3. Mai<br>IV  | Z     | ePKP   | 24  | 16 | 18   |                           |                         |                | 700            | Herdgebiet<br>nach BCIS:<br>Emilie<br>(Italien) |             |
|               |       | F      | 24  | 17 |      |                           |                         |                |                |   |             |
| 4. Mai        | Z     | ePKP   | 18  | 49 | 20   |                           |                         |                | 700            | Herdgebiet<br>nach BCIS:<br>Emilie<br>(Italien) |             |
|               | Z     | e      |     | 49 | 23   |                           |                         |                |                |   |             |
|               | Z     | e      |     | 49 | 45   |                           |                         |                |                |   |             |
|               |       | F      | 18  | 54 |      |                           |                         |                |                |   |             |
| 5. Mai        | Z     | eP     | 11  | 37 | 32   |                           |                         |                | 700            | Herdgebiet<br>nach BCIS:<br>Emilie<br>(Italien) |             |
|               | ZNE   | e      |     | 37 | 49   |                           |                         |                |                |   |             |
|               |       | F      | 11  | 41 |      |                           |                         |                |                |   |             |
| 11. Mai       | NW    | ePg    | 13  | 27 | (04) |                           |                         |                | 700            | Herdgebiet<br>nach BCIS:<br>Emilie<br>(Italien) |             |
|               | NW    | e      |     | 27 | 36   |                           |                         |                |                |   |             |
|               | NW    | e      |     | 28 | 17   |                           |                         |                |                |   |             |
|               | NW    | eSg    |     | 28 | 23   |                           |                         |                |                |   |             |
|               |       | F      | 13  | 32 |      |                           |                         |                |                |   |             |
| 12. Mai       | NWNE  | eP     | 22  | 45 | 14   |                           |                         |                | 700            | Herdgebiet<br>nach BCIS:<br>Emilie<br>(Italien) |             |
|               |       | F      | 22  | 49 |      |                           |                         |                |                |   |             |
| 13. Mai<br>I  | NW    | eSg    | 03  | 57 | 32   |                           |                         |                | 700            | Herdgebiet<br>nach BCIS:<br>Emilie<br>(Italien) |             |
|               | NE    | e      |     | 57 | 35   |                           |                         |                |                |   |             |
|               |       | F      | 03  | 59 |      |                           |                         |                |                |   |             |
| 13. Mai<br>II | NE    | eP     | 16  | 18 | 52   |                           |                         |                | 8300           | Herdgebiet<br>nach USCGS:<br>Alaska             |             |
|               | NWNE  | ePcP   | 19  | 08 |      |                           |                         |                |                |   |             |



Plauen 1960

| Datum         | Komp. | Phase             | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|---------------|-------|-------------------|-----|------|----|---------------------------|-------------------------|----------------|----------------|---|-------------|
|               |       |                   | h   | m    | s  |                           | A <sub>N</sub>          | A <sub>E</sub> | A <sub>S</sub> |   |             |
| noch          |       |                   |     |      |    |                           |                         |                |                |   |             |
| 13. Mai<br>II | NW    | ePS               |     | 29   | 21 |                           |                         |                | 9200           | h = ca.<br>60 km<br>Herdgebiet<br>nach USCGS:<br>Riu-Kiu-<br>Inseln               |             |
|               |       | F                 | 16  | 31   |    |                           |                         |                |                |   |             |
| 14. Mai       | NWNE  | eP                | 22  | 31   | 25 |                           |                         |                | 9200           | h = ca.<br>60 km<br>Herdgebiet<br>nach USCGS:<br>Riu-Kiu-<br>Inseln               |             |
|               |       | F                 | 22  | 36   |    |                           |                         |                |                |   |             |
| 18. Mai       | NWNE  | eP                | 06  | 47   | 30 |                           |                         |                | 9200           | h = ca.<br>60 km<br>Herdgebiet<br>nach USCGS:<br>Riu-Kiu-<br>Inseln               |             |
|               | NW    | epF               |     | 47   | 46 |                           |                         |                |                |   |             |
|               | NWNE  | eS                |     | 57   | 46 |                           |                         |                |                |   |             |
|               |       | F                 | 07  | 45   |    |                           |                         |                |                |   |             |
| 19. Mai<br>I  | ZNWNE | eP                | 02  | 14   | 52 |                           |                         |                | 4900           | Herdgebiet<br>nach USCGS:<br>Hindukusch   |             |
|               | ZNE   | eS                |     | 21   | 23 |                           |                         |                |                |   |             |
|               |       | F                 | 03  | 05   |    |                           |                         |                |                |   |             |
| 19. Mai<br>II | Z     | eP                | 10  | 24   | 26 |                           |                         |                | 4900           | Herdgebiet<br>nach USCGS:<br>Gebiet der<br>Maskarenen-<br>Inseln                  |             |
|               | ZNW   | e                 |     | 24   | 31 |                           |                         |                |                |   |             |
|               | ZNWNE | e                 |     | 24   | 40 |                           |                         |                |                |   |             |
|               | NWNE  | e(S)              |     | 34.8 |    |                           |                         |                |                |   |             |
|               |       | F                 | 10  | 50   |    |                           |                         |                |                |   |             |
| 20. Mai<br>I  | Z     | ePKP <sub>1</sub> | 11  | 32   | 17 |                           |                         |                | 13000          | Herdgebiet<br>nach USCGS:<br>Insel Nor-<br>folk                                   |             |
|               | ZNWNE | ePKP <sub>2</sub> |     | 32   | 25 |                           |                         |                |                |   |             |
|               | ZNE   | e                 |     | 32   | 28 |                           |                         |                |                |   |             |
|               | NW    | e                 |     | 32   | 42 |                           |                         |                |                |   |             |
|               | NW    | e                 |     | 33   | 24 |                           |                         |                |                |   |             |
|               | NW    | e                 |     | 34   | 38 |                           |                         |                |                |   |             |
|               |       | F                 | 11  | 50   |    |                           |                         |                |                |   |             |
| 20. Mai<br>II | ZNWNE | e                 | 15  | 00   | 53 |                           |                         |                | 13000          | Herdgebiet<br>nach USCGS:<br>Küstengebiet<br>von Chile<br>37 1/2° S,<br>73 1/2° W |             |
|               | ZNWNE | e                 |     | 01   | 13 |                           |                         |                |                |   |             |
| 21. Mai<br>I  | ZNWNE | e(P)              | 06  | 44   | 41 |                           |                         |                | 13000          | Herdgebiet<br>nach USCGS:<br>Küstengebiet<br>von Chile<br>37 1/2° S,<br>73 1/2° W |             |
|               |       | F                 | 06  | 55   |    |                           |                         |                |                |   |             |
| 21. Mai<br>II | Z     | eP                | 10  | 17   | 47 |                           |                         |                | 13000          | Herdgebiet<br>nach USCGS:<br>Küstengebiet<br>von Chile<br>37 1/2° S,<br>73 1/2° W |             |
|               | Z     | ePKP              |     | 21   | 36 |                           |                         |                |                |   |             |
|               | NW    | eSKS              |     | 28   | 29 |                           |                         |                |                |   |             |
|               | ZNW   | ePS               |     | 32.5 |    |                           |                         |                |                |   |             |
|               | NW    | eSS               |     | 38.5 |    |                           |                         |                |                |   |             |
|               | F     | 13                | 30  |      |    |                           |                         |                |                |   |             |



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| Datum          | Komp.                        | Phase                                | MGZ |    |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen   |
|----------------|------------------------------|--------------------------------------|-----|----|------|---------------------------|-------------------------|----------------|----------------|----------------|---|
|                |                              |                                      | h   | m  | s    |                           | A <sub>H</sub>          | A <sub>M</sub> | A <sub>S</sub> |                |   |
| 21. Mai<br>III | Z                            | e<br>F                               | 13  | 19 | (45) |                           |                         |                |                |                | Nachstoß<br>im vorübergehenden Beben                      |
| 21. Mai<br>IV  | Z                            | ePKP<br>F                            | 15  | 35 | 55   |                           |                         |                |                |                | Weiterer<br>Nachstoß                                      |
| 22. Mai<br>I   | Z                            | ePKP<br>F                            | 01  | 18 | (02) |                           |                         |                |                |                |   |
| 22. Mai<br>II  | ZNE<br>Z<br>ZNE<br>ZNE<br>NE | eP<br>ePKP<br>e(FP)<br>e<br>ePS<br>F | 10  | 50 | (17) |                           |                         |                | 13000          |                | Herdgebiet<br>nach USCGS:<br>Chile<br>38° S,<br>73.5° W   |
| 22. Mai<br>III | Z                            | e                                    | 11  | 02 | 12   |                           |                         |                |                |                | Überlagerter<br>Nachstoß                                  |
| 22. Mai<br>IV  | Z                            | ePKP<br>F                            | 15  | 42 | (35) |                           |                         |                |                |                |   |
| 22. Mai<br>V   | Z<br>Z<br>Z                  | eP<br>ePKP<br>e(FP)<br>F             | 19  | 10 | 51   |                           |                         |                |                |                | Herdgebiet<br>nach USCGS:<br>Chile<br>38° S,<br>73 1/2° W |
| 23. Mai<br>I   | Z                            | ePKP<br>F                            | 00  | 44 | 30   |                           |                         |                |                |                | Nachstoß  |
| 23. Mai<br>II  | Z                            | e(PKP)<br>F                          | 01  | 11 | 05   |                           |                         |                |                |                | Weiterer<br>Nachstoß                                      |
| 23. Mai<br>III | Z<br>Z                       | ePKP<br>eFP<br>F                     | 05  | 32 | 17   |                           |                         |                | 13000          |                | Weiterer<br>Nachstoß                                      |
| 23. Mai<br>IV  | Z<br>Z                       | ePKP<br>e<br>F                       | 07  | 28 | 15   |                           |                         |                |                |                | Weiterer<br>Nachstoß                                      |
| 23. Mai<br>V   | Z<br>Z                       | e<br>eFP<br>F                        | 10  | 58 | (02) |                           |                         |                |                |                | Weiterer<br>Nachstoß                                      |

Plauen 1960

| Datum          | Komp.                            | Phase   | MGZ |    |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen |   |
|----------------|----------------------------------|---|-----|----|------|---------------------------|-------------------------|----------------|----------------|----------------|-------------|---|
|                |                                  |   | h   | m  | s    |                           | A <sub>H</sub>          | A <sub>M</sub> | A <sub>S</sub> |                |             |   |
| 24. Mai        | Z<br>Z<br>NWNE<br>ZNWNE          | ePKP <sub>1</sub><br>e<br>ePKP <sub>2</sub><br>e<br>F | 15  | 06 | (42) |                           |                         |                |                |                | 18000       | Herdgebiet<br>nach USCGS:<br>Neuseeland                   |
| 25. Mai<br>I   | Z<br>ZNE<br>ZNE<br>Z             | ePKP<br>eFP<br>e<br>eFP<br>F                          | 08  | 53 | 32   |                           |                         |                |                |                | 13500       | Herdgebiet<br>nach USCGS:<br>Chile<br>45° S,<br>76° W     |
| 25. Mai<br>II  | Z<br>Z                           | ePKP<br>epPKP<br>F                                    | 15  | 18 | (02) |                           |                         |                |                |                |             | im Streifenwechsel  |
| 26. Mai<br>I   | ZNWNE<br>ZNW<br>NE<br>NE<br>NWNE | eP<br>e<br>e<br>i<br>i<br>F                           | 05  | 12 | 55   |                           |                         |                |                |                |             |   |
| 26. Mai<br>II  | ZNWNE<br>ZNWNE                   | eP<br>e(PcP)<br>F                                     | 20  | 15 | 43   |                           |                         |                |                |                |             |   |
| 27. Mai<br>I   | Z                                | ePKP<br>F   | 00  | 44 | 49   |                           |                         |                |                |                |             |   |
| 27. Mai<br>II  | Z<br>Z                           | e<br>e<br>F   | 13  | 31 | 48   |                           |                         |                |                |                |             | Vermutlich<br>Sprengung                                   |
| 27. Mai<br>III | Z                                | ePKP<br>F   | 23  | 25 | 51   |                           |                         |                |                |                |             |   |
| 29. Mai        | Z<br>Z<br>Z                      | ePKP<br>eFP<br>ePPP<br>F                              | 07  | 58 | 10   |                           |                         |                |                |                | 13000       | Herdgebiet<br>nach USCGS:<br>Chile<br>38° S,<br>72 1/2° W |
| 30. Mai        | Z<br>NE<br>ZNW                   | eSn<br>e<br>eSg<br>F                                  | 21  | 29 | 45   |                           |                         |                |                |                | 980         | Herdgebiet<br>nach BCIS:<br>Jugoslawien                   |



Plauen 1960

| Datum       | Komp. | Phase | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen |
|-------------|-------|-------|-----|------|----|---------------------------|-------------------------|----------------|----------------|----------------|-------------|
|             |       |       | h   | m    | s  |                           | A <sub>H</sub>          | A <sub>M</sub> | A <sub>S</sub> |                |             |
| 31. Mai     | ZNW   | eP    | 00  | 32   | 41 |                           |                         |                |                |                |             |
| I           |       | F     | 00  | 35   |    |                           |                         |                |                |                |             |
| 31. Mai     | Z     | ePKP  | 02  | 58   | 49 |                           |                         |                |                |                |             |
| II          |       | F     | 03  | 00   |    |                           |                         |                |                |                |             |
| 31. Mai     | ZNWNE | eP    | 11  | 13   | 05 |                           |                         |                |                |                |             |
| III         |       | F     | 11  | 20   |    |                           |                         |                |                |                |             |
| <u>Juni</u> |       |       |     |      |    |                           |                         |                |                |                |             |
| 2. Juni     | Z     | ePKP  | 06  | 16   | 56 |                           |                         |                |                |                |             |
| I           |       | F     | 06  | 24   |    |                           |                         |                |                |                |             |
| 2. Juni     | Z     | ePKP  | 08  | 06   | 11 |                           |                         |                |                |                |             |
| II          | Z     | e     |     | 06   | 24 |                           |                         |                |                |                |             |
|             |       | F     | 08  | 11   |    |                           |                         |                |                |                |             |
| 2. Juni     | Z     | ePKP  | 19  | 17   | 49 |                           |                         |                |                |                |             |
| III         | Z     | e     |     | 17   | 54 |                           |                         |                |                |                |             |
|             |       | F     | 19  | 22   |    |                           |                         |                |                |                |             |
| 3. Juni     | ZNWNE | e     | 10  | 54   | 12 |                           |                         |                |                |                |             |
| I           | ZNWNE | e     |     | 54   | 17 |                           |                         |                |                |                |             |
|             | Z     | i     |     | 54   | 19 |                           |                         |                |                |                |             |
|             |       | F     | 10  | 54.7 |    |                           |                         |                |                |                |             |
| 3. Juni     | ZNWNE | ePKP  | 13  | 42   | 12 |                           |                         |                |                |                |             |
| II          |       | F     | 13  | 49   |    |                           |                         |                |                |                |             |
| 3. Juni     | ZNE   | eP    | 16  | 29   | 58 |                           |                         |                |                |                |             |
| III         | ZNE   | epP   |     | 30   | 22 |                           |                         |                |                |                |             |
|             | Z     | e     |     | 31   | 03 |                           |                         |                |                |                |             |
|             |       | F     | 16  | 35   |    |                           |                         |                |                |                |             |
| 4. Juni     | Z     | e     | 03  | 30   | 44 |                           |                         |                |                |                |             |
| I           |       | F     | 03  | 35   |    |                           |                         |                |                |                |             |
| 4. Juni     | Z     | eP    | 08  | 15   | 56 |                           |                         |                |                |                |             |
| II          |       | F     | 08  | 18   |    |                           |                         |                |                |                |             |
| 6. Juni     | ZNWNE | eP    | 01  | 30   | 09 |                           |                         |                |                |                |             |
| I           | Z     | e     |     | 30   | 17 |                           |                         |                |                |                |             |
|             | ZNW   | e     |     | 30   | 28 |                           |                         |                |                |                |             |
|             | NE    | e     |     | 30   | 41 |                           |                         |                |                |                |             |
|             |       | F     | 01  | 37   |    |                           |                         |                |                |                |             |

Plauen 1960

| Datum    | Komp. | Phase | MGZ |      |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen                                       |
|----------|-------|-------|-----|------|------|---------------------------|-------------------------|----------------|----------------|----------------|---|
|          |       |       | h   | m    | s    |                           | A <sub>H</sub>          | A <sub>M</sub> | A <sub>S</sub> |                |   |
| 6. Juni  | Z     | ePKP  | 06  | 14   | 36   |                           |                         |                |                | 13200          | Herdgebiet nach USCGS: Chile 45 1/2° S, 73 1/2° W |
| II       | Z     | e     |     | 14   | 40   |                           |                         |                |                |                |   |
|          | Z     | ePP   |     | 15   | 27   |                           |                         |                |                |                |   |
|          | Z     | e     |     | 16   | 47   |                           |                         |                |                |                |   |
|          | ZNE   | e     |     | 17   | 12   |                           |                         |                |                |                |   |
|          | NE    | eSKS  |     | 21.6 |      |                           |                         |                |                |                |   |
|          |       | F     | 08  | 30   |      |                           |                         |                |                |                |   |
| 7. Juni  | ZNWNE | eP    | 13  | 08   | 45   |                           |                         |                |                |                |   |
| I        |       | F     | 13  | 11   |      |                           |                         |                |                |                |   |
| 7. Juni  | Z     | eP    | 15  | 43   | 56   |                           |                         |                |                |                |   |
| II       |       | F     | 15  | 48   |      |                           |                         |                |                |                |   |
| 8. Juni  | ZNWNE | eP    | 16  | 27   | (00) |                           |                         |                |                | 4300           | Herdgebiet nach USCGS: Atlantischer Ozean         |
|          | ZNE   | ePP   |     | 28   | 24   |                           |                         |                |                |                |   |
|          |       | F     | 16  | 34   |      |                           |                         |                |                |                |   |
| 9. Juni  | ZNW   | eP    | 02  | 49   | 09   |                           |                         |                |                |                |   |
| I        |       | F     | 02  | 52   |      |                           |                         |                |                |                |   |
| 9. Juni  | Z     | eP    | 08  | 26   | (51) |                           |                         |                |                |                |   |
| II       | Z     | e     |     | 27   | 09   |                           |                         |                |                |                |   |
|          |       | F     | 08  | 37   |      |                           |                         |                |                |                |   |
| 9. Juni  | Z     | ePKP  | 11  | 43   | 27   |                           |                         |                |                |                |   |
| III      |       | F     | 11  | 50   |      |                           |                         |                |                |                |   |
| 9. Juni  | ZNWNE | eP    | 17  | 53   | 49   |                           |                         |                |                |                |   |
| IV       | NE    | e     |     | 54   | 02   |                           |                         |                |                |                |   |
|          |       | F     | 18  | 02   |      |                           |                         |                |                |                |   |
| 10. Juni | Z     | ePKP  | 21  | 31   | 42   |                           |                         |                |                |                |   |
|          |       | F     | 21  | 36   |      |                           |                         |                |                |                |   |
| 11. Juni | Z     | ePKP  | 15  | 33   | 14   |                           |                         |                |                | 14200          | Herdgebiet nach USCGS: Insel Entre-casteaux       |
| I        | ZNE   | ePP   |     | 35   | 14   |                           |                         |                |                |                |   |
|          |       | F     | 15  | 50   |      |                           |                         |                |                |                |   |
| 11. Juni | Z     | ePKP  | 16  | 56   | 46   |                           |                         |                |                |                |   |
| II       | Z     | e     |     | 56   | 50   |                           |                         |                |                |                |   |
|          |       | F     | 17  | 20   |      |                           |                         |                |                |                |   |
| 12. Juni | Z     | ePKP  | 04  | 15   | 30   |                           |                         |                |                |                |   |
| I        | Z     | e     |     | 15   | 38   |                           |                         |                |                |                |   |
|          | Z     | epPKP |     | 17   | 47   |                           |                         |                |                |                |   |
|          |       | F     | 04  | 18   |      |                           |                         |                |                |                |   |



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| Datum    | Komp. | Phase  | MGZ                |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen  |
|----------|-------|--------|--------------------|----|----|---------------------------|-------------------------|----------------|----------------|----------------|--|
|          |       |        | h                  | m  | s  |                           | A <sub>g</sub>          | A <sub>z</sub> | A <sub>s</sub> |                |  |
| 12. Juni | Z     | e(FKP) | 07                 | 18 | 14 |                           |                         |                |                |                |  |
| II       |       | F      | 07                 | 19 |    |                           |                         |                |                |                |  |
| 12. Juni | Z     | e      | 14                 | 01 | 55 |                           |                         |                |                |                | Sprengung  |
| III      |       | F      | 14                 | 01 |    |                           |                         |                |                |                |  |
| 15. Juni | Z     | eF     | 15                 | 48 | 57 |                           |                         |                |                |                |  |
| I        |       | F      | 15                 | 55 |    |                           |                         |                |                |                |  |
| 15. Juni | Z     | ePP    | 23                 | 46 | 45 |                           |                         |                |                |                |  |
| II       |       | F      | im folgenden Beben |    |    |                           |                         |                |                |                |  |
| 15. Juni | Z     | ePKP   | 23                 | 51 | 23 |                           |                         |                |                |                |  |
| III      | Z     | e      |                    | 51 | 42 |                           |                         |                |                |                |  |
|          | Z     | i      |                    | 52 | 03 |                           |                         |                |                |                |  |
|          | Z     | F      | 23                 | 57 |    |                           |                         |                |                |                |  |
| 16. Juni | Z     | eP     | 10                 | 31 | 22 |                           |                         |                |                |                |  |
|          |       | F      | 10                 | 35 |    |                           |                         |                |                |                |  |
| 17. Juni | Z     | ePKP   | 05                 | 21 | 11 |                           |                         |                |                |                |  |
| I        |       | F      | 05                 | 26 |    |                           |                         |                |                |                |  |
| 17. Juni | ZNWNE | eIP    | 16                 | 47 | 34 |                           |                         |                |                |                |  |
| II       | ZNWNE | e(PcP) |                    | 47 | 46 |                           |                         |                |                |                |  |
|          |       | F      | 16                 | 52 |    |                           |                         |                |                |                |  |
| 18. Juni | ZNW   | eP     | 02                 | 08 | 36 |                           |                         |                |                |                |  |
|          | ZNW   | e      |                    | 08 | 46 |                           |                         |                |                |                |  |
|          | ZNW   | e      |                    | 09 | 16 |                           |                         |                |                |                |  |
|          |       | F      | 02                 | 12 |    |                           |                         |                |                |                |  |
| 19. Juni | ZNW   | e(P)   | 02                 | 34 | 25 |                           |                         |                |                |                |  |
| I        |       | F      | 02                 | 38 |    |                           |                         |                |                |                |  |
| 19. Juni | ZNE   | ePg    | 03                 | 36 | 33 |                           |                         |                | 480            |                | Herdgebiet nach BCIS: Elsässi-scher Jura 47.5° N, 7.3° E |
| II       | ZNE   | e      |                    | 36 | 38 |                           |                         |                |                |                |  |
|          | ZNE   | e      |                    | 37 | 20 |                           |                         |                |                |                |  |
|          | ZNW   | e      |                    | 37 | 26 |                           |                         |                |                |                |  |
|          | ZNWNE | iSg    |                    | 37 | 29 |                           |                         |                |                |                |  |
|          | ZNE   | i      |                    | 37 | 32 |                           |                         |                |                |                |  |
|          |       | F      | 03                 | 40 |    |                           |                         |                |                |                |  |
| 19. Juni | Z     | ePKP   | 12                 | 40 | 34 |                           |                         |                |                |                |  |
| III      |       | F      | 12                 | 41 |    |                           |                         |                |                |                |  |

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| Datum    | Komp. | Phase  | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen                                   |
|----------|-------|--------|-----|------|----|---------------------------|-------------------------|----------------|----------------|----------------|---|
|          |       |        | h   | m    | s  |                           | A <sub>g</sub>          | A <sub>z</sub> | A <sub>s</sub> |                |   |
| 19. Juni | Z     | e(P)   | 12  | 46   | 35 |                           |                         |                |                |                |   |
| IV       | Z     | e      |     | 46   | 47 |                           |                         |                |                |                |   |
|          |       | F      | 12  | 47   |    |                           |                         |                |                |                |   |
| 20. Juni | Z     | ePKP   | 02  | 19   | 55 |                           |                         |                |                | 13000          | Herdgebiet nach USCGS: Chile 38° S, 73 1/2° W |
| I        | ZNE   | ePP    |     | 20   | 49 |                           |                         |                |                |                |   |
|          | ZNWNE | e(PPP) |     | 23   | 17 |                           |                         |                |                |                |   |
|          | NWNE  | eSKS   |     | 26.7 |    |                           |                         |                |                |                |   |
|          | NWNE  | eFS    |     | 30.7 |    |                           |                         |                |                |                |   |
|          |       | F      | 03  | 45   |    |                           |                         |                |                |                |   |
| 20. Juni | Z     | e      | 13  | 17   | 56 |                           |                         |                |                | 13000          | Herdgebiet nach USCGS: Chile 39 1/2° S, 73° W |
| II       | Z     | ePKP   |     | 18   | 32 |                           |                         |                |                |                |   |
|          | ZNE   | ePP    |     | 19   | 28 |                           |                         |                |                |                |   |
|          | ZNE   | ePPP   |     | 22   | 03 |                           |                         |                |                |                |   |
|          | NWNE  | eFS    |     | 29   | 16 |                           |                         |                |                |                |   |
|          |       | F      | 14  | 30   |    |                           |                         |                |                |                |   |
| 21. Juni | Z     | e(PKP) | 21  | 53   | 18 |                           |                         |                |                |                |   |
|          |       | F      | 21  | 56   |    |                           |                         |                |                |                |   |
| 22. Juni | Z     | eP     | 16  | 21   | 22 |                           |                         |                |                |                |   |
|          |       | F      | 16  | 25   |    |                           |                         |                |                |                |   |
| 24. Juni | Z     | ePKP   | 15  | 47   | 52 |                           |                         |                |                |                |   |
|          |       | F      | 15  | 49   |    |                           |                         |                |                |                |   |
| 25. Juni | Z     | e      | 02  | 23   | 10 |                           |                         |                |                |                |   |
| I        |       | F      | 02  | 24   |    |                           |                         |                |                |                |   |
| 25. Juni | Z     | eP     | 14  | 05   | 57 |                           |                         |                |                |                |   |
| II       |       | F      | 14  | 09   |    |                           |                         |                |                |                |   |
| 25. Juni | Z     | e      | 14  | 31   | 24 |                           |                         |                |                |                | Nahbeben                                      |
| III      |       | F      | 14  | 33   |    |                           |                         |                |                |                |   |
| 25. Juni | Z     | e      | 15  | 01   | 21 |                           |                         |                |                |                |   |
| IV       |       | F      | 15  | 05   |    |                           |                         |                |                |                |   |
| 25. Juni | Z     | eP     | 20  | 04   | 54 |                           |                         |                |                |                |   |
| V        |       | F      | 20  | 05   |    |                           |                         |                |                |                |   |
| 26. Juni | NE    | e      | 06  | 34   | 28 |                           |                         |                |                |                |   |
|          | NE    | e      |     | 34   | 44 |                           |                         |                |                |                |   |
|          |       | F      | 06  | 36   |    |                           |                         |                |                |                | Vermutlich Sprengung                          |



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| Datum       | Komp. | Phase | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km   | Bemerkungen |
|-------------|-------|-------|-----|----|----|---------------------------|-------------------------|----------------|----------------|--|-------------|
|             |       |       | h   | m  | s  |                           | A <sub>H</sub>          | A <sub>V</sub> | A <sub>S</sub> |  |             |
| 29. Juni    | Z     | e(P)  | 10  | 29 | 35 |                           |                         |                |                |  |             |
|             | ZNW   | e     |     | 29 | 40 |                           |                         |                |                |  |             |
|             |       | F     | 10  | 35 |    |                           |                         |                |                |  |             |
| <u>Juli</u> |       |       |     |    |    |                           |                         |                |                |  |             |
| 1. Juli     | Z     | eP    | 08  | 10 | 21 |                           |                         |                |                |  |             |
|             | Z     | e     |     | 10 | 27 |                           |                         |                |                |  |             |
|             |       | F     | 08  | 15 |    |                           |                         |                |                |  |             |
| 2. Juli     | Z     | eP    | 04  | 41 | 28 |                           |                         |                |                |  |             |
|             | I     | F     | 04  | 45 |    |                           |                         |                |                |  |             |
| 2. Juli     | Z     | eP    | 12  | 55 | 06 |                           |                         |                |                |  |             |
|             | II    | F     | 12  | 56 |    |                           |                         |                |                |  |             |
| 3. Juli     | Z     | eP    | 03  | 31 | 16 |                           |                         |                |                |  |             |
|             | I     | F     | 03  | 33 |    |                           |                         |                |                |  |             |
| 3. Juli     | ZNE   | iP    | 20  | 32 | 52 |                           |                         |                | 8800           | Herdgebiet<br>nach USCGS:<br>Andreanof-<br>Inseln<br>(Aleuten) |             |
|             | II    | eS    |     | 42 | 52 |                           |                         |                |                |  |             |
|             | ZNE   | F     | 21  | 30 |    |                           |                         |                |                |  |             |
| 3. Juli     | Z     | eP    | 23  | 04 | 30 |                           |                         |                |                |  |             |
|             | III   | F     | 23  | 09 |    |                           |                         |                |                |  |             |
| 4. Juli     | Z     | eP    | 04  | 40 | 07 |                           |                         |                |                |  |             |
|             | I     | F     | 05  | 35 |    |                           |                         |                |                |  |             |
| 4. Juli     | Z     | eP    | 13  | 21 | 40 |                           |                         |                |                |  |             |
|             | II    | F     | 13  | 27 |    |                           |                         |                |                |  |             |
| 4. Juli     | Z     | eP    | 14  | 01 | 54 |                           |                         |                |                |  |             |
|             | III   | F     | 14  | 03 |    |                           |                         |                |                |  |             |
| 6. Juli     | Z     | eP    | 05  | 24 | 32 |                           |                         |                |                |  |             |
|             | Z     | e     |     | 29 | 45 |                           |                         |                |                |  |             |
|             | Z     | e     |     | 34 | 24 |                           |                         |                |                |  |             |
|             |       | F     | 05  | 36 |    |                           |                         |                |                |  |             |
| 8. Juli     | ZNE   | eP    | 13  | 03 | 42 |                           |                         |                |                |  |             |
|             |       | F     | 13  | 07 |    |                           |                         |                |                |  |             |
| 9. Juli     | NE    | e(Sg) | 22  | 49 | 13 |                           |                         |                |                |  |             |
|             | NE    | e     |     | 49 | 27 |                           |                         |                |                |  |             |
|             |       | F     | 22  | 54 |    |                           |                         |                |                |  | Nahbeben    |

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| Datum    | Komp. | Phase | MGZ |    |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen   |
|----------|-------|-------|-----|----|------|---------------------------|-------------------------|----------------|----------------|----------------|---|
|          |       |       | h   | m  | s    |                           | A <sub>H</sub>          | A <sub>V</sub> | A <sub>S</sub> |                |   |
| 10. Juli | NE    | e(P)  | 00  | 18 | 16   |                           |                         |                |                |                |   |
|          | NE    | eS    |     | 28 | 40   |                           |                         |                |                |                |   |
|          |       | F     | 00  | 40 |      |                           |                         |                |                |                | Herdgebiet<br>nach USCGS:<br>Westküste<br>von Sumatra |
| 11. Juli | ZNE   | ePKP  | 12  | 14 | 48   |                           |                         |                |                |                |   |
|          |       | F     | 12  | 55 |      |                           |                         |                |                |                |   |
| 12. Juli | NE    | e     | 14  | 12 | (02) |                           |                         |                |                |                | Nahbeben  |
|          |       | F     | 14  | 15 |      |                           |                         |                |                |                |   |
| 13. Juli | NW    | eP    | 10  | 23 | 48   |                           |                         |                |                |                |   |
|          | I     | F     | 10  | 33 |      |                           |                         |                |                |                |   |
| 13. Juli | ZNE   | eP    | 13  | 04 | 14   |                           |                         |                |                |                |   |
|          | II    | e(S)  |     | 06 | 54   |                           |                         |                |                |                | Herdgebiet<br>nach BCIS:<br>Griechen-<br>land         |
|          |       | F     | 13  | 18 |      |                           |                         |                |                |                |   |
| 14. Juli | NWNE  | ePn   | 04  | 18 | 48   |                           |                         |                |                | 450            | Herdgebiet<br>nach BCIS:<br>Tolmezzo<br>(Italien)     |
|          | I     | e     |     | 18 | 59   |                           |                         |                |                |                |   |
|          |       | e     |     | 19 | 45   |                           |                         |                |                |                |   |
|          |       | iSg   |     | 19 | 53   |                           |                         |                |                |                |   |
|          |       | F     | 04  | 25 |      |                           |                         |                |                |                |   |
| 14. Juli | NE    | eP    | 10  | 40 | 56   |                           |                         |                |                |                |   |
|          | II    | F     | 10  | 42 |      |                           |                         |                |                |                |   |
| 15. Juli | NWNE  | eP    | 05  | 13 | 10   |                           |                         |                |                |                |   |
|          |       | F     | 06  | 17 |      |                           |                         |                |                |                |   |
| 16. Juli | NE    | eP    | 21  | 30 | 15   |                           |                         |                |                |                |   |
|          |       | F     | 21  | 32 |      |                           |                         |                |                |                |   |
| 18. Juli | NWNE  | eP    | 19  | 01 | 27   |                           |                         |                |                |                |   |
|          |       | F     | 19  | 05 |      |                           |                         |                |                |                |   |
| 20. Juli | NE    | eP    | 09  | 42 | 30   |                           |                         |                |                |                |   |
|          | I     | e     |     | 42 | 36   |                           |                         |                |                |                |   |
|          |       | e     |     | 42 | 48   |                           |                         |                |                |                |   |
|          |       | F     | 09  | 47 |      |                           |                         |                |                |                |   |
| 20. Juli | NWNE  | ePKP  | 21  | 18 | 43   |                           |                         |                |                |                |   |
|          | II    | e     |     | 18 | 54   |                           |                         |                |                |                |   |
|          |       | F     | 21  | 25 |      |                           |                         |                |                |                |   |
| 20. Juli | NW    | e     | 23  | 14 | 18   |                           |                         |                |                |                | Nahbeben  |
|          | III   | F     | 23  | 18 |      |                           |                         |                |                |                |   |



Plauen 1960

| Datum          | Komp.   | Phase                            | MGZ      |    |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen  |
|----------------|---|----------------------------------|----------|----|------|---------------------------|-------------------------|----------------|----------------|----------------|--|
|                |   |                                  | h        | m  | s    |                           | A <sub>r</sub>          | A <sub>g</sub> | A <sub>s</sub> |                |  |
| 21. Juli       | NE  | ePKP<br>F                        | 00       | 30 | 23   |                           |                         |                |                |                |  |
| 24. Juli       | Z   | eP<br>F                          | 10       | 00 | 18   |                           |                         |                |                |                |  |
| 25. Juli       | NE<br>Z <del>NWNE</del><br>NE<br>NWNE<br>NWNE | eP<br>e1P<br>e<br>eS<br>ePS<br>F | 11       | 23 | (18) |                           |                         |                | 8000           |                | Herdgebiet nach USCGS: Küste von Kamschatka 54° N, 159° E        |
| 27. Juli       | ZNE   | ePP<br>F                         | 10       | 25 | 18   |                           |                         |                |                |                |  |
| 29. Juli<br>I  | Z   | eP<br>F                          | 10       | 53 | 16   |                           |                         |                |                |                |  |
| 29. Juli<br>II | ZNE<br>NW<br>NE<br>NE<br>NWNE                 | eP<br>e<br>epP<br>eS<br>e<br>F   | 17       | 43 | 40   |                           |                         |                | 8800           |                | h = ca. 100 km<br>Herdgebiet nach USCGS: Hondo 40° N, 142 1/2° E |
| 30. Juli       | Z <del>NWNE</del><br>NWNE                     | e<br>e<br>F                      | 12       | 58 | 47   |                           |                         |                |                |                | Vermutlich Sprengung   |
| 31. Juli       | Z   | ePKP<br>F                        | 03       | 14 | 45   |                           |                         |                |                |                |  |
| <u>August</u>  |   |                                  |          |    |      |                           |                         |                |                |                |  |
| 1. Aug.        | Z <del>NWNE</del>                             | eP<br>F                          | 02<br>03 | 28 | 10   |                           |                         |                |                |                |  |
| 2. Aug.<br>I   | Z <del>NWNE</del><br>NW                       | ePKP<br>e<br>F                   | 05<br>05 | 26 | 55   |                           |                         |                |                |                |  |
| 2. Aug.<br>II  | Z <del>NW</del>                               | eP<br>F                          | 20<br>21 | 57 | 52   |                           |                         |                |                |                |  |

Plauen 1960

| Datum          | Komp.                                  | Phase                     | MGZ      |    |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen  |
|----------------|--|---------------------------|----------|----|------|---------------------------|-------------------------|----------------|----------------|----------------|--|
|                |  |                           | h        | m  | s    |                           | A <sub>r</sub>          | A <sub>g</sub> | A <sub>s</sub> |                |  |
| 4. Aug.        | ZNE                                    | eP<br>F                   | 07<br>09 | 46 | 45   |                           |                         |                |                |                |  |
| 5. Aug.        | Z                                      | ePKP<br>F                 | 14       | 57 | 26   |                           |                         |                |                |                |  |
| 3. Aug.<br>I   | NE<br>NW<br>Z <del>NW</del><br>NE      | e<br>e<br>e<br>e<br>F     | 05       | 47 | 38   |                           |                         |                |                |                | Nahbeben   |
| 8. Aug.<br>II  | NW                                     | eP<br>F                   | 12<br>12 | 36 | 38   |                           |                         |                |                |                |  |
| 8. Aug.<br>III | Z <del>NW</del>                        | eP<br>F                   | 20<br>20 | 40 | 35   |                           |                         |                |                |                |  |
| 9. Aug.<br>I   | Z                                      | eP<br>F                   | 07<br>08 | 51 | (52) |                           |                         |                |                |                |  |
| 9. Aug.<br>II  | Z<br>Z <del>NW</del>                   | ePKP<br>e<br>F            | 17<br>17 | 06 | 17   |                           |                         |                |                |                |  |
| 11. Aug.       | NW                                     | e<br>F                    | 03<br>03 | 20 | 50   |                           |                         |                |                |                | Nahbeben   |
| 13. Aug.       | ZNE<br>NWNE<br>Z <del>NWNE</del><br>NE | eP<br>epP<br>e<br>eS<br>F | 07       | 23 | 06   |                           |                         |                | 3700           |                | h = ca. 60 km<br>Herdgebiet nach USCGS: Ostküste von Hondo |
| 17. Aug.       | NWNE<br>NW<br>NWNE                     | eP<br>e<br>iS<br>F        | 15       | 29 | 04   |                           |                         |                |                |                | 380 Herdgebiet nach BCIS: Birkenfeld (Rheinland)           |
| 24. Aug.       | NWNE                                   | eP<br>F                   | 01<br>02 | 55 | 36   |                           |                         |                |                |                |  |
| 25. Aug.       | NWNE                                   | eP<br>F                   | 17<br>18 | 53 | 52   |                           |                         |                |                |                |  |



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| Datum           | Komp. | Phase | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km                           | Bemerkungen |
|-----------------|-------|-------|-----|----|----|---------------------------|-------------------------|----------------|----------------|--|-------------|
|                 |       |       | h   | m  | s  |                           | A <sub>H</sub>          | A <sub>B</sub> | A <sub>S</sub> |  |             |
| 27. Aug.<br>I   | ZNW   | eP    | 10  | 21 | 37 |                           |                         |                |                | Herdgebiet<br>nach BCIS:<br>Kreta        |             |
|                 | NW    | e     |     | 22 | 30 |                           |                         |                |                |  |             |
|                 | ZNWNE | e     |     | 24 | 13 |                           |                         |                |                |  |             |
|                 | NWNE  | e(S)  |     | 25 | 25 |                           |                         |                |                |  |             |
|                 | NW    | e     |     | 28 | 05 |                           |                         |                |                |  |             |
|                 |       | F     | 10  | 37 |    |                           |                         |                |                |  |             |
| 27. Aug.<br>II  | NW    | e(Sg) | 11  | 16 | 27 |                           |                         |                |                | Nahbeben                                 |             |
|                 | NW    | e     |     | 16 | 38 |                           |                         |                |                |  |             |
|                 |       | F     | 11  | 18 |    |                           |                         |                |                |  |             |
| 27. Aug.<br>III | NWNE  | eP    | 18  | 27 | 33 |                           |                         |                |                |  |             |
|                 |       | F     | 18  | 31 |    |                           |                         |                |                |  |             |
| 29. Aug.<br>I   | NWNE  | e     | 00  | 01 | 32 |                           |                         |                |                | Nahbeben                                 |             |
|                 |       | F     | 00  | 04 |    |                           |                         |                |                |  |             |
| 29. Aug.<br>II  | NW    | eP    | 18  | 04 | 52 |                           |                         |                |                | Herdgebiet<br>nach BCIS:<br>Kreta        |             |
|                 | NW    | e(S)  |     | 08 | 41 |                           |                         |                |                |  |             |
|                 |       | F     | 18  | 09 |    |                           |                         |                |                |  |             |
| 31. Aug.<br>I   | NW    | eP    | 22  | 16 | 30 |                           |                         |                |                |  |             |
|                 |       | F     | 22  | 20 |    |                           |                         |                |                |  |             |
| September       |       |       |     |    |    |                           |                         |                |                |  |             |
| 1. Sept.<br>I   | NW    | e     | 10  | 56 | 55 |                           |                         |                |                |  |             |
|                 |       | F     | 11  | 01 |    |                           |                         |                |                |  |             |
| 1. Sept.<br>II  | NWNE  | eP    | 15  | 48 | 45 |                           |                         |                |                | 8100 Herdgebiet<br>nach USCGS:<br>Alaska |             |
|                 | NWNE  | eS    |     | 58 | 09 |                           |                         |                |                |  |             |
|                 |       | F     | 16  | 40 |    |                           |                         |                |                |  |             |
| 2. Sept.<br>I   | NW    | e     | 15  | 01 | 09 |                           |                         |                |                | Spr engung                               |             |
|                 |       | F     | 15  | 03 |    |                           |                         |                |                |  |             |
| 2. Sept.<br>II  | NW    | eP    | 22  | 14 | 43 |                           |                         |                |                |  |             |
|                 |       | F     | 22  | 20 |    |                           |                         |                |                |  |             |
| 3. Sept.<br>I   | NW    | eP    | 00  | 05 | 33 |                           |                         |                |                |  |             |
|                 |       | F     | 00  | 08 |    |                           |                         |                |                |  |             |
| 3. Sept.<br>II  | NE    | ePKP  | 12  | 59 | 46 |                           |                         |                |                |  |             |
|                 | NE    | e     | 13  | 01 | 47 |                           |                         |                |                |  |             |
|                 |       | F     | 13  | 04 |    |                           |                         |                |                |  |             |

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| Datum           | Komp. | Phase | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km                    | Bemerkungen |
|-----------------|-------|-------|-----|----|----|---------------------------|-------------------------|----------------|----------------|-----------------------------------|-------------|
|                 |       |       | h   | m  | s  |                           | A <sub>H</sub>          | A <sub>B</sub> | A <sub>S</sub> |                                   |             |
| 3. Sept.<br>III | NWNE  | eP    | 23  | 58 | 22 |                           |                         |                |                |                                   |             |
|                 |       | F     | 24  | 40 |    |                           |                         |                |                |                                   |             |
| 6. Sept.<br>I   | NWNE  | ePKP  | 14  | 22 | 32 |                           |                         |                |                |                                   |             |
|                 | NWNE  | e     |     | 22 | 42 |                           |                         |                |                |                                   |             |
|                 | NE    | e     |     | 22 | 57 |                           |                         |                |                |                                   |             |
|                 |       | F     | 14  | 25 |    |                           |                         |                |                |                                   |             |
| 6. Sept.<br>II  | NE    | eP    | 15  | 36 | 31 |                           |                         |                |                |                                   |             |
|                 |       | F     | 15  | 37 |    |                           |                         |                |                |                                   |             |
| 9. Sept.<br>I   | NW    | e     | 05  | 04 | 54 |                           |                         |                |                | Nahbeben                          |             |
|                 |       | F     | 05  | 11 |    |                           |                         |                |                |                                   |             |
| 9. Sept.<br>II  | NW    | eP    | 16  | 24 | 15 |                           |                         |                |                |                                   |             |
|                 |       | F     | 16  | 28 |    |                           |                         |                |                |                                   |             |
| 9. Sept.<br>III | NW    | eP    | 20  | 09 | 32 |                           |                         |                |                |                                   |             |
|                 |       | F     | 20  | 13 |    |                           |                         |                |                |                                   |             |
| 10. Sept.<br>I  | NW    | eP    | 00  | 23 | 32 |                           |                         |                |                | Herdgebiet<br>nach BCIS:<br>Kreta |             |
|                 | NW    | e(S)  |     | 27 | 19 |                           |                         |                |                |                                   |             |
|                 |       | F     | 00  | 35 |    |                           |                         |                |                |                                   |             |
| 11. Sept.<br>I  | NE    | e     | 14  | 41 | 48 |                           |                         |                |                | Nahbeben                          |             |
|                 |       | F     | 14  | 43 |    |                           |                         |                |                |                                   |             |
| 12. Sept.<br>I  | NWNE  | eP    | 12  | 29 | 37 |                           |                         |                |                |                                   |             |
|                 |       | F     | 12  | 35 |    |                           |                         |                |                |                                   |             |
| 13. Sept.<br>I  | NE    | eP    | 03  | 21 | 24 |                           |                         |                |                |                                   |             |
|                 |       | F     | 03  | 23 |    |                           |                         |                |                |                                   |             |
| 16. Sept.<br>I  | NW    | eP    | 01  | 32 | 20 |                           |                         |                |                |                                   |             |
|                 |       | F     | 01  | 33 |    |                           |                         |                |                |                                   |             |
| 17. Sept.<br>I  | NE    | eP    | 08  | 17 | 13 |                           |                         |                |                |                                   |             |
|                 | NE    | e     |     | 17 | 38 |                           |                         |                |                |                                   |             |
|                 | NE    | e     |     | 17 | 53 |                           |                         |                |                |                                   |             |
|                 | NE    | e     |     | 19 | 50 |                           |                         |                |                |                                   |             |
|                 |       | F     | 09  | 00 |    |                           |                         |                |                |                                   |             |
| 19. Sept.<br>I  | NWNE  | eP    | 19  | 13 | 57 |                           |                         |                |                |                                   |             |
|                 |       | F     | 19  | 30 |    |                           |                         |                |                |                                   |             |
| 20. Sept.<br>I  | NE    | eP    | 04  | 14 | 26 |                           |                         |                |                |                                   |             |
|                 |       | F     | 04  | 17 |    |                           |                         |                |                |                                   |             |



Plauen 1960

| Datum     | Komp. | Phase | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen            |
|-----------|-------|-------|-----|------|----|---------------------------|-------------------------|----------------|----------------|----------------|------------------------|
|           |       |       | h   | m    | s  |                           | A <sub>H</sub>          | A <sub>G</sub> | A <sub>S</sub> |                |                        |
| 20. Sept. | NWNE  | e     | 13  | 03   | 57 |                           |                         |                |                |                | Vermutlich Sprengung   |
| II        | NWNE  | e     |     | 04   | 00 |                           |                         |                |                |                |                        |
|           |       | F     | 13  | 05   |    |                           |                         |                |                |                |                        |
| 22. Sept. | NWNE  | eP    | 05  | 47   | 48 |                           |                         |                |                |                |                        |
| I         | NW    | e     |     | 48   | 11 |                           |                         |                |                |                |                        |
|           |       | F     | 06  | 25   |    |                           |                         |                |                |                |                        |
| 22. Sept. | NWNE  | eP    | 09  | 15   | 11 |                           |                         |                |                |                |                        |
| II        |       | F     | 10  | 00   |    |                           |                         |                |                |                |                        |
| 22. Sept. | NWNE  | eP    | 09  | 24   | 31 |                           |                         |                |                |                | im vorangehenden Beben |
| III       |       | F     |     |      |    |                           |                         |                |                |                |                        |
| 24. Sept. | NWNE  | e     | 14  | 39   | 22 |                           |                         |                |                |                | Vermutlich Sprengung   |
|           |       | F     | 14  | 40   |    |                           |                         |                |                |                |                        |
| 25. Sept. | NE    | e     | 15  | 31   | 34 |                           |                         |                |                |                | Vermutlich Sprengung   |
|           |       | F     | 15  | 32   |    |                           |                         |                |                |                |                        |
| 27. Sept. | NW    | e     | 12  | 36   | 51 |                           |                         |                |                |                | Nahbeben               |
|           |       | F     | 12  | 41   |    |                           |                         |                |                |                |                        |
| 28. Sept. | NW    | e     | 20  | 48   | 54 |                           |                         |                |                |                | Nahbeben               |
|           | NW    | e     |     | 49   | 39 |                           |                         |                |                |                |                        |
|           |       | F     | 20  | 54   |    |                           |                         |                |                |                |                        |
| 29. Sept. | NWNE  | e(FP) | 11  | 35   | 55 |                           |                         |                |                |                |                        |
|           | NW    | e     |     | 36   | 05 |                           |                         |                |                |                |                        |
|           |       | F     | 11  | 40   |    |                           |                         |                |                |                |                        |
| 30. Sept. | NE    | e     | 12  | 43   | 48 |                           |                         |                |                |                | Vermutlich Sprengung   |
| I         |       | F     | 12  | 44.5 |    |                           |                         |                |                |                |                        |
| 30. Sept. | NE    | e     | 13  | 12   | 45 |                           |                         |                |                |                | Vermutlich Sprengung   |
| II        | NE    | e     |     | 12   | 52 |                           |                         |                |                |                |                        |
|           |       | F     | 13  | 13.5 |    |                           |                         |                |                |                |                        |
| 30. Sept. | NWNE  | i     | 15  | 07   | 50 |                           |                         |                |                |                | Vermutlich Sprengung   |
| III       |       | F     | 15  | 08.5 |    |                           |                         |                |                |                |                        |
| Oktober   |       |       |     |      |    |                           |                         |                |                |                |                        |
| 1. Okt.   | NWNE  | eP    | 05  | 34   | 50 |                           |                         |                |                |                |                        |
| I         |       | F     | 05  | 40   |    |                           |                         |                |                |                |                        |

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| Datum    | Komp. | Phase | MGZ                |      |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen  |
|----------|-------|-------|--------------------|------|------|---------------------------|-------------------------|----------------|----------------|----------------|--|
|          |       |       | h                  | m    | s    |                           | A <sub>H</sub>          | A <sub>G</sub> | A <sub>S</sub> |                |  |
| 1. Okt.  | NW    | eP    | 16                 | 22   | 52   |                           |                         |                |                |                |  |
| II       |       | F     | 16                 | 28   |      |                           |                         |                |                |                |  |
| 3. Okt.  | NE    | eP    | 00                 | 57   | 36   |                           |                         |                |                |                |  |
|          |       | F     | 01                 | 00   |      |                           |                         |                |                |                |  |
| 6. Okt.  | NWNE  | e     | 13                 | 00   | 46   |                           |                         |                |                |                | Vermutlich Sprengung                                 |
| I        | NWNE  | e     |                    | 00   | 59   |                           |                         |                |                |                |  |
|          |       | F     | 13                 | 01.5 |      |                           |                         |                |                |                |  |
| 6. Okt.  | NW    | eP    | 20                 | 00   | 14   |                           |                         |                | 2900           |                | h = ca. 60 km<br>Herdgebiet nach USCGS: Atlantik     |
| II       | NE    | e     |                    | 00   | 17   |                           |                         |                |                |                |  |
|          | NE    | epP   |                    | 00   | 23   |                           |                         |                |                |                |  |
|          | NE    | eS    |                    | 05   | 53   |                           |                         |                |                |                |  |
|          |       | F     | 20                 | 16   |      |                           |                         |                |                |                |  |
| 7. Okt.  | NW    | eP    | 03                 | 21   | 06   |                           |                         |                |                |                |  |
| I        |       | F     | 03                 | 23   |      |                           |                         |                |                |                |  |
| 7. Okt.  | NWNE  | eP    | 15                 | 33   | 15   |                           |                         |                | 12600          |                | Herdgebiet nach USCGS: Banda-See<br>7.4° S, 130.7° E |
| II       | NE    | ePKP  |                    | 37   | 07   |                           |                         |                |                |                |  |
|          | NE    | e     |                    | 37   | 43   |                           |                         |                |                |                |  |
|          | NW    | e(PF) |                    | 38   | 06   |                           |                         |                |                |                |  |
|          | NE    | ePPP  |                    | 40   | 26   |                           |                         |                |                |                |  |
|          | NWNE  | ePS   |                    | 43   | 48   |                           |                         |                |                |                |  |
|          |       | F     | 16                 | 30   |      |                           |                         |                |                |                |  |
| 8. Okt.  | ZNE   | eP    | 06                 | 03   | 42   |                           |                         |                |                |                | Herdgebiet nach USCGS: Japanisches Meer              |
| I        | ZNWNE | eP    |                    | 03   | 45   |                           |                         |                |                |                |  |
|          | NW    | e     |                    | 03   | 56   |                           |                         |                |                |                |  |
|          | NWNE  | e(S)  |                    | 12   | 26   |                           |                         |                |                |                |  |
|          |       | F     | im Streifenwechsel |      |      |                           |                         |                |                |                |  |
| 8. Okt.  | NWNE  | eP    | 20                 | 51   | (59) |                           |                         |                |                |                |  |
| II       |       | F     | 20                 | 55   |      |                           |                         |                |                |                |  |
| 9. Okt.  | ZNWNE | eP    | 09                 | 13   | 31   |                           |                         |                |                |                | Herdgebiet nach USCGS: Nähe der Küste von Hondo      |
|          | NWNE  | e(S)  |                    | 22   | 18   |                           |                         |                |                |                |  |
|          | NE    | e     |                    | 22   | 44   |                           |                         |                |                |                |  |
|          |       | F     | 10                 | 00   |      |                           |                         |                |                |                |  |
| 10. Okt. | NE    | e     | 13                 | 19   | 27   |                           |                         |                |                |                | Vermutlich Sprengung                                 |
|          |       | F     | 13                 | 20   |      |                           |                         |                |                |                |  |



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| Datum           | Komp.                          | Phase                          | MGZ                        |                            |                            | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen   |
|-----------------|--------------------------------|--------------------------------|----------------------------|----------------------------|----------------------------|---------------------------|-------------------------|----------------|----------------|----------------|---|
|                 |                                |                                | h                          | m                          | s                          |                           | A <sub>N</sub>          | A <sub>E</sub> | A <sub>Z</sub> |                |   |
| 13. Okt.<br>I   | NWNE                           | e<br>F                         | 02<br>02                   | 23<br>36                   | 52                         |                           |                         |                |                |                | Nahbeben  |
| 13. Okt.<br>II  | ZNE<br>NE                      | eP<br>(1)<br>F                 | 15<br>15                   | 03<br>03                   | 56<br>(59)                 |                           |                         |                |                |                |   |
| 14. Okt.<br>I   | Z<br>ZNE<br>ZNE<br>ZNE         | e<br>e<br>e<br>F               | 13                         | 49<br>49<br>49             | 09<br>12<br>26<br>48       |                           |                         |                |                |                | Vermutlich<br>drei Spreng-<br>ungen hin-<br>tereinander         |
| 14. Okt.<br>II  | ZNE                            | eP<br>F                        | 21<br>21                   | 31<br>35                   | 09                         |                           |                         |                |                |                |   |
| 18. Okt.        | NWNE                           | e<br>F                         | 14<br>15                   | 59<br>00                   | 00                         |                           |                         |                |                |                | Vermutlich<br>Sprengung   |
| 19. Okt.        | NE                             | e<br>F                         | 12<br>12                   | 43<br>44                   | 17                         |                           |                         |                |                |                | Vermutlich<br>Sprengung   |
| 21. Okt.        | NWNE<br>NWNE                   | e<br>e<br>F                    | 13<br>13                   | 17<br>18.3                 | 25<br>35                   |                           |                         |                |                |                | Vermutlich<br>Sprengung   |
| 22. Okt.<br>I   | Z<br>NW                        | ePKP<br>e<br>F                 | 08<br>08                   | 41<br>48                   | 04<br>25                   |                           |                         |                |                |                |   |
| 22. Okt.<br>II  | Z                              | e<br>F                         | 13<br>13                   | 00<br>02                   | 40                         |                           |                         |                |                |                | Sprengung   |
| 22. Okt.<br>III | ZNW<br>Z<br>ZNE<br>ZNWNE<br>NE | e<br>e<br>e<br>e(Sg)<br>e<br>F | 19<br>19<br>21<br>21<br>21 | 19<br>19<br>05<br>23<br>53 | 35<br>44<br>05<br>23<br>53 |                           |                         |                |                |                | Herdgebiet<br>nach BCIS:<br>Grenzgebiet<br>Rumänien -<br>Ungarn |
| 24. Okt.        | NE                             | e<br>F                         | 15<br>15                   | 50<br>53                   | 36                         |                           |                         |                |                |                | Nahbeben  |
| 25. Okt.        | NE                             | e<br>F                         | 14<br>14                   | 29<br>30                   | 11                         |                           |                         |                |                |                | Vermutlich<br>Sprengung   |

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| Datum           | Komp.   | Phase                                     | MGZ |  |  | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen   |
|-----------------|---|---|-----|--|--|---------------------------|-------------------------|----------------|----------------|----------------|---|
|                 |   |   | h   | m                                      | s                                      |                           | A <sub>N</sub>          | A <sub>E</sub> | A <sub>Z</sub> |                |   |
| 26. Okt.        | NE<br>Z<br>Z<br>ZNW<br>ZNWNE<br>ZNE             | ePn<br>e<br>ePg<br>e(Sn)<br>eSg<br>e<br>F | 12  | 31<br>31<br>31<br>32<br>32             | 15<br>26<br>30<br>50<br>22<br>29       |                           |                         |                |                |                | 450<br>Herdgebiet<br>nach BCIS:<br>Nord-<br>Italien<br>46 3/4° N,<br>12 3/4° E                |
| 27. Okt.<br>I   | ZNWNE<br>ZNE<br>ZNW<br>NE                       | eP<br>e<br>e<br>e<br>F                    | 15  | 44<br>44<br>44<br>45                   | 22<br>27<br>34<br>17<br>47             |                           |                         |                |                |                |   |
| 27. Okt.<br>II  | ZNWNE<br>ZNE                                    | ePKP<br>e<br>F                            | 22  | 47<br>47                               | (00)<br>24<br>51                       |                           |                         |                |                |                |   |
| 28. Okt.<br>I   | ZNWNE<br>NWNE                                   | eP<br>eS<br>F                             | 04  | 23<br>27                               | 44<br>55<br>00                         |                           |                         |                |                |                | 2600<br>Herdgebiet<br>nach USCGS:<br>Jan Mayen  |
| 28. Okt.<br>II  | ZNWNE   | eP<br>F                                   | 07  | 51                                     | 39                                     |                           |                         |                |                |                | im Streifenwechsel  |
| 28. Okt.<br>III | ZNWNE<br>Z<br>ZNW<br>NE<br>ZNW<br>NWNE          | eP<br>epP<br>e<br>e<br>eS<br>e(PS)<br>F   | 13  | 29<br>30<br>34<br>34<br>39<br>39       | 38<br>09<br>37<br>49<br>02<br>45<br>20 |                           |                         |                |                |                | 8100<br>h = ca.<br>100 km<br>Herdgebiet<br>nach USCGS:<br>Kamtschatka<br>52.2° N,<br>157.4° E |
| 28. Okt.<br>IV  | ZNE<br>Z  | eP<br>e<br>F                              | 22  | 41<br>42                               | 50<br>03<br>46                         |                           |                         |                |                |                |   |
| 29. Okt.<br>I   | ZNWNE<br>ZNE<br>Z<br>ZNE<br>ZNE<br>ZNWNE<br>ZNW | ePn<br>e<br>e<br>e<br>e<br>eSg<br>e       | 00  | 10<br>10<br>10<br>10<br>11<br>11<br>11 | 10<br>12<br>30<br>48<br>06<br>23<br>49 |                           |                         |                |                |                | 710<br>Herdgebiet<br>nach BCIS:<br>Etruskischer<br>Apennin<br>44.0° N,<br>11.3° E             |



Plauen 1960

| Datum           | Komp. | Phase | MGZ |    |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen                                     |
|-----------------|-------|-------|-----|----|------|---------------------------|-------------------------|----------------|----------------|----------------|---|
|                 |       |       | h   | m  | s    |                           | A <sub>H</sub>          | A <sub>M</sub> | A <sub>S</sub> |                |   |
| noch            |       |       |     |    |      |                           |                         |                |                |                |   |
| 29. Okt.        | ZNWNE | e1    |     | 12 | 06   |                           |                         |                |                |                |   |
| I               | Z     | i     |     | 12 | 15   |                           |                         |                |                |                |   |
|                 |       | F     | 00  | 20 |      |                           |                         |                |                |                |   |
| 29. Okt.        | ZNE   | e(F)  | 04  | 26 | 52   |                           |                         |                |                |                |   |
| II              |       | F     | 04  | 29 |      |                           |                         |                |                |                |   |
| 29. Okt.        | NWNE  | eP    | 13  | 31 | 41   |                           |                         |                |                |                |   |
| III             |       | F     | 13  | 34 |      |                           |                         |                |                |                |   |
| <u>November</u> |       |       |     |    |      |                           |                         |                |                |                |   |
| 1. Nov.         | ZNE   | eP    | 06  | 26 | 09   |                           |                         |                |                |                |   |
| I               | ZNE   | e(FP) |     | 28 | 33   |                           |                         |                |                |                |   |
|                 |       | F     | 06  | 30 |      |                           |                         |                |                |                |   |
| 1. Nov.         | Z     | ePKP  | 09  | 04 | 38   |                           |                         |                |                |                |   |
| II              |       | F     | 10  | 20 |      |                           |                         |                |                |                |   |
| 1. Nov.         | ZNWNE | i     | 13  | 27 | 15   |                           |                         |                |                |                | Vermutlich Sprengung                            |
| III             |       | F     | 13  | 28 |      |                           |                         |                |                |                |   |
| 1. Nov.         | NW    | e     | 16  | 16 | 37   |                           |                         |                |                |                | Nahbeben  |
| IV              |       | F     | 16  | 23 |      |                           |                         |                |                |                |   |
| 5. Nov.         | NE    | eP    | 20  | 23 | 49   |                           |                         |                |                |                |   |
|                 | ZNE   | e     |     | 24 | 09   |                           |                         |                |                |                |   |
|                 | NE    | e     |     | 26 | 49   |                           |                         |                |                |                |   |
|                 | Z     | e     |     | 28 | 05   |                           |                         |                |                |                |   |
|                 |       | F     | 20  | 45 |      |                           |                         |                |                |                |   |
| 6. Nov.         | ZNWNE | eP    | 04  | 49 | (48) |                           |                         |                | 8100           |                | Herdgebiet nach USCGS: Ostküste von Kamtschatka |
|                 | NWNE  | eS    |     | 59 | 12   |                           |                         |                |                |                |   |
|                 | NWNE  | eFS   |     | 59 | 32   |                           |                         |                |                |                |   |
|                 |       | F     | 05  | 05 |      |                           |                         |                |                |                |   |
| 7. Nov.         | NW    | e     | 12  | 48 | 51   |                           |                         |                |                |                | Sprengung                                       |
|                 |       | F     | 12  | 49 |      |                           |                         |                |                |                |   |
| 9. Nov.         | NW    | eP    | 10  | 54 | 32   |                           |                         |                |                |                |   |
|                 | NW    | e     | 11  | 04 | 30   |                           |                         |                |                |                |   |
|                 |       | F     | 11  | 35 |      |                           |                         |                |                |                |   |

Plauen 1960

| Datum           | Komp. | Phase             | MGZ |    |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen   |
|-----------------|-------|-------------------|-----|----|------|---------------------------|-------------------------|----------------|----------------|----------------|---|
|                 |       |                   | h   | m  | s    |                           | A <sub>H</sub>          | A <sub>M</sub> | A <sub>S</sub> |                |   |
| 11. Nov.        | NW    | eP                | 05  | 34 | 37   |                           |                         |                |                |                |   |
|                 | NW    | eS                |     | 37 | 17   |                           |                         |                |                |                |   |
|                 |       | F                 | 05  | 43 |      |                           |                         |                |                |                |   |
| 18. Nov.        | NW    | eP                | 06  | 08 | (03) |                           |                         |                |                |                |   |
| I               |       | F                 | 06  | 10 |      |                           |                         |                |                |                |   |
| 18. Nov.        | NW    | e                 | 22  | 46 | 34   |                           |                         |                |                |                | Nahbeben  |
| II              | NW    | e                 |     | 46 | 40   |                           |                         |                |                |                |   |
|                 |       | F                 | 22  | 48 |      |                           |                         |                |                |                |   |
| 20. Nov.        | NW    | epP               | 22  | 15 | 45   |                           |                         |                |                |                |   |
|                 |       | F                 | 23  | 40 |      |                           |                         |                |                |                |   |
| 23. Nov.        | NWNE  | e(PKP)            | 14  | 32 | 21   |                           |                         |                |                |                |   |
|                 | NWNE  | e                 |     | 33 | 50   |                           |                         |                |                |                |   |
|                 | NW    | e                 |     | 45 | 23   |                           |                         |                |                |                |   |
|                 |       | F                 | 16  | 10 |      |                           |                         |                |                |                |   |
| 24. Nov.        | NW    | ePKP <sub>1</sub> | 07  | 12 | 41   |                           |                         |                |                | 17000          | Herdgebiet nach USCGS: Südlich der Tonga-Inseln 24.4° S, 176.1° W |
|                 | NW    | ePKP <sub>2</sub> |     | 12 | 55   |                           |                         |                |                |                |   |
|                 | NW    | eFP               |     | 16 | 17   |                           |                         |                |                |                |   |
|                 | NW    | e                 |     | 22 | 28   |                           |                         |                |                |                |   |
|                 |       | F                 | 09  | 10 |      |                           |                         |                |                |                |   |
| 25. Nov.        | NE    | eP                | 22  | 06 | 13   |                           |                         |                |                |                |   |
|                 | NE    | e                 |     | 07 | 05   |                           |                         |                |                |                |   |
|                 |       | F                 | 22  | 11 |      |                           |                         |                |                |                |   |
| <u>Dezember</u> |       |                   |     |    |      |                           |                         |                |                |                |   |
| 1. Dez.         | ZNWNE | e                 | 11  | 45 | 07   |                           |                         |                |                |                | Sprengung   |
|                 | ZNWNE | e(Sg)             |     | 45 | 24   |                           |                         |                |                |                |   |
|                 |       | F                 | 11  | 47 |      |                           |                         |                |                |                |   |
| 2. Dez.         | NW    | e                 | 09  | 35 | 48   |                           |                         |                |                |                |   |
|                 |       | F                 | 11  | 00 |      |                           |                         |                |                |                |   |
| 3. Dez.         | NWNE  | eP                | 04  | 34 | 18   |                           |                         |                |                |                |   |
|                 | NWNE  | e                 |     | 34 | 45   |                           |                         |                |                |                |   |
|                 |       | F                 | 06  | 00 |      |                           |                         |                |                |                |   |
| 5. Dez.         | NE    | e                 | 12  | 19 | 49   |                           |                         |                |                |                | Vermutlich Sprengung  |
| I               |       | F                 | 12  | 21 |      |                           |                         |                |                |                |   |



Plauen 1960

| Datum          | Komp. | Phase                | MGZ |      |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | d<br>km | Bemerkungen          |
|----------------|-------|----------------------|-----|------|------|---------------------------|-------------------------|----------------|----------------|---------|----------------------|
|                |       |                      | h   | m    | s    |                           | A <sub>H</sub>          | A <sub>V</sub> | A <sub>Z</sub> |         |                      |
| 5. Dez.<br>II  | NE    | eP                   | 18  | 18   | 49   |                           |                         |                |                |         |                      |
|                |       | F                    | 18  | 21   |      |                           |                         |                |                |         |                      |
| 5. Dez.<br>III | NE    | eP                   | 21  | 26   | 19   |                           |                         |                |                |         |                      |
|                | NE    | e                    | 21  | 26   | 36   |                           |                         |                |                |         |                      |
|                |       | F                    | 21  | 37   |      |                           |                         |                |                |         |                      |
| 12. Dez.       | NW    | e                    | 22  | 01   | (48) |                           |                         |                |                |         | Nahbeben             |
|                | NW    | e                    |     | 02   | 56   |                           |                         |                |                |         |                      |
|                |       | F                    | 22  | 05   |      |                           |                         |                |                |         |                      |
| 13. Dez.       | NW    | e(PKP <sub>2</sub> ) | 07  | 57   | 29   |                           |                         |                |                |         |                      |
|                | NW    | e                    |     | 59   | 30   |                           |                         |                |                |         |                      |
|                | NW    | e(FFP)               | 08  | 05.1 |      |                           |                         |                |                |         |                      |
|                |       | F                    | 10  | 30   |      |                           |                         |                |                |         |                      |
| 22. Dez.<br>I  | NE    | e                    | 00  | 24   | 20   |                           |                         |                |                |         | Nahbeben             |
|                |       | F                    | 00  | 26   |      |                           |                         |                |                |         |                      |
| 22. Dez.<br>II | NE    | eP                   | 03  | 14   | 24   |                           |                         |                |                |         |                      |
|                |       | F                    | 03  | 16   |      |                           |                         |                |                |         |                      |
| 25. Dez.       | NW    | eF                   | 20  | 38   | 56   |                           |                         |                |                |         |                      |
|                |       | F                    | 20  | 39   |      |                           |                         |                |                |         |                      |
| 26. Dez.       | NE    | e                    | 01  | 57   | (16) |                           |                         |                |                |         |                      |
|                |       | F                    | 01  | 58   |      |                           |                         |                |                |         |                      |
| 28. Dez.       | ZNE   | e                    | 13  | 13   | 29   |                           |                         |                |                |         |                      |
|                | NE    | e                    |     | 13   | 36   |                           |                         |                |                |         |                      |
|                |       | F                    | 13  | 14   |      |                           |                         |                |                |         |                      |
| 29. Dez.       | NWNE  | eP                   | 18  | 23   | 38   |                           |                         |                |                |         |                      |
|                |       | F                    | 18  | 27   |      |                           |                         |                |                |         |                      |
| 31. Dez.       | NE    | e                    | 11  | 22   | 21   |                           |                         |                |                |         |                      |
|                |       | F                    | 11  | 22.6 |      |                           |                         |                |                |         | Vermutlich Sprengung |

Seismische Station Sonneberg

Meereshöhe: 634 m  
 Untergrund: Grauwacke

Länge:  $\lambda = 11^{\circ}11'33'' \text{ E}$   
 Breite:  $\varphi = 50^{\circ}22'41.4'' \text{ N}$

Instrumente

|                     |                       |                       |  |
|---------------------|-----------------------|-----------------------|--|
| Krumbach 4 kg NW—SE | $T_0 = 2.5 \text{ s}$ | $\epsilon:1 = 6.0$    | $V = 1800$   |
| Krumbach 4 kg NE—SW | $T_0 = 2.5 \text{ s}$ | $\epsilon:1 = 5.0$    | $V = 1800$   |
| Krumbach 0.5 kg Z   | $T_3 = 2.0 \text{ s}$ | $T_G = 1.8 \text{ s}$ | $V_{\text{max}} = 1900 \text{ bei } 1.2 \text{ s}$ |



| Datum         | Komp. | Phase | MGZ |    |      | Periode<br>Ts | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen  |
|---------------|-------|-------|-----|----|------|---------------|-------------------------|----------------|----------------|----------------|--|
|               |       |       | h   | m  | s    |               | A <sub>H</sub>          | A <sub>G</sub> | A <sub>Z</sub> |                |  |
| <u>Januar</u> |       |       |     |    |      |               |                         |                |                |                |  |
| 2. Jan.       | NE    | e     | 11  | 32 | 55   |               |                         |                |                |                |  |
|               |       | F     | 11  | 55 |      |               |                         |                |                |                |  |
| 3. Jan.       | NWNE  | eP    | 20  | 22 | 12   |               |                         |                |                |                |  |
|               |       | F     | 20  | 30 |      |               |                         |                |                |                |  |
| 4. Jan.       | NWNE  | e     | 12  | 55 | (01) |               |                         |                |                |                |  |
|               |       | F     | 13  | 06 |      |               |                         |                |                |                |  |
| 6. Jan.       | ZNW   | ePg   | 15  | 18 | 42   |               |                         |                |                | 480            | Herdgebiet<br>nach Rom:<br>Karnische<br>Alpen<br>46°20'50" N,<br>12°40'21" E |
|               | ZNWNE | e     |     | 18 | 56   |               |                         |                |                |                |  |
|               | NWNE  | eISg  |     | 19 | 25   |               |                         |                |                |                |  |
|               | ZNWNE | e     |     | 19 | 43   |               |                         |                |                |                |  |
|               | NWNE  | i     |     | 19 | 53   |               |                         |                |                |                |  |
|               |       | F     | 15  | 25 |      |               |                         |                |                |                |  |
| 7. Jan.       | NW    | e(PP) | 13  | 47 | 53   |               |                         |                |                |                |  |
| I             | NWNE  | e     |     | 48 | 20   |               |                         |                |                |                |  |
|               | NWNE  | e     |     | 48 | 44   |               |                         |                |                |                |  |
|               |       | F     | 13  | 52 |      |               |                         |                |                |                |  |
| 7. Jan.       | NW    | e     | 16  | 55 | 10   |               |                         |                |                |                | Nahbeben   |
| II            | ZNW   | e     |     | 56 | 06   |               |                         |                |                |                |  |
|               |       | F     | 17  | 00 |      |               |                         |                |                |                |  |
| 7. Jan.       | NW    | eP    | 23  | 29 | 46   |               |                         |                |                |                |  |
| III           |       | F     | 24  | 01 |      |               |                         |                |                |                |  |
| 8. Jan.       | NW    | ePKP  | 08  | 03 | 51   |               |                         |                |                |                |  |
| I             |       | F     | 08  | 06 |      |               |                         |                |                |                |  |
| 8. Jan.       | Z     | eP    | 21  | 55 | 44   |               |                         |                |                |                |  |
| II            |       | F     | 21  | 57 |      |               |                         |                |                |                |  |
| 9. Jan.       | ZNW   | eP    | 04  | 03 | 05   |               |                         |                |                |                |  |
| I             |       | F     | 04  | 07 |      |               |                         |                |                |                |  |
| 9. Jan.       | ZNWNE | eP    | 07  | 31 | 49   |               |                         |                |                |                |  |
| II            | ZNW   | e     |     | 33 | 33   |               |                         |                |                |                |  |
|               |       | F     | 07  | 53 |      |               |                         |                |                |                |  |
| 11. Jan.      | Z     | eP    | 02  | 40 | 18   |               |                         |                |                |                |  |
| I             |       | F     | 02  | 42 |      |               |                         |                |                |                |  |



Sonneberg 1960

| Datum           | Komp.                         | Phase                             | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen   |
|-----------------|-------------------------------|-----------------------------------|-----|----|----|---------------------------|-------------------------|----------------|----------------|----------------|---|
|                 |                               |                                   | h   | m  | s  |                           | A <sub>N</sub>          | A <sub>E</sub> | A <sub>S</sub> |                |   |
| 11. Jan.<br>II  | ZNW                           | e<br>F                            | 14  | 04 | 50 |                           |                         |                |                |                | Sprengung   |
| 12. Jan.        | Z                             | ePKP<br>F                         | 22  | 42 | 19 |                           |                         |                |                |                |   |
| 13. Jan.<br>I   | ZNWNE<br>Z                    | eP<br>e<br>F                      | 15  | 53 | 58 |                           |                         |                |                |                |   |
| 13. Jan.<br>II  | Z                             | eP<br>F                           | 16  | 41 | 43 |                           |                         |                |                |                | im vorübergehenden Beben                                    |
| 14. Jan.        | Z                             | eP<br>F                           | 10  | 38 | 13 |                           |                         |                |                |                |   |
| 15. Jan.        | ZNWNE<br>Z<br>Z<br>ZNE<br>ZNE | eP<br>e<br>e(pP)<br>ePP<br>e<br>F | 09  | 43 | 54 |                           |                         |                | 11000          |                | h = ca.<br>150 km<br>Herdegebiet<br>nach USCGS:<br>Süd-Peru |
| 16. Jan.<br>I   | ZNW                           | ePKP<br>F                         | 12  | 49 | 42 |                           |                         |                |                |                |   |
| 16. Jan.<br>II  | ZNW<br>ZNWNE                  | eP<br>e(pP)<br>F                  | 21  | 00 | 03 |                           |                         |                |                |                |   |
| 17. Jan.        | Z                             | eP<br>F                           | 03  | 11 | 27 |                           |                         |                |                |                |   |
| 19. Jan.        | ZNW                           | eP<br>F                           | 02  | 28 | 33 |                           |                         |                |                |                |   |
| 23. Jan.<br>I   | Z                             | e<br>F                            | 05  | 00 | 05 |                           |                         |                |                |                |   |
| 23. Jan.<br>II  | ZNE                           | e<br>F                            | 07  | 49 | 27 |                           |                         |                |                |                |   |
| 23. Jan.<br>III | Z                             | e<br>F                            | 18  | 15 | 49 |                           |                         |                |                |                |   |



Sonneberg 1960

| Datum           | Komp.                            | Phase                             | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen                                     |
|-----------------|----------------------------------|-----------------------------------|-----|----|----|---------------------------|-------------------------|----------------|----------------|----------------|---|
|                 |                                  |                                   | h   | m  | s  |                           | A <sub>N</sub>          | A <sub>E</sub> | A <sub>S</sub> |                |   |
| 24. Jan.        | Z                                | ePKP<br>F                         | 04  | 41 | 21 |                           |                         |                |                |                |   |
| 26. Jan.<br>I   | NE                               | eP<br>F                           | 03  | 28 | 26 |                           |                         |                |                |                |   |
| 26. Jan.<br>II  | NWNE<br>NWNE<br>NE               | eP<br>e<br>eS<br>F                | 09  | 57 | 05 |                           |                         |                | 2500           |                | Herdegebiet<br>nach BCIS:<br>Türkei             |
| 26. Jan.<br>III | NW                               | eP<br>F                           | 13  | 09 | 53 |                           |                         |                |                |                |   |
| 27. Jan.        | NWNE<br>NE                       | eP<br>e<br>F                      | 20  | 29 | 40 |                           |                         |                |                |                |   |
| 28. Jan.        | NE<br>NWNE                       | ePg<br>eSg<br>F                   | 14  | 36 | 21 |                           |                         |                | 740            |                | Herdegebiet<br>nach BCIS:<br>Westalpen          |
| 31. Jan.        | NW                               | eP<br>F                           | 05  | 20 | 42 |                           |                         |                |                |                |   |
| <u>Februar</u>  |                                  |                                   |     |    |    |                           |                         |                |                |                |   |
| 1. Febr.        | NWNE                             | eP<br>F                           | 12  | 03 | 47 |                           |                         |                |                |                | im Streifenwechsel                              |
| 19. Febr.<br>I  | ZNWNE<br>NWNE<br>NWNE<br>ZNE     | ePg<br>e<br>eSg<br>e<br>F         | 02  | 31 | 46 |                           |                         |                | 540            |                | Herdegebiet<br>nach BCIS:<br>Nord-<br>Lombardei |
| 19. Febr.<br>II | ZNWNE<br>NE<br>ZNWNE<br>ZNE<br>Z | eP<br>e<br>epP<br>e(sP)<br>e<br>F | 10  | 44 | 43 |                           |                         |                |                |                | Herdegebiet<br>nach USCGS:<br>Hindukusch        |
| 21. Febr.<br>I  | ZNE                              | eP<br>F                           | 08  | 17 | 03 |                           |                         |                |                |                |   |



Sonneberg 1960

| Datum       | Komp. | Phase | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen  |
|-------------|-------|-------|-----|------|----|---------------------------|-------------------------|----------------|----------------|----------------|--|
|             |       |       | h   | m    | s  |                           | A <sub>H</sub>          | A <sub>Z</sub> | A <sub>S</sub> |                |  |
| 21. Febr.   | ZNWNE | eP    | 09  | 34   | 40 |                           |                         |                |                |                |  |
| II          | ZNWNE | e     |     | 34   | 47 |                           |                         |                |                |                |  |
|             |       | F     | 09  | 36   |    |                           |                         |                |                |                |  |
| 22. Febr.   | ZNE   | ePKP  | 01  | 13   | 15 |                           |                         |                |                |                |  |
|             |       | F     | 01  | 13.5 |    |                           |                         |                |                |                |  |
| 23. Febr.   | NW    | e     | 00  | 38   | 51 |                           |                         |                |                |                |  |
| I           |       | F     | 00  | 44   |    |                           |                         |                |                |                |  |
| 23. Febr.   | NW    | e     | .07 | 41.8 |    |                           |                         |                |                |                |  |
| II          |       | F     | 07  | 50   |    |                           |                         |                |                |                |  |
| 24. Febr.   | NE    | e(Pg) | 03  | 15   | 13 |                           |                         |                |                |                | Nahbeben   |
| I           | NE    | e     |     | 15   | 19 |                           |                         |                |                |                |  |
|             |       | F     | 03  | 17   |    |                           |                         |                |                |                |  |
| 24. Febr.   | NWNE  | ePKP  | 21  | 56   | 13 |                           |                         |                | 14200          |                | Herdgebiet nach USCGS: Salomon-Inseln                    |
| II          | NE    | ePP   |     | 58   | 15 |                           |                         |                |                |                |  |
|             |       | F     | 22  | 00   |    |                           |                         |                |                |                |  |
| 29. Febr.   | NWNE  | eP    | 23  | 45   | 45 |                           |                         |                | 2850           |                | Herdgebiet nach BCIS: Agadir (Marokko) 30°27' N, 9°37' W |
|             | NW    | e     |     | 47   | 29 |                           |                         |                |                |                |  |
|             | NE    | e     |     | 50   | 11 |                           |                         |                |                |                |  |
|             | NW    | eS    |     | 50   | 16 |                           |                         |                |                |                |  |
|             | NWNE  | e     |     | 53   | 22 |                           |                         |                |                |                |  |
|             |       | F     | 24  | 10   |    |                           |                         |                |                |                |  |
| <u>März</u> |       |       |     |      |    |                           |                         |                |                |                |  |
| 4. März     | NWNE  | eP    | 02  | 28   | 06 |                           |                         |                |                |                |  |
| I           |       | F     | 02  | 30   |    |                           |                         |                |                |                |  |
| 4. März     | NWNE  | eP    | 04  | 05   | 19 |                           |                         |                | 9000           |                | Herdgebiet nach USCGS: Kiuschiu (Japan)                  |
| II          | NWNE  | eS    |     | 15   | 25 |                           |                         |                |                |                |  |
|             |       | F     | 04  | 17   |    |                           |                         |                |                |                |  |
| 4. März     | NW    | eP    | 16  | 30   | 25 |                           |                         |                |                |                |  |
| III         | NE    | e     |     | 30   | 30 |                           |                         |                |                |                |  |
|             |       | F     | 16  | 32   |    |                           |                         |                |                |                |  |
| 5. März     | NW    | e     | 14  | 07   | 45 |                           |                         |                |                |                |  |
|             |       | F     | 15  | 10   |    |                           |                         |                |                |                |  |

Sonneberg 1960

| Datum    | Komp. | Phase | MGZ |      |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen                                   |
|----------|-------|-------|-----|------|------|---------------------------|-------------------------|----------------|----------------|----------------|---|
|          |       |       | h   | m    | s    |                           | A <sub>H</sub>          | A <sub>Z</sub> | A <sub>S</sub> |                |   |
| 8. März  | ZNWNE | ePKP  | 16  | 52   | 39   |                           |                         |                |                |                |   |
|          | Z     | e     |     | 55   | 55   |                           |                         |                |                |                |   |
|          | NW    | e     |     | 56   | 23   |                           |                         |                |                |                |   |
|          |       | F     | 17  | 12   |      |                           |                         |                |                |                |   |
| 10. März | ZNWNE | ePKP  | 16  | 04   | 02   |                           |                         |                |                |                |   |
| I        | Z     | e     |     | 04   | 15   |                           |                         |                |                |                |   |
|          |       | F     | 16  | 08   |      |                           |                         |                |                |                |   |
| 10. März | ZNWNE | eP    | 14  | 44   | 26   |                           |                         |                |                |                |   |
| II       |       | F     | 14  | 47   |      |                           |                         |                |                |                |   |
| 11. März | ZNWNE | e     | 15  | 01   | (39) |                           |                         |                |                |                | Nach Collmberg: Sprengung                     |
|          |       | F     | 15  | 03   |      |                           |                         |                |                |                | Nahbeben                                      |
| 12. März | NWNE  | e     | 00  | 32   | 37   |                           |                         |                |                |                |   |
| I        |       | F     | 00  | 38   |      |                           |                         |                |                |                |   |
| 12. März | ZNW   | ePn   | 11  | 56   | 37   |                           |                         |                | 1200           |                | Herdgebiet nach BCIS: Magedonien 42° N, 21° E |
| II       | ZNWNE | e     |     | 56   | 47   |                           |                         |                |                |                |   |
|          | Z     | e     |     | 56   | 57   |                           |                         |                |                |                |   |
|          | ZNW   | e     |     | 57   | 04   |                           |                         |                |                |                |   |
|          | NW    | ePg   |     | 57   | 37   |                           |                         |                |                |                |   |
|          | ZNWNE | e     |     | 57   | 44   |                           |                         |                |                |                |   |
|          | ZNE   | e     |     | 58   | 35   |                           |                         |                |                |                |   |
|          | ZNE   | e     |     | 59   | 58   |                           |                         |                |                |                |   |
|          | NE    | iSg   | 12  | 00   | 19   |                           |                         |                |                |                |   |
|          |       | F     | 12  | 15   |      |                           |                         |                |                |                |   |
| 12. März | ZNW   | ePKP  | 20  | 49   | 45   |                           |                         |                |                |                |   |
| III      | ZNE   | ePP   |     | 51   | 32   |                           |                         |                |                |                |   |
|          |       | F     | 20  | 55   |      |                           |                         |                |                |                |   |
| 13. März | NW    | e     | 10  | 01   | 16   |                           |                         |                |                |                |   |
|          | Z     | e     |     | 01   | 19   |                           |                         |                |                |                |   |
|          |       | F     | 10  | 01.6 |      |                           |                         |                |                |                |   |
| 15. März | Z     | eP    | 09  | 33   | 05   |                           |                         |                |                |                |   |
| I        |       | F     | 09  | 36   |      |                           |                         |                |                |                |   |
| 15. März | Z     | ePKP  | 10  | 28   | 50   |                           |                         |                |                |                |   |
| II       |       | F     | 10  | 31   |      |                           |                         |                |                |                |   |
| 16. März | Z     | ePKP  | 17  | 58   | 56   |                           |                         |                |                |                |   |
|          | Z     | e     |     | 59   | 02   |                           |                         |                |                |                |   |
|          |       | F     | 18  | 01   |      |                           |                         |                |                |                |   |



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| Datum    | Komp. | Phase | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen  |
|----------|-------|-------|-----|----|----|---------------------------|-------------------------|----------------|----------------|----------------|--|
|          |       |       | h   | m  | s  |                           | A <sub>N</sub>          | A <sub>E</sub> | A <sub>Z</sub> |                |  |
| 20. März | ZNW   | eP    | 13  | 49 | 05 |                           |                         |                |                |                |  |
| I        |       | F     | 13  | 51 |    |                           |                         |                |                |                |  |
| 20. März | ZNWNE | eP    | 17  | 19 | 43 |                           |                         |                | 8800           |                | h = ca.<br>60 km<br>Herdgebiet<br>nach USCGS:<br>Ostküste von<br>Hondo     |
| II       | ZNW   | e(pP) |     | 20 | 04 |                           |                         |                |                |                |  |
|          | NW    | eS    |     | 29 | 43 |                           |                         |                |                |                |  |
|          |       | F     | 19  | 00 |    |                           |                         |                |                |                |  |
| 21. März | ZNWNE | eP    | 00  | 47 | 06 |                           |                         |                |                |                | Nachstoß   |
| I        | ZNW   | ePP   |     | 50 | 14 |                           |                         |                |                |                |  |
|          |       | F     | 01  | 30 |    |                           |                         |                |                |                |  |
| 21. März | Z     | ePKP  | 02  | 09 | 25 |                           |                         |                |                |                |  |
| II       | Z     | e     |     | 09 | 30 |                           |                         |                |                |                |  |
|          |       | F     | 02  | 11 |    |                           |                         |                |                |                |  |
| 21. März | ZNWNE | eP    | 09  | 30 | 38 |                           |                         |                |                |                | Nachstoß<br>Hondo  |
| III      |       | F     | 09  | 35 |    |                           |                         |                |                |                |  |
| 21. März | ZNWNE | eP    | 11  | 59 | 58 |                           |                         |                |                |                | Weiterer<br>Nachstoß   |
| IV       |       | F     | 12  | 04 |    |                           |                         |                |                |                |  |
| 21. März | ZNW   | ePg   | 18  | 04 | 02 |                           |                         |                | 570            |                | Herdgebiet<br>nach BCIS:<br>Jugoslawien                                    |
| V        | ZNW   | e     |     | 04 | 39 |                           |                         |                |                |                |  |
|          | ZNW   | eSg   |     | 05 | 08 |                           |                         |                |                |                |  |
|          |       | F     | 18  | 09 |    |                           |                         |                |                |                |  |
| 23. März | ZNWNE | eP    | 00  | 35 | 39 |                           |                         |                | 8800           |                | Herdgebiet<br>nach USCGS:<br>Ostküste von<br>Hondo<br>39 1/2° N,<br>143° E |
| I        | ZNE   | e     |     | 35 | 48 |                           |                         |                |                |                |  |
|          | NE    | e     |     | 36 | 03 |                           |                         |                |                |                |  |
|          | NE    | e     |     | 36 | 18 |                           |                         |                |                |                |  |
|          | Z     | e     |     | 36 | 36 |                           |                         |                |                |                |  |
|          | ZNE   | ePP   |     | 38 | 40 |                           |                         |                |                |                |  |
|          | NW    | eS    |     | 45 | 55 |                           |                         |                |                |                |  |
|          | NE    | e     |     | 46 | 07 |                           |                         |                |                |                |  |
|          |       | F     | 02  | 00 |    |                           |                         |                |                |                |  |
| 23. März | Z     | eP    | 01  | 19 | 32 |                           |                         |                |                |                |  |
| II       |       |       |     |    |    |                           |                         |                |                |                |  |
| 23. März | Z     | eP    | 21  | 46 | 38 |                           |                         |                |                |                | Weiterer<br>Nachstoß   |
| III      |       | F     | 21  | 48 |    |                           |                         |                |                |                |  |
| 23. März | Z     | eP    | 22  | 34 | 54 |                           |                         |                |                |                | Weiterer<br>Nachstoß   |
| IV       | Z     | e     |     | 35 | 04 |                           |                         |                |                |                |  |
|          |       | F     | 22  | 37 |    |                           |                         |                |                |                |  |

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| Datum    | Komp. | Phase  | MGZ |    |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen   |
|----------|-------|--------|-----|----|------|---------------------------|-------------------------|----------------|----------------|----------------|---|
|          |       |        | h   | m  | s    |                           | A <sub>N</sub>          | A <sub>E</sub> | A <sub>Z</sub> |                |   |
| 23. März | ZNE   | ePn    | 23  | 10 | 03   |                           |                         |                |                |                | 500<br>Herdgebiet<br>nach BCIS:<br>Bern<br>Alpen<br>(Schweiz) |
| V        | ZNWNE | e      |     | 10 | 10   |                           |                         |                |                |                |   |
|          | ZNWNE | i      |     | 10 | 14   |                           |                         |                |                |                |   |
|          | NWNE  | iSg    |     | 11 | 12   |                           |                         |                |                |                |   |
|          |       | F      | 23  | 20 |      |                           |                         |                |                |                |   |
| 24. März | Z     | eP     | 06  | 06 | 25   |                           |                         |                |                |                |   |
|          |       | F      | 06  | 08 |      |                           |                         |                |                |                |   |
| 25. März | Z     | e(PKP) | 02  | 58 | (00) |                           |                         |                |                |                |   |
|          |       | F      | 02  | 59 |      |                           |                         |                |                |                |   |
| 27. März | Z     | ePKP   | 09  | 17 | 21   |                           |                         |                |                |                |   |
|          | Z     | e      |     | 17 | 26   |                           |                         |                |                |                |   |
|          |       | F      | 09  | 23 |      |                           |                         |                |                |                |   |
| 28. März | ZNWNE | eP     | 00  | 26 | 22   |                           |                         |                |                |                | 280<br>Herdgebiet<br>nach BCIS:<br>Schwäbische<br>Alb         |
| I        | Z     | e      |     | 26 | 42   |                           |                         |                |                |                |   |
|          |       | F      | 00  | 32 |      |                           |                         |                |                |                |   |
| 28. März | ZNWNE | ePg    | 02  | 53 | 00   |                           |                         |                |                |                | 15700<br>Herdgebiet<br>nach USCGS:<br>Neue<br>Hebriden        |
| II       | ZNWNE | iSg    |     | 53 | 31   |                           |                         |                |                |                |   |
|          |       | F      | 02  | 57 |      |                           |                         |                |                |                |   |
| 28. März | ZNE   | ePKP   | 12  | 57 | 48   |                           |                         |                |                |                |   |
| III      | NWNE  | e      |     | 58 | 12   |                           |                         |                |                |                |   |
|          |       | F      | 13  | 00 |      |                           |                         |                |                |                |   |
| 28. März | Z     | eP     | 20  | 54 | 22   |                           |                         |                |                |                |   |
| IV       |       | F      | 20  | 55 |      |                           |                         |                |                |                |   |
| 29. März | ZNW   | ePKP   | 06  | 50 | 32   |                           |                         |                |                |                |   |
|          | Z     | e      |     | 50 | 37   |                           |                         |                |                |                |   |
|          | ZNE   | ePP    |     | 53 | 36   |                           |                         |                |                |                |   |
|          |       | F      | 07  | 00 |      |                           |                         |                |                |                |   |
| 30. März | Z     | ePKP   | 11  | 09 | 18   |                           |                         |                |                |                |   |
| I        | Z     | e      |     | 09 | 26   |                           |                         |                |                |                |   |
|          |       | F      | 11  | 15 |      |                           |                         |                |                |                |   |
| 30. März | Z     | eP     | 13  | 04 | 04   |                           |                         |                |                |                |   |
| II       |       | F      | 13  | 06 |      |                           |                         |                |                |                |   |
| 30. März | ZNWNE | ePKP   | 15  | 39 | 20   |                           |                         |                |                |                |   |
| III      |       | F      | 15  | 44 |      |                           |                         |                |                |                |   |



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| Datum        | Komp.                   | Phase                        | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen   |
|--------------|-------------------------|------------------------------|-----|----|----|---------------------------|-------------------------|----------------|----------------|----------------|---|
|              |                         |                              | h   | m  | s  |                           | A <sub>x</sub>          | A <sub>y</sub> | A <sub>z</sub> |                |   |
| <u>April</u> |                         |                              |     |    |    |                           |                         |                |                |                |   |
| 1. April     | ZNW                     | ePKP <sub>2</sub><br>F       | 03  | 13 | 52 |                           |                         |                |                |                |   |
| 5. April     | NWNE<br>NWNE            | ePg<br>eSg<br>F              | 04  | 26 | 30 |                           |                         |                | 280            |                | Herdgebiet nach BCIS: Schwäbische Alb   |
| 7. April     | NWNE<br>NWNE<br>NW      | ePKP<br>e<br>epPKP<br>F      | 14  | 06 | 30 |                           |                         |                |                |                |   |
| 7. April     | Z<br>ZWNW<br>NE<br>NWNE | ePKP<br>e<br>e<br>epPKP<br>F | 24  | 15 | 20 |                           |                         |                |                |                |  |
| 9. April     | Z                       | e<br>F                       | 07  | 53 | 42 |                           |                         |                |                |                |   |
| 10. April    | ZWNW<br>ZNE             | e<br>e<br>F                  | 06  | 59 | 35 |                           |                         |                |                |                | Vermutlich Sprengung  |
| 10. April    | Z                       | eP<br>F                      | 20  | 38 | 07 |                           |                         |                |                |                |   |
| 10. April    | ZNW<br>ZNW              | eP<br>e(PF)<br>F             | 22  | 09 | 31 |                           |                         |                |                |                |   |
| 11. April    | NW                      | e<br>F                       | 14  | 02 | 52 |                           |                         |                |                |                | Sprengung   |
| 12. April    | ZNW                     | eP<br>F                      | 04  | 26 | 45 |                           |                         |                |                |                |   |
| 15. April    | ZNE                     | eP<br>F                      | 11  | 50 | 55 |                           |                         |                |                |                |   |
| 17. April    | Z                       | ePKP<br>F                    | 22  | 08 | 23 |                           |                         |                |                |                |   |

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| Datum      | Komp.              | Phase                   | MGZ |    |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen                      |
|------------|--------------------|-------------------------|-----|----|------|---------------------------|-------------------------|----------------|----------------|----------------|----------------------------------|
|            |                    |                         | h   | m  | s    |                           | A <sub>x</sub>          | A <sub>y</sub> | A <sub>z</sub> |                |                                  |
| 22. April  | ZWNW<br>Z<br>Z     | ePKP<br>e<br>epPKP<br>F | 20  | 45 | 51   |                           |                         |                |                |                |                                  |
| 23. April  | NW                 | e(Pn)<br>F              | 11  | 45 | 46   |                           |                         |                |                |                | Nahbeben                         |
| 24. April  | NWNE<br>I          | eP<br>F                 | 03  | 35 | 22   |                           |                         |                |                |                |                                  |
| 24. April  | NWNE<br>NWNE<br>NW | eP<br>e<br>eS<br>F      | 12  | 22 | 03   |                           |                         |                | 4300           |                | Herdgebiet nach USCGS: Süd-Iran  |
| 28. April  | NW                 | e<br>F                  | 14  | 44 | (51) |                           |                         |                |                |                | Sprengung                        |
| 29. April  | ZWNW               | eFP<br>F                | 19  | 50 | (33) |                           |                         |                |                |                |                                  |
| <u>Mai</u> |                    |                         |     |    |      |                           |                         |                |                |                |                                  |
| 3. Mai     | NWNE<br>NE         | eP<br>eFP<br>F          | 22  | 35 | (12) |                           |                         |                | 9500           |                | Herdgebiet nach USCGS: Süd-Hondo |
| 3. Mai     | NW<br>II           | ePKP<br>F               | 24  | 16 | (24) |                           |                         |                |                |                |                                  |
| 11. Mai    | NW<br>NW<br>NWNE   | e<br>e<br>e(Sg)<br>F    | 13  | 27 | 14   |                           |                         |                |                |                |                                  |
| 12. Mai    | NW                 | eP<br>F                 | 22  | 45 | 15   |                           |                         |                |                |                |                                  |
| 13. Mai    | NWNE<br>I<br>NW    | e<br>e<br>F             | 03  | 58 | 18   |                           |                         |                |                |                | Nahbeben                         |
| 13. Mai    | NWNE<br>II         | eP<br>e(PcP)<br>F       | 16  | 18 | 56   |                           |                         |                |                |                |                                  |



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| Datum         | Komp.                              | Phase                                | MGZ |      |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen   |
|---------------|------------------------------------|--------------------------------------|-----|------|------|---------------------------|-------------------------|----------------|----------------|----------------|---|
|               |                                    |                                      | h   | m    | s    |                           | A <sub>N</sub>          | A <sub>E</sub> | A <sub>Z</sub> |                |   |
| 14. Mai       | NWNE                               | eP<br>F                              | 22  | 31   | 27   |                           |                         |                |                |                |   |
| 18. Mai<br>I  | NWNE<br>NWNE<br>NWNE<br>NE         | eP<br>epP<br>e(S)<br>e<br>F          | 06  | 47   | 36   |                           |                         |                |                |                | Herdgebiet<br>nach USCGS:<br>Riu-Kiu-<br>Inseln                                   |
| 18. Mai<br>II | NW                                 | e<br>F                               | 08  | 50   | 08   |                           |                         |                |                |                |   |
| 19. Mai<br>I  | NWNE<br>NWNE<br>NWNE<br>NW<br>NWNE | eP<br>epP<br>eFP<br>e<br>eS<br>F     | 02  | 15   | 00   |                           |                         |                | 4800           |                | h = ca.<br>200 km<br>Herdgebiet<br>nach USCGS:<br>Hindukusch                      |
| 19. Mai<br>II | NW                                 | e<br>F                               | 10  | 24   | 46   |                           |                         |                |                |                |   |
| 20. Mai<br>I  | NWNE                               | ePKP<br>F                            | 11  | 32   | 29   |                           |                         |                |                |                |   |
| 20. Mai<br>II | NWNE                               | e<br>F                               | 15  | 01   | 05   |                           |                         |                |                |                | Sprengung   |
| 21. Mai<br>I  | NW                                 | eP<br>F                              | 06  | 44   | 47   |                           |                         |                |                |                |   |
| 21. Mai<br>II | NW<br>NWNE<br>NW<br>NWNE<br>NWNE   | e(PKP)<br>eFP<br>e<br>eSKS<br>e<br>F | 10  | 21   | 32   |                           |                         |                | (13000)        |                | Herdgebiet<br>nach USCGS:<br>Küstengebiet<br>von Chile<br>37 1/2° S,<br>73 1/2° W |
| 22. Mai<br>I  | NE<br>NWNE                         | eFP<br>ePS<br>F                      | 10  | 52   | 23   |                           |                         |                | 13000          |                | Weiterer<br>Stoß Chile  |
| 22. Mai<br>II | NWNE<br>NWNE<br>NWNE               | eFP<br>eSKS<br>ePS<br>F              | 19  | 15   | (40) |                           |                         |                | 13000          |                | Weiterer<br>Stoß Chile  |
|               |                                    |                                      | 21  | (32) |      |                           |                         |                |                |                |   |
|               |                                    |                                      | 25  | (30) |      |                           |                         |                |                |                |   |
|               |                                    |                                      | 24  | 00   |      |                           |                         |                |                |                |   |

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| Datum         | Komp.                            | Phase                          | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen   |
|---------------|----------------------------------|--------------------------------|-----|----|----|---------------------------|-------------------------|----------------|----------------|----------------|---|
|               |                                  |                                | h   | m  | s  |                           | A <sub>N</sub>          | A <sub>E</sub> | A <sub>Z</sub> |                |   |
| 24. Mai       | NW                               | e<br>F                         | 15  | 07 | 45 |                           |                         |                |                |                |   |
| 25. Mai       | NWNE                             | eFP<br>F                       | 08  | 55 | 06 |                           |                         |                |                |                | Weiterer<br>Nachstoß<br>Chile                               |
| 26. Mai<br>I  | NWNE<br>NWNE<br>NW<br>NW<br>NWNE | ePn<br>e<br>e<br>e<br>iSg<br>F | 05  | 13 | 01 |                           |                         |                | 1350           |                | Herdgebiet<br>nach BCIS:<br>Albanien<br>40.6° N,<br>20.6° E |
| 26. Mai<br>II | NWNE                             | eP<br>F                        | 20  | 15 | 48 |                           |                         |                |                |                |   |
| 28. Mai       | NW                               | e<br>F                         | 10  | 28 | 34 |                           |                         |                |                |                | Sprengung   |
| 30. Mai       | NE                               | e<br>F                         | 21  | 30 | 36 |                           |                         |                |                |                | Nahbeben  |
| 31. Mai       | NWNE<br>NWNE                     | eP<br>eS<br>F                  | 11  | 13 | 03 |                           |                         |                | 7300           |                | Herdgebiet<br>nach USCGS:<br>Kleine<br>Antillen             |
| <u>Juni</u>   |                                  |                                |     |    |    |                           |                         |                |                |                |   |
| 6. Juni<br>I  | ZNW<br>NE<br>Z                   | eP<br>e<br>e<br>F              | 01  | 30 | 09 |                           |                         |                |                |                |   |
| 6. Juni<br>II | ZNW<br>Z                         | ePKP<br>e<br>F                 | 06  | 14 | 42 |                           |                         |                |                |                |   |
| 8. Juni       | ZNWNE<br>ZNWNE                   | eP<br>e(PF)<br>F               | 16  | 26 | 55 |                           |                         |                |                |                |   |
| 10. Juni      | NW                               | ePKP<br>F                      | 21  | 31 | 45 |                           |                         |                |                |                |   |
|               |                                  |                                | 21  | 33 |    |                           |                         |                |                |                |   |



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| Datum    | Komp. | Phase  | MGZ                      |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen  |
|----------|-------|--------|--------------------------|----|----|---------------------------|-------------------------|----------------|----------------|----------------|--|
|          |       |        | b                        | m  | s  |                           | A <sub>x</sub>          | A <sub>y</sub> | A <sub>z</sub> |                |  |
| 11. Juni | NW    | ePKP   | 15                       | 33 | 22 |                           |                         |                |                |                |  |
| I        |       | F      | 17                       | 00 |    |                           |                         |                |                |                |  |
| 11. Juni | NW    | ePKP   | 16                       | 56 | 55 |                           |                         |                |                |                |  |
| II       |       | F      | im vorübergehenden Beben |    |    |                           |                         |                |                |                |  |
| 12. Juni | NW    | e      | 14                       | 01 | 48 |                           |                         |                |                |                |  |
|          |       | F      | 14                       | 03 |    |                           |                         |                |                |                | Sprengung  |
| 15. Juni | ZNW   | e      | 23                       | 52 | 06 |                           |                         |                |                |                |  |
|          |       | F      | 24                       | 00 |    |                           |                         |                |                |                |  |
| 17. Juni | ZNW   | ePKP   | 05                       | 21 | 17 |                           |                         |                |                |                |  |
| I        | Z     | epPKP  |                          | 23 | 28 |                           |                         |                |                |                |  |
|          |       | F      | 05                       | 26 |    |                           |                         |                |                |                |  |
| 17. Juni | ZNW   | eP     | 16                       | 47 | 36 |                           |                         |                |                |                |  |
| II       | Z     | e(PcP) |                          | 47 | 49 |                           |                         |                |                |                |  |
|          |       | F      | 16                       | 52 |    |                           |                         |                |                |                |  |
| 18. Juni | Z     | eP     | 02                       | 08 | 38 |                           |                         |                |                |                |  |
|          |       | F      | 02                       | 10 |    |                           |                         |                |                |                |  |
| 19. Juni | ZNWNE | e(P)   | 02                       | 34 | 31 |                           |                         |                |                |                |  |
| I        |       | F      | 02                       | 37 |    |                           |                         |                |                |                |  |
| 19. Juni | Z     | ePg    | 03                       | 36 | 24 |                           |                         |                | 430            |                | Herdgebiet nach BCIS: Elsässischer Jura                        |
| II       | NW    | e      |                          | 37 | 10 |                           |                         |                |                |                |  |
|          | ZNWNE | eSg    |                          | 37 | 15 |                           |                         |                |                |                |  |
|          |       | F      | 03                       | 40 |    |                           |                         |                |                |                |  |
| 19. Juni | Z     | ePKP   | 12                       | 40 | 37 |                           |                         |                |                |                |  |
| III      |       | F      | 12                       | 42 |    |                           |                         |                |                |                |  |
| 20. Juni | Z     | e      | 02                       | 20 | 43 |                           |                         |                | 13000          |                | Herdgebiet nach USCGS: Küstengebiet von Chile 38° S, 73 1/2° W |
| I        | ZNW   | eFP    |                          | 20 | 52 |                           |                         |                |                |                |  |
|          | NWNE  | ePPP   |                          | 23 | 10 |                           |                         |                |                |                |  |
|          | NE    | eSKS   |                          | 26 | 40 |                           |                         |                |                |                |  |
|          | NWNE  | ePS    |                          | 30 | 37 |                           |                         |                |                |                |  |
|          |       | F      | 04                       | 30 |    |                           |                         |                |                |                |  |
| 20. Juni | NWNE  | eFP    | 13                       | 19 | 25 |                           |                         |                | 13000          |                | Herdgebiet nach USCGS: Chile 39 1/2° S, 73° W                  |
| II       | ZNWNE | ePPP   |                          | 21 | 49 |                           |                         |                |                |                |  |
|          | NE    | eSKS   |                          | 25 | 32 |                           |                         |                |                |                |  |
|          | ZNW   | ePS    |                          | 29 | 24 |                           |                         |                |                |                |  |
|          |       | F      | 15                       | 30 |    |                           |                         |                |                |                |  |

Sonneberg 1960

| Datum       | Komp. | Phase                | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen                    |
|-------------|-------|----------------------|-----|----|----|---------------------------|-------------------------|----------------|----------------|----------------|--------------------------------|
|             |       |                      | h   | m  | s  |                           | A <sub>x</sub>          | A <sub>y</sub> | A <sub>z</sub> |                |                                |
| 21. Juni    | Z     | e                    | 12  | 05 | 45 |                           |                         |                |                |                |                                |
| I           |       | F                    | 12  | 06 |    |                           |                         |                |                |                | Sprengung                      |
| 22. Juni    | ZNW   | eP                   | 16  | 21 | 27 |                           |                         |                |                |                |                                |
|             |       | F                    | 16  | 24 |    |                           |                         |                |                |                |                                |
| 24. Juni    | Z     | ePKP                 | 15  | 47 | 55 |                           |                         |                |                |                |                                |
|             |       | e                    |     | 48 | 08 |                           |                         |                |                |                |                                |
|             |       | F                    | 15  | 50 |    |                           |                         |                |                |                |                                |
| 25. Juni    | Z     | ePKP                 | 02  | 22 | 36 |                           |                         |                |                |                |                                |
| I           | ZNW   | e                    |     | 23 | 11 |                           |                         |                |                |                |                                |
|             |       | F                    | 02  | 29 |    |                           |                         |                |                |                |                                |
| 25. Juni    | Z     | e(P)                 | 14  | 05 | 54 |                           |                         |                |                |                |                                |
| II          |       | r                    | 14  | 09 |    |                           |                         |                |                |                |                                |
| 25. Juni    | Z     | e                    | 14  | 30 | 14 |                           |                         |                |                |                |                                |
| III         | ZNW   | e                    |     | 30 | 50 |                           |                         |                |                |                |                                |
|             | ZNWNE | e                    |     | 31 | 05 |                           |                         |                |                |                |                                |
|             | ZNWNE | eSg                  |     | 31 | 11 |                           |                         |                |                |                |                                |
|             | NW    | e                    |     | 31 | 28 |                           |                         |                |                |                |                                |
|             |       | F                    | 14  | 35 |    |                           |                         |                |                |                |                                |
| 25. Juni    | Z     | ePKP <sub>1</sub>    | 15  | 01 | 45 |                           |                         |                |                |                |                                |
| IV          | Z     | e(PKP <sub>2</sub> ) |     | 02 | 23 |                           |                         |                |                |                |                                |
|             |       | F                    | 15  | 09 |    |                           |                         |                |                |                |                                |
| 29. Juni    | Z     | ePKP <sub>1</sub>    | 04  | 49 | 13 |                           |                         |                |                |                |                                |
| I           | ZNWNE | e(PKP <sub>2</sub> ) |     | 49 | 49 |                           |                         |                |                |                |                                |
|             |       | F                    | 04  | 54 |    |                           |                         |                |                |                |                                |
| 29. Juni    | ZNW   | eP                   | 10  | 28 | 30 |                           |                         |                |                |                |                                |
| II          | ZNWNE | e                    |     | 28 | 37 |                           |                         |                |                |                |                                |
|             |       | F                    | 10  | 33 |    |                           |                         |                |                |                |                                |
| 30. Juni    | Z     | eP                   | 20  | 09 | 36 |                           |                         |                |                |                |                                |
|             |       | F                    | 20  | 12 |    |                           |                         |                |                |                |                                |
| <u>Juli</u> |       |                      |     |    |    |                           |                         |                |                |                |                                |
| 3. Juli     | NWNE  | eP                   | 20  | 32 | 55 |                           |                         |                |                | 8700           | Herdgebiet nach USCGS: Aleuten |
| I           | NWNE  | e                    |     | 33 | 14 |                           |                         |                |                |                |                                |
|             | NW    | ePP                  |     | 35 | 52 |                           |                         |                |                |                |                                |
|             | NWNE  | eS                   |     | 42 | 58 |                           |                         |                |                |                |                                |
|             |       | F                    | 21  | 00 |    |                           |                         |                |                |                |                                |



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| Datum    | Komp. | Phase  | MGZ |    |      | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen  |
|----------|-------|--------|-----|----|------|---------------------------|-------------------------|----------------|----------------|----------------|--|
|          |       |        | h   | m  | s    |                           | A <sub>N</sub>          | A <sub>E</sub> | A <sub>Z</sub> |                |  |
| 3. Juli  | NW    | eP     | 23  | 04 | 33   |                           |                         |                |                |                |  |
| II       |       | F      | 23  | 07 |      |                           |                         |                |                |                |  |
| 4. Juli  | NW    | eP     | 04  | 40 | 15   |                           |                         |                | 8100           |                | Herdgebiet<br>nach USCGS:<br>Königin-<br>Charlotte-<br>Inseln                    |
|          | NW    | e      |     | 40 | 41   |                           |                         |                |                |                |  |
|          | NWNE  | eS     |     | 49 | 42   |                           |                         |                |                |                |  |
|          |       | F      | 05  | 40 |      |                           |                         |                |                |                |  |
| 8. Juli  | ZNWNE | eP     | 13  | 03 | 48   |                           |                         |                |                |                |  |
|          |       | F      | 13  | 06 |      |                           |                         |                |                |                |  |
| 9. Juli  | Z     | e      | 22  | 46 | 04   |                           |                         |                |                |                | Nahbeben   |
|          | Z     | e      |     | 49 | 44   |                           |                         |                |                |                |  |
|          |       | F      | 22  | 54 |      |                           |                         |                |                |                |  |
| 10. Juli | Z     | eP     | 00  | 18 | 11   |                           |                         |                |                |                |  |
|          |       | F      | 00  | 25 |      |                           |                         |                |                |                |  |
| 11. Juli | ZNWNE | e(PKP) | 12  | 14 | 51   |                           |                         |                |                |                |  |
|          | Z     | e      |     | 15 | 16   |                           |                         |                |                |                |  |
|          |       | F      | 12  | 19 |      |                           |                         |                |                |                |  |
| 12. Juli | Z     | e      | 14  | 09 | (42) |                           |                         |                |                |                |  |
|          | Z     | e      |     | 10 | 13   |                           |                         |                |                |                |  |
|          | Z     | eSg    |     | 11 | 24   |                           |                         |                |                |                |  |
|          | NW    | e      |     | 12 | 05   |                           |                         |                |                |                |  |
|          |       | F      | 14  | 16 |      |                           |                         |                |                |                |  |
| 13. Juli | ZNW   | eP     | 13  | 04 | 08   |                           |                         |                |                |                | Herdgebiet<br>nach BCIS:<br>Griechenland   |
|          | NW    | e(S)   |     | 06 | 46   |                           |                         |                |                |                |  |
|          |       | F      | 13  | 18 |      |                           |                         |                |                |                |  |
| 14. Juli | Z     | ePn    | 04  | 18 | (52) |                           |                         |                | 470            |                | Herdgebiet<br>nach BCIS:<br>Nähe<br>Tolmezzo<br>(Italien)<br>46.6° N,<br>12.8° E |
| J        | ZNWNE | e      |     | 19 | 07   |                           |                         |                |                |                |  |
|          | ZNW   | e      |     | 19 | 33   |                           |                         |                |                |                |  |
|          | NWNE  | eSn    |     | 19 | 38   |                           |                         |                |                |                |  |
|          | ZNE   | e      |     | 19 | 56   |                           |                         |                |                |                |  |
|          | ZNWNE | iSg    |     | 20 | 05   |                           |                         |                |                |                |  |
|          |       | F      | 04  | 25 |      |                           |                         |                |                |                |  |
| 14. Juli | Z     | e      | 10  | 41 | 30   |                           |                         |                |                |                |  |
| II       |       | F      | 10  | 50 |      |                           |                         |                |                |                |  |
| 14. Juli | Z     | eP     | 22  | 19 | 09   |                           |                         |                |                |                |  |
| III      | Z     | epP    |     | 19 | 39   |                           |                         |                |                |                |  |
|          |       | F      | 22  | 22 |      |                           |                         |                |                |                |  |

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| Datum    | Komp. | Phase | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen             |
|----------|-------|-------|-----|------|----|---------------------------|-------------------------|----------------|----------------|----------------|-------------------------|
|          |       |       | h   | m    | s  |                           | A <sub>N</sub>          | A <sub>E</sub> | A <sub>Z</sub> |                |                         |
| 15. Juli | Z     | eP    | 05  | 13   | 12 |                           |                         |                |                |                |                         |
|          |       | F     | 05  | 14   |    |                           |                         |                |                |                |                         |
| 16. Juli | Z     | eP    | 21  | 30   | 16 |                           |                         |                |                |                |                         |
| I        |       | F     | 21  | 31   |    |                           |                         |                |                |                |                         |
| 16. Juli | ZNW   | e     | 21  | 49   | 22 |                           |                         |                |                |                | Vermutlich<br>Sprengung |
| II       |       | F     | 21  | 49.6 |    |                           |                         |                |                |                |                         |
| 16. Juli | Z     | eP    | 22  | 13   | 34 |                           |                         |                |                |                |                         |
| III      |       | F     | 22  | 14   |    |                           |                         |                |                |                |                         |
| 18. Juli | ZNW   | eP    | 19  | 01   | 30 |                           |                         |                |                |                |                         |
|          |       | F     | 19  | 05   |    |                           |                         |                |                |                |                         |
| 20. Juli | Z     | ePKP  | 03  | 00   | 18 |                           |                         |                |                |                |                         |
| I        |       | F     | 03  | 01   |    |                           |                         |                |                |                |                         |
| 20. Juli | Z     | eP    | 09  | 42   | 33 |                           |                         |                |                |                |                         |
| II       | ZNWNE | e     |     | 42   | 51 |                           |                         |                |                |                |                         |
|          |       | F     | 09  | 58   |    |                           |                         |                |                |                |                         |
| 20. Juli | ZNWNE | ePKP  | 21  | 18   | 46 |                           |                         |                |                |                |                         |
| III      |       | F     | 21  | 24   |    |                           |                         |                |                |                |                         |
| 20. Juli | ZNW   | e     | 23  | 13   | 12 |                           |                         |                |                |                | Nahbeben                |
| IV       | Z     | e     |     | 14   | 25 |                           |                         |                |                |                |                         |
|          | NW    | e     |     | 14   | 33 |                           |                         |                |                |                |                         |
|          |       | F     | 23  | 19   |    |                           |                         |                |                |                |                         |
| 21. Juli | Z     | ePKP  | 00  | 30   | 23 |                           |                         |                |                |                |                         |
| I        |       | F     | 00  | 32   |    |                           |                         |                |                |                |                         |
| 21. Juli | NW    | e     | 18  | 57   | 47 |                           |                         |                |                |                | Nahbeben                |
| II       |       | F     | 19  | 00   |    |                           |                         |                |                |                |                         |
| 23. Juli | Z     | ePKP  | 07  | 50   | 25 |                           |                         |                |                |                |                         |
|          |       | F     | 07  | 51   |    |                           |                         |                |                |                |                         |
| 24. Juli | Z     | eP    | 10  | 00   | 18 |                           |                         |                |                |                |                         |
|          |       | F     | 10  | 03   |    |                           |                         |                |                |                |                         |
| 25. Juli | ZNWNE | eP    | 03  | 52   | 31 |                           |                         |                |                |                |                         |
| I        | ZNWNE | ePP   |     | 55   | 13 |                           |                         |                |                |                |                         |
|          |       | F     | 05  | 00   |    |                           |                         |                |                |                |                         |



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| Datum         | Komp. | Phase | MGZ |    |    | Periode<br>Ts | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km                     | Bemerkungen |
|---------------|-------|-------|-----|----|----|---------------|-------------------------|----------------|----------------|------------------------------------|-------------|
|               |       |       | h   | m  | s  |               | A <sub>H</sub>          | A <sub>N</sub> | A <sub>E</sub> |                                    |             |
| 25. Juli      | Z     | eP    | 11  | 23 | 22 |               |                         |                | 8000           | Herdgebiet nach USCGS: Kamtschatka |             |
| II            | ZNWE  | 1P    |     | 23 | 24 |               |                         |                |                |                                    |             |
|               | Z     | e     |     | 28 | 26 |               |                         |                |                |                                    |             |
|               | ZNWE  | eS    |     | 32 | 38 |               |                         |                |                |                                    |             |
|               | NW    | eSKKS |     | 33 | 17 |               |                         |                |                |                                    |             |
|               | NW    | e     |     | 34 | 19 |               |                         |                |                |                                    |             |
|               |       | F     | 12  | 30 |    |               |                         |                |                |                                    |             |
| 29. Juli      | ZNWE  | ePKP  | 00  | 43 | 49 |               |                         |                |                |                                    |             |
| I             | NWNE  | ePP   |     | 47 | 09 |               |                         |                |                |                                    |             |
|               |       | F     | 01  | 00 |    |               |                         |                |                |                                    |             |
| 29. Juli      | Z     | eP    | 14  | 42 | 03 |               |                         |                |                |                                    |             |
| II            |       | F     | 14  | 45 |    |               |                         |                |                |                                    |             |
| 29. Juli      | ZNWE  | eP    | 17  | 43 | 47 |               |                         |                |                |                                    |             |
| III           | NW    | e     |     | 43 | 56 |               |                         |                |                |                                    |             |
|               | NWNE  | e     |     | 54 | 08 |               |                         |                |                |                                    |             |
|               |       | F     | 19  | 00 |    |               |                         |                |                |                                    |             |
| 30. Juli      | NW    | e     | 12  | 58 | 09 |               |                         |                |                | Vermitlich Sprengung               |             |
|               |       | F     | 12  | 59 |    |               |                         |                |                |                                    |             |
| 31. Juli      | Z     | ePKP  | 03  | 14 | 42 |               |                         |                |                |                                    |             |
| I             | Z     | e     |     | 14 | 48 |               |                         |                |                |                                    |             |
|               |       | F     | 04  | 30 |    |               |                         |                |                |                                    |             |
| 31. Juli      | Z     | e     | 22  | 34 | 28 |               |                         |                |                |                                    |             |
| II            |       | F     | 22  | 38 |    |               |                         |                |                |                                    |             |
| <u>August</u> |       |       |     |    |    |               |                         |                |                |                                    |             |
| 1. Aug.       | ZNWE  | eP    | 02  | 28 | 16 |               |                         |                |                |                                    |             |
|               |       | F     | 02  | 40 |    |               |                         |                |                |                                    |             |
| 2. Aug.       | Z     | ePKP  | 05  | 26 | 55 |               |                         |                |                |                                    |             |
|               | ZNWE  | ePKP  |     | 26 | 58 |               |                         |                |                |                                    |             |
|               | ZNW   | e     |     | 27 | 24 |               |                         |                |                |                                    |             |
|               |       | F     | 05  | 34 |    |               |                         |                |                |                                    |             |
| 4. Aug.       | ZNWE  | eP    | 07  | 46 | 48 |               |                         |                |                |                                    |             |
|               |       | F     | 08  | 50 |    |               |                         |                |                |                                    |             |
| 8. Aug.       | NW    | eSg   | 05  | 48 | 05 |               |                         |                |                |                                    |             |
| I             |       | F     | 05  | 51 |    |               |                         |                |                |                                    |             |

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| Datum            | Komp. | Phase | MGZ |    |    | Periode<br>Ts | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km  | Bemerkungen |
|------------------|-------|-------|-----|----|----|---------------|-------------------------|----------------|----------------|---|-------------|
|                  |       |       | h   | m  | s  |               | A <sub>H</sub>          | A <sub>N</sub> | A <sub>E</sub> |   |             |
| 8. Aug.          | NW    | eP    | 20  | 40 | 39 |               |                         |                |                |   |             |
| II               |       | F     | 20  | 44 |    |               |                         |                |                |   |             |
| 9. Aug.          | NW    | eP    | 07  | 51 | 50 |               |                         |                | 9000           | Herdgebiet nach USCGS: Californien                                |             |
|                  | NW    | eSKKS | 08  | 02 | 13 |               |                         |                |                |   |             |
|                  |       | F     | 08  | 45 |    |               |                         |                |                |   |             |
| 17. Aug.         | NWNE  | ePg   | 15  | 28 | 55 |               |                         |                | 300            | Herdgebiet nach BCIS: Birkenfeld (Rheintal) 49°42.0' N, 7°15.4' E |             |
|                  | NW    | e     |     | 29 | 27 |               |                         |                |                |   |             |
|                  | NE    | eSg   |     | 29 | 30 |               |                         |                |                |   |             |
|                  | NW    | e     |     | 29 | 36 |               |                         |                |                |   |             |
|                  |       | F     | 16  | 03 |    |               |                         |                |                |   |             |
| 22. Aug.         | NW    | e     | 11  | 59 | 38 |               |                         |                |                | Vermitlich Sprengung  |             |
|                  | NE    | e     |     | 59 | 42 |               |                         |                |                |   |             |
|                  | NW    | e     |     | 59 | 46 |               |                         |                |                |   |             |
|                  |       | F     | 12  | 00 |    |               |                         |                |                |   |             |
| 27. Aug.         | NW    | eP    | 10  | 21 | 41 |               |                         |                |                | Herdgebiet nach BCIS: Kreta                                       |             |
| I                | NW    | e(PP) |     | 22 | 06 |               |                         |                |                |   |             |
|                  | NW    | e(S)  |     | 25 | 29 |               |                         |                |                |   |             |
|                  |       | F     | 10  | 37 |    |               |                         |                |                |   |             |
| 27. Aug.         | ZNW   | eP    | 18  | 27 | 38 |               |                         |                |                |   |             |
| II               |       | F     | 18  | 29 |    |               |                         |                |                |   |             |
| 28. Aug.         | NW    | e     | 24  | 01 | 32 |               |                         |                |                | Nahbeben  |             |
|                  |       | F     | 24  | 03 |    |               |                         |                |                |   |             |
| 31. Aug.         | NW    | eP    | 22  | 16 | 34 |               |                         |                |                |   |             |
|                  | NW    | e     |     | 16 | 38 |               |                         |                |                |   |             |
|                  | NE    | e     |     | 21 | 35 |               |                         |                |                |   |             |
|                  |       | F     | 22  | 22 |    |               |                         |                |                |   |             |
| <u>September</u> |       |       |     |    |    |               |                         |                |                |   |             |
| 2. Sept.         | ZNW   | eP    | 22  | 14 | 45 |               |                         |                |                |   |             |
|                  | ZNW   | e     |     | 15 | 18 |               |                         |                |                |   |             |
|                  |       | F     | 22  | 18 |    |               |                         |                |                |   |             |
| 3. Sept.         | ZNW   | eP    | 00  | 05 | 38 |               |                         |                |                |   |             |
| I                |       | F     | 00  | 08 |    |               |                         |                |                |   |             |
| 3. Sept.         | Z     | e     | 06  | 01 | 38 |               |                         |                |                |   |             |
| II               |       | F     | 06  | 03 |    |               |                         |                |                |   |             |



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| Datum     | Komp. | Phase   | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen |
|-----------|-------|---------|-----|----|----|---------------------------|-------------------------|----------------|----------------|----------------|-------------|
|           |       |         | h   | m  | s  |                           | A <sub>N</sub>          | A <sub>E</sub> | A <sub>Z</sub> |                |             |
| 3. Sept.  | ZNW   | ePKP    | 12  | 59 | 49 |                           |                         |                |                |                |             |
| III       | Z     | e(pPKP) | 13  | 01 | 52 |                           |                         |                |                |                |             |
|           | Z     | esPKP   |     | 02 | 48 |                           |                         |                |                |                |             |
|           |       | F       | 13  | 05 |    |                           |                         |                |                |                |             |
| 3. Sept.  | Z     | ePKP    | 15  | 36 | 09 |                           |                         |                |                |                |             |
| IV        |       | F       | 15  | 37 |    |                           |                         |                |                |                |             |
| 3. Sept.  | NWNE  | eP      | 23  | 58 | 27 |                           |                         |                |                |                |             |
| V         | NW    | e(PP)   | 24  | 01 | 30 |                           |                         |                |                |                |             |
|           |       | F       | 24  | 45 |    |                           |                         |                |                |                |             |
| 9. Sept.  | Z     | e       | 05  | 07 | 32 |                           |                         |                |                |                | Nahbeben    |
| I         |       | F       | 05  | 10 |    |                           |                         |                |                |                |             |
| 9. Sept.  | ZNW   | eP      | 20  | 09 | 33 |                           |                         |                |                |                |             |
| II        |       | F       | 20  | 13 |    |                           |                         |                |                |                |             |
| 10. Sept. | ZNW   | eP      | 00  | 23 | 35 |                           |                         |                |                |                |             |
| I         |       | F       | 00  | 35 |    |                           |                         |                |                |                |             |
| 10. Sept. | Z     | eP      | 10  | 57 | 37 |                           |                         |                |                |                |             |
| II        |       | F       | 10  | 58 |    |                           |                         |                |                |                |             |
| 10. Sept. | ZNW   | e       | 12  | 48 | 26 |                           |                         |                |                |                | Nahbeben    |
| III       |       | F       | 12  | 50 |    |                           |                         |                |                |                |             |
| 12. Sept. | NWNE  | eP      | 12  | 29 | 43 |                           |                         |                |                |                |             |
|           |       | F       | 12  | 33 |    |                           |                         |                |                |                |             |
| 14. Sept. | Z     | e(P)    | 00  | 47 | 25 |                           |                         |                |                |                |             |
| I         |       | F       | 00  | 48 |    |                           |                         |                |                |                |             |
| 14. Sept. | Z     | ePKP    | 23  | 38 | 31 |                           |                         |                |                |                |             |
| II        | Z     | e       |     | 38 | 39 |                           |                         |                |                |                |             |
|           |       | F       | 23  | 41 |    |                           |                         |                |                |                |             |
| 17. Sept. | NWNE  | eP      | 08  | 17 | 16 |                           |                         |                |                |                |             |
| I         | NWNE  | e       |     | 17 | 43 |                           |                         |                |                |                |             |
|           |       | F       | 09  | 00 |    |                           |                         |                |                |                |             |
| 17. Sept. | NW    | ePKP    | 20  | 16 | 02 |                           |                         |                |                |                |             |
| II        |       | F       | 20  | 19 |    |                           |                         |                |                |                |             |
| 19. Sept. | NW    | eP      | 19  | 13 | 55 |                           |                         |                |                |                |             |
|           |       | F       | 20  | 00 |    |                           |                         |                |                |                |             |

Sonneberg 1960

| Datum          | Komp. | Phase  | MGZ                     |    |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km | Bemerkungen   |
|----------------|-------|--------|-------------------------|----|----|---------------------------|-------------------------|----------------|----------------|----------------|---|
|                |       |        | h                       | m  | s  |                           | A <sub>N</sub>          | A <sub>E</sub> | A <sub>Z</sub> |                |   |
| 22. Sept.      | NWNE  | eP     | 05                      | 47 | 52 |                           |                         |                |                |                |   |
| I              |       | F      | 06                      | 25 |    |                           |                         |                |                |                |   |
| 22. Sept.      | NWNE  | eP     | 09                      | 15 | 13 |                           |                         |                |                |                |   |
| II             |       | F      | 10                      | 10 |    |                           |                         |                |                |                |   |
| 22. Sept.      | NWNE  | eP     | 09                      | 24 | 33 |                           |                         |                |                | 6300           | Herdgebiet nach USCGS; Kongo                              |
| III            | NE    | eS     |                         | 32 | 28 |                           |                         |                |                |                |   |
|                |       | F      | im vorhergehenden Beben |    |    |                           |                         |                |                |                |   |
| <u>Oktober</u> |       |        |                         |    |    |                           |                         |                |                |                |   |
| 1. Okt.        | ZNW   | eP     | 05                      | 34 | 53 |                           |                         |                |                |                |   |
|                |       | F      | 05                      | 37 |    |                           |                         |                |                |                |   |
| 6. Okt.        | ZNW   | eP     | 20                      | 01 | 10 |                           |                         |                |                |                |   |
|                | ZNW   | eFP    |                         | 01 | 46 |                           |                         |                |                |                |   |
|                |       | F      | 20                      | 16 |    |                           |                         |                |                |                |   |
| 8. Okt.        | NWNE  | eP     | 06                      | 03 | 46 |                           |                         |                |                | 8200           | h = ca. 600 km<br>Herdgebiet nach USCGS; Japanisches Meer |
|                | NWNE  | e      |                         | 03 | 48 |                           |                         |                |                |                |   |
|                | NE    | esP    |                         | 06 | 49 |                           |                         |                |                |                |   |
|                | NWNE  | eS     |                         | 12 | 34 |                           |                         |                |                |                |   |
|                | NE    | eSP    |                         | 12 | 56 |                           |                         |                |                |                |   |
|                |       | F      | 06                      | 50 |    |                           |                         |                |                |                |   |
| 9. Okt.        | NWNE  | eP     | 09                      | 12 | 34 |                           |                         |                |                | 8600           | Herdgebiet nach USCGS; Nähe der Küste von Hondo           |
| I              | NW    | eS     |                         | 22 | 22 |                           |                         |                |                |                |   |
|                | NW    | e      |                         | 22 | 46 |                           |                         |                |                |                |   |
|                |       | F      | 10                      | 00 |    |                           |                         |                |                |                |   |
| 9. Okt.        | NW    | e(PKP) | 10                      | 10 | 45 |                           |                         |                |                |                |   |
| II             |       | F      | 10                      | 12 |    |                           |                         |                |                |                |   |
| 13. Okt.       | ZNWNE | e      | 02                      | 24 | 01 |                           |                         |                |                |                | Nahbeben  |
| I              | Z     | e      |                         | 24 | 11 |                           |                         |                |                |                |   |
|                | ZNW   | e      |                         | 24 | 38 |                           |                         |                |                |                |   |
|                |       | F      | 02                      | 33 |    |                           |                         |                |                |                |   |
| 13. Okt.       | NW    | eP     | 15                      | 04 | 01 |                           |                         |                |                |                |   |
| II             | NW    | e(PS)  |                         | 14 | 23 |                           |                         |                |                |                |   |
|                |       | F      | 15                      | 30 |    |                           |                         |                |                |                |   |
| 14. Okt.       | NWNE  | eP     | 21                      | 31 | 09 |                           |                         |                |                |                |   |
| I              | NE    | e      |                         | 41 | 16 |                           |                         |                |                |                |   |
|                |       | F      | 22                      | 30 |    |                           |                         |                |                |                |   |



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| Datum           | Komp. | Phase | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude μm   |                |                | Δ<br>km | Bemerkungen  |
|-----------------|-------|-------|-----|------|----|---------------------------|----------------|----------------|----------------|---------|--|
|                 |       |       | h   | m    | s  |                           | A <sub>x</sub> | A <sub>y</sub> | A <sub>z</sub> |         |  |
| 14. Okt.        | NW    | eP    | 23  | 01   | 30 |                           |                |                |                |         |  |
| II              |       | F     | 23  | 05   |    |                           |                |                |                |         |  |
| 21. Okt.        | NW    | e     | 13  | 17   | 29 |                           |                |                |                |         |  |
|                 |       | F     | 13  | 18.3 |    |                           |                |                |                |         | Vermutlich Sprengung                                 |
| 26. Okt.        | NW    | e     | 12  | 32   | 32 |                           |                |                |                |         |  |
|                 | NWNE  | e     |     | 33   | 28 |                           |                |                |                |         | Nahbeben   |
|                 |       | F     | 12  | 36   |    |                           |                |                |                |         |  |
| 27. Okt.        | NWNE  | ePKP  | 22  | 47   | 03 |                           |                |                |                |         |  |
|                 | NWNE  | e     |     | 47   | 09 |                           |                |                |                |         |  |
|                 |       | F     | 22  | 50   |    |                           |                |                |                |         |  |
| 28. Okt.        | NWNE  | eP    | 04  | 23   | 46 |                           |                |                | 2600           |         | Herdgebiet nach USCGS: Jan Mayen                     |
| I               | NWNE  | e     |     | 23   | 55 |                           |                |                |                |         |  |
|                 | NW    | e(P)  |     | 24   | 09 |                           |                |                |                |         |  |
|                 | NWNE  | eS    |     | 27   | 56 |                           |                |                |                |         |  |
|                 |       | F     | 05  | 00   |    |                           |                |                |                |         |  |
| 28. Okt.        | NW    | eP    | 07  | 51   | 39 |                           |                |                |                |         |  |
| II              | NW    | e     |     | 52   | 05 |                           |                |                |                |         |  |
|                 |       | F     | 07  | 55   |    |                           |                |                |                |         |  |
| 28. Okt.        | NWNE  | eP    | 13  | 29   | 43 |                           |                |                | 8100           |         | h = ca. 100 km<br>Herdgebiet nach USCGS: Kamtschatka |
| III             | NW    | epP   |     | 30   | 08 |                           |                |                |                |         |  |
|                 | NWNE  | ePP   |     | 32   | 30 |                           |                |                |                |         |  |
|                 |       | e     |     | 34   | 47 |                           |                |                |                |         |  |
|                 |       | F     | 14  | 10   |    |                           |                |                |                |         |  |
| 29. Okt.        | NWNE  | ePn   | 00  | 10   | 11 |                           |                |                | 730            |         | Herdgebiet nach BCIS: Etruskischer Apennin           |
| I               | NWNE  | e     |     | 10   | 54 |                           |                |                |                |         |  |
|                 | NWNE  | eSn   |     | 11   | 25 |                           |                |                |                |         |  |
|                 | NWNE  | eSg   |     | 12   | 07 |                           |                |                |                |         |  |
|                 |       | F     | 00  | 19   |    |                           |                |                |                |         |  |
| 29. Okt.        | NW    | ePKP  | 09  | 57   | 13 |                           |                |                |                |         |  |
| II              |       | F     | 10  | 00   |    |                           |                |                |                |         |  |
| 29. Okt.        | NW    | eP    | 13  | 31   | 39 |                           |                |                |                |         |  |
| III             |       | F     | 13  | 33   |    |                           |                |                |                |         |  |
| <u>November</u> |       |       |     |      |    |                           |                |                |                |         |  |
| 1. Nov.         | NE    | ePP   | 09  | 05   | 53 |                           |                |                |                |         |  |
| I               |       |       |     |      |    |                           |                |                |                |         |  |

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| Datum    | Komp. | Phase  | MGZ |    |    | Periode<br>T <sub>s</sub> | Amplitude μm   |                |                | Δ<br>km | Bemerkungen  |
|----------|-------|--------|-----|----|----|---------------------------|----------------|----------------|----------------|---------|--|
|          |       |        | h   | m  | s  |                           | A <sub>x</sub> | A <sub>y</sub> | A <sub>z</sub> |         |  |
| noch     |       |        |     |    |    |                           |                |                |                |         |  |
| 1. Nov.  | NE    | e(PFP) |     | 08 | 28 |                           |                |                |                |         |  |
| I        |       | F      | 10  | 15 |    |                           |                |                |                |         |  |
| 1. Nov.  | NWNE  | e      | 13  | 27 | 34 |                           |                |                |                |         | Vermutlich Sprengung   |
| II       | NWNE  | e      |     | 27 | 39 |                           |                |                |                |         |  |
|          |       | F      | 13  | 29 |    |                           |                |                |                |         |  |
| 5. Nov.  | ZNW   | eP     | 20  | 24 | 04 |                           |                |                |                |         | Herdgebiet nach BCIS: Grenzgebiet Albanien-Griechenland 39.4° N, 20.5° E |
|          | ZNW   | e      |     | 24 | 12 |                           |                |                |                |         |  |
|          | ZNE   | e      |     | 24 | 18 |                           |                |                |                |         |  |
|          | Z     | e      |     | 24 | 27 |                           |                |                |                |         |  |
|          | NW    | e      |     | 25 | 06 |                           |                |                |                |         |  |
|          | ZNW   | e(S)   |     | 26 | 15 |                           |                |                |                |         |  |
|          | NE    | e(S)   |     | 26 | 41 |                           |                |                |                |         |  |
|          | ZNW   | e      |     | 26 | 50 |                           |                |                |                |         |  |
|          | Z     | e      |     | 27 | 05 |                           |                |                |                |         |  |
|          |       | F      | 20  | 50 |    |                           |                |                |                |         |  |
| 6. Nov.  | ZNWNE | eiP    | 04  | 49 | 50 |                           |                |                | 8100           |         | Herdgebiet nach USCGS: Ostküste von Kamtschatka                          |
| I        | Z     | e      |     | 50 | 28 |                           |                |                |                |         |  |
|          | NWNE  | eS     |     | 59 | 19 |                           |                |                |                |         |  |
|          | NE    | ePS    |     | 59 | 36 |                           |                |                |                |         |  |
|          |       | F      | 05  | 30 |    |                           |                |                |                |         |  |
| 6. Nov.  | ZNWNE | eP     | 22  | 21 | 00 |                           |                |                |                |         |  |
| II       |       | F      | 22  | 24 |    |                           |                |                |                |         |  |
| 7. Nov.  | Z     | eP     | 13  | 35 | 29 |                           |                |                |                |         |  |
|          |       | F      | 13  | 37 |    |                           |                |                |                |         |  |
| 8. Nov.  | Z     | eP     | 05  | 34 | 11 |                           |                |                |                |         |  |
| I        |       | F      | 05  | 35 |    |                           |                |                |                |         |  |
| 8. Nov.  | Z     | eP     | 05  | 39 | 24 |                           |                |                |                |         |  |
| II       |       | F      | 05  | 40 |    |                           |                |                |                |         |  |
| 9. Nov.  | Z     | ePP    | 03  | 37 | 34 |                           |                |                |                |         |  |
| I        |       | F      | 03  | 49 |    |                           |                |                |                |         |  |
| 9. Nov.  | Z     | e(P)   | 10  | 54 | 35 |                           |                |                |                |         |  |
| II       |       | F      | 11  | 40 |    |                           |                |                |                |         |  |
| 10. Nov. | Z     | eP     | 05  | 39 | 33 |                           |                |                |                |         |  |
| I        |       | F      | 05  | 41 |    |                           |                |                |                |         |  |



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| Datum    | Komp. | Phase  | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |   | $\Delta$<br>km                                       | Bemerkungen |
|----------|-------|--------|-----|------|----|---------------------------|-------------------------|----------------|---|--|-------------|
|          |       |        | h   | m    | s  |                           | A <sub>H</sub>          | A <sub>S</sub> | A <sub>Z</sub>                                      |  |             |
| 10. Nov. | Z     | e      | 15  | 03   | 29 |                           |                         |                |   |  |             |
| II       | Z     | e      | ✓   | 04   | 31 |                           |                         |                |   |  |             |
|          |       | F      | 15  | 09   |    |                           |                         |                |   |  |             |
| 11. Nov. | Z     | eP     | 05  | 34   | 41 |                           |                         |                | 1400  | Herdgebiet<br>nach BCIS:<br>Nord-<br>Griechenland    |             |
|          | NW    | eS     |     | 37   | 06 |                           |                         |                |   |  |             |
|          | Z     | e      |     | 37   | 37 |                           |                         |                |   |  |             |
|          | Z     | e      |     | 38   | 47 |                           |                         |                |   |  |             |
|          |       | F      | 05  | 45   |    |                           |                         |                |   |  |             |
| 13. Nov. | Z     | ePKP   | 06  | 55   | 36 |                           |                         |                | 8800  | Herdgebiet<br>nach USCGS:<br>Fox-Inseln<br>(Aleuten) |             |
|          |       | F      | 06  | 58   |    |                           |                         |                |   |  |             |
| 13. Nov. | ZNWNE | eP     | 09  | 32   | 36 |                           |                         |                | 8800  | Herdgebiet<br>nach USCGS:<br>Fox-Inseln<br>(Aleuten) |             |
|          | Z     | e      |     | 35   | 32 |                           |                         |                |   |  |             |
|          | ZNWNE | eS     |     | 42   | 35 |                           |                         |                |   |  |             |
|          |       | F      | 10  | 45   |    |                           |                         |                |   |  |             |
| 18. Nov. | Z     | eP     | 06  | 08   | 11 |                           |                         |                |   |  |             |
|          |       | F      | 06  | 11   |    |                           |                         |                |   |  |             |
| 20. Nov. | Z     | eP     | 22  | 15   | 22 |                           |                         |                | Herdgebiet<br>nach USCGS:<br>Nähe Küste<br>von Peru |  |             |
|          | Z     | epP    |     | 15   | 35 |                           |                         |                |   |  |             |
|          | Z     | e      |     | 16   | 12 |                           |                         |                |   |  |             |
|          | Z     | e      |     | 19   | 21 |                           |                         |                |   |  |             |
|          | Z     | e      |     | 19   | 33 |                           |                         |                |   |  |             |
|          | NW    | e(S)   |     | 26.2 |    |                           |                         |                |   |  |             |
|          |       | F      | 23  | 30   |    |                           |                         |                |   |  |             |
| 22. Nov. | Z     | ePKP   | 03  | 51   | 41 |                           |                         |                |   |  |             |
|          |       | F      | 03  | 54   |    |                           |                         |                |   |  |             |
| 23. Nov. | Z     | ePKP   | 18  | 16   | 26 |                           |                         |                |   |  |             |
|          | I     | F      | 18  | 19   |    |                           |                         |                |   |  |             |
| 23. Nov. | Z     | e(PKP) | 21  | 33   | 15 |                           |                         |                |   |  |             |
|          | II    | F      | 21  | 33.5 |    |                           |                         |                |   |  |             |
| 24. Nov. | Z     | ePKP   | 05  | 09   | 08 |                           |                         |                |   |  |             |
|          | I     | F      | 05  | 13   |    |                           |                         |                |   |  |             |
| 24. Nov. | Z     | ePKP   | 07  | 12   | 33 |                           |                         |                |   |  |             |
|          | II    | epPKP  |     | 12   | 40 |                           |                         |                |   |  |             |
|          | NWNE  | e      |     | 23   | 22 |                           |                         |                |   |  |             |
|          |       | F      | 09  | 00   |    |                           |                         |                |   |  |             |

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| Datum              | Komp. | Phase  | MGZ |      |    | Periode<br>T <sub>s</sub> | Amplitude $\mu\text{m}$ |                |                | $\Delta$<br>km   | Bemerkungen |
|--------------------|-------|--------|-----|------|----|---------------------------|-------------------------|----------------|----------------|--|-------------|
|                    |       |        | h   | m    | s  |                           | A <sub>H</sub>          | A <sub>S</sub> | A <sub>Z</sub> |  |             |
| 25. Nov.           | Z     | eP     | 22  | 06   | 17 |                           |                         |                |                |  |             |
|                    |       | F      | 22  | 09   |    |                           |                         |                |                |  |             |
| 29. Nov.           | Z     | eP     | 14  | 19   | 22 |                           |                         |                |                |  |             |
|                    |       | F      | 14  | 21   |    |                           |                         |                |                |  |             |
| <u>Dezember</u>    |       |        |     |      |    |                           |                         |                |                |  |             |
| 1. Dez.            | Z     | eP     | 04  | 06   | 44 |                           |                         |                |                |  |             |
|                    | I     | F      | 04  | 08   |    |                           |                         |                |                |  |             |
| 1. Dez.            | Z     | eP     | 21  | 01   | 32 |                           |                         |                |                |  |             |
|                    | II    | F      | 21  | 03   |    |                           |                         |                |                |  |             |
| 2. Dez.            | Z     | eFP    | 09  | 29   | 05 |                           |                         |                |                |  |             |
|                    | Z     | e      |     | 31   | 41 |                           |                         |                |                |  |             |
|                    |       | F      | 10  | 30   |    |                           |                         |                |                |  |             |
| 3. Dez.            | ZNWNE | eP     | 04  | 34   | 25 |                           |                         |                |                |  |             |
|                    | Z     | e(PP)  |     | 36   | 44 |                           |                         |                |                |  |             |
|                    | ZNE   | e      |     | 38   | 06 |                           |                         |                |                |  |             |
|                    |       | F      | 05  | 30   |    |                           |                         |                |                |  |             |
| 4. Dez.            | Z     | e(PKP) | 24  | 14   | 23 |                           |                         |                |                |  |             |
|                    |       | F      | 24  | 15   |    |                           |                         |                |                |  |             |
| <del>5. Dez.</del> | Z     | eP     | 18  | 01   | 10 |                           |                         |                |                |  |             |
|                    | I     | F      | 18  | 01.5 |    |                           |                         |                |                |  |             |
| 5. Dez.            | Z     | eP     | 18  | 18   | 55 |                           |                         |                |                |  |             |
|                    | II    | F      | 18  | 19.5 |    |                           |                         |                |                |  |             |
| 5. Dez.            | ZNE   | eP     | 21  | 26   | 17 |                           |                         |                | 2200           | h = ca.<br>60 km<br>Herdgebiet<br>nach USCGS:<br>Westlich der<br>Straße von<br>Gibraltar |             |
|                    | III   | epP    |     | 26   | 31 |                           |                         |                |                |  |             |
|                    | NE    | eS     |     | 30   | 03 |                           |                         |                |                |  |             |
|                    | Z     | e      |     | 31   | 19 |                           |                         |                |                |  |             |
|                    |       | F      | 21  | 35   |    |                           |                         |                |                |  |             |
| 6. Dez.            | Z     | eP     | 09  | 10   | 00 |                           |                         |                |                |  |             |
|                    | Z     | e      |     | 10   | 13 |                           |                         |                |                |  |             |
|                    | ZNE   | e(PP)  |     | 14   | 05 |                           |                         |                |                |  |             |
|                    | ZNE   | e      |     | 14   | 23 |                           |                         |                |                |  |             |
|                    |       | F      | 09  | 20   |    |                           |                         |                |                |  |             |
| 7. Dez.            | NE    | e      | 20  | 45   | 27 |                           |                         |                |                |  |             |
|                    | NE    | e      |     | 46   | 08 |                           |                         |                |                |  |             |



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| Datum           | Komp.           | Phase                | MGZ              |                      |                | Periode<br>T <sub>s</sub> | Amplitude μm   |                |                | Δ<br>km                             | Bemerkungen |
|-----------------|-----------------|----------------------|------------------|----------------------|----------------|---------------------------|----------------|----------------|----------------|-------------------------------------|-------------|
|                 |                 |                      | h                | m                    | s              |                           | A <sub>H</sub> | A <sub>V</sub> | A <sub>Z</sub> |                                     |             |
| noch            |                 |                      |                  |                      |                |                           |                |                |                |                                     |             |
| 7. Dez.         | NW              | e<br>F               |                  | 46<br>20             | 15<br>49       |                           |                |                |                |                                     |             |
| 8. Dez.         | Z               | ePKP<br>F            | 01<br>01         | 43<br>44             | 02             |                           |                |                |                |                                     |             |
| 10. Dez.        | Z               | e<br>F               | 13<br>13         | 52<br>53             | 07             |                           |                |                |                |                                     |             |
| 11. Dez.<br>I   | Z               | ePKP<br>F            | 00<br>00         | 20<br>24             | 42             |                           |                |                |                |                                     |             |
| 11. Dez.<br>II  | Z<br>Z          | ePKP<br>e<br>F       | 19<br><br>19     | 12<br>16<br>17       | 29<br>06       |                           |                |                |                |                                     |             |
| 12. Dez.        | NWNE<br>NWNE    | e<br>e<br>F          | 22<br><br>22     | 02<br>03<br>05       | 06<br>07       |                           |                |                |                | Nahbeben                            |             |
| 13. Dez.<br>I   | Z<br>Z          | ePKP<br>e<br>F       | 07<br><br>10     | 56<br>57<br>00       | 37<br>27       |                           |                |                |                |                                     |             |
| 13. Dez.<br>II  | Z               | e<br>F               | 09               | 22                   | 55             |                           |                |                |                | im vorhergehenden Beben             |             |
| 13. Dez.<br>III | Z               | eP<br>F              | 10               | 18                   | 28             |                           |                |                |                | im Beben 13. Dez. I                 |             |
| 16. Dez.        | Z               | eP<br>F              | 18<br>18         | 27<br>29             | 23             |                           |                |                |                |                                     |             |
| 18. Dez.<br>I   | ZNW<br>Z<br>ZNW | e<br>e<br>e<br>F     | 11<br><br><br>11 | 55<br>56<br>56       | 47<br>22<br>29 |                           |                |                |                | Nahbeben                            |             |
| 18. Dez.<br>II  | ZNWNE<br>ZNWNE  | e<br>e<br>F          | 12<br><br>12     | 01<br>01<br>05       | 08<br>50       |                           |                |                |                | Nahbeben                            |             |
| 19. Dez.        | Z<br>Z<br>Z     | ePg<br>eSg<br>e<br>F | 14<br><br>14     | 36<br>37<br>38<br>41 | 33<br>53<br>05 |                           |                |                | 680            | Herdgebiet<br>nach BCIS:<br>Italien |             |

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| Datum    | Komp. | Phase   | MGZ      |          |    | Periode<br>T <sub>s</sub> | Amplitude μm   |                |                | Δ<br>km | Bemerkungen |
|----------|-------|---------|----------|----------|----|---------------------------|----------------|----------------|----------------|---------|-------------|
|          |       |         | h        | m        | s  |                           | A <sub>H</sub> | A <sub>V</sub> | A <sub>Z</sub> |         |             |
| 21. Dez. | Z     | eP<br>F | 14<br>14 | 50<br>51 | 44 |                           |                |                |                |         |             |
| 22. Dez. | Z     | eP<br>F | 03<br>03 | 14<br>16 | 26 |                           |                |                |                |         |             |



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