



PROGRAMMA OPERATIVO NAZIONALE RICERCA E COMPETITIVITÀ PER LE REGIONI DELLA CONVERGENZA - 2007/2013 - CCI: 2007IT161PO006

ASSE I “SOSTEGNO AI MUTAMENTI STRUTTURALI”

OBIETTIVO OPERATIVO 4.1.1.1. “AREE SCIENTIFICO-TECNOLOGICHE GENERATRICI DI PROCESSI DI TRASFORMAZIONE DEL SISTEMA PRODUTTIVO E CREATRICI DI NUOVI SETTORI”

AZIONE II: “INTERVENTI DI SOSTEGNO DELLA RICERCA INDUSTRIALE”

PROGETTO PON01_02710 MASSIMO

AMBITO/SETTORE BENI CULTURALI

CUP B21C11000550005

UNIVERSITÀ DELLA CALABRIA – DIPARTIMENTO DI FISICA

BOLLETTINO

DELLA

SISMICITÀ DELLA CALABRIA

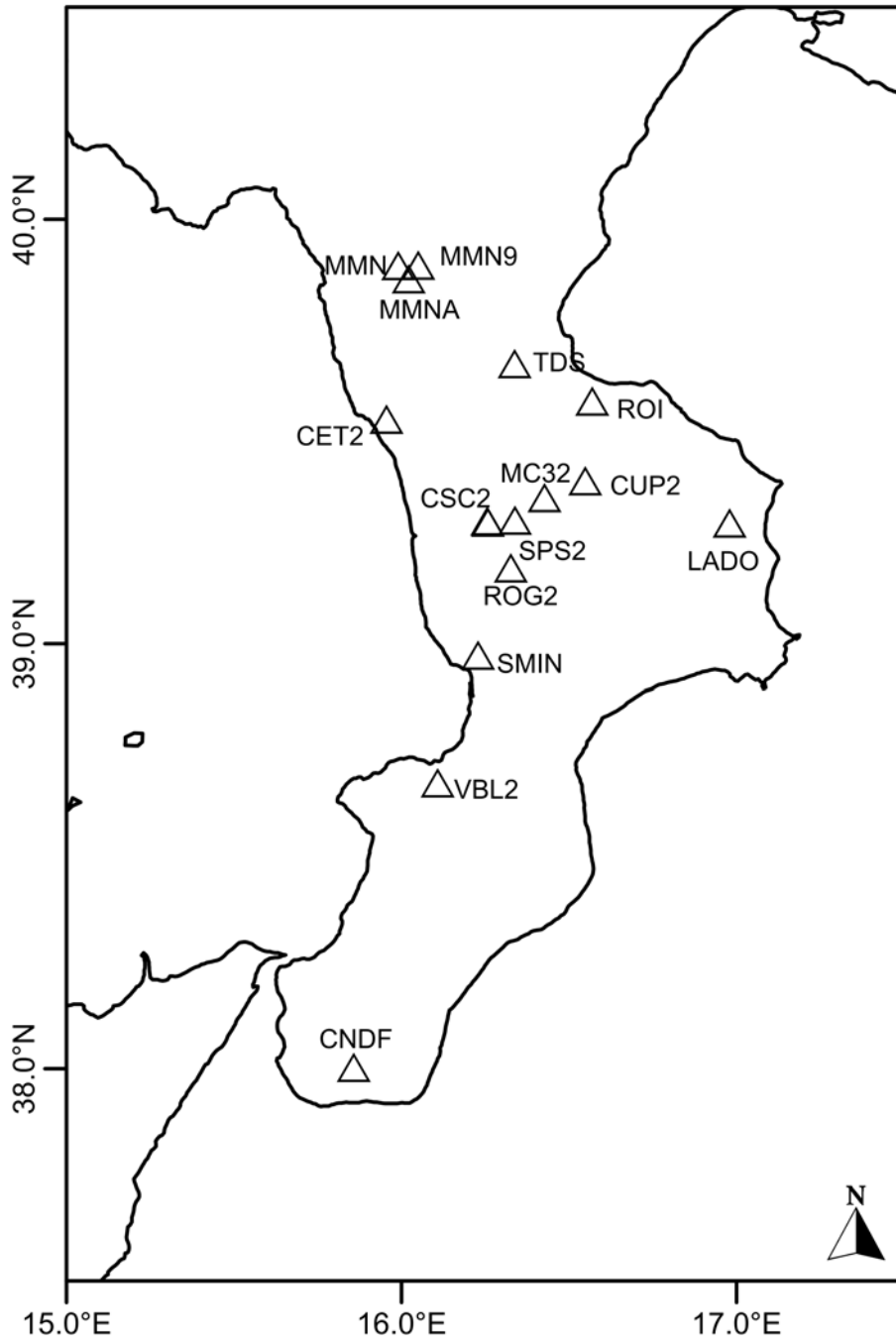
E

DELLE AREE CIRCOSTANTI

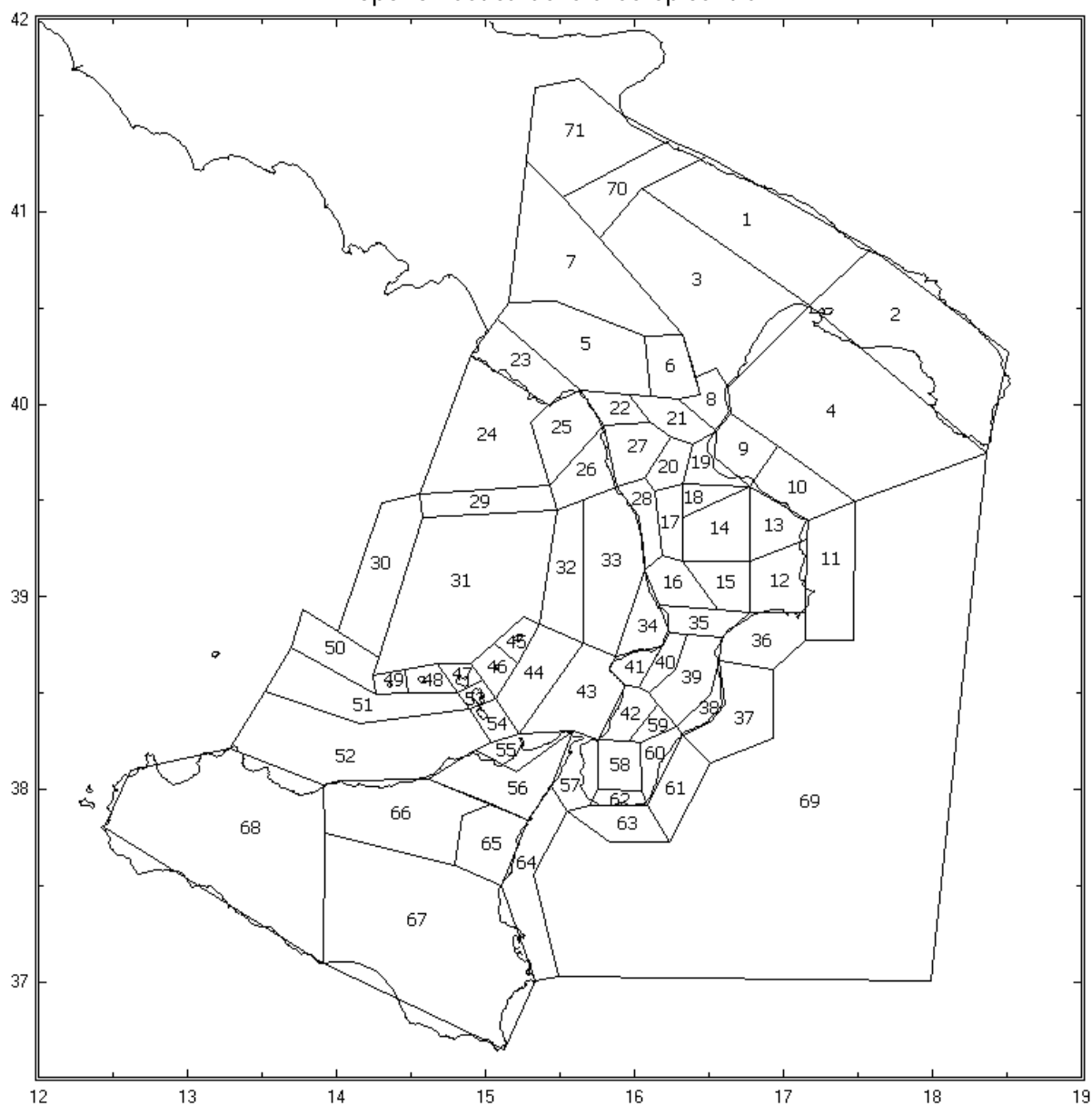
prodotto nell'ambito delle attività dell'O.R. 2.1

Periodo 16-30 Giugno 2015

Distribuzione delle stazioni della Rete Sismica UniCal – Pon MASSIMO



Toponomastica delle aree epicentrali



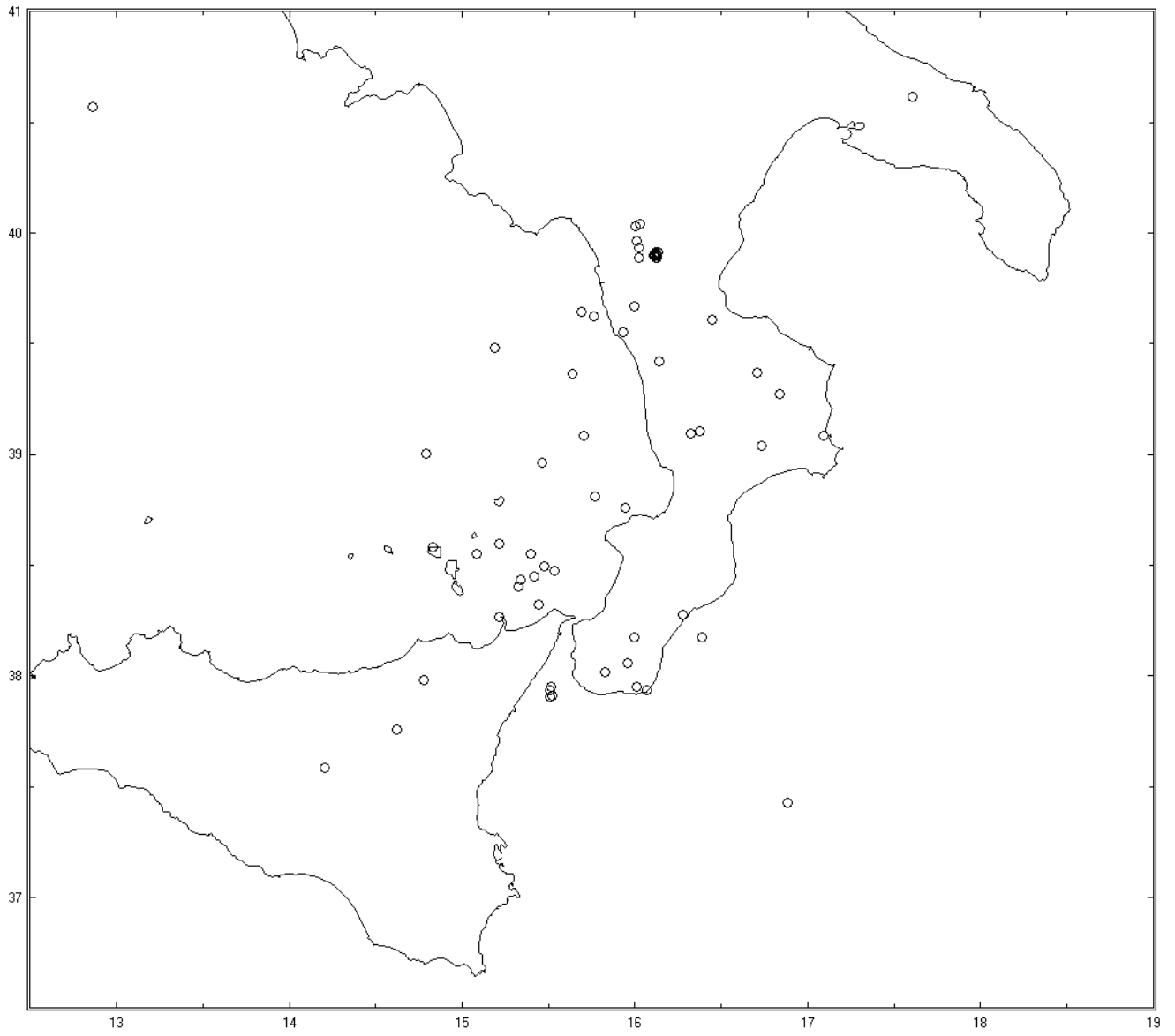
| | | | |
|--|--------------------------------------|---------------------------------------|---|
| 1 Murge | 19 Piana di Sibari | 37 Offshore Punta Stilo | 55 Milazzo |
| 2 Penisola Salentina | 20 Valle dell'Esaro | 38 Punta Stilo | 56 Monti Peloritani |
| 3 Piana del Bradano e del Basento | 21 Catena del Pollino | 39 Serre centro-settentrionali | 57 Stretto di Messina |
| 4 Golfo di Taranto | 22 Marate - Rotonda | 40 Valle del Mesima | 58 Aspromonte |
| 5 Vallo di Diano | 23 Cilento | 41 Monte Poro | 59 Serre meridionali |
| 6 Bacino di Sant'Arcangelo | 24 Offshore Cilento | 42 Piana di Gioia Tauro | 60 Locride |
| 7 Appennino Lucano | 25 Golfo di Policastro | 43 Bacino di Gioia | 61 Offshore Locride |
| 8 Confine calabro-lucano or. | 26 Offshore Scalea - Diamante | 44 Canyon di Stromboli | 62 Aspromonte meridionale |
| 9 Golfo di Sibari | 27 Alto Tirreno Cosentino | 45 Stromboli | 63 Offshore Calabria Meridionale |
| 10 Offshore Cirò | 28 Catena Costiera | 46 Panarea | 64 Coste Sicilia or. |
| 11 Offshore Crotona | 29 Vulcani Palinuro ed Entrio | 47 Salina | 65 Etna |
| 12 Marchesato | 30 Vulcano Marsili | 48 Filicudi | 66 Monti Madonie - Nebrodi |
| 13 Presila Nord-or. | 31 Piana Batiale del tirreno | 49 Alicudi | 67 Sicilia centro-meridionale |
| 14 Sila Grande | 32 Scarpata di Paola | 50 Seamount Sisifo ed Eolo | 68 Sicilia occidentale |
| 15 Sila Piccola | 33 Bacino di Paola | 51 Bacino di Alicudi | 69 Piana batiale ionica |
| 16 Amantea - Monte Reventino | 34 Golfo di Sant'Eufemia | 52 Bacino di Cefalù | 70 Ofanto |
| 17 Valle del Crati | 35 Stretta di Catanzaro | 53 Lipari | 71 Capitanata |
| 18 Sila Greca | 36 Golfo di Squillace | 54 Vulcano | |

Parametri ipocentrali degli eventi localizzati nel periodo di riferimento

| Data | Orario | | Lat N | LON E | H ₀ | m | δlat | δlon | δH ₀ | nr | GAP | sqm | δT ₀ |
|--------|--------|------|---------|---------|----------------|-----|------|------|-----------------|----|-----|------|-----------------|
| Aammgg | hhmm | ss.s | ° | ° | km | | km | km | km | | ° | sec | sec |
| 150616 | 0023 | 7.9 | 39.0845 | 17.0891 | 19.9 | | 0.59 | 0.71 | 0.54 | 7 | 284 | 0.09 | 0.13 |
| 150616 | 0616 | 13.5 | 37.9510 | 16.0102 | 56.8 | 1.9 | 2.53 | 1.62 | 3.75 | 30 | 191 | 0.47 | 0.18 |
| 150616 | 0718 | 17.5 | 37.7576 | 14.6251 | 24.0 | 2.4 | 0.63 | 0.76 | 2.83 | 43 | 63 | 0.49 | 0.09 |
| 150616 | 0929 | 29.8 | 38.1745 | 15.9993 | 21.0 | 2.4 | 0.65 | 0.65 | 2.56 | 45 | 105 | 0.44 | 0.09 |
| 150616 | 2249 | 51.9 | 39.6437 | 15.6902 | 81.4 | 0.8 | 4.79 | 6.67 | 4.34 | 10 | 242 | 0.54 | 0.42 |
| 150617 | 0259 | 1.6 | 38.9636 | 15.4637 | 69.0 | 1.9 | 1.13 | 1.57 | 3.51 | 35 | 177 | 0.44 | 0.14 |
| 150617 | 0944 | 6.3 | 37.5857 | 14.2076 | 7.7 | 3.2 | 0.78 | 0.66 | 2.82 | 61 | 72 | 0.49 | 0.10 |
| 150618 | 1218 | 51.9 | 39.8960 | 16.1272 | 5.4 | 1.0 | 0.48 | 0.49 | 1.11 | 14 | 101 | 0.25 | 0.08 |
| 150618 | 2128 | 10.5 | 38.2792 | 16.2792 | 34.9 | | 0.80 | 0.89 | 1.21 | 6 | 194 | 0.19 | 0.10 |
| 150619 | 0148 | 35.8 | 38.4748 | 15.5313 | 147.3 | 2.2 | 1.87 | 2.58 | 3.44 | 32 | 71 | 0.41 | 0.11 |
| 150619 | 1304 | 26.7 | 39.2719 | 16.8363 | 9.2 | | 0.51 | 0.73 | 1.16 | 6 | 149 | 0.20 | 0.08 |
| 150619 | 1330 | 0.4 | 39.6217 | 15.7622 | 83.1 | 2.1 | 1.00 | 1.40 | 3.96 | 44 | 132 | 0.50 | 0.09 |
| 150619 | 2224 | 49.2 | 38.3202 | 15.4448 | 117.9 | 2.5 | 1.42 | 1.66 | 4.36 | 51 | 88 | 0.55 | 0.09 |
| 150620 | 0430 | 24.4 | 39.6109 | 16.4439 | 19.3 | | 1.33 | 0.91 | 2.14 | 12 | 171 | 0.37 | 0.14 |
| 150620 | 0546 | 48.0 | 39.9111 | 16.1227 | 8.0 | 1.4 | 0.54 | 0.48 | 1.49 | 18 | 72 | 0.33 | 0.08 |
| 150620 | 0846 | 19.1 | 39.8973 | 16.1119 | 8.1 | 1.4 | 0.76 | 0.83 | 2.44 | 15 | 101 | 0.42 | 0.12 |
| 150620 | 1340 | 5.1 | 40.0326 | 16.0026 | 0.0 | 1.2 | 0.51 | 0.83 | 1.61 | 12 | 71 | 0.36 | 0.13 |
| 150620 | 1710 | 8.5 | 40.0421 | 16.0317 | 15.9 | 1.1 | 0.73 | 1.03 | 2.30 | 16 | 112 | 0.40 | 0.11 |
| 150620 | 2229 | 19.2 | 38.4327 | 15.3375 | 112.9 | | 2.11 | 2.81 | 1.91 | 8 | 283 | 0.24 | 0.24 |
| 150621 | 0956 | 27.6 | 38.8106 | 15.7684 | 127.1 | 2.4 | 0.82 | 1.71 | 3.55 | 68 | 78 | 0.43 | 0.05 |
| 150621 | 2016 | 36.5 | 39.8882 | 16.1186 | 5.2 | 1.4 | 0.58 | 0.64 | 1.64 | 15 | 95 | 0.36 | 0.10 |
| 150622 | 0035 | 19.7 | 38.7613 | 15.9419 | 11.1 | | 1.86 | 2.18 | 3.14 | 8 | 210 | 0.48 | 0.27 |
| 150622 | 0227 | 13.5 | 38.5977 | 15.2167 | 169.7 | | 7.17 | 8.15 | 4.70 | 8 | 289 | 0.57 | 0.62 |
| 150622 | 0454 | 45.3 | 38.0564 | 15.9546 | 13.8 | 1.6 | 0.74 | 0.97 | 2.19 | 16 | 83 | 0.38 | 0.11 |
| 150622 | 1005 | 56.0 | 40.5671 | 12.8639 | 115.3 | 3.0 | 4.35 | 8.77 | 3.73 | 36 | 280 | 0.47 | 0.99 |
| 150622 | 2103 | 34.1 | 37.9807 | 14.7788 | 7.4 | 1.9 | 0.81 | 0.57 | 2.34 | 27 | 80 | 0.40 | 0.09 |
| 150622 | 2244 | 37.3 | 39.0392 | 16.7328 | 10.9 | | 0.65 | 0.92 | 2.05 | 16 | 163 | 0.35 | 0.13 |
| 150623 | 0012 | 29.6 | 38.5794 | 14.8274 | 5.9 | 2.4 | 1.06 | 0.81 | 3.21 | 34 | 136 | 0.55 | 0.14 |
| 150623 | 0200 | 59.6 | 39.4812 | 15.1886 | 5.4 | 1.9 | 0.85 | 1.70 | 3.10 | 35 | 196 | 0.53 | 0.25 |
| 150623 | 1441 | 26.0 | 39.5548 | 15.9331 | 30.3 | 2.1 | 0.55 | 0.79 | 3.44 | 54 | 111 | 0.44 | 0.07 |
| 150623 | 1513 | 47.3 | 39.6701 | 15.9963 | 45.2 | 1.3 | 3.57 | 2.69 | 4.85 | 9 | 219 | 0.61 | 0.36 |
| 150623 | 2124 | 35.2 | 39.8903 | 16.1251 | 7.3 | 1.3 | 0.50 | 0.50 | 1.47 | 21 | 96 | 0.33 | 0.08 |
| 150623 | 2231 | 35.5 | 39.0837 | 15.7019 | 67.2 | | 0.33 | 0.54 | 0.53 | 6 | 220 | 0.07 | 0.05 |
| 150624 | 1721 | 59.3 | 39.8871 | 16.0260 | 7.5 | 1.6 | 0.52 | 0.66 | 2.16 | 26 | 89 | 0.37 | 0.08 |
| 150624 | 1836 | 31.3 | 38.4936 | 15.4739 | 124.6 | 1.8 | 1.40 | 1.12 | 1.93 | 18 | 124 | 0.23 | 0.06 |
| 150625 | 0503 | 19.9 | 38.4051 | 15.3249 | 127.3 | 2.7 | 1.26 | 1.26 | 3.69 | 62 | 78 | 0.44 | 0.07 |
| 150625 | 1014 | 1.0 | 37.4270 | 16.8809 | 40.3 | 2.6 | 1.72 | 2.22 | 4.34 | 29 | 257 | 0.54 | 0.34 |
| 150625 | 1437 | 47.7 | 40.6171 | 17.6062 | 2.9 | 2.4 | 1.43 | 1.14 | 2.25 | 27 | 179 | 0.50 | 0.20 |
| 150625 | 2039 | 23.9 | 39.4220 | 16.1407 | 0.2 | 0.9 | 0.40 | 0.47 | 0.66 | 9 | 146 | 0.15 | 0.05 |
| 150626 | 0129 | 24.5 | 37.9383 | 15.5108 | 28.0 | 1.6 | 0.92 | 0.72 | 2.31 | 22 | 132 | 0.40 | 0.09 |
| 150626 | 0219 | 35.4 | 37.9516 | 15.5122 | 30.5 | 1.5 | 0.73 | 0.71 | 1.92 | 17 | 129 | 0.30 | 0.08 |
| 150626 | 0236 | 41.9 | 37.9070 | 15.5112 | 28.0 | 1.6 | 0.59 | 0.61 | 2.43 | 37 | 115 | 0.42 | 0.07 |
| 150626 | 0239 | 35.4 | 37.9125 | 15.5185 | 28.1 | 1.6 | 0.69 | 0.68 | 3.04 | 35 | 116 | 0.47 | 0.08 |
| 150626 | 1956 | 17.3 | 39.1043 | 16.3737 | 20.4 | 2.0 | 0.48 | 0.69 | 2.37 | 34 | 100 | 0.41 | 0.07 |
| 150626 | 2153 | 31.7 | 38.5517 | 15.0851 | 102.7 | | 4.13 | 2.81 | 1.29 | 6 | 339 | 0.16 | 0.24 |
| 150627 | 0016 | 0.3 | 39.0965 | 16.3197 | 14.5 | 0.8 | 0.59 | 0.92 | 2.08 | 14 | 116 | 0.36 | 0.10 |
| 150627 | 0146 | 51.8 | 39.0030 | 14.7912 | 322.9 | 3.1 | 3.37 | 2.30 | 3.91 | 48 | 180 | 0.46 | 0.13 |
| 150627 | 0332 | 34.9 | 38.2669 | 15.2141 | 114.2 | 2.8 | 0.99 | 1.32 | 3.63 | 68 | 73 | 0.45 | 0.07 |
| 150627 | 1500 | 53.3 | 38.5536 | 15.3993 | 172.9 | 2.9 | 1.10 | 1.51 | 3.48 | 72 | 74 | 0.42 | 0.06 |
| 150627 | 1804 | 20.1 | 39.9644 | 16.0121 | 10.9 | 2.2 | 1.10 | 1.18 | 4.10 | 30 | 88 | 0.71 | 0.18 |
| 150627 | 1805 | 3.4 | 39.9140 | 16.1207 | 6.0 | 1.5 | 0.41 | 0.40 | 1.24 | 19 | 86 | 0.28 | 0.07 |
| 150627 | 1830 | 46.5 | 39.9124 | 16.1321 | 6.5 | 1.1 | 0.46 | 0.50 | 1.33 | 17 | 110 | 0.30 | 0.08 |
| 150627 | 1832 | 30.4 | 39.9015 | 16.1270 | 5.7 | 1.0 | 0.57 | 0.52 | 1.34 | 13 | 103 | 0.30 | 0.09 |
| 150629 | 1526 | 57.0 | 39.8968 | 16.1091 | 6.0 | 1.2 | 0.50 | 0.54 | 1.68 | 26 | 78 | 0.37 | 0.08 |
| 150629 | 1834 | 50.7 | 38.0168 | 15.8247 | 9.4 | 1.5 | 0.62 | 0.45 | 1.77 | 23 | 144 | 0.30 | 0.08 |
| 150629 | 2005 | 12.1 | 39.9327 | 16.0233 | 7.3 | 1.1 | 0.61 | 0.87 | 2.16 | 18 | 79 | 0.37 | 0.09 |
| 150629 | 2211 | 18.5 | 38.1746 | 16.3903 | 50.4 | 1.8 | 1.63 | 2.69 | 4.58 | 28 | 205 | 0.57 | 0.25 |

| Data | Orario | | Lat N | LON E | H₀ | m | δlat | δlon | δH₀ | nr | GAP | sqm | δT₀ |
|-------------|---------------|------|--------------|--------------|----------------------|----------|-------------|-------------|-----------------------|-----------|------------|------------|-----------------------|
| Aammgg | hhmm | ss.s | ° | ° | km | | km | km | km | | ° | sec | sec |
| 150629 | 2345 | 34.2 | 39.3662 | 15.6367 | 226.0 | 2.3 | 2.82 | 4.44 | 4.15 | 32 | 231 | 0.48 | 0.20 |
| 150630 | 0240 | 15.5 | 37.9350 | 16.0662 | 49.5 | 1.7 | 1.52 | 2.11 | 4.30 | 22 | 188 | 0.54 | 0.20 |
| 150630 | 1804 | 37.8 | 38.4519 | 15.4170 | 139.5 | 1.9 | 4.19 | 2.71 | 3.02 | 12 | 169 | 0.36 | 0.16 |
| 150630 | 2137 | 17.5 | 39.8973 | 16.1045 | 5.4 | 0.7 | 0.82 | 0.52 | 1.54 | 13 | 90 | 0.34 | 0.10 |
| 150630 | 2249 | 5.1 | 39.3681 | 16.7065 | 20.8 | 1.4 | 0.76 | 0.69 | 2.17 | 20 | 75 | 0.37 | 0.10 |

Epicentri localizzati nel periodo di riferimento



BOLLETTINO

1 150616 0023 07.9 - Marchesato
 Lat: 39.08 Lon: 17.08 Prof: 19.9 Km
 ± 0.59 km ± 0.71 km ± 0.5 km
 RMS: 0.09s GAP: 284.4° NR: 7

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|-------|-------|--------|
| LADO | P | 23 | 13.51 | 24.08 | 336.3 | -0.089 |
| LADO | S | 23 | 17.88 | 24.08 | 336.3 | 0.123 |

2 150616 0616 13.5 - Aspromonte mer.
 Lat: 37.95 Lon: 16.01 Prof: 56.8 Km
 ± 2.53 km ± 1.62 km ± 3.8 km
 RMS: 0.47s GAP: 191.9° NR: 30

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|-------|-------|--------|
| CNDF | P | 16 | 22.32 | 14.64 | 293.5 | -0.336 |
| CNDF | S | 16 | 29.20 | 14.64 | 293.5 | -0.126 |

3 150616 0718 17.5 - M. Nebrodi-Madonie
 Lat: 37.75 Lon: 14.62 Prof: 24.0 Km
 ± 0.63 km ± 0.76 km ± 2.8 km
 RMS: 0.49s GAP: 63.9° NR: 43

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|--------|------|-------|
| CNDF | P | 18 | 37.20 | 111.77 | 76.5 | 0.395 |
| CNDF | S | 18 | 51.80 | 111.77 | 76.5 | 0.871 |

4 150616 0929 29.8 - Aspromonte
 Lat: 38.17 Lon: 15.99 Prof: 21.0 Km
 ± 0.65 km ± 0.65 km ± 2.6 km
 RMS: 0.44s GAP: 105.4° NR: 45

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|-------|-------|--------|
| CNDF | P | 29 | 35.84 | 22.72 | 213.5 | 0.398 |
| CNDF | S | 29 | 39.40 | 22.72 | 213.5 | -0.142 |
| SMIN | P | 29 | 47.26 | 90.85 | 12.8 | 0.931 |
| SMIN | S | 29 | 59.35 | 90.85 | 12.8 | 0.951 |

5 150616 2249 51.9 - Offshore Scalea -
 Diamante
 Lat: 39.64 Lon: 15.69 Prof: 81.4 Km
 ± 4.79 km ± 6.67 km ± 4.3 km
 RMS: 0.54s GAP: 242.0° NR: 10

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|-------|-------|-------|
| CET2 | P | 50 | 4.45 | 26.05 | 119.6 | 0.611 |
| CET2 | S | 50 | 12.57 | 26.05 | 119.6 | 0.004 |

6 150617 0259 01.6 - Scarpata di Paola
 Lat: 38.96 Lon: 15.46 Prof: 69.0 Km
 ± 1.13 km ± 1.57 km ± 3.5 km
 RMS: 0.44s GAP: 177.0° NR: 35

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|--------|-------|--------|
| SMIN | P | 59 | 15.34 | 66.26 | 89.4 | -0.369 |
| SMIN | S | 59 | 25.80 | 66.26 | 89.4 | -0.200 |
| CET2 | P | 59 | 16.86 | 75.71 | 34.4 | 0.896 |
| CET2 | S | 59 | 26.19 | 75.71 | 34.4 | -0.251 |
| SPS2 | P | 59 | 17.05 | 83.94 | 64.6 | -0.492 |
| SPS2 | S | 59 | 29.28 | 83.94 | 64.6 | 0.105 |
| CNDF | P | 59 | 20.96 | 112.00 | 162.5 | 0.534 |
| CNDF | S | 59 | 34.02 | 112.00 | 162.5 | -0.150 |

7 150617 0944 06.2 - Sicilia Centro-Merid.
 Lat: 37.58 Lon: 14.20 Prof: 7.7 Km
 ± 0.78 km ± 0.66 km ± 2.8 km
 RMS: 0.49s GAP: 72.7° NR: 61

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|--------|------|--------|
| CNDF | P | 44 | 32.18 | 152.50 | 73.1 | -0.485 |
| CNDF | S | 44 | 51.97 | 152.50 | 73.1 | -0.017 |
| CUP2 | P | 44 | 49.50 | 285.50 | 46.2 | 0.000 |

8 150618 1218 51.9 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.12 Prof: 5.4 Km
 ± 0.48 km ± 0.49 km ± 1.1 km
 RMS: 0.25s GAP: 101.7° NR: 14

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|------|-------|-------|
| MMN9 | P | 18 | 54.26 | 6.58 | 266.1 | 0.278 |

9 150618 2128 10.4 - Locride
 Lat: 38.27 Lon: 16.27 Prof: 34.9 Km
 ± 0.80 km ± 0.89 km ± 1.2 km
 RMS: 0.19s GAP: 194.2° NR: 6

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|-------|-------|--------|
| CNDF | P | 28 | 20.75 | 48.03 | 230.5 | 0.086 |
| CNDF | S | 28 | 28.01 | 48.03 | 230.5 | -0.100 |

10 150619 0148 35.8 - Bacino di Gioia
 Lat: 38.47 Lon: 15.53 Prof: 147.3 Km
 ± 1.87 km ± 2.58 km ± 3.4 km
 RMS: 0.41s GAP: 71.9° NR: 32

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|--------|-------|--------|
| CNDF | P | 48 | 57.21 | 59.61 | 151.7 | -0.102 |
| CNDF | S | 49 | 12.83 | 59.61 | 151.7 | -0.228 |
| VBL2 | P | 48 | 57.55 | 54.89 | 66.5 | 0.283 |
| VBL2 | S | 49 | 12.52 | 54.89 | 66.5 | -0.460 |
| SMIN | P | 48 | 59.00 | 82.04 | 47.9 | 0.210 |
| SMIN | S | 49 | 15.14 | 82.04 | 47.9 | -0.477 |
| SPS2 | P | 49 | 1.52 | 114.53 | 37.9 | 0.346 |
| SPS2 | S | 49 | 19.75 | 114.53 | 37.9 | 0.004 |

11 150619 1304 26.6 - Presila nord-or.
 Lat: 39.27 Lon: 16.83 Prof: 9.2 Km
 ± 0.51 km ± 0.73 km ± 1.2 km
 RMS: 0.20s GAP: 149.7° NR: 6

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|-------|------|--------|
| LADO | P | 04 | 29.63 | 12.41 | 83.4 | -0.021 |
| LADO | S | 04 | 31.85 | 12.41 | 83.4 | 0.026 |

12 150619 1330 00.4 - Offshore Scalea -
 Diamante
 Lat: 39.62 Lon: 15.76 Prof: 83.1 Km
 ± 1.00 km ± 1.40 km ± 4.0 km
 RMS: 0.50s GAP: 132.0° NR: 44

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|--------|-------|--------|
| CET2 | P | 30 | 12.82 | 19.48 | 122.2 | 0.489 |
| CET2 | S | 30 | 21.41 | 19.48 | 122.2 | 0.356 |
| TDS | P | 30 | 15.10 | 49.54 | 85.3 | 0.680 |
| TDS | S | 30 | 24.16 | 49.54 | 85.3 | -0.513 |
| ROI | P | 30 | 16.65 | 69.54 | 94.6 | 0.577 |
| ROI | S | 30 | 28.35 | 69.54 | 94.6 | 0.815 |
| SMIN | P | 30 | 16.70 | 82.48 | 151.0 | -0.597 |
| CUP2 | P | 30 | 17.21 | 72.59 | 111.4 | 0.915 |
| LADO | P | 30 | 19.99 | 111.27 | 109.6 | 0.055 |
| LADO | S | 30 | 33.45 | 111.27 | 109.6 | -0.770 |

13 150619 2224 49.2 - Bacino di Gioia
 Lat: 38.32 Lon: 15.44 Prof: 117.9 Km
 ± 1.42 km ± 1.66 km ± 4.4 km
 RMS: 0.55s GAP: 88.2° NR: 51

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|--------|-------|--------|
| CNDF | P | 25 | 7.78 | 50.44 | 134.6 | 0.658 |
| CNDF | S | 25 | 21.10 | 50.44 | 134.6 | 0.891 |
| VBL2 | P | 25 | 8.35 | 69.90 | 56.1 | -0.206 |
| VBL2 | S | 25 | 21.79 | 69.90 | 56.1 | -0.908 |
| SMIN | P | 25 | 10.52 | 99.50 | 43.5 | -0.393 |
| SMIN | S | 25 | 25.91 | 99.50 | 43.5 | -0.876 |
| SPS2 | P | 25 | 13.54 | 132.83 | 36.0 | -0.520 |
| CET2 | P | 25 | 14.44 | 141.26 | 18.6 | 0.531 |
| CET2 | S | 25 | 32.82 | 141.26 | 18.6 | 0.859 |
| LADO | P | 25 | 17.62 | 170.91 | 51.3 | 0.018 |
| LADO | S | 25 | 38.70 | 170.91 | 51.3 | 0.339 |

14 150620 0430 24.3 - Piana di Sibari
 Lat: 39.61 Lon: 16.44 Prof: 19.3 Km
 ± 1.33 km ± 0.91 km ± 2.1 km
 RMS: 0.37s GAP: 171.4° NR: 12

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|-----|-------|----|-------|-------|-------|--------|
| TDS | P | 30 | 28.37 | 10.61 | 300.4 | -0.047 |

| | | | | | | |
|---|-------|----|-------|--------|-------|--------|
| TDS | S | 30 | 31.14 | 10.61 | 300.4 | -0.235 |
| ROI | P | 30 | 29.27 | 11.60 | 111.8 | 0.550 |
| ROI | S | 30 | 32.02 | 11.60 | 111.8 | 0.121 |
| CUP2 | P | 30 | 30.57 | 26.80 | 160.3 | 0.039 |
| CUP2 | S | 30 | 35.30 | 26.80 | 160.3 | 0.264 |
| CET2 | P | 30 | 33.07 | 43.02 | 257.8 | 0.002 |
| CET2 | S | 30 | 39.17 | 43.02 | 257.8 | -0.260 |
| 15 150620 0546 47.9 - Catena del Pollino | | | | | | |
| Lat: 39.91 Lon: 16.12 Prof: 8.0 Km | | | | | | |
| ± 0.54 km ± 0.48 km ± 1.5 km | | | | | | |
| RMS: 0.33s GAP: 72.4° NR: 18 | | | | | | |
| STN | PHASE | MN | SEC | DIST | AZM | RES |
| MMN9 | P | 46 | 50.27 | 6.54 | 251.0 | 0.013 |
| MMN9 | S | 46 | 51.62 | 6.54 | 251.0 | -0.315 |
| MMN | P | 46 | 50.90 | 11.52 | 258.9 | 0.007 |
| MMN | S | 46 | 52.54 | 11.52 | 258.9 | -0.497 |
| CET2 | P | 46 | 56.71 | 44.83 | 198.9 | 0.141 |
| CET2 | S | 47 | 2.42 | 44.83 | 198.9 | -0.447 |
| 16 150620 0846 19.0 - Alto Tirreno Cosentino | | | | | | |
| Lat: 39.89 Lon: 16.11 Prof: 8.1 Km | | | | | | |
| ± 0.76 km ± 0.83 km ± 2.4 km | | | | | | |
| RMS: 0.42s GAP: 101.5° NR: 15 | | | | | | |
| STN | PHASE | MN | SEC | DIST | AZM | RES |
| MMN9 | P | 46 | 21.41 | 5.30 | 263.5 | 0.178 |
| MMN9 | S | 46 | 22.67 | 5.30 | 263.5 | -0.141 |
| MMN | P | 46 | 22.08 | 10.40 | 266.2 | 0.229 |
| MMN | S | 46 | 22.92 | 10.40 | 266.2 | -0.963 |
| CET2 | P | 46 | 27.40 | 43.08 | 198.4 | 0.016 |
| CET2 | S | 46 | 33.14 | 43.08 | 198.4 | -0.327 |
| 17 150620 1340 05.0 - Catena del Pollino | | | | | | |
| Lat: 40.03 Lon: 16.00 Prof: 0.0 Km | | | | | | |
| ± 0.51 km ± 0.83 km ± 1.6 km | | | | | | |
| RMS: 0.36s GAP: 71.3° NR: 12 | | | | | | |
| STN | PHASE | MN | SEC | DIST | AZM | RES |
| MMN | P | 40 | 9.15 | 15.76 | 183.9 | 0.549 |
| MMN | S | 40 | 10.50 | 15.76 | 183.9 | -0.668 |
| 18 150620 1710 08.4 - Catena del Pollino | | | | | | |
| Lat: 40.04 Lon: 16.03 Prof: 15.9 Km | | | | | | |
| ± 0.73 km ± 1.03 km ± 2.3 km | | | | | | |
| RMS: 0.40s GAP: 112.0° NR: 16 | | | | | | |
| STN | PHASE | MN | SEC | DIST | AZM | RES |
| MMN | P | 10 | 13.49 | 17.15 | 191.9 | 0.614 |
| MMN | S | 10 | 16.33 | 17.15 | 191.9 | 0.240 |
| 19 150620 2229 19.1 - Canyon di Stromboli | | | | | | |
| Lat: 38.43 Lon: 15.33 Prof: 112.9 Km | | | | | | |
| ± 2.11 km ± 2.81 km ± 1.9 km | | | | | | |
| RMS: 0.24s GAP: 283.7° NR: 8 | | | | | | |
| STN | PHASE | MN | SEC | DIST | AZM | RES |
| CNDF | P | 29 | 37.33 | 65.90 | 136.7 | 0.042 |
| CNDF | S | 29 | 50.85 | 65.90 | 136.7 | 0.300 |
| 20 150621 0956 27.6 - Bacino di Paola | | | | | | |
| Lat: 38.81 Lon: 15.76 Prof: 127.1 Km | | | | | | |
| ± 0.82 km ± 1.71 km ± 3.5 km | | | | | | |
| RMS: 0.43s GAP: 78.4° NR: 68 | | | | | | |
| STN | PHASE | MN | SEC | DIST | AZM | RES |
| VBL2 | P | 56 | 45.93 | 33.20 | 117.4 | 0.075 |
| SMIN | P | 56 | 45.95 | 43.77 | 65.8 | -0.348 |
| SPS2 | P | 56 | 47.94 | 72.67 | 42.9 | 0.011 |
| SPS2 | S | 57 | 2.11 | 72.67 | 42.9 | -0.665 |
| CET2 | P | 56 | 48.34 | 81.33 | 11.6 | 0.528 |
| CET2 | S | 57 | 1.77 | 81.33 | 11.6 | -0.802 |
| CNDF | P | 56 | 49.60 | 89.95 | 175.3 | 0.659 |
| CNDF | S | 57 | 4.05 | 89.95 | 175.3 | -0.480 |
| TDS | P | 56 | 50.99 | 106.26 | 27.6 | 0.481 |
| TDS | S | 57 | 6.30 | 106.26 | 27.6 | -0.943 |
| 21 150621 2016 36.5 - Alto Tirreno Cosentino | | | | | | |
| Lat: 39.88 Lon: 16.11 Prof: 5.2 Km | | | | | | |
| ± 0.58 km ± 0.64 km ± 1.6 km | | | | | | |
| RMS: 0.36s GAP: 95.7° NR: 15 | | | | | | |
| STN | PHASE | MN | SEC | DIST | AZM | RES |
| MMN | P | 16 | 39.66 | 10.95 | 271.6 | 0.344 |
| MMN | S | 16 | 40.69 | 10.95 | 271.6 | -0.662 |
| CET2 | P | 16 | 45.15 | 42.31 | 199.6 | 0.086 |
| CET2 | S | 16 | 50.77 | 42.31 | 199.6 | -0.544 |
| 22 150622 0035 19.6 - G. di S. Eufemia | | | | | | |
| Lat: 38.76 Lon: 15.94 Prof: 11.1 Km | | | | | | |
| ± 1.86 km ± 2.18 km ± 3.1 km | | | | | | |
| RMS: 0.48s GAP: 210.5° NR: 8 | | | | | | |
| STN | PHASE | MN | SEC | DIST | AZM | RES |
| SMIN | P | 35 | 26.75 | 34.19 | 46.7 | 0.125 |
| SMIN | S | 35 | 31.57 | 34.19 | 46.7 | -0.149 |
| 23 150622 0227 13.4 - Canyon di Stromboli | | | | | | |
| Lat: 38.59 Lon: 15.21 Prof: 169.7 Km | | | | | | |
| ± 7.17 km ± 8.15 km ± 4.7 km | | | | | | |
| RMS: 0.57s GAP: 289.2° NR: 8 | | | | | | |
| STN | PHASE | MN | SEC | DIST | AZM | RES |
| CNDF | P | 27 | 39.18 | 86.57 | 140.1 | 0.169 |
| CNDF | S | 27 | 58.43 | 86.57 | 140.1 | 0.727 |
| 24 150622 0454 45.3 - Aspromonte | | | | | | |
| Lat: 38.05 Lon: 15.95 Prof: 13.8 Km | | | | | | |
| ± 0.74 km ± 0.97 km ± 2.2 km | | | | | | |
| RMS: 0.38s GAP: 83.5° NR: 16 | | | | | | |
| STN | PHASE | MN | SEC | DIST | AZM | RES |
| CNDF | P | 54 | 48.72 | 10.38 | 235.6 | 0.158 |
| CNDF | S | 54 | 50.92 | 10.38 | 235.6 | -0.003 |
| 25 150622 1005 56.0 - M. Tirreno | | | | | | |
| Lat: 40.56 Lon: 12.86 Prof: 115.3 Km | | | | | | |
| ± 4.35 km ± 8.77 km ± 3.7 km | | | | | | |
| RMS: 0.47s GAP: 280.1° NR: 36 | | | | | | |
| STN | PHASE | MN | SEC | DIST | AZM | RES |
| CET2 | P | 06 | 38.04 | 287.85 | 114.8 | 0.000 |
| TDS | P | 06 | 41.26 | 312.81 | 109.8 | 0.000 |
| TDS | S | 07 | 30.17 | 312.81 | 109.8 | 0.000 |
| 26 150622 2103 34.1 - M. Nebrodi-Madonie | | | | | | |
| Lat: 37.98 Lon: 14.77 Prof: 7.4 Km | | | | | | |
| ± 0.81 km ± 0.57 km ± 2.3 km | | | | | | |
| RMS: 0.40s GAP: 80.7° NR: 27 | | | | | | |
| STN | PHASE | MN | SEC | DIST | AZM | RES |
| CNDF | P | 03 | 51.00 | 94.76 | 89.1 | 0.066 |
| CNDF | S | 04 | 3.54 | 94.76 | 89.1 | 0.286 |
| 27 150622 2244 37.3 - Sila Piccola | | | | | | |
| Lat: 39.03 Lon: 16.73 Prof: 10.9 Km | | | | | | |
| ± 0.65 km ± 0.92 km ± 2.1 km | | | | | | |
| RMS: 0.35s GAP: 163.4° NR: 16 | | | | | | |
| STN | PHASE | MN | SEC | DIST | AZM | RES |
| LADO | P | 44 | 44.14 | 34.52 | 37.7 | 0.187 |
| LADO | S | 44 | 48.97 | 34.52 | 37.7 | -0.172 |
| CUP2 | P | 44 | 44.97 | 41.40 | 337.1 | -0.249 |
| CUP2 | S | 44 | 51.98 | 41.40 | 337.1 | 0.990 |
| SPS2 | P | 44 | 45.20 | 44.06 | 309.2 | -0.372 |
| SPS2 | S | 44 | 51.89 | 44.06 | 309.2 | 0.285 |
| SMIN | P | 44 | 45.87 | 44.32 | 260.3 | 0.250 |
| SMIN | S | 44 | 51.68 | 44.32 | 260.3 | 0.002 |
| ROI | P | 44 | 48.22 | 60.78 | 346.3 | -0.515 |
| ROI | S | 44 | 56.88 | 60.78 | 346.3 | -0.202 |
| 28 150623 0012 29.6 - Salina | | | | | | |
| Lat: 38.57 Lon: 14.82 Prof: 5.9 Km | | | | | | |
| ± 1.06 km ± 0.81 km ± 3.2 km | | | | | | |
| RMS: 0.55s GAP: 136.8° NR: 34 | | | | | | |

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|--------|-------|--------|
| CNDF | P | 12 | 48.80 | 110.49 | 125.9 | -0.047 |
| CNDF | S | 13 | 3.88 | 110.49 | 125.9 | 0.956 |
| SMIN | P | 12 | 50.86 | 129.32 | 70.7 | -0.921 |
| SMIN | S | 13 | 7.05 | 129.32 | 70.7 | -0.956 |
| CET2 | P | 12 | 52.80 | 143.62 | 43.3 | 0.989 |
| CET2 | S | 13 | 7.25 | 143.62 | 43.3 | -0.806 |

29 150623 0200 59.5 - Vulcani Palinuro ed Enotrio
 Lat: 39.48 Lon: 15.18 Prof: 5.4 Km
 ± 0.85 km ± 1.70 km ± 3.1 km
 RMS: 0.53s GAP: 196.4° NR: 35

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|--------|-------|--------|
| CET2 | P | 01 | 11.30 | 66.09 | 85.8 | 0.096 |
| CET2 | S | 01 | 18.88 | 66.09 | 85.8 | -0.851 |
| MMN | P | 01 | 14.37 | 82.47 | 56.9 | 0.032 |
| MMN | S | 01 | 24.90 | 82.47 | 56.9 | -0.261 |
| SPS2 | P | 01 | 16.99 | 101.31 | 102.3 | -0.439 |
| SPS2 | S | 01 | 30.47 | 101.31 | 102.3 | -0.044 |
| SMIN | P | 01 | 18.56 | 106.03 | 122.5 | 0.498 |
| SMIN | S | 01 | 30.87 | 106.03 | 122.5 | -0.741 |
| CUP2 | P | 01 | 20.14 | 117.55 | 95.5 | 0.823 |
| CUP2 | S | 01 | 34.28 | 117.55 | 95.5 | 0.495 |
| ROI | P | 01 | 20.62 | 119.13 | 85.4 | 0.986 |
| ROI | S | 01 | 34.43 | 119.13 | 85.4 | 0.096 |

30 150623 1441 25.9 - Catena Costiera
 Lat: 39.55 Lon: 15.93 Prof: 30.3 Km
 ± 0.55 km ± 0.79 km ± 3.4 km
 RMS: 0.44s GAP: 111.8° NR: 54

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|--------|-------|--------|
| TDS | P | 41 | 33.47 | 36.60 | 71.6 | -0.330 |
| TDS | S | 41 | 38.99 | 36.60 | 71.6 | -0.547 |
| MMN | P | 41 | 34.48 | 37.63 | 7.7 | 0.443 |
| MMN | S | 41 | 40.39 | 37.63 | 7.7 | 0.441 |
| SPS2 | P | 41 | 34.86 | 45.58 | 130.0 | -0.145 |
| SPS2 | S | 41 | 41.07 | 45.58 | 130.0 | -0.553 |
| MC32 | P | 41 | 35.78 | 48.51 | 118.9 | 0.355 |
| MC32 | S | 41 | 41.70 | 48.51 | 118.9 | -0.650 |
| CUP2 | P | 41 | 36.26 | 56.24 | 109.8 | -0.159 |
| CUP2 | S | 41 | 43.89 | 56.24 | 109.8 | -0.186 |
| ROI | P | 41 | 36.60 | 54.69 | 88.0 | 0.294 |
| ROI | S | 41 | 44.05 | 54.69 | 88.0 | 0.171 |
| SMIN | P | 41 | 38.01 | 69.43 | 158.6 | -0.242 |
| SMIN | S | 41 | 46.35 | 69.43 | 158.6 | -0.900 |
| LADO | P | 41 | 42.06 | 94.97 | 108.3 | 0.653 |
| LADO | S | 41 | 53.59 | 94.97 | 108.3 | 0.880 |
| CNDF | P | 41 | 51.84 | 172.36 | 182.4 | 0.152 |
| CNDF | S | 42 | 9.96 | 172.36 | 182.4 | -0.558 |

31 150623 1513 47.3 - Alto Tirreno Cosentino
 Lat: 39.67 Lon: 15.99 Prof: 45.2 Km
 ± 3.57 km ± 2.69 km ± 4.9 km
 RMS: 0.61s GAP: 119.5° NR: 9

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|-------|-------|--------|
| CET2 | P | 13 | 54.97 | 16.09 | 193.1 | 0.357 |
| CET2 | S | 13 | 59.47 | 16.09 | 193.1 | -0.465 |

32 150623 2124 35.2 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.12 Prof: 7.3 Km
 ± 0.50 km ± 0.50 km ± 1.5 km
 RMS: 0.33s GAP: 96.4° NR: 21

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|-------|-------|--------|
| MMN9 | P | 24 | 37.52 | 6.39 | 271.7 | 0.037 |
| MMN9 | S | 24 | 38.82 | 6.39 | 271.7 | -0.333 |
| MMN | P | 24 | 38.21 | 11.50 | 270.4 | 0.032 |
| MMN | S | 24 | 39.79 | 11.50 | 270.4 | -0.563 |
| CET2 | P | 24 | 43.57 | 42.71 | 200.1 | 0.026 |
| CET2 | S | 24 | 49.22 | 42.71 | 200.1 | -0.427 |

33 150623 2231 35.5 - Bacino di Paola
 Lat: 39.08 Lon: 15.70 Prof: 67.2 Km
 ± 0.33 km ± 0.54 km ± 0.5 km
 RMS: 0.07s GAP: 220.5° NR: 6

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|-------|------|--------|
| CNDF | P | 29 | 31.99 | 31.27 | 77.0 | -0.054 |
| CNDF | S | 29 | 37.48 | 31.27 | 77.0 | -0.075 |

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|-------|------|--------|
| CET2 | P | 31 | 47.61 | 54.01 | 24.1 | -0.058 |
| CET2 | S | 31 | 56.64 | 54.01 | 24.1 | 0.068 |

34 150624 1721 59.3 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.02 Prof: 7.5 Km
 ± 0.52 km ± 0.66 km ± 2.2 km
 RMS: 0.37s GAP: 89.1° NR: 26

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|-------|-------|--------|
| MMN9 | P | 22 | 1.11 | 2.15 | 75.9 | 0.086 |
| MMN9 | S | 22 | 2.30 | 2.15 | 75.9 | 0.014 |
| MMN | P | 22 | 1.11 | 3.05 | 278.0 | 0.069 |
| MMN | S | 22 | 2.42 | 3.05 | 278.0 | 0.102 |
| CET2 | P | 22 | 6.68 | 40.25 | 188.9 | -0.328 |
| CET2 | S | 22 | 11.99 | 40.25 | 188.9 | -0.662 |

35 150624 1836 31.2 - Bacino di Gioia
 Lat: 38.49 Lon: 15.47 Prof: 124.6 Km
 ± 1.40 km ± 1.12 km ± 1.9 km
 RMS: 0.23s GAP: 124.9° NR: 18

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|-------|------|--------|
| SMIN | P | 36 | 52.23 | 84.45 | 51.2 | 0.075 |
| SMIN | S | 37 | 7.40 | 84.45 | 51.2 | -0.042 |

36 150625 0503 19.9 - Canyon di Stromboli
 Lat: 38.40 Lon: 15.32 Prof: 127.3 Km
 ± 1.26 km ± 1.26 km ± 3.7 km
 RMS: 0.44s GAP: 78.4° NR: 62

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|--------|-------|--------|
| CNDF | P | 03 | 39.93 | 64.53 | 134.1 | 0.259 |
| CNDF | S | 03 | 54.74 | 64.53 | 134.1 | 0.598 |
| VBL2 | P | 03 | 40.41 | 74.50 | 66.7 | -0.150 |
| VBL2 | S | 03 | 55.24 | 74.50 | 66.7 | -0.441 |
| SMIN | P | 03 | 42.14 | 100.74 | 51.6 | -0.448 |
| SMIN | S | 03 | 58.69 | 100.74 | 51.6 | -0.505 |
| CET2 | P | 03 | 45.75 | 136.16 | 24.0 | 0.900 |

37 150625 1014 01.0 - Piana bat. ionica
 Lat: 37.42 Lon: 16.88 Prof: 40.3 Km
 ± 1.72 km ± 2.22 km ± 4.3 km
 RMS: 0.54s GAP: 257.5° NR: 29

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|--------|-------|--------|
| CNDF | P | 14 | 19.66 | 110.62 | 305.2 | 0.728 |
| CNDF | S | 14 | 31.83 | 110.62 | 305.2 | -0.228 |

38 150625 1437 47.6 - Penisola Salentina
 Lat: 40.61 Lon: 17.60 Prof: 2.9 Km
 ± 1.43 km ± 1.14 km ± 2.2 km
 RMS: 0.50s GAP: 179.7° NR: 27

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|--------|-------|-------|
| CET2 | P | 38 | 16.96 | 185.60 | 229.0 | 0.740 |

39 150625 2039 23.9 - Catena Costiera
 Lat: 39.42 Lon: 16.14 Prof: .2 Km
 ± 0.40 km ± 0.47 km ± 0.7 km
 RMS: 0.15s GAP: 146.5° NR: 9

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|-------|-------|--------|
| CET2 | P | 39 | 28.30 | 19.92 | 306.6 | -0.055 |
| CET2 | S | 39 | 31.66 | 19.92 | 306.6 | 0.059 |
| SPS2 | P | 39 | 28.86 | 22.42 | 130.4 | 0.173 |
| SPS2 | S | 39 | 31.89 | 22.42 | 130.4 | -0.284 |

40 150626 0129 24.5 - Stretto di Messina
 Lat: 37.93 Lon: 15.51 Prof: 28.0 Km
 ± 0.92 km ± 0.72 km ± 2.3 km
 RMS: 0.40s GAP: 132.8° NR: 22

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|-------|------|--------|
| CNDF | P | 29 | 31.99 | 31.27 | 77.0 | -0.054 |
| CNDF | S | 29 | 37.48 | 31.27 | 77.0 | -0.075 |

41 150626 0219 35.3 - Stretto di Messina
 Lat: 37.95 Lon: 15.51 Prof: 30.5 Km
 ± 0.73 km ± 0.71 km ± 1.9 km
 RMS: 0.30s GAP: 129.9° NR: 17

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|-------|------|--------|
| CNDF | P | 19 | 43.01 | 30.84 | 79.6 | -0.040 |
| CNDF | S | 19 | 48.59 | 30.84 | 79.6 | -0.082 |

42 150626 0236 41.8 - Coste Sicilia Or.
 Lat: 37.90 Lon: 15.51 Prof: 28.0 Km
 ± 0.59 km ± 0.61 km ± 2.4 km
 RMS: 0.42s GAP: 115.1° NR: 37

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|-------|------|--------|
| CNDF | P | 36 | 49.61 | 32.22 | 71.0 | 0.061 |
| CNDF | S | 36 | 55.14 | 32.22 | 71.0 | -0.011 |

43 150626 0239 35.3 - Coste Sicilia Or.
 Lat: 37.91 Lon: 15.51 Prof: 28.1 Km
 ± 0.69 km ± 0.68 km ± 3.0 km
 RMS: 0.47s GAP: 116.0° NR: 35

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|-------|------|-------|
| CNDF | P | 39 | 43.11 | 31.42 | 71.6 | 0.196 |
| CNDF | S | 39 | 48.79 | 31.42 | 71.6 | 0.344 |

44 150626 1956 17.2 - Amantea - M.Reventino
 Lat: 39.10 Lon: 16.37 Prof: 20.4 Km
 ± 0.48 km ± 0.69 km ± 2.4 km
 RMS: 0.41s GAP: 100.4° NR: 34

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|-------|-------|--------|
| SMIN | P | 56 | 22.59 | 19.27 | 220.8 | 0.197 |
| SMIN | S | 56 | 25.75 | 19.27 | 220.8 | -0.409 |
| SPS2 | P | 56 | 22.72 | 20.94 | 351.6 | 0.111 |
| SPS2 | S | 56 | 26.15 | 20.94 | 351.6 | -0.375 |
| SCOI | P | 56 | 22.96 | 22.89 | 333.7 | 0.157 |
| SCOI | S | 56 | 26.91 | 22.89 | 333.7 | 0.050 |
| CSC2 | P | 56 | 22.99 | 22.54 | 333.6 | 0.227 |
| CSC2 | S | 56 | 26.96 | 22.54 | 333.6 | 0.164 |
| MC32 | P | 56 | 23.60 | 27.00 | 9.7 | 0.057 |
| MC32 | S | 56 | 27.30 | 27.00 | 9.7 | -0.842 |
| CUP2 | P | 56 | 24.75 | 34.45 | 25.8 | 0.150 |
| CUP2 | S | 56 | 30.73 | 34.45 | 25.8 | 0.753 |
| ROI | P | 56 | 27.41 | 54.57 | 17.8 | -0.519 |
| ROI | S | 56 | 36.63 | 54.57 | 17.8 | 0.898 |
| LADO | P | 56 | 27.60 | 55.99 | 68.9 | -0.287 |
| LADO | S | 56 | 34.96 | 55.99 | 68.9 | -0.710 |
| VBL2 | P | 56 | 27.68 | 53.06 | 205.8 | 0.261 |
| VBL2 | S | 56 | 35.76 | 53.06 | 205.8 | 0.901 |
| CET2 | P | 56 | 28.42 | 59.39 | 322.6 | -0.229 |
| CET2 | S | 56 | 36.10 | 59.39 | 322.6 | -0.890 |

45 150626 2153 31.7 - Panarea
 Lat: 38.55 Lon: 15.08 Prof: 102.7 Km
 ± 4.13 km ± 2.81 km ± 1.3 km
 RMS: 0.16s GAP: 339.7° NR: 6

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|--------|------|--------|
| SMIN | P | 53 | 52.96 | 109.80 | 65.2 | 0.093 |
| SMIN | S | 54 | 8.25 | 109.80 | 65.2 | -0.107 |

46 150627 0016 00.3 - Amantea - M.Reventino
 Lat: 39.09 Lon: 16.31 Prof: 14.5 Km
 ± 0.59 km ± 0.92 km ± 2.1 km
 RMS: 0.36s GAP: 116.8° NR: 14

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|-------|-------|--------|
| SMIN | P | 16 | 4.47 | 15.84 | 210.0 | 0.163 |
| SMIN | S | 16 | 7.00 | 15.84 | 210.0 | -0.243 |
| SPS2 | P | 16 | 5.27 | 21.65 | 4.3 | 0.150 |
| SPS2 | S | 16 | 8.44 | 21.65 | 4.3 | -0.211 |
| CET2 | P | 16 | 11.35 | 57.40 | 326.8 | 0.234 |
| CET2 | S | 16 | 18.07 | 57.40 | 326.8 | -0.966 |

47 150627 0146 51.8 - Piana batiale del
 Tirreno
 Lat: 39.00 Lon: 14.79 Prof: 322.9 Km
 ± 3.37 km ± 2.30 km ± 3.9 km
 RMS: 0.46s GAP: 180.2° NR: 48

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|--------|-------|--------|
| CET2 | P | 47 | 34.83 | 116.13 | 60.4 | 0.172 |
| CET2 | S | 48 | 6.49 | 116.13 | 60.4 | 0.491 |
| SMIN | P | 47 | 34.99 | 124.55 | 92.0 | -0.840 |
| SMIN | S | 48 | 7.48 | 124.55 | 92.0 | -0.549 |
| VBL2 | P | 47 | 35.32 | 120.02 | 108.2 | -0.361 |
| VBL2 | S | 48 | 8.42 | 120.02 | 108.2 | 0.648 |
| SPS2 | P | 47 | 37.22 | 137.54 | 77.0 | 0.775 |
| SPS2 | S | 48 | 9.82 | 137.54 | 77.0 | 0.725 |
| MC32 | P | 47 | 37.31 | 146.32 | 75.4 | 0.436 |
| MC32 | S | 48 | 10.53 | 146.32 | 75.4 | 0.692 |
| ROI | P | 47 | 38.73 | 165.88 | 68.0 | 0.879 |
| LADO | P | 47 | 38.98 | 191.71 | 80.9 | -0.256 |

48 150627 0332 34.9 - Milazzo
 Lat: 38.26 Lon: 15.21 Prof: 114.2 Km
 ± 0.99 km ± 1.32 km ± 3.6 km
 RMS: 0.45s GAP: 73.9° NR: 68

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|--------|-------|--------|
| CNDF | P | 32 | 53.73 | 63.52 | 117.9 | 0.489 |
| CNDF | S | 33 | 6.75 | 63.52 | 117.9 | 0.106 |
| SMIN | P | 32 | 57.64 | 118.07 | 48.7 | -0.438 |
| SMIN | S | 33 | 14.84 | 118.07 | 48.7 | -0.180 |
| SCOI | P | 33 | .39 | 145.20 | 38.9 | -0.386 |
| SCOI | S | 33 | 19.70 | 145.20 | 38.9 | 0.006 |
| SPS2 | P | 33 | .82 | 149.91 | 41.0 | -0.513 |
| SPS2 | S | 33 | 20.53 | 149.91 | 41.0 | -0.128 |
| CET2 | P | 33 | 1.61 | 154.11 | 25.0 | 0.894 |
| MC32 | P | 33 | 2.03 | 159.34 | 41.6 | -0.153 |
| MC32 | S | 33 | 22.83 | 159.34 | 41.6 | 0.698 |
| CUP2 | P | 33 | 3.54 | 169.65 | 43.3 | 0.269 |
| CUP2 | S | 33 | 24.36 | 169.65 | 43.3 | 0.346 |
| TDS | P | 33 | 4.53 | 182.68 | 32.5 | -0.434 |
| TDS | S | 33 | 26.22 | 182.68 | 32.5 | -0.727 |
| LADO | P | 33 | 5.06 | 190.46 | 53.7 | -0.241 |
| LADO | S | 33 | 27.28 | 190.46 | 53.7 | -0.252 |
| ROI | P | 33 | 6.22 | 186.53 | 39.3 | 0.996 |
| ROI | S | 33 | 27.26 | 186.53 | 39.3 | -0.136 |

49 150627 1500 53.2 - Canyon di Stromboli
 Lat: 38.55 Lon: 15.39 Prof: 172.9 Km
 ± 1.10 km ± 1.51 km ± 3.5 km
 RMS: 0.42s GAP: 74.6° NR: 72

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|--------|-------|--------|
| CNDF | P | 01 | 18.51 | 73.05 | 147.1 | 0.182 |
| CNDF | S | 01 | 37.48 | 73.05 | 147.1 | 0.813 |
| SMIN | P | 01 | 18.59 | 85.77 | 57.4 | -0.594 |
| SMIN | S | 01 | 37.18 | 85.77 | 57.4 | -0.968 |
| SPS2 | P | 01 | 20.78 | 115.49 | 45.1 | -0.357 |
| SPS2 | S | 01 | 41.15 | 115.49 | 45.1 | -0.381 |
| SCOI | P | 01 | 20.96 | 110.43 | 42.6 | 0.245 |
| SCOI | S | 01 | 40.44 | 110.43 | 42.6 | -0.359 |
| CET2 | P | 01 | 21.27 | 118.45 | 24.3 | 0.691 |
| CET2 | S | 01 | 41.39 | 118.45 | 24.3 | 0.828 |
| CUP2 | P | 01 | 22.99 | 135.64 | 47.4 | 0.385 |
| CUP2 | S | 01 | 45.00 | 135.64 | 47.4 | 0.929 |
| TDS | P | 01 | 23.30 | 147.15 | 33.7 | -0.337 |
| TDS | S | 01 | 46.32 | 147.15 | 33.7 | 0.457 |
| LADO | P | 01 | 24.07 | 159.21 | 59.4 | -0.265 |
| LADO | S | 01 | 47.10 | 159.21 | 59.4 | 0.030 |
| ROI | P | 01 | 24.41 | 151.75 | 42.0 | 0.478 |
| ROI | S | 01 | 46.02 | 151.75 | 42.0 | -0.352 |

50 150627 1804 20.0 - Maratea - Rotonda
 Lat: 39.96 Lon: 16.01 Prof: 10.9 Km
 ± 1.10 km ± 1.18 km ± 4.1 km
 RMS: 0.71s GAP: 88.4° NR: 30

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|------|-------|--------|
| MMN | P | 04 | 22.30 | 8.36 | 192.8 | -0.504 |
| MMN | S | 04 | 24.48 | 8.36 | 192.8 | -0.314 |
| MMN9 | P | 04 | 23.81 | 8.69 | 158.0 | 0.938 |

| | | | | | | |
|------|---|----|-------|--------|-------|--------|
| MMN9 | S | 04 | 24.96 | 8.69 | 158.0 | 0.048 |
| TDS | P | 04 | 29.17 | 43.83 | 140.6 | 0.936 |
| TDS | S | 04 | 33.36 | 43.83 | 140.6 | -0.837 |
| CET2 | P | 04 | 30.26 | 48.61 | 186.0 | 0.959 |
| CET2 | S | 04 | 35.87 | 48.61 | 186.0 | -0.178 |
| ROI | P | 04 | 31.25 | 64.64 | 132.4 | -0.895 |
| ROI | S | 04 | 40.62 | 64.64 | 132.4 | -0.352 |
| CUP2 | P | 04 | 34.80 | 79.21 | 144.5 | 0.389 |
| CUP2 | S | 04 | 45.69 | 79.21 | 144.5 | 0.793 |
| SMIN | P | 04 | 40.70 | 111.63 | 170.5 | 0.812 |
| SMIN | S | 04 | 53.70 | 111.63 | 170.5 | -0.683 |

51 150627 1805 03.3 - Catena del Pollino
 Lat: 39.91 Lon: 16.12 Prof: 6.0 Km
 ± 0.41 km ± 0.40 km ± 1.2 km
 RMS: 0.28s GAP: 86.6° NR: 19

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|-------|-------|--------|
| MMN9 | P | 05 | 5.80 | 6.49 | 247.9 | 0.295 |
| MMN9 | S | 05 | 7.15 | 6.49 | 247.9 | 0.088 |
| MMN | P | 05 | 6.48 | 11.41 | 257.1 | 0.142 |
| MMN | S | 05 | 7.64 | 11.41 | 257.1 | -0.866 |
| CET2 | P | 05 | 12.17 | 45.08 | 198.5 | -0.110 |
| CET2 | S | 05 | 18.65 | 45.08 | 198.5 | -0.149 |

52 150627 1830 46.4 - Catena del Pollino
 Lat: 39.91 Lon: 16.13 Prof: 6.5 Km
 ± 0.46 km ± 0.50 km ± 1.3 km
 RMS: 0.30s GAP: 110.5° NR: 17

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|-------|-------|--------|
| MMN9 | P | 30 | 48.96 | 7.35 | 252.0 | 0.128 |
| MMN9 | S | 30 | 50.25 | 7.35 | 252.0 | -0.295 |
| MMN | P | 30 | 49.57 | 12.33 | 258.9 | -0.069 |
| MMN | S | 30 | 51.52 | 12.33 | 258.9 | -0.420 |
| CET2 | P | 30 | 55.49 | 45.23 | 199.8 | 0.132 |
| CET2 | S | 31 | 1.20 | 45.23 | 199.8 | -0.656 |

53 150627 1832 30.3 - Alto Tirreno Cosentino
 Lat: 39.90 Lon: 16.12 Prof: 5.7 Km
 ± 0.57 km ± 0.52 km ± 1.3 km
 RMS: 0.30s GAP: 103.8° NR: 13

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|-------|-------|--------|
| MMN | P | 32 | 33.46 | 11.72 | 264.3 | 0.108 |
| MMN | S | 32 | 35.25 | 11.72 | 264.3 | -0.289 |
| CET2 | P | 32 | 39.20 | 43.94 | 199.8 | 0.088 |
| CET2 | S | 32 | 45.10 | 43.94 | 199.8 | -0.418 |

54 150629 1526 57.0 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.10 Prof: 6.0 Km
 ± 0.50 km ± 0.54 km ± 1.7 km
 RMS: 0.37s GAP: 78.0° NR: 26

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|-------|-------|--------|
| MMN9 | P | 26 | 59.19 | 5.05 | 263.9 | 0.250 |
| MMN9 | S | 27 | .37 | 5.05 | 263.9 | 0.020 |
| MMN | P | 27 | -1.19 | 10.15 | 266.4 | 0.059 |
| MMN | S | 27 | .91 | 10.15 | 266.4 | -0.826 |
| CET2 | P | 27 | 5.51 | 42.95 | 198.1 | -0.046 |
| CET2 | S | 27 | 11.25 | 42.95 | 198.1 | -0.561 |

55 150629 1834 50.7 - Aspromonte
 Lat: 38.01 Lon: 15.82 Prof: 9.4 Km
 ± 0.62 km ± 0.45 km ± 1.8 km
 RMS: 0.30s GAP: 144.1° NR: 23

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|------|-------|--------|
| CNDF | P | 34 | 52.76 | 3.22 | 118.1 | 0.116 |
| CNDF | S | 34 | 53.89 | 3.22 | 118.1 | -0.176 |

56 150629 2005 12.0 - Maratea - Rotonda
 Lat: 39.93 Lon: 16.02 Prof: 7.3 Km
 ± 0.61 km ± 0.87 km ± 2.2 km
 RMS: 0.37s GAP: 79.0° NR: 18

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|------|-------|--------|
| MMN | P | 05 | 14.07 | 5.42 | 211.2 | 0.077 |
| MMN | S | 05 | 14.64 | 5.42 | 211.2 | -0.756 |
| MMN9 | P | 05 | 14.21 | 5.09 | 153.1 | 0.220 |

| | | | | | | |
|------|---|----|-------|-------|-------|-------|
| MMN9 | S | 05 | 15.50 | 5.09 | 153.1 | 0.107 |
| CET2 | P | 05 | 20.67 | 45.23 | 187.6 | 0.028 |
| CET2 | S | 05 | 26.91 | 45.23 | 187.6 | 0.000 |

57 150629 2211 18.4 - Offshore Locride
 Lat: 38.17 Lon: 16.39 Prof: 50.4 Km
 ± 1.63 km ± 2.69 km ± 4.6 km
 RMS: 0.57s GAP: 205.0° NR: 28

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|-------|-------|-------|
| CNDF | P | 11 | 30.01 | 50.48 | 247.9 | 0.332 |
| CNDF | S | 11 | 38.70 | 50.48 | 247.9 | 0.822 |
| SMIN | P | 11 | 34.55 | 89.74 | 350.9 | 0.025 |
| SMIN | S | 11 | 46.37 | 89.74 | 350.9 | 0.101 |

58 150629 2345 34.2 - Scarpata di Paola
 Lat: 39.36 Lon: 15.63 Prof: 226.0 Km
 ± 2.82 km ± 4.44 km ± 4.1 km
 RMS: 0.48s GAP: 231.4° NR: 32

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|--------|-------|--------|
| CET2 | P | 46 | 3.79 | 32.78 | 56.9 | 0.245 |
| CET2 | S | 46 | 25.04 | 32.78 | 56.9 | 0.040 |
| CSC2 | P | 46 | 4.39 | 54.29 | 99.6 | -0.292 |
| CSC2 | S | 46 | 26.26 | 54.29 | 99.6 | -0.713 |
| SMIN | P | 46 | 4.63 | 67.22 | 130.7 | -0.542 |
| SPS2 | P | 46 | 4.68 | 61.10 | 98.0 | -0.282 |
| SPS2 | S | 46 | 27.18 | 61.10 | 98.0 | -0.274 |
| TDS | P | 46 | 5.61 | 68.48 | 61.8 | 0.393 |
| TDS | S | 46 | 27.64 | 68.48 | 61.8 | -0.254 |
| CUP2 | P | 46 | 6.00 | 78.56 | 88.7 | 0.404 |
| CUP2 | S | 46 | 29.31 | 78.56 | 88.7 | 0.760 |
| ROI | P | 46 | 6.64 | 83.43 | 74.2 | 0.861 |
| ROI | S | 46 | 29.72 | 83.43 | 74.2 | 0.849 |
| LADO | P | 46 | 6.71 | 116.13 | 94.5 | -0.550 |
| LADO | S | 46 | 31.78 | 116.13 | 94.5 | 0.344 |
| CNDF | P | 46 | 10.31 | 152.50 | 173.1 | 0.495 |
| CNDF | S | 46 | 36.41 | 152.50 | 173.1 | 0.550 |

59 150630 0240 15.5 - Aspromonte mer.
 Lat: 37.93 Lon: 16.06 Prof: 49.5 Km
 ± 1.52 km ± 2.11 km ± 4.3 km
 RMS: 0.54s GAP: 188.3° NR: 22

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|-------|-------|--------|
| CNDF | P | 40 | 24.89 | 19.86 | 292.6 | 0.849 |
| CNDF | S | 40 | 29.62 | 19.86 | 292.6 | -0.650 |

60 150630 1804 37.8 - Bacino di Gioia
 Lat: 38.45 Lon: 15.41 Prof: 139.5 Km
 ± 4.19 km ± 2.71 km ± 3.0 km
 RMS: 0.36s GAP: 169.3° NR: 12

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|-------|-------|-------|
| CNDF | P | 04 | 58.69 | 62.97 | 142.6 | 0.025 |

61 150630 2137 17.4 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.10 Prof: 5.4 Km
 ± 0.82 km ± 0.52 km ± 1.5 km
 RMS: 0.34s GAP: 90.4° NR: 13

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|------|-------|--------|
| MMN9 | P | 37 | 19.44 | 4.67 | 262.6 | 0.184 |
| MMN9 | S | 37 | 20.55 | 4.67 | 262.6 | 0.000 |
| MMN | P | 37 | 20.10 | 9.76 | 265.9 | 0.036 |
| MMN | S | 37 | 21.56 | 9.76 | 265.9 | -0.392 |

62 150630 2249 05.1 - Sila Grande
 Lat: 39.36 Lon: 16.70 Prof: 20.8 Km
 ± 0.76 km ± 0.69 km ± 2.2 km
 RMS: 0.37s GAP: 75.7° NR: 20

| STN | PHASE | MN | SEC | DIST | AZM | RES |
|------|-------|----|-------|-------|-------|--------|
| ROI | P | 49 | 11.03 | 25.51 | 332.2 | -0.256 |
| ROI | S | 49 | 15.27 | 25.51 | 332.2 | -0.522 |
| LADO | P | 49 | 11.10 | 25.31 | 111.3 | 0.030 |
| LADO | S | 49 | 15.22 | 25.31 | 111.3 | -0.203 |
| SPS2 | P | 49 | 12.26 | 32.84 | 254.7 | 0.092 |
| SPS2 | S | 49 | 17.53 | 32.84 | 254.7 | 0.215 |
| ROG2 | P | 49 | 13.12 | 39.01 | 237.1 | 0.018 |

| | | | | | | |
|------|---|----|-------|-------|-------|--------|
| ROG2 | S | 49 | 18.66 | 39.01 | 237.1 | -0.268 |
| TDS | P | 49 | 13.31 | 45.32 | 315.3 | -0.717 |
| TDS | S | 49 | 21.50 | 45.32 | 315.3 | 0.955 |
| CET2 | P | 49 | 17.94 | 67.14 | 285.3 | 0.496 |
| CET2 | S | 49 | 26.01 | 67.14 | 285.3 | -0.445 |