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**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”**

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**PROGETTO PON01\_02710 MASSIMO**

**AMBITO/SETTORE BENI CULTURALI**

**CUP B21C11000550005**

**UNIVERSITÀ DELLA CALABRIA – DIPARTIMENTO DI FISICA**

**BOLLETTINO**

**DELLA**

**SISMICITÀ DELLA CALABRIA**

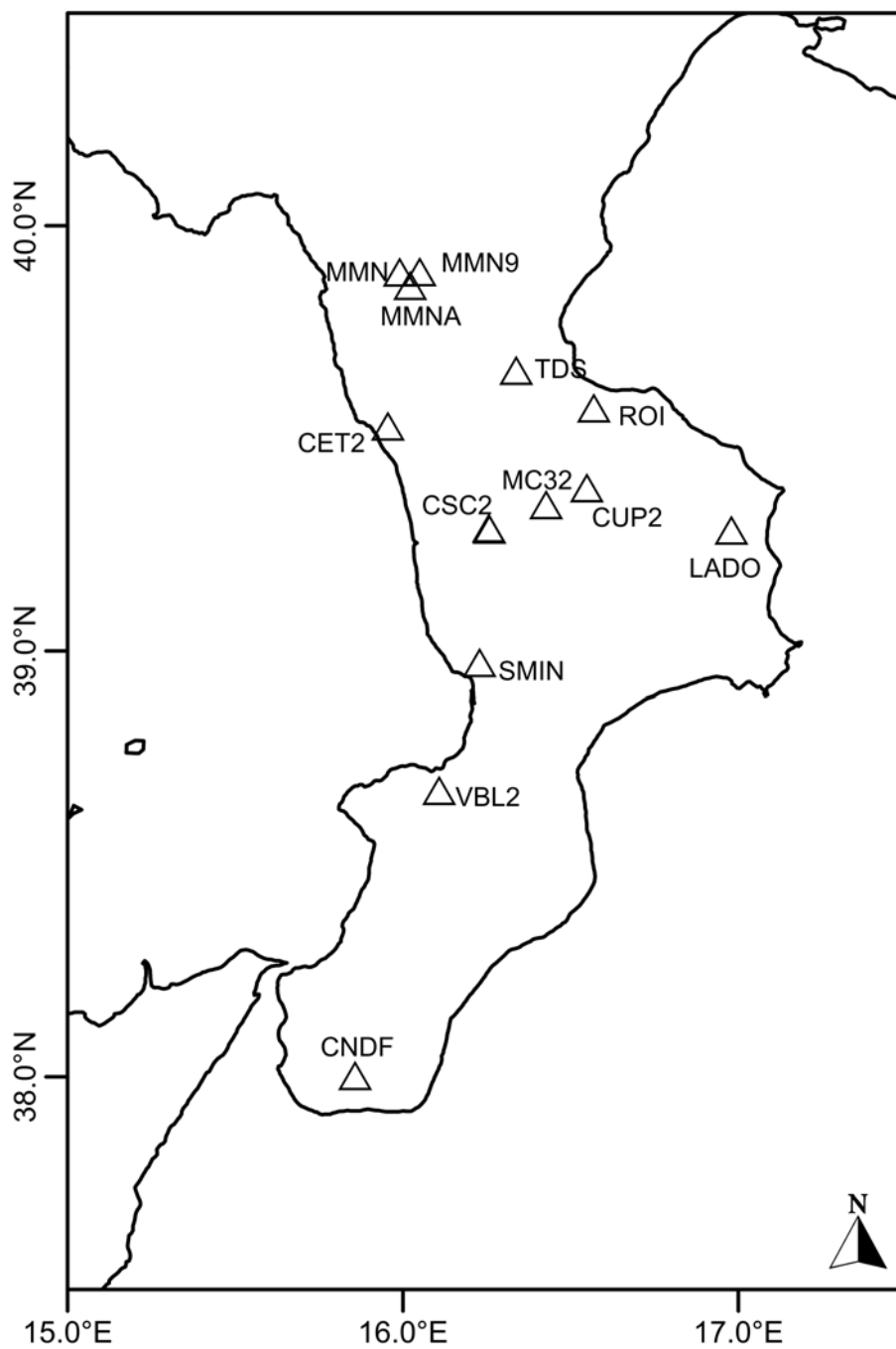
**E**

**DELLE AREE CIRCOSTANTI**

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

Periodo 01-15 Ottobre 2014

Distribuzione delle stazioni della Rete Sismica UniCal – Pon MASSIMO



## Toponomastica delle aree epicentrali



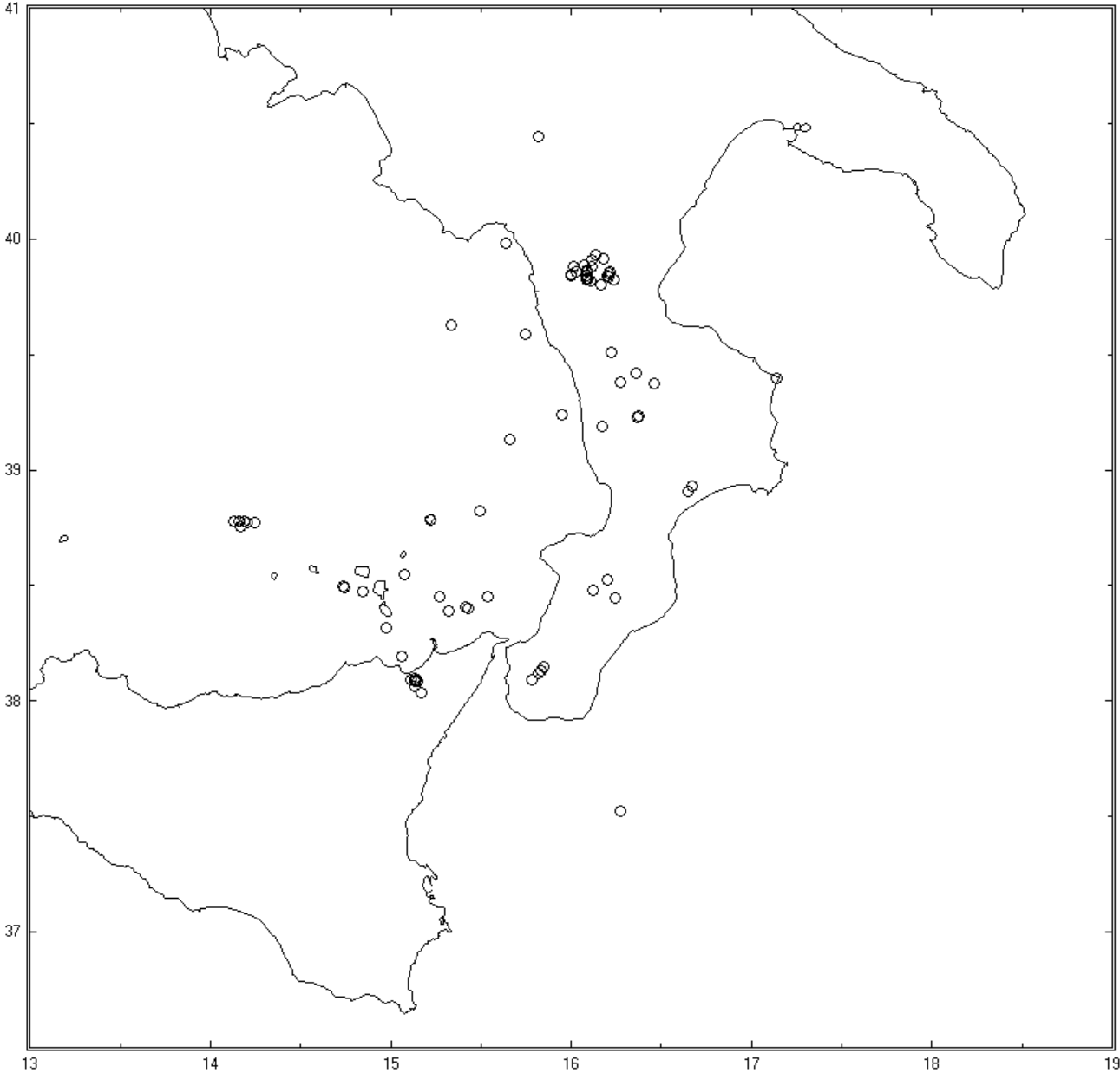
<b>1</b> Murge	<b>19</b> Piana di Sibari	<b>37</b> Offshore Punta Stilo	<b>55</b> Milazzo
<b>2</b> Penisola Salentina	<b>20</b> Valle dell'Esaro	<b>38</b> Punta Stilo	<b>56</b> Monti Peloritani
<b>3</b> Piana del Bradano e del Basento	<b>21</b> Catena del Pollino	<b>39</b> Serre centro-settentrionali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

Parametri ipocentrali degli eventi localizzati nel periodo di riferimento

Data	Orario		Lat N	LON E	H <sub>0</sub>	m	Δlat	Δlon	ΔH <sub>0</sub>	nr	GAP	sqm	ΔT <sub>0</sub>
aammgg	hhmm	ss.s	°	°	km		km	km	km		°	sec	sec
141001	0306	17.1	39.8331	16.0892	0.1		0.11	0.04	0.08	6	243	0.02	0.02
141001	1437	15.8	39.8241	16.0864	0.0		0.16	0.23	0.39	6	141	0.09	0.04
141001	1506	35.1	39.8660	16.0848	5.6		1.60	0.51	0.49	6	192	0.11	0.08
141001	1700	50.4	39.8569	16.0866	3.6		0.45	0.15	0.21	6	207	0.05	0.04
141002	0049	6.5	39.5099	16.2193	8.2	1.1	0.76	0.71	2.21	12	95	0.38	0.11
141002	0513	0.2	38.4470	16.2471	0.0	1.7	0.71	0.69	1.56	10	112	0.35	0.11
141002	1805	0.7	37.5229	16.2766	35.0	1.9	1.21	2.25	2.56	16	256	0.33	0.30
141003	0803	55.0	39.9342	16.1330	6.6	1.8	0.73	0.89	1.37	17	154	0.30	0.08
141003	1154	3.6	38.3150	14.9760	14.5	1.9	0.66	0.54	1.89	23	66	0.33	0.08
141003	1733	44.6	39.8829	16.1178	5.9	2.0	0.52	0.53	1.44	22	75	0.32	0.07
141003	1733	49.9	39.8421	16.0873	0.0	2.0	0.94	0.95	2.34	8	125	0.52	0.19
141003	1946	41.3	39.8499	15.9955	0.0		0.49	0.42	0.47	6	269	0.10	0.14
141003	2030	0.7	39.1875	16.1722	17.1	1.5	0.77	0.70	1.16	12	223	0.20	0.13
141003	2032	11.2	38.7749	14.2054	25.8	2.7	1.24	1.30	4.15	49	158	0.53	0.18
141003	2043	43.5	38.7799	14.1852	27.2	2.3	1.42	2.50	3.92	33	230	0.50	0.31
141003	2128	7.6	38.7806	14.1590	27.1	3.0	1.03	0.98	4.01	71	160	0.51	0.15
141003	1946	41.3	39.8499	15.9955	0.0		0.49	0.42	0.47	6	269	0.10	0.14
141004	0029	34.9	39.8337	16.0877	2.7		0.23	0.08	0.14	6	242	0.03	0.04
141004	0228	15.1	38.5227	16.1994	13.5	1.0	0.64	0.59	1.59	10	108	0.27	0.09
141004	0829	54.6	38.4007	15.4276	117.6	2.3	1.05	1.43	2.71	29	113	0.34	0.08
141004	0029	34.9	39.8337	16.0877	2.7	0.1	0.23	0.08	0.14	6	242	0.03	0.04
141004	1408	41.2	39.8423	15.9985	0.8	1.4	0.42	0.72	1.48	15	157	0.33	0.10
141004	2231	57.7	39.8830	16.0161	4.1	0.9	0.59	0.79	1.85	14	104	0.32	0.09
141005	0238	28.2	38.4511	15.5341	128.7	1.9	1.81	2.07	3.25	26	116	0.39	0.09
141005	0456	35.4	39.5913	15.7492	86.3	1.9	2.38	4.74	4.50	14	244	0.56	0.33
141005	0602	35.0	38.7548	14.1690	27.6	2.9	0.98	1.07	3.90	53	169	0.50	0.15
141005	0606	26.2	38.7729	14.2445	34.4	2.7	1.64	1.49	3.44	40	197	0.44	0.25
141004	2231	57.7	39.8830	16.0161	4.1	0.9	0.59	0.79	1.85	14	104	0.32	0.09
141005	0939	34.3	38.7803	14.1308	32.5	3.0	1.39	1.36	4.20	54	179	0.54	0.21
141005	1032	48.0	39.8207	16.1041	2.7		0.33	0.11	0.20	6	260	0.05	0.06
141005	1155	13.6	38.8255	15.4917	176.8	2.6	1.55	3.19	3.36	34	191	0.41	0.14
141005	2320	9.0	39.9806	15.6409	2.3	1.8	0.62	0.66	1.72	30	144	0.38	0.10
141006	1605	56.0	39.3797	16.2744	12.5	2.1	0.32	0.48	2.06	51	92	0.36	0.05
141007	0044	49.1	38.1223	15.8201	5.7	0.8	0.37	0.58	1.39	14	128	0.24	0.07
141007	0226	60.0	38.1301	15.8300	12.2		0.43	0.43	1.49	22	85	0.26	0.06
141007	0324	27.0	39.9085	16.1122	7.7	1.1	0.58	0.43	1.25	16	105	0.28	0.09
141007	1833	53.8	39.8588	16.2121	4.3	1.5	0.62	0.60	2.07	24	92	0.46	0.10
141008	1016	28.8	38.4513	15.2723	103.9	2.0	3.23	3.38	3.60	14	183	0.45	0.21
141008	1639	16.2	38.0934	15.7803	8.3	1.5	0.30	0.46	0.78	10	146	0.13	0.06
141008	2304	14.3	39.8447	16.2035	6.2	1.1	0.99	0.75	2.03	13	108	0.45	0.13
141008	2304	47.9	38.1932	15.0606	18.5	1.1	0.60	0.46	2.64	55	68	0.45	0.07
141009	0106	46.3	39.8531	16.2060	6.9	1.7	0.51	0.55	1.85	32	64	0.41	0.08
141009	0114	8.8	39.8027	16.1638	4.0		0.28	0.54	0.57	6	213	0.13	0.08
141009	1037	8.0	39.8351	16.2065	4.8	1.2	0.75	0.59	1.66	13	123	0.37	0.11
141009	1430	19.8	39.4184	16.3594	8.7	0.8	0.48	0.39	1.50	18	86	0.26	0.07
141009	2258	27.1	38.4729	14.8436	68.5	4.3	1.83	3.04	3.82	18	271	0.48	0.39
141009	2304	16.7	38.5465	15.0764	0.0	2.5	2.48	4.09	3.41	8	263	0.76	0.74
141010	0133	23.8	38.3891	15.3223	124.9	2.2	2.18	2.64	3.73	20	115	0.47	0.15
141010	0255	14.6	39.8606	16.0291	1.3		0.46	0.39	0.81	6	134	0.18	0.07
141010	0311	38.3	39.2386	15.9514	48.4	1.9	0.64	0.92	3.42	50	94	0.44	0.07
141010	1616	17.5	38.0880	15.1479	37.4	3.3	0.72	0.70	3.28	56	65	0.50	0.07
141010	1627	11.5	38.0346	15.1715	47.3	3.3	1.32	0.95	3.99	47	58	0.51	0.12
141010	1628	12.2	38.0836	15.1351	37.1	3.3	0.72	0.69	3.04	54	69	0.47	0.07
141010	1630	8.6	38.0643	15.1297	34.8	1.4	0.67	0.73	2.66	37	52	0.41	0.07
141010	1635	9.1	38.0898	15.1388	37.8	2.2	0.75	0.80	3.01	46	54	0.46	0.08
141010	1638	34.7	38.0860	15.1308	37.0	2.5	0.58	0.65	2.73	48	43	0.42	0.06
141010	1749	33.3	38.0948	15.1326	39.3	2.6	0.59	0.83	3.14	67	72	0.48	0.07

Data	Orario		Lat N	LON E	H <sub>0</sub>	m	δlat	δlon	δH <sub>0</sub>	nr	GAP	sqm	δT <sub>0</sub>
aammgg	hhmm	ss.s	°	°	km		km	km	km		°	sec	sec
141010	1935	35.5	39.8849	16.0680	5.0		8.91	2.52	2.18	6	172	0.48	0.23
141010	2333	27.7	38.4068	15.4169	115.7	2.1	1.17	2.15	2.76	22	113	0.33	0.10
141011	0442	45.7	39.6270	15.3368	2.6	1.4	1.47	2.23	2.51	17	240	0.56	0.38
141011	0912	21.7	38.4809	16.1209	13.9	1.6	0.47	0.46	1.37	16	100	0.24	0.07
141011	1642	40.8	39.9166	16.1793	12.7		3.51	2.10	3.70	8	238	0.64	0.52
141011	2003	24.8	38.4976	14.7352	9.9	2.3	1.02	0.74	2.51	21	83	0.43	0.11
141011	2011	3.8	38.4930	14.7461	9.9	2.1	0.98	0.73	2.64	24	103	0.46	0.12
141011	2220	49.3	40.4462	15.8151	8.6	2.2	3.35	4.19	2.62	8	332	0.45	0.57
141011	2342	57.0	39.2306	16.3667	22.9	2.6	0.36	0.60	2.44	71	46	0.42	0.05
141011	2348	44.1	39.2301	16.3644	27.0	2.3	0.43	0.74	2.56	52	65	0.44	0.06
141012	0032	4.8	39.2333	16.3739	23.2	1.5	0.44	0.51	1.53	24	71	0.26	0.06
141012	1550	2.4	38.1470	15.8499	11.6	1.4	0.52	0.77	1.50	14	115	0.26	0.07
141013	0334	46.4	39.3745	16.4621	14.8	2.7	0.44	0.63	2.31	36	49	0.40	0.07
141013	0840	16.2	38.0935	15.1099	17.7	2.5	0.54	0.40	2.16	48	44	0.37	0.06
141013	1133	5.8	38.7818	15.2212	201.4	2.5	2.73	3.41	3.15	26	156	0.38	0.15
141013	2113	52.3	38.9296	16.6678	15.2	1.0	0.75	1.22	2.27	18	184	0.39	0.15
141013	2205	39.7	39.1313	15.6629	98.0	2.0	1.48	2.39	3.29	22	127	0.41	0.14
141014	0050	54.1	38.9053	16.6459	10.8	2.8	0.49	1.06	2.80	69	181	0.48	0.12
141014	0134	6.5	39.3968	17.1393	58.4	1.8	1.19	2.37	4.00	38	214	0.50	0.23
141015	2122	7.8	39.8263	16.2342	8.1	0.9	0.95	0.81	1.85	9	156	0.32	0.12

Epicentri localizzati nel periodo di riferimento



# **BOLLETTINO**

1 141001 0306 17.1 - Alto Tirreno Cosentino  
 Lat: 39.83 Lon: 16.08 Prof: 0.1 Km  
 ± 0.11 km ± 0.04 km ± 0.1 km  
 RMS: 0.02s GAP: 243.1° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNA	P	06	18.62	6.74	64.2	-0.009
MMNA	S	06	19.74	6.74	64.2	0.007
MMN9	P	06	18.77	7.32	333.1	0.002
MMN9	S	06	19.98	7.32	333.1	0.007
MMN	P	06	19.50	10.59	307.3	0.014
MMN	S	06	21.19	10.59	307.3	-0.026

2 141001 1437 15.8 - Alto Tirreno Cosentino  
 Lat: 39.82 Lon: 16.08 Prof: 0.0 Km  
 ± 0.16 km ± 0.23 km ± 0.4 km  
 RMS: 0.09s GAP: 141.1° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNA	P	37	17.55	7.44	58.1	0.043
MMNA	S	37	18.64	7.44	58.1	-0.082
MMN9	P	37	17.71	8.12	337.8	0.043
MMN9	S	37	18.92	8.12	337.8	-0.079
CET2	P	37	23.60	34.68	199.2	0.045
CET2	S	37	29.10	34.68	199.2	-0.099

3 141001 1506 35.1 - Alto Tirreno Cosentino  
 Lat: 39.86 Lon: 16.08 Prof: 5.6 Km  
 ± 1.60 km ± 0.51 km ± 0.5 km  
 RMS: 0.11s GAP: 192.7° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	06	36.89	4.11	314.3	0.015
MMN9	S	06	38.13	4.11	314.3	-0.017
MMNA	P	06	37.22	6.48	96.3	0.081
MMNA	S	06	38.51	6.48	96.3	-0.092
MMN	P	06	37.42	8.51	289.0	-0.096
MMN	S	06	39.37	8.51	289.0	0.112

4 141001 1700 50.4 - Alto Tirreno Cosentino  
 Lat: 39.85 Lon: 16.08 Prof: 3.6 Km  
 ± 0.45 km ± 0.15 km ± 0.2 km  
 RMS: 0.05s GAP: 207.5° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	00	51.92	4.97	321.5	-0.019
MMN9	S	00	53.07	4.97	321.5	0.023
MMNA	P	00	52.16	6.30	87.3	0.043
MMNA	S	00	53.30	6.30	87.3	-0.050
MMN	P	00	52.65	9.03	294.8	-0.023
MMN	S	00	54.34	9.03	294.8	0.027

5 141002 0049 06.5 - Valle del Crati  
 Lat: 39.50 Lon: 16.21 Prof: 8.2 Km  
 ± 0.76 km ± 0.71 km ± 2.2 km  
 RMS: 0.38s GAP: 95.3° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
TDS	P	49	10.62	19.44	31.4	0.142
TDS	S	49	13.50	19.44	31.4	0.125
CET2	P	49	11.17	22.86	275.4	-0.083
CET2	S	49	14.44	22.86	275.4	-0.276
ROI	P	49	12.44	30.85	77.0	-0.252
ROI	S	49	16.71	30.85	77.0	-0.499

6 141002 0513 00.1 - Serre centro-sett.  
 Lat: 38.44 Lon: 16.24 Prof: 0.0 Km  
 ± 0.71 km ± 0.69 km ± 1.6 km  
 RMS: 0.35s GAP: 112.1° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	13	5.93	27.94	334.3	0.043
VBL2	S	13	9.94	27.94	334.3	-0.145

7 141002 1805 00.7 - Piana bat. ionica  
 Lat: 37.52 Lon: 16.27 Prof: 35.0 Km  
 ± 1.21 km ± 2.25 km ± 2.6 km  
 RMS: 0.33s GAP: 256.7° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	05	12.98	64.87	325.4	0.018
CNDF	S	05	22.52	64.87	325.4	0.618

8 141003 0803 55.0 - Catena del Pollino  
 Lat: 39.93 Lon: 16.13 Prof: 6.6 Km  
 ± 0.73 km ± 0.89 km ± 1.4 km  
 RMS: 0.30s GAP: 154.4° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNA	P	03	57.50	8.59	164.4	0.003
MMNA	S	03	58.96	8.59	164.4	-0.363

9 141003 1154 03.5 - Vulcano  
 Lat: 38.31 Lon: 14.97 Prof: 14.5 Km  
 ± 0.66 km ± 0.54 km ± 1.9 km  
 RMS: 0.33s GAP: 66.9° NR: 23

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	54	18.41	84.63	114.7	-0.379
CNDF	S	54	30.35	84.63	114.7	0.423

10 141003 1733 44.6 - Alto Tirreno Cosentino  
 Lat: 39.88 Lon: 16.11 Prof: 5.9 Km  
 ± 0.52 km ± 0.53 km ± 1.4 km  
 RMS: 0.32s GAP: 75.0° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNA	P	33	46.74	4.45	125.5	0.353
MMNA	S	33	47.77	4.45	125.5	0.099
MMN9	P	33	46.87	5.85	279.9	0.224
MMN9	S	33	47.99	5.85	279.9	-0.131
MMN	P	33	47.54	10.91	274.8	0.054
MMN	S	33	49.06	10.91	274.8	-0.516
CET2	P	33	53.11	41.73	199.7	0.134
CET2	S	33	58.31	41.73	199.7	-0.776

11 141003 1733 49.8 - Alto Tirreno Cosentino  
 Lat: 39.84 Lon: 16.08 Prof: 0.0 Km  
 ± 0.94 km ± 0.95 km ± 2.3 km  
 RMS: 0.52s GAP: 125.6° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNA	P	33	51.23	6.53	72.7	-0.118
MMNA	S	33	52.35	6.53	72.7	-0.065
MMN9	P	33	51.34	6.36	330.3	0.015
MMN9	S	33	52.46	6.36	330.3	0.087
MMN	P	33	52.02	9.88	303.3	-0.077
MMN	S	33	53.55	9.88	303.3	-0.160
CET2	P	33	58.75	36.60	198.3	0.725
CET2	S	34	3.03	36.60	198.3	-0.949

12 141003 1946 41.2 - Alto Tirreno Cosentino  
 Lat: 39.84 Lon: 15.99 Prof: 0.0 Km  
 ± 0.49 km ± 0.42 km ± 0.5 km  
 RMS: 0.10s GAP: 269.1° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	46	42.38	4.56	354.9	0.092
MMN	S	46	42.92	4.56	354.9	-0.124
MMN9	P	46	42.69	6.60	45.4	-0.057
MMN9	S	46	43.93	6.60	45.4	0.096
MMNA	P	46	44.38	14.13	85.7	-0.019
MMNA	S	46	46.70	14.13	85.7	0.000

13 141003 2030 00.6 - Amantea - M.Reventino  
 Lat: 39.18 Lon: 16.17 Prof: 17.1 Km  
 ± 0.77 km ± 0.70 km ± 1.2 km  
 RMS: 0.20s GAP: 223.3° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
MC32	P	30	7.02	28.02	51.6	0.211
MC32	S	30	11.21	28.02	51.6	-0.081
CET2	P	30	9.07	42.28	333.8	-0.024
CET2	S	30	14.85	42.28	333.8	-0.393



**14** 141003 2032 11.1 - Vulcano Marsili  
 Lat: 38.77 Lon: 14.20 Prof: 25.8 Km  
 ± 1.24 km ± 1.30 km ± 4.2 km  
 RMS: 0.53s GAP: 158.1° NR: 49

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	32	35.76	165.84	94.6	-0.602
VBL2	S	32	53.96	165.84	94.6	-0.841
CNDF	P	32	36.09	167.83	121.4	-0.111
CNDF	S	32	55.25	167.83	121.4	0.717
SMIN	P	32	37.39	176.92	83.5	-0.441
SMIN	S	32	57.59	176.92	83.5	0.241
CSC2	P	32	38.40	186.57	72.9	-0.663
CSC2	S	33	-0.45	186.57	72.9	0.065

**15** 141003 2043 43.4 - Vulcano Marsili  
 Lat: 38.77 Lon: 14.18 Prof: 27.2 Km  
 ± 1.42 km ± 2.50 km ± 3.9 km  
 RMS: 0.50s GAP: 230.1° NR: 33

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	44	8.57	169.63	121.3	-0.159
CNDF	S	44	28.03	169.63	121.3	0.804
SMIN	P	44	9.93	178.58	83.8	-0.406
SMIN	S	44	30.13	178.58	83.8	0.123
ROI	P	44	15.23	223.98	67.4	-0.833

**16** 141003 2128 07.5 - Vulcano Marsili  
 Lat: 38.78 Lon: 14.15 Prof: 27.1 Km  
 ± 1.03 km ± 0.98 km ± 4.0 km  
 RMS: 0.51s GAP: 160.0° NR: 71

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	28	32.69	171.65	121.0	-0.427
CNDF	S	28	52.34	171.65	121.0	0.531
VBL2	P	28	32.71	169.90	94.7	-0.591
VBL2	S	28	51.22	169.90	94.7	-0.912
SMIN	P	28	34.35	180.83	83.9	-0.402
SMIN	S	28	53.96	180.83	83.9	-0.683
SCOI	P	28	36.03	190.18	73.4	0.095
SCOI	S	28	56.32	190.18	73.4	-0.371
MC32	P	28	37.96	206.01	72.9	0.186
MC32	S	29	-0.39	206.01	72.9	-0.275

**17** 141003 1946 41.2 - Alto Tirreno Cosentino  
 Lat: 39.84 Lon: 15.99 Prof: 0.0 Km  
 ± 0.49 km ± 0.42 km ± 0.5 km  
 RMS: 0.10s GAP: 269.1° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	46	42.38	4.56	354.9	0.092
MMN	S	46	42.92	4.56	354.9	-0.124
MMN9	P	46	42.69	6.60	45.4	-0.057
MMN9	S	46	43.93	6.60	45.4	0.096
MMNA	P	46	44.38	14.13	85.7	-0.019
MMNA	S	46	46.70	14.13	85.7	0.000

**18** 141004 0029 34.9 - Alto Tirreno Cosentino  
 Lat: 39.83 Lon: 16.08 Prof: 2.7 Km  
 ± 0.23 km ± 0.08 km ± 0.1 km  
 RMS: 0.03s GAP: 242.3° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNA	P	29	36.61	6.83	65.2	0.004
MMNA	S	29	37.85	6.83	65.2	0.007
MMN9	P	29	36.68	7.20	333.8	-0.038
MMN9	S	29	38.06	7.20	333.8	0.021
MMN	P	29	37.39	10.45	307.5	0.019
MMN	S	29	39.17	10.45	307.5	0.003

**19** 141004 0228 15.1 - Serre centro-sett.  
 Lat: 38.52 Lon: 16.19 Prof: 13.5 Km  
 ± 0.64 km ± 0.59 km ± 1.6 km  
 RMS: 0.27s GAP: 108.3° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	28	19.69	18.57	334.6	0.312
VBL2	S	28	22.42	18.57	334.6	-0.083

**20** 141004 0830 54.5 - Bacino di Gioia  
 Lat: 38.40 Lon: 15.42 Prof: 117.6 Km  
 ± 1.05 km ± 1.43 km ± 2.7 km  
 RMS: 0.34s GAP: 113.7° NR: 29

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	30	13.16	57.99	139.9	0.327
CNDF	S	30	26.73	57.99	139.9	0.521
VBL2	P	30	13.68	66.61	63.2	0.060
VBL2	S	30	27.07	66.61	63.2	-0.500
SMIN	P	30	15.40	94.27	47.9	-0.357
SMIN	S	30	31.08	94.27	47.9	-0.193
CET2	P	30	19.01	133.30	20.4	0.591
CET2	S	30	35.88	133.30	20.4	-0.004

**21** 141004 0029 34.9 - Alto Tirreno Cosentino  
 Lat: 39.83 Lon: 16.08 Prof: 2.7 Km  
 ± 0.23 km ± 0.08 km ± 0.1 km  
 RMS: 0.03s GAP: 242.3° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNA	P	29	36.61	6.83	65.2	0.004
MMNA	S	29	37.85	6.83	65.2	0.007
MMN9	P	29	36.68	7.20	333.8	-0.038
MMN9	S	29	38.06	7.20	333.8	0.021
MMN	P	29	37.39	10.45	307.5	0.019
MMN	S	29	39.17	10.45	307.5	0.003

**22** 141004 1408 41.1 - Alto Tirreno Cosentino  
 Lat: 39.84 Lon: 15.99 Prof: 0.8 Km  
 ± 0.42 km ± 0.72 km ± 1.5 km  
 RMS: 0.33s GAP: 157.4° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	08	42.55	5.43	353.0	0.109
MMN	S	08	43.94	5.43	353.0	0.575
MMN9	P	08	42.64	7.07	39.0	-0.160
MMN9	S	08	43.59	7.07	39.0	-0.400
MMNA	P	08	44.70	13.97	82.2	0.400
MMNA	S	08	46.12	13.97	82.2	-0.462
CET2	P	08	48.11	35.01	186.3	-0.183
CET2	S	08	53.05	35.01	186.3	-0.450
TDS	P	08	48.43	35.43	125.0	0.376

**23** 141004 2231 57.7 - Alto Tirreno Cosentino  
 Lat: 39.88 Lon: 16.01 Prof: 4.1 Km  
 ± 0.59 km ± 0.79 km ± 1.9 km  
 RMS: 0.32s GAP: 104.0° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	31	58.84	2.34	291.8	-0.052
MMN	S	32	-0.17	2.34	291.8	0.074
MMN9	P	31	59.00	3.09	71.7	-0.001
MMN9	S	32	0.31	3.09	71.7	0.384
MMNA	P	32	0.50	12.59	102.0	-0.133
MMNA	S	32	2.36	12.59	102.0	-0.395
CET2	P	32	5.26	39.68	187.8	-0.067
CET2	S	32	10.71	39.68	187.8	-0.169

**24** 141005 0238 28.2 - Bacino di Gioia  
 Lat: 38.45 Lon: 15.53 Prof: 128.7 Km  
 ± 1.81 km ± 2.07 km ± 3.2 km  
 RMS: 0.39s GAP: 116.4° NR: 26

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	38	47.56	55.79	64.0	-0.072
VBL2	S	39	1.96	55.79	64.0	0.104
CNDF	P	38	47.79	57.20	150.7	0.279
CNDF	S	39	1.60	57.20	150.7	-0.046
SMIN	P	38	49.09	83.66	46.4	-0.336
SMIN	S	39	4.66	83.66	46.4	-0.303
CET2	P	38	52.62	125.06	17.2	0.565
CET2	S	39	10.41	125.06	17.2	0.893

25 141005 0456 35.4 - Offshore Scalea - Diamante  
 Lat: 39.59 Lon: 15.74 Prof: 86.3 Km  
 ± 2.38 km ± 4.74 km ± 4.5 km  
 RMS: 0.56s GAP: 244.2° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	56	48.36	18.96	111.7	0.646
CET2	S	56	57.70	18.96	111.7	0.990
SMIN	P	56	52.14	80.12	149.1	-0.208
SMIN	S	57	4.16	80.12	149.1	-0.578

26 141005 0602 35.0 - Vulcano Marsili  
 Lat: 38.75 Lon: 14.16 Prof: 27.6 Km  
 ± 0.98 km ± 1.07 km ± 3.9 km  
 RMS: 0.50s GAP: 169.9° NR: 53

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	03	-0.28	169.48	120.3	-0.548
CNDF	S	03	19.45	169.48	120.3	0.710
VBL2	P	03	0.04	168.88	93.7	-0.555
VBL2	S	03	20.16	168.88	93.7	0.836
SMIN	P	03	1.57	180.36	82.9	-0.548
SMIN	S	03	21.63	180.36	82.9	-0.330
CUP2	P	03	7.02	217.40	71.8	0.359
CUP2	S	03	30.50	217.40	71.8	0.672
ROI	P	03	8.23	226.40	66.9	0.306
ROI	S	03	32.53	226.40	66.9	0.513

27 141005 0606 26.2 - Vulcano Marsili  
 Lat: 38.77 Lon: 14.24 Prof: 34.4 Km  
 ± 1.64 km ± 1.49 km ± 3.4 km  
 RMS: 0.44s GAP: 197.7° NR: 40

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	06	50.75	162.43	94.6	-0.220
VBL2	S	07	9.32	162.43	94.6	0.254
SMIN	P	06	52.44	173.58	83.3	-0.012
SMIN	S	07	12.24	173.58	83.3	0.609

28 141004 2231 57.7 - Alto Tirreno Cosentino  
 Lat: 39.88 Lon: 16.01 Prof: 4.1 Km  
 ± 0.59 km ± 0.79 km ± 1.9 km  
 RMS: 0.32s GAP: 104.0° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	31	58.84	2.34	291.8	-0.052
MMN	S	32	-0.17	2.34	291.8	0.074
MMN9	P	31	59.00	3.09	71.7	-0.001
MMN9	S	32	0.31	3.09	71.7	0.384
MMNA	P	32	0.50	12.59	102.0	-0.133
MMNA	S	32	2.36	12.59	102.0	-0.395
CET2	P	32	5.26	39.68	187.8	-0.067
CET2	S	32	10.71	39.68	187.8	-0.169

29 141005 0939 34.3 - Vulcano Marsili  
 Lat: 38.78 Lon: 14.13 Prof: 32.5 Km  
 ± 1.39 km ± 1.36 km ± 4.2 km  
 RMS: 0.54s GAP: 179.5° NR: 54

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	40	0.02	173.76	120.5	-0.132
CNDF	S	40	19.97	173.76	120.5	0.924
SMIN	P	40	1.38	183.26	84.0	-0.438
SMIN	S	40	21.55	183.26	84.0	-0.378
ROI	P	40	8.31	228.29	67.9	0.811

30 141005 1032 48.0 - Alto Tirreno Cosentino  
 Lat: 39.82 Lon: 16.10 Prof: 2.7 Km  
 ± 0.33 km ± 0.11 km ± 0.2 km  
 RMS: 0.05s GAP: 260.8° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNA	P	32	49.63	6.46	48.1	-0.032
MMNA	S	32	50.90	6.46	48.1	0.054
MMN9	P	32	50.22	9.14	329.9	-0.021
MMN9	S	32	51.83	9.14	329.9	-0.019
MMN	P	32	50.96	12.44	308.9	0.037

31 141005 1155 13.5 - Scarpata di Paola  
 Lat: 38.82 Lon: 15.49 Prof: 176.8 Km  
 ± 1.55 km ± 3.19 km ± 3.4 km  
 RMS: 0.41s GAP: 191.8° NR: 34

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	55	38.34	56.15	107.7	-0.075
VBL2	S	55	56.37	56.15	107.7	-0.228
SMIN	P	55	38.39	65.95	75.9	-0.436
SMIN	S	55	57.45	65.95	75.9	0.138
CET2	P	55	39.88	87.72	27.5	0.619
CET2	S	55	58.01	87.72	27.5	-0.054
CNDF	P	55	40.51	96.70	161.1	0.155
CNDF	S	56	0.40	96.70	161.1	0.440
ROI	P	55	43.12	124.61	48.5	0.755
ROI	S	56	2.76	124.61	48.5	-0.680

32 141005 2320 09.0 - G. di Policastro  
 Lat: 39.98 Lon: 15.64 Prof: 2.3 Km  
 ± 0.62 km ± 0.66 km ± 1.7 km  
 RMS: 0.38s GAP: 144.2° NR: 30

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	20	15.78	31.51	108.7	0.365
MMN	S	20	20.79	31.51	108.7	0.705
MMN9	P	20	16.65	36.36	106.0	0.375
MMN9	S	20	21.91	36.36	106.0	0.337
MMNA	P	20	18.36	46.38	107.0	-0.212
MMNA	S	20	25.45	46.38	107.0	-0.096
CET2	P	20	19.86	56.91	152.1	0.112
CET2	S	20	27.44	56.91	152.1	-0.148

33 141006 1605 56.0 - Valle del Crati  
 Lat: 39.37 Lon: 16.27 Prof: 12.5 Km  
 ± 0.32 km ± 0.48 km ± 2.1 km  
 RMS: 0.36s GAP: 92.6° NR: 51

STN	PHASE	MN	SEC	DIST	AZM	RES
SCOI	P	05	59.26	10.15	188.7	0.203
SCOI	S	06	1.04	10.15	188.7	-0.226
CSC2	P	05	59.34	10.46	187.8	0.239
CSC2	S	06	1.27	10.46	187.8	-0.072
MC32	P	06	-0.07	13.72	106.7	0.232
MC32	S	06	2.27	13.72	106.7	-0.088
CUP2	P	06	1.47	23.59	88.9	0.380
CUP2	S	06	4.34	23.59	88.9	-0.445
CET2	P	06	2.51	32.12	301.1	-0.010
CET2	S	06	6.97	32.12	301.1	-0.294
TDS	P	06	2.68	31.52	9.8	0.474
TDS	S	06	6.63	31.52	9.8	-0.091
ROI	P	06	2.77	33.14	49.8	0.015
ROI	S	06	7.78	33.14	49.8	0.112
SMIN	P	06	4.90	45.33	185.0	0.353
SMIN	S	06	10.33	45.33	185.0	-0.444
MMNA	P	06	6.44	54.18	349.6	-0.076
MMNA	S	06	13.59	54.18	349.6	-0.598
MMN9	P	06	6.64	60.03	341.4	-0.454
MMN9	S	06	16.13	60.03	341.4	0.940
MMN	P	06	7.43	61.76	336.8	0.062
MMN	S	06	15.41	61.76	336.8	-0.249
VBL2	P	06	10.46	79.67	190.5	0.086
VBL2	S	06	20.17	79.67	190.5	-0.696

34 141007 0044 49.1 - Aspromonte  
 Lat: 38.12 Lon: 15.82 Prof: 5.7 Km  
 ± 0.37 km ± 0.58 km ± 1.4 km  
 RMS: 0.24s GAP: 128.1° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	44	52.26	13.61	166.4	0.247
CNDF	S	44	54.38	13.61	166.4	0.258

35 141007 0227 60.0 - Aspromonte  
 Lat: 38.13 Lon: 15.83 Prof: 12.2 Km  
 ± 0.43 km ± 0.43 km ± 1.5 km  
 RMS: 0.26s GAP: 85.9° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	27	3.67	14.27	170.6	0.165
CNDF	S	27	5.81	14.27	170.6	-0.262
VBL2	P	27	11.77	65.05	22.1	-0.059
VBL2	S	27	20.07	65.05	22.1	-0.420

**36** 141007 0324 26.9 - Alto Tirreno Cosentino  
Lat: 39.90 Lon: 16.11 Prof: 7.7 Km  
± 0.58 km ± 0.43 km ± 1.3 km  
RMS: 0.28s GAP: 105.3° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	24	29.14	5.60	250.8	-0.024
MMN9	S	24	30.48	5.60	250.8	-0.278
MMNA	P	24	29.47	6.80	143.0	0.094
MMNA	S	24	31.00	6.80	143.0	-0.125
MMN	P	24	29.78	10.58	259.4	-0.016
MMN	S	24	31.83	10.58	259.4	-0.025
CET2	P	24	35.45	44.27	197.9	-0.085
CET2	S	24	41.30	44.27	197.9	-0.495

**37** 141007 1833 53.8 - Catena del Pollino  
Lat: 39.85 Lon: 16.21 Prof: 4.3 Km  
± 0.62 km ± 0.60 km ± 2.1 km  
RMS: 0.46s GAP: 92.5° NR: 24

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNA	P	33	55.85	4.44	271.2	0.566
MMNA	S	33	56.96	4.44	271.2	0.595
MMN9	P	33	57.32	14.31	284.9	0.114
MMN9	S	33	58.80	14.31	284.9	-0.895
MMN	P	33	58.15	19.28	280.7	-0.098
MMN	S	34	2.02	19.28	280.7	0.521
TDS	P	33	58.90	24.60	154.1	-0.183
TDS	S	34	3.00	24.60	154.1	0.060
ROI	P	34	2.47	44.19	136.0	-0.434
ROI	S	34	10.54	44.19	136.0	0.980
CUP2	P	34	5.78	60.15	151.2	0.447
CUP2	S	34	14.32	60.15	151.2	0.550

**38** 141008 1016 28.8 - Canyon di Stromboli  
Lat: 38.45 Lon: 15.27 Prof: 103.9 Km  
± 3.23 km ± 3.38 km ± 3.6 km  
RMS: 0.45s GAP: 183.7° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	16	46.26	71.39	134.6	-0.176
CNDF	S	16	59.17	71.39	134.6	-0.142

**39** 141008 1639 16.2 - Aspromonte  
Lat: 38.09 Lon: 15.78 Prof: 8.3 Km  
± 0.30 km ± 0.46 km ± 0.8 km  
RMS: 0.13s GAP: 146.4° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	39	19.14	12.06	146.2	0.121
CNDF	S	39	21.04	12.06	146.2	-0.039

**40** 141008 2304 14.3 - Alto Tirreno Cosentino  
Lat: 39.84 Lon: 16.20 Prof: 6.2 Km  
± 0.99 km ± 0.75 km ± 2.0 km  
RMS: 0.45s GAP: 108.4° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNA	P	04	16.31	4.05	294.1	0.253
MMNA	S	04	17.41	4.05	294.1	0.062
MMN	P	04	18.78	18.91	285.8	0.252
MMN	S	04	21.86	18.91	285.8	0.230
CET2	P	04	22.24	41.06	211.4	-0.245
CET2	S	04	27.50	41.06	211.4	-0.986
ROI	P	04	23.48	43.61	133.9	0.441
ROI	S	04	30.27	43.61	133.9	0.839

**41** 141008 2304 47.9 - Milazzo  
Lat: 38.19 Lon: 15.06 Prof: 18.5 Km  
± 0.60 km ± 0.46 km ± 2.6 km  
RMS: 0.45s GAP: 68.3° NR: 55

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	05	1.39	72.99	107.3	0.084
CNDF	S	05	11.17	72.99	107.3	0.084
VBL2	P	05	6.00	105.86	60.2	-0.903
VBL2	S	05	19.91	105.86	60.2	-0.876
SMIN	P	05	11.11	133.56	50.0	-0.075
SMIN	S	05	27.49	133.56	50.0	-0.705

**42** 141009 0106 46.2 - Alto Tirreno Cosentino  
Lat: 39.85 Lon: 16.20 Prof: 6.9 Km  
± 0.51 km ± 0.55 km ± 1.8 km  
RMS: 0.41s GAP: 64.9° NR: 32

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNA	P	06	48.37	3.99	280.5	0.186
MMNA	S	06	49.49	3.99	280.5	-0.079
MMN	P	06	50.55	18.90	282.9	0.092
MMN	S	06	53.50	18.90	282.9	-0.009
TDS	P	06	51.47	24.26	152.4	0.232
CET2	P	06	54.11	41.97	211.0	-0.439
CET2	S	07	-0.10	41.97	211.0	-0.706
ROI	P	06	54.66	44.10	135.0	-0.363
ROI	S	07	1.45	44.10	135.0	0.033
CUP2	P	06	57.20	59.85	150.5	-0.236
CUP2	S	07	5.25	59.85	150.5	-0.345
SMIN	P	07	4.43	97.73	178.9	0.586
SMIN	S	07	16.95	97.73	178.9	0.257
VBL2	P	07	9.02	131.20	183.8	-0.573
VBL2	S	07	25.87	131.20	183.8	-0.781

**43** 141009 0114 08.8 - Alto Tirreno Cosentino  
Lat: 39.80 Lon: 16.16 Prof: 4.0 Km  
± 0.28 km ± 0.54 km ± 0.6 km  
RMS: 0.13s GAP: 213.4° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNA	P	14	10.61	6.32	357.2	0.042
MMNA	S	14	11.72	6.32	357.2	-0.123
MMN	P	14	12.90	17.76	303.5	-0.018
MMN	S	14	15.97	17.76	303.5	0.055
CET2	P	14	16.41	35.31	210.7	0.097
CET2	S	14	21.62	35.31	210.7	-0.174

**44** 141009 1037 07.9 - Alto Tirreno Cosentino  
Lat: 39.83 Lon: 16.20 Prof: 4.8 Km  
± 0.75 km ± 0.59 km ± 1.7 km  
RMS: 0.37s GAP: 123.0° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNA	P	37	9.92	4.81	304.6	0.344
MMNA	S	37	11.02	4.81	304.6	0.265
MMN	P	37	12.29	19.48	288.6	-0.135
MMN	S	37	15.30	19.48	288.6	-0.386
CET2	P	37	15.66	40.29	212.5	-0.545
CET2	S	37	22.49	40.29	212.5	0.252
ROI	P	37	16.82	42.68	133.1	0.086
ROI	S	37	23.80	42.68	133.1	0.649

**45** 141009 1430 19.7 - Sila Greca  
Lat: 39.41 Lon: 16.35 Prof: 8.7 Km  
± 0.48 km ± 0.39 km ± 1.5 km  
RMS: 0.26s GAP: 86.1° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	30	23.57	16.71	103.3	0.094
CUP2	S	30	26.33	16.71	103.3	0.150
ROI	P	30	24.80	24.81	46.5	-0.118
ROI	S	30	28.17	24.81	46.5	-0.510
TDS	P	30	24.94	26.82	355.9	-0.041
TDS	S	30	28.90	26.82	355.9	0.110
CET2	P	30	26.73	36.92	289.4	-0.207
CET2	S	30	32.72	36.92	289.4	0.539

**46** 141009 2258 27.0 - Lipari  
Lat: 38.47 Lon: 14.84 Prof: 68.5 Km  
± 1.83 km ± 3.04 km ± 3.8 km  
RMS: 0.48s GAP: 271.7° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES	STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	58	44.46	102.92	121.0	-0.404	TDS	S	11	57.80	57.32	35.5	-0.531
CNDF	S	58	58.48	102.92	121.0	0.600	VBL2	P	11	50.68	64.15	167.9	-0.029
VBL2	P	58	45.92	112.41	79.0	-0.310	VBL2	S	11	59.29	64.15	167.9	-0.499
VBL2	S	59	-0.35	112.41	79.0	-0.611	ROI	P	11	50.83	64.80	55.2	0.004
SMIN	P	58	48.50	132.58	65.7	-0.170	ROI	S	12	0.62	64.80	55.2	0.628
SMIN	S	59	4.89	132.58	65.7	0.416	MMN	P	11	51.41	72.49	2.8	-0.357
CET2	P	58	50.25	151.66	39.9	0.389	MMN	S	12	1.06	72.49	2.8	-0.563
CET2	S	59	6.90	151.66	39.9	0.361	MMNA	P	11	51.61	71.24	14.7	-0.274
SCOI	P	58	50.91	152.45	54.0	-0.139	MMNA	S	12	1.43	71.24	14.7	-0.395
SCOI	S	59	8.45	152.45	54.0	-0.135							
MC32	P	58	53.20	167.95	55.2	0.395							
MC32	S	59	12.25	167.95	55.2	0.609							
CUP2	P	58	54.64	179.05	56.0	0.496							
CUP2	S	59	13.86	179.05	56.0	-0.097							
MMN	P	58	54.76	186.01	32.7	-0.571							
MMN	S	59	15.69	186.01	32.7	-0.320							
ROI	P	58	56.35	192.90	51.1	0.387							
ROI	S	59	16.15	192.90	51.1	-0.959							

**47** 141009 2304 16.7 - Panarea  
Lat: 38.54 Lon: 15.07 Prof: 0.0 Km  
± 2.48 km ± 4.09 km ± 3.4 km  
RMS: 0.76s GAP: 263.4° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	04	32.94	91.14	131.9	-0.637
CNDF	S	04	46.73	91.14	131.9	0.801
VBL2	P	04	34.48	90.95	81.5	0.908
VBL2	S	04	45.05	90.95	81.5	-0.868
SMIN	P	04	36.67	110.74	65.1	-0.317
SMIN	S	04	51.82	110.74	65.1	-0.026
CET2	P	04	38.39	132.93	35.3	-0.135
CET2	S	04	54.97	132.93	35.3	0.459

**48** 141010 0133 23.8 - Bacino di Gioia  
Lat: 38.38 Lon: 15.32 Prof: 124.9 Km  
± 2.18 km ± 2.64 km ± 3.7 km  
RMS: 0.47s GAP: 115.8° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	33	43.66	63.48	132.8	0.394
CNDF	S	33	58.03	63.48	132.8	0.526
VBL2	P	33	43.95	75.44	65.6	-0.348
VBL2	S	33	58.99	75.44	65.6	-0.302
SMIN	P	33	45.80	102.04	50.9	-0.605
SMIN	S	34	2.68	102.04	50.9	-0.261
CET2	P	33	49.18	137.88	23.8	0.428
CET2	S	34	8.00	137.88	23.8	0.995

**49** 141010 0255 14.6 - Alto Tirreno Cosentino  
Lat: 39.86 Lon: 16.02 Prof: 1.3 Km  
± 0.46 km ± 0.39 km ± 0.8 km  
RMS: 0.18s GAP: 134.9° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	55	15.69	4.70	315.7	-0.061
MMN	S	55	16.63	4.70	315.7	0.035
MMNA	P	55	17.32	11.21	90.6	0.192
MMNA	S	55	18.73	11.21	90.6	-0.248
CET2	P	55	22.03	37.38	190.0	-0.020
CET2	S	55	27.50	37.38	190.0	-0.005

**50** 141010 0311 38.3 - Bacino di Paola  
Lat: 39.23 Lon: 15.95 Prof: 48.4 Km  
± 0.64 km ± 0.92 km ± 3.4 km  
RMS: 0.44s GAP: 94.0° NR: 50

STN	PHASE	MN	SEC	DIST	AZM	RES
SCOI	P	11	47.01	26.91	78.0	0.088
SCOI	S	11	53.51	26.91	78.0	0.279
CET2	P	11	47.77	32.21	0.7	0.787
CET2	S	11	53.75	32.21	0.7	0.414
MC32	P	11	48.25	42.65	74.1	-0.148
MC32	S	11	55.40	42.65	74.1	-0.388
CUP2	P	11	49.57	53.91	72.6	0.035
CUP2	S	11	58.37	53.91	72.6	0.614
TDS	P	11	49.64	57.32	35.5	-0.227

**51** 141010 1616 17.5 - M. Peloritani  
Lat: 38.08 Lon: 15.14 Prof: 37.4 Km  
± 0.72 km ± 0.70 km ± 3.3 km  
RMS: 0.50s GAP: 65.8° NR: 56

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	16	30.21	62.96	99.1	0.164
CNDF	S	16	40.09	62.96	99.1	0.878
SMIN	P	16	39.10	136.09	44.1	-0.711
SMIN	S	16	55.65	136.09	44.1	-0.473
CET2	P	16	43.86	174.61	24.1	0.901
CET2	S	17	1.83	174.61	24.1	0.254
CUP2	P	16	46.35	188.41	40.5	0.175
CUP2	S	17	6.68	188.41	40.5	-0.468
ROI	P	16	49.10	205.81	37.1	0.630
ROI	S	17	11.64	205.81	37.1	0.517
MMN9	P	16	49.26	214.97	21.7	-0.743
MMN9	S	17	13.06	214.97	21.7	-0.717
MMN	P	16	49.30	213.04	20.5	-0.427
MMN	S	17	13.20	213.04	20.5	-0.101
MMNA	P	16	49.65	215.35	24.4	-0.652
MMNA	S	17	13.65	215.35	24.4	-0.643

**52** 141010 1627 11.5 - M. Peloritani  
Lat: 38.03 Lon: 15.17 Prof: 47.3 Km  
± 1.32 km ± 0.95 km ± 4.0 km  
RMS: 0.51s GAP: 58.3° NR: 47

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	27	24.76	60.30	93.8	0.925
CNDF	S	27	33.25	60.30	93.8	0.395
VBL2	P	27	29.93	108.31	49.5	-0.135
VBL2	S	27	43.76	108.31	49.5	0.115
SMIN	P	27	33.55	139.07	41.8	-0.449
SMIN	S	27	49.84	139.07	41.8	-0.618
CET2	P	27	38.29	179.27	22.7	0.811
CET2	S	27	57.16	179.27	22.7	0.678
CUP2	P	27	40.87	191.71	38.9	0.596
CUP2	S	28	0.37	191.71	38.9	-0.954
ROI	P	27	43.21	209.42	35.7	0.577
ROI	S	28	4.54	209.42	35.7	-0.873
MMNA	P	27	44.20	219.98	23.3	-0.483
MMNA	S	28	8.70	219.98	23.3	-0.261

**53** 141010 1628 12.2 - M. Peloritani  
Lat: 38.08 Lon: 15.13 Prof: 37.1 Km  
± 0.72 km ± 0.69 km ± 3.0 km  
RMS: 0.47s GAP: 69.9° NR: 54

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	28	24.85	64.01	98.5	-0.008
CNDF	S	28	34.70	64.01	98.5	0.581
VBL2	P	28	29.86	107.31	52.8	-0.958
VBL2	S	28	43.56	107.31	52.8	-0.881
SMIN	P	28	33.91	137.21	44.3	-0.752
SMIN	S	28	50.63	137.21	44.3	-0.470
CET2	P	28	38.69	175.50	24.4	0.920
CET2	S	28	57.23	175.50	24.4	0.745
CUP2	P	28	41.72	189.50	40.7	0.699
CUP2	S	29	2.02	189.50	40.7	-0.091
ROI	P	28	43.02	206.87	37.3	-0.291
ROI	S	29	6.40	206.87	37.3	0.319
MMNA	P	28	44.86	216.24	24.6	-0.262
MMNA	S	29	8.95	216.24	24.6	-0.265

54 141010 1630 08.6 - M. Peloritani  
 Lat: 38.06 Lon: 15.12 Prof: 34.8 Km  
 ± 0.67 km ± 0.73 km ± 2.7 km  
 RMS: 0.41s GAP: 52.9° NR: 37

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	30	21.34	64.23	96.5	0.165
CNDF	S	30	31.36	64.23	96.5	0.977

55 141010 1635 09.1 - M. Peloritani  
 Lat: 38.08 Lon: 15.13 Prof: 37.8 Km  
 ± 0.75 km ± 0.80 km ± 3.0 km  
 RMS: 0.46s GAP: 54.3° NR: 46

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	35	22.03	63.78	99.1	0.269
CNDF	S	35	31.81	63.78	99.1	0.784

56 141010 1638 34.7 - M. Peloritani  
 Lat: 38.08 Lon: 15.13 Prof: 37.0 Km  
 ± 0.58 km ± 0.65 km ± 2.7 km  
 RMS: 0.42s GAP: 43.2° NR: 48

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	38	47.55	64.42	98.7	0.152
CNDF	S	38	57.41	64.42	98.7	0.710
VBL2	P	38	53.51	107.45	53.0	0.183
VBL2	S	39	6.34	107.45	53.0	-0.630
SMIN	P	38	57.19	137.29	44.5	0.027
SMIN	S	39	12.84	137.29	44.5	-0.774

57 141010 1749 33.3 - M. Peloritani  
 Lat: 38.09 Lon: 15.13 Prof: 39.3 Km  
 ± 0.59 km ± 0.83 km ± 3.1 km  
 RMS: 0.48s GAP: 72.7° NR: 67

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	49	46.10	64.41	99.5	0.136
CNDF	S	49	56.17	64.41	99.5	0.939
VBL2	P	49	51.21	106.73	53.4	-0.443
VBL2	S	50	4.20	106.73	53.4	-0.887
SMIN	P	49	54.82	136.47	44.8	-0.658
SMIN	S	50	11.34	136.47	44.8	-0.370
CET2	P	49	59.19	174.46	24.6	0.606
CET2	S	50	17.50	174.46	24.6	0.410
ROI	P	50	5.01	206.01	37.5	0.892
ROI	S	50	27.48	206.01	37.5	0.805
MMNA	P	50	5.38	215.20	24.8	-0.520
MMNA	S	50	29.16	215.20	24.8	-0.598
MMN9	P	50	6.16	214.75	22.1	0.565
MMN9	S	50	28.46	214.75	22.1	-0.769

58 141010 1935 35.5 - Alto Tirreno Cosentino  
 Lat: 39.88 Lon: 16.06 Prof: 5.0 Km  
 ± 8.91 km ± 2.52 km ± 2.2 km  
 RMS: 0.48s GAP: 172.4° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	35	48.62	1.69	297.3	-0.443
MMN9	S	35	49.32	1.69	297.3	-0.761
MMN	P	35	49.82	6.65	275.8	0.180
MMN	S	35	51.19	6.65	275.8	0.103
MMNA	P	35	49.89	8.37	109.6	-0.017
MMNA	S	35	51.61	8.37	109.6	0.060

59 141010 2333 27.6 - Bacino di Gioia  
 Lat: 38.40 Lon: 15.41 Prof: 115.7 Km  
 ± 1.17 km ± 2.15 km ± 2.8 km  
 RMS: 0.33s GAP: 113.1° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	33	45.75	59.11	139.7	0.053
CNDF	S	33	59.45	59.11	139.7	0.577
VBL2	P	33	46.38	67.14	64.1	-0.049
VBL2	S	34	-0.10	67.14	64.1	-0.257
CET2	P	33	52.03	132.98	20.9	0.735
CET2	S	34	9.20	132.98	20.9	0.630
MMN9	P	33	56.41	173.71	18.7	-0.216

60 141011 0442 45.6 - Offshore Cilento  
 Lat: 39.62 Lon: 15.33 Prof: 2.6 Km  
 ± 1.47 km ± 2.23 km ± 2.5 km  
 RMS: 0.56s GAP: 240.1° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	42	56.01	54.18	102.0	0.118
CET2	S	43	2.39	54.18	102.0	-0.996

61 141011 0912 21.6 - Serre centro-sett.  
 Lat: 38.48 Lon: 16.12 Prof: 13.9 Km  
 ± 0.47 km ± 0.46 km ± 1.4 km  
 RMS: 0.24s GAP: 100.1° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	12	26.43	21.44	357.1	0.052
VBL2	S	12	29.82	21.44	357.1	-0.016

62 141011 1642 40.8 - Catena del Pollino  
 Lat: 39.91 Lon: 16.17 Prof: 12.7 Km  
 ± 3.51 km ± 2.10 km ± 3.7 km  
 RMS: 0.64s GAP: 238.8° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNA	P	42	44.58	6.53	194.5	0.698
MMNA	S	42	46.34	6.53	194.5	0.239
MMN	P	42	44.80	16.38	260.0	-0.063
MMN	S	42	46.86	16.38	260.0	-0.946
ROI	P	42	50.17	50.82	138.8	-0.488
ROI	S	42	57.52	50.82	138.8	-0.320
CET2	P	42	50.44	47.17	204.2	0.491
CET2	S	42	56.37	47.17	204.2	-0.243

63 141011 2003 24.8 - Bacino di Alicudi  
 Lat: 38.49 Lon: 14.73 Prof: 9.9 Km  
 ± 1.02 km ± 0.74 km ± 2.5 km  
 RMS: 0.43s GAP: 83.1° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	03	44.17	112.51	119.8	0.372
CNDF	S	03	57.56	112.51	119.8	-0.122
CET2	P	03	48.68	155.74	43.3	0.563
CET2	S	04	4.33	155.74	43.3	-0.834

64 141011 2011 03.7 - Bacino di Alicudi  
 Lat: 38.49 Lon: 14.74 Prof: 9.9 Km  
 ± 0.98 km ± 0.73 km ± 2.6 km  
 RMS: 0.46s GAP: 103.0° NR: 24

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	11	27.47	155.48	42.9	0.432
CET2	S	11	44.58	155.48	42.9	0.520

65 141011 2221 49.3 - Appennino Lucano  
 Lat: 40.44 Lon: 15.81 Prof: 8.6 Km  
 ± 3.35 km ± 4.19 km ± 2.6 km  
 RMS: 0.45s GAP: 332.9° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	21	1.02	63.45	166.6	0.147
MMN	S	21	9.53	63.45	166.6	0.201
MMNA	P	21	2.07	71.45	155.9	-0.726
MMNA	S	21	12.63	71.45	155.9	-0.024
CET2	P	21	7.77	102.55	173.6	0.149
CET2	S	21	20.89	102.55	173.6	-0.127
ROI	P	21	10.74	116.49	146.5	0.407
ROI	S	21	25.74	116.49	146.5	0.030

66 141011 2343 57.0 - Sila Grande  
 Lat: 39.23 Lon: 16.36 Prof: 22.9 Km  
 ± 0.36 km ± 0.60 km ± 2.4 km  
 RMS: 0.42s GAP: 46.0° NR: 71

STN	PHASE	MN	SEC	DIST	AZM	RES
SCOI	P	43	2.20	11.53	304.3	0.505
SCOI	S	43	5.20	11.53	304.3	0.101
MC32	P	43	2.34	13.61	22.3	0.254
MC32	S	43	5.60	13.61	22.3	-0.178
CUP2	P	43	3.35	23.07	42.5	0.277
CUP2	S	43	7.95	23.07	42.5	0.458
SMIN	P	43	4.28	31.01	202.7	0.267
SMIN	S	43	8.26	31.01	202.7	-0.855
ROI	P	43	5.58	41.70	24.6	-0.222
ROI	S	43	11.82	41.70	24.6	-0.387
TDS	P	43	6.45	47.67	356.9	-0.010
TDS	S	43	13.20	47.67	356.9	-0.161
CET2	P	43	6.89	48.54	313.0	0.070
CET2	S	43	13.83	48.54	313.0	-0.146
VBL2	P	43	9.70	65.76	199.9	0.281
VBL2	S	43	18.30	65.76	199.9	-0.175
MMNA	P	43	10.70	72.05	345.7	-0.213
MMNA	S	43	20.78	72.05	345.7	-0.286
MMN	P	43	12.07	80.11	336.2	0.222
MMN	S	43	23.14	80.11	336.2	0.459
CNDF	P	43	20.71	143.29	198.1	-0.457
CNDF	S	43	38.75	143.29	198.1	-0.074

67 141011 2348 44.0 - Sila Grande  
 Lat: 39.23 Lon: 16.36 Prof: 27.0 Km  
 ± 0.43 km ± 0.74 km ± 2.6 km  
 RMS: 0.44s GAP: 65.5° NR: 52

STN	PHASE	MN	SEC	DIST	AZM	RES
SCOI	P	48	49.59	11.40	305.1	0.256
SCOI	S	48	52.30	11.40	305.1	-0.897
MC32	P	48	49.74	13.74	23.0	0.011
MC32	S	48	52.89	13.74	23.0	-0.993
CUP2	P	48	50.85	23.25	42.8	0.229
CUP2	S	48	55.21	23.25	42.8	-0.216
SMIN	P	48	51.76	30.88	202.4	0.317
SMIN	S	48	56.30	30.88	202.4	-0.540
ROI	P	48	53.16	41.83	24.8	-0.012
ROI	S	49	0.05	41.83	24.8	0.216
CET2	P	48	54.36	48.44	313.2	0.466
CET2	S	49	0.99	48.44	313.2	-0.101
VBL2	P	48	57.19	65.63	199.8	0.540
VBL2	S	49	5.59	65.63	199.8	-0.270
MMNA	P	48	57.93	72.06	345.9	-0.190
MMNA	S	49	8.12	72.06	345.9	-0.297
MMN	P	48	59.25	80.08	336.4	0.200
MMN	S	49	10.83	80.08	336.4	0.803
CNDF	P	49	8.53	143.17	198.1	0.822
CNDF	S	49	25.68	143.17	198.1	0.658

68 141012 0032 04.8 - Sila Grande  
 Lat: 39.23 Lon: 16.37 Prof: 23.2 Km  
 ± 0.44 km ± 0.51 km ± 1.5 km  
 RMS: 0.26s GAP: 71.7° NR: 24

STN	PHASE	MN	SEC	DIST	AZM	RES
SCOI	P	32	9.89	11.89	301.4	0.304
SCOI	S	32	13.10	11.89	301.4	0.055
MC32	P	32	10.03	13.10	20.3	0.125
MC32	S	32	13.07	13.10	20.3	-0.526
CUP2	P	32	11.05	22.43	41.9	0.202
CUP2	S	32	15.61	22.43	41.9	0.380
ROI	P	32	13.28	41.17	24.0	-0.275
ROI	S	32	19.73	41.17	24.0	-0.188
TDS	P	32	14.22	47.41	356.1	-0.038
TDS	S	32	20.90	47.41	356.1	-0.236
CET2	P	32	14.76	48.80	312.3	0.065
CET2	S	32	21.53	48.80	312.3	-0.363
VBL2	P	32	17.43	66.26	200.4	0.095
VBL2	S	32	26.41	66.26	200.4	-0.055

69 141012 1550 02.4 - Aspromonte  
 Lat: 38.14 Lon: 15.84 Prof: 11.6 Km  
 ± 0.52 km ± 0.77 km ± 1.5 km  
 RMS: 0.26s GAP: 115.8° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	50	6.09	15.96	178.0	-0.042
CNDF	S	50	9.12	15.96	178.0	0.292
TDS	P	50	27.47	173.14	14.2	4.706

70 141013 0334 46.3 - Sila Grande  
 Lat: 39.37 Lon: 16.46 Prof: 14.8 Km  
 ± 0.44 km ± 0.63 km ± 2.3 km  
 RMS: 0.40s GAP: 49.6° NR: 36

STN	PHASE	MN	SEC	DIST	AZM	RES
MC32	P	34	49.73	4.55	221.8	0.229
MC32	S	34	51.48	4.55	221.8	-0.306
CUP2	P	34	49.96	7.47	82.2	0.301
CUP2	S	34	52.17	7.47	82.2	0.110
SCOI	P	34	50.55	20.09	241.9	-0.404
SCOI	S	34	54.39	20.09	241.9	0.086
ROI	P	34	51.95	23.76	22.6	0.232
ROI	S	34	55.37	23.76	22.6	-0.256
TDS	P	34	53.25	33.40	341.2	0.264
TDS	S	34	58.24	33.40	341.2	0.418
CET2	P	34	55.27	46.92	291.4	-0.170
CET2	S	35	2.26	46.92	291.4	0.187
SMIN	P	34	55.67	48.94	204.3	0.084
SMIN	S	35	2.37	48.94	204.3	0.044
MMNA	P	34	57.57	59.78	334.3	-0.308
MMNA	S	35	5.42	59.78	334.3	-0.876
MMN	P	35	-0.36	70.18	324.8	0.434
MMN	S	35	9.46	70.18	324.8	0.866
VBL2	P	35	1.28	83.61	201.5	-0.161
VBL2	S	35	12.10	83.61	201.5	-0.366
CNDF	P	35	12.69	161.06	199.1	-0.359
CNDF	S	35	33.25	161.06	199.1	0.676

71 141013 0840 16.2 - M. Peloritani  
 Lat: 38.09 Lon: 15.10 Prof: 17.7 Km  
 ± 0.54 km ± 0.40 km ± 2.2 km  
 RMS: 0.37s GAP: 44.3° NR: 48

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	40	28.42	66.35	99.2	-0.017
CNDF	S	40	37.88	66.35	99.2	0.509
CET2	P	40	43.79	175.40	25.2	0.278
CET2	S	41	3.16	175.40	25.2	-0.321

72 141013 1133 05.7 - Stromboli  
 Lat: 38.78 Lon: 15.22 Prof: 201.4 Km  
 ± 2.73 km ± 3.41 km ± 3.2 km  
 RMS: 0.38s GAP: 156.2° NR: 26

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	33	34.66	104.38	37.8	-0.472
CET2	S	33	57.47	104.38	37.8	0.839
VBL2	P	33	34.72	78.03	99.2	0.256
VBL2	S	33	54.85	78.03	99.2	-0.621
CNDF	P	33	35.91	102.74	147.7	0.299
CNDF	S	33	57.14	102.74	147.7	-0.318

73 141013 2113 52.3 - Stretta di Catanzaro  
 Lat: 38.92 Lon: 16.66 Prof: 15.2 Km  
 ± 0.75 km ± 1.22 km ± 2.3 km  
 RMS: 0.39s GAP: 184.8° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	13	59.39	38.40	277.1	-0.474
SMIN	S	14	6.21	38.40	277.1	0.850
CUP2	P	14	1.96	51.43	348.2	-0.148
CUP2	S	14	9.10	51.43	348.2	-0.147
ROI	P	14	5.37	71.80	353.0	-0.394
ROI	S	14	15.68	71.80	353.0	0.106
CET2	P	14	9.25	90.64	317.2	0.758
CET2	S	14	19.76	90.64	317.2	-0.545

74 141013 2205 39.7 - Bacino di Paola  
 Lat: 39.13 Lon: 15.66 Prof: 98.0 Km  
 ± 1.48 km ± 2.39 km ± 3.3 km  
 RMS: 0.41s GAP: 127.7° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	05	54.95	52.00	109.9	-0.527
SMIN	S	06	6.66	52.00	109.9	-0.360
CET2	P	05	55.21	50.79	30.0	0.411
CET2	S	06	6.32	50.79	30.0	0.475
VBL2	P	05	56.20	63.80	143.0	-0.086
VBL2	S	06	8.85	63.80	143.0	0.425
ROI	P	05	59.25	92.16	58.0	0.553
ROI	S	06	13.15	92.16	58.0	0.552

**75** 141014 0050 54.1 - Stretta di Catanzaro  
 Lat: 38.90 Lon: 16.64 Prof: 10.8 Km  
 ± 0.49 km ± 1.06 km ± 2.8 km  
 RMS: 0.48s GAP: 181.0° NR: 69

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	51	1.37	36.98	281.6	0.176
SMIN	S	51	7.23	36.98	281.6	0.866
MC32	P	51	3.77	52.25	338.6	-0.118
MC32	S	51	11.27	52.25	338.6	0.239
CUP2	P	51	4.03	53.74	350.7	-0.092
CUP2	S	51	12.07	53.74	350.7	0.635
VBL2	P	51	4.42	53.33	241.1	0.471
VBL2	S	51	11.28	53.33	241.1	0.145
ROI	P	51	6.91	74.29	354.7	-0.970
ROI	S	51	17.74	74.29	354.7	-0.205
CET2	P	51	9.96	91.40	319.2	-0.651
CET2	S	51	22.02	91.40	319.2	-0.654
MMNA	P	51	14.67	113.91	338.3	-0.281
MMNA	S	51	29.93	113.91	338.3	-0.261
CNDF	P	51	14.95	121.51	214.5	-0.657
CNDF	S	51	31.40	121.51	214.5	0.072
MMN	P	51	15.68	123.11	332.7	-0.276
MMN	S	51	31.40	123.11	332.7	-0.532

**76** 141014 0134 06.4 - Presila nord-or.  
 Lat: 39.39 Lon: 17.13 Prof: 58.4 Km  
 ± 1.19 km ± 2.37 km ± 4.0 km  
 RMS: 0.50s GAP: 214.3° NR: 38

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	34	17.63	50.94	268.0	-0.574
CUP2	S	34	25.92	50.94	268.0	-0.872
ROI	P	34	18.11	52.75	291.2	-0.310
ROI	S	34	26.45	52.75	291.2	-0.717
TDS	P	34	20.42	74.86	292.6	-0.298
SMIN	P	34	22.76	91.70	238.8	0.058
SMIN	S	34	33.68	91.70	238.8	-0.902
CET2	P	34	23.82	103.00	278.0	0.722
CET2	S	34	36.01	103.00	278.0	0.742
VBL2	P	34	26.51	120.06	227.8	0.385
VBL2	S	34	40.62	120.06	227.8	0.108

**77** 141015 2122 07.7 - Alto Tirreno Cosentino  
 Lat: 39.82 Lon: 16.23 Prof: 8.1 Km  
 ± 0.95 km ± 0.81 km ± 1.9 km  
 RMS: 0.32s GAP: 156.7° NR: 9

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	22	12.28	22.03	289.1	-0.071
MMN	S	22	15.45	22.03	289.1	-0.251
CET2	P	22	15.84	40.82	216.1	0.144
CET2	S	22	20.80	40.82	216.1	-0.695