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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**

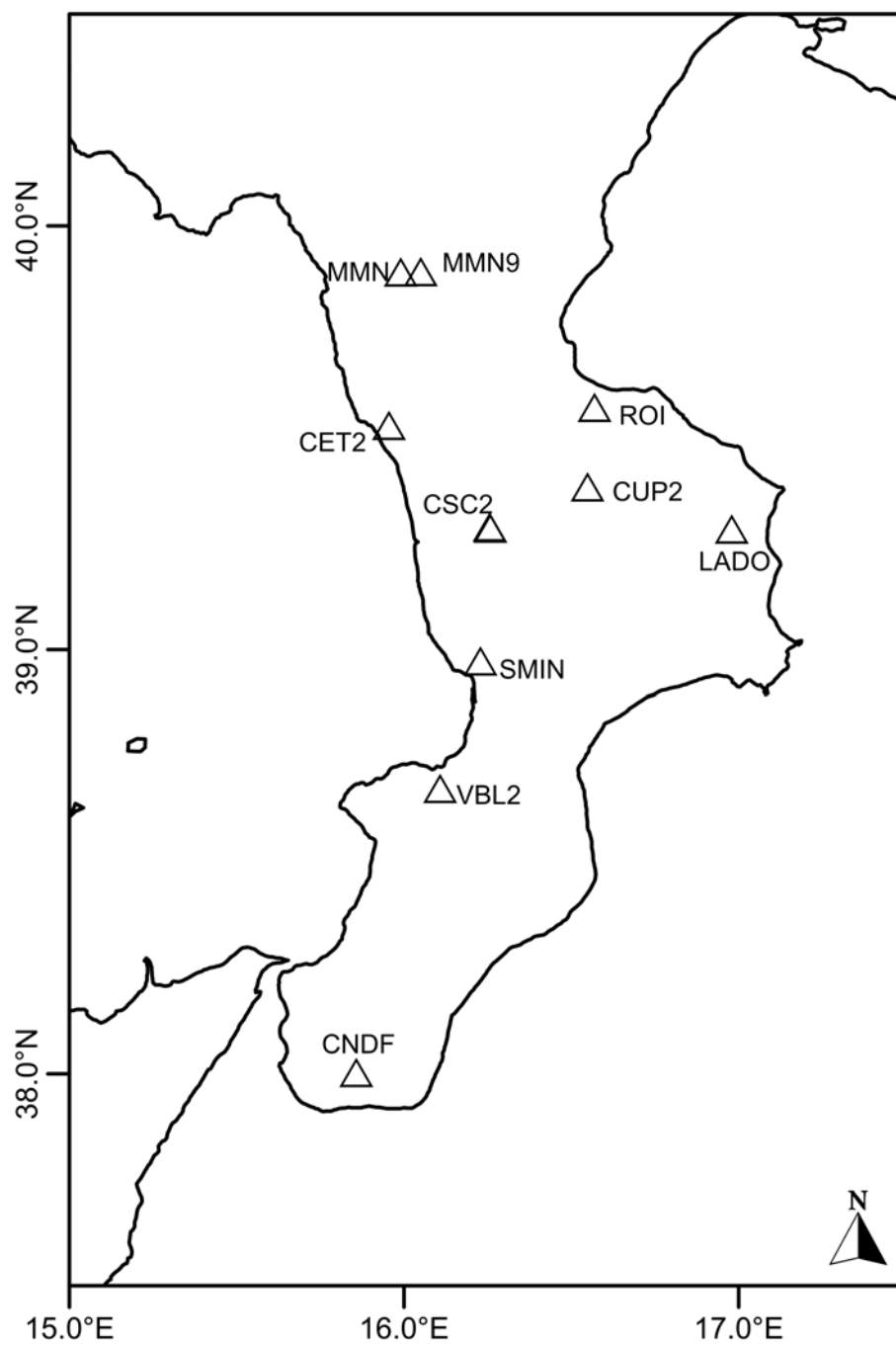
**E**

**DELLE AREE CIRCOSTANTI**

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

Periodo 16-30 Aprile 2014

Distribuzione delle stazioni della Rete Sismica UniCal – Pon MASSIMO



## Toponomastica delle aree epicentrali



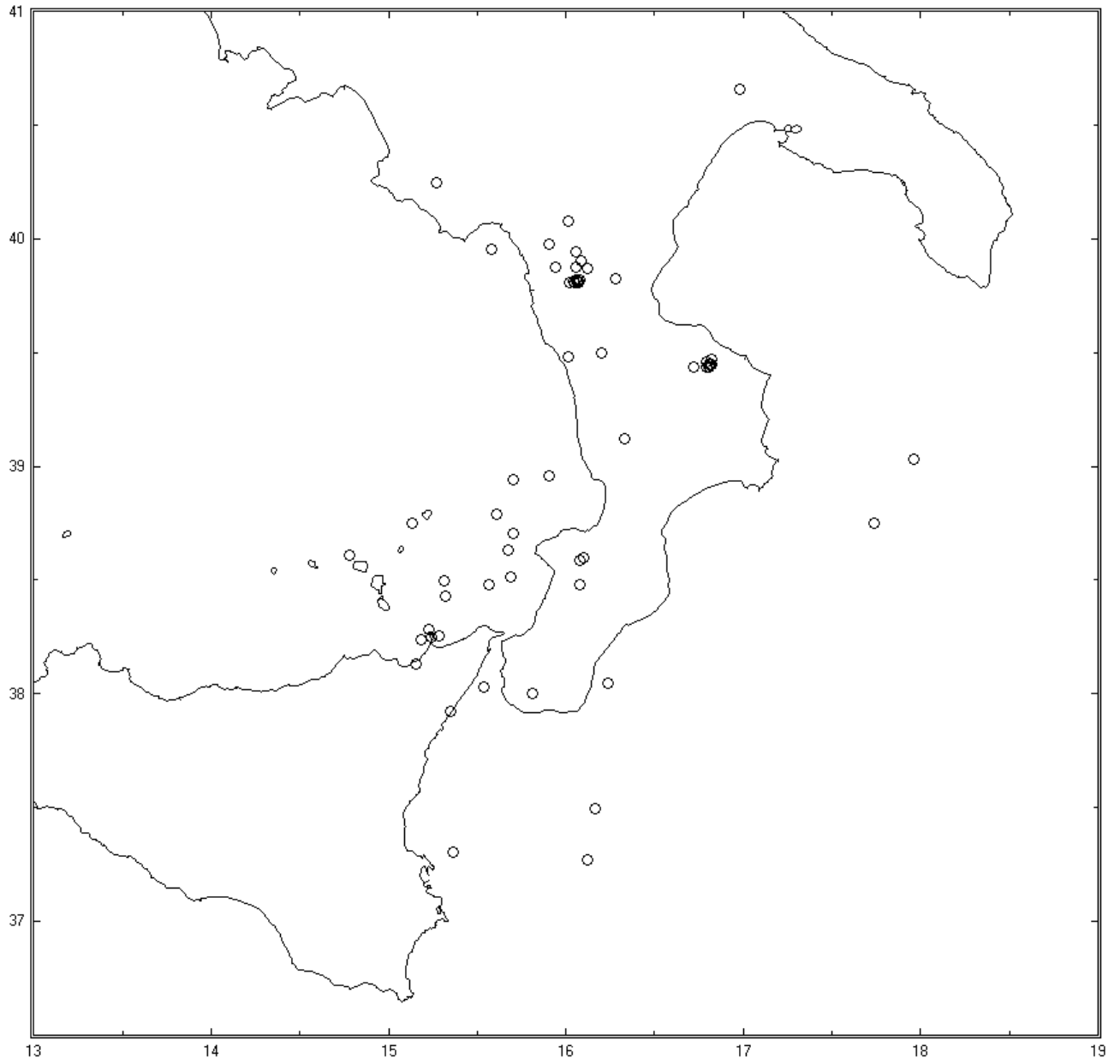
<b>1</b> Murge	<b>19</b> Piana di Sibari	<b>37</b> Offshore Punta Stilo	<b>55</b> Milazzo
<b>2</b> Penisola Salentina	<b>20</b> Valle dell'Esaro	<b>38</b> Punta Stilo	<b>56</b> Monti Peloritani
<b>3</b> Piana del Bradano e del Basento	<b>21</b> Catena del Pollino	<b>39</b> Serre centro-settentrionali	<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
140416	1019	2.3	37.9223	15.3531	0.0	1.8	0.96	0.57	1.22	12	209	0.27	0.16
140417	1705	43.5	39.4808	16.0114	32.1	1.8	0.50	0.86	1.80	17	104	0.23	0.06
140417	1840	37.8	39.4347	16.8086	28.2	2.0	1.36	1.21	2.56	19	132	0.39	0.16
140417	1856	48.7	39.4500	16.8116	29.4	1.9	1.03	1.03	1.94	16	136	0.30	0.13
140417	2152	25.8	38.2507	15.2423	14.5	1.5	0.60	0.48	2.60	51	40	0.45	0.07
140417	2230	10.2	38.4960	15.3155	135.3	2.4	2.90	2.22	2.56	17	190	0.32	0.14
140418	0013	3.7	38.0284	15.5373	9.6	1.5	0.46	0.23	0.97	17	154	0.17	0.05
140418	0040	32.6	39.4597	16.7961	25.7	2.1	0.88	0.82	2.13	22	109	0.33	0.12
140418	0044	12.9	39.4363	16.7953	26.9	1.6	0.87	1.09	1.51	9	118	0.23	0.11
140418	0139	35.2	39.4476	16.8184	28.5	1.3	1.11	1.01	1.59	11	145	0.24	0.12
140418	0220	0.4	39.1189	16.3321	16.6	1.7	0.39	0.44	1.47	23	110	0.25	0.06
140418	1444	41.3	39.4507	16.8104	26.1	1.7	0.65	0.75	1.18	11	166	0.18	0.10
140418	1621	29.2	39.4698	16.8235	20.9	1.3	0.87	0.53	0.75	7	164	0.13	0.13
140419	0101	22.8	39.9025	16.0887	5.6	1.1	0.44	0.43	1.12	15	84	0.25	0.07
140420	0528	5.4	39.8739	15.9396	26.0		3.41	10.81	3.25	6	248	0.56	0.59
140420	1310	51.8	38.4273	15.3213	127.9	2.4	1.52	1.76	3.04	37	122	0.38	0.09
140420	2205	51.6	39.8276	16.2818	10.2	1.6	1.28	1.16	2.63	12	175	0.45	0.17
140421	0006	0.8	37.2702	16.1231	15.3	2.3	1.02	1.39	2.05	28	241	0.35	0.23
140421	0157	58.5	38.0451	16.2384	40.4	2.6	1.18	1.75	4.15	47	191	0.53	0.17
140421	1031	56.0	37.4933	16.1669	37.0	2.6	1.25	1.85	3.46	31	227	0.44	0.23
140422	0219	43.8	38.5885	16.0818	19.0	2.0	0.44	0.68	2.06	36	77	0.36	0.06
140422	0227	30.2	38.5973	16.0997	17.3	1.9	0.58	0.74	1.84	15	79	0.32	0.09
140422	1126	9.5	39.8141	16.0686	8.9	1.2	0.56	0.84	2.15	18	115	0.37	0.10
140422	1218	18.1	39.8144	16.0454	9.6	0.6	0.55	0.74	1.73	13	121	0.30	0.08
140422	1238	38.7	39.8206	16.0585	11.2	1.0	0.76	1.04	2.12	12	117	0.37	0.11
140422	1242	6.3	40.0795	16.0147	22.7		1.41	2.84	0.65	5	346	0.11	0.22
140422	1252	43.9	39.8058	16.0203	2.3	1.0	0.34	0.61	0.86	11	129	0.19	0.07
140422	1254	16.6	39.8118	16.0604	9.4	1.2	0.50	0.87	1.81	16	113	0.31	0.09
140422	1319	2.4	39.8180	16.0805	8.1	1.4	1.13	0.96	2.52	14	124	0.44	0.17
140422	1339	29.5	39.8078	16.0689	11.7	1.0	0.76	1.02	2.30	13	116	0.40	0.12
140422	1349	42.2	39.8083	16.0509	11.0	1.5	0.42	0.68	1.48	16	115	0.25	0.07
140422	2310	33.1	39.4370	16.7200	20.6	1.2	0.96	1.45	2.91	15	137	0.50	0.16
140423	0130	46.5	38.7495	15.1331	105.0	2.6	1.26	2.15	4.58	56	197	0.57	0.21
140423	1454	14.9	38.9600	15.9047	52.0	2.2	0.57	1.21	2.91	36	109	0.37	0.08
140423	2009	59.0	38.1319	15.1572	11.0	2.5	0.67	0.48	2.01	23	83	0.35	0.08
140423	2035	55.5	38.6091	14.7786	5.0	3.1	0.52	0.48	1.52	36	115	0.34	0.07
140424	0656	39.4	38.7030	15.7013	156.6	2.7	1.61	2.58	3.38	27	148	0.41	0.11
140424	1026	21.9	38.4776	16.0803	16.5	1.9	0.45	0.69	1.92	25	87	0.33	0.07
140424	1103	2.7	39.9785	15.9038	8.5	1.9	0.60	0.68	2.24	24	107	0.39	0.09
140424	1606	19.0	39.4963	16.2025	3.5	1.4	0.70	0.50	0.99	7	153	0.17	0.07
140425	0112	24.8	38.2405	15.1822	16.5	1.4	0.93	0.81	1.95	16	159	0.34	0.12
140425	0618	4.2	39.9411	16.0534	9.5	1.9	0.59	0.76	2.16	20	72	0.37	0.09
140425	0653	45.6	38.4824	15.5627	135.1	2.4	1.25	1.88	3.06	36	133	0.37	0.07
140425	1848	12.1	38.2562	15.2852	117.1	2.1	1.77	2.14	3.51	32	133	0.44	0.11
140425	2340	43.2	39.0300	17.9578	22.7	2.2	1.97	2.53	3.48	23	214	0.53	0.36
140426	1242	52.6	39.9564	15.5822	299.9	3.1	2.88	4.91	4.40	37	134	0.51	0.16
140426	1359	24.3	38.6312	15.6741	92.0	1.9	1.90	2.46	2.68	19	158	0.33	0.09
140427	0301	20.2	38.9403	15.7052	169.1	2.3	2.47	9.85	3.38	12	205	0.41	0.25
140427	0552	36.6	38.7884	15.6062	90.4	1.9	2.07	3.89	4.49	14	107	0.56	0.17
140427	0649	38.2	38.5159	15.6864	134.0	2.0	3.17	3.13	2.27	9	197	0.27	0.16
140427	0914	6.1	40.6589	16.9823	5.2	2.4	0.42	0.40	1.60	43	70	0.36	0.06
140427	2305	11.3	38.2851	15.2284	122.8	2.5	1.62	2.53	3.69	30	98	0.46	0.13
140428	0420	30.1	38.0006	15.8111	14.1	1.5	0.35	0.31	0.77	16	163	0.13	0.05
140429	2309	16.5	39.8690	16.1198	4.5	1.2	0.62	0.51	1.41	12	103	0.31	0.10
140430	0313	40.7	39.8767	16.0543	4.4	1.3	1.70	1.35	2.35	8	114	0.40	0.17
140430	0404	52.4	38.7523	17.7352	82.9	1.9	2.99	4.94	4.93	15	291	0.62	0.61

<b>Data</b>	<b>Orario</b>		<b>Lat N</b>	<b>LON E</b>	<b>H<sub>0</sub></b>	<b>m</b>	<b>δlat</b>	<b>δlon</b>	<b>δH<sub>0</sub></b>	<b>nr</b>	<b>GAP</b>	<b>sqm</b>	<b>δT<sub>0</sub></b>
aammgg	hhmm	ss.s	°	°	km		km	km	km		°	sec	sec
140430	1309	39.2	40.2492	15.2714	5.0	1.9	0.51	0.86	1.16	16	201	0.26	0.13
140430	1808	5.1	37.3023	15.3634	10.1	2.6	0.72	0.96	2.70	42	165	0.47	0.14

Epicentri localizzati nel periodo di riferimento



# **BOLLETTINO**

1 140416 1019 02.3 - M. Peloritani  
Lat: 37.92 Lon: 15.35 Prof: 0.0 Km  
± 0.96 km ± 0.57 km ± 1.2 km  
RMS: 0.27s GAP: 209.4° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	19	10.78	45.19	78.9	-0.191
CNDF	S	19	17.73	45.19	78.9	0.397

2 140417 1705 43.4 - Catena Costiera  
Lat: 39.48 Lon: 16.01 Prof: 32.1 Km  
± 0.50 km ± 0.86 km ± 1.8 km  
RMS: 0.23s GAP: 104.4° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	05	49.05	7.22	317.6	0.235
CET2	S	05	52.43	7.22	317.6	-0.295
CUP2	P	05	52.77	47.46	103.1	-0.104
CUP2	S	06	-0.07	47.46	103.1	0.181
MMN	P	05	52.85	45.55	357.9	0.184
MMN	S	05	59.29	45.55	357.9	-0.099
SMIN	P	05	54.67	59.41	161.7	0.225
SMIN	S	06	2.18	59.41	161.7	-0.298

3 140417 1840 37.8 - Presila nord-or.  
Lat: 39.43 Lon: 16.80 Prof: 28.2 Km  
± 1.36 km ± 1.21 km ± 2.6 km  
RMS: 0.39s GAP: 132.3° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	40	44.17	22.28	138.3	0.012
LADO	S	40	48.70	22.28	138.3	-0.099
CUP2	P	40	44.39	23.14	255.5	-0.016
CUP2	S	40	49.80	23.14	255.5	0.566
CET2	P	40	50.87	74.21	278.0	0.255
CET2	S	41	0.76	74.21	278.0	0.779

4 140417 1856 48.7 - Presila nord-or.  
Lat: 39.45 Lon: 16.81 Prof: 29.4 Km  
± 1.03 km ± 1.03 km ± 1.9 km  
RMS: 0.30s GAP: 136.5° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	56	55.40	23.42	141.5	0.078
LADO	S	56	59.39	23.42	141.5	-0.759
CUP2	P	56	55.64	23.86	251.7	0.116
CUP2	S	57	0.84	23.86	251.7	0.332

5 140417 2152 25.8 - Milazzo  
Lat: 38.25 Lon: 15.24 Prof: 14.5 Km  
± 0.60 km ± 0.48 km ± 2.6 km  
RMS: 0.45s GAP: 40.9° NR: 51

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	52	36.66	60.51	117.4	-0.274
CNDF	S	52	44.52	60.51	117.4	-0.553
VBL2	P	52	42.21	88.95	58.5	0.420
VBL2	S	52	53.52	88.95	58.5	0.036
SMIN	P	52	45.69	117.47	47.3	-0.993
SMIN	S	53	2.38	117.47	47.3	0.419
CET2	P	52	49.95	154.75	23.9	-0.270
CET2	S	53	8.23	154.75	23.9	0.141

6 140417 2230 10.2 - Canyon di Stromboli  
Lat: 38.49 Lon: 15.31 Prof: 135.3 Km  
± 2.90 km ± 2.22 km ± 2.6 km  
RMS: 0.32s GAP: 190.2° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	30	31.24	72.38	139.5	0.068
CNDF	S	30	46.38	72.38	139.5	-0.140

7 140418 0013 03.7 - Stretto di Messina  
Lat: 38.02 Lon: 15.53 Prof: 9.6 Km  
± 0.46 km ± 0.23 km ± 1.0 km  
RMS: 0.17s GAP: 154.8° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	13	9.35	28.23	96.0	0.048
CNDF	S	13	13.47	28.23	96.0	0.097

8 140418 0040 32.5 - Presila nord-or.  
Lat: 39.45 Lon: 16.79 Prof: 25.7 Km  
± 0.88 km ± 0.82 km ± 2.1 km  
RMS: 0.33s GAP: 109.0° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	40	38.85	25.09	140.6	-0.128
LADO	S	40	43.27	25.09	140.6	-0.393
CUP2	P	40	39.07	22.96	248.1	0.193
CUP2	S	40	42.91	22.96	248.1	-0.577
SCOI	P	40	42.23	50.20	247.7	-0.269
SCOI	S	40	49.83	50.20	247.7	0.074
CSC2	P	40	42.27	50.21	247.3	-0.237
CSC2	S	40	49.82	50.21	247.3	0.041
CET2	P	40	45.75	72.79	276.0	0.397
SMIN	P	40	46.57	72.97	222.1	0.470
SMIN	S	40	56.60	72.97	222.1	0.604

9 140418 0044 12.8 - Presila nord-or.  
Lat: 39.43 Lon: 16.79 Prof: 26.9 Km  
± 0.87 km ± 1.09 km ± 1.5 km  
RMS: 0.23s GAP: 118.7° NR: 9

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	44	19.04	23.18	136.4	-0.135

10 140418 0139 35.1 - Presila nord-or.  
Lat: 39.44 Lon: 16.81 Prof: 28.5 Km  
± 1.11 km ± 1.01 km ± 1.6 km  
RMS: 0.24s GAP: 145.6° NR: 11

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	39	41.22	22.85	142.2	-0.388
CUP2	P	39	41.95	24.33	252.7	0.026
CUP2	S	39	46.90	24.33	252.7	0.036

11 140418 0220 00.4 - Amantea - M.Reventino  
Lat: 39.11 Lon: 16.33 Prof: 16.6 Km  
± 0.39 km ± 0.44 km ± 1.5 km  
RMS: 0.25s GAP: 110.1° NR: 23

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	20	5.24	18.52	209.0	0.200
SMIN	S	20	8.18	18.52	209.0	-0.229
SCOI	P	20	5.41	20.01	340.9	0.221
SCOI	S	20	8.70	20.01	340.9	0.038
CSC2	P	20	5.42	19.66	340.9	0.271
CSC2	S	20	8.86	19.66	340.9	0.269
CUP2	P	20	7.60	34.79	32.3	0.059
CUP2	S	20	12.92	34.79	32.3	0.183
CET2	P	20	10.78	55.95	324.5	-0.313
CET2	S	20	18.21	55.95	324.5	-0.683
LADO	P	20	11.41	58.83	71.6	0.048
LADO	S	20	19.29	58.83	71.6	-0.063

12 140418 1444 41.3 - Presila nord-or.  
Lat: 39.45 Lon: 16.81 Prof: 26.1 Km  
± 0.65 km ± 0.75 km ± 1.2 km  
RMS: 0.18s GAP: 166.6° NR: 11

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	44	47.58	23.55	141.4	-0.017
LADO	S	44	52.00	23.55	141.4	-0.176
ROI	P	44	47.90	24.71	302.7	-0.019
ROI	S	44	52.74	24.71	302.7	0.008

13 140418 1621 29.1 - Presila nord-or.  
Lat: 39.46 Lon: 16.82 Prof: 20.9 Km  
± 0.87 km ± 0.53 km ± 0.8 km  
RMS: 0.13s GAP: 164.0° NR: 7

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	21	35.14	24.61	146.5	0.121
LADO	S	21	39.17	24.61	146.5	-0.136

14 140419 0101 22.7 - Alto Tirreno Cosentino  
Lat: 39.90 Lon: 16.08 Prof: 5.6 Km  
± 0.44 km ± 0.43 km ± 1.1 km  
RMS: 0.25s GAP: 84.1° NR: 15



STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	01	24.08	3.48	250.4	-0.351
MMN9	S	01	25.99	3.48	250.4	0.335
MMN	P	01	25.05	8.48	261.4	-0.087
MMN	S	01	26.81	8.48	261.4	-0.064
CET2	P	01	31.20	43.05	195.6	-0.175

15 140420 0528 05.4 - Alto Tirreno Cosentino  
 Lat: 39.87 Lon: 15.93 Prof: 26.0 Km  
 ± 3.41 km ±10.81 km ± 3.2 km  
 RMS: 0.56s GAP: 248.6° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	28	10.08	9.68	78.3	-0.533
MMN9	S	28	15.01	9.68	78.3	0.613
MMN	P	28	10.60	4.75	66.9	0.247
MMN	S	28	13.66	4.75	66.9	-0.280
CET2	P	28	14.19	38.34	178.3	0.283
CET2	S	28	19.77	38.34	178.3	-0.326

16 140420 1311 51.7 - Canyon di Stromboli  
 Lat: 38.42 Lon: 15.32 Prof: 127.9 Km  
 ± 1.52 km ± 1.76 km ± 3.0 km  
 RMS: 0.38s GAP: 122.9° NR: 37

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	11	11.73	66.47	135.5	0.186
VBL2	P	11	12.11	73.82	68.6	-0.137
VBL2	S	11	27.75	73.82	68.6	0.507
SMIN	P	11	13.87	99.45	52.8	-0.332
SMIN	S	11	30.43	99.45	52.8	-0.199
CET2	P	11	17.34	134.02	24.5	0.899

17 140420 2205 51.5 - Catena del Pollino  
 Lat: 39.82 Lon: 16.28 Prof: 10.2 Km  
 ± 1.28 km ± 1.16 km ± 2.6 km  
 RMS: 0.45s GAP: 175.5° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	05	55.47	21.05	289.9	-0.646
MMN9	S	06	-0.28	21.05	289.9	0.271
MMN	P	05	56.45	25.89	285.8	-0.407
MMN	S	06	1.72	25.89	285.8	0.981
CET2	P	06	0.27	43.46	220.3	0.300
CET2	S	06	5.96	43.46	220.3	-0.169

18 140421 0006 00.8 - Piana bat. ionica  
 Lat: 37.27 Lon: 16.12 Prof: 15.3 Km  
 ± 1.02 km ± 1.39 km ± 2.0 km  
 RMS: 0.35s GAP: 241.4° NR: 28

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	06	16.34	84.67	344.1	0.205
CNDF	S	06	27.42	84.67	344.1	0.090

19 140421 0158 58.4 - Offshore Locride  
 Lat: 38.04 Lon: 16.23 Prof: 40.4 Km  
 ± 1.18 km ± 1.75 km ± 4.2 km  
 RMS: 0.53s GAP: 191.1° NR: 47

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	58	7.27	33.79	262.2	0.026
CNDF	S	58	14.08	33.79	262.2	0.432
VBL2	P	58	12.12	70.70	350.8	0.255
VBL2	S	58	21.52	70.70	350.8	-0.136
SMIN	P	58	15.10	102.99	359.5	-0.986
SMIN	S	58	29.23	102.99	359.5	0.260
CSC2	P	58	21.11	137.79	0.7	0.553
CSC2	S	58	36.74	137.79	0.7	0.034
SCOI	P	58	21.27	138.11	0.6	0.678
SCOI	S	58	37.23	138.11	0.6	0.459
LADO	P	58	21.79	151.88	24.9	-0.048
CUP2	P	58	22.76	150.98	10.2	0.733
CUP2	S	58	39.48	150.98	10.2	0.225
ROI	P	58	24.48	171.89	9.5	-0.304
ROI	S	58	43.31	171.89	9.5	-0.719

20 140421 1032 55.9 - Piana bat. ionica  
 Lat: 37.49 Lon: 16.16 Prof: 37.0 Km  
 ± 1.25 km ± 1.85 km ± 3.5 km  
 RMS: 0.44s GAP: 227.6° NR: 31

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	32	8.42	62.84	334.4	0.495
CNDF	S	32	16.00	62.84	334.4	-0.692
SMIN	P	32	21.14	164.33	1.9	-0.294
SMIN	S	32	39.37	164.33	1.9	-0.717

21 140422 0219 43.8 - Valle del Mesima  
 Lat: 38.58 Lon: 16.08 Prof: 19.0 Km  
 ± 0.44 km ± 0.68 km ± 2.1 km  
 RMS: 0.36s GAP: 77.2° NR: 36

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	19	48.04	9.73	13.6	0.289
VBL2	S	19	50.58	9.73	13.6	-0.070
SMIN	P	19	52.48	44.53	16.6	-0.021
SMIN	S	19	58.47	44.53	16.6	-0.406
CNDF	P	19	56.63	67.87	197.0	0.322
CNDF	S	20	6.33	67.87	197.0	0.858
CSC2	P	19	58.00	78.95	11.2	-0.168
CSC2	S	20	8.58	78.95	11.2	-0.114
SCOI	P	19	58.54	79.25	11.1	0.326
SCOI	S	20	9.53	79.25	11.1	0.762
CET2	P	20	2.04	104.96	354.1	0.097
CET2	S	20	15.33	104.96	354.1	0.097

22 140422 0227 30.2 - Valle del Mesima  
 Lat: 38.59 Lon: 16.09 Prof: 17.3 Km  
 ± 0.58 km ± 0.74 km ± 1.8 km  
 RMS: 0.32s GAP: 79.8° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	27	34.13	8.52	4.9	0.322
VBL2	S	27	36.81	8.52	4.9	0.363
CNDF	P	27	42.80	69.26	198.0	-0.087
CNDF	S	27	51.99	69.26	198.0	-0.176
CSC2	P	27	44.38	77.71	10.2	0.066
CSC2	S	27	54.54	77.71	10.2	-0.100
CET2	P	27	48.76	104.17	353.2	0.353
CET2	S	28	1.45	104.17	353.2	-0.279

23 140422 1126 09.5 - Alto Tirreno Cosentino  
 Lat: 39.81 Lon: 16.06 Prof: 8.9 Km  
 ± 0.56 km ± 0.84 km ± 2.1 km  
 RMS: 0.37s GAP: 115.5° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	26	12.30	8.77	349.8	0.105
MMN9	S	26	14.03	8.77	349.8	-0.112
MMN	P	26	12.37	10.82	322.1	-0.064
MMN	S	26	14.29	10.82	322.1	-0.270
CET2	P	26	16.14	33.15	197.3	-0.031
CET2	S	26	20.71	33.15	197.3	-0.319

24 140422 1218 18.1 - Alto Tirreno Cosentino  
 Lat: 39.81 Lon: 16.04 Prof: 9.6 Km  
 ± 0.55 km ± 0.74 km ± 1.7 km  
 RMS: 0.30s GAP: 121.6° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	18	20.69	8.61	2.9	-0.029
MMN9	S	18	22.95	8.61	2.9	0.316
MMN	P	18	20.89	9.70	331.2	0.068
MMN	S	18	22.51	9.70	331.2	-0.293
CET2	P	18	24.63	32.65	194.0	0.065
CET2	S	18	28.90	32.65	194.0	-0.387

25 140422 1238 38.6 - Alto Tirreno Cosentino  
 Lat: 39.82 Lon: 16.05 Prof: 11.2 Km  
 ± 0.76 km ± 1.04 km ± 2.1 km  
 RMS: 0.37s GAP: 117.4° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	38	40.87	9.72	323.4	-0.735
MMN	S	38	43.77	9.72	323.4	0.034
MMN9	P	38	41.68	7.94	355.1	0.235

MMN9 S 38 43.84 7.94 355.1 0.379  
CET2 P 38 45.56 33.60 195.5 0.190  
CET2 S 38 49.90 33.60 195.5 -0.353

CET2 P 49 48.79 32.11 195.1 0.168  
CET2 S 49 53.20 32.11 195.1 -0.115

**26** 140422 1242 06.2 - Vallo di Diano  
Lat: 40.07 Lon: 16.01 Prof: 22.7 Km  
± 1.41 km ± 2.84 km ± 0.7 km  
RMS: 0.11s GAP: 346.1° NR: 5

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	42	11.98	21.05	171.8	-0.013
MMN9	S	42	16.21	21.05	171.8	0.029
MMN	P	42	12.03	21.04	185.8	0.067
MMN	S	42	16.21	21.04	185.8	0.082
CET2	P	42	17.94	61.35	185.0	-0.107

**32** 140422 2310 33.1 - Sila Grande  
Lat: 39.43 Lon: 16.72 Prof: 20.6 Km  
± 0.96 km ± 1.45 km ± 2.9 km  
RMS: 0.50s GAP: 137.5° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
ROI	P	10	38.17	19.80	318.8	-0.335
ROI	S	10	42.98	19.80	318.8	0.538
LADO	P	10	39.36	28.07	126.9	-0.072
LADO	S	10	44.70	28.07	126.9	0.656
SMIN	P	10	46.20	66.77	219.4	0.641
SMIN	S	10	54.85	66.77	219.4	0.186

**27** 140422 1252 43.8 - Alto Tirreno Cosentino  
Lat: 39.80 Lon: 16.02 Prof: 2.3 Km  
± 0.34 km ± 0.61 km ± 0.9 km  
RMS: 0.19s GAP: 129.7° NR: 11

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	52	46.07	9.89	15.2	-0.125
MMN9	S	52	47.66	9.89	15.2	-0.238
MMN	P	52	46.25	9.77	345.1	0.090
MMN	S	52	47.84	9.77	345.1	0.007
CET2	P	52	49.95	31.26	190.6	-0.165

**33** 140423 0131 46.4 - Stromboli  
Lat: 38.74 Lon: 15.13 Prof: 105.0 Km  
± 1.26 km ± 2.15 km ± 4.6 km  
RMS: 0.57s GAP: 197.6° NR: 56

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	31	5.61	98.23	75.7	-0.598
SMIN	S	31	21.36	98.23	75.7	0.331
CNDF	P	31	6.47	104.24	143.1	-0.028
CNDF	S	31	22.34	104.24	143.1	0.813
CSC2	P	31	7.23	114.19	58.9	-0.469
CSC2	S	31	23.91	114.19	58.9	0.308
SCOI	P	31	7.26	114.26	58.7	-0.438
SCOI	S	31	24.01	114.26	58.7	0.406
CUP2	P	31	10.06	141.24	60.4	-0.349
CUP2	S	31	28.31	141.24	60.4	0.005
ROI	P	31	11.13	154.08	53.9	-0.742
ROI	S	31	30.78	154.08	53.9	-0.055
MMN	P	31	11.33	146.71	30.7	0.113
MMN	S	31	28.82	146.71	30.7	-0.878
MMN9	P	31	11.38	149.47	32.4	-0.168
MMN9	S	31	31.08	149.47	32.4	0.806

**28** 140422 1254 16.6 - Alto Tirreno Cosentino  
Lat: 39.81 Lon: 16.06 Prof: 9.4 Km  
± 0.50 km ± 0.87 km ± 1.8 km  
RMS: 0.31s GAP: 113.5° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	54	19.21	8.93	354.6	-0.018
MMN9	S	54	21.11	8.93	354.6	-0.037
MMN	P	54	19.42	10.61	325.9	0.008
MMN	S	54	21.40	10.61	325.9	-0.064
CET2	P	54	23.04	32.70	196.3	-0.023
CET2	S	54	27.50	32.70	196.3	-0.286
CET2	P	54	23.05	32.70	196.3	-0.011
CET2	S	54	27.52	32.70	196.3	-0.263

**34** 140423 1454 14.9 - Bacino di Paola  
Lat: 38.96 Lon: 15.90 Prof: 52.0 Km  
± 0.57 km ± 1.21 km ± 2.9 km  
RMS: 0.37s GAP: 109.4° NR: 36

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	54	23.93	28.07	87.2	-0.168
SMIN	S	54	30.36	28.07	87.2	-0.454
VBL2	P	54	24.71	36.34	151.1	-0.031
VBL2	S	54	31.42	36.34	151.1	-0.506
SCOI	P	54	25.47	47.55	39.9	-0.279
SCOI	S	54	33.73	47.55	39.9	0.059
CSC2	P	54	25.70	47.38	40.2	-0.038
CSC2	S	54	33.37	47.38	40.2	-0.281
CET2	P	54	27.75	63.29	4.1	0.899
CET2	S	54	35.52	63.29	4.1	-0.057
ROI	P	54	30.65	88.89	40.2	0.108
ROI	S	54	42.73	88.89	40.2	0.763
CNDF	P	54	32.37	106.28	182.5	-0.084
CNDF	S	54	45.41	106.28	182.5	0.130

**29** 140422 1319 02.3 - Alto Tirreno Cosentino  
Lat: 39.81 Lon: 16.08 Prof: 8.1 Km  
± 1.13 km ± 0.96 km ± 2.5 km  
RMS: 0.44s GAP: 124.9° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	19	5.01	8.59	342.6	0.087
MMN9	S	19	7.12	8.59	342.6	0.321
MMN	P	19	5.05	11.16	316.5	-0.196
MMN	S	19	7.22	11.16	316.5	-0.140
CET2	P	19	8.85	33.88	198.7	-0.256

**30** 140422 1339 29.5 - Alto Tirreno Cosentino  
Lat: 39.80 Lon: 16.06 Prof: 11.7 Km  
± 0.76 km ± 1.02 km ± 2.3 km  
RMS: 0.40s GAP: 116.1° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	39	32.30	11.40	324.2	-0.495
MMN	S	39	34.82	11.40	324.2	-0.354
MMN9	P	39	32.37	9.47	350.5	-0.230
MMN9	S	39	35.73	9.47	350.5	0.893
CET2	P	39	36.40	32.48	197.7	0.246
CET2	S	39	40.70	32.48	197.7	-0.291

**35** 140423 2010 58.9 - Milazzo  
Lat: 38.13 Lon: 15.15 Prof: 11.0 Km  
± 0.67 km ± 0.48 km ± 2.0 km  
RMS: 0.35s GAP: 83.5° NR: 23

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	10	10.31	63.06	103.5	-0.113
CNDF	S	10	19.26	63.06	103.5	0.459
VBL2	P	10	17.25	102.54	54.5	0.031
VBL2	S	10	29.80	102.54	54.5	-0.759

**31** 140422 1349 42.2 - Alto Tirreno Cosentino  
Lat: 39.80 Lon: 16.05 Prof: 11.0 Km  
± 0.42 km ± 0.68 km ± 1.5 km  
RMS: 0.25s GAP: 115.5° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	49	44.86	9.28	359.8	-0.211
MMN9	S	49	47.79	9.28	359.8	0.626
MMN	P	49	44.96	10.52	330.8	-0.224
MMN	S	49	47.14	10.52	330.8	-0.221
CET2	P	49	48.78	32.11	195.1	0.161
CET2	S	49	53.21	32.11	195.1	-0.108

**36** 140423 2035 55.4 - Salina  
Lat: 38.60 Lon: 14.77 Prof: 5.0 Km  
± 0.52 km ± 0.48 km ± 1.5 km  
RMS: 0.34s GAP: 115.0° NR: 36

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	36	15.45	115.86	126.1	-0.057
CNDF	S	36	30.84	115.86	126.1	0.657
VBL2	P	36	15.99	115.95	87.0	0.029

VBL2	S	36	30.45	115.95	87.0	-0.517
SMIN	P	36	17.97	132.25	72.7	-0.160
SMIN	S	36	34.41	132.25	72.7	-0.309
CSC2	P	36	19.75	148.64	60.1	-0.480
CSC2	S	36	38.18	148.64	60.1	-0.182
<b>37</b> 140424 0657 39.4 - Bacino di Gioia						
Lat:	38.70	Lon:	15.70	Prof:	156.6	Km
	± 1.61 km		± 2.58 km		± 3.4 km	
RMS:	0.41s	GAP:	148.5°	NR:	27	
STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	57	3.24	78.85	170.3	0.256
CNDF	S	57	21.09	78.85	170.3	0.870
CET2	P	57	3.83	94.26	13.7	0.413
CET2	S	57	21.71	94.26	13.7	0.748
LADO	P	57	6.27	128.13	59.7	-0.124
LADO	S	57	25.33	128.13	59.7	-0.798
ROI	P	57	6.63	122.20	37.9	0.474
ROI	S	57	25.24	122.20	37.9	-0.475
<b>38</b> 140424 1026 21.8 - Piana di Gioia						
Lat:	38.47	Lon:	16.08	Prof:	16.5	Km
	± 0.45 km		± 0.69 km		± 1.9 km	
RMS:	0.33s	GAP:	87.3°	NR:	25	
STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	26	27.19	21.90	6.4	0.265
VBL2	S	26	30.59	21.90	6.4	-0.027
CNDF	P	26	32.72	56.16	200.5	0.379
CNDF	S	26	40.17	56.16	200.5	0.179
SMIN	P	26	32.94	56.46	13.2	0.516
SMIN	S	26	40.43	56.46	13.2	0.296
<b>39</b> 140424 1103 02.6 - Maratea - Rotonda						
Lat:	39.97	Lon:	15.90	Prof:	8.5	Km
	± 0.60 km		± 0.68 km		± 2.2 km	
RMS:	0.39s	GAP:	107.8°	NR:	24	
STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	03	5.65	12.23	142.8	0.026
MMN	S	03	7.72	12.23	142.8	-0.052
MMN9	P	03	6.14	15.79	127.7	-0.048
MMN9	S	03	9.31	15.79	127.7	0.557
CET2	P	03	12.34	50.11	175.2	0.231
CET2	S	03	19.50	50.11	175.2	0.491
<b>40</b> 140424 1606 19.0 - Valle del Crati						
Lat:	39.49	Lon:	16.20	Prof:	3.5	Km
	± 0.70 km		± 0.50 km		± 1.0 km	
RMS:	0.17s	GAP:	153.6°	NR:	7	
STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	06	23.65	21.62	279.7	0.164
CET2	S	06	26.55	21.62	279.7	-0.188
<b>41</b> 140425 0112 24.8 - Milazzo						
Lat:	38.24	Lon:	15.18	Prof:	16.5	Km
	± 0.93 km		± 0.81 km		± 1.9 km	
RMS:	0.34s	GAP:	159.0°	NR:	16	
STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	12	36.07	64.78	114.4	-0.651
CNDF	S	12	44.85	64.78	114.4	-0.588
<b>42</b> 140425 0618 04.1 - Maratea - Rotonda						
Lat:	39.94	Lon:	16.05	Prof:	9.5	Km
	± 0.59 km		± 0.76 km		± 2.2 km	
RMS:	0.37s	GAP:	72.3°	NR:	20	
STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	18	6.30	5.47	182.8	-0.151
MMN9	S	18	8.89	5.47	182.8	0.781
MMN	P	18	6.42	7.74	224.0	-0.225
MMN	S	18	7.78	7.74	224.0	-0.669
CET2	P	18	13.04	46.55	190.6	0.026
CET2	S	18	19.16	46.55	190.6	-0.313
<b>43</b> 140425 0654 45.5 - Bacino di Gioia						
Lat:	38.48	Lon:	15.56	Prof:	135.1	Km
	± 1.25 km		± 1.88 km		± 3.1 km	
RMS:	0.37s	GAP:	133.4°	NR:	36	
STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	54	5.33	52.05	66.2	-0.185
VBL2	S	54	20.15	52.05	66.2	0.031
CNDF	P	54	5.92	59.10	154.5	0.235
CNDF	S	54	20.37	59.10	154.5	-0.047
SMIN	P	54	6.61	79.46	47.0	-0.521
SMIN	S	54	22.15	79.46	47.0	-0.769
CET2	P	54	10.03	121.02	16.6	0.434
CET2	S	54	27.95	121.02	16.6	0.763
LADO	P	54	12.98	151.74	54.1	0.048
LADO	S	54	33.75	151.74	54.1	0.787
<b>44</b> 140425 1848 12.1 - Milazzo						
Lat:	38.25	Lon:	15.28	Prof:	117.1	Km
	± 1.77 km		± 2.14 km		± 3.5 km	
RMS:	0.44s	GAP:	133.0°	NR:	32	
STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	48	30.62	57.47	119.7	0.267
CNDF	S	48	44.33	57.47	119.7	0.626
SMIN	P	48	34.55	114.35	46.2	-0.584
SMIN	S	48	51.05	114.35	46.2	-0.928
CET2	P	48	38.51	152.74	22.7	0.557
<b>45</b> 140425 2340 43.2 - Piana bat. ionica						
Lat:	39.03	Lon:	17.95	Prof:	22.7	Km
	± 1.97 km		± 2.53 km		± 3.5 km	
RMS:	0.53s	GAP:	214.0°	NR:	23	
STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	40	59.10	89.15	287.7	0.209
LADO	S	41	11.11	89.15	287.7	0.684
CUP2	P	41	4.35	127.92	287.2	0.149
CUP2	S	41	20.36	127.92	287.2	0.736
ROI	P	41	4.80	134.03	296.0	-0.284
ROI	S	41	21.28	134.03	296.0	0.137
SMIN	P	41	7.29	149.96	267.0	-0.083
SMIN	S	41	26.07	149.96	267.0	0.958
CNDF	P	41	15.87	215.76	237.7	0.516
CNDF	S	41	38.65	215.76	237.7	-0.282
<b>46</b> 140426 1243 52.6 - G. di Policastro						
Lat:	39.95	Lon:	15.58	Prof:	299.9	Km
	± 2.88 km		± 4.91 km		± 4.4 km	
RMS:	0.51s	GAP:	134.2°	NR:	37	
STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	43	31.32	57.20	146.4	0.378
CET2	S	43	59.21	57.20	146.4	0.213
ROI	P	43	33.16	94.74	116.9	0.382
ROI	S	44	2.56	94.74	116.9	0.384
SMIN	P	43	33.49	122.52	153.2	-0.557
CUP2	P	43	34.05	104.47	127.6	0.839
VBL2	P	43	34.79	149.44	162.6	-0.703
LADO	P	43	35.15	141.29	121.9	0.415
LADO	S	44	6.41	141.29	121.9	0.849
CNDF	P	43	39.52	218.13	174.1	-0.440
<b>47</b> 140426 1359 24.3 - Bacino di Gioia						
Lat:	38.63	Lon:	15.67	Prof:	92.0	Km
	± 1.90 km		± 2.46 km		± 2.7 km	
RMS:	0.33s	GAP:	158.4°	NR:	19	
STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	59	39.93	61.28	51.9	-0.324
SMIN	S	59	52.33	61.28	51.9	0.443
CET2	P	59	43.16	102.55	14.0	-0.029
CET2	S	59	57.10	102.55	14.0	0.123
<b>48</b> 140427 0301 20.2 - Bacino di Paola						
Lat:	38.94	Lon:	15.70	Prof:	169.1	Km
	± 2.47 km		± 9.85 km		± 3.4 km	
RMS:	0.41s	GAP:	205.5°	NR:	12	

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	01	43.37	45.47	85.6	-0.384
SMIN	S	02	0.87	45.47	85.6	-0.108
CET2	P	01	44.58	68.79	18.5	0.503
CET2	S	02	1.83	68.79	18.5	0.293
CNDF	P	01	46.83	104.85	173.0	0.084
CNDF	S	02	6.04	104.85	173.0	-0.120

**49** 140427 0552 36.5 - Scarpata di Paola  
Lat: 38.78 Lon: 15.60 Prof: 90.4 Km  
± 2.07 km ± 3.89 km ± 4.5 km  
RMS: 0.56s GAP: 107.8° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	52	51.61	57.73	69.4	-0.354
SMIN	S	53	2.75	57.73	69.4	-0.490
CET2	P	52	54.33	87.53	20.4	0.531
CET2	S	53	6.90	87.53	20.4	0.486
CNDF	P	52	55.16	89.87	166.2	0.653
CNDF	S	53	8.48	89.87	166.2	0.838

**50** 140427 0649 38.2 - Bacino di Gioia  
Lat: 38.51 Lon: 15.68 Prof: 134.0 Km  
± 3.17 km ± 3.13 km ± 2.3 km  
RMS: 0.27s GAP: 197.0° NR: 9

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	49	58.28	58.83	165.6	0.065
CNDF	S	50	12.60	58.83	165.6	-0.246

**51** 140427 0914 06.1 - Murge  
Lat: 40.65 Lon: 16.98 Prof: 5.2 Km  
± 0.42 km ± 0.40 km ± 1.6 km  
RMS: 0.36s GAP: 70.1° NR: 43

STN	PHASE	MN	SEC	DIST	AZM	RES
ROI	P	14	28.79	125.74	195.9	-0.075
ROI	S	14	44.95	125.74	195.9	-0.540
CET2	P	14	30.89	153.05	214.8	0.067
LADO	P	14	32.14	152.67	179.6	0.034
LADO	S	14	51.05	152.67	179.6	-0.061

**52** 140427 2305 11.2 - Milazzo  
Lat: 38.28 Lon: 15.22 Prof: 122.8 Km  
± 1.62 km ± 2.53 km ± 3.7 km  
RMS: 0.46s GAP: 98.2° NR: 30

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	05	30.66	63.38	120.0	0.152
CNDF	S	05	44.95	63.38	120.0	0.382
SMIN	P	05	34.81	115.79	49.1	-0.104
SMIN	S	05	51.31	115.79	49.1	-0.900
CET2	P	05	38.42	151.75	24.9	0.991
CET2	S	05	57.40	151.75	24.9	0.832

**53** 140428 0420 30.0 - Aspromonte mer.  
Lat: 38.00 Lon: 15.81 Prof: 14.1 Km  
± 0.35 km ± 0.31 km ± 0.8 km  
RMS: 0.13s GAP: 163.9° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	20	32.95	4.06	86.1	0.123
CNDF	S	20	34.91	4.06	86.1	0.060

**54** 140429 2309 16.4 - Alto Tirreno Cosentino  
Lat: 39.86 Lon: 16.11 Prof: 4.5 Km  
± 0.62 km ± 0.51 km ± 1.4 km  
RMS: 0.31s GAP: 103.5° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	09	19.36	11.31	282.5	0.096
MMN	S	09	21.32	11.31	282.5	0.020

**55** 140430 0313 40.7 - Alto Tirreno Cosentino  
Lat: 39.87 Lon: 16.05 Prof: 4.4 Km  
± 1.70 km ± 1.35 km ± 2.3 km  
RMS: 0.40s GAP: 114.9° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	13	42.42	5.66	286.2	0.067
MMN	S	13	43.42	5.66	286.2	-0.105

**56** 140430 0405 52.4 - Piana bat. ionica  
Lat: 38.75 Lon: 17.73 Prof: 82.9 Km  
± 2.99 km ± 4.94 km ± 4.9 km  
RMS: 0.62s GAP: 291.3° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	05	9.44	88.13	311.3	-0.250
LADO	S	05	22.23	88.13	311.3	-0.086
CUP2	P	05	14.31	124.34	303.7	0.530
CUP2	S	05	29.54	124.34	303.7	0.143
ROI	P	05	14.50	135.76	311.5	-0.651
ROI	S	05	30.92	135.76	311.5	-0.845
SMIN	P	05	15.76	133.06	280.1	0.826
SMIN	S	05	31.34	133.06	280.1	-0.052
CNDF	P	05	19.75	183.96	242.8	-0.795
CNDF	S	05	41.29	183.96	242.8	0.174
MMN	P	05	22.16	196.48	309.6	-0.385

**57** 140430 1309 39.2 - Cilento  
Lat: 40.24 Lon: 15.27 Prof: 5.0 Km  
± 0.51 km ± 0.86 km ± 1.2 km  
RMS: 0.26s GAP: 201.5° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	09	56.49	99.05	144.3	0.112
CET2	S	10	8.95	99.05	144.3	0.006

**58** 140430 1808 05.1 - Coste Sicilia Or.  
Lat: 37.30 Lon: 15.36 Prof: 10.1 Km  
± 0.72 km ± 0.96 km ± 2.7 km  
RMS: 0.47s GAP: 165.9° NR: 42

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	08	37.16	200.32	22.5	-0.155
CET2	P	08	44.56	252.47	12.2	0.000

