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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**

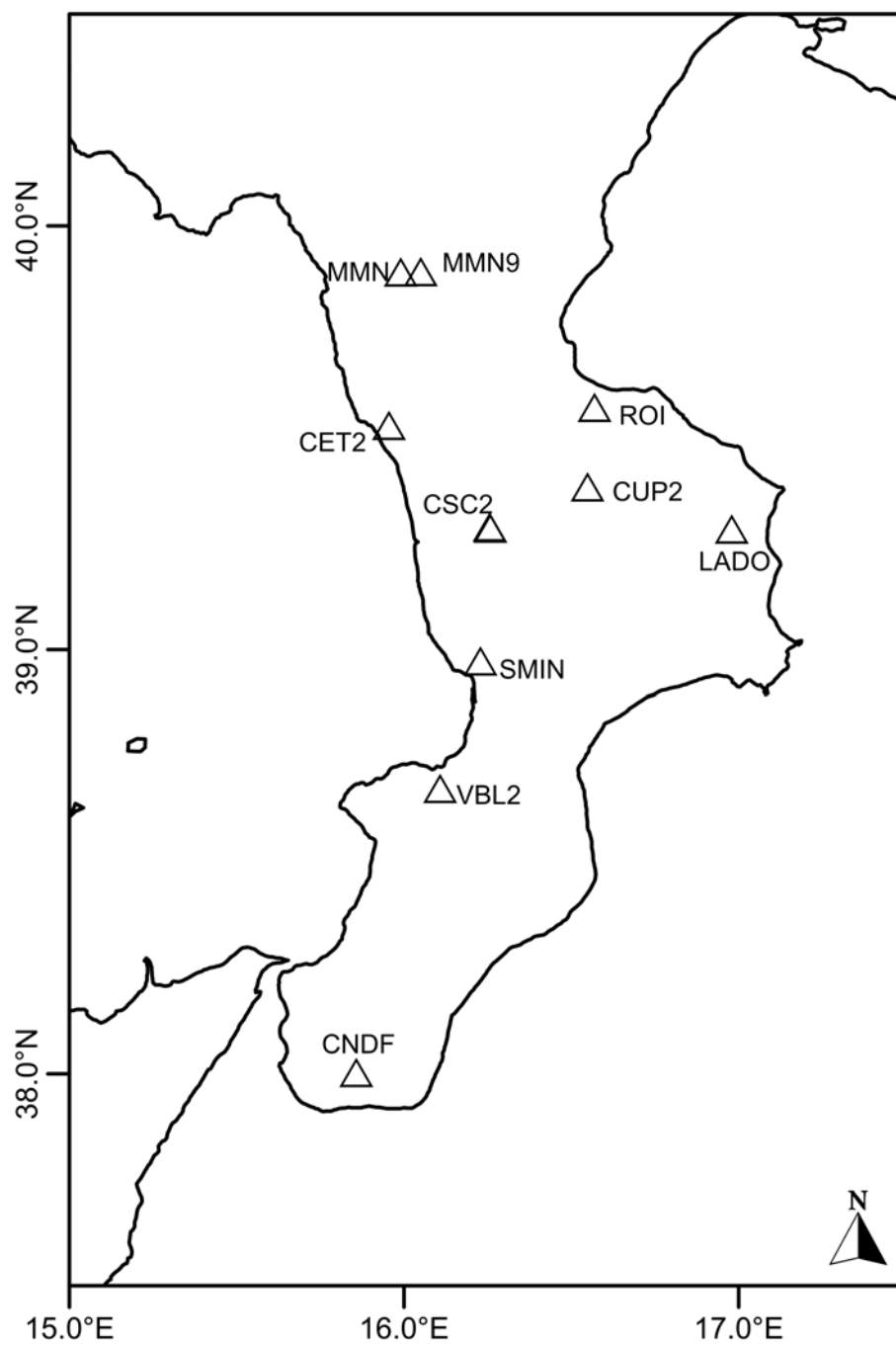
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**DELLE AREE CIRCOSTANTI**

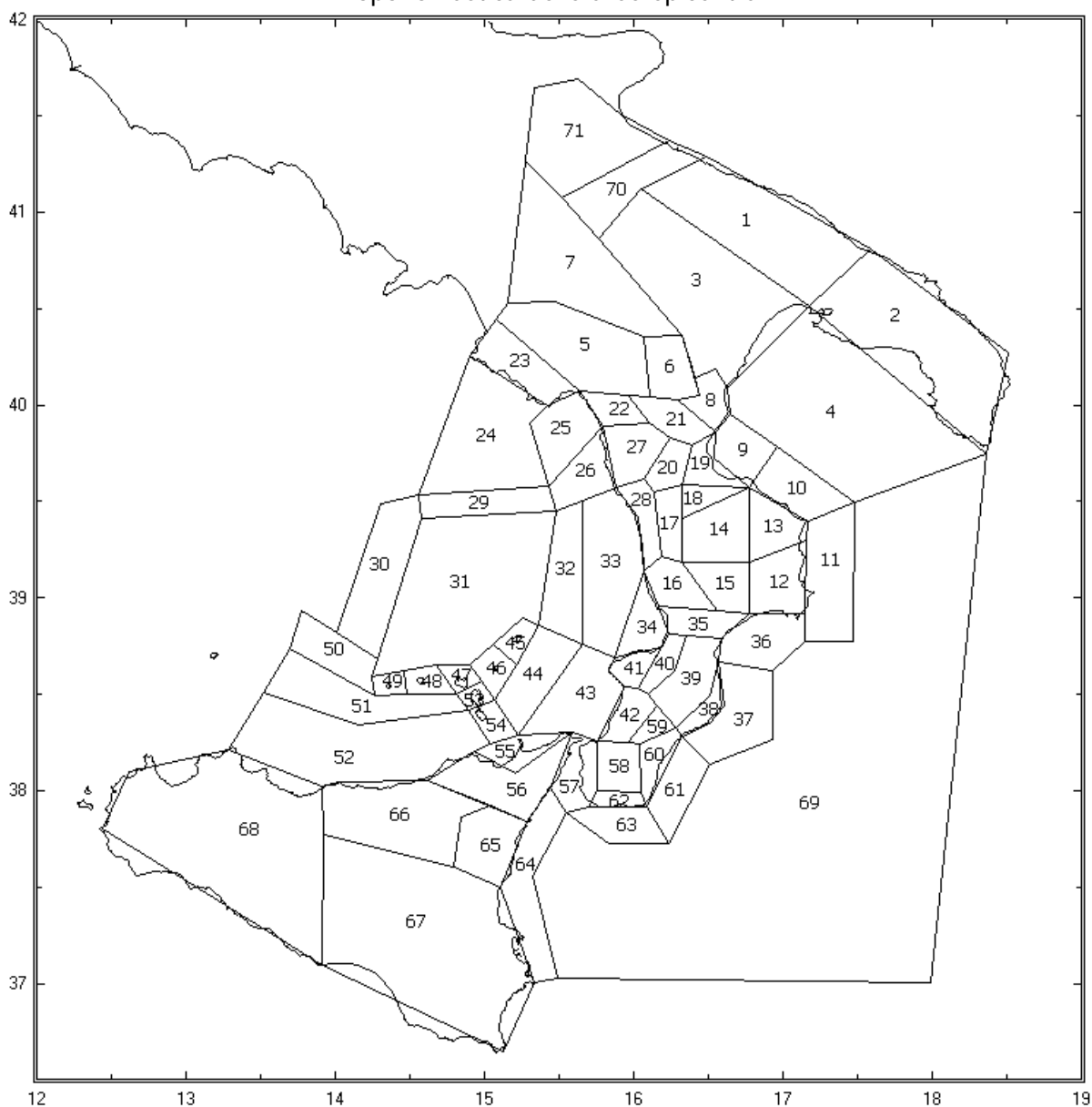
prodotto nell'ambito delle attività dell'O.R. 2.1

Periodo 01-15 Gennaio 2014

Distribuzione delle stazioni della Rete Sismica UniCal – Pon MASSIMO



## Toponomastica delle aree epicentrali

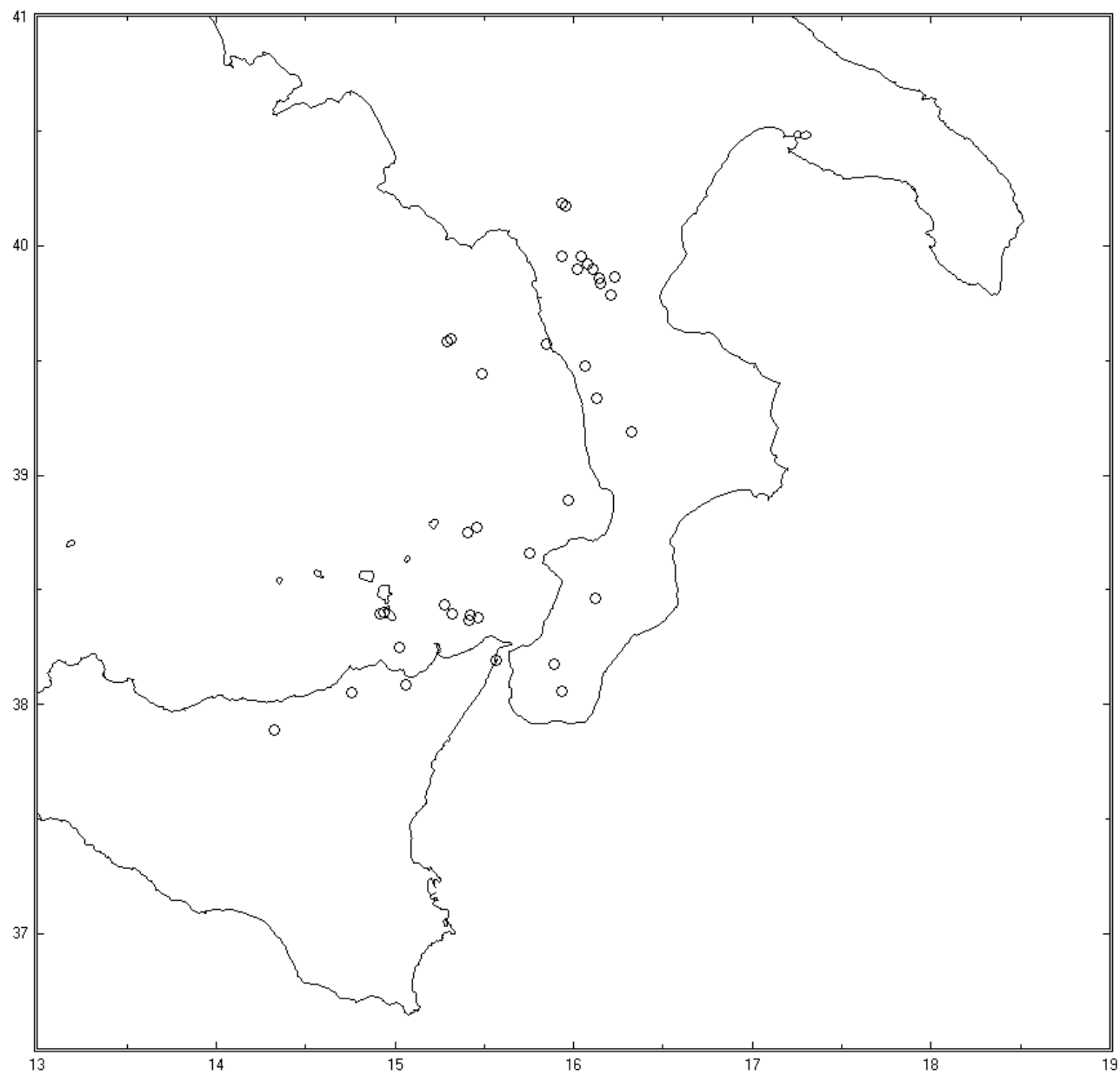


<b>1</b> Murge	<b>19</b> Piana di Sibari	<b>37</b> Offshore Punta Stilo	<b>55</b> Milazzo
<b>2</b> Penisola Salentina	<b>20</b> Valle dell'Esaro	<b>38</b> Punta Stilo	<b>56</b> Monti Peloritani
<b>3</b> Piana del Bradano e del Basento	<b>21</b> Catena del Pollino	<b>39</b> Serre centro-settentrionali	<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
140101	0136	25.6	39.4781	16.0612	30.7	1.8	0.82	1.05	2.66	17	112	0.34	0.09
140101	0944	21.8	38.6628	15.7560	172.3	2.6	2.05	3.39	4.02	35	152	0.48	0.11
140102	0613	17.0	38.2512	15.0219	13.1	3.0	0.71	0.51	2.65	52	76	0.46	0.09
140103	0109	18.9	39.5940	15.3150	4.3	1.4	1.25	1.92	1.94	17	242	0.43	0.32
140103	0619	1.5	38.8918	15.9685	153.4	2.1	3.26	4.81	4.41	14	166	0.53	0.18
140103	0722	28.3	39.9533	15.9319	1.9	1.3	0.81	0.77	1.59	12	116	0.35	0.11
140103	2132	48.4	38.3955	15.3176	120.7	1.9	2.53	2.12	3.33	24	158	0.42	0.14
140104	0223	58.0	39.7861	16.2114	0.0	1.2	0.72	0.64	1.81	10	98	0.40	0.13
140104	1051	17.2	38.7485	15.4070	112.7	2.5	2.70	3.51	3.91	21	166	0.47	0.19
140104	1309	34.5	39.8596	16.1409	4.9	1.2	1.05	0.74	1.93	11	120	0.43	0.15
140105	1658	21.2	39.9524	16.0391	2.3	1.4	0.67	0.35	0.81	8	183	0.18	0.09
140106	0053	45.1	40.1755	15.9536	12.4	1.8	0.87	0.98	3.20	18	78	0.55	0.13
140106	1935	23.0	39.8622	16.2275	5.2	1.8	0.77	0.68	1.92	17	74	0.43	0.11
140106	2211	16.1	39.5821	15.2931	5.0	1.9	0.95	1.59	1.89	20	230	0.42	0.25
140107	2027	25.8	37.8917	14.3237	19.2	2.4	0.80	0.60	3.04	45	64	0.52	0.09
140108	0026	38.8	38.0544	14.7594	22.0	2.4	0.68	0.64	2.86	52	50	0.49	0.08
140108	0031	45.9	39.8385	16.1498	8.1	1.2	1.22	0.93	2.53	9	130	0.44	0.16
140108	0501	17.6	39.4429	15.4873	270.1	2.3	4.23	5.47	3.36	15	271	0.39	0.26
140108	2357	43.1	38.1786	15.8871	14.1	1.5	0.70	0.96	2.07	16	124	0.36	0.09
140109	0627	25.5	38.1925	15.5645	6.8	1.6	0.67	0.38	2.17	28	100	0.37	0.07
140109	0853	27.3	39.9571	16.0388	1.3	1.4	0.86	0.83	2.02	13	134	0.45	0.15
140110	0312	43.6	38.3874	15.4238	114.5	2.3	1.46	1.80	3.81	37	94	0.48	0.09
140111	1808	23.2	38.3667	15.4174	107.2	2.1	1.63	2.05	3.13	21	166	0.39	0.11
140111	2203	8.0	38.4339	15.2783	124.7	2.2	1.74	2.21	3.67	27	92	0.46	0.13
140112	0156	11.2	39.1917	16.3208	15.4	1.1	2.70	0.98	1.60	6	277	0.28	0.39
140112	0536	31.1	39.3358	16.1287	19.6	1.3	0.90	1.00	2.29	17	143	0.39	0.14
140112	1937	2.4	40.1882	15.9355	24.2	2.5	0.52	0.76	2.72	51	54	0.47	0.07
140114	0343	41.5	38.3996	14.9386	17.0	3.9	0.36	0.38	2.57	130	67	0.44	0.04
140114	0353	36.2	39.5699	15.8491	68.8	1.3	0.88	1.32	3.20	30	118	0.40	0.08
140114	0434	59.8	38.3959	14.9187	13.7	3.8	0.60	0.68	4.20	104	65	0.72	0.08
140114	1159	42.1	39.9003	16.1077	5.0	0.7	3.97	0.93	2.37	12	114	0.53	0.18
140114	1846	29.8	38.3787	15.4679	126.1	2.6	1.25	1.89	4.23	59	51	0.51	0.08
140114	2123	16.1	39.9010	16.0235	8.5	1.6	0.88	0.71	1.72	13	140	0.30	0.08
140115	0927	36.7	39.9225	16.0750	2.7	1.0	0.74	0.59	1.64	10	102	0.36	0.13
140115	1022	6.2	38.0851	15.0603	13.5	2.0	0.58	0.36	1.69	25	75	0.29	0.06
140115	1317	17.0	38.4658	16.1184	23.8	1.8	1.10	1.25	3.02	21	93	0.52	0.15
140115	1730	58.0	38.0566	15.9373	10.3	1.2	0.86	1.01	1.94	9	96	0.33	0.11
140115	1811	17.1	38.7735	15.4546	213.0	2.7	1.37	2.48	3.47	51	77	0.42	0.08

Epicentri localizzati nel periodo di riferimento



# **BOLLETTINO**

1 140101 0136 25.6 - Catena Costiera  
 Lat: 39.47 Lon: 16.06 Prof: 30.7 Km  
 ± 0.82 km ± 1.05 km ± 2.7 km  
 RMS: 0.34s GAP: 112.6° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	36	31.44	10.75	301.7	0.481
CET2	S	36	34.98	10.75	301.7	0.134
ROI	P	36	34.64	44.90	76.6	-0.078
ROI	S	36	41.24	44.90	76.6	-0.117
CUP2	P	36	34.83	43.22	104.0	0.401
CUP2	S	36	40.73	43.22	104.0	-0.126
MMN	P	36	35.23	46.22	352.6	0.388
MMN	S	36	40.92	46.22	352.6	-0.652

2 140101 0944 21.8 - Bacino di Gioia  
 Lat: 38.66 Lon: 15.75 Prof: 172.3 Km  
 ± 2.05 km ± 3.39 km ± 4.0 km  
 RMS: 0.48s GAP: 152.3° NR: 35

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	44	45.25	30.65	87.9	-0.321
VBL2	S	45	2.00	30.65	87.9	-0.956
CNDF	P	44	47.59	73.74	173.4	0.584
CNDF	S	45	4.91	73.74	173.4	-0.530
CET2	P	44	47.94	97.65	10.4	0.163
CET2	S	45	5.98	97.65	10.4	-0.797
CUP2	P	44	50.02	105.38	40.7	0.987
CUP2	S	45	8.93	105.38	40.7	-0.022
ROI	P	44	50.81	123.00	34.9	0.513
ROI	S	45	10.42	123.00	34.9	-0.720

3 140102 0613 16.9 - Bacino di Cefalù  
 Lat: 38.25 Lon: 15.02 Prof: 13.1 Km  
 ± 0.71 km ± 0.51 km ± 2.6 km  
 RMS: 0.46s GAP: 76.6° NR: 52

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	13	31.22	78.24	111.1	0.165
CNDF	S	13	42.06	78.24	111.1	0.690
VBL2	P	13	35.08	105.75	64.1	-0.710
VBL2	S	13	50.08	105.75	64.1	0.509
CET2	P	13	43.01	163.29	30.2	0.961

4 140103 0109 18.8 - Offshore Cilento  
 Lat: 39.59 Lon: 15.31 Prof: 4.3 Km  
 ± 1.25 km ± 1.92 km ± 1.9 km  
 RMS: 0.43s GAP: 242.1° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	09	29.10	55.44	97.9	0.086
CET2	S	09	36.17	55.44	97.9	-0.278

5 140103 0619 01.5 - G. di S. Eufemia  
 Lat: 38.89 Lon: 15.96 Prof: 153.4 Km  
 ± 3.26 km ± 4.81 km ± 4.4 km  
 RMS: 0.53s GAP: 166.2° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	19	23.55	70.72	359.2	-0.247
CET2	S	19	41.02	70.72	359.2	0.934
LADO	P	19	26.25	97.69	63.4	0.346
LADO	S	19	42.89	97.69	63.4	-0.844

6 140103 0722 28.3 - Maratea - Rotonda  
 Lat: 39.95 Lon: 15.93 Prof: 1.9 Km  
 ± 0.81 km ± 0.77 km ± 1.6 km  
 RMS: 0.35s GAP: 116.8° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	22	30.32	8.56	144.3	-0.011
MMN	S	22	31.72	8.56	144.3	-0.075
CET2	P	22	37.36	47.17	177.8	-0.028

7 140103 2132 48.3 - Canyon di Stromboli  
 Lat: 38.39 Lon: 15.31 Prof: 120.7 Km  
 ± 2.53 km ± 2.12 km ± 3.3 km  
 RMS: 0.42s GAP: 158.5° NR: 24

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	33	8.20	64.26	133.1	0.765
CNDF	S	33	21.28	64.26	133.1	-0.099
VBL2	P	33	8.40	75.51	66.2	-0.050
VBL2	S	33	23.19	75.51	66.2	0.057

8 140104 0223 57.9 - Alto Tirreno Cosentino  
 Lat: 39.78 Lon: 16.21 Prof: 0.0 Km  
 ± 0.72 km ± 0.64 km ± 1.8 km  
 RMS: 0.40s GAP: 98.7° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	24	3.04	22.19	301.7	0.151
MMN	S	24	7.00	22.19	301.7	0.498
CET2	P	24	5.81	36.08	217.8	-0.164
CET2	S	24	11.12	36.08	217.8	-0.725
ROI	P	24	6.93	38.83	127.7	0.344
ROI	S	24	13.34	38.83	127.7	0.435

9 140104 1051 17.1 - Canyon di Stromboli  
 Lat: 38.74 Lon: 15.40 Prof: 112.7 Km  
 ± 2.70 km ± 3.51 km ± 3.9 km  
 RMS: 0.47s GAP: 166.3° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	51	37.32	91.60	154.9	0.097
CET2	P	51	37.54	98.72	29.0	0.212

10 140104 1309 34.4 - Alto Tirreno Cosentino  
 Lat: 39.85 Lon: 16.14 Prof: 4.9 Km  
 ± 1.05 km ± 0.74 km ± 1.9 km  
 RMS: 0.43s GAP: 120.0° NR: 11

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	09	37.20	8.53	294.9	0.413
MMN9	S	09	38.52	8.53	294.9	0.041
MMN	P	09	38.06	13.32	285.2	0.357
MMN	S	09	39.18	13.32	285.2	-0.884
CET2	P	09	42.80	40.05	203.6	0.140
CET2	S	09	48.40	40.05	203.6	-0.251

11 140105 1658 21.1 - Maratea - Rotonda  
 Lat: 39.95 Lon: 16.03 Prof: 2.3 Km  
 ± 0.67 km ± 0.35 km ± 0.8 km  
 RMS: 0.18s GAP: 183.0° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	58	22.90	7.99	211.4	-0.169
MMN	S	58	24.56	7.99	211.4	0.090

12 140106 0053 45.1 - Vallo di Diano  
 Lat: 40.17 Lon: 15.95 Prof: 12.4 Km  
 ± 0.87 km ± 0.98 km ± 3.2 km  
 RMS: 0.55s GAP: 78.5° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	53	52.37	31.76	174.5	0.980
MMN	S	53	56.58	31.76	174.5	0.584

13 140106 1935 23.0 - Catena del Pollino  
 Lat: 39.86 Lon: 16.22 Prof: 5.2 Km  
 ± 0.77 km ± 0.68 km ± 1.9 km  
 RMS: 0.43s GAP: 74.8° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	35	27.82	20.51	279.0	0.216
ROI	P	35	31.61	43.57	137.6	-0.268
ROI	S	35	39.17	43.57	137.6	0.803
CET2	P	35	31.73	43.80	212.4	-0.074
CET2	S	35	37.50	43.80	212.4	-0.735

14 140106 2211 16.0 - Offshore Cilento  
 Lat: 39.58 Lon: 15.29 Prof: 5.0 Km  
 ± 0.95 km ± 1.59 km ± 1.9 km  
 RMS: 0.42s GAP: 230.9° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	11	26.54	57.16	96.3	0.186
CET2	S	11	33.80	57.16	96.3	-0.101
SMIN	P	11	34.90	105.28	130.3	0.387

SMIN	S	11	47.09	105.28	130.3	-0.943
ROI	P	11	35.43	109.65	90.8	-0.495
ROI	S	11	49.46	109.65	90.8	0.700

**15** 140107 2027 25.8 - M. Nebrodi-Madonie  
 Lat: 37.89 Lon: 14.32 Prof: 19.2 Km  
 ± 0.80 km ± 0.60 km ± 3.0 km  
 RMS: 0.52s GAP: 64.7° NR: 45

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	27	50.33	135.35	85.5	0.989
CNDF	S	28	6.45	135.35	85.5	-0.107
SMIN	P	27	57.92	205.06	54.8	-0.903
SMIN	S	28	22.27	205.06	54.8	-0.717

**16** 140108 0026 38.8 - M. Peloritani  
 Lat: 38.05 Lon: 14.75 Prof: 22.0 Km  
 ± 0.68 km ± 0.64 km ± 2.9 km  
 RMS: 0.49s GAP: 50.3° NR: 52

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	27	11.32	214.38	46.9	-0.956
CUP2	S	27	37.47	214.38	46.9	0.693

**17** 140108 0031 45.9 - Alto Tirreno Cosentino  
 Lat: 39.83 Lon: 16.14 Prof: 8.1 Km  
 ± 1.22 km ± 0.93 km ± 2.5 km  
 RMS: 0.44s GAP: 130.4° NR: 9

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	31	50.03	14.81	293.2	0.670
MMN	S	31	51.11	14.81	293.2	-0.760
CET2	P	31	53.50	38.25	206.1	0.082
CET2	S	31	58.62	38.25	206.1	-0.278

**18** 140108 0501 17.6 - Scarpata di Paola  
 Lat: 39.44 Lon: 15.48 Prof: 270.1 Km  
 ± 4.23 km ± 5.47 km ± 3.4 km  
 RMS: 0.39s GAP: 271.0° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	01	52.21	41.31	77.0	0.031
ROI	P	01	54.23	94.14	81.4	-0.226
ROI	S	02	21.67	94.14	81.4	0.269

**19** 140108 2357 43.1 - Aspromonte  
 Lat: 38.17 Lon: 15.88 Prof: 14.1 Km  
 ± 0.70 km ± 0.96 km ± 2.1 km  
 RMS: 0.36s GAP: 124.8° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	57	47.95	19.64	187.9	0.400
CNDF	S	57	50.70	19.64	187.9	-0.106

**20** 140109 0627 25.5 - Stretto di Messina  
 Lat: 38.19 Lon: 15.56 Prof: 6.8 Km  
 ± 0.67 km ± 0.38 km ± 2.2 km  
 RMS: 0.37s GAP: 100.7° NR: 28

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	27	31.84	33.17	129.6	0.050
CNDF	S	27	36.14	33.17	129.6	-0.233

**21** 140109 0853 27.2 - Maratea - Rotonda  
 Lat: 39.95 Lon: 16.03 Prof: 1.3 Km  
 ± 0.86 km ± 0.83 km ± 2.0 km  
 RMS: 0.45s GAP: 134.8° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	53	29.42	8.43	209.4	0.205
MMN	S	53	30.78	8.43	209.4	0.147

**22** 140110 0312 43.5 - Bacino di Gioia  
 Lat: 38.38 Lon: 15.42 Prof: 114.5 Km  
 ± 1.46 km ± 1.80 km ± 3.8 km  
 RMS: 0.48s GAP: 94.7° NR: 37

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	13	2.10	67.59	62.2	-0.267

VBL2	S	13	16.23	67.59	62.2	0.101
CNDF	P	13	2.19	57.09	138.7	0.744
CNDF	S	13	15.50	57.09	138.7	0.965
CET2	P	13	8.21	134.80	20.3	0.875
CET2	S	13	25.60	134.80	20.3	0.866

**23** 140111 1808 23.1 - Bacino di Gioia  
 Lat: 38.36 Lon: 15.41 Prof: 107.2 Km  
 ± 1.63 km ± 2.05 km ± 3.1 km  
 RMS: 0.39s GAP: 166.4° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	08	40.31	55.79	136.7	0.129
CNDF	S	08	53.46	55.79	136.7	0.829
CET2	P	08	47.39	137.15	20.2	0.747
CET2	S	09	3.77	137.15	20.2	-0.054

**24** 140111 2203 08.0 - Canyon di Stromboli  
 Lat: 38.43 Lon: 15.27 Prof: 124.7 Km  
 ± 1.74 km ± 2.21 km ± 3.7 km  
 RMS: 0.46s GAP: 92.8° NR: 27

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	03	28.11	69.68	133.7	0.459
CNDF	S	03	43.00	69.68	133.7	0.975
CET2	P	03	33.41	134.93	26.1	0.893
CET2	S	03	50.88	134.93	26.1	0.437

**25** 140112 0156 11.1 - Valle del Crati  
 Lat: 39.19 Lon: 16.32 Prof: 15.4 Km  
 ± 2.70 km ± 0.98 km ± 1.6 km  
 RMS: 0.28s GAP: 277.4° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
SCOI	P	56	14.71	12.18	332.8	-0.082
SCOI	S	56	17.54	12.18	332.8	0.093
CUP2	P	56	17.09	28.94	42.5	-0.174
CUP2	S	56	21.93	28.94	42.5	0.201
CET2	P	56	20.85	48.96	319.9	0.257
CET2	S	56	27.20	48.96	319.9	-0.294

**26** 140112 0536 31.0 - Catena Costiera  
 Lat: 39.33 Lon: 16.12 Prof: 19.6 Km  
 ± 0.90 km ± 1.00 km ± 2.3 km  
 RMS: 0.39s GAP: 143.7° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
SCOI	P	36	34.65	12.16	115.2	-0.636
SCOI	S	36	38.73	12.16	115.2	0.361
CSC2	P	36	34.71	12.41	116.3	-0.608
CSC2	S	36	39.37	12.41	116.3	0.946
CET2	P	36	37.52	26.14	325.1	0.357
CET2	S	36	41.43	26.14	325.1	-0.188
CUP2	P	36	38.83	36.53	81.6	0.162
CUP2	S	36	43.89	36.53	81.6	-0.335
ROI	P	36	40.37	46.08	55.3	0.063
ROI	S	36	46.85	46.08	55.3	-0.213
VBL2	P	36	44.56	73.52	181.5	-0.025
VBL2	S	36	54.53	73.52	181.5	0.056
LADO	P	36	44.93	73.58	94.3	0.340

**27** 140112 1937 02.3 - Vallo di Diano  
 Lat: 40.18 Lon: 15.93 Prof: 24.2 Km  
 ± 0.52 km ± 0.76 km ± 2.7 km  
 RMS: 0.47s GAP: 54.1° NR: 51

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	37	9.90	33.34	172.1	0.077
MMN	S	37	15.03	33.34	172.1	-0.259
CET2	P	37	15.89	73.23	178.9	0.058
CET2	S	37	26.33	73.23	178.9	0.626
SCOI	P	37	21.60	103.52	164.7	0.552
SCOI	S	37	34.76	103.52	164.7	0.021
CUP2	P	37	22.04	103.62	149.6	0.839
CUP2	S	37	34.62	103.62	149.6	-0.380
SMIN	P	37	25.28	137.24	169.5	-0.800
SMIN	S	37	42.74	137.24	169.5	-0.710



**28** 140114 0343 41.5 - Vulcano  
 Lat: 38.39 Lon: 14.93 Prof: 17.0 Km  
 ± 0.36 km ± 0.38 km ± 2.6 km  
 RMS: 0.44s GAP: 67.6° NR: 30

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	43	57.78	91.71	119.2	-0.209
CNDF	S	44	9.78	91.71	119.2	-0.248
VBL2	P	44	-0.20	106.40	73.8	-0.725
VBL2	S	44	14.31	106.40	73.8	-0.093
SCOI	P	44	5.97	151.14	49.6	-0.525
SCOI	S	44	24.73	151.14	49.6	-0.030
MMN	P	44	11.42	188.89	29.3	-0.053
MMN	S	44	33.32	188.89	29.3	-0.062
ROI	P	44	11.60	192.07	47.7	0.057
ROI	S	44	33.38	192.07	47.7	-0.121

**29** 140114 0353 36.2 - Offshore Scalea -  
 Diamante  
 Lat: 39.56 Lon: 15.84 Prof: 68.8 Km  
 ± 0.88 km ± 1.32 km ± 3.2 km  
 RMS: 0.40s GAP: 118.7° NR: 30

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	53	46.82	10.14	116.9	0.662
CET2	S	53	54.19	10.14	116.9	0.765
MMN	P	53	47.51	37.64	19.0	-0.441
CUP2	P	53	50.14	63.60	109.0	0.112
CUP2	S	54	.50	63.60	109.0	0.372
ROI	P	53	50.15	61.87	89.8	0.235
ROI	S	54	.34	61.87	89.8	0.407
VBL2	P	53	53.63	101.96	167.5	-0.536
VBL2	S	54	7.39	101.96	167.5	0.094

**30** 140114 0434 59.8 - Vulcano  
 Lat: 38.39 Lon: 14.91 Prof: 13.7 Km  
 ± 0.60 km ± 0.68 km ± 4.2 km  
 RMS: 0.72s GAP: 65.0° NR: 04

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	35	16.31	93.05	118.5	-0.121
CNDF	S	35	27.72	93.05	118.5	-0.888
VBL2	P	35	18.41	108.18	73.9	-0.640
VBL2	S	35	33.04	108.18	73.9	-0.102
CET2	P	35	24.64	154.51	36.0	0.945
CET2	S	35	40.67	154.51	36.0	-0.519
SCOI	P	35	24.67	152.71	49.9	-0.689
CUP2	P	35	28.36	178.89	52.5	-0.048
CUP2	S	35	49.97	178.89	52.5	0.618
ROI	P	35	29.79	193.62	47.9	-0.595
ROI	S	35	53.57	193.62	47.9	0.793
MMN	P	35	29.91	190.07	29.7	-0.371

**31** 140114 1159 42.0 - Alto Tirreno Cosentino  
 Lat: 39.90 Lon: 16.10 Prof: 5.0 Km  
 ± 3.97 km ± 0.93 km ± 2.4 km  
 RMS: 0.53s GAP: 114.2° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	59	52.17	10.06	264.2	-0.437
MMN	S	59	54.13	10.06	264.2	-0.257

**32** 140114 1846 29.8 - Bacino di Gioia  
 Lat: 38.37 Lon: 15.46 Prof: 126.1 Km  
 ± 1.25 km ± 1.89 km ± 4.2 km  
 RMS: 0.51s GAP: 51.1° NR: 59

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	46	49.48	64.71	59.9	-0.178
VBL2	S	47	3.97	64.71	59.9	-0.213
CNDF	P	46	49.79	53.85	141.1	0.995
CNDF	S	47	3.69	53.85	141.1	0.995
SMIN	P	46	51.34	93.42	45.3	-0.389
SMIN	S	47	7.03	93.42	45.3	-0.751
CET2	P	46	55.19	134.46	18.6	0.739
CET2	S	47	13.29	134.46	18.6	0.804
CUP2	P	46	57.11	145.68	40.2	0.744
CUP2	S	47	16.58	145.68	40.2	0.774
ROI	P	46	58.33	163.24	35.9	0.108
ROI	S	47	19.76	163.24	35.9	0.741

**33** 140114 2123 16.1 - Alto Tirreno Cosentino  
 Lat: 39.90 Lon: 16.02 Prof: 8.5 Km  
 ± 0.88 km ± 0.71 km ± 1.7 km  
 RMS: 0.30s GAP: 140.3° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	23	17.77	3.03	248.3	-0.244
MMN	S	23	19.99	3.03	248.3	0.582

**34** 140115 0927 36.6 - Maratea - Rotonda  
 Lat: 39.92 Lon: 16.07 Prof: 2.7 Km  
 ± 0.74 km ± 0.59 km ± 1.6 km  
 RMS: 0.36s GAP: 102.0° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	27	38.57	8.02	244.2	-0.076
MMN	S	27	39.85	8.02	244.2	-0.224

**35** 140115 1022 06.2 - M. Peloritani  
 Lat: 38.08 Lon: 15.06 Prof: 13.5 Km  
 ± 0.58 km ± 0.36 km ± 1.7 km  
 RMS: 0.29s GAP: 75.3° NR: 25

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	22	19.05	70.54	97.9	0.058
CNDF	S	22	27.87	70.54	97.9	-0.473

**36** 140115 1317 17.0 - Piana di Gioia  
 Lat: 38.46 Lon: 16.11 Prof: 23.8 Km  
 ± 1.10 km ± 1.25 km ± 3.0 km  
 RMS: 0.52s GAP: 93.7° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	17	28.65	56.21	204.2	0.776
CNDF	S	17	36.34	56.21	204.2	0.526

**37** 140115 1730 58.0 - Aspromonte  
 Lat: 38.05 Lon: 15.93 Prof: 10.3 Km  
 ± 0.86 km ± 1.01 km ± 1.9 km  
 RMS: 0.33s GAP: 96.5° NR: 9

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	31	1.11	9.19	230.1	0.461
CNDF	S	31	2.16	9.19	230.1	-0.417

**38** 140115 1811 17.0 - Canyon di Stromboli  
 Lat: 38.77 Lon: 15.45 Prof: 213.0 Km  
 ± 1.37 km ± 2.48 km ± 3.5 km  
 RMS: 0.42s GAP: 77.3° NR: 51

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	11	46.01	57.88	101.3	-0.197
VBL2	S	12	7.95	57.88	101.3	0.438
SMIN	P	11	46.36	70.69	72.0	-0.310
SMIN	S	12	7.91	70.69	72.0	-0.403
CNDF	P	11	48.19	92.45	158.0	0.627
CNDF	S	12	10.25	92.45	158.0	0.388
CUP2	P	11	49.79	116.35	54.6	0.800
CUP2	S	12	11.70	116.35	54.6	-0.631
ROI	P	11	50.35	130.89	47.5	0.452
ROI	S	12	12.99	130.89	47.5	-0.915