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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**

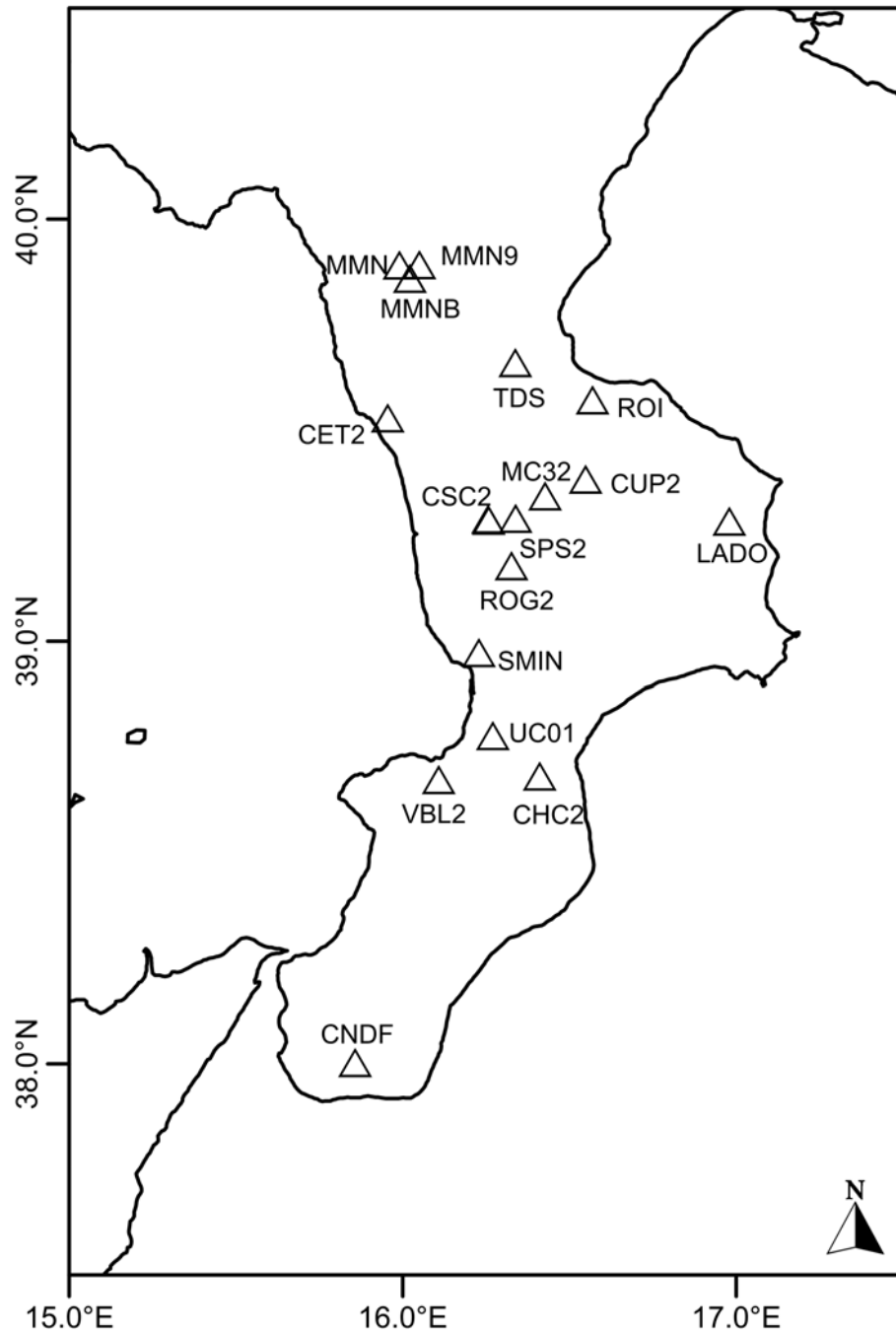
**E**

**DELLE AREE CIRCOSTANTI**

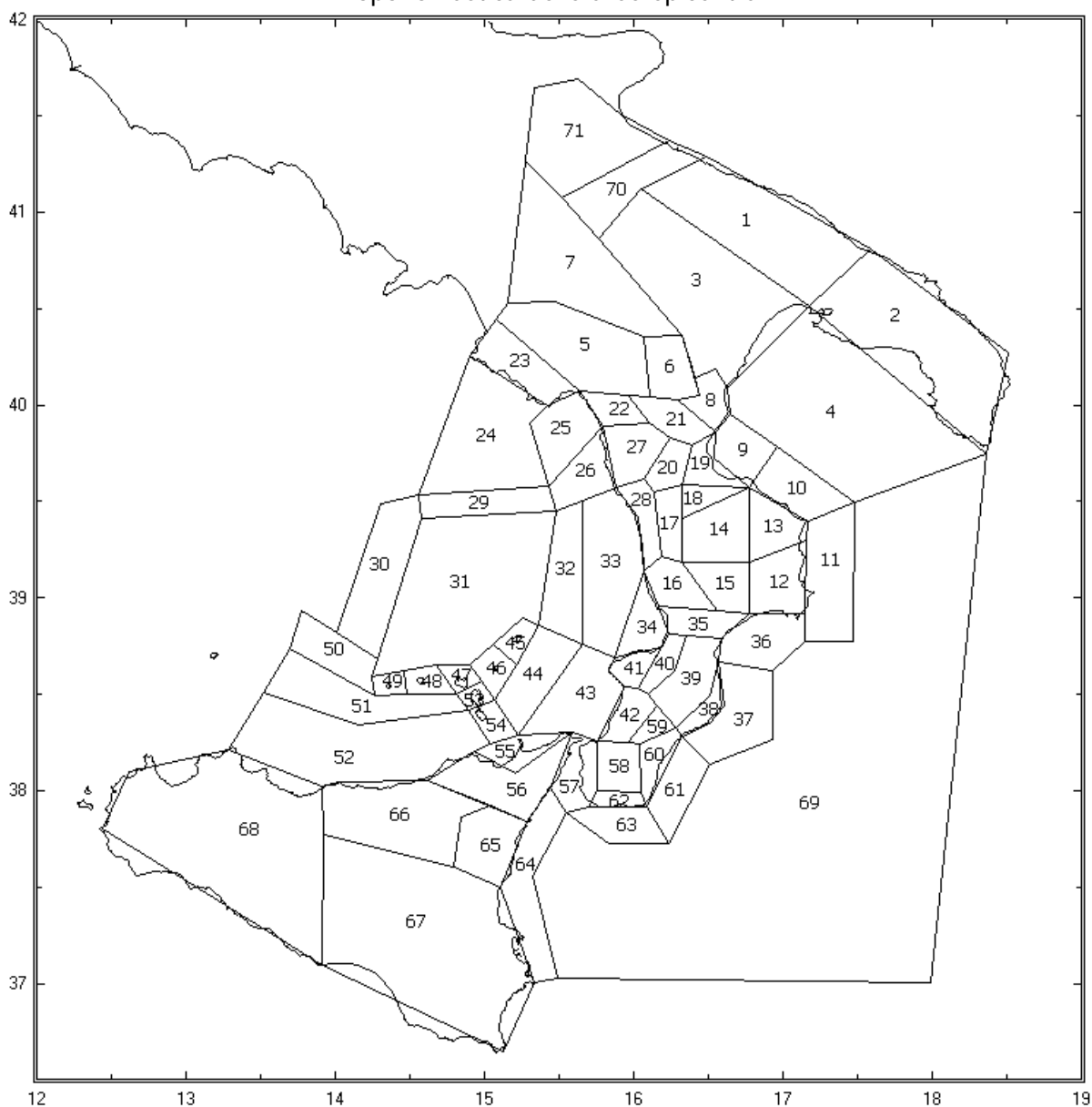
prodotto nell'ambito delle attività dell'O.R. 2.1

Periodo 01-15 Settembre 2015

Distribuzione delle stazioni della Rete Sismica UniCal – Pon MASSIMO



## Toponomastica delle aree epicentrali



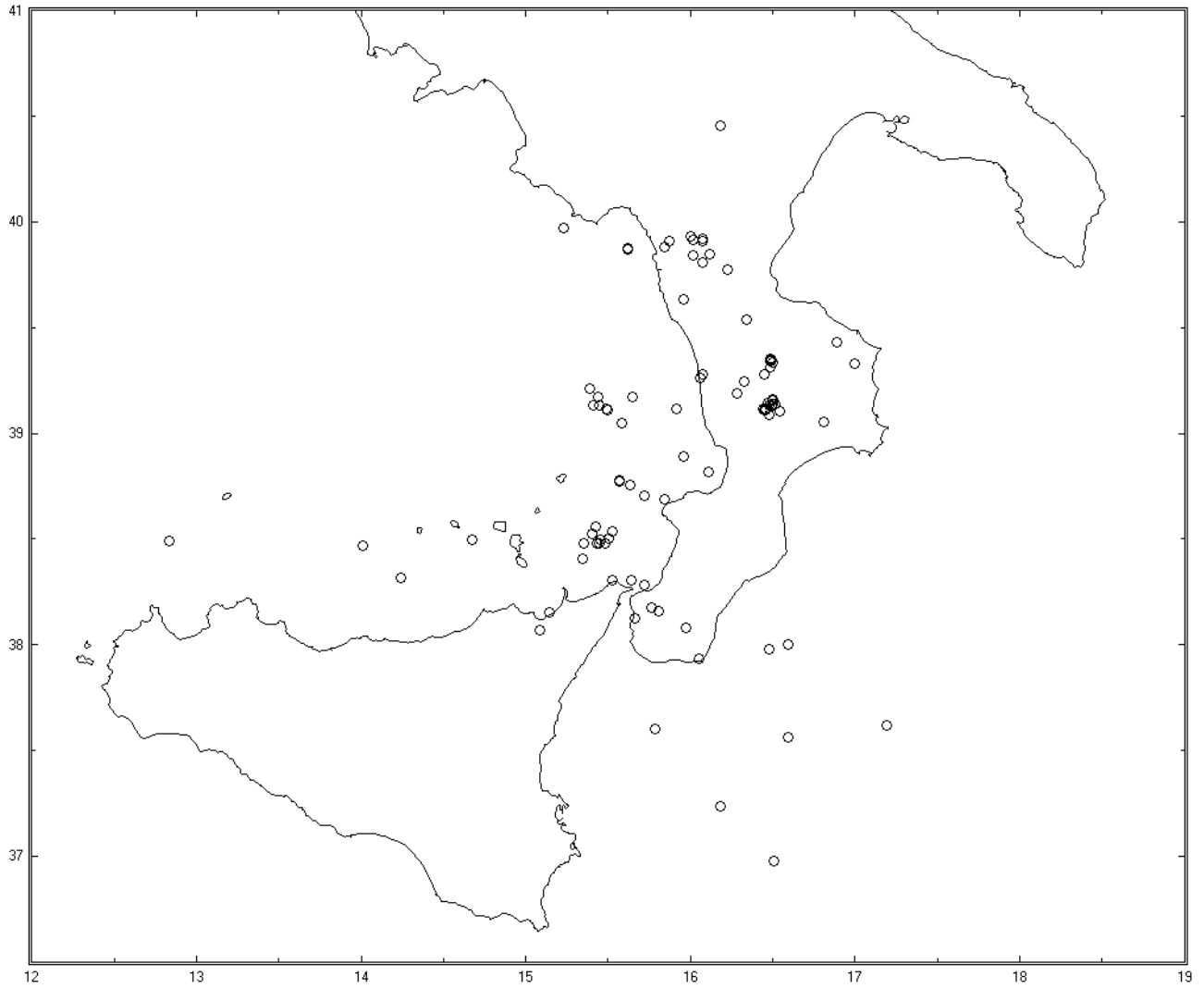
<b>1</b> Murge	<b>19</b> Piana di Sibari	<b>37</b> Offshore Punta Stilo	<b>55</b> Milazzo
<b>2</b> Penisola Salentina	<b>20</b> Valle dell'Esaro	<b>38</b> Punta Stilo	<b>56</b> Monti Peloritani
<b>3</b> Piana del Bradano e del Basento	<b>21</b> Catena del Pollino	<b>39</b> Serre centro-settentrionali	<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
150901	0023	22.0	39.9199	16.0744	4.3	1.6	0.60	0.71	2.34	35	79	0.52	0.10
150901	0105	54.7	39.3487	16.4899	7.6	1.3	0.44	0.50	2.47	41	37	0.43	0.07
150901	0110	30.9	39.3127	16.4856	0.4		0.25	0.88	0.50	6	244	0.11	0.14
150901	0113	49.3	36.9771	16.5050	30.9	2.1	1.86	2.22	3.80	34	259	0.49	0.35
150901	0137	35.6	39.1703	15.6512	226.5	2.3	2.71	3.76	4.03	38	196	0.47	0.16
150901	0159	34.2	39.8102	16.0728	0.0		0.46	1.97	1.23	6	209	0.27	0.23
150901	0400	21.9	38.4979	14.6776	14.7	2.1	1.04	0.78	2.62	21	125	0.40	0.12
150901	0739	35.3	39.3142	16.4863	0.4		0.07	0.25	0.14	6	244	0.03	0.04
150901	1601	50.0	39.8448	16.0127	1.7		0.43	0.75	1.09	10	156	0.24	0.10
150901	1601	58.8	39.9312	16.0019	0.0		0.61	0.38	0.46	6	303	0.10	0.16
150901	1604	4.2	39.7731	16.2249	0.0	1.2	0.56	0.55	1.88	21	81	0.42	0.09
150901	2249	19.1	38.6881	15.8404	266.2	2.0	1.81	4.19	5.59	18	140	0.65	0.16
150901	2356	54.0	39.3364	16.5031	5.0		0.55	0.48	1.33	11	146	0.23	0.08
150902	0214	29.8	39.1556	16.4969	12.6		0.47	0.20	0.42	6	163	0.07	0.03
150902	0235	59.3	37.6014	15.7860	28.8	2.1	0.99	1.25	3.20	47	182	0.49	0.13
150902	0744	50.8	38.4826	15.4435	126.1	2.1	2.27	2.62	3.61	20	78	0.43	0.12
150902	1512	41.8	39.8748	15.6205	3.5	1.5	1.02	1.33	2.52	19	174	0.56	0.18
150902	1549	42.1	39.8725	15.6221	2.2	1.8	0.63	0.94	2.41	37	146	0.54	0.12
150902	1604	1.1	39.1450	16.4726	16.1	1.5	0.51	0.57	2.34	35	59	0.40	0.08
150902	1947	51.0	38.4901	12.8324	25.0	1.7	1.22	2.28	3.45	24	242	0.44	0.29
150902	2226	56.5	39.1336	15.4437	5.0		2.95	9.23	4.26	6	258	0.95	1.34
150902	2248	54.1	39.1165	15.9157	53.1		1.42	1.44	1.55	8	243	0.20	0.16
150903	0014	45.4	39.1342	16.4810	16.5	0.8	0.59	0.58	1.81	19	68	0.31	0.08
150903	0035	48.6	39.2145	15.3915	24.0		6.63	5.81	5.61	8	322	0.72	0.95
150903	0156	2.6	39.1328	15.4083	5.0	1.8	0.90	1.00	2.28	34	148	0.51	0.15
150903	0201	58.9	39.2770	16.0759	24.7	1.2	1.14	1.40	2.86	19	146	0.49	0.18
150903	0203	27.2	39.2632	16.0617	22.3	1.4	0.64	0.87	3.02	37	129	0.39	0.09
150903	0234	48.2	39.1092	15.4934	15.3		0.85	1.73	1.52	8	251	0.20	0.20
150903	0339	28.7	37.5652	16.5902	43.0	2.2	1.15	2.20	3.41	43	230	0.43	0.26
150903	0440	25.9	39.1750	15.4367	5.9	2.7	0.45	0.55	2.67	83	126	0.46	0.07
150903	1854	19.2	39.1532	16.4986	18.3	0.7	0.78	0.53	1.31	14	152	0.23	0.07
150903	1910	3.0	38.5570	15.4215	205.4	0.9	3.05	4.88	3.71	18	129	0.45	0.23
150903	1931	53.5	38.1752	15.7625	16.9	2.2	0.62	0.53	2.53	38	72	0.44	0.07
150904	0154	51.2	38.0788	15.9713	19.3	2.0	0.83	0.88	2.39	26	72	0.41	0.11
150904	0222	25.6	39.1163	15.4870	15.3		1.12	2.25	1.98	8	252	0.25	0.27
150904	0534	41.9	39.9165	16.0128	0.0		0.54	0.47	0.96	8	193	0.21	0.11
150904	1343	49.0	39.3300	16.9973	19.2		3.38	2.81	1.17	6	325	0.20	0.20
150904	1800	57.0	39.9081	15.8738	56.3	2.9	0.50	0.88	3.82	109	73	0.49	0.06
150904	1912	37.6	39.8799	15.8403	52.0	1.8	0.86	1.35	3.95	47	106	0.51	0.09
150904	2120	43.7	38.0007	16.5912	45.7	1.8	1.33	1.88	3.64	33	222	0.45	0.22
150904	2217	3.1	37.9775	16.4771	29.6		1.33	1.34	0.87	5	276	0.13	0.25
150905	1231	34.3	39.0507	15.5838	215.0	2.2	3.08	3.82	3.22	19	155	0.37	0.17
150905	1518	49.8	39.3441	16.4865	8.2	1.9	0.51	0.53	2.69	40	37	0.46	0.08
150905	1526	49.8	39.3436	16.4878	8.1	2.2	0.46	0.55	2.79	48	37	0.48	0.08
150905	1529	51.5	39.3527	16.4830	6.3	1.0	1.15	1.00	2.18	9	91	0.38	0.14
150905	1723	16.9	38.4796	15.4832	129.4	2.2	1.61	2.06	3.32	34	123	0.40	0.11
150905	2025	36.2	38.5365	15.5255	90.5	2.5	0.89	1.33	3.89	67	68	0.49	0.08
150906	0318	49.5	38.5008	15.5067	125.1	2.4	1.13	1.78	3.30	51	141	0.40	0.08
150906	0524	1.7	39.9709	15.2301	3.5	1.6	1.04	1.36	1.94	18	238	0.43	0.26
150906	1346	4.6	39.1402	16.5023	13.6	1.3	0.58	0.43	0.99	11	171	0.17	0.07
150906	1419	44.9	39.3545	16.4882	7.6	1.3	0.45	0.44	2.04	33	39	0.35	0.06
150906	1716	22.6	39.1335	16.4888	12.8	1.3	0.54	0.39	1.57	20	67	0.27	0.07
150906	1730	28.0	39.1253	16.4948	14.6		0.46	0.21	0.40	6	171	0.07	0.03
150906	1735	12.0	39.1400	16.5005	17.9	1.2	0.75	0.80	2.73	21	61	0.47	0.10
150906	1754	19.2	40.4530	16.1790	0.0	2.2	0.52	0.72	2.50	44	88	0.56	0.09
150906	1901	42.0	39.1305	16.4937	18.3	0.9	0.65	0.68	2.54	26	61	0.44	0.09
150907	0327	15.9	39.9071	16.0769	2.0		0.59	0.25	0.21	6	337	0.05	0.07
150907	0510	48.0	38.8926	15.9614	43.6	1.9	1.98	3.21	5.35	12	136	0.67	0.21
150907	1009	28.2	38.3033	15.6419	69.1	2.5	0.95	0.86	3.63	53	44	0.45	0.06

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
150907	2326	24.7	38.7718	15.5694	156.3	2.3	1.92	2.07	2.38	27	201	0.29	0.12
150908	0459	2.4	39.0554	16.8092	17.6		1.61	1.63	1.23	6	228	0.21	0.19
150908	0537	55.6	38.4677	14.0101	11.7	2.6	0.75	0.63	2.34	41	121	0.40	0.10
150908	1116	51.1	38.1609	15.8056	11.3	1.6	1.17	1.30	3.38	17	84	0.58	0.16
150909	0031	3.9	38.4991	15.4499	129.5		3.06	4.19	3.06	12	264	0.37	0.29
150909	0335	55.7	38.0704	15.0874	17.6	2.5	0.61	0.42	2.53	44	69	0.44	0.07
150910	0044	18.2	38.4063	15.3426	112.1	2.5	1.42	1.67	3.08	33	157	0.39	0.11
150910	1409	50.9	39.8760	15.6192	2.5	2.3	0.54	0.72	2.18	59	143	0.48	0.10
150910	2138	55.3	39.8476	16.1150	5.8	1.2	0.82	0.77	2.04	14	128	0.45	0.14
150911	0133	32.8	39.2782	16.4471	0.0		0.48	0.38	1.09	10	118	0.24	0.08
150911	0520	32.2	38.8155	16.1112	12.4		1.03	1.02	1.89	10	193	0.33	0.17
150911	1309	8.2	38.7069	15.7211	158.8	2.4	1.80	3.67	3.37	31	140	0.41	0.14
150911	1449	39.0	38.5260	15.4047	126.9	2.4	1.72	2.64	2.16	16	269	0.26	0.18
150911	1653	6.8	38.1242	15.6647	11.2	1.4	0.45	0.36	1.47	20	91	0.25	0.06
150911	1749	40.2	39.1370	16.5127	21.5		1.08	0.96	2.28	10	107	0.39	0.13
150911	2006	13.7	38.4799	15.3497	118.8		2.72	3.87	2.56	8	277	0.32	0.32
150911	2231	52.9	38.4783	15.4340	129.1		2.58	2.81	1.59	6	285	0.19	0.19
150912	0426	2.4	38.3051	15.5261	118.4	1.7	2.01	2.31	3.18	19	113	0.40	0.10
150912	0938	59.8	39.4293	16.8892	26.4		0.63	1.06	0.87	6	199	0.13	0.07
150912	2116	37.5	37.2377	16.1821	8.2	1.7	1.84	2.58	2.55	23	247	0.57	0.42
150912	2131	35.6	39.2435	16.3291	6.1		0.08	0.11	0.16	6	186	0.03	0.01
150913	0013	8.9	38.7796	15.5685	170.5	1.9	2.31	3.31	4.39	28	152	0.53	0.17
150913	0204	60.0	37.9313	16.0488	16.9		1.42	0.99	2.40	20	253	0.41	0.24
150913	0413	58.4	39.1908	16.2855	18.2		0.53	0.61	1.21	12	152	0.21	0.07
150913	1427	35.4	37.6175	17.1929	64.0	2.0	1.64	1.91	3.63	32	261	0.45	0.27
150913	1858	51.1	39.1117	16.4512	2.5		0.25	0.27	0.58	12	119	0.13	0.04
150913	1953	39.7	39.0855	16.4762	0.0		1.19	0.91	2.31	10	133	0.51	0.18
150913	2206	23.2	38.3157	14.2420	224.5	2.4	2.32	1.59	3.41	39	124	0.43	0.11
150913	2343	15.0	39.1138	16.4421	9.6	1.2	0.46	0.56	2.36	35	84	0.41	0.08
150914	0018	8.2	38.1515	15.1426	3.9	2.1	0.53	0.39	1.87	43	57	0.42	0.07
150914	0132	58.1	39.1163	16.4589	3.1		0.57	0.26	0.51	6	186	0.09	0.05
150914	0253	60.0	39.1116	16.4553	4.2	0.4	0.62	0.48	1.31	15	191	0.23	0.10
150914	1922	12.3	39.1592	16.4978	19.4	0.9	0.67	0.69	2.10	19	54	0.36	0.09
150915	0321	50.7	39.1033	16.5428	0.0		31.71	16.37	2.33	6	179	0.52	0.25
150915	0328	37.7	38.2845	15.7202	8.5	0.8	0.46	0.43	1.30	13	118	0.22	0.07
150915	0424	24.6	39.1529	16.5020	1.0	0.9	0.57	0.48	1.39	16	101	0.31	0.09
150915	1512	25.6	39.6347	15.9556	94.8	2.1	1.81	3.34	3.33	13	145	0.42	0.12
150915	1543	9.8	39.5398	16.3376	13.8	1.3	0.61	0.70	2.28	21	78	0.39	0.09
150915	2102	52.4	38.7552	15.6325	96.1	1.9	1.33	1.88	4.36	42	99	0.55	0.11

Epicentri localizzati nel periodo di riferimento



# **BOLLETTINO**

1 150901 0023 21.9 - Maratea - Rotonda  
 Lat: 39.91 Lon: 16.07 Prof: 4.3 Km  
 ± 0.60 km ± 0.71 km ± 2.3 km  
 RMS: 0.52s GAP: 79.3° NR: 35

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	23	23.42	3.72	213.6	0.012
MMN9	S	23	24.21	3.72	213.6	-0.257
MMNB	P	23	24.25	7.79	119.0	0.211
MMNB	S	23	25.65	7.79	119.0	0.090
MMN	P	23	24.36	7.85	245.9	0.308
MMN	S	23	25.50	7.85	245.9	-0.082
TDS	P	23	29.29	36.65	142.1	-0.006
TDS	S	23	35.36	36.65	142.1	0.693
CET2	P	23	30.47	44.61	193.5	-0.536
CET2	S	23	36.96	44.61	193.5	-0.667
SPS2	P	23	35.91	73.41	162.0	0.239
SPS2	S	23	46.56	73.41	162.0	0.853
ROG2	P	23	38.55	85.11	165.3	0.863
ROG2	S	23	48.36	85.11	165.3	-0.838
SMIN	P	23	40.75	105.96	172.9	-0.522
SMIN	S	23	54.55	105.96	172.9	-0.857

2 150901 0105 54.6 - Sila Grande  
 Lat: 39.34 Lon: 16.48 Prof: 7.6 Km  
 ± 0.44 km ± 0.50 km ± 2.5 km  
 RMS: 0.43s GAP: 38.0° NR: 41

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	05	56.75	6.32	52.3	-0.032
CUP2	S	05	58.31	6.32	52.3	-0.027
SPS2	P	05	57.85	14.52	243.7	0.016
SPS2	S	06	.16	14.52	243.7	0.000
SCOI	P	05	59.07	21.18	251.8	0.190
SCOI	S	06	2.29	21.18	251.8	0.319
CSC2	P	05	59.11	21.17	250.8	0.225
CSC2	S	06	2.64	21.17	250.8	0.661
ROG2	P	06	- .43	23.62	216.7	0.228
ROG2	S	06	2.88	23.62	216.7	0.125
TDS	P	06	1.41	36.90	339.1	-0.124
TDS	S	06	6.92	36.90	339.1	0.352
LADO	P	06	2.47	42.81	99.4	-0.106
LADO	S	06	9.10	42.81	99.4	0.727
CET2	P	06	3.47	50.23	293.5	-0.622
CET2	S	06	10.65	50.23	293.5	-0.348
SMIN	P	06	3.59	47.45	208.4	0.205
SMIN	S	06	9.54	47.45	208.4	-0.234
UC01	P	06	7.09	66.22	196.6	0.289
UC01	S	06	14.90	66.22	196.6	-0.790

3 150901 0110 30.8 - Sila Grande  
 Lat: 39.31 Lon: 16.48 Prof: .4 Km  
 ± 0.25 km ± 0.88 km ± 0.5 km  
 RMS: 0.11s GAP: 244.2° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	10	32.98	9.52	34.3	-0.029
CUP2	S	10	34.56	9.52	34.3	-0.022

4 150901 0113 49.3 - Piana bat. ionica  
 Lat: 36.97 Lon: 16.50 Prof: 30.9 Km  
 ± 1.86 km ± 2.22 km ± 3.8 km  
 RMS: 0.49s GAP: 259.7° NR: 34

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	14	9.77	127.49	333.3	0.253
CNDF	S	14	24.33	127.49	333.3	0.034
CET2	P	14	30.00	287.31	350.4	0.000

5 150901 0137 35.5 - Scarpata di Paola  
 Lat: 39.17 Lon: 15.65 Prof: 226.5 Km  
 ± 2.71 km ± 3.76 km ± 4.0 km  
 RMS: 0.47s GAP: 196.4° NR: 38

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	38	5.37	47.62	33.6	0.074
CET2	S	38	27.16	47.62	33.6	0.128
SMIN	P	38	5.44	54.53	113.9	-0.726
SMIN	S	38	27.89	54.53	113.9	-0.650
SPS2	P	38	6.03	60.86	77.4	-0.347

SPS2	S	38	28.37	60.86	77.4	-0.535
CUP2	P	38	7.55	80.93	73.1	0.431
CUP2	S	38	30.13	80.93	73.1	-0.060
TDS	P	38	7.91	80.25	47.6	0.793
TDS	S	38	30.82	80.25	47.6	0.633
LADO	P	38	8.58	115.37	83.7	-0.055
LADO	S	38	33.34	115.37	83.7	0.523
CNDF	P	38	9.84	130.78	172.4	0.084
CNDF	S	38	35.41	130.78	172.4	0.653

6 150901 0159 34.2 - Alto Tirreno Cosentino  
 Lat: 39.81 Lon: 16.07 Prof: 0.0 Km  
 ± 0.46 km ± 1.97 km ± 1.2 km  
 RMS: 0.27s GAP: 210.0° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	59	36.30	9.27	348.1	0.020
MMN9	S	59	37.46	9.27	348.1	-0.338
MMN	P	59	36.93	11.39	322.0	0.185
MMN	S	59	38.58	11.39	322.0	-0.024
CET2	P	59	41.65	32.84	198.1	0.143
CET2	S	59	46.52	32.84	198.1	-0.331

7 150901 0400 21.9 - Bacino di Alicudi  
 Lat: 38.49 Lon: 14.67 Prof: 14.7 Km  
 ± 1.04 km ± 0.78 km ± 2.6 km  
 RMS: 0.40s GAP: 125.6° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	00	45.69	159.14	44.6	0.456
CET2	S	01	2.82	159.14	44.6	0.522

8 150901 0739 35.2 - Sila Grande  
 Lat: 39.31 Lon: 16.48 Prof: .4 Km  
 ± 0.07 km ± 0.25 km ± 0.1 km  
 RMS: 0.03s GAP: 244.3° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	39	37.36	9.35	34.5	-0.017
CUP2	S	39	38.93	9.35	34.5	0.008

9 150901 1601 50.0 - Alto Tirreno Cosentino  
 Lat: 39.84 Lon: 16.01 Prof: 1.7 Km  
 ± 0.43 km ± 0.75 km ± 1.1 km  
 RMS: 0.24s GAP: 156.4° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN1	P	01	51.39	5.08	336.8	0.066
MMN1	S	01	52.26	5.08	336.8	0.004
MMN	P	01	51.44	5.44	339.9	0.052
MMN	S	01	52.14	5.44	339.9	-0.229
MMN9	P	01	51.60	6.13	31.8	0.058
MMN9	S	01	52.53	6.13	31.8	-0.105
CET2	P	01	57.39	35.44	188.2	0.286
CET2	S	02	1.82	35.44	188.2	-0.447

10 150901 1601 58.7 - Maratea - Rotonda  
 Lat: 39.93 Lon: 16.00 Prof: 0.0 Km  
 ± 0.61 km ± 0.38 km ± 0.5 km  
 RMS: 0.10s GAP: 304.0° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	02	- .26	4.58	192.3	-0.062
MMN	S	02	.43	4.58	192.3	-0.122
MMN1	P	02	- .05	5.04	192.7	0.046
MMN1	S	02	.87	5.04	192.7	0.141
MMN9	P	02	.13	6.02	136.7	0.016
MMN9	S	02	1.09	6.02	136.7	-0.016

11 150901 1604 04.2 - Valle dell'Esaro  
 Lat: 39.77 Lon: 16.22 Prof: 0.0 Km  
 ± 0.56 km ± 0.55 km ± 1.9 km  
 RMS: 0.42s GAP: 81.5° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNB	P	04	6.75	13.90	334.2	-0.560
MMNB	S	04	9.74	13.90	334.2	0.162
TDS	P	04	8.15	15.88	142.6	0.404
TDS	S	04	11.09	15.88	142.6	0.762
MMN	P	04	9.49	23.93	303.2	-0.049







**34** 150904 0154 51.2 - Aspromonte  
 Lat: 38.07 Lon: 15.97 Prof: 19.3 Km  
 ± 0.83 km ± 0.88 km ± 2.4 km  
 RMS: 0.41s GAP: 72.6° NR: 26

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	54	55.73	13.06	230.3	0.260
CNDF	S	54	57.87	13.06	230.3	-0.719
SPS2	P	55	14.40	138.31	13.4	-0.565
CET2	P	55	15.75	160.97	359.7	-0.167

**35** 150904 0222 25.6 - Scarpata di Paola  
 Lat: 39.11 Lon: 15.48 Prof: 15.3 Km  
 ± 1.12 km ± 2.25 km ± 2.0 km  
 RMS: 0.25s GAP: 252.8° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	22	35.52	61.01	41.7	-0.219
CET2	S	22	43.17	61.01	41.7	0.024
ROG2	P	22	38.84	72.85	84.8	0.353
ROG2	S	22	47.61	72.85	84.8	-0.296
SPS2	P	22	38.96	76.08	75.4	0.026
SPS2	S	22	48.80	76.08	75.4	0.120

**36** 150904 0534 41.9 - Maratea - Rotonda  
 Lat: 39.91 Lon: 16.01 Prof: 0.0 Km  
 ± 0.54 km ± 0.47 km ± 1.0 km  
 RMS: 0.21s GAP: 193.4° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN1	P	34	42.62	3.86	211.8	-0.156
MMN1	S	34	43.41	3.86	211.8	-0.014
MMN	P	34	42.63	3.42	213.9	-0.046
MMN	S	34	43.46	3.42	213.9	0.209
MMN9	P	34	42.80	4.21	130.6	-0.055
MMN9	S	34	43.80	4.21	130.6	0.238

**37** 150904 1343 49.0 - Presila nord-or.  
 Lat: 39.33 Lon: 16.99 Prof: 19.2 Km  
 ± 3.38 km ± 2.81 km ± 1.2 km  
 RMS: 0.20s GAP: 325.9° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	43	52.84	5.33	196.4	0.107
LADO	S	43	55.32	5.33	196.4	-0.118

**38** 150904 1800 57.0 - Maratea - Rotonda  
 Lat: 39.90 Lon: 15.87 Prof: 56.3 Km  
 ± 0.50 km ± 0.88 km ± 3.8 km  
 RMS: 0.49s GAP: 73.0° NR: 09

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	01	6.35	10.17	101.1	0.049
MMN	S	01	12.44	10.17	101.1	-0.658
MMN1	P	01	6.37	10.14	103.6	0.054
MMN1	S	01	12.32	10.14	103.6	-0.804
MMN9	P	01	6.63	15.20	97.0	0.121
MMN9	S	01	13.15	15.20	97.0	-0.306
MMNB	P	01	7.30	24.10	96.0	0.150
MMNB	S	01	13.64	24.10	96.0	-0.928
CET2	P	01	8.37	42.68	170.9	0.786
CET2	S	01	15.24	42.68	170.9	-0.079
TDS	P	01	9.05	48.36	124.9	0.278
TDS	S	01	16.84	48.36	124.9	-0.537
SPS2	P	01	11.97	79.30	149.8	-0.285
SPS2	S	01	22.83	79.30	149.8	-0.580
SCOI	P	01	12.03	76.16	154.5	0.203
SCOI	S	01	22.12	76.16	154.5	-0.548
ROI	P	01	12.05	70.34	122.1	0.882
ROI	S	01	21.94	70.34	122.1	0.414
ROG2	P	01	13.02	89.86	154.5	-0.504
ROG2	S	01	25.50	89.86	154.5	-0.107
SMIN	P	01	15.06	108.21	163.7	-0.717
SMIN	S	01	29.29	108.21	163.7	-0.218
LADO	P	01	17.14	117.55	126.0	0.666
LADO	S	01	31.42	117.55	126.0	0.705
UC01	P	01	18.13	130.11	164.9	-0.121
UC01	S	01	33.44	130.11	164.9	-0.354
CNDF	P	01	28.66	211.47	180.6	0.414

**39** 150904 1912 37.6 - Alto Tirreno Cosentino  
 Lat: 39.87 Lon: 15.84 Prof: 52.0 Km  
 ± 0.86 km ± 1.35 km ± 3.9 km  
 RMS: 0.51s GAP: 106.8° NR: 47

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN1	P	12	46.46	12.75	86.7	0.002
MMN1	S	12	52.32	12.75	86.7	-0.616
MMN	P	12	46.58	12.91	84.8	0.129
MMN	S	12	52.21	12.91	84.8	-0.710
MMN9	P	12	47.67	18.02	86.0	0.961
MMN9	S	12	53.08	18.02	86.0	-0.296
MMNB	P	12	48.38	26.86	88.7	0.929
MMNB	S	12	54.20	26.86	88.7	-0.464
CET2	P	12	48.42	40.20	166.1	0.837
CET2	S	12	55.20	40.20	166.1	0.316
TDS	P	12	49.05	49.12	120.0	-0.059
TDS	S	12	58.40	49.12	120.0	0.876
ROI	P	12	52.10	71.24	118.7	0.461
ROI	S	13	2.43	71.24	118.7	0.517
ROG2	P	12	53.11	88.37	151.9	-0.663
ROG2	S	13	5.54	88.37	151.9	-0.065
SMIN	P	12	55.15	106.09	161.8	-0.830
SMIN	S	13	8.52	106.09	161.8	-0.911

**40** 150904 2120 43.6 - Piana bat. ionica  
 Lat: 38.00 Lon: 16.59 Prof: 45.7 Km  
 ± 1.33 km ± 1.88 km ± 3.6 km  
 RMS: 0.45s GAP: 222.5° NR: 33

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	20	56.72	64.47	270.3	0.579
CNDF	S	21	5.82	64.47	270.3	0.560

**41** 150904 2217 03.0 - Piana bat. ionica  
 Lat: 37.97 Lon: 16.47 Prof: 29.6 Km  
 ± 1.33 km ± 1.34 km ± 0.9 km  
 RMS: 0.13s GAP: 276.9° NR: 5

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	17	13.92	54.53	273.1	0.091
CNDF	S	17	21.59	54.53	273.1	-0.107

**42** 150905 1231 34.3 - Scarpata di Paola  
 Lat: 39.05 Lon: 15.58 Prof: 215.0 Km  
 ± 3.08 km ± 3.82 km ± 3.2 km  
 RMS: 0.37s GAP: 155.4° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	32	3.12	56.47	99.0	-0.521
SMIN	S	32	24.37	56.47	99.0	-0.738
CET2	P	32	3.72	61.97	31.4	0.563
CET2	S	32	24.69	61.97	31.4	0.421

**43** 150905 1518 49.8 - Sila Grande  
 Lat: 39.34 Lon: 16.48 Prof: 8.2 Km  
 ± 0.51 km ± 0.53 km ± 2.7 km  
 RMS: 0.46s GAP: 37.8° NR: 40

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	18	51.85	6.87	50.4	-0.251
CUP2	S	18	53.38	6.87	50.4	-0.377
SPS2	P	18	52.93	14.04	245.1	-0.053
SPS2	S	18	55.34	14.04	245.1	0.054
SCOI	P	18	54.20	20.75	252.9	0.181
SCOI	S	18	57.39	20.75	252.9	0.313
CSC2	P	18	54.30	20.74	251.9	0.281
CSC2	S	18	58.00	20.74	251.9	0.919
ROG2	P	18	54.63	23.03	216.9	0.188
ROG2	S	18	57.94	23.03	216.9	0.128
ROI	P	18	55.95	26.26	15.5	0.737
ROI	S	19	-0.22	26.26	15.5	0.630
TDS	P	18	56.48	37.28	339.8	-0.313
TDS	S	19	1.87	37.28	339.8	-0.014
LADO	P	18	57.58	43.02	98.6	-0.226
LADO	S	19	4.56	43.02	98.6	0.922
CET2	P	18	58.55	50.17	294.1	-0.720
CET2	S	19	5.23	50.17	294.1	-0.945
SMIN	P	18	58.75	46.86	208.4	0.272
SMIN	S	19	4.74	46.86	208.4	-0.064

**44** 150905 1526 49.7 - Sila Grande  
 Lat: 39.34 Lon: 16.48 Prof: 8.1 Km  
 ± 0.46 km ± 0.55 km ± 2.8 km  
 RMS: 0.48s GAP: 37.9° NR: 48

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	26	51.86	6.82	49.4	-0.167
CUP2	S	26	53.44	6.82	49.4	-0.233
SPS2	P	26	52.97	14.11	245.5	0.040
SPS2	S	26	55.33	14.11	245.5	0.094
SCOI	P	26	54.22	20.84	253.1	0.251
SCOI	S	26	57.62	20.84	253.1	0.583
ROG2	P	26	54.51	23.05	217.2	0.130
ROG2	S	26	58.38	23.05	217.2	0.633
ROI	P	26	55.78	26.28	15.3	0.625
ROI	S	27	-.21	26.28	15.3	0.690
TDS	P	26	56.55	37.37	339.6	-0.197
TDS	S	27	1.75	37.37	339.6	-0.099
LADO	P	26	57.65	42.90	98.6	-0.075
LADO	S	27	4.42	42.90	98.6	0.879
SMIN	P	26	58.48	46.87	208.5	0.063
SMIN	S	27	4.57	46.87	208.5	-0.169
CET2	P	26	58.61	50.30	294.1	-0.622
CET2	S	27	5.35	50.30	294.1	-0.803
UC01	P	27	2.23	65.63	196.6	0.406
UC01	S	27	10.57	65.63	196.6	-0.071
MMN	P	27	3.34	74.26	324.9	0.181
MMN	S	27	13.07	74.26	324.9	0.118
MMN1	P	27	4.02	73.97	324.6	0.899
MMN1	S	27	13.83	73.97	324.6	0.942

**45** 150905 1529 51.5 - Sila Grande  
 Lat: 39.35 Lon: 16.48 Prof: 6.3 Km  
 ± 1.15 km ± 1.00 km ± 2.2 km  
 RMS: 0.38s GAP: 91.2° NR: 9

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	29	59.48	43.47	99.8	-0.036
CET2	P	30	.33	49.51	293.3	-0.478

**46** 150905 1723 16.8 - Bacino di Gioia  
 Lat: 38.47 Lon: 15.48 Prof: 129.4 Km  
 ± 1.61 km ± 2.06 km ± 3.3 km  
 RMS: 0.40s GAP: 123.6° NR: 34

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	23	36.69	62.19	148.6	0.166
CNDF	S	23	51.41	62.19	148.6	0.488
SMIN	P	23	37.91	84.82	50.0	-0.325
SMIN	S	23	53.32	84.82	50.0	-0.565
CET2	P	23	41.33	123.42	19.6	0.706
LADO	P	23	44.27	157.55	55.5	-0.129
LADO	S	24	5.09	157.55	55.5	0.530

**47** 150905 2025 36.2 - Bacino di Gioia  
 Lat: 38.53 Lon: 15.52 Prof: 90.5 Km  
 ± 0.89 km ± 1.33 km ± 3.9 km  
 RMS: 0.49s GAP: 68.2° NR: 67

STN	PHASE	MN	SEC	DIST	AZM	RES
UC01	P	25	52.44	70.11	67.8	-0.154
UC01	S	26	3.89	70.11	67.8	-0.658
CNDF	P	25	52.75	65.92	154.2	0.610
CNDF	S	26	4.70	65.92	154.2	0.937
SMIN	P	25	52.97	77.95	51.8	-0.444
SMIN	S	26	5.71	77.95	51.8	-0.259
ROG2	P	25	54.90	99.51	44.5	-0.598
ROG2	S	26	8.99	99.51	44.5	-0.588
SPS2	P	25	56.10	109.49	40.3	-0.428
SPS2	S	26	10.65	109.49	40.3	-0.720
CET2	P	25	56.81	116.25	18.9	0.454
CET2	S	26	10.92	116.25	18.9	-0.151
CUP2	P	25	58.76	129.21	43.4	0.238
CUP2	S	26	15.64	129.21	43.4	0.824
LADO	P	26	1.42	150.94	56.6	0.723
LADO	S	26	18.93	150.94	56.6	0.339

**48** 150906 0318 49.4 - Bacino di Gioia  
 Lat: 38.50 Lon: 15.50 Prof: 125.1 Km  
 ± 1.13 km ± 1.78 km ± 3.3 km  
 RMS: 0.40s GAP: 141.4° NR: 51

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	19	8.70	63.17	151.3	-0.053
CNDF	S	19	23.47	63.17	151.3	0.617
SMIN	P	19	9.99	81.74	50.4	-0.235
SMIN	S	19	25.26	81.74	50.4	-0.142
ROG2	P	19	11.67	103.52	43.6	-0.299
ROG2	S	19	28.35	103.52	43.6	-0.072
CSC2	P	19	12.20	108.86	37.0	-0.177
CSC2	S	19	29.19	108.86	37.0	0.061
SPS2	P	19	12.57	113.60	39.6	-0.281
SPS2	S	19	29.94	113.60	39.6	-0.010
CET2	P	19	13.32	120.53	19.1	0.672
CET2	S	19	29.15	120.53	19.1	-0.447
CUP2	P	19	15.53	133.24	42.8	0.958
CUP2	S	19	33.18	133.24	42.8	0.251

**49** 150906 0524 01.6 - Offshore Cilento  
 Lat: 39.97 Lon: 15.23 Prof: 3.5 Km  
 ± 1.04 km ± 1.36 km ± 1.9 km  
 RMS: 0.43s GAP: 238.2° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	24	15.86	79.15	128.7	0.426
CET2	S	24	25.43	79.15	128.7	-0.090

**50** 150906 1346 04.6 - Sila Piccola  
 Lat: 39.14 Lon: 16.50 Prof: 13.6 Km  
 ± 0.58 km ± 0.43 km ± 1.0 km  
 RMS: 0.17s GAP: 171.7° NR: 11

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	46	9.31	21.90	319.7	-0.072
SPS2	S	46	12.69	21.90	319.7	-0.192

**51** 150906 1419 44.8 - Sila Grande  
 Lat: 39.35 Lon: 16.48 Prof: 7.6 Km  
 ± 0.45 km ± 0.44 km ± 2.0 km  
 RMS: 0.35s GAP: 39.8° NR: 33

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	19	47.10	6.08	58.0	0.111
CUP2	S	19	48.63	6.08	58.0	0.107
SPS2	P	19	48.16	14.68	241.2	0.065
SPS2	S	19	50.36	14.68	241.2	-0.080
CSC2	P	19	49.55	21.25	249.0	0.419
CSC2	S	19	52.97	21.25	249.0	0.737
ROG2	P	19	49.72	24.04	215.5	0.080
ROG2	S	19	53.30	24.04	215.5	0.183
ROI	P	19	50.47	25.11	15.9	0.418
ROI	S	19	54.13	25.11	15.9	0.301
TDS	P	19	51.60	36.25	338.9	-0.055
TDS	S	19	56.47	36.25	338.9	-0.136
LADO	P	19	53.01	43.07	100.2	0.158
LADO	S	19	59.32	43.07	100.2	0.638
CET2	P	19	53.82	49.84	292.9	-0.438
CET2	S	20	.43	49.84	292.9	-0.685
SMIN	P	19	53.95	47.95	207.9	0.244
SMIN	S	20	-.01	47.95	207.9	-0.168

**52** 150906 1716 22.6 - Sila Piccola  
 Lat: 39.13 Lon: 16.48 Prof: 12.8 Km  
 ± 0.54 km ± 0.39 km ± 1.6 km  
 RMS: 0.27s GAP: 67.2° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	16	26.35	14.93	289.4	0.034
ROG2	S	16	29.35	14.93	289.4	0.320
SPS2	P	16	27.27	21.77	323.4	-0.033
SPS2	S	16	30.76	21.77	323.4	0.019
SMIN	P	16	28.48	28.74	231.6	0.086
SMIN	S	16	32.80	28.74	231.6	0.173
LADO	P	16	31.59	45.54	68.2	0.441
LADO	S	16	38.14	45.54	68.2	0.741

53 150906 1730 28.0 - Sila Piccola  
 Lat: 39.12 Lon: 16.49 Prof: 14.6 Km  
 ± 0.46 km ± 0.21 km ± 0.4 km  
 RMS: 0.07s GAP: 171.5° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	30	31.98	15.74	291.9	-0.064
ROG2	S	30	35.06	15.74	291.9	0.075

54 150906 1735 12.0 - Sila Piccola  
 Lat: 39.14 Lon: 16.50 Prof: 17.9 Km  
 ± 0.75 km ± 0.80 km ± 2.7 km  
 RMS: 0.47s GAP: 61.7° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	35	16.39	15.67	285.6	-0.059
ROG2	S	35	19.45	15.67	285.6	-0.226
SMIN	P	35	18.66	29.99	231.7	0.261
SMIN	S	35	22.78	29.99	231.7	-0.271
ROI	P	35	21.10	48.30	6.9	-0.444
ROI	S	35	28.03	48.30	6.9	-0.470
LADO	P	35	21.10	44.33	68.6	0.467
LADO	S	35	26.96	44.33	68.6	0.038

55 150906 1754 19.2 - Appennino Lucano  
 Lat: 40.45 Lon: 16.17 Prof: 0.0 Km  
 ± 0.52 km ± 0.72 km ± 2.5 km  
 RMS: 0.56s GAP: 88.2° NR: 44

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	54	32.49	64.45	194.5	0.923
MMN	S	54	40.88	64.45	194.5	0.268
MMN1	P	54	32.59	64.91	194.5	0.935
MMN1	S	54	41.38	64.91	194.5	0.614
TDS	P	54	35.41	89.14	171.3	-0.326
CET2	P	54	37.84	104.39	190.7	-0.866
ROI	P	54	38.18	103.36	161.1	-0.475
ROI	S	54	52.45	103.36	161.1	-0.440
LADO	P	54	46.31	146.76	152.0	0.606
LADO	S	55	5.21	146.76	152.0	0.112

56 150906 1901 42.0 - Sila Piccola  
 Lat: 39.13 Lon: 16.49 Prof: 18.3 Km  
 ± 0.65 km ± 0.68 km ± 2.5 km  
 RMS: 0.44s GAP: 61.8° NR: 26

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	01	46.51	15.43	290.0	0.038
ROG2	S	01	49.57	15.43	290.0	-0.143
SPS2	P	01	47.35	22.28	323.0	0.024
SPS2	S	01	50.84	22.28	323.0	-0.354
CUP2	P	01	48.47	28.47	9.3	0.159
CUP2	S	01	53.54	28.47	9.3	0.639
SMIN	P	01	48.68	28.87	232.6	0.416
SMIN	S	01	52.90	28.87	232.6	0.079
ROI	P	01	51.07	49.42	7.4	-0.677
ROI	S	01	58.03	49.42	7.4	-0.824
LADO	P	01	51.75	45.27	67.6	0.943
LADO	S	01	57.12	45.27	67.6	-0.107

57 150907 0327 15.8 - Alto Tirreno Cosentino  
 Lat: 39.90 Lon: 16.07 Prof: 2.0 Km  
 ± 0.59 km ± 0.25 km ± 0.2 km  
 RMS: 0.05s GAP: 337.0° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	27	16.77	2.83	233.4	-0.043
MMN9	S	27	17.54	2.83	233.4	0.050
MMN	P	27	17.72	7.59	256.4	0.024
MMN	S	27	18.99	7.59	256.4	-0.027
MMN1	P	27	17.77	7.83	253.5	0.019
MMN1	S	27	19.09	7.83	253.5	-0.022

58 150907 0510 48.0 - G. di S. Eufemia  
 Lat: 38.89 Lon: 15.96 Prof: 43.6 Km  
 ± 1.98 km ± 3.21 km ± 5.4 km  
 RMS: 0.67s GAP: 136.2° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	11	.56	70.63	359.7	0.369

CET2 S 11 9.01 70.63 359.7 -0.095

59 150907 1009 28.1 - Bacino di Gioia  
 Lat: 38.30 Lon: 15.64 Prof: 69.1 Km  
 ± 0.95 km ± 0.86 km ± 3.6 km  
 RMS: 0.45s GAP: 44.1° NR: 53

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	09	40.25	38.28	150.8	0.262
CNDF	S	09	49.49	38.28	150.8	0.855
SMIN	P	09	44.66	90.16	34.7	-0.486
SMIN	S	09	56.68	90.16	34.7	-0.887
ROG2	P	09	48.60	113.89	31.6	0.721
ROG2	S	10	1.94	113.89	31.6	-0.360
CET2	P	09	50.18	138.71	11.5	0.561
CET2	S	10	6.30	138.71	11.5	0.988

60 150907 2326 24.7 - Canyon di Stromboli  
 Lat: 38.77 Lon: 15.56 Prof: 156.3 Km  
 ± 1.92 km ± 2.07 km ± 2.4 km  
 RMS: 0.29s GAP: 201.5° NR: 27

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	26	47.14	61.37	68.9	-0.301
SMIN	S	27	3.45	61.37	68.9	-0.629
CNDF	P	26	48.95	88.94	163.9	0.104
CNDF	S	27	6.95	88.94	163.9	0.435

61 150908 0459 02.4 - Marchesato  
 Lat: 39.05 Lon: 16.80 Prof: 17.6 Km  
 ± 1.61 km ± 1.63 km ± 1.2 km  
 RMS: 0.21s GAP: 228.3° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	59	8.43	29.32	29.7	-0.200
LADO	S	59	13.41	29.32	29.7	0.232

62 150908 0537 55.5 - Bacino di Alicudi  
 Lat: 38.46 Lon: 14.01 Prof: 11.7 Km  
 ± 0.75 km ± 0.63 km ± 2.3 km  
 RMS: 0.40s GAP: 121.1° NR: 41

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	38	29.15	221.77	66.3	0.050

63 150908 1116 51.1 - Aspromonte  
 Lat: 38.16 Lon: 15.80 Prof: 11.3 Km  
 ± 1.17 km ± 1.30 km ± 3.4 km  
 RMS: 0.58s GAP: 84.7° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	16	55.87	18.07	165.8	0.784
CNDF	S	16	58.51	18.07	165.8	0.520

64 150909 0031 03.8 - Bacino di Gioia  
 Lat: 38.49 Lon: 15.44 Prof: 129.5 Km  
 ± 3.06 km ± 4.19 km ± 3.1 km  
 RMS: 0.37s GAP: 265.0° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	31	23.80	65.58	147.4	0.023
CNDF	S	31	38.76	65.58	147.4	0.430
SMIN	P	31	25.17	85.71	52.4	-0.181
SMIN	S	31	40.55	85.71	52.4	-0.506

65 150909 0335 55.7 - M. Peloritani  
 Lat: 38.07 Lon: 15.08 Prof: 17.6 Km  
 ± 0.61 km ± 0.42 km ± 2.5 km  
 RMS: 0.44s GAP: 69.7° NR: 44

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	36	8.19	67.98	96.8	0.009
CNDF	S	36	17.95	67.98	96.8	0.637

66 150910 0044 18.1 - Bacino di Gioia  
 Lat: 38.40 Lon: 15.34 Prof: 112.1 Km  
 ± 1.42 km ± 1.67 km ± 3.1 km  
 RMS: 0.39s GAP: 157.8° NR: 33

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	44	36.20	63.51	135.2	0.146
CNDF	S	44	49.63	63.51	135.2	0.490
SMIN	P	44	39.14	99.46	51.1	-0.013
SMIN	S	44	54.50	99.46	51.1	-0.008
SPS2	P	44	41.56	130.85	41.6	-0.622
SPS2	S	45	-.07	130.85	41.6	0.167

**67** 150910 1409 50.9 - G. di Policastro  
Lat: 39.87 Lon: 15.61 Prof: 2.5 Km  
± 0.54 km ± 0.72 km ± 2.2 km  
RMS: 0.48s GAP: 143.1° NR: 59

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	09	57.41	31.81	87.3	0.101
MMN	S	10	2.05	31.81	87.3	0.054
MMN1	P	09	57.42	31.66	88.1	0.127
MMN1	S	10	2.14	31.66	88.1	0.170
MMN9	P	09	58.17	36.91	87.5	-0.039
MMN9	S	10	3.82	36.91	87.5	0.262
CET2	P	10	-.46	48.09	143.6	-0.693
CET2	S	10	6.76	48.09	143.6	-0.283
MMNB	P	10	.12	45.77	88.9	-0.211
MMNB	S	10	6.93	45.77	88.9	-0.303
TDS	P	10	3.15	66.05	111.5	0.035
TDS	S	10	11.87	66.05	111.5	-0.182
SCOI	P	10	6.87	85.09	140.2	0.470
SCOI	S	10	17.09	85.09	140.2	-0.652
ROI	P	10	7.86	88.17	112.6	0.514
ROI	S	10	19.27	88.17	112.6	-0.109
SPS2	P	10	8.00	89.66	136.6	0.769
SPS2	S	10	18.43	89.66	136.6	-0.751
ROG2	P	10	8.36	98.44	142.1	-0.387
ROG2	S	10	20.99	98.44	142.1	-0.818
CUP2	P	10	9.26	96.70	124.5	0.806
CUP2	S	10	20.49	96.70	124.5	-0.809
SMIN	P	10	10.46	113.14	152.6	-0.459
SMIN	S	10	25.08	113.14	152.6	-0.487
CNDF	P	10	23.18	208.92	174.6	0.258

**68** 150910 2138 55.3 - Alto Tirreno Cosentino  
Lat: 39.84 Lon: 16.11 Prof: 5.8 Km  
± 0.82 km ± 0.77 km ± 2.0 km  
RMS: 0.45s GAP: 128.8° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	38	57.76	7.40	311.7	0.204
MMN9	S	38	59.32	7.40	311.7	0.127
MMN	P	38	58.38	11.68	294.4	0.079
MMN	S	39	-.50	11.68	294.4	-0.993
MMN1	P	38	58.41	11.62	292.2	0.105
MMN1	S	39	.25	11.62	292.2	-0.238
CET2	P	39	2.71	37.97	201.4	-0.319
CET2	S	39	7.86	37.97	201.4	-0.819

**69** 150911 0133 32.8 - Sila Grande  
Lat: 39.27 Lon: 16.44 Prof: 0.0 Km  
± 0.48 km ± 0.38 km ± 1.1 km  
RMS: 0.24s GAP: 118.0° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	33	34.93	9.45	278.6	-0.005
SPS2	S	33	36.62	9.45	278.6	0.143
CUP2	P	33	35.73	14.57	36.6	-0.350
CUP2	S	33	38.95	14.57	36.6	0.490
ROG2	P	33	36.15	15.24	223.2	-0.070
ROG2	S	33	38.83	15.24	223.2	0.129

**70** 150911 0520 32.2 - G. di S. Eufemia  
Lat: 38.81 Lon: 16.11 Prof: 12.4 Km  
± 1.03 km ± 1.02 km ± 1.9 km  
RMS: 0.33s GAP: 193.7° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
UC01	P	20	35.84	14.45	107.1	-0.048
UC01	S	20	38.21	14.45	107.1	-0.374
VBL2	P	20	36.33	15.73	181.1	0.335
VBL2	S	20	38.90	15.73	181.1	0.132

**71** 150911 1309 08.2 - Bacino di Gioia  
Lat: 38.70 Lon: 15.72 Prof: 158.8 Km  
± 1.80 km ± 3.67 km ± 3.4 km  
RMS: 0.41s GAP: 140.4° NR: 31

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	09	30.52	53.01	56.3	-0.382
SMIN	S	09	46.73	53.01	56.3	-0.769
UC01	P	09	30.53	48.37	80.9	-0.064
UC01	S	09	47.16	48.37	80.9	0.192
ROG2	P	09	31.32	74.08	45.2	-0.628
ROG2	S	09	48.63	74.08	45.2	-0.683
CNDF	P	09	32.13	79.00	171.6	0.082
CNDF	S	09	50.07	79.00	171.6	0.589
CET2	P	09	33.20	93.45	12.7	0.796
CET2	S	09	50.46	93.45	12.7	0.362

**72** 150911 1449 39.0 - Canyon di Stromboli  
Lat: 38.52 Lon: 15.40 Prof: 126.9 Km  
± 1.72 km ± 2.64 km ± 2.2 km  
RMS: 0.26s GAP: 269.5° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	49	59.04	70.25	146.1	0.134
CNDF	S	50	13.81	70.25	146.1	0.339
UC01	P	50	-.35	80.34	69.9	-0.029
UC01	S	50	14.82	80.34	69.9	0.013
SMIN	P	50	.13	87.10	55.5	-0.188
SMIN	S	50	15.31	87.10	55.5	-0.605

**73** 150911 1653 06.7 - Stretto di Messina  
Lat: 38.12 Lon: 15.66 Prof: 11.2 Km  
± 0.45 km ± 0.36 km ± 1.5 km  
RMS: 0.25s GAP: 91.0° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	53	11.56	21.58	128.8	0.186
CNDF	S	53	14.46	21.58	128.8	-0.264

**74** 150911 1749 40.1 - Sila Piccola  
Lat: 39.13 Lon: 16.51 Prof: 21.5 Km  
± 1.08 km ± 0.96 km ± 2.3 km  
RMS: 0.39s GAP: 107.3° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	49	46.83	27.53	6.2	0.213
CUP2	S	49	51.50	27.53	6.2	0.163
SMIN	P	49	47.41	30.62	233.4	0.472
SMIN	S	49	51.45	30.62	233.4	-0.447
CET2	P	49	52.16	64.86	312.1	0.051
CET2	S	50	.17	64.86	312.1	-0.680

**75** 150911 2006 13.6 - Canyon di Stromboli  
Lat: 38.47 Lon: 15.34 Prof: 118.8 Km  
± 2.72 km ± 3.87 km ± 2.6 km  
RMS: 0.32s GAP: 277.3° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	06	32.57	69.09	140.4	-0.068
CNDF	S	06	47.07	69.09	140.4	0.548

**76** 150911 2231 52.9 - Bacino di Gioia  
Lat: 38.47 Lon: 15.43 Prof: 129.1 Km  
± 2.58 km ± 2.81 km ± 1.6 km  
RMS: 0.19s GAP: 285.2° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	32	12.57	64.45	145.3	-0.143
CNDF	S	32	27.35	64.45	145.3	0.167

**77** 150912 0426 02.4 - Milazzo  
Lat: 38.30 Lon: 15.52 Prof: 118.4 Km  
± 2.01 km ± 2.31 km ± 3.2 km  
RMS: 0.40s GAP: 113.4° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	26	27.39	140.83	15.6	0.292
CET2	S	26	45.44	140.83	15.6	0.291



91 150914 0253 60.0 - Sila Piccola  
 Lat: 39.11 Lon: 16.45 Prof: 4.2 Km  
 ± 0.62 km ± 0.48 km ± 1.3 km  
 RMS: 0.23s GAP: 191.1° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	54	2.84	13.41	303.5	0.004
ROG2	S	54	4.93	13.41	303.5	0.019
SPS2	P	54	4.26	22.32	333.1	-0.103
SPS2	S	54	7.47	22.32	333.1	-0.087
CUP2	P	54	5.98	31.23	14.7	-0.005
CUP2	S	54	11.17	31.23	14.7	0.805

92 150914 1922 12.2 - Sila Piccola  
 Lat: 39.15 Lon: 16.49 Prof: 19.4 Km  
 ± 0.67 km ± 0.69 km ± 2.1 km  
 RMS: 0.36s GAP: 54.2° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	22	16.91	15.00	278.0	0.085
ROG2	S	22	19.70	15.00	278.0	-0.433
SPS2	P	22	17.46	20.07	316.7	0.048
SPS2	S	22	20.93	20.07	316.7	-0.232
SMIN	P	22	19.10	31.17	228.4	0.149
SMIN	S	22	23.88	31.17	228.4	0.054
CET2	P	22	24.22	62.26	311.2	0.285
CET2	S	22	31.89	62.26	311.2	-0.565

93 150915 0321 50.7 - Sila Piccola  
 Lat: 39.10 Lon: 16.54 Prof: 0.0 Km  
 ±31.71 km ±16.37 km ± 2.3 km  
 RMS: 0.52s GAP: 179.8° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	21	57.26	30.84	241.9	0.214
SMIN	S	22	1.09	30.84	241.9	-0.525
LADO	P	21	58.71	42.71	61.7	-0.367
LADO	S	22	5.76	42.71	61.7	0.625

94 150915 0328 37.7 - Bacino di Gioia  
 Lat: 38.28 Lon: 15.72 Prof: 8.5 Km  
 ± 0.46 km ± 0.43 km ± 1.3 km  
 RMS: 0.22s GAP: 118.9° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	28	44.25	33.45	159.2	0.176
CNDF	S	28	48.43	33.45	159.2	-0.294

95 150915 0424 24.5 - Sila Piccola  
 Lat: 39.15 Lon: 16.50 Prof: 1.0 Km  
 ± 0.57 km ± 0.48 km ± 1.4 km  
 RMS: 0.31s GAP: 101.2° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	24	28.08	15.47	280.4	0.092
ROG2	S	24	30.78	15.47	280.4	0.261
SPS2	P	24	28.69	20.83	317.3	-0.220
SPS2	S	24	32.14	20.83	317.3	0.024
CUP2	P	24	29.78	25.90	8.7	-0.091
CUP2	S	24	34.74	25.90	8.7	0.959
SMIN	P	24	31.00	30.99	229.8	0.340
SMIN	S	24	34.77	30.99	229.8	-0.377

96 150915 1512 25.6 - Alto Tirreno Cosentino  
 Lat: 39.63 Lon: 15.95 Prof: 94.8 Km  
 ± 1.81 km ± 3.34 km ± 3.3 km  
 RMS: 0.42s GAP: 145.2° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	12	39.29	11.75	180.6	0.474
CET2	S	12	48.46	11.75	180.6	0.003

97 150915 1543 09.7 - Sila Greca  
 Lat: 39.53 Lon: 16.33 Prof: 13.8 Km  
 ± 0.61 km ± 0.70 km ± 2.3 km  
 RMS: 0.39s GAP: 78.7° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
TDS	P	43	13.56	13.27	359.8	0.225
TDS	S	43	16.06	13.27	359.8	0.131
ROI	P	43	14.37	20.22	79.8	-0.132
ROI	S	43	17.48	20.22	79.8	-0.472
CET2	P	43	16.62	32.95	267.9	0.141
CET2	S	43	21.48	32.95	267.9	0.104
ROG2	P	43	18.10	40.14	181.4	0.606
ROG2	S	43	22.42	40.14	181.4	-0.713

98 150915 2102 52.4 - Canyon di Stromboli  
 Lat: 38.75 Lon: 15.63 Prof: 96.1 Km  
 ± 1.33 km ± 1.88 km ± 4.4 km  
 RMS: 0.55s GAP: 99.8° NR: 42

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	03	8.15	57.07	65.1	-0.208
SMIN	S	03	19.10	57.07	65.1	-0.930
ROG2	P	03	9.56	76.28	52.2	-0.311
ROG2	S	03	21.86	76.28	52.2	-0.800
CNDF	P	03	11.10	85.74	167.1	0.649
CNDF	S	03	24.58	85.74	167.1	0.917
CET2	P	03	11.18	90.28	18.2	0.799
CET2	S	03	24.32	90.28	18.2	0.784