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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**

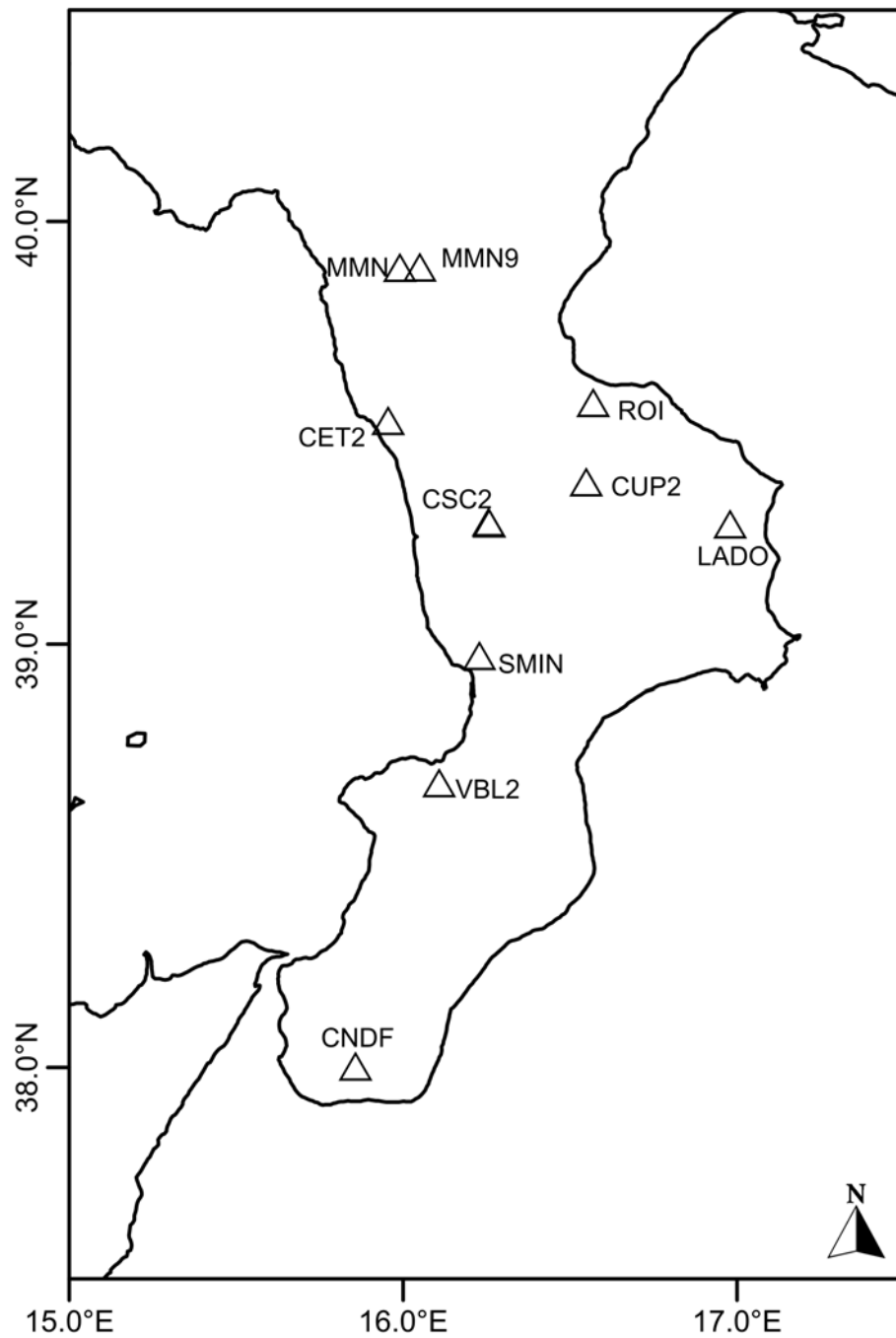
**E**

**DELLE AREE CIRCOSTANTI**

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

Periodo 01-15 Giugno 2013

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

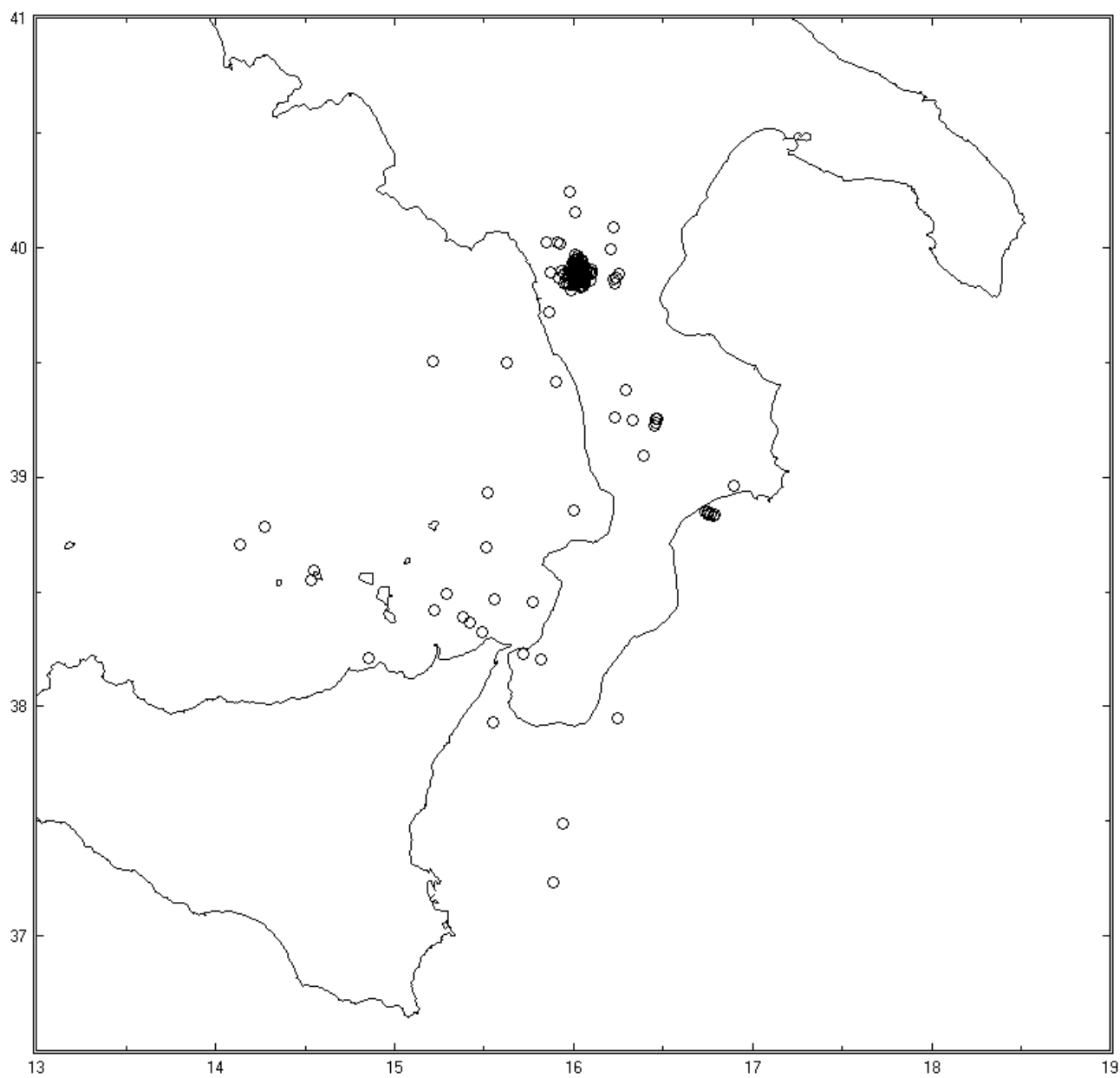
Data	Orario		Lat N	LON E	H <sub>0</sub>	m	δlat	δlon	δH <sub>0</sub>	nr	GAP	sqm	δT <sub>0</sub>
aammgg	hhmm	ss.s	°	°	km		km	km	km		°	sec	sec
130601	0725	50.5	39.8511	16.0089	0.0		0.55	0.32	0.46	8	298	0.10	0.14
130601	0841	18.8	40.2449	15.9766	37.8	1.4	5.37	3.34	5.14	11	179	0.79	0.32
130601	1058	43.9	39.8707	15.9178	5.5		1.35	0.64	0.48	8	342	0.08	0.11
130601	1134	41.2	39.8480	16.0657	0.0		0.40	0.32	0.35	8	318	0.08	0.10
130601	1217	42.2	39.8640	16.0407	0.7		0.31	0.15	0.23	8	284	0.05	0.07
130601	1731	4.4	38.6951	15.5137	37.0	1.8	2.74	1.25	4.17	18	133	0.53	0.20
130601	1752	49.8	39.8722	16.0270	2.7		0.72	0.18	0.26	6	254	0.06	0.09
130601	2024	33.3	39.8694	16.0501	0.6		0.29	0.16	0.22	8	289	0.05	0.06
130602	0441	54.6	39.8159	15.9871	7.3		1.70	1.82	1.30	8	325	0.22	0.30
130602	0743	14.5	39.8853	16.1038	5.4	2.1	0.69	0.68	2.25	28	87	0.50	0.11
130602	0856	6.4	39.9361	16.0176	0.0		0.42	0.23	0.31	6	305	0.07	0.11
130602	0916	11.6	39.8474	16.0177	0.3	0.9	0.25	0.13	0.16	5	301	0.03	0.06
130602	1125	27.5	39.8909	16.1014	4.2	1.4	0.42	0.26	0.78	15	136	0.17	0.06
130602	1214	7.9	39.8738	16.0092	1.9		0.61	0.20	0.34	8	249	0.08	0.08
130602	1305	21.0	39.8636	16.2210	4.8	2.7	0.67	0.65	2.74	46	60	0.61	0.10
130602	1655	48.3	38.8582	16.0028	43.8	2.2	1.07	1.43	3.82	24	92	0.48	0.10
130602	1835	31.9	38.9323	15.5179	194.7	2.4	2.63	5.64	5.75	30	198	0.69	0.25
130602	2219	37.8	39.8886	16.0192	4.2	0.9	0.54	0.59	2.07	24	77	0.36	0.07
130603	0025	57.3	39.8793	16.0362	2.3		1.40	0.34	0.60	8	240	0.13	0.14
130603	0029	36.8	39.8695	16.0336	2.5		0.86	0.28	0.46	8	266	0.10	0.12
130603	0059	46.5	39.8796	16.0115	2.7		0.62	0.17	0.28	8	225	0.06	0.06
130603	0236	44.3	39.8564	16.0391	4.8	1.5	0.60	0.85	1.92	21	115	0.33	0.09
130603	1037	24.6	38.2316	15.7144	18.5	1.2	0.89	0.68	1.97	13	100	0.34	0.11
130603	1213	39.2	38.4889	15.2869	126.6	2.3	2.45	1.24	1.96	16	190	0.24	0.11
130603	1456	32.0	39.8805	16.0183	4.5		0.93	0.14	0.20	6	220	0.03	0.04
130603	1948	49.7	39.8732	16.0019	5.0		14.27	29.49	2.23	6	350	0.50	0.65
130603	2052	54.0	40.0256	15.8454	1.0	2.3	0.65	0.86	2.92	44	62	0.65	0.10
130603	2104	43.6	39.8905	16.0827	1.6		1.42	0.32	0.31	8	350	0.07	0.08
130603	2227	32.6	39.9191	16.0631	5.0		2.33	1.04	1.19	8	307	0.20	0.26
130603	2312	0.5	39.9052	16.0325	5.1		9.21	2.39	3.46	8	232	0.60	0.56
130604	0011	24.7	39.8818	16.0130	2.7		0.70	0.18	0.31	8	214	0.07	0.05
130604	0028	34.5	39.8598	16.0497	0.0		0.31	0.19	0.26	8	299	0.06	0.08
130604	0031	34.9	39.8472	16.0233	0.5		0.37	0.21	0.31	8	301	0.07	0.09
130604	0113	13.5	39.8722	15.9749	0.0		0.57	0.59	0.58	8	303	0.13	0.17
130604	0207	13.3	39.8516	16.0617	0.0		0.53	0.41	0.47	8	314	0.10	0.14
130604	0208	24.2	39.8739	16.0186	2.7		0.71	0.21	0.35	8	245	0.08	0.08
130604	0304	41.8	39.8590	16.0248	5.0		0.57	0.73	1.09	10	158	0.19	0.09
130604	0313	54.9	39.8490	16.0175	5.3		2.55	1.45	1.67	8	299	0.29	0.37
130604	0453	33.7	39.8603	16.0202	2.7		0.32	0.12	0.16	6	281	0.04	0.05
130604	0514	46.5	39.8574	16.0322	4.5	0.9	0.47	0.68	1.66	20	118	0.29	0.07
130604	0550	14.3	39.2527	16.4585	21.8	1.4	0.88	0.78	2.35	19	86	0.40	0.10
130604	0637	4.7	39.2554	16.4680	21.7	1.2	0.67	0.64	1.63	16	127	0.28	0.08
130604	0806	37.1	39.2391	16.4566	20.3	2.2	0.52	0.68	2.74	42	43	0.47	0.08
130604	0812	41.2	39.2552	16.4580	18.9	1.4	0.64	0.52	1.55	16	129	0.27	0.08
130604	1100	0.6	39.2556	16.4611	21.4	1.2	0.75	0.60	1.25	11	128	0.22	0.07
130604	1111	34.5	39.8713	15.9731	1.3	1.0	0.40	0.77	1.28	16	180	0.28	0.11
130604	1118	49.5	39.8817	16.0077	0.0		0.39	0.39	0.23	6	335	0.05	0.08
130604	1125	57.9	38.3230	15.4914	125.3	2.2	2.22	2.56	4.62	26	98	0.56	0.12
130604	1126	48.8	39.8711	16.0407	1.8		0.32	0.11	0.18	8	271	0.04	0.05
130604	1628	31.4	39.9059	16.0987	2.4		3.67	1.31	1.16	8	343	0.26	0.34
130604	1743	29.3	39.8449	16.0235	0.0		0.48	0.28	0.40	8	303	0.09	0.12
130604	2151	58.2	39.8999	15.9352	1.5		0.65	0.21	0.09	6	343	0.02	0.03
130604	2322	6.9	39.8754	16.0455	2.7		0.32	0.10	0.14	8	271	0.03	0.04
130604	2337	17.7	39.8466	15.9492	11.1	0.8	1.76	2.43	3.77	15	145	0.65	0.25
130604	2338	16.6	39.9102	15.9931	7.6		1.01	0.35	0.33	8	259	0.06	0.06
130605	0412	47.5	39.8941	15.8726	266.5	2.5	5.26	9.49	5.63	17	105	0.65	0.20
130605	0420	2.1	39.8964	16.0683	5.0	0.5	0.52	0.26	1.03	14	155	0.23	0.08

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
130605	0657	32.0	39.9179	16.0155	2.7		0.58	0.21	0.28	6	278	0.06	0.09
130605	0710	7.6	39.8450	16.0206	0.0		0.54	0.32	0.46	8	303	0.10	0.14
130605	0926	20.0	39.8948	15.9868	9.6	3.0	0.62	0.98	3.42	53	98	0.59	0.08
130605	0936	19.5	39.8916	16.0176	7.7	1.3	0.56	0.71	1.91	23	81	0.33	0.07
130605	1120	17.5	39.8978	15.9852	6.0	1.1	0.46	0.66	1.24	17	170	0.21	0.07
130605	1137	46.0	39.8825	16.0011	6.4		0.82	0.26	0.29	8	219	0.05	0.03
130605	1137	59.4	39.8822	16.0028	6.7		0.58	0.16	0.17	8	218	0.03	0.02
130605	1227	1.2	39.9488	15.9990	5.8		1.99	1.57	1.47	8	312	0.25	0.33
130605	1603	32.4	39.9489	16.0176	0.1		2.55	1.82	2.25	8	308	0.50	0.66
130605	1718	39.6	39.9000	16.0074	7.3	1.1	1.30	0.32	0.33	6	195	0.06	0.04
130605	1901	55.5	39.8527	16.0276	3.8	1.3	0.67	0.99	2.41	23	117	0.42	0.10
130605	1931	38.1	39.8559	16.0946	5.0	1.2	0.60	0.59	1.58	18	111	0.35	0.10
130605	1939	2.7	39.8494	16.0143	0.0	0.1	0.66	0.37	0.55	8	299	0.12	0.16
130605	2142	16.9	38.2100	14.8565	126.1	2.0	3.17	2.91	3.89	22	175	0.49	0.24
130605	2234	55.3	39.8859	16.0055	6.4		1.02	0.26	0.30	8	194	0.05	0.03
130605	2242	13.7	39.8796	16.0154	2.2		0.67	0.17	0.32	8	224	0.07	0.06
130606	0316	11.5	39.8653	16.0058	4.0		0.80	0.32	0.43	6	281	0.07	0.11
130606	0724	25.7	39.9236	16.0068	5.9		1.08	0.49	0.57	8	277	0.10	0.12
130606	0940	12.8	39.8924	15.9901	6.6		1.78	0.48	0.49	8	139	0.09	0.03
130606	1412	21.3	39.8989	15.9778	2.5		0.38	0.19	0.20	8	298	0.05	0.03
130606	1413	49.8	39.8737	15.9977	5.7		1.72	0.64	0.73	8	267	0.13	0.13
130606	1447	7.8	39.5064	15.2172	280.5	2.7	3.85	6.44	7.06	37	176	0.82	0.31
130606	1535	2.3	39.9253	16.0258	4.1	1.7	0.56	0.42	1.00	13	173	0.17	0.08
130606	2128	26.1	39.8561	16.0158	0.0		1.08	0.51	0.86	8	289	0.19	0.25
130606	2133	27.5	39.8461	16.0190	0.0		0.77	0.45	0.65	8	302	0.14	0.19
130606	2156	43.5	39.9135	16.0019	2.7		1.02	0.40	0.47	6	279	0.10	0.16
130606	2243	14.7	38.8383	16.7689	30.7	1.5	1.08	1.69	3.03	18	193	0.47	0.22
130606	2308	25.7	39.9158	16.0470	0.0		2.07	1.30	1.55	7	282	0.34	0.49
130606	2329	53.0	38.8393	16.7509	31.1	1.6	1.03	1.47	2.96	22	190	0.46	0.20
130606	2340	11.1	38.8504	16.7328	28.7	1.6	1.16	1.66	3.44	20	186	0.53	0.22
130607	0031	3.9	38.8479	16.7473	32.7	1.9	1.02	1.61	2.97	21	188	0.46	0.20
130607	0032	20.8	38.8297	16.7799	25.0	1.4	1.11	2.02	2.80	12	218	0.43	0.27
130607	0040	36.7	39.2637	16.2315	10.1	1.3	0.56	0.64	2.14	25	96	0.37	0.09
130607	0102	54.4	39.8487	16.0098	0.4	0.1	0.75	0.45	0.63	8	301	0.14	0.19
130607	0131	11.7	39.2493	16.3270	11.9	1.0	0.82	0.72	2.56	19	77	0.44	0.11
130607	0235	3.2	39.8852	16.0297	0.0		1.46	0.82	0.63	6	340	0.14	0.21
130607	0256	46.6	38.2077	15.8194	17.1	1.6	0.42	0.37	0.89	14	84	0.15	0.04
130607	0350	53.3	39.8663	16.0384	1.1		0.45	0.19	0.31	8	278	0.07	0.09
130607	0522	42.0	39.9316	15.9959	6.1		1.35	0.79	0.80	8	297	0.14	0.18
130607	0715	15.4	39.8493	16.0348	2.3	1.6	0.59	0.86	1.71	21	116	0.38	0.10
130607	0840	33.4	38.8376	16.7904	22.7	1.9	1.95	3.30	4.68	18	197	0.81	0.43
130607	0854	25.0	39.8569	16.0446	5.4	1.8	0.61	0.78	2.08	18	113	0.36	0.09
130607	0902	48.7	39.8619	16.0363	6.2	2.0	0.52	0.62	1.98	27	102	0.34	0.07
130607	0906	39.2	39.8893	16.0609	0.0		1.68	0.57	0.47	6	347	0.10	0.16
130607	0914	3.1	39.8441	16.0083	0.0	1.9	1.87	1.25	1.63	8	306	0.36	0.48
130607	0919	35.2	39.9105	16.0174	0.0		0.58	0.55	0.37	6	335	0.08	0.13
130607	0930	2.5	39.8445	16.0221	0.0		0.39	0.23	0.33	8	304	0.07	0.10
130607	0935	38.6	39.8451	16.0196	2.3	2.0	0.70	1.05	2.24	22	106	0.50	0.12
130607	0943	21.7	39.8494	16.0181	0.0		0.63	0.34	0.52	8	298	0.12	0.15
130607	0951	40.4	39.8463	16.0226	0.0		0.56	0.32	0.47	8	302	0.10	0.14
130607	1010	58.3	39.8512	16.0212	1.5		0.53	0.28	0.40	8	296	0.09	0.12
130607	1055	54.3	39.8285	16.0371	0.0	1.5	0.70	0.76	1.99	18	113	0.44	0.14
130607	1103	27.0	39.8441	16.0216	0.0		0.36	0.22	0.31	8	304	0.07	0.09
130607	1142	30.1	39.8433	16.0200	0.0		0.35	0.21	0.30	8	305	0.07	0.09
130607	1214	5.4	39.8562	16.0296	0.0		2.35	1.08	1.68	7	290	0.37	0.54
130607	1229	44.9	39.8845	16.2495	9.4	1.7	0.86	0.73	2.16	16	123	0.37	0.13
130607	1242	3.7	39.9064	16.0400	7.9	0.8	1.11	1.07	2.99	17	91	0.52	0.13
130607	1620	8.6	38.9602	16.8917	5.0	1.5	3.35	3.07	4.80	12	259	0.83	0.76
130607	1857	16.2	39.8829	16.0505	5.8	0.9	0.58	0.69	1.83	14	82	0.32	0.08

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
130608	0207	52.8	38.4573	15.7745	31.7	2.0	0.92	1.26	3.50	21	104	0.54	0.12
130608	2020	0.4	39.2223	16.4501	17.3	1.2	0.69	0.76	2.50	21	92	0.43	0.10
130608	2020	17.3	39.8450	16.0240	1.7		0.20	0.11	0.14	6	303	0.03	0.05
130608	2250	1.4	38.5902	14.5493	7.3	3.0	1.03	0.93	4.03	57	157	0.70	0.16
130609	0000	7.5	38.5528	14.5313	6.8	1.9	1.07	1.16	3.42	26	146	0.59	0.18
130609	0128	53.3	39.5011	15.6227	237.7	2.3	2.79	6.05	6.32	39	157	0.74	0.20
130609	0709	19.5	39.4165	15.9018	9.2	0.2	1.88	3.42	0.99	9	244	0.17	0.40
130609	1326	12.2	39.8505	16.0190	3.1		0.17	0.33	0.49	8	158	0.08	0.03
130609	2048	9.2	37.9286	15.5511	23.9	1.2	2.08	1.85	4.85	16	125	0.84	0.22
130609	2052	38.2	39.8794	16.0669	2.7	1.5	0.66	0.69	2.22	23	84	0.49	0.12
130609	2249	49.0	39.8644	16.0616	3.9	1.5	0.94	1.29	2.73	15	104	0.47	0.15
130610	0247	38.6	39.8591	16.0292	5.6	2.1	0.67	0.71	2.45	28	103	0.42	0.08
130610	0346	58.6	37.2347	15.8877	33.1	2.8	2.10	2.25	4.91	42	213	0.63	0.33
130610	0505	50.5	38.3650	15.4195	118.2	2.3	2.44	2.93	5.45	35	103	0.68	0.15
130610	0608	29.3	39.9677	16.0103	6.8		1.23	1.07	0.81	6	321	0.14	0.21
130610	0937	11.1	39.9464	16.0364	6.8	1.6	1.13	1.41	4.14	21	81	0.71	0.18
130610	1501	17.2	39.8824	16.0091	1.4		0.75	0.20	0.42	8	212	0.09	0.07
130610	1947	34.6	39.9008	16.0124	5.1		1.16	0.29	0.43	8	200	0.07	0.05
130610	2335	8.4	39.9336	16.0263	2.7		0.86	1.12	0.34	6	347	0.07	0.11
130611	0020	16.3	39.9078	16.0183	5.9		0.48	0.14	0.18	8	230	0.03	0.03
130611	0027	47.7	39.8665	16.2359	5.2		10.04	2.05	0.87	7	356	0.19	0.27
130611	0121	5.4	39.8491	16.0276	2.5	1.1	0.40	0.61	1.15	17	121	0.25	0.07
130611	0121	48.0	39.9082	16.0136	4.9		0.95	0.28	0.42	8	230	0.07	0.07
130611	0228	31.0	39.9456	16.0062	2.7		1.55	1.12	1.22	8	307	0.27	0.36
130611	0232	20.1	38.7842	14.2768	27.1	2.7	1.35	1.43	4.63	46	185	0.59	0.20
130611	0257	33.3	39.8419	16.0091	0.0		0.45	0.29	0.35	6	309	0.08	0.12
130611	0258	9.1	39.8383	16.0086	0.3		0.30	0.20	0.23	6	311	0.05	0.08
130611	0809	20.7	38.7036	14.1337	23.5	2.7	1.87	3.62	3.83	18	267	0.49	0.42
130611	1538	0.4	39.9638	16.0268	10.9	1.4	1.88	2.16	4.45	21	100	0.77	0.27
130611	1819	22.8	39.9934	16.2087	4.9	1.5	0.76	1.05	2.18	13	113	0.49	0.15
130611	1902	28.3	39.9507	16.0240	2.8		0.74	0.54	0.58	8	309	0.13	0.17
130611	2339	19.6	39.8915	15.9994	2.2		0.36	0.12	0.20	8	150	0.04	0.02
130611	2353	14.2	39.0961	16.3887	19.1	1.6	0.69	0.86	2.49	21	94	0.43	0.11
130612	0003	47.5	39.8737	16.0329	2.7		1.38	0.40	0.66	8	254	0.15	0.17
130612	0051	8.0	39.9069	16.0152	2.7		0.70	0.20	0.35	8	226	0.08	0.07
130612	0215	42.5	39.8853	15.9473	0.0		0.94	0.59	0.55	8	336	0.12	0.16
130612	0220	29.6	39.9151	16.0169	4.3		0.79	0.28	0.44	8	253	0.08	0.08
130612	0308	15.2	39.8580	16.0145	1.1		0.62	0.29	0.46	8	286	0.10	0.13
130612	0824	43.0	39.9450	16.0501	2.3	2.0	0.60	0.77	2.18	23	102	0.48	0.12
130612	0931	45.2	39.8471	16.2298	7.5	1.6	0.67	0.54	1.29	14	142	0.29	0.10
130612	1122	1.0	39.8365	16.0046	2.7		0.74	0.57	0.60	8	313	0.13	0.17
130612	1303	4.2	39.8601	16.0153	3.9		3.99	1.75	2.64	8	282	0.45	0.57
130612	1308	45.1	39.9407	16.0227	5.2	1.5	0.46	0.62	1.02	16	182	0.18	0.09
130612	1314	0.2	39.9071	15.9734	1.9		0.34	0.58	0.11	6	343	0.03	0.04
130613	0336	11.1	39.3785	16.2890	11.2	0.9	1.58	1.02	2.79	9	141	0.48	0.16
130613	1216	23.5	37.9505	16.2492	39.3	1.8	1.97	1.64	2.90	20	254	0.37	0.26
130613	1539	43.5	38.3878	15.3796	123.6	2.3	3.17	3.06	5.94	20	127	0.74	0.20
130613	1656	26.0	39.9118	16.0245	0.0		1.49	0.41	0.86	6	246	0.19	0.25
130613	1849	34.9	39.9280	16.0191	2.7		0.49	0.23	0.33	8	282	0.07	0.09
130613	1909	37.3	38.4193	15.2199	116.3	2.0	5.55	4.17	5.59	18	172	0.70	0.29
130613	1943	50.8	40.0887	16.2262	22.9	1.1	3.06	2.79	4.16	11	148	0.72	0.34
130613	2003	53.9	40.1552	16.0117	24.3	0.8	6.69	5.27	4.90	8	144	0.84	0.35
130613	2049	14.3	39.9306	16.0032	5.2		0.33	0.18	0.21	8	291	0.04	0.05
130613	2053	13.7	39.8884	16.0409	2.5		0.43	0.08	0.14	8	203	0.03	0.02
130613	2336	43.7	39.9092	16.0307	0.0		0.43	0.32	0.22	6	340	0.05	0.07
130614	0052	3.2	39.8939	16.0387	2.7		0.52	0.10	0.17	8	185	0.04	0.02
130614	0104	59.8	39.9146	16.0271	2.7		0.36	0.11	0.16	6	271	0.03	0.05
130614	0146	15.6	37.4874	15.9414	33.4	2.0	1.79	2.86	4.59	21	214	0.59	0.33
130614	0150	25.6	39.8774	16.0439	2.5		1.06	0.31	0.47	8	263	0.10	0.12

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
130614	0326	41.9	40.0258	15.9076	0.0	2.8	0.67	0.84	3.41	51	55	0.76	0.11
130614	0427	7.2	40.0206	15.9216	0.4	1.4	0.37	0.48	1.20	19	108	0.27	0.06
130614	0949	4.2	39.8380	16.0080	5.3		0.47	0.35	0.35	8	312	0.06	0.08
130614	1230	36.2	39.8320	16.0446	0.0		2.50	1.97	2.20	8	317	0.49	0.65
130614	1359	58.7	39.8511	16.0180	1.7		0.08	0.04	0.05	6	300	0.01	0.02
130614	1402	2.4	39.8634	16.0186	3.5		0.23	0.09	0.15	8	275	0.03	0.03
130614	1402	17.9	39.8633	16.0189	2.8		0.38	0.15	0.22	8	275	0.05	0.06
130614	1454	56.1	39.8680	16.0134	2.4		0.42	0.14	0.20	6	272	0.05	0.07
130614	1603	0.6	39.9223	16.0451	0.3		0.36	0.20	0.26	6	288	0.06	0.09
130614	1804	41.1	39.8748	16.0177	4.2		0.53	0.16	0.26	8	242	0.04	0.05
130614	1953	28.0	39.8847	16.0075	2.0		0.46	0.13	0.24	8	200	0.05	0.03
130614	2001	5.0	39.9224	16.0560	2.3		0.81	0.45	0.54	8	300	0.12	0.16
130614	2023	54.8	39.9225	16.0397	0.0		0.35	0.17	0.24	6	294	0.05	0.08
130614	2042	42.5	39.8797	16.0483	2.7		0.33	0.09	0.13	8	271	0.03	0.03
130614	2100	10.1	39.8500	16.0340	2.3	1.3	0.49	0.65	1.64	23	103	0.36	0.09
130614	2108	1.5	39.8388	16.0100	3.1		0.66	1.64	2.10	10	157	0.36	0.14
130614	2136	58.6	38.4687	15.5577	133.9	2.0	2.05	2.85	3.83	25	98	0.46	0.10
130614	2212	8.1	39.8594	16.0203	2.7		0.26	0.11	0.16	8	283	0.04	0.05
130614	2257	55.3	39.9007	16.0416	2.7		0.90	0.20	0.25	6	234	0.06	0.06
130615	0044	46.2	39.8354	16.0580	7.3	0.8	0.35	0.47	1.25	19	115	0.22	0.05
130615	0116	36.4	39.8723	16.0156	3.6		0.20	0.06	0.11	8	251	0.02	0.02
130615	0159	43.5	39.9077	16.0175	2.7		1.41	0.32	0.53	6	229	0.12	0.14
130615	0212	6.3	39.8587	16.0166	1.3		0.62	0.27	0.44	8	284	0.10	0.13
130615	0349	5.7	39.8445	15.9632	0.3		0.41	0.85	0.20	6	351	0.04	0.07
130615	0451	48.1	39.7218	15.8652	13.4	1.9	0.57	0.88	2.39	35	153	0.37	0.10
130615	1237	12.7	39.8503	16.0131	0.0		0.41	0.22	0.30	6	300	0.07	0.10
130615	1346	19.9	39.8789	16.0622	1.9		1.18	0.47	0.55	8	313	0.12	0.15
130615	1504	6.0	39.8898	15.9828	11.9	1.4	1.70	2.57	3.48	16	116	0.60	0.18
130615	1716	29.2	39.8760	16.0445	2.7		0.49	0.13	0.18	6	273	0.04	0.06
130615	1954	15.1	39.9033	16.0087	5.8		0.78	0.16	0.19	6	210	0.03	0.03
130615	2001	27.4	39.8410	15.9753	7.3		6.51	5.24	4.09	8	317	0.71	0.92
130615	2001	46.4	39.8567	16.0612	7.3	1.1	0.65	0.96	1.80	14	104	0.31	0.10
130615	2011	43.6	39.8347	16.0429	5.0		0.62	1.51	1.65	10	186	0.28	0.15
130615	2013	31.5	39.8932	16.0457	2.7		0.68	0.13	0.20	8	193	0.05	0.03
130615	2148	39.2	39.9092	15.9915	1.8		0.16	0.08	0.11	8	260	0.02	0.02
130615	2320	4.7	39.8870	16.0467	4.7	0.7	0.60	0.70	1.63	17	78	0.28	0.09
130615	2338	53.9	39.8820	16.0504	6.6		3.33	0.77	0.85	8	276	0.15	0.13
130615	2340	56.2	39.8661	16.0703	2.7	1.0	0.47	0.69	0.77	10	225	0.17	0.12

Epicentri localizzati nel periodo di riferimento





# **BOLLETTINO**

1 130601 0725 50.4 - Alto Tirreno Cosentino  
 Lat: 39.85 Lon: 16.00 Prof: 0.0 Km  
 ± 0.55 km ± 0.32 km ± 0.5 km  
 RMS: 0.10s GAP: 298.9° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	25	51.49	4.68	340.6	-0.056
MMN	S	25	52.14	4.68	340.6	-0.181
MMN9	P	25	51.75	5.75	38.2	-0.035
MMN9	S	25	52.79	5.75	38.2	0.053

2 130601 0841 18.7 - Vallo di Diano  
 Lat: 40.24 Lon: 15.97 Prof: 37.8 Km  
 ± 5.37 km ± 3.34 km ± 5.1 km  
 RMS: 0.79s GAP: 179.0° NR: 11

STN	PHASE	MN	SEC	DIST	AZM	RES
ROI	P	41	34.67	90.29	145.8	-0.331

3 130601 1058 43.8 - Alto Tirreno Cosentino  
 Lat: 39.87 Lon: 15.91 Prof: 5.5 Km  
 ± 1.35 km ± 0.64 km ± 0.5 km  
 RMS: 0.08s GAP: 342.3° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	58	45.68	6.61	70.4	-0.054
MMN	S	58	46.97	6.61	70.4	-0.117
MMN9	P	58	46.46	11.57	78.5	-0.064
MMN9	S	58	48.54	11.57	78.5	0.084

4 130601 1134 41.1 - Alto Tirreno Cosentino  
 Lat: 39.84 Lon: 16.06 Prof: 0.0 Km  
 ± 0.40 km ± 0.32 km ± 0.3 km  
 RMS: 0.08s GAP: 318.5° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	34	42.31	5.03	345.0	-0.012
MMN9	S	34	43.16	5.03	345.0	0.002
MMN	P	34	42.91	7.98	306.6	-0.053
MMN	S	34	44.19	7.98	306.6	-0.079

5 130601 1217 42.1 - Alto Tirreno Cosentino  
 Lat: 39.86 Lon: 16.04 Prof: .7 Km  
 ± 0.31 km ± 0.15 km ± 0.2 km  
 RMS: 0.05s GAP: 284.0° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	17	42.96	3.20	15.1	-0.034
MMN9	S	17	43.63	3.20	15.1	0.044
MMN	P	17	43.37	5.21	305.0	-0.025
MMN	S	17	44.19	5.21	305.0	-0.092

6 130601 1731 04.3 - Canyon di Stromboli  
 Lat: 38.69 Lon: 15.51 Prof: 37.0 Km  
 ± 2.74 km ± 1.25 km ± 4.2 km  
 RMS: 0.53s GAP: 133.3° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	31	16.98	69.28	63.8	0.245

7 130601 1752 49.7 - Alto Tirreno Cosentino  
 Lat: 39.87 Lon: 16.02 Prof: 2.7 Km  
 ± 0.72 km ± 0.18 km ± 0.3 km  
 RMS: 0.06s GAP: 254.3° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	52	50.81	2.95	42.5	-0.038
MMN9	S	52	51.68	2.95	42.5	0.057
MMN	P	52	50.93	3.74	303.8	-0.008
MMN	S	52	51.71	3.74	303.8	-0.069

8 130601 2024 33.2 - Alto Tirreno Cosentino  
 Lat: 39.86 Lon: 16.05 Prof: .6 Km  
 ± 0.29 km ± 0.16 km ± 0.2 km  
 RMS: 0.05s GAP: 289.0° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	24	33.89	2.49	.6	-0.023
MMN9	S	24	34.43	2.49	.6	0.030
MMN	P	24	34.51	5.62	295.2	-0.034

MMN S 24 35.41 5.62 295.2 -0.073

9 130602 0441 54.6 - Alto Tirreno Cosentino  
 Lat: 39.81 Lon: 15.98 Prof: 7.3 Km  
 ± 1.70 km ± 1.82 km ± 1.3 km  
 RMS: 0.22s GAP: 325.8° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	41	56.89	8.32	2.2	-0.005
MMN	S	41	58.62	8.32	2.2	0.063
MMN9	P	41	57.02	10.02	32.8	-0.141
MMN9	S	41	59.19	10.02	32.8	0.173

10 130602 0743 14.4 - Alto Tirreno Cosentino  
 Lat: 39.88 Lon: 16.10 Prof: 5.4 Km  
 ± 0.69 km ± 0.68 km ± 2.2 km  
 RMS: 0.50s GAP: 87.0° NR: 28

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	43	16.27	4.62	279.1	0.028
MMN9	S	43	17.15	4.62	279.1	-0.380
MMN	P	43	17.13	9.69	273.7	0.084
MMN	S	43	18.49	9.69	273.7	-0.435
CET2	P	43	22.72	41.60	198.0	-0.145
CET2	S	43	28.15	41.60	198.0	-0.855

11 130602 0856 06.4 - Maratea - Rotonda  
 Lat: 39.93 Lon: 16.01 Prof: 0.0 Km  
 ± 0.42 km ± 0.23 km ± 0.3 km  
 RMS: 0.07s GAP: 305.6° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	56	7.65	5.65	150.4	-0.030
MMN9	S	56	8.65	5.65	150.4	0.034
MMN	P	56	7.66	5.52	204.8	0.012
MMN	S	56	8.45	5.52	204.8	-0.109

12 130602 0916 11.6 - Alto Tirreno Cosentino  
 Lat: 39.84 Lon: 16.01 Prof: .3 Km  
 ± 0.25 km ± 0.13 km ± 0.2 km  
 RMS: 0.03s GAP: 301.3° NR: 5

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	16	12.92	5.66	29.7	-0.024
MMN9	S	16	13.92	5.66	29.7	0.028

13 130602 1125 27.4 - Alto Tirreno Cosentino  
 Lat: 39.89 Lon: 16.10 Prof: 4.2 Km  
 ± 0.42 km ± 0.26 km ± 0.8 km  
 RMS: 0.17s GAP: 136.5° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	25	28.99	4.36	271.4	-0.008
MMN9	S	25	29.80	4.36	271.4	-0.309
MMN	P	25	29.93	9.47	270.1	0.060
MMN	S	25	31.45	9.47	270.1	-0.169

14 130602 1214 07.9 - Alto Tirreno Cosentino  
 Lat: 39.87 Lon: 16.00 Prof: 1.9 Km  
 ± 0.61 km ± 0.20 km ± 0.3 km  
 RMS: 0.08s GAP: 249.0° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	14	8.71	2.47	320.1	-0.032
MMN	S	14	9.21	2.47	320.1	-0.137
MMN9	P	14	8.98	4.05	60.4	-0.048
MMN9	S	14	9.91	4.05	60.4	0.067

15 130602 1305 21.0 - Catena del Pollino  
 Lat: 39.86 Lon: 16.22 Prof: 4.8 Km  
 ± 0.67 km ± 0.65 km ± 2.7 km  
 RMS: 0.61s GAP: 60.8° NR: 46

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	05	24.76	14.93	282.2	0.151
MMN9	S	05	27.62	14.93	282.2	0.402
MMN	P	05	25.59	19.94	278.8	0.006
MMN	S	05	28.62	19.94	278.8	-0.282
CET2	P	05	29.17	43.63	211.7	-0.688
ROI	P	05	29.71	44.05	137.2	-0.340

CUP2	P	05	32.93	60.25	152.1	0.402		
SCOI	P	05	33.00	63.83	177.3	-0.001		
SCOI	S	05	42.16	63.83	177.3	0.410		
LADO	P	05	37.23	91.58	134.4	-0.570		
LADO	S	05	50.26	91.58	134.4	0.198		
SMIN	P	05	38.27	98.88	179.6	-0.805		
<b>16</b> 130602 1655 48.3 - G. di S. Eufemia								
Lat:	38.85	Lon:	16.00	Prof:	43.8	Km		
±	1.07	km	±	1.43	km	±	3.8	km
RMS:	0.48s	GAP:	92.1°	NR:	24			
STN	PHASE	MN	SEC	DIST	AZM	RES		
SMIN	P	55	56.06	23.33	57.0	-0.129		
SMIN	S	56	1.70	23.33	57.0	-0.254		
CET2	P	56	.94	74.56	357.0	-0.014		
CET2	S	56	10.10	74.56	357.0	-0.109		
<b>17</b> 130602 1835 31.9 - Scarpata di Paola								
Lat:	38.93	Lon:	15.51	Prof:	194.7	Km		
±	2.63	km	±	5.64	km	±	5.7	km
RMS:	0.69s	GAP:	198.0°	NR:	30			
STN	PHASE	MN	SEC	DIST	AZM	RES		
SMIN	P	35	58.71	61.73	86.0	-0.310		
CET2	P	36	-.25	76.20	30.0	0.783		
CNDF	P	36	1.46	107.30	164.3	0.219		
LADO	P	36	2.85	132.29	72.8	0.078		
<b>18</b> 130602 2219 37.7 - Alto Tirreno Cosentino								
Lat:	39.88	Lon:	16.01	Prof:	4.2	Km		
±	0.54	km	±	0.59	km	±	2.1	km
RMS:	0.36s	GAP:	77.8°	NR:	24			
STN	PHASE	MN	SEC	DIST	AZM	RES		
MMN	P	19	38.96	2.45	275.9	-0.011		
MMN	S	19	39.64	2.45	275.9	-0.199		
MMN9	P	19	39.15	2.69	82.4	0.122		
MMN9	S	19	40.05	2.69	82.4	0.113		
CET2	P	19	45.30	40.33	188.1	-0.192		
CET2	S	19	50.80	40.33	188.1	-0.330		
<b>19</b> 130603 0025 57.2 - Alto Tirreno Cosentino								
Lat:	39.87	Lon:	16.03	Prof:	2.3	Km		
±	1.40	km	±	0.34	km	±	0.6	km
RMS:	0.13s	GAP:	240.7°	NR:	8			
STN	PHASE	MN	SEC	DIST	AZM	RES		
MMN9	P	25	58.05	1.84	41.2	-0.069		
MMN9	S	25	58.83	1.84	41.2	0.090		
MMN	P	25	58.31	4.10	288.3	-0.115		
MMN	S	25	59.10	4.10	288.3	-0.169		
<b>20</b> 130603 0029 36.7 - Alto Tirreno Cosentino								
Lat:	39.86	Lon:	16.03	Prof:	2.5	Km		
±	0.86	km	±	0.28	km	±	0.5	km
RMS:	0.10s	GAP:	266.9°	NR:	8			
STN	PHASE	MN	SEC	DIST	AZM	RES		
MMN9	P	29	37.72	2.86	30.1	-0.046		
MMN9	S	29	38.57	2.86	30.1	0.063		
MMN	P	29	37.97	4.37	302.9	-0.014		
MMN	S	29	38.66	4.37	302.9	-0.223		
<b>21</b> 130603 0059 46.5 - Alto Tirreno Cosentino								
Lat:	39.87	Lon:	16.01	Prof:	2.7	Km		
±	0.62	km	±	0.17	km	±	0.3	km
RMS:	0.06s	GAP:	225.3°	NR:	8			
STN	PHASE	MN	SEC	DIST	AZM	RES		
MMN	P	59	47.42	2.18	305.1	-0.023		
MMN	S	59	48.02	2.18	305.1	-0.105		
MMN9	P	59	47.62	3.59	67.8	-0.043		
MMN9	S	59	48.57	3.59	67.8	0.064		
<b>22</b> 130603 0236 44.3 - Alto Tirreno Cosentino								
Lat:	39.85	Lon:	16.03	Prof:	4.8	Km		
±	0.60	km	±	0.85	km	±	1.9	km
RMS:	0.33s	GAP:	115.3°	NR:	21			
STN	PHASE	MN	SEC	DIST	AZM	RES		
MMN9	P	36	45.83	5.64	312.8	-0.148		
MMN	S	36	47.00	5.64	312.8	-0.179		
MMN9	P	36	45.88	4.05	13.8	0.076		
MMN9	S	36	46.85	4.05	13.8	-0.026		
CET2	P	36	51.38	37.09	191.4	-0.097		
CET2	S	36	55.98	37.09	191.4	-0.723		
<b>23</b> 130603 1037 24.6 - Stretto di Messina								
Lat:	38.23	Lon:	15.71	Prof:	18.5	Km		
±	0.89	km	±	0.68	km	±	2.0	km
RMS:	0.34s	GAP:	100.8°	NR:	13			
STN	PHASE	MN	SEC	DIST	AZM	RES		
CNDF	P	37	31.05	28.27	154.0	0.284		
CNDF	S	37	35.08	28.27	154.0	-0.171		
<b>24</b> 130603 1213 39.2 - Canyon di Stromboli								
Lat:	38.48	Lon:	15.28	Prof:	126.6	Km		
±	2.45	km	±	1.24	km	±	2.0	km
RMS:	0.24s	GAP:	190.6°	NR:	16			
STN	PHASE	MN	SEC	DIST	AZM	RES		
CNDF	P	13	59.29	73.47	137.6	-0.051		
CNDF	S	14	14.36	73.47	137.6	0.313		
<b>25</b> 130603 1456 31.9 - Alto Tirreno Cosentino								
Lat:	39.88	Lon:	16.01	Prof:	4.5	Km		
±	0.93	km	±	0.14	km	±	0.2	km
RMS:	0.03s	GAP:	220.7°	NR:	6			
STN	PHASE	MN	SEC	DIST	AZM	RES		
MMN	P	56	33.27	2.63	296.0	0.029		
MMN	S	56	34.12	2.63	296.0	-0.032		
MMN9	P	56	33.28	3.01	65.4	-0.027		
MMN9	S	56	34.30	3.01	65.4	0.030		
<b>26</b> 130603 1948 49.7 - Alto Tirreno Cosentino								
Lat:	39.87	Lon:	16.00	Prof:	5.0	Km		
±	14.27	km	±	29.49	km	±	2.2	km
RMS:	0.50s	GAP:	350.4°	NR:	6			
STN	PHASE	MN	SEC	DIST	AZM	RES		
MMN	P	49	3.10	2.17	333.9	-0.466		
MMN	S	49	3.67	2.17	333.9	-0.916		
<b>27</b> 130603 2052 54.0 - Maratea - Rotonda								
Lat:	40.02	Lon:	15.84	Prof:	1.0	Km		
±	0.65	km	±	0.86	km	±	2.9	km
RMS:	0.65s	GAP:	62.6°	NR:	44			
STN	PHASE	MN	SEC	DIST	AZM	RES		
MMN	P	52	58.16	19.43	140.5	-0.018		
MMN9	P	52	58.97	22.95	130.5	0.164		
CET2	P	53	4.34	55.94	170.6	-0.360		
CUP2	P	53	11.73	93.35	139.8	0.757		
CUP2	S	53	23.33	93.35	139.8	-0.064		
SMIN	P	53	15.29	121.41	164.4	-0.429		
SMIN	S	53	31.16	121.41	164.4	-0.461		
<b>28</b> 130603 2104 43.5 - Alto Tirreno Cosentino								
Lat:	39.89	Lon:	16.08	Prof:	1.6	Km		
±	1.42	km	±	0.32	km	±	0.3	km
RMS:	0.07s	GAP:	350.3°	NR:	8			
STN	PHASE	MN	SEC	DIST	AZM	RES		
MMN9	P	04	44.42	2.77	273.2	0.006		
MMN9	S	04	45.03	2.77	273.2	-0.007		
MMN	P	04	45.36	7.87	270.4	-0.041		
MMN	S	04	46.61	7.87	270.4	-0.135		
<b>29</b> 130603 2227 32.5 - Maratea - Rotonda								
Lat:	39.91	Lon:	16.06	Prof:	5.0	Km		
±	2.33	km	±	1.04	km	±	1.2	km
RMS:	0.20s	GAP:	307.6°	NR:	8			
STN	PHASE	MN	SEC	DIST	AZM	RES		
MMN9	P	27	34.03	3.21	199.9	0.061		
MMN9	S	27	35.01	3.21	199.9	0.009		
MMN	P	27	34.44	6.94	243.2	0.024		

	MMN	S	27	35.44	6.94	243.2	-0.328		
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**30** 130603 2312 00.4 - Alto Tirreno Cosentino  
 Lat: 39.90 Lon: 16.03 Prof: 5.1 Km  
 $\pm 9.21$  km  $\pm 2.39$  km  $\pm 3.5$  km  
 RMS: 0.60s GAP: 232.8° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	12	1.04	2.13	134.3	-0.773
MMN9	S	12	3.68	2.13	134.3	0.892
MMN	P	12	2.20	3.92	246.1	0.264
MMN	S	12	2.66	3.92	246.1	-0.343

**31** 130604 0011 24.6 - Alto Tirreno Cosentino  
 Lat: 39.88 Lon: 16.01 Prof: 2.7 Km  
 $\pm 0.70$  km  $\pm 0.18$  km  $\pm 0.3$  km  
 RMS: 0.07s GAP: 214.6° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	11	25.56	2.16	297.7	-0.043
MMN	S	11	26.25	2.16	297.7	-0.034
MMN9	P	11	25.74	3.38	70.9	-0.055
MMN9	S	11	26.71	3.38	70.9	0.094

**32** 130604 0028 34.4 - Alto Tirreno Cosentino  
 Lat: 39.85 Lon: 16.04 Prof: 0.0 Km  
 $\pm 0.31$  km  $\pm 0.19$  km  $\pm 0.3$  km  
 RMS: 0.06s GAP: 299.2° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	28	35.25	3.55	1.1	-0.026
MMN9	S	28	35.91	3.55	1.1	0.031
MMN	P	28	35.80	6.11	304.4	-0.026
MMN	S	28	36.71	6.11	304.4	-0.120

**33** 130604 0031 34.9 - Alto Tirreno Cosentino  
 Lat: 39.84 Lon: 16.02 Prof: .5 Km  
 $\pm 0.37$  km  $\pm 0.21$  km  $\pm 0.3$  km  
 RMS: 0.07s GAP: 301.5° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	31	36.14	5.60	330.2	-0.059
MMN	S	31	37.02	5.60	330.2	-0.118
MMN9	P	31	36.17	5.47	25.1	-0.012
MMN9	S	31	37.13	5.47	25.1	0.023

**34** 130604 0113 13.5 - Alto Tirreno Cosentino  
 Lat: 39.87 Lon: 15.97 Prof: 0.0 Km  
 $\pm 0.57$  km  $\pm 0.59$  km  $\pm 0.6$  km  
 RMS: 0.13s GAP: 303.3° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	13	13.91	2.47	33.1	-0.171
MMN	S	13	14.38	2.47	33.1	-0.128
MMN9	P	13	15.00	6.81	71.4	-0.031
MMN9	S	13	16.25	6.81	71.4	0.098

**35** 130604 0207 13.3 - Alto Tirreno Cosentino  
 Lat: 39.85 Lon: 16.06 Prof: 0.0 Km  
 $\pm 0.53$  km  $\pm 0.41$  km  $\pm 0.5$  km  
 RMS: 0.10s GAP: 314.5° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	07	14.35	4.57	347.9	0.009
MMN9	S	07	15.10	4.57	347.9	-0.004
MMN	P	07	14.88	7.48	305.8	-0.092
MMN	S	07	16.01	7.48	305.8	-0.188

**36** 130604 0208 24.2 - Alto Tirreno Cosentino  
 Lat: 39.87 Lon: 16.01 Prof: 2.7 Km  
 $\pm 0.71$  km  $\pm 0.21$  km  $\pm 0.3$  km  
 RMS: 0.08s GAP: 245.0° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	08	25.26	3.04	308.3	-0.022
MMN	S	08	25.89	3.04	308.3	-0.156
MMN9	P	08	25.31	3.37	53.9	-0.047
MMN9	S	08	26.24	3.37	53.9	0.064

**37** 130604 0304 41.7 - Alto Tirreno Cosentino  
 Lat: 39.85 Lon: 16.02 Prof: 5.0 Km  
 $\pm 0.57$  km  $\pm 0.73$  km  $\pm 1.1$  km  
 RMS: 0.19s GAP: 158.4° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	04	57.11	4.59	320.6	-0.053
MMN	S	04	57.86	4.59	320.6	-0.450
MMN9	P	04	57.14	4.25	31.1	-0.014
MMN9	S	04	58.11	4.25	31.1	-0.184
CET2	P	05	2.72	37.15	189.5	0.122
CET2	S	05	7.27	37.15	189.5	-0.452

**38** 130604 0313 54.9 - Alto Tirreno Cosentino  
 Lat: 39.84 Lon: 16.01 Prof: 5.3 Km  
 $\pm 2.55$  km  $\pm 1.45$  km  $\pm 1.7$  km  
 RMS: 0.29s GAP: 299.4° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	13	56.71	5.18	333.8	0.173
MMN	S	13	57.50	5.18	333.8	-0.233
MMN9	P	13	56.72	5.52	30.7	0.111
MMN9	S	13	57.73	5.52	30.7	-0.128

**39** 130604 0453 33.6 - Alto Tirreno Cosentino  
 Lat: 39.86 Lon: 16.02 Prof: 2.7 Km  
 $\pm 0.32$  km  $\pm 0.12$  km  $\pm 0.2$  km  
 RMS: 0.04s GAP: 281.7° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	53	34.92	4.23	323.4	0.008
MMN	S	53	35.76	4.23	323.4	-0.054
MMN9	P	53	34.94	4.35	36.5	-0.015
MMN9	S	53	35.91	4.35	36.5	0.022

**40** 130604 0514 46.5 - Alto Tirreno Cosentino  
 Lat: 39.85 Lon: 16.03 Prof: 4.5 Km  
 $\pm 0.47$  km  $\pm 0.68$  km  $\pm 1.7$  km  
 RMS: 0.29s GAP: 118.0° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	14	48.10	4.12	22.3	0.113
MMN9	S	14	49.08	4.12	22.3	0.042
MMN	P	14	48.11	5.13	316.4	0.020
MMN	S	14	48.45	5.13	316.4	-0.767
CET2	P	14	53.60	37.09	190.5	-0.088
CET2	S	14	58.40	37.09	190.5	-0.512

**41** 130604 0550 14.3 - Sila Grande  
 Lat: 39.25 Lon: 16.45 Prof: 21.8 Km  
 $\pm 0.88$  km  $\pm 0.78$  km  $\pm 2.3$  km  
 RMS: 0.40s GAP: 86.9° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
ROI	P	50	21.85	36.68	14.9	-0.375
ROI	S	50	27.29	36.68	14.9	-0.713
LADO	P	50	23.13	45.07	85.3	-0.166
LADO	S	50	30.58	45.07	85.3	0.721
CET2	P	50	24.64	53.14	305.2	0.097
CET2	S	50	31.90	53.14	305.2	-0.117

**42** 130604 0637 04.7 - Sila Grande  
 Lat: 39.25 Lon: 16.46 Prof: 21.7 Km  
 $\pm 0.67$  km  $\pm 0.64$  km  $\pm 1.6$  km  
 RMS: 0.28s GAP: 127.8° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	37	9.99	15.80	25.8	0.219
CUP2	S	37	13.68	15.80	25.8	0.213
ROI	P	37	12.37	36.19	13.8	-0.162
ROI	S	37	17.83	36.19	13.8	-0.417
CET2	P	37	15.03	53.64	304.5	0.020
CET2	S	37	22.30	53.64	304.5	-0.241

**43** 130604 0806 37.1 - Sila Grande  
 Lat: 39.23 Lon: 16.45 Prof: 20.3 Km  
 $\pm 0.52$  km  $\pm 0.68$  km  $\pm 2.7$  km  
 RMS: 0.47s GAP: 43.7° NR: 42

STN	PHASE	MN	SEC	DIST	AZM	RES
SCOI	P	06	42.08	18.14	287.8	0.016
SCOI	S	06	45.26	18.14	287.8	-0.421
CUP2	P	06	42.26	17.86	26.1	0.054
CUP2	S	06	45.96	17.86	26.1	0.033
ROI	P	06	44.57	38.18	14.5	-0.562
ROI	S	06	50.17	38.18	14.5	-0.825
SMIN	P	06	44.90	35.54	213.7	0.383
SMIN	S	06	49.88	35.54	213.7	-0.048
LADO	P	06	45.82	45.39	83.4	-0.216
LADO	S	06	52.90	45.39	83.4	0.339
CET2	P	06	47.11	53.89	306.7	-0.385
CET2	S	06	54.09	53.89	306.7	-0.996
MMN	P	06	52.37	82.69	331.1	0.117

**44** 130604 0812 41.1 - Sila Grande  
Lat: 39.25 Lon: 16.45 Prof: 18.9 Km  
± 0.64 km ± 0.52 km ± 1.5 km  
RMS: 0.27s GAP: 129.1° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
ROI	P	12	49.00	36.43	15.1	0.193
ROI	S	12	53.94	36.43	15.1	-0.454
LADO	P	12	50.00	45.10	85.6	0.047
LADO	S	12	56.90	45.10	85.6	0.522
CET2	P	12	51.33	52.94	305.0	-0.098
CET2	S	12	58.80	52.94	305.0	-0.132

**45** 130604 1100 00.6 - Sila Grande  
Lat: 39.25 Lon: 16.46 Prof: 21.4 Km  
± 0.75 km ± 0.60 km ± 1.3 km  
RMS: 0.22s GAP: 128.5° NR: 11

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	00	10.83	53.14	304.8	0.007
CET2	S	00	18.10	53.14	304.8	-0.207

**46** 130604 1111 34.4 - Alto Tirreno Cosentino  
Lat: 39.87 Lon: 15.97 Prof: 1.3 Km  
± 0.40 km ± 0.77 km ± 1.3 km  
RMS: 0.28s GAP: 180.2° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	11	35.20	2.63	34.8	-0.034
MMN	S	11	35.41	2.63	34.8	-0.380
MMN9	P	11	36.16	6.99	71.1	0.048
MMN9	S	11	37.42	6.99	71.1	0.111
CET2	P	11	41.90	38.06	182.6	-0.144
CET2	S	11	47.20	38.06	182.6	-0.384

**47** 130604 1118 49.4 - Alto Tirreno Cosentino  
Lat: 39.88 Lon: 16.00 Prof: 0.0 Km  
± 0.39 km ± 0.39 km ± 0.2 km  
RMS: 0.05s GAP: 335.3° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	18	49.92	1.78	305.0	-0.016
MMN	S	18	50.19	1.78	305.0	-0.069

**48** 130604 1125 57.9 - Bacino di Gioia  
Lat: 38.32 Lon: 15.49 Prof: 125.3 Km  
± 2.22 km ± 2.56 km ± 4.6 km  
RMS: 0.56s GAP: 98.9° NR: 26

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	26	23.41	139.75	17.0	0.393
CET2	S	26	42.10	139.75	17.0	0.722

**49** 130604 1126 48.7 - Alto Tirreno Cosentino  
Lat: 39.87 Lon: 16.04 Prof: 1.8 Km  
± 0.32 km ± 0.11 km ± 0.2 km  
RMS: 0.04s GAP: 271.9° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	26	49.56	2.44	19.9	-0.047
MMN9	S	26	50.27	2.44	19.9	0.054
MMN	P	26	50.03	4.81	297.2	0.034
MMN	S	26	50.85	4.81	297.2	-0.041

**50** 130604 1628 31.4 - Alto Tirreno Cosentino  
Lat: 39.90 Lon: 16.09 Prof: 2.4 Km  
± 3.67 km ± 1.31 km ± 1.2 km  
RMS: 0.26s GAP: 343.4° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	28	32.67	4.42	249.5	-0.018
MMN9	S	28	33.64	4.42	249.5	0.040
MMN	P	28	33.37	9.39	259.9	-0.285
MMN	S	28	34.88	9.39	259.9	-0.392

**51** 130604 1743 29.2 - Alto Tirreno Cosentino  
Lat: 39.84 Lon: 16.02 Prof: 0.0 Km  
± 0.48 km ± 0.28 km ± 0.4 km  
RMS: 0.09s GAP: 303.9° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	43	30.51	5.82	331.3	-0.051
MMN	S	43	31.35	5.82	331.3	-0.168
MMN9	P	43	30.53	5.69	23.9	-0.009
MMN9	S	43	31.50	5.69	23.9	0.018

**52** 130604 2151 58.1 - Alto Tirreno Cosentino  
Lat: 39.89 Lon: 15.93 Prof: 1.5 Km  
± 0.65 km ± 0.21 km ± 0.1 km  
RMS: 0.02s GAP: 343.1° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	51	59.36	4.84	102.1	-0.013
MMN	S	52	.27	4.84	102.1	0.016

**53** 130604 2322 06.9 - Alto Tirreno Cosentino  
Lat: 39.87 Lon: 16.04 Prof: 2.7 Km  
± 0.32 km ± 0.10 km ± 0.1 km  
RMS: 0.03s GAP: 271.9° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	22	7.85	1.86	12.9	-0.013
MMN9	S	22	8.57	1.86	12.9	0.025
MMN	P	22	8.27	4.99	290.2	-0.028
MMN	S	22	9.32	4.99	290.2	0.018

**54** 130604 2337 17.7 - Alto Tirreno Cosentino  
Lat: 39.84 Lon: 15.94 Prof: 11.1 Km  
± 1.76 km ± 2.43 km ± 3.8 km  
RMS: 0.65s GAP: 145.8° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	37	20.75	6.05	36.0	0.514
MMN	S	37	21.83	6.05	36.0	-0.256
MMN9	P	37	21.01	10.00	60.0	0.338
MMN9	S	37	22.53	10.00	60.0	-0.304
CET2	P	37	23.84	35.29	179.4	-0.818

**55** 130604 2338 16.5 - Maratea - Rotonda  
Lat: 39.91 Lon: 15.99 Prof: 7.6 Km  
± 1.01 km ± 0.35 km ± 0.3 km  
RMS: 0.06s GAP: 259.5° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	38	18.24	2.15	185.9	-0.037
MMN	S	38	19.45	2.15	185.9	-0.083
MMN9	P	38	18.51	5.30	112.7	-0.042
MMN9	S	38	20.05	5.30	112.7	0.056

**56** 130605 0412 47.4 - Alto Tirreno Cosentino  
Lat: 39.89 Lon: 15.87 Prof: 266.5 Km  
± 5.26 km ± 9.49 km ± 5.6 km  
RMS: 0.65s GAP: 105.0° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	13	22.67	41.16	170.4	0.930

**57** 130605 0420 02.1 - Alto Tirreno Cosentino  
Lat: 39.89 Lon: 16.06 Prof: 5.0 Km  
± 0.52 km ± 0.26 km ± 1.0 km  
RMS: 0.23s GAP: 155.0° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	20	3.66	1.61	252.1	0.178

MMN9	S	20	4.34	1.61	252.1	-0.152	STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	20	4.15	6.67	264.9	0.071	MMN	P	38	.92	1.41	312.6	-0.024
MMN	S	20	5.05	6.67	264.9	-0.474	MMN	S	38	2.08	1.41	312.6	0.019
<b>58</b> 130605 0657 31.9 - Maratea - Rotonda													
Lat: 39.91 Lon: 16.01 Prof: 2.7 Km													
± 0.58 km ± 0.21 km ± 0.3 km													
RMS: 0.06s GAP: 278.8° NR: 6													
STN	PHASE	MN	SEC	DIST	AZM	RES	STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	57	33.19	4.15	134.3	-0.031	MMN	P	27	2.90	6.47	186.5	-0.130
MMN9	S	57	34.17	4.15	134.3	0.040	MMN	S	27	3.86	6.47	186.5	-0.530
MMN	P	57	33.19	3.68	215.5	0.068	MMN9	P	27	3.21	7.69	145.4	-0.016
MMN	S	57	33.96	3.68	215.5	0.002	MMN9	S	27	4.79	7.69	145.4	0.056
<b>59</b> 130605 0710 07.5 - Alto Tirreno Cosentino													
Lat: 39.84 Lon: 16.02 Prof: 0.0 Km													
± 0.54 km ± 0.32 km ± 0.5 km													
RMS: 0.10s GAP: 303.9° NR: 8													
STN	PHASE	MN	SEC	DIST	AZM	RES	STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	10	8.82	5.70	333.4	-0.050	MMN	P	03	33.63	6.84	199.9	-0.336
MMN	S	10	9.63	5.70	333.4	-0.178	MMN	S	03	34.44	6.84	199.9	-0.652
MMN9	P	10	8.93	5.79	26.2	0.033	MMN9	P	03	33.89	6.91	156.3	-0.097
MMN9	S	10	9.82	5.79	26.2	-0.033	MMN9	S	03	35.18	6.91	156.3	0.051
<b>60</b> 130605 0926 20.0 - Alto Tirreno Cosentino													
Lat: 39.89 Lon: 15.98 Prof: 9.6 Km													
± 0.62 km ± 0.98 km ± 3.4 km													
RMS: 0.59s GAP: 98.3° NR: 53													
STN	PHASE	MN	SEC	DIST	AZM	RES	STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	26	21.99	.55	143.6	-0.033	MMN9	P	18	41.42	3.78	104.0	-0.011
MMN	S	26	23.00	.55	143.6	-0.488	MMN9	S	18	42.76	3.78	104.0	0.013
MMN9	P	26	22.09	5.44	93.6	-0.211	<b>67</b> 130605 1718 39.6 - Alto Tirreno Cosentino						
MMN9	S	26	23.50	5.44	93.6	-0.472	Lat: 39.90 Lon: 16.00 Prof: 7.3 Km						
CET2	P	26	27.81	40.73	184.1	-0.044	± 1.30 km ± 0.32 km ± 0.3 km						
CET2	S	26	33.30	40.73	184.1	-0.291	RMS: 0.06s GAP: 195.4° NR: 6						
SMIN	P	26	38.87	104.44	168.6	0.303	STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	S	26	52.35	104.44	168.6	0.206	MMN9	P	18	41.42	3.78	104.0	-0.011
<b>61</b> 130605 0936 19.4 - Alto Tirreno Cosentino													
Lat: 39.89 Lon: 16.01 Prof: 7.7 Km													
± 0.56 km ± 0.71 km ± 1.9 km													
RMS: 0.33s GAP: 81.2° NR: 23													
STN	PHASE	MN	SEC	DIST	AZM	RES	MMN9	S	18	42.76	3.78	104.0	0.013
MMN	P	36	21.25	2.31	268.0	0.048	<b>68</b> 130605 1901 55.5 - Alto Tirreno Cosentino						
MMN	S	36	22.14	2.31	268.0	-0.329	Lat: 39.85 Lon: 16.02 Prof: 3.8 Km						
MMN9	P	36	21.40	2.80	89.6	0.135	± 0.67 km ± 0.99 km ± 2.4 km						
MMN9	S	36	22.73	2.80	89.6	0.152	RMS: 0.42s GAP: 117.8° NR: 23						
CET2	P	36	27.13	40.64	187.8	-0.122	STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	S	36	32.24	40.64	187.8	-0.707	MMN	P	01	56.99	5.28	323.4	-0.032
<b>62</b> 130605 1120 17.5 - Alto Tirreno Cosentino													
Lat: 39.89 Lon: 15.98 Prof: 6.0 Km													
± 0.46 km ± 0.66 km ± 1.2 km													
RMS: 0.21s GAP: 170.3° NR: 17													
STN	PHASE	MN	SEC	DIST	AZM	RES	MMN	S	01	57.89	5.28	323.4	-0.229
MMN	P	20	18.93	.90	149.3	-0.008	MMN9	P	01	57.01	4.76	24.3	0.035
MMN	S	20	19.89	.90	149.3	-0.066	MMN9	S	01	57.97	4.76	24.3	-0.062
MMN9	P	20	19.20	5.61	96.9	-0.148	CET2	P	02	2.38	36.50	190.0	-0.183
MMN9	S	20	20.27	5.61	96.9	-0.395	CET2	S	02	6.95	36.50	190.0	-0.765
<b>63</b> 130605 1137 45.9 - Alto Tirreno Cosentino													
Lat: 39.88 Lon: 16.00 Prof: 6.4 Km													
± 0.82 km ± 0.26 km ± 0.3 km													
RMS: 0.05s GAP: 219.2° NR: 8													
STN	PHASE	MN	SEC	DIST	AZM	RES	<b>69</b> 130605 1931 38.1 - Alto Tirreno Cosentino						
MMN	P	37	47.39	1.29	316.0	-0.048	Lat: 39.85 Lon: 16.09 Prof: 5.0 Km						
MMN	S	37	48.56	1.29	316.0	0.047	± 0.60 km ± 0.59 km ± 1.6 km						
MMN9	P	37	47.73	4.33	76.3	0.049	RMS: 0.35s GAP: 111.7° NR: 18						
MMN9	S	37	48.88	4.33	76.3	-0.056	STN	PHASE	MN	SEC	DIST	AZM	RES
<b>64</b> 130605 1137 59.4 - Alto Tirreno Cosentino													
Lat: 39.88 Lon: 16.00 Prof: 6.7 Km													
± 0.58 km ± 0.16 km ± 0.2 km													
RMS: 0.03s GAP: 218.4° NR: 8													
STN	PHASE	MN	SEC	DIST	AZM	RES	MMN9	P	31	39.98	5.49	316.6	0.052
MMN	P	39	3.78	5.02	336.4	-0.025	MMN9	S	31	40.91	5.49	316.6	-0.347
MMN	S	39	4.38	5.02	336.4	-0.261	MMN	P	31	40.71	9.70	293.7	0.080
MMN9	P	39	3.94	5.63	33.4	-0.008	MMN	S	31	41.98	9.70	293.7	-0.492
MMN9	S	39	4.90	5.63	33.4	0.020	CET2	P	31	45.75	38.25	198.4	-0.225
<b>70</b> 130605 1939 02.6 - Alto Tirreno Cosentino													
Lat: 39.84 Lon: 16.01 Prof: 0.0 Km													
± 0.66 km ± 0.37 km ± 0.6 km													
RMS: 0.12s GAP: 299.4° NR: 8													
STN	PHASE	MN	SEC	DIST	AZM	RES	<b>71</b> 130605 2142 16.8 - Bacino di Cefalu'						
MMN	P	39	3.78	5.02	336.4	-0.025	Lat: 38.21 Lon: 14.85 Prof: 126.1 Km						
MMN	S	39	4.38	5.02	336.4	-0.261	± 3.17 km ± 2.91 km ± 3.9 km						
MMN9	P	39	3.94	5.63	33.4	-0.008	RMS: 0.49s GAP: 175.2° NR: 22						
MMN9	S	39	4.90	5.63	33.4	0.020	STN	PHASE	MN	SEC	DIST	AZM	RES
<b>71</b> 130605 2142 16.8 - Bacino di Cefalu'													
Lat: 38.21 Lon: 14.85 Prof: 126.1 Km													
± 3.17 km ± 2.91 km ± 3.9 km													
RMS: 0.49s GAP: 175.2° NR: 22													
STN	PHASE	MN	SEC	DIST	AZM	RES	CNDF	P	42	38.45	90.71	105.2	0.192
MMN	P	39	3.78	5.02	336.4	-0.025							
MMN	S	39	4.38	5.02	336.4	-0.261							
MMN9	P	39	3.94	5.63	33.4	-0.008							
MMN9	S	39	4.90	5.63	33.4	0.020							

**72** 130605 2234 55.3 - Alto Tirreno Cosentino  
 Lat: 39.88 Lon: 16.00 Prof: 6.4 Km  
 ± 1.02 km ± 0.26 km ± 0.3 km  
 RMS: 0.05s GAP: 194.2° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	34	56.81	1.38	293.5	-0.008
MMN	S	34	57.80	1.38	293.5	-0.095
MMN9	P	34	56.98	3.89	80.4	-0.041
MMN9	S	34	58.30	3.89	80.4	0.055

**73** 130605 2242 13.6 - Alto Tirreno Cosentino  
 Lat: 39.87 Lon: 16.01 Prof: 2.2 Km  
 ± 0.67 km ± 0.17 km ± 0.3 km  
 RMS: 0.07s GAP: 224.1° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	42	14.49	2.46	300.5	-0.042
MMN	S	42	15.09	2.46	300.5	-0.089
MMN9	P	42	14.62	3.28	65.7	-0.065
MMN9	S	42	15.52	3.28	65.7	0.083

**74** 130606 0316 11.4 - Alto Tirreno Cosentino  
 Lat: 39.86 Lon: 16.00 Prof: 4.0 Km  
 ± 0.80 km ± 0.32 km ± 0.4 km  
 RMS: 0.07s GAP: 281.8° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	16	12.77	3.12	335.5	0.068
MMN	S	16	13.52	3.12	335.5	-0.078
MMN9	P	16	12.90	4.81	52.4	-0.048
MMN9	S	16	14.08	4.81	52.4	0.054

**75** 130606 0724 25.6 - Maratea - Rotonda  
 Lat: 39.92 Lon: 16.00 Prof: 5.9 Km  
 ± 1.08 km ± 0.49 km ± 0.6 km  
 RMS: 0.10s GAP: 277.5° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	24	27.20	3.89	200.9	-0.040
MMN	S	24	28.18	3.89	200.9	-0.206
MMN9	P	24	27.37	5.13	133.6	-0.034
MMN9	S	24	28.73	5.13	133.6	0.058

**76** 130606 0940 12.7 - Alto Tirreno Cosentino  
 Lat: 39.89 Lon: 15.99 Prof: 6.6 Km  
 ± 1.78 km ± 0.48 km ± 0.5 km  
 RMS: 0.09s GAP: 139.0° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	40	14.28	.17	164.8	0.011
MMN	S	40	15.18	.17	164.8	-0.176
MMN9	P	40	14.61	5.15	90.8	-0.003
MMN9	S	40	15.96	5.15	90.8	0.012

**77** 130606 1412 21.3 - Alto Tirreno Cosentino  
 Lat: 39.89 Lon: 15.97 Prof: 2.5 Km  
 ± 0.38 km ± 0.19 km ± 0.2 km  
 RMS: 0.05s GAP: 298.2° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	12	22.13	1.41	129.3	-0.028
MMN	S	12	22.68	1.41	129.3	-0.073
MMN9	P	12	22.92	6.25	97.3	-0.018
MMN9	S	12	24.14	6.25	97.3	0.031

**78** 130606 1413 49.7 - Alto Tirreno Cosentino  
 Lat: 39.87 Lon: 15.99 Prof: 5.7 Km  
 ± 1.72 km ± 0.64 km ± 0.7 km  
 RMS: 0.13s GAP: 267.5° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	13	51.21	2.00	342.5	0.038
MMN	S	13	51.91	2.00	342.5	-0.277
MMN9	P	13	51.41	4.93	66.0	-0.058
MMN9	S	13	52.78	4.93	66.0	0.081

**79** 130606 1447 07.7 - Vulcani Palinuro-Enotrio  
 Lat: 39.50 Lon: 15.21 Prof: 280.5 Km  
 ± 3.85 km ± 6.44 km ± 7.1 km  
 RMS: 0.82s GAP: 176.7° NR: 37

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	47	44.68	63.45	88.2	0.600
ROI	P	47	46.99	116.45	86.6	0.203
LADO	P	47	48.18	153.79	99.3	-0.456
LADO	S	48	17.90	153.79	99.3	-0.632
CNDF	P	47	50.93	175.89	162.0	0.617

**80** 130606 1535 02.3 - Maratea - Rotonda  
 Lat: 39.92 Lon: 16.02 Prof: 4.1 Km  
 ± 0.56 km ± 0.42 km ± 1.0 km  
 RMS: 0.17s GAP: 173.8° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	35	3.77	4.87	218.3	0.010
MMN	S	35	4.42	4.87	218.3	-0.411
MMN9	P	35	3.78	4.27	150.6	0.075
MMN9	S	35	4.81	4.27	150.6	0.075

**81** 130606 2128 26.0 - Alto Tirreno Cosentino  
 Lat: 39.85 Lon: 16.01 Prof: 0.0 Km  
 ± 1.08 km ± 0.51 km ± 0.9 km  
 RMS: 0.19s GAP: 289.5° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	28	27.00	4.41	330.9	-0.083
MMN	S	28	27.42	4.41	330.9	-0.393
MMN9	P	28	27.23	4.94	36.8	0.021
MMN9	S	28	28.02	4.94	36.8	-0.003

**82** 130606 2133 27.5 - Alto Tirreno Cosentino  
 Lat: 39.84 Lon: 16.01 Prof: 0.0 Km  
 ± 0.77 km ± 0.45 km ± 0.6 km  
 RMS: 0.14s GAP: 302.8° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	33	28.74	5.53	334.1	-0.012
MMN	S	33	29.38	5.53	334.1	-0.291
MMN9	P	33	28.82	5.74	27.9	0.012
MMN9	S	33	29.75	5.74	27.9	-0.008

**83** 130606 2156 43.4 - Maratea - Rotonda  
 Lat: 39.91 Lon: 16.00 Prof: 2.7 Km  
 ± 1.02 km ± 0.40 km ± 0.5 km  
 RMS: 0.10s GAP: 279.2° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	56	44.51	2.70	201.1	0.052
MMN	S	56	45.14	2.70	201.1	-0.044
MMN9	P	56	44.71	4.79	120.3	-0.099
MMN9	S	56	45.91	4.79	120.3	0.115

**84** 130606 2243 14.6 - G. di Squillace  
 Lat: 38.83 Lon: 16.76 Prof: 30.7 Km  
 ± 1.08 km ± 1.69 km ± 3.0 km  
 RMS: 0.47s GAP: 193.7° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	43	24.60	49.22	287.5	-0.176
SMIN	S	43	32.35	49.22	287.5	0.170
LADO	P	43	25.42	52.72	19.8	0.240
CUP2	P	43	26.31	63.46	342.2	-0.598
CUP2	S	43	35.50	63.46	342.2	-0.376

**85** 130606 2308 25.7 - Maratea - Rotonda  
 Lat: 39.91 Lon: 16.04 Prof: 0.0 Km  
 ± 2.07 km ± 1.30 km ± 1.5 km  
 RMS: 0.34s GAP: 282.4° NR: 7

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	08	26.26	2.67	174.0	-0.090
MMN9	S	08	26.89	2.67	174.0	0.076
MMN	P	08	27.48	5.56	240.3	0.513

**86** 130606 2329 52.9 - G. di Squillace  
 Lat: 38.83 Lon: 16.75 Prof: 31.1 Km  
 ± 1.03 km ± 1.47 km ± 3.0 km  
 RMS: 0.46s GAP: 190.5° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	30	2.70	47.70	288.0	-0.244
SMIN	S	30	10.71	47.70	288.0	0.475
LADO	P	30	3.57	53.18	21.4	-0.066
LADO	S	30	12.21	53.18	21.4	0.781
CUP2	P	30	5.68	62.90	343.6	0.465
CUP2	S	30	14.15	62.90	343.6	-0.014

**87** 130606 2340 11.0 - G. di Squillace  
 Lat: 38.85 Lon: 16.73 Prof: 28.7 Km  
 ± 1.16 km ± 1.66 km ± 3.4 km  
 RMS: 0.53s GAP: 186.2° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	40	20.50	45.82	287.1	-0.090
SMIN	S	40	27.84	45.82	287.1	0.271
LADO	P	40	21.49	52.64	23.5	-0.014
LADO	S	40	29.49	52.64	23.5	0.332
CUP2	P	40	22.04	61.29	344.6	-0.908
CUP2	S	40	30.70	61.29	344.6	-0.960

**88** 130607 0031 03.8 - G. di Squillace  
 Lat: 38.84 Lon: 16.74 Prof: 32.7 Km  
 ± 1.02 km ± 1.61 km ± 3.0 km  
 RMS: 0.46s GAP: 188.9° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	31	13.63	47.11	287.0	-0.237
SMIN	S	31	21.10	47.11	287.0	-0.073
LADO	P	31	14.53	52.41	22.1	0.019
CUP2	P	31	16.05	61.89	343.6	0.016
CUP2	S	31	25.10	61.89	343.6	0.173
ROI	P	31	19.37	81.82	348.9	0.563
ROI	S	31	29.26	81.82	348.9	-0.469

**89** 130607 0032 20.8 - G. di Squillace  
 Lat: 38.82 Lon: 16.77 Prof: 25.0 Km  
 ± 1.11 km ± 2.02 km ± 2.8 km  
 RMS: 0.43s GAP: 218.0° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	32	30.37	50.43	288.2	-0.485
SMIN	S	32	37.72	50.43	288.2	-0.457

**90** 130607 0040 36.6 - Valle del Crati  
 Lat: 39.26 Lon: 16.23 Prof: 10.1 Km  
 ± 0.56 km ± 0.64 km ± 2.1 km  
 RMS: 0.37s GAP: 96.2° NR: 25

STN	PHASE	MN	SEC	DIST	AZM	RES
SCOI	P	40	38.77	3.56	37.2	0.010
SCOI	S	40	39.82	3.56	37.2	-0.456
CUP2	P	40	42.64	30.37	63.9	-0.046
CUP2	S	40	46.93	30.37	63.9	-0.146
SMIN	P	40	43.16	32.28	180.5	0.249
SMIN	S	40	48.01	32.28	180.5	0.544
CET2	P	40	44.06	37.88	321.1	0.013
CET2	S	40	48.88	37.88	321.1	-0.554
ROI	P	40	45.79	44.90	40.3	0.459
ROI	S	40	51.26	44.90	40.3	-0.397
LADO	P	40	48.17	64.57	87.8	-0.211
LADO	S	40	57.33	64.57	87.8	0.388

**91** 130607 0102 54.3 - Alto Tirreno Cosentino  
 Lat: 39.84 Lon: 16.00 Prof: .4 Km  
 ± 0.75 km ± 0.45 km ± 0.6 km  
 RMS: 0.14s GAP: 301.4° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	02	55.34	4.96	340.8	-0.180
MMN	S	02	56.17	4.96	340.8	-0.183
MMN9	P	02	55.75	5.91	36.0	0.015
MMN9	S	02	56.73	5.91	36.0	0.005

**92** 130607 0131 11.7 - Sila Grande  
 Lat: 39.24 Lon: 16.32 Prof: 11.9 Km  
 ± 0.82 km ± 0.72 km ± 2.6 km  
 RMS: 0.44s GAP: 77.6° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
SCOI	P	31	14.36	7.53	306.1	-0.013
SCOI	S	31	15.92	7.53	306.1	-0.402
CUP2	P	31	15.92	24.20	51.9	-0.890
CUP2	S	31	20.78	24.20	51.9	0.236
SMIN	P	31	18.25	31.84	195.5	0.305
SMIN	S	31	22.41	31.84	195.5	-0.099
CET2	P	31	20.36	44.63	314.1	0.084
CET2	S	31	26.50	44.63	314.1	-0.046

**93** 130607 0235 03.1 - Alto Tirreno Cosentino  
 Lat: 39.88 Lon: 16.02 Prof: 0.0 Km  
 ± 1.46 km ± 0.82 km ± 0.6 km  
 RMS: 0.14s GAP: 340.8° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	35	3.83	3.40	280.8	-0.108
MMN	S	35	4.36	3.40	280.8	-0.149

**94** 130607 0256 46.6 - Aspromonte  
 Lat: 38.20 Lon: 15.81 Prof: 17.1 Km  
 ± 0.42 km ± 0.37 km ± 0.9 km  
 RMS: 0.15s GAP: 84.4° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	56	51.97	22.93	171.9	0.127
CNDF	S	56	55.42	22.93	171.9	-0.236

**95** 130607 0350 53.3 - Alto Tirreno Cosentino  
 Lat: 39.86 Lon: 16.03 Prof: 1.1 Km  
 ± 0.45 km ± 0.19 km ± 0.3 km  
 RMS: 0.07s GAP: 278.8° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	50	54.13	3.02	19.9	-0.022
MMN9	S	50	54.81	3.02	19.9	0.055
MMN	P	50	54.52	4.91	303.9	0.011
MMN	S	50	55.30	4.91	303.9	-0.071

**96** 130607 0522 42.0 - Maratea - Rotonda  
 Lat: 39.93 Lon: 15.99 Prof: 6.1 Km  
 ± 1.35 km ± 0.79 km ± 0.8 km  
 RMS: 0.14s GAP: 297.7° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	22	43.61	4.55	185.9	-0.063
MMN	S	22	44.64	4.55	185.9	-0.249
MMN9	P	22	43.99	6.41	133.6	0.066
MMN9	S	22	45.27	6.41	133.6	-0.054

**97** 130607 0715 15.3 - Alto Tirreno Cosentino  
 Lat: 39.84 Lon: 16.03 Prof: 2.3 Km  
 ± 0.59 km ± 0.86 km ± 1.7 km  
 RMS: 0.38s GAP: 116.6° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	15	16.86	5.96	320.8	0.004
MMN	S	15	17.73	5.96	320.8	-0.226
MMN9	P	15	16.88	4.91	15.8	0.209
MMN9	S	15	17.86	4.91	15.8	0.223
CET2	P	15	22.39	36.24	191.1	-0.066
CET2	S	15	27.20	36.24	191.1	-0.455

**98** 130607 0840 33.3 - G. di Squillace  
 Lat: 38.83 Lon: 16.79 Prof: 22.7 Km  
 ± 1.95 km ± 3.30 km ± 4.7 km  
 RMS: 0.81s GAP: 197.3° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	40	43.63	52.18	17.9	0.053
CET2	P	40	50.81	105.37	316.7	0.346



**99** 130607 0854 25.0 - Alto Tirreno Cosentino  
 Lat: 39.85 Lon: 16.04 Prof: 5.4 Km  
 ± 0.61 km ± 0.78 km ± 2.1 km  
 RMS: 0.36s GAP: 113.1° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	54	26.70	5.96	309.4	-0.054
MMN	S	54	27.62	5.96	309.4	-0.413
MMN9	P	54	26.74	3.91	7.4	0.204
MMN9	S	54	27.72	3.91	7.4	0.064
CET2	P	54	32.16	37.24	192.1	-0.011
CET2	S	54	36.64	37.24	192.1	-0.777

**100** 130607 0902 48.7 - Alto Tirreno Cosentino  
 Lat: 39.86 Lon: 16.03 Prof: 6.2 Km  
 ± 0.52 km ± 0.62 km ± 2.0 km  
 RMS: 0.34s GAP: 102.6° NR: 27

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	02	50.43	5.06	309.6	-0.033
MMN	S	02	51.27	5.06	309.6	-0.460
MMN9	P	02	50.47	3.54	20.0	0.128
MMN9	S	02	51.46	3.54	20.0	-0.060
CET2	P	02	55.82	37.64	190.9	-0.153
CET2	S	03	.63	37.64	190.9	-0.643

**101** 130607 0906 39.1 - Alto Tirreno Cosentino  
 Lat: 39.88 Lon: 16.06 Prof: 0.0 Km  
 ± 1.68 km ± 0.57 km ± 0.5 km  
 RMS: 0.10s GAP: 347.6° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	06	40.62	6.01	271.8	0.081
MMN	S	06	41.43	6.01	271.8	-0.098

**102** 130607 0914 03.1 - Alto Tirreno Cosentino  
 Lat: 39.84 Lon: 16.00 Prof: 0.0 Km  
 ± 1.87 km ± 1.25 km ± 1.6 km  
 RMS: 0.36s GAP: 306.8° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	14	3.93	5.41	343.9	-0.386
MMN	S	14	4.68	5.41	343.9	-0.528
MMN9	P	14	4.69	6.41	34.3	0.150
MMN9	S	14	5.48	6.41	34.3	-0.117

**103** 130607 0919 35.2 - Maratea - Rotonda  
 Lat: 39.91 Lon: 16.01 Prof: 0.0 Km  
 ± 0.58 km ± 0.55 km ± 0.4 km  
 RMS: 0.08s GAP: 335.8° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	19	35.97	3.16	226.5	0.024
MMN	S	19	36.39	3.16	226.5	-0.087

**104** 130607 0930 02.5 - Alto Tirreno Cosentino  
 Lat: 39.84 Lon: 16.02 Prof: 0.0 Km  
 ± 0.39 km ± 0.23 km ± 0.3 km  
 RMS: 0.07s GAP: 304.4° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	30	3.79	5.80	332.5	-0.017
MMN	S	30	4.62	5.80	332.5	-0.145
MMN9	P	30	3.80	5.78	24.8	-0.007
MMN9	S	30	4.78	5.78	24.8	0.016

**105** 130607 0935 38.6 - Alto Tirreno Cosentino  
 Lat: 39.84 Lon: 16.01 Prof: 2.3 Km  
 ± 0.70 km ± 1.05 km ± 2.2 km  
 RMS: 0.50s GAP: 106.4° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	35	40.16	5.82	27.0	0.021
MMN9	S	35	41.14	5.82	27.0	-0.090
MMN	P	35	40.16	5.65	334.1	0.070
MMN	S	35	41.11	5.65	334.1	-0.036
CET2	P	35	45.50	35.55	189.2	-0.133
CET2	S	35	50.22	35.55	189.2	-0.528

**106** 130607 0943 21.6 - Alto Tirreno Cosentino  
 Lat: 39.84 Lon: 16.01 Prof: 0.0 Km  
 ± 0.63 km ± 0.34 km ± 0.5 km  
 RMS: 0.12s GAP: 298.9° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	43	22.84	5.17	333.1	0.019
MMN	S	43	23.42	5.17	333.1	-0.256
MMN9	P	43	22.88	5.46	30.4	-0.011
MMN9	S	43	23.82	5.46	30.4	0.024

**107** 130607 0951 40.4 - Alto Tirreno Cosentino  
 Lat: 39.84 Lon: 16.02 Prof: 0.0 Km  
 ± 0.56 km ± 0.32 km ± 0.5 km  
 RMS: 0.10s GAP: 302.5° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	51	41.66	5.65	331.2	-0.030
MMN	S	51	42.40	5.65	331.2	-0.222
MMN9	P	51	41.68	5.59	25.3	-0.002
MMN9	S	51	42.62	5.59	25.3	0.014

**108** 130607 1010 58.3 - Alto Tirreno Cosentino  
 Lat: 39.85 Lon: 16.02 Prof: 1.5 Km  
 ± 0.53 km ± 0.28 km ± 0.4 km  
 RMS: 0.09s GAP: 296.3° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	11	-.44	5.15	29.1	-0.030
MMN9	S	11	.57	5.15	29.1	0.046
MMN	P	11	-.44	5.11	329.4	-0.007
MMN	S	11	.29	5.11	329.4	-0.195

**109** 130607 1055 54.3 - Alto Tirreno Cosentino  
 Lat: 39.82 Lon: 16.03 Prof: 0.0 Km  
 ± 0.70 km ± 0.76 km ± 2.0 km  
 RMS: 0.44s GAP: 113.7° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	55	56.24	7.12	9.3	0.351
MMN9	S	55	57.22	7.12	9.3	0.160
MMN	P	55	56.27	7.98	330.3	0.198
MMN	S	55	56.97	7.98	330.3	-0.408
CET2	P	56	1.75	34.02	192.2	0.398
CET2	S	56	6.50	34.02	192.2	-0.022

**110** 130607 1103 27.0 - Alto Tirreno Cosentino  
 Lat: 39.84 Lon: 16.02 Prof: 0.0 Km  
 ± 0.36 km ± 0.22 km ± 0.3 km  
 RMS: 0.07s GAP: 304.8° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	03	28.29	5.83	333.1	-0.018
MMN	S	03	29.14	5.83	333.1	-0.126
MMN9	P	03	28.32	5.85	25.0	0.002
MMN9	S	03	29.29	5.85	25.0	0.004

**111** 130607 1142 30.1 - Alto Tirreno Cosentino  
 Lat: 39.84 Lon: 16.02 Prof: 0.0 Km  
 ± 0.35 km ± 0.21 km ± 0.3 km  
 RMS: 0.07s GAP: 305.7° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	42	31.45	5.85	334.7	0.013
MMN	S	42	32.26	5.85	334.7	-0.140
MMN9	P	42	31.46	5.98	25.8	-0.011
MMN9	S	42	32.48	5.98	25.8	0.019

**112** 130607 1214 05.3 - Alto Tirreno Cosentino  
 Lat: 39.85 Lon: 16.02 Prof: 0.0 Km  
 ± 2.35 km ± 1.08 km ± 1.7 km  
 RMS: 0.37s GAP: 290.3° NR: 7

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	14	6.22	4.33	24.3	-0.135
MMN9	S	14	7.21	4.33	24.3	0.128
MMN	P	14	7.07	5.09	319.1	0.558

113 130607 1229 44.8 - Catena del Pollino  
 Lat: 39.88 Lon: 16.24 Prof: 9.4 Km  
 ± 0.86 km ± 0.73 km ± 2.2 km  
 RMS: 0.37s GAP: 123.7° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	29	48.84	17.05	272.8	0.092
MMN9	S	29	51.51	17.05	272.8	-0.078
CET2	P	29	53.80	46.90	212.7	-0.044
CET2	S	29	59.45	46.90	212.7	-0.969

114 130607 1242 03.7 - Alto Tirreno Cosentino  
 Lat: 39.90 Lon: 16.04 Prof: 7.9 Km  
 ± 1.11 km ± 1.07 km ± 3.0 km  
 RMS: 0.52s GAP: 91.0° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	42	5.22	1.83	151.3	-0.261
MMN9	S	42	5.87	1.83	151.3	-0.914
CET2	P	42	11.89	42.55	190.1	0.075

115 130607 1620 08.6 - Marchesato  
 Lat: 38.96 Lon: 16.89 Prof: 5.0 Km  
 ± 3.35 km ± 3.07 km ± 4.8 km  
 RMS: 0.83s GAP: 259.7° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	20	32.41	36.73	11.5	0.328
LADO	S	20	37.22	36.73	11.5	0.124
SMIN	P	20	36.39	57.51	271.2	0.719
SMIN	S	20	43.74	57.51	271.2	0.430

116 130607 1857 16.1 - Alto Tirreno Cosentino  
 Lat: 39.88 Lon: 16.05 Prof: 5.8 Km  
 ± 0.58 km ± 0.69 km ± 1.8 km  
 RMS: 0.32s GAP: 82.0° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	57	17.66	.99	359.5	0.072
MMN9	S	57	18.45	.99	359.5	-0.152
CET2	P	57	23.80	40.17	192.0	-0.069
CET2	S	57	28.69	40.17	192.0	-0.798

117 130608 0207 52.7 - Bacino di Gioia  
 Lat: 38.45 Lon: 15.77 Prof: 31.7 Km  
 ± 0.92 km ± 1.26 km ± 3.5 km  
 RMS: 0.54s GAP: 104.5° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	08	3.37	50.91	172.1	0.076
CNDF	S	08	10.54	50.91	172.1	-0.461
SMIN	P	08	5.82	69.52	34.7	-0.344
CET2	P	08	12.40	119.97	7.7	0.691
CET2	S	08	25.83	119.97	7.7	0.255
CUP2	P	08	13.58	122.77	33.2	0.062
CUP2	S	08	28.16	122.77	33.2	-0.548

118 130608 2020 00.3 - Sila Grande  
 Lat: 39.22 Lon: 16.45 Prof: 17.3 Km  
 ± 0.69 km ± 0.76 km ± 2.5 km  
 RMS: 0.43s GAP: 92.9° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	20	5.30	19.78	25.1	-0.030
CUP2	S	20	8.95	19.78	25.1	-0.009
SMIN	P	20	7.45	33.68	214.7	0.208
SMIN	S	20	12.56	33.68	214.7	0.285
ROI	P	20	8.69	40.13	14.6	0.191
ROI	S	20	13.65	40.13	14.6	-0.795
LADO	P	20	9.15	46.19	81.2	-0.081
LADO	S	20	16.67	46.19	81.2	0.957
CET2	P	20	10.88	54.60	308.6	0.058
CET2	S	20	17.91	54.60	308.6	-0.570

119 130608 2020 17.3 - Alto Tirreno Cosentino  
 Lat: 39.84 Lon: 16.02 Prof: 1.7 Km  
 ± 0.20 km ± 0.11 km ± 0.1 km  
 RMS: 0.03s GAP: 303.9° NR: 6

120 130608 2250 01.3 - Filicudi  
 Lat: 38.59 Lon: 14.54 Prof: 7.3 Km  
 ± 1.03 km ± 0.93 km ± 4.0 km  
 RMS: 0.70s GAP: 157.2° NR: 57

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	50	26.28	160.16	50.0	0.763
CET2	S	50	43.64	160.16	50.0	0.442
CUP2	P	50	31.13	194.28	63.5	-0.304
CUP2	S	50	53.41	194.28	63.5	-0.043

121 130609 0000 07.4 - Filicudi  
 Lat: 38.55 Lon: 14.53 Prof: 6.8 Km  
 ± 1.07 km ± 1.16 km ± 3.4 km  
 RMS: 0.59s GAP: 146.3° NR: 26

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	00	31.96	164.08	49.3	-0.240
CET2	S	00	50.01	164.08	49.3	-0.280

122 130609 0128 53.3 - Offshore Scalea - Diamante  
 Lat: 39.50 Lon: 15.62 Prof: 237.7 Km  
 ± 2.79 km ± 6.05 km ± 6.3 km  
 RMS: 0.74s GAP: 157.8° NR: 39

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	29	24.44	28.70	84.1	0.445
CET2	S	29	46.57	28.70	84.1	0.139
SMIN	P	29	25.56	78.55	138.5	-0.527
SMIN	S	29	49.07	78.55	138.5	-0.984
ROI	P	29	26.42	81.75	84.6	0.264
CUP2	P	29	26.80	80.73	99.4	0.655
LADO	P	29	27.69	119.32	101.6	-0.129
CNDF	P	29	31.56	167.52	173.3	0.377
CNDF	S	29	58.79	167.52	173.3	-0.089

123 130609 0709 19.4 - Bacino di Paola  
 Lat: 39.41 Lon: 15.90 Prof: 9.2 Km  
 ± 1.88 km ± 3.42 km ± 1.0 km  
 RMS: 0.17s GAP: 244.7° NR: 9

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	09	35.67	94.04	98.9	-0.150

124 130609 1326 12.2 - Alto Tirreno Cosentino  
 Lat: 39.85 Lon: 16.01 Prof: 3.1 Km  
 ± 0.17 km ± 0.33 km ± 0.5 km  
 RMS: 0.08s GAP: 158.5° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	26	13.75	5.31	30.4	0.023
MMN9	S	26	14.74	5.31	30.4	-0.075
CET2	P	26	19.25	36.15	189.0	0.026
CET2	S	26	24.24	36.15	189.0	-0.096

125 130609 2048 09.2 - Stretto di Messina  
 Lat: 37.92 Lon: 15.55 Prof: 23.9 Km  
 ± 2.08 km ± 1.85 km ± 4.8 km  
 RMS: 0.84s GAP: 125.0° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	48	15.83	28.14	73.2	-0.039
CNDF	S	48	20.18	28.14	73.2	-0.567

126 130609 2052 38.2 - Alto Tirreno Cosentino  
 Lat: 39.87 Lon: 16.06 Prof: 2.7 Km  
 ± 0.66 km ± 0.69 km ± 2.2 km  
 RMS: 0.49s GAP: 84.9° NR: 23

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	52	39.48	1.97	314.3	0.284
MMN9	S	52	39.82	1.97	314.3	-0.060
CET2	P	52	46.36	40.10	194.0	-0.367
CET2	S	52	52.29	40.10	194.0	-0.640

127 130609 2249 49.0 - Alto Tirreno Cosentino  
Lat: 39.86 Lon: 16.06 Prof: 3.9 Km  
± 0.94 km ± 1.29 km ± 2.7 km  
RMS: 0.47s GAP: 104.1° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	49	50.39	3.20	342.6	0.118
MMN9	S	49	51.12	3.20	342.6	-0.071
CET2	P	49	56.33	38.37	194.0	-0.055
CET2	S	50	1.09	38.37	194.0	-0.687

128 130610 0247 38.5 - Alto Tirreno Cosentino  
Lat: 39.85 Lon: 16.02 Prof: 5.6 Km  
± 0.67 km ± 0.71 km ± 2.4 km  
RMS: 0.42s GAP: 103.9° NR: 28

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	47	40.14	4.06	26.6	0.006
MMN9	S	47	41.15	4.06	26.6	-0.135
CET2	P	47	45.56	37.23	190.1	-0.167
ROI	P	47	49.75	56.23	124.5	0.627
ROI	S	47	57.81	56.23	124.5	0.956

129 130610 0346 58.5 - Piana bat. ionica  
Lat: 37.23 Lon: 15.88 Prof: 33.1 Km  
± 2.10 km ± 2.25 km ± 4.9 km  
RMS: 0.63s GAP: 213.0° NR: 42

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	47	13.29	85.34	358.4	-0.127
CNDF	S	47	23.88	85.34	358.4	-0.412

130 130610 0505 50.4 - Bacino di Gioia  
Lat: 38.36 Lon: 15.41 Prof: 118.2 Km  
± 2.44 km ± 2.93 km ± 5.5 km  
RMS: 0.68s GAP: 103.3° NR: 35

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	06	11.84	97.50	46.5	-0.159
SMIN	S	06	27.44	97.50	46.5	-0.318
CET2	P	06	15.62	137.26	20.1	0.855

131 130610 0608 29.2 - Maratea - Rotonda  
Lat: 39.96 Lon: 16.01 Prof: 6.8 Km  
± 1.23 km ± 1.07 km ± 0.8 km  
RMS: 0.14s GAP: 321.4° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	08	31.60	9.09	158.0	-0.026
MMN9	S	08	33.38	9.09	158.0	0.031
MMN	P	08	31.67	8.69	191.3	0.126
MMN	S	08	33.06	8.69	191.3	-0.145

132 130610 0937 11.0 - Maratea - Rotonda  
Lat: 39.94 Lon: 16.03 Prof: 6.8 Km  
± 1.13 km ± 1.41 km ± 4.1 km  
RMS: 0.71s GAP: 81.1° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	37	13.08	7.30	212.5	-0.069
MMN	S	37	14.36	7.30	212.5	-0.310
CET2	P	37	19.53	46.89	188.8	-0.385
CET2	S	37	25.50	46.89	188.8	-0.894

133 130610 1501 17.2 - Alto Tirreno Cosentino  
Lat: 39.88 Lon: 16.00 Prof: 1.4 Km  
± 0.75 km ± 0.20 km ± 0.4 km  
RMS: 0.09s GAP: 212.7° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	01	17.83	1.83	300.8	-0.042
MMN	S	01	18.30	1.83	300.8	-0.050
MMN9	P	01	18.14	3.68	73.6	-0.061
MMN9	S	01	19.00	3.68	73.6	0.080

134 130610 1947 34.5 - Alto Tirreno Cosentino  
Lat: 39.90 Lon: 16.01 Prof: 5.1 Km  
± 1.16 km ± 0.29 km ± 0.4 km  
RMS: 0.07s GAP: 200.4° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	47	35.85	2.17	239.4	-0.021
MMN	S	47	36.68	2.17	239.4	-0.145
MMN9	P	47	35.97	3.39	107.2	-0.040
MMN9	S	47	37.12	3.39	107.2	0.057

135 130610 2335 08.4 - Maratea - Rotonda  
Lat: 39.93 Lon: 16.02 Prof: 2.7 Km  
± 0.86 km ± 1.12 km ± 0.3 km  
RMS: 0.07s GAP: 347.9° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	35	9.90	5.64	212.9	-0.015
MMN	S	35	11.03	5.64	212.9	0.030

136 130611 0020 16.2 - Maratea - Rotonda  
Lat: 39.90 Lon: 16.01 Prof: 5.9 Km  
± 0.48 km ± 0.14 km ± 0.2 km  
RMS: 0.03s GAP: 230.4° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	20	17.74	3.02	231.6	-0.009
MMN	S	20	18.83	3.02	231.6	-0.009
MMN9	P	20	17.83	3.26	123.0	0.028
MMN9	S	20	18.90	3.26	123.0	-0.031

137 130611 0027 47.7 - Catena del Pollino  
Lat: 39.86 Lon: 16.23 Prof: 5.2 Km  
±10.04 km ± 2.05 km ± 0.9 km  
RMS: 0.19s GAP: 356.1° NR: 7

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	27	51.78	16.12	280.1	0.191
MMN9	S	27	54.18	16.12	280.1	-0.221

138 130611 0121 05.4 - Alto Tirreno Cosentino  
Lat: 39.84 Lon: 16.02 Prof: 2.5 Km  
± 0.40 km ± 0.61 km ± 1.1 km  
RMS: 0.25s GAP: 121.6° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	21	6.90	5.61	325.8	0.030
MMN	S	21	7.56	5.61	325.8	-0.376
MMN9	P	21	6.93	5.13	22.4	0.131
MMN9	S	21	7.99	5.13	22.4	0.176
CET2	P	21	12.27	36.10	190.2	-0.194
CET2	S	21	17.20	36.10	190.2	-0.425

139 130611 0121 48.0 - Maratea - Rotonda  
Lat: 39.90 Lon: 16.01 Prof: 4.9 Km  
± 0.95 km ± 0.28 km ± 0.4 km  
RMS: 0.07s GAP: 230.9° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	21	49.37	2.75	225.7	0.054
MMN	S	21	50.15	2.75	225.7	-0.129
MMN9	P	21	49.37	3.63	120.2	-0.063
MMN9	S	21	50.56	3.63	120.2	0.078

140 130611 0228 30.9 - Maratea - Rotonda  
Lat: 39.94 Lon: 16.00 Prof: 2.7 Km  
± 1.55 km ± 1.12 km ± 1.2 km  
RMS: 0.27s GAP: 307.4° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	28	32.56	6.22	192.5	-0.004
MMN	S	28	33.12	6.22	192.5	-0.613
MMN9	P	28	32.67	7.06	147.8	-0.073
MMN9	S	28	34.17	7.06	147.8	0.126

141 130611 0232 20.0 - Vulcano Marsili  
Lat: 38.78 Lon: 14.27 Prof: 27.1 Km  
± 1.35 km ± 1.43 km ± 4.6 km  
RMS: 0.59s GAP: 185.9° NR: 46

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	32	44.70	163.04	122.9	0.224
SMIN	P	32	45.17	170.63	83.6	-0.728
SMIN	S	33	4.40	170.63	83.6	-0.404
SCOI	P	32	46.78	180.34	72.5	-0.350

CUP2 P 32 51.15 207.48 71.8 0.720

**142** 130611 0257 33.3 - Alto Tirreno Cosentino  
 Lat: 39.84 Lon: 16.00 Prof: 0.0 Km  
 ± 0.45 km ± 0.29 km ± 0.3 km  
 RMS: 0.08s GAP: 309.1° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	57	34.63	5.65	343.9	0.023
MMN	S	57	35.42	5.65	343.9	-0.117
MMN9	P	57	34.77	6.57	32.6	-0.043
MMN9	S	57	35.95	6.57	32.6	0.054

**143** 130611 0258 09.0 - Alto Tirreno Cosentino  
 Lat: 39.83 Lon: 16.00 Prof: .3 Km  
 ± 0.30 km ± 0.20 km ± 0.2 km  
 RMS: 0.05s GAP: 311.0° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	58	10.48	6.03	345.3	0.042
MMN	S	58	11.39	6.03	345.3	-0.048
MMN9	P	58	10.60	6.93	31.1	-0.042
MMN9	S	58	11.84	6.93	31.1	0.049

**144** 130611 0809 20.7 - Seamounts Sisifo-Eolo  
 Lat: 38.70 Lon: 14.13 Prof: 23.5 Km  
 ± 1.87 km ± 3.62 km ± 3.8 km  
 RMS: 0.49s GAP: 267.7° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	09	46.25	182.19	60.6	-0.260
LADO	P	09	58.96	254.81	75.8	0.000

**145** 130611 1538 00.4 - Maratea - Rotonda  
 Lat: 39.96 Lon: 16.02 Prof: 10.9 Km  
 ± 1.88 km ± 2.16 km ± 4.4 km  
 RMS: 0.77s GAP: 100.2° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	38	3.42	8.66	201.1	0.232
MMN	S	38	4.58	8.66	201.1	-0.622
MMN9	P	38	3.64	8.23	166.0	0.466
MMN9	S	38	4.87	8.23	166.0	-0.306
CET2	P	38	9.67	48.69	187.5	0.002
CET2	S	38	16.02	48.69	187.5	-0.402

**146** 130611 1819 22.8 - Catena del Pollino  
 Lat: 39.99 Lon: 16.20 Prof: 4.9 Km  
 ± 0.76 km ± 1.05 km ± 2.2 km  
 RMS: 0.49s GAP: 113.7° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	19	27.35	17.61	230.3	0.402
MMN9	S	19	30.49	17.61	230.3	0.519

**147** 130611 1902 28.2 - Maratea - Rotonda  
 Lat: 39.95 Lon: 16.02 Prof: 2.8 Km  
 ± 0.74 km ± 0.54 km ± 0.6 km  
 RMS: 0.13s GAP: 309.0° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	02	29.99	6.91	161.1	-0.044
MMN9	S	02	31.40	6.91	161.1	0.076
MMN	P	02	30.07	7.22	203.4	-0.012
MMN	S	02	31.11	7.22	203.4	-0.292

**148** 130611 2339 19.5 - Alto Tirreno Cosentino  
 Lat: 39.89 Lon: 15.99 Prof: 2.2 Km  
 ± 0.36 km ± 0.12 km ± 0.2 km  
 RMS: 0.04s GAP: 150.5° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	39	20.30	.75	264.9	0.005
MMN	S	39	20.76	.75	264.9	-0.050
MMN9	P	39	20.74	4.36	89.6	-0.052
MMN9	S	39	21.74	4.36	89.6	0.064

**149** 130611 2353 14.2 - Amantea - M.Reventino  
 Lat: 39.09 Lon: 16.38 Prof: 19.1 Km  
 ± 0.69 km ± 0.86 km ± 2.5 km  
 RMS: 0.43s GAP: 94.6° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	53	19.43	19.49	225.4	0.208
SMIN	S	53	22.73	19.49	225.4	-0.161
CUP2	P	53	21.64	34.75	23.2	0.150
CUP2	S	53	26.80	34.75	23.2	-0.022
LADO	P	53	24.09	55.12	67.5	-0.538
LADO	S	53	32.00	55.12	67.5	-0.260
CET2	P	53	25.72	60.90	322.1	-0.080
CET2	S	53	33.60	60.90	322.1	-0.678

**150** 130612 0003 47.4 - Alto Tirreno Cosentino  
 Lat: 39.87 Lon: 16.03 Prof: 2.7 Km  
 ± 1.38 km ± 0.40 km ± 0.7 km  
 RMS: 0.15s GAP: 254.7° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	03	48.40	2.50	36.8	-0.075
MMN9	S	03	49.33	2.50	36.8	0.122
MMN	P	03	48.70	4.08	297.9	0.018
MMN	S	03	49.28	4.08	297.9	-0.285

**151** 130612 0051 08.0 - Maratea - Rotonda  
 Lat: 39.90 Lon: 16.01 Prof: 2.7 Km  
 ± 0.70 km ± 0.20 km ± 0.3 km  
 RMS: 0.08s GAP: 226.2° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	51	8.99	2.75	229.8	-0.010
MMN	S	51	9.63	2.75	229.8	-0.105
MMN9	P	51	9.10	3.44	119.2	-0.025
MMN9	S	51	10.03	3.44	119.2	0.078

**152** 130612 0215 42.4 - Alto Tirreno Cosentino  
 Lat: 39.88 Lon: 15.94 Prof: 0.0 Km  
 ± 0.94 km ± 0.59 km ± 0.5 km  
 RMS: 0.12s GAP: 336.1° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	15	43.34	3.75	80.8	0.000
MMN	S	15	43.75	3.75	80.8	-0.217
MMN9	P	15	44.42	8.84	85.5	-0.041
MMN9	S	15	46.15	8.84	85.5	0.239

**153** 130612 0220 29.5 - Maratea - Rotonda  
 Lat: 39.91 Lon: 16.01 Prof: 4.3 Km  
 ± 0.79 km ± 0.28 km ± 0.4 km  
 RMS: 0.08s GAP: 253.7° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	20	30.89	3.51	220.0	-0.011
MMN	S	20	31.71	3.51	220.0	-0.148
MMN9	P	20	30.92	3.85	132.2	-0.051
MMN9	S	20	32.05	3.85	132.2	0.069

**154** 130612 0308 15.2 - Alto Tirreno Cosentino  
 Lat: 39.85 Lon: 16.01 Prof: 1.1 Km  
 ± 0.62 km ± 0.29 km ± 0.5 km  
 RMS: 0.10s GAP: 286.6° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	08	16.25	4.17	330.8	0.001
MMN	S	08	16.79	4.17	330.8	-0.211
MMN9	P	08	16.34	4.84	39.3	-0.058
MMN9	S	08	17.34	4.84	39.3	0.079

**155** 130612 0824 43.0 - Maratea - Rotonda  
 Lat: 39.94 Lon: 16.05 Prof: 2.3 Km  
 ± 0.60 km ± 0.77 km ± 2.2 km  
 RMS: 0.48s GAP: 102.0° NR: 23

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	24	44.77	5.89	179.9	0.263
MMN9	S	24	46.32	5.89	179.9	0.712
MMN	P	24	44.88	7.87	220.4	-0.006

MMN	S	24	46.04	7.87	220.4	-0.227	STN	PHASE	MN	SEC	DIST	AZM	RES							
CET2	P	24	51.54	46.92	190.2	-0.416	CNDF	P	40	2.59	59.77	136.0	-0.027							
CET2	S	24	58.00	46.92	190.2	-0.511	CET2	P	40	8.24	136.12	21.8	0.042							
<b>156</b>	130612 0931 45.1 - Catena del Pollino																			
	Lat:	39.84	Lon:	16.22	Prof:	7.5 Km	<b>164</b>	130613 1656 25.9 - Maratea - Rotonda												
	±	0.67 km	±	0.54 km	±	1.3 km		Lat:	39.91	Lon:	16.02	Prof:	0.0 Km							
RMS:	0.29s	GAP:	142.4°	NR:	14			±	1.49 km	±	0.41 km	±	0.9 km							
							RMS:	0.19s	GAP:	246.5°	NR:	6								
							STN	PHASE	MN	SEC	DIST	AZM	RES							
STN	PHASE	MN	SEC	DIST	AZM	RES	MMN9	P	56	26.58	3.12	135.2	-0.115							
MMN	P	31	49.61	21.02	283.4	-0.014	MMN9	S	56	27.34	3.12	135.2	0.110							
MMN	S	31	53.37	21.02	283.4	0.483	MMN	P	56	27.02	3.71	231.4	0.210							
CET2	P	31	53.36	42.50	213.8	-0.079	MMN	S	56	27.26	3.71	231.4	-0.172							
CET2	S	31	59.13	42.50	213.8	-0.366														
<b>157</b>	130612 1122 00.9 - Alto Tirreno Cosentino																			
	Lat:	39.83	Lon:	16.00	Prof:	2.7 Km	<b>165</b>	130613 1849 34.8 - Maratea - Rotonda												
	±	0.74 km	±	0.57 km	±	0.6 km		Lat:	39.92	Lon:	16.01	Prof:	2.7 Km							
RMS:	0.13s	GAP:	313.5°	NR:	8			±	0.49 km	±	0.23 km	±	0.3 km							
							RMS:	0.07s	GAP:	282.9°	NR:	8								
							STN	PHASE	MN	SEC	DIST	AZM	RES							
STN	PHASE	MN	SEC	DIST	AZM	RES	MMN9	P	49	36.18	4.82	146.5	-0.066							
MMN	P	22	2.55	6.15	348.9	0.012	MMN9	S	49	37.32	4.82	146.5	0.081							
MMN	S	22	3.44	6.15	348.9	-0.256	MMN	P	49	36.18	4.79	210.7	-0.040							
MMN9	P	22	2.69	7.29	32.6	-0.086	MMN	S	49	37.18	4.79	210.7	-0.013							
MMN9	S	22	4.22	7.29	32.6	0.112														
<b>158</b>	130612 1303 04.2 - Alto Tirreno Cosentino																			
	Lat:	39.86	Lon:	16.01	Prof:	3.9 Km	<b>166</b>	130613 1909 37.2 - Canyon di Stromboli												
	±	3.99 km	±	1.75 km	±	2.6 km		Lat:	38.41	Lon:	15.21	Prof:	116.3 Km							
RMS:	0.45s	GAP:	282.6°	NR:	8			±	5.55 km	±	4.17 km	±	5.6 km							
							RMS:	0.70s	GAP:	172.8°	NR:	18								
							STN	PHASE	MN	SEC	DIST	AZM	RES							
STN	PHASE	MN	SEC	DIST	AZM	RES	CNDF	P	09	56.30	72.44	130.0	0.085							
MMN9	P	03	5.46	4.62	40.6	-0.210	CNDF	S	10	10.16	72.44	130.0	0.091							
MMN9	S	03	6.93	4.62	40.6	0.207														
MMN	P	03	6.30	4.01	328.4	0.741	<b>167</b>	130613 1943 50.8 - Bacino di S.Arcangelo												
MMN	S	03	6.33	4.01	328.4	-0.196		Lat:	40.08	Lon:	16.22	Prof:	22.9 Km							
<b>159</b>	130612 1308 45.0 - Maratea - Rotonda																			
	Lat:	39.94	Lon:	16.02	Prof:	5.2 Km		±	3.06 km	±	2.79 km	±	4.2 km							
	±	0.46 km	±	0.62 km	±	1.0 km		RMS:	0.72s	GAP:	148.7°	NR:	11							
RMS:	0.18s	GAP:	182.7°	NR:	16															
							STN	PHASE	MN	SEC	DIST	AZM	RES							
STN	PHASE	MN	SEC	DIST	AZM	RES	MMN	P	43	57.56	29.79	222.6	-0.118							
MMN9	P	08	46.71	5.91	156.6	-0.103														
MMN9	S	08	48.28	5.91	156.6	0.187	<b>168</b>	130613 2003 53.9 - Vallo di Diano												
MMN	P	08	46.81	6.18	206.5	-0.013		Lat:	40.15	Lon:	16.01	Prof:	24.3 Km							
MMN	S	08	48.01	6.18	206.5	-0.099		±	6.69 km	±	5.27 km	±	4.9 km							
CET2	P	08	53.47	46.10	187.4	-0.301		RMS:	0.84s	GAP:	144.7°	NR:	8							
<b>160</b>	130612 1314 00.2 - Maratea - Rotonda																			
	Lat:	39.90	Lon:	15.97	Prof:	1.9 Km														
	±	0.34 km	±	0.58 km	±	0.1 km														
RMS:	0.03s	GAP:	343.1°	NR:	6															
							STN	PHASE	MN	SEC	DIST	AZM	RES							
STN	PHASE	MN	SEC	DIST	AZM	RES	LADO	P	04	15.15	127.44	139.2	-0.528							
MMN	P	14	1.01	2.32	140.9	-0.027														
MMN	S	14	1.63	2.32	140.9	0.004	<b>169</b>	130613 2049 14.3 - Maratea - Rotonda												
<b>161</b>	130613 0336 11.0 - Valle del Crati																			
	Lat:	39.37	Lon:	16.28	Prof:	11.2 Km		Lat:	39.93	Lon:	16.00	Prof:	5.2 Km							
	±	1.58 km	±	1.02 km	±	2.8 km		±	0.33 km	±	0.18 km	±	0.2 km							
RMS:	0.48s	GAP:	141.6°	NR:	9			RMS:	0.04s	GAP:	291.5°	NR:	8							
							STN	PHASE	MN	SEC	DIST	AZM	RES							
STN	PHASE	MN	SEC	DIST	AZM	RES	MMN	P	49	15.87	4.54	193.8	-0.023							
CET2	P	36	17.76	33.27	300.2	0.082	MMN	S	49	17.05	4.54	193.8	0.027							
CET2	S	36	22.50	33.27	300.2	-0.020	MMN9	P	49	16.06	5.89	137.0	-0.030							
<b>162</b>	130613 1216 23.5 - Offshore Locride																			
	Lat:	37.95	Lon:	16.24	Prof:	39.3 Km		MMN9	S	49	17.41	5.89	137.0	0.036						
	±	1.97 km	±	1.64 km	±	2.9 km														
RMS:	0.37s	GAP:	254.3°	NR:	20															
							STN	PHASE	MN	SEC	DIST	AZM	RES							
STN	PHASE	MN	SEC	DIST	AZM	RES	MMN9	P	53	14.48	.89	64.7	-0.025							
CNDF	P	16	32.56	34.94	279.8	0.243	MMN9	S	53	15.13	.89	64.7	0.029							
<b>163</b>	130613 1539 43.5 - Bacino di Gioia																			
	Lat:	38.38	Lon:	15.37	Prof:	123.6 Km		MMN	P	53	14.93	4.31	273.7	0.021						
	±	3.17 km	±	3.06 km	±	5.9 km		MMN	S	53	15.74	4.31	273.7	-0.057						
RMS:	0.74s	GAP:	127.9°	NR:	20															
							<b>170</b>	130613 2053 13.6 - Alto Tirreno Cosentino												
	Lat:	39.88	Lon:	16.04	Prof:	2.5 Km		Lat:	39.90	Lon:	16.03	Prof:	0.0 Km							
	±	0.43 km	±	0.08 km	±	0.1 km		±	0.43 km	±	0.32 km	±	0.2 km							
RMS:	0.03s	GAP:	203.2°	NR:	8			RMS:	0.05s	GAP:	340.2°	NR:	6							

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	36	44.66	3.99	239.4	0.018
MMN	S	36	45.23	3.99	239.4	-0.077

**172** 130614 0052 03.2 - Alto Tirreno Cosentino  
 Lat: 39.89 Lon: 16.03 Prof: 2.7 Km  
 ± 0.52 km ± 0.10 km ± 0.2 km  
 RMS: 0.04s GAP: 185.4° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	52	4.05	1.02	103.2	-0.034
MMN9	S	52	4.77	1.02	103.2	0.055
MMN	P	52	4.42	4.12	265.4	-0.016
MMN	S	52	5.27	4.12	265.4	-0.054

**173** 130614 0104 59.8 - Alto Tirreno Cosentino  
 Lat: 39.91 Lon: 16.02 Prof: 2.7 Km  
 ± 0.36 km ± 0.11 km ± 0.2 km  
 RMS: 0.03s GAP: 271.9° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	05	.89	3.21	141.9	-0.031
MMN9	S	05	1.76	3.21	141.9	0.037
MMN	P	05	1.06	4.08	230.0	0.028
MMN	S	05	1.90	4.08	230.0	-0.015

**174** 130614 0146 15.6 - Piana bat. ionica  
 Lat: 37.48 Lon: 15.94 Prof: 33.4 Km  
 ± 1.79 km ± 2.86 km ± 4.6 km  
 RMS: 0.59s GAP: 214.5° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	46	27.09	57.73	352.8	0.210
CNDF	S	46	34.34	57.73	352.8	-0.794

**175** 130614 0150 25.6 - Alto Tirreno Cosentino  
 Lat: 39.87 Lon: 16.04 Prof: 2.5 Km  
 ± 1.06 km ± 0.31 km ± 0.5 km  
 RMS: 0.10s GAP: 263.7° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	50	26.46	1.69	19.0	-0.033
MMN9	S	50	27.18	1.69	19.0	0.048
MMN	P	50	26.94	4.79	288.2	0.014
MMN	S	50	27.65	4.79	288.2	-0.231

**176** 130614 0326 41.8 - Maratea - Rotonda  
 Lat: 40.02 Lon: 15.90 Prof: 0.0 Km  
 ± 0.67 km ± 0.84 km ± 3.4 km  
 RMS: 0.76s GAP: 55.6° NR: 51

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	26	45.36	16.58	154.8	-0.211
MMN	S	26	48.00	16.58	154.8	-0.272
MMN9	P	26	45.91	19.23	140.8	-0.252
MMN9	S	26	48.87	19.23	140.8	-0.426
LADO	P	27	4.57	123.46	131.7	0.491

**177** 130614 0427 07.2 - Maratea - Rotonda  
 Lat: 40.02 Lon: 15.92 Prof: .4 Km  
 ± 0.37 km ± 0.48 km ± 1.2 km  
 RMS: 0.27s GAP: 108.9° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	27	10.53	15.56	157.9	-0.162
MMN	S	27	13.02	15.56	157.9	-0.213
MMN9	P	27	11.14	18.04	142.6	-0.103
MMN9	S	27	14.37	18.04	142.6	0.184

**178** 130614 0949 04.1 - Alto Tirreno Cosentino  
 Lat: 39.83 Lon: 16.00 Prof: 5.3 Km  
 ± 0.47 km ± 0.35 km ± 0.4 km  
 RMS: 0.06s GAP: 312.2° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	49	5.90	6.05	346.0	-0.004
MMN	S	49	7.10	6.05	346.0	-0.085
MMN9	P	49	6.01	6.99	31.3	-0.050
MMN9	S	49	7.52	6.99	31.3	0.064

**179** 130614 1230 36.1 - Alto Tirreno Cosentino  
 Lat: 39.83 Lon: 16.04 Prof: 0.0 Km  
 ± 2.50 km ± 1.97 km ± 2.2 km  
 RMS: 0.49s GAP: 317.9° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	30	37.87	6.66	4.4	0.188
MMN9	S	30	38.51	6.66	4.4	-0.268
MMN	P	30	38.34	8.00	324.9	0.367
MMN	S	30	39.24	8.00	324.9	-0.044

**180** 130614 1359 58.7 - Alto Tirreno Cosentino  
 Lat: 39.85 Lon: 16.01 Prof: 1.7 Km  
 ± 0.08 km ± 0.04 km ± 0.0 km  
 RMS: 0.01s GAP: 300.3° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	59	59.98	4.99	332.2	0.000
MMN	S	00	.63	4.99	332.2	0.266
MMN9	P	00	.05	5.30	31.6	-0.007
MMN9	S	00	1.04	5.30	31.6	0.009

**181** 130614 1402 02.3 - Alto Tirreno Cosentino  
 Lat: 39.86 Lon: 16.01 Prof: 3.5 Km  
 ± 0.23 km ± 0.09 km ± 0.1 km  
 RMS: 0.03s GAP: 275.3° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	02	3.62	3.87	322.1	-0.004
MMN	S	02	4.50	3.87	322.1	-0.048
MMN9	P	02	3.68	4.17	40.8	-0.015
MMN9	S	02	4.69	4.17	40.8	0.021

**182** 130614 1402 17.9 - Alto Tirreno Cosentino  
 Lat: 39.86 Lon: 16.01 Prof: 2.8 Km  
 ± 0.38 km ± 0.15 km ± 0.2 km  
 RMS: 0.05s GAP: 275.5° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	02	19.14	3.90	321.8	0.001
MMN	S	02	19.91	3.90	321.8	-0.101
MMN9	P	02	19.17	4.15	40.5	-0.034
MMN9	S	02	20.17	4.15	40.5	0.045

**183** 130614 1454 56.0 - Alto Tirreno Cosentino  
 Lat: 39.86 Lon: 16.01 Prof: 2.4 Km  
 ± 0.42 km ± 0.14 km ± 0.2 km  
 RMS: 0.05s GAP: 272.3° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	54	57.13	3.19	322.5	0.038
MMN	S	54	57.79	3.19	322.5	-0.046
MMN9	P	54	57.23	4.12	50.2	-0.035
MMN9	S	54	58.18	4.12	50.2	0.041

**184** 130614 1603 00.6 - Maratea - Rotonda  
 Lat: 39.92 Lon: 16.04 Prof: .3 Km  
 ± 0.36 km ± 0.20 km ± 0.3 km  
 RMS: 0.06s GAP: 288.2° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	03	1.43	3.41	172.5	-0.008
MMN9	S	03	2.03	3.41	172.5	-0.002
MMN	P	03	2.01	5.82	233.3	0.068
MMN	S	03	2.89	5.82	233.3	-0.019

**185** 130614 1804 41.0 - Alto Tirreno Cosentino  
 Lat: 39.87 Lon: 16.01 Prof: 4.2 Km  
 ± 0.53 km ± 0.16 km ± 0.3 km  
 RMS: 0.04s GAP: 242.9° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	04	42.29	2.92	307.7	-0.018
MMN	S	04	43.30	2.92	307.7	0.092
MMN9	P	04	42.39	3.37	56.0	0.004
MMN9	S	04	43.34	3.37	56.0	-0.006

186 130614 1953 28.0 - Alto Tirreno Cosentino  
 Lat: 39.88 Lon: 16.00 Prof: 2.0 Km  
 ± 0.46 km ± 0.13 km ± 0.2 km  
 RMS: 0.05s GAP: 200.9° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	53	28.81	1.59	295.4	0.017
MMN	S	53	29.29	1.59	295.4	-0.042
MMN9	P	53	29.07	3.74	77.9	-0.065
MMN9	S	53	30.00	3.74	77.9	0.079

187 130614 2001 04.9 - Maratea - Rotonda  
 Lat: 39.92 Lon: 16.05 Prof: 2.3 Km  
 ± 0.81 km ± 0.45 km ± 0.5 km  
 RMS: 0.12s GAP: 300.5° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	01	6.08	3.42	188.3	0.025
MMN9	S	01	6.76	3.42	188.3	-0.073
MMN	P	01	6.52	6.60	238.1	-0.095
MMN	S	01	7.73	6.60	238.1	-0.075

188 130614 2023 54.7 - Maratea - Rotonda  
 Lat: 39.92 Lon: 16.03 Prof: 0.0 Km  
 ± 0.35 km ± 0.17 km ± 0.2 km  
 RMS: 0.05s GAP: 294.9° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	23	55.58	3.52	165.1	-0.021
MMN9	S	23	56.22	3.52	165.1	0.022
MMN	P	23	56.05	5.47	230.2	0.032
MMN	S	23	56.84	5.47	230.2	-0.081

189 130614 2042 42.4 - Alto Tirreno Cosentino  
 Lat: 39.87 Lon: 16.04 Prof: 2.7 Km  
 ± 0.33 km ± 0.09 km ± 0.1 km  
 RMS: 0.03s GAP: 271.8° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	42	43.34	1.36	7.4	-0.012
MMN9	S	42	44.05	1.36	7.4	0.043
MMN	P	42	43.86	5.09	284.2	0.004
MMN	S	42	44.87	5.09	284.2	0.000

190 130614 2100 10.0 - Alto Tirreno Cosentino  
 Lat: 39.85 Lon: 16.03 Prof: 2.3 Km  
 ± 0.49 km ± 0.65 km ± 1.6 km  
 RMS: 0.36s GAP: 103.7° NR: 23

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	00	11.59	5.86	320.9	0.020
MMN	S	00	12.39	5.86	320.9	-0.268
MMN9	P	00	11.66	4.85	16.9	0.254
MMN9	S	00	12.63	4.85	16.9	0.264
CET2	P	00	17.11	36.30	191.0	-0.097
CET2	S	00	21.67	36.30	191.0	-0.742

191 130614 2108 01.5 - Alto Tirreno Cosentino  
 Lat: 39.83 Lon: 16.01 Prof: 3.1 Km  
 ± 0.66 km ± 1.64 km ± 2.1 km  
 RMS: 0.36s GAP: 157.5° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	08	3.22	6.01	344.1	0.107
MMN	S	08	3.92	6.01	344.1	-0.347
MMN9	P	08	3.34	6.83	30.5	0.069
MMN9	S	08	4.28	6.83	30.5	-0.269
CET2	P	08	8.69	34.74	188.0	0.420
CET2	S	08	12.37	34.74	188.0	-0.832

192 130614 2136 58.6 - Bacino di Gioia  
 Lat: 38.46 Lon: 15.55 Prof: 133.9 Km  
 ± 2.05 km ± 2.85 km ± 3.8 km  
 RMS: 0.46s GAP: 98.8° NR: 25

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	37	23.41	122.60	16.6	0.742
CET2	S	37	41.20	122.60	16.6	0.921

193 130614 2212 08.1 - Alto Tirreno Cosentino  
 Lat: 39.85 Lon: 16.02 Prof: 2.7 Km  
 ± 0.26 km ± 0.11 km ± 0.2 km  
 RMS: 0.04s GAP: 283.4° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	12	9.32	4.31	324.2	-0.024
MMN	S	12	10.20	4.31	324.2	-0.054
MMN9	P	12	9.38	4.43	35.6	-0.004
MMN9	S	12	10.34	4.43	35.6	0.013

194 130614 2257 55.3 - Alto Tirreno Cosentino  
 Lat: 39.90 Lon: 16.04 Prof: 2.7 Km  
 ± 0.90 km ± 0.20 km ± 0.2 km  
 RMS: 0.06s GAP: 234.0° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	57	56.16	1.23	142.7	-0.039
MMN9	S	57	56.91	1.23	142.7	0.078
MMN	P	57	56.56	4.49	256.1	-0.034
MMN	S	57	57.52	4.49	256.1	-0.008

195 130615 0044 46.1 - Alto Tirreno Cosentino  
 Lat: 39.83 Lon: 16.05 Prof: 7.3 Km  
 ± 0.35 km ± 0.47 km ± 1.3 km  
 RMS: 0.22s GAP: 115.8° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	44	48.12	6.30	354.2	-0.077
MMN9	S	44	49.45	6.30	354.2	-0.243
MMN	P	44	48.68	8.43	317.0	0.243
MMN	S	44	49.80	8.43	317.0	-0.308
CET2	P	44	52.88	35.18	194.8	-0.102
CET2	S	44	57.40	35.18	194.8	-0.582

196 130615 0116 36.3 - Alto Tirreno Cosentino  
 Lat: 39.87 Lon: 16.01 Prof: 3.6 Km  
 ± 0.20 km ± 0.06 km ± 0.1 km  
 RMS: 0.02s GAP: 251.9° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	16	37.53	2.97	314.1	0.012
MMN	S	16	38.33	2.97	314.1	-0.034
MMN9	P	16	37.62	3.68	53.9	-0.015
MMN9	S	16	38.59	3.68	53.9	0.022

197 130615 0159 43.5 - Maratea - Rotonda  
 Lat: 39.90 Lon: 16.01 Prof: 2.7 Km  
 ± 1.41 km ± 0.32 km ± 0.5 km  
 RMS: 0.12s GAP: 229.6° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	59	44.58	2.96	231.0	0.031
MMN	S	59	45.23	2.96	231.0	-0.075
MMN9	P	59	44.67	3.31	122.1	0.042
MMN9	S	59	45.41	3.31	122.1	-0.030

198 130615 0212 06.3 - Alto Tirreno Cosentino  
 Lat: 39.85 Lon: 16.01 Prof: 1.3 Km  
 ± 0.62 km ± 0.27 km ± 0.4 km  
 RMS: 0.10s GAP: 284.0° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	12	7.34	4.20	328.3	-0.039
MMN	S	12	7.95	4.20	328.3	-0.199
MMN9	P	12	7.45	4.68	38.3	-0.039
MMN9	S	12	8.40	4.68	38.3	0.059

199 130615 0349 05.6 - Alto Tirreno Cosentino  
 Lat: 39.84 Lon: 15.96 Prof: .3 Km  
 ± 0.41 km ± 0.85 km ± 0.2 km  
 RMS: 0.04s GAP: 351.1° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	49	6.96	5.65	24.6	0.018
MMN	S	49	7.93	5.65	24.6	0.048

200 130615 0451 48.1 - Alto Tirreno Cosentino  
 Lat: 39.72 Lon: 15.86 Prof: 13.4 Km  
 ± 0.57 km ± 0.88 km ± 2.4 km  
 RMS: 0.37s GAP: 153.4° NR: 35

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	51	52.89	21.62	30.0	0.002
MMN	S	51	56.42	21.62	30.0	0.060
CET2	P	51	53.12	22.76	160.5	0.074
CET2	S	51	55.92	22.76	160.5	-0.710
MMN9	P	51	53.50	24.65	40.2	0.129
MMN9	S	51	57.52	24.65	40.2	0.325
CUP2	P	52	.42	69.69	122.6	-0.237
CUP2	S	52	10.11	69.69	122.6	0.294

201 130615 1237 12.6 - Alto Tirreno Cosentino  
 Lat: 39.85 Lon: 16.01 Prof: 0.0 Km  
 ± 0.41 km ± 0.22 km ± 0.3 km  
 RMS: 0.07s GAP: 300.0° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	37	13.81	4.89	337.0	0.053
MMN	S	37	14.48	4.89	337.0	-0.084
MMN9	P	37	13.90	5.60	34.8	-0.019
MMN9	S	37	14.87	5.60	34.8	0.023

202 130615 1346 19.8 - Alto Tirreno Cosentino  
 Lat: 39.87 Lon: 16.06 Prof: 1.9 Km  
 ± 1.18 km ± 0.47 km ± 0.6 km  
 RMS: 0.12s GAP: 313.3° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	46	20.59	1.76	325.0	-0.050
MMN9	S	46	21.26	1.76	325.0	0.064
MMN	P	46	21.35	6.26	282.4	-0.050
MMN	S	46	22.26	6.26	282.4	-0.256

203 130615 1504 06.0 - Alto Tirreno Cosentino  
 Lat: 39.88 Lon: 15.98 Prof: 11.9 Km  
 ± 1.70 km ± 2.57 km ± 3.5 km  
 RMS: 0.60s GAP: 116.0° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	04	8.68	.68	80.6	0.281
MMN	S	04	9.79	.68	80.6	-0.366
MMN9	P	04	8.79	5.78	87.9	0.130
MMN9	S	04	10.09	5.78	87.9	-0.517

204 130615 1716 29.2 - Alto Tirreno Cosentino  
 Lat: 39.87 Lon: 16.04 Prof: 2.7 Km  
 ± 0.49 km ± 0.13 km ± 0.2 km  
 RMS: 0.04s GAP: 273.8° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	16	30.13	1.83	16.1	-0.021
MMN9	S	16	30.87	1.83	16.1	0.040
MMN	P	16	30.59	4.89	289.8	0.018
MMN	S	16	31.60	4.89	289.8	0.043

205 130615 1954 15.1 - Alto Tirreno Cosentino  
 Lat: 39.90 Lon: 16.00 Prof: 5.8 Km  
 ± 0.78 km ± 0.16 km ± 0.2 km  
 RMS: 0.03s GAP: 210.9° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	54	16.55	2.08	228.3	0.010
MMN	S	54	17.55	2.08	228.3	-0.012
MMN9	P	54	16.67	3.78	109.8	-0.031
MMN9	S	54	17.89	3.78	109.8	0.035

206 130615 2001 27.3 - Alto Tirreno Cosentino  
 Lat: 39.84 Lon: 15.97 Prof: 7.3 Km  
 ± 6.51 km ± 5.24 km ± 4.1 km  
 RMS: 0.71s GAP: 317.0° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	01	29.88	5.68	13.5	0.544
MMN	S	01	30.70	5.68	13.5	-0.066
MMN9	P	01	29.98	8.54	48.8	0.255
MMN9	S	01	31.20	8.54	48.8	-0.222

207 130615 2001 46.4 - Alto Tirreno Cosentino  
 Lat: 39.85 Lon: 16.06 Prof: 7.3 Km  
 ± 0.65 km ± 0.96 km ± 1.8 km  
 RMS: 0.31s GAP: 104.4° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	01	48.27	4.01	346.7	0.025
MMN9	S	01	49.52	4.01	346.7	-0.061
MMN	P	01	48.58	7.13	302.2	0.030
MMN	S	01	49.77	7.13	302.2	-0.330
CET2	P	01	53.66	37.54	194.3	-0.014
CET2	S	01	58.26	37.54	194.3	-0.710

208 130615 2011 43.6 - Alto Tirreno Cosentino  
 Lat: 39.83 Lon: 16.04 Prof: 5.0 Km  
 ± 0.62 km ± 1.51 km ± 1.6 km  
 RMS: 0.28s GAP: 186.9° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	12	.62	6.37	5.8	-0.116
MMN9	S	12	1.84	6.37	5.8	-0.243
MMN	P	12	.93	7.67	324.5	0.029
MMN	S	12	2.14	7.67	324.5	-0.226
CET2	P	12	6.01	34.80	192.7	0.479
CET2	S	12	9.95	34.80	192.7	-0.438

209 130615 2013 31.5 - Alto Tirreno Cosentino  
 Lat: 39.89 Lon: 16.04 Prof: 2.7 Km  
 ± 0.68 km ± 0.13 km ± 0.2 km  
 RMS: 0.05s GAP: 193.0° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	13	32.36	.42	110.8	-0.019
MMN9	S	13	33.04	.42	110.8	0.048
MMN	P	13	32.84	4.71	267.0	-0.014
MMN	S	13	33.75	4.71	267.0	-0.072

210 130615 2148 39.1 - Maratea - Rotonda  
 Lat: 39.90 Lon: 15.99 Prof: 1.8 Km  
 ± 0.16 km ± 0.08 km ± 0.1 km  
 RMS: 0.02s GAP: 260.5° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	48	39.90	2.03	182.2	-0.020
MMN	S	48	40.46	2.03	182.2	-0.005
MMN9	P	48	40.51	5.39	111.0	-0.017
MMN9	S	48	41.54	5.39	111.0	0.023

211 130615 2320 04.7 - Alto Tirreno Cosentino  
 Lat: 39.88 Lon: 16.04 Prof: 4.7 Km  
 ± 0.60 km ± 0.70 km ± 1.6 km  
 RMS: 0.28s GAP: 78.6° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	20	5.88	.62	30.0	-0.060
MMN9	S	20	6.53	.62	30.0	-0.289
MMN	P	20	6.36	4.81	275.3	0.096
MMN	S	20	7.20	4.81	275.3	-0.171
CET2	P	20	12.47	40.54	191.4	-0.015
CET2	S	20	17.36	40.54	191.4	-0.789

212 130615 2338 53.8 - Alto Tirreno Cosentino  
 Lat: 39.88 Lon: 16.05 Prof: 6.6 Km  
 ± 3.33 km ± 0.77 km ± 0.9 km  
 RMS: 0.15s GAP: 276.1° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	38	55.37	1.09	359.9	-0.026
MMN9	S	38	56.55	1.09	359.9	0.038
MMN	P	38	55.63	5.20	281.0	-0.027
MMN	S	38	56.66	5.20	281.0	-0.321

213 130615 2340 56.2 - Alto Tirreno Cosentino  
 Lat: 39.86 Lon: 16.07 Prof: 2.7 Km  
 ± 0.47 km ± 0.69 km ± 0.8 km  
 RMS: 0.17s GAP: 225.7° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	40	57.31	3.33	329.3	-0.018



MMN9	S	40	58.06	3.33	329.3	-0.083
MMN	P	40	58.08	7.35	292.1	0.043
MMN	S	40	59.03	7.35	292.1	-0.334
CET2	P	41	4.34	38.74	195.0	-0.113
CET2	S	41	10.52	38.74	195.0	0.035