



**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”

PROGETTO PON01_02710 MASSIMO

AMBITO/SETTORE BENI CULTURALI

CUP B21C11000550005

UNIVERSITÀ DELLA CALABRIA – DIPARTIMENTO DI FISICA

BOLLETTINO

DELLA

SISMICITÀ DELLA CALABRIA

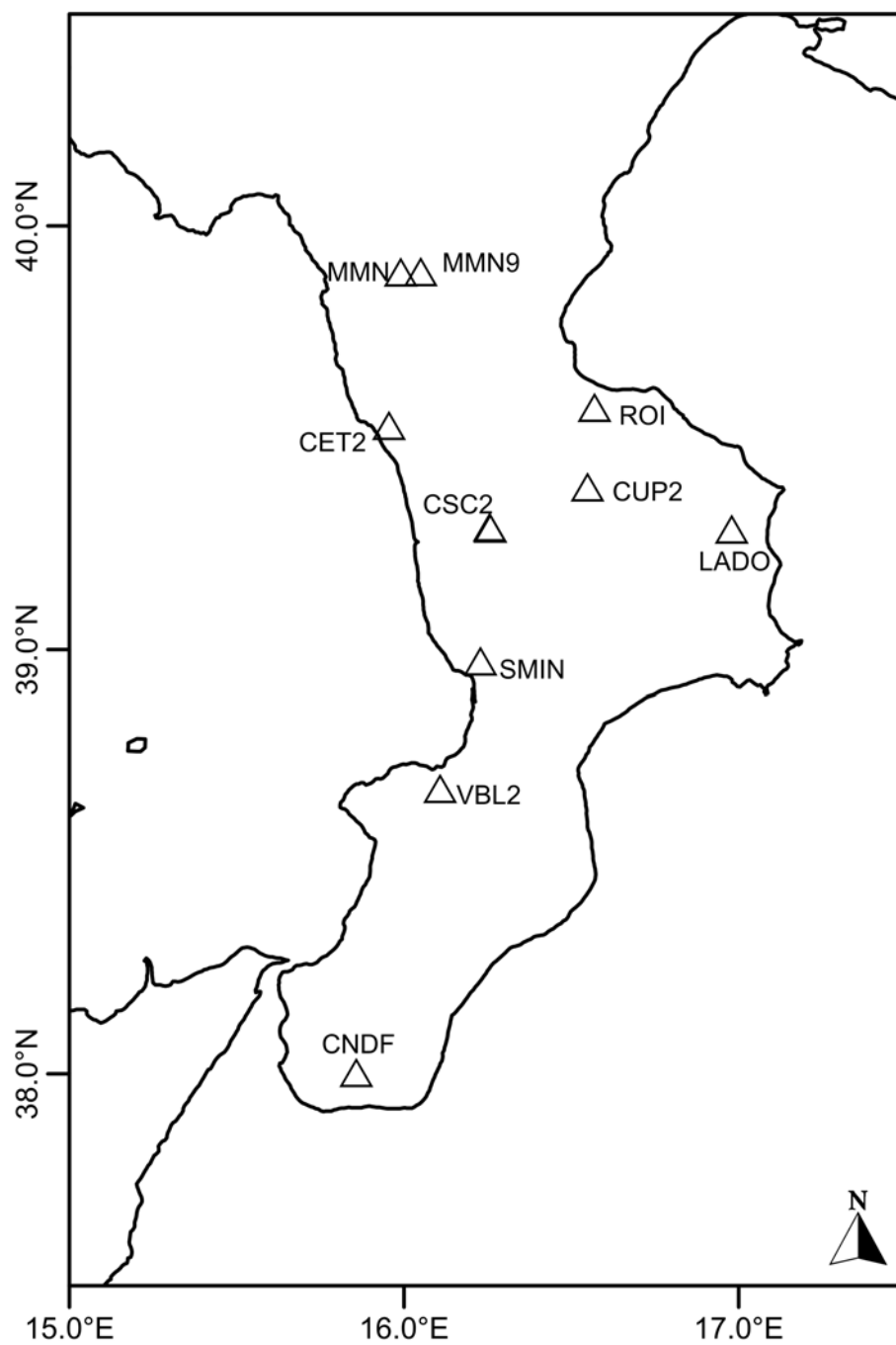
E

DELLE AREE CIRCOSTANTI

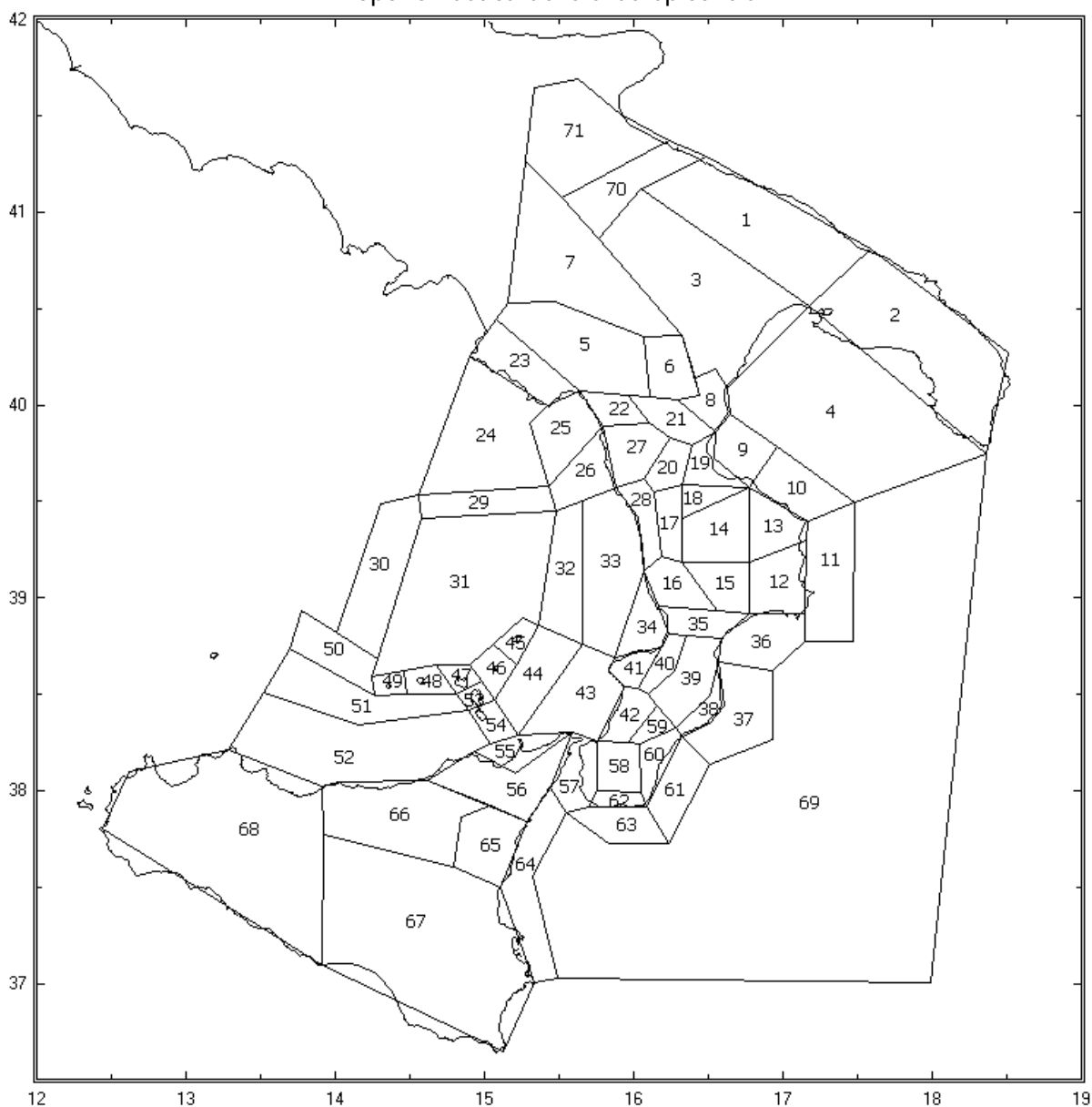
prodotto nell'ambito delle attività dell'O.R. 2.1

Periodo 16-30 Giugno 2013

Distribuzione delle stazioni della Rete Sismica UniCal – Pon MASSIMO



Toponomastica delle aree epicentrali



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

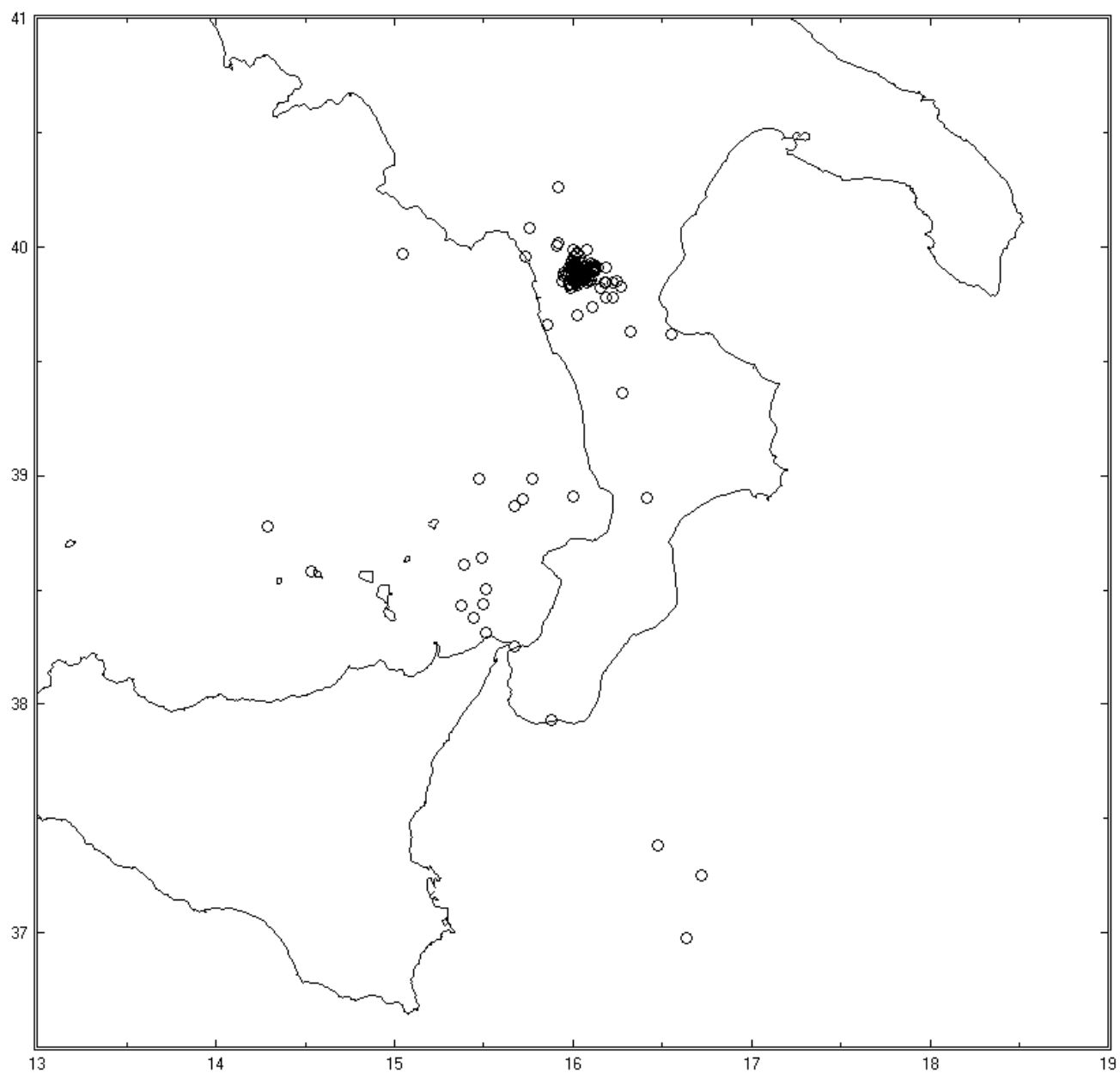
Parametri ipocentrali degli eventi localizzati nel periodo di riferimento

Data	Orario		Lat N	LON E	H ₀	m	δlat	δlon	δH ₀	nr	GAP	sqm	δT ₀
aammgg	hhmm	ss.s	°	°	km		km	km	km		°	sec	sec
130616	0114	27.1	39.8476	16.2234	4.4	1.6	0.68	0.57	2.09	24	61	0.47	0.11
130616	0143	50.7	39.8771	15.9503	1.1		0.38	0.31	0.19	6	337	0.04	0.07
130616	0359	19.4	38.7784	14.2923	24.2	2.4	1.94	3.10	5.72	38	226	0.73	0.39
130616	0508	8.7	39.8511	16.0078	0.0		0.80	0.47	0.68	8	299	0.15	0.20
130616	0547	46.2	39.8498	16.0136	2.3	1.5	0.75	0.79	1.82	23	137	0.41	0.13
130616	0659	47.5	39.8529	16.0140	0.0		0.41	0.20	0.29	6	298	0.06	0.10
130616	0707	16.1	39.8838	16.0810	2.7		1.58	0.44	0.43	8	343	0.09	0.11
130616	0712	26.7	39.9283	16.0155	0.0		1.77	2.50	0.97	6	346	0.22	0.33
130616	0712	47.8	39.9115	16.0089	2.7		1.99	0.67	1.09	8	243	0.24	0.26
130616	0728	53.5	39.8809	15.9927	1.1		0.32	0.82	0.14	6	344	0.03	0.03
130616	0728	55.6	39.8945	16.0526	0.3		1.26	2.20	2.07	8	298	0.46	0.59
130616	1045	15.8	39.8796	16.0177	3.7		0.63	0.16	0.30	8	224	0.05	0.05
130616	1351	40.8	39.8716	16.0144	5.7		0.78	0.27	0.32	7	254	0.06	0.06
130616	2010	31.4	39.8551	16.0887	2.6		0.95	1.56	1.44	10	236	0.32	0.27
130616	2012	34.2	39.8793	16.0803	5.0	1.4	0.49	0.46	1.46	20	88	0.32	0.08
130617	0023	34.1	39.9341	15.9919	7.3	1.2	0.48	0.78	1.16	16	154	0.20	0.06
130617	0040	49.4	39.8576	16.0245	1.3		0.11	0.05	0.07	6	291	0.02	0.02
130617	0301	17.6	40.0083	15.9086	0.0	1.2	0.60	0.81	1.68	16	153	0.37	0.11
130617	0551	36.3	39.8840	16.0757	1.6		0.97	0.33	0.32	8	340	0.07	0.09
130617	0735	16.2	40.0169	15.9180	0.0	1.7	0.42	0.52	1.63	23	96	0.36	0.08
130617	1100	41.1	39.9281	16.0028	4.6		0.38	0.20	0.25	8	288	0.04	0.05
130617	1443	44.1	38.9055	16.4174	24.8	1.1	1.86	3.14	5.71	16	118	0.98	0.27
130617	1844	45.1	38.4294	15.3731	114.6	2.0	3.11	2.82	3.22	16	138	0.40	0.14
130617	2021	23.5	39.8466	16.0166	0.9		0.34	0.20	0.27	8	302	0.06	0.08
130617	2119	0.8	39.8533	16.0127	0.0		0.73	0.36	0.53	6	297	0.12	0.18
130617	2203	39.3	39.8918	16.0423	2.3		1.74	0.33	0.56	8	174	0.12	0.07
130617	2249	16.9	39.9098	16.0321	1.1		1.55	0.49	0.95	8	247	0.21	0.24
130618	0032	1.0	39.8708	16.0148	1.8		0.70	0.21	0.34	6	264	0.08	0.11
130618	0450	9.0	39.8849	15.9482	0.0		0.97	0.69	0.54	6	335	0.12	0.18
130618	0647	23.7	39.7037	16.0241	34.9	1.4	1.33	0.50	3.30	12	110	0.42	0.13
130618	0809	48.3	39.9074	15.9819	2.0		0.30	0.17	0.20	8	298	0.04	0.04
130618	0821	46.0	39.9135	15.9918	1.7		0.21	0.46	0.13	6	339	0.03	0.04
130618	1326	37.3	39.8594	16.0245	5.7	1.9	0.44	0.69	1.64	21	104	0.28	0.07
130618	1520	55.0	39.8500	16.0167	1.8		0.25	0.14	0.19	8	298	0.04	0.06
130618	1549	15.4	39.8461	16.0164	3.1		0.22	0.47	0.68	10	158	0.12	0.05
130618	2013	51.4	39.9071	16.0148	2.7		0.85	0.19	0.32	6	226	0.07	0.08
130618	2031	35.2	39.8985	16.1205	8.1	0.7	1.02	0.63	1.72	10	167	0.30	0.12
130618	2059	55.7	39.8875	16.0309	2.7		0.79	0.12	0.19	6	202	0.04	0.03
130618	2143	59.0	39.8695	16.0088	1.5		0.44	0.16	0.23	6	271	0.05	0.08
130618	2313	5.1	39.8852	16.0073	1.8		1.26	0.30	0.46	6	214	0.10	0.10
130619	0016	10.3	38.9073	16.0013	33.1	2.5	0.86	1.44	6.20	84	77	0.79	0.09
130619	0238	25.7	39.8731	16.0726	3.1	1.1	1.02	0.95	2.65	18	115	0.59	0.16
130619	0324	46.9	39.6182	16.5520	33.8	1.4	1.71	1.85	4.56	24	127	0.70	0.19
130619	1117	50.0	39.9874	16.0008	0.8		0.68	0.86	0.64	8	329	0.14	0.19
130619	1302	53.0	39.8558	16.0130	0.4		0.54	0.27	0.42	8	290	0.09	0.12
130619	1314	49.7	38.6098	15.3895	178.8	1.9	2.98	6.01	4.59	19	212	0.55	0.26
130619	1334	41.2	37.2542	16.7225	42.8	2.6	1.86	1.94	4.43	43	258	0.55	0.31
130619	1908	5.1	38.5038	15.5112	124.6	2.7	1.36	2.02	2.63	27	120	0.32	0.08
130620	0410	37.1	38.5795	14.5317	5.0	2.4	1.53	1.25	3.29	30	154	0.73	0.24
130620	0524	3.6	39.3639	16.2762	10.9	1.7	0.88	0.90	2.74	18	101	0.47	0.11
130620	2019	53.7	39.8915	16.0237	5.3	2.1	0.95	1.46	4.46	39	71	0.77	0.13
130620	2316	50.4	39.9114	16.0665	7.6	0.9	0.78	1.15	2.48	17	191	0.55	0.25
130621	0054	43.5	37.3842	16.4766	30.1	2.3	1.60	2.11	4.45	46	228	0.57	0.30
130621	0130	38.0	39.8303	16.0232	5.3		0.80	0.62	0.61	8	316	0.11	0.14
130621	0250	33.6	39.8983	16.0396	2.7		0.34	0.08	0.12	8	216	0.03	0.02
130621	0356	47.8	39.8707	16.0056	2.6		0.08	0.03	0.04	6	271	0.01	0.01
130621	0406	18.0	39.7365	16.1042	9.3		6.34	9.64	3.99	8	344	0.69	0.91

Data	Orario		Lat N	LON E	H ₀	m	δlat	δlon	δH ₀	nr	GAP	sqm	δT ₀
aammgg	hhmm	ss.s	°	°	km		km	km	km		°	sec	sec
130621	0406	40.1	39.8321	15.9785	0.0		1.16	1.24	1.13	8	320	0.25	0.33
130621	0503	55.3	40.0850	15.7574	44.4	2.1	0.80	1.07	3.74	43	89	0.48	0.08
130621	0958	54.8	39.8897	16.0883	7.3		0.41	0.31	0.34	6	278	0.08	0.09
130621	1026	13.5	39.6604	15.8568	96.4	1.7	1.97	3.62	4.87	24	139	0.61	0.16
130621	1335	22.3	39.8894	15.9769	1.0	0.1	0.64	1.59	0.46	5	283	0.10	0.20
130621	1647	20.7	38.8653	15.6689	86.1	1.8	1.81	3.56	3.14	15	186	0.39	0.17
130621	1655	36.7	39.8904	16.0137	2.5	0.1	1.40	0.33	0.62	8	172	0.14	0.06
130621	1659	40.8	39.8658	16.0373	2.5	1.0	0.20	0.29	0.41	8	169	0.09	0.04
130621	1958	8.7	39.8838	16.0155	2.7		1.39	0.29	0.43	6	217	0.10	0.10
130621	2230	1.6	39.9112	16.0533	2.7		1.00	0.40	0.51	8	288	0.11	0.14
130621	2352	35.8	39.8663	16.0151	2.7		0.28	0.10	0.14	6	275	0.03	0.04
130622	0209	43.0	39.8522	15.9415	1.0		3.31	3.24	0.27	6	348	0.06	0.09
130622	0317	54.3	39.8487	16.0028	2.7		0.30	0.18	0.20	6	303	0.04	0.07
130622	0339	16.8	39.9879	16.0788	0.0	1.4	1.17	1.87	3.70	15	118	0.82	0.30
130622	0715	22.0	39.9153	15.9966	0.3		0.22	0.35	0.17	6	339	0.04	0.06
130622	0715	23.7	39.9268	16.0985	0.6		1.15	0.82	0.71	8	333	0.16	0.21
130622	0750	38.6	39.8440	16.0382	5.3		3.93	2.50	2.51	7	307	0.43	0.60
130622	0754	35.2	39.9031	16.0324	3.3		0.42	0.10	0.20	8	224	0.03	0.03
130622	0910	51.0	39.7778	16.2191	0.0		0.57	1.53	1.12	8	268	0.25	0.32
130622	1201	44.0	39.7793	16.1819	0.0		0.45	1.24	0.96	10	257	0.21	0.24
130622	2145	22.3	39.8937	16.0335	2.7		0.59	0.11	0.20	8	179	0.05	0.02
130623	0101	8.9	39.9391	15.9903	5.1		1.28	0.92	0.94	8	308	0.16	0.21
130623	0108	56.3	39.8784	16.0573	2.7		1.26	0.41	0.51	8	300	0.11	0.13
130623	0253	15.1	39.8620	16.0119	2.7		0.18	0.08	0.11	8	280	0.02	0.03
130623	0302	46.4	39.9040	16.0354	2.6		0.59	0.11	0.17	6	247	0.04	0.05
130623	0733	25.4	39.9320	16.0391	2.3	0.8	0.56	0.66	0.95	12	240	0.21	0.15
130623	1152	34.4	39.8197	15.9895	2.6		0.43	4.14	0.33	6	356	0.07	0.11
130623	1216	16.2	39.8713	16.0147	6.1		0.57	0.19	0.23	8	255	0.04	0.04
130623	1224	53.2	39.8885	16.0238	7.9	1.2	1.93	2.03	2.39	12	101	0.41	0.14
130623	1414	46.2	39.9101	15.9785	1.4		0.30	0.22	0.23	8	307	0.05	0.06
130623	1623	41.0	38.3099	15.5148	65.6	2.5	1.25	1.27	4.85	53	46	0.61	0.09
130623	1647	38.2	39.8963	16.1239	5.0	1.0	0.85	0.66	1.68	15	166	0.29	0.13
130623	1753	55.3	39.8885	16.0395	7.2	1.3	0.83	0.61	1.10	13	112	0.19	0.06
130623	1858	19.4	39.8392	15.9831	5.3		0.74	0.57	0.50	6	316	0.09	0.13
130623	2117	35.5	39.8713	16.0088	3.1		0.58	0.20	0.37	8	258	0.06	0.07
130623	2159	51.4	38.4382	15.4932	131.4	2.3	2.20	3.14	4.85	35	116	0.58	0.15
130623	2249	31.7	39.8704	16.0627	4.0		1.34	0.54	0.67	8	310	0.12	0.15
130623	2343	54.1	39.9192	16.0696	2.7		0.73	0.41	0.44	8	315	0.10	0.13
130624	0416	43.5	39.9029	16.0340	3.0		0.91	0.22	0.36	8	226	0.08	0.07
130624	0418	47.8	39.9029	16.0339	2.7		0.77	0.19	0.32	8	226	0.07	0.06
130624	1630	5.1	39.9224	16.0040	3.4	1.1	0.28	0.35	0.68	14	152	0.12	0.04
130624	1714	24.1	39.8451	16.0354	0.0		1.57	0.96	1.34	8	305	0.30	0.39
130624	1901	34.0	38.9882	15.7690	101.4	2.2	2.50	8.63	4.21	13	196	0.53	0.29
130624	2015	8.2	39.9365	15.9962	9.2		1.80	1.13	0.86	8	302	0.15	0.19
130624	2057	48.8	39.9788	16.0250	8.9	1.6	0.63	1.20	2.15	16	157	0.37	0.12
130624	2354	47.8	39.8906	16.0432	2.7		0.76	0.14	0.23	8	187	0.05	0.03
130625	0037	14.9	39.6286	16.3248	0.0	1.6	0.65	0.87	2.04	22	106	0.45	0.10
130625	0141	18.0	39.8602	16.0715	2.7		1.00	0.60	0.61	8	320	0.14	0.18
130625	0251	43.9	39.8962	16.1175	10.3	1.5	0.83	0.71	2.38	20	92	0.41	0.11
130625	0402	6.0	39.8940	16.0716	7.8	1.2	0.40	0.25	0.81	15	236	0.18	0.08
130625	1040	47.7	39.9013	16.0585	4.6	1.0	0.68	0.52	1.23	14	156	0.21	0.08
130625	1718	34.9	38.6432	15.4897	186.5	2.4	4.06	6.41	5.97	25	147	0.72	0.21
130625	1956	0.8	39.9106	16.1205	4.6	2.7	0.70	0.65	2.59	33	52	0.58	0.12
130625	2008	4.1	39.8999	16.1224	5.7	1.6	0.44	0.35	1.08	19	104	0.24	0.07
130625	2150	59.2	40.2652	15.9201	0.0	0.6	0.91	0.72	1.62	13	175	0.36	0.16
130625	2215	58.8	39.9068	16.1179	6.2	1.2	0.54	0.43	1.02	15	105	0.23	0.08
130625	2314	30.0	39.8522	16.0326	0.4		2.13	1.10	1.55	7	296	0.34	0.50
130625	2348	20.3	39.9220	16.1172	8.1	1.1	0.88	0.67	1.55	14	133	0.27	0.14
130626	0232	49.0	38.3756	15.4415	120.4	2.2	2.57	3.03	3.88	21	108	0.49	0.13

Data	Orario		Lat N	LON E	H ₀	m	δlat	δlon	δH ₀	nr	GAP	sqm	δT ₀
aammgg	hhmm	ss.s	°	°	km		km	km	km		°	sec	sec
130626	0241	41.9	39.8989	16.0763	0.0		9.97	5.14	4.19	7	340	0.93	1.35
130626	1337	54.4	39.9114	16.1380	7.6	1.6	0.66	0.53	1.62	23	98	0.36	0.11
130626	1618	59.6	39.8453	16.1733	5.2	2.2	0.59	0.56	2.09	33	77	0.46	0.09
130626	1625	51.6	39.8432	16.1871	9.9	1.4	0.55	0.46	1.29	12	139	0.22	0.08
130626	1818	36.9	39.8230	16.1554	5.4	1.5	0.40	0.57	0.37	10	257	0.08	0.09
130626	2112	29.3	39.8626	16.0102	3.3	0.9	0.53	0.23	0.37	8	279	0.06	0.08
130626	2259	34.9	39.9401	16.0476	0.0		0.65	0.44	0.50	6	307	0.11	0.17
130626	2333	6.8	39.8767	15.9693	1.8		0.36	0.48	0.21	6	330	0.05	0.07
130626	2348	43.2	39.8343	16.0246	0.5		0.30	0.22	0.26	8	313	0.06	0.08
130627	0124	31.4	39.8834	16.0052	2.7		0.90	0.12	0.18	6	209	0.04	0.04
130627	0258	57.9	39.9582	16.0397	0.0		0.38	0.57	0.10	4	353	0.02	0.04
130627	0327	23.4	39.8532	16.0935	5.3	0.7	1.49	0.83	0.60	6	333	0.13	0.20
130627	0405	52.9	38.8961	15.7167	173.3	2.3	2.79	5.79	2.75	13	163	0.33	0.15
130627	0622	17.8	38.9856	15.4700	227.7	2.3	4.67	6.39	3.81	14	173	0.44	0.28
130627	1321	36.2	39.8786	15.9642	0.0		0.32	0.31	0.29	8	317	0.06	0.08
130627	1345	21.1	39.8274	16.2690	8.0	1.6	0.81	0.74	1.49	15	169	0.33	0.14
130627	2305	0.6	39.9563	16.0102	0.1		1.64	1.37	1.49	8	314	0.33	0.44
130628	0312	51.6	39.8905	16.0658	0.0		3.44	1.02	0.99	8	348	0.22	0.28
130628	0446	26.7	39.8858	16.0461	2.6		1.31	0.28	0.43	8	242	0.10	0.08
130628	0700	8.9	39.8584	16.0978	5.4	1.5	0.53	0.51	1.36	16	131	0.30	0.09
130628	0742	3.6	37.9333	15.8785	13.5	1.9	1.97	1.09	3.19	22	234	0.55	0.32
130628	0851	12.0	39.8717	16.0206	4.1	2.2	0.71	0.84	3.06	36	104	0.53	0.09
130628	0859	22.9	39.8712	16.0261	5.5	1.8	0.64	0.87	1.84	15	116	0.32	0.09
130628	1042	53.6	39.8809	16.0184	2.7		3.06	0.74	1.33	8	219	0.29	0.25
130628	1210	16.4	39.8467	16.0128	2.7		0.41	0.25	0.30	8	302	0.07	0.09
130628	1211	36.7	39.9702	16.0244	0.5		1.42	3.50	0.54	6	354	0.12	0.18
130628	1250	48.5	39.8662	16.0863	4.1	0.6	0.75	0.58	1.67	17	104	0.37	0.11
130628	1512	9.4	39.8619	16.0073	1.9		0.50	0.23	0.34	8	282	0.07	0.10
130628	1612	24.4	39.9103	16.1864	8.2	1.0	0.92	0.58	1.98	14	97	0.34	0.11
130628	1613	12.4	39.8849	16.0173	2.3		0.54	0.12	0.24	8	200	0.05	0.03
130628	1711	47.0	39.8500	16.2442	11.1	2.0	1.23	1.17	4.03	24	84	0.70	0.19
130628	1714	47.5	39.8738	16.0573	2.7		0.64	0.61	0.78	9	209	0.17	0.11
130628	2046	6.2	39.8931	16.0535	6.6		5.85	1.16	1.29	8	325	0.22	0.15
130628	2337	50.7	39.8401	15.9806	0.0		0.65	5.93	0.88	8	178	0.20	0.09
130629	0049	27.1	39.8674	16.0096	3.6		0.71	0.27	0.44	8	268	0.08	0.09
130629	0258	32.6	39.8390	16.0185	0.0		0.48	0.30	0.36	6	311	0.08	0.12
130629	0515	18.4	39.9140	16.1251	7.7	1.5	0.36	0.32	1.02	24	87	0.23	0.06
130629	0516	54.0	39.9697	15.0428	230.3	3.2	2.68	6.44	5.32	29	183	0.64	0.29
130629	1120	19.0	39.8945	16.1118	5.9	1.4	0.66	0.50	1.46	19	128	0.32	0.10
130629	1239	16.4	39.8622	16.0126	2.4		0.57	0.24	0.36	8	279	0.08	0.10
130629	2021	58.1	39.8451	16.0785	0.9		0.35	0.29	0.27	8	326	0.06	0.08
130629	2031	53.7	39.8827	16.0245	4.2		0.37	0.09	0.15	8	213	0.03	0.02
130629	2032	57.5	39.8932	16.0237	2.7		1.05	0.22	0.41	8	171	0.09	0.04
130629	2355	9.7	36.9760	16.6352	31.9	3.3	1.89	2.12	5.07	84	256	0.65	0.33
130630	1922	55.6	38.2534	15.6740	15.0	2.4	1.04	0.82	3.94	47	74	0.68	0.11

Epicentri localizzati nel periodo di riferimento



BOLLETTINO

1	130616 0114 27.1 - Catena del Pollino	STN	PHASE	MN	SEC	DIST	AZM	RES
	Lat: 39.84 Lon: 16.22 Prof: 4.4 Km	MMN9	P	12	27.55	4.67	207.3	-0.161
	± 0.68 km ± 0.57 km ± 2.1 km	MMN	S	12	28.42	4.67	207.3	-0.066
	RMS: 0.47s GAP: 61.9° NR: 24							
		STN	PHASE	MN	SEC	DIST	AZM	RES
		MMN9	P	14	31.01	15.59	288.4	0.218
		MMN9	S	14	33.43	15.59	288.4	-0.049
		MMN	P	14	31.73	20.48	283.6	-0.057
		MMN	S	14	35.08	20.48	283.6	-0.122
		CET2	P	14	35.38	42.25	213.2	-0.367
2	130616 0143 50.7 - Alto Tirreno Cosentino	STN	PHASE	MN	SEC	DIST	AZM	RES
	Lat: 39.87 Lon: 15.95 Prof: 1.1 Km	MMN	P	43	51.70	3.77	66.3	0.006
	± 0.38 km ± 0.31 km ± 0.2 km	MMN	S	43	52.38	3.77	66.3	-0.007
	RMS: 0.04s GAP: 337.4° NR: 6							
3	130616 0359 19.4 - Vulcano Marsili	STN	PHASE	MN	SEC	DIST	AZM	RES
	Lat: 38.77 Lon: 14.29 Prof: 24.2 Km	CNDF	P	59	43.95	161.56	122.9	0.296
	± 1.94 km ± 3.10 km ± 5.7 km	SMIN	P	59	44.30	169.38	83.3	-0.816
	RMS: 0.73s GAP: 226.9° NR: 38							
4	130616 0508 08.7 - Alto Tirreno Cosentino	STN	PHASE	MN	SEC	DIST	AZM	RES
	Lat: 39.85 Lon: 16.00 Prof: 0.0 Km	MMN	P	08	9.87	4.64	341.7	0.109
	± 0.80 km ± 0.47 km ± 0.7 km	MMN	S	08	10.42	4.64	341.7	-0.109
	RMS: 0.15s GAP: 299.2° NR: 8	MMN9	P	08	10.00	5.80	38.9	-0.018
		MMN9	S	08	10.99	5.80	38.9	0.012
5	130616 0547 46.1 - Alto Tirreno Cosentino	STN	PHASE	MN	SEC	DIST	AZM	RES
	Lat: 39.84 Lon: 16.01 Prof: 2.3 Km	MMN	P	47	47.63	4.96	336.8	0.136
	± 0.75 km ± 0.79 km ± 1.8 km	MMN	S	47	48.50	4.96	336.8	0.047
	RMS: 0.41s GAP: 137.9° NR: 23	MMN9	P	47	47.69	5.62	34.1	0.051
		MMN9	S	47	48.62	5.62	34.1	-0.084
6	130616 0659 47.5 - Alto Tirreno Cosentino	STN	PHASE	MN	SEC	DIST	AZM	RES
	Lat: 39.85 Lon: 16.01 Prof: 0.0 Km	MMN	P	59	48.56	4.66	334.7	-0.002
	± 0.41 km ± 0.20 km ± 0.3 km	MMN	S	59	49.29	4.66	334.7	-0.043
	RMS: 0.06s GAP: 298.0° NR: 6	MMN9	P	59	48.66	5.32	35.9	-0.054
		MMN9	S	59	49.66	5.32	35.9	0.064
7	130616 0707 16.1 - Alto Tirreno Cosentino	STN	PHASE	MN	SEC	DIST	AZM	RES
	Lat: 39.88 Lon: 16.08 Prof: 2.7 Km	MMN9	P	07	17.12	2.76	288.9	-0.046
	± 1.58 km ± 0.44 km ± 0.4 km	MMN9	S	07	18.00	2.76	288.9	0.077
	RMS: 0.09s GAP: 343.7° NR: 8	MMN	P	07	18.01	7.76	275.9	-0.023
		MMN	S	07	19.23	7.76	275.9	-0.194
8	130616 0712 26.6 - Maratea - Rotonda	STN	PHASE	MN	SEC	DIST	AZM	RES
	Lat: 39.92 Lon: 16.01 Prof: 0.0 Km	MMN9	P	12	35.49	2.91	298.6	-0.202
	± 1.77 km ± 2.50 km ± 1.0 km	MMN9	S	12	36.04	2.91	298.6	-0.746
	RMS: 0.22s GAP: 346.1° NR: 6	MMN	P	12	36.54	7.77	279.6	0.168
		MMN	S	12	37.74	7.77	279.6	-0.215
9	130616 0712 47.8 - Maratea - Rotonda	STN	PHASE	MN	SEC	DIST	AZM	RES
	Lat: 39.91 Lon: 16.00 Prof: 2.7 Km	MMN9	P	12	48.74	4.16	121.8	-0.318
	± 1.99 km ± 0.67 km ± 1.1 km	MMN9	S	12	50.36	4.16	121.8	0.390
	RMS: 0.24s GAP: 243.8° NR: 8	MMN	P	12	48.90	2.77	214.4	0.079
		MMN	S	12	49.48	2.77	214.4	-0.078
10	130616 0728 53.4 - Alto Tirreno Cosentino	STN	PHASE	MN	SEC	DIST	AZM	RES
	Lat: 39.88 Lon: 15.99 Prof: 1.1 Km	MMN	P	28	54.04	1.12	350.8	0.023
	± 0.32 km ± 0.82 km ± 0.1 km	MMN	S	28	54.36	1.12	350.8	-0.027
	RMS: 0.03s GAP: 344.3° NR: 6							
11	130616 0728 55.5 - Alto Tirreno Cosentino	STN	PHASE	MN	SEC	DIST	AZM	RES
	Lat: 39.89 Lon: 16.05 Prof: 0.3 Km	MMN9	P	28	55.10	.35	213.6	-0.643
	± 1.26 km ± 2.20 km ± 2.1 km	MMN9	S	28	56.34	.35	213.6	0.480
	RMS: 0.46s GAP: 298.0° NR: 8	MMN	P	28	56.96	5.32	265.7	0.166
		MMN	S	28	57.39	5.32	265.7	-0.291
12	130616 1045 15.7 - Alto Tirreno Cosentino	STN	PHASE	MN	SEC	DIST	AZM	RES
	Lat: 39.87 Lon: 16.01 Prof: 3.7 Km	MMN	P	45	16.85	2.63	298.5	-0.035
	± 0.63 km ± 0.16 km ± 0.3 km	MMN	S	45	17.66	2.63	298.5	-0.055
	RMS: 0.05s GAP: 224.5° NR: 8	MMN9	P	45	16.95	3.10	64.1	-0.021
		MMN9	S	45	17.89	3.10	64.1	0.030
13	130616 1351 40.8 - Alto Tirreno Cosentino	STN	PHASE	MN	SEC	DIST	AZM	RES
	Lat: 39.87 Lon: 16.01 Prof: 5.7 Km	MMN	P	51	42.28	2.95	316.6	-0.021
	± 0.78 km ± 0.27 km ± 0.3 km	MMN	S	51	43.31	2.95	316.6	-0.053
	RMS: 0.06s GAP: 254.4° NR: 7	MMN9	P	51	42.36	3.81	53.9	-0.052
		MMN9	S	51	43.62	3.81	53.9	0.066
14	130616 2010 31.4 - Alto Tirreno Cosentino	STN	PHASE	MN	SEC	DIST	AZM	RES
	Lat: 39.85 Lon: 16.08 Prof: 2.6 Km	MMN9	P	10	32.76	5.23	321.4	-0.085
	± 0.95 km ± 1.56 km ± 1.4 km	MMN9	S	10	33.32	5.23	321.4	-0.560
	RMS: 0.32s GAP: 236.4° NR: 10	MMN	P	10	33.76	9.28	295.5	0.129
		MMN	S	10	35.16	9.28	295.5	-0.077
		CET2	P	10	39.76	38.01	197.8	0.205
		CET2	S	10	44.91	38.01	197.8	-0.586
15	130616 2012 34.2 - Alto Tirreno Cosentino	STN	PHASE	MN	SEC	DIST	AZM	RES
	Lat: 39.87 Lon: 16.08 Prof: 5.0 Km	MMN9	P	12	35.49	2.91	298.6	-0.202
	± 0.49 km ± 0.46 km ± 1.5 km	MMN9	S	12	36.04	2.91	298.6	-0.746
	RMS: 0.32s GAP: 88.6° NR: 20	MMN	P	12	36.54	7.77	279.6	0.168
		MMN	S	12	37.74	7.77	279.6	-0.215

31 130618 0809 48.3 - Maratea - Rotonda
 Lat: 39.90 Lon: 15.98 Prof: 2.0 Km
 ± 0.30 km ± 0.17 km ± 0.2 km
 RMS: 0.04s GAP: 298.8° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	09	49.05	1.98	158.1	-0.063
MMN	S	09	49.71	1.98	158.1	0.028
MMN9	P	09	49.88	6.10	106.6	0.029
MMN9	S	09	50.93	6.10	106.6	-0.029

32 130618 0821 46.0 - Maratea - Rotonda
 Lat: 39.91 Lon: 15.99 Prof: 1.7 Km
 ± 0.21 km ± 0.46 km ± 0.1 km
 RMS: 0.03s GAP: 339.4° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	21	46.78	2.51	182.5	-0.025
MMN	S	21	47.42	2.51	182.5	0.028

33 130618 1326 37.3 - Alto Tirreno Cosentino
 Lat: 39.85 Lon: 16.02 Prof: 5.7 Km
 ± 0.44 km ± 0.69 km ± 1.6 km
 RMS: 0.28s GAP: 104.6° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	26	38.93	4.53	320.4	0.013
MMN	S	26	39.82	4.53	320.4	-0.271
MMN9	P	26	39.02	4.22	31.7	0.105
MMN9	S	26	40.00	4.22	31.7	-0.088
CET2	P	26	44.40	37.19	189.4	-0.072
CET2	S	26	49.29	37.19	189.4	-0.423

34 130618 1520 54.9 - Alto Tirreno Cosentino
 Lat: 39.85 Lon: 16.01 Prof: 1.8 Km
 ± 0.25 km ± 0.14 km ± 0.2 km
 RMS: 0.04s GAP: 298.2° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	20	56.27	5.05	333.9	0.003
MMN	S	20	57.12	5.05	333.9	-0.075
MMN9	P	20	56.37	5.46	31.9	0.008
MMN9	S	20	57.36	5.46	31.9	-0.005

35 130618 1549 15.3 - Alto Tirreno Cosentino
 Lat: 39.84 Lon: 16.01 Prof: 3.1 Km
 ± 0.22 km ± 0.47 km ± 0.7 km
 RMS: 0.12s GAP: 158.8° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	49	16.92	5.43	336.3	0.061
MMN	S	49	17.77	5.43	336.3	-0.172
MMN9	P	49	16.98	5.85	29.9	0.025
MMN9	S	49	18.00	5.85	29.9	-0.109
CET2	P	49	22.36	35.62	188.7	0.090
CET2	S	49	27.09	35.62	188.7	-0.223

36 130618 2013 51.3 - Maratea - Rotonda
 Lat: 39.90 Lon: 16.01 Prof: 2.7 Km
 ± 0.85 km ± 0.19 km ± 0.3 km
 RMS: 0.07s GAP: 226.7° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	13	52.35	2.74	229.1	-0.023
MMN	S	13	53.06	2.74	229.1	-0.046
MMN9	P	13	52.49	3.47	119.2	-0.014
MMN9	S	13	53.39	3.47	119.2	0.053

37 130618 2031 35.2 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.12 Prof: 8.1 Km
 ± 1.02 km ± 0.63 km ± 1.7 km
 RMS: 0.30s GAP: 167.7° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	31	37.54	6.04	263.1	0.046
MMN9	S	31	38.80	6.04	263.1	-0.338
CET2	P	31	43.63	43.44	199.2	0.012
CET2	S	31	49.50	43.44	199.2	-0.249

38 130618 2059 55.7 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.03 Prof: 2.7 Km
 ± 0.79 km ± 0.12 km ± 0.2 km
 RMS: 0.04s GAP: 202.3° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	59	56.62	1.73	74.0	-0.039
MMN9	S	59	57.39	1.73	74.0	0.064
MMN	P	59	56.87	3.46	276.3	0.020
MMN	S	59	57.66	3.46	276.3	0.006

39 130618 2143 58.9 - Alto Tirreno Cosentino
 Lat: 39.86 Lon: 16.00 Prof: 1.5 Km
 ± 0.44 km ± 0.16 km ± 0.2 km
 RMS: 0.05s GAP: 271.6° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	44	-.21	2.83	326.9	-0.012
MMN	S	44	.42	2.83	326.9	0.018
MMN9	P	44	.06	4.33	55.2	-0.033
MMN9	S	44	.95	4.33	55.2	0.039

40 130618 2313 05.1 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.00 Prof: 1.8 Km
 ± 1.26 km ± 0.30 km ± 0.5 km
 RMS: 0.10s GAP: 214.0° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	13	5.85	1.56	293.8	0.007
MMN	S	13	6.34	1.56	293.8	-0.005
MMN9	P	13	6.28	3.75	78.8	0.080
MMN9	S	13	6.88	3.75	78.8	-0.091

41 130619 0016 10.3 - G. di S. Eufemia
 Lat: 38.90 Lon: 16.00 Prof: 33.1 Km
 ± 0.86 km ± 1.44 km ± 6.2 km
 RMS: 0.79s GAP: 77.7° NR: 84

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	16	17.20	20.98	69.8	0.375
SMIN	S	16	21.84	20.98	69.8	0.263
SCOI	P	16	19.87	47.81	27.6	0.106
CET2	P	16	22.53	69.11	356.8	0.642
CET2	S	16	31.29	69.11	356.8	0.944
CNDF	P	16	26.49	101.13	187.3	-0.216
CNDF	S	16	37.79	101.13	187.3	-0.902
MMN	P	16	27.74	109.20	359.7	-0.404
MMN9	P	16	27.94	109.39	2.4	-0.257
MMN9	S	16	41.19	109.39	2.4	-0.085

42 130619 0238 25.7 - Alto Tirreno Cosentino
 Lat: 39.87 Lon: 16.07 Prof: 3.1 Km
 ± 1.02 km ± 0.95 km ± 2.7 km
 RMS: 0.59s GAP: 115.8° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	38	27.00	2.81	317.7	0.172
MMN9	S	38	27.56	2.81	317.7	-0.083
MMN	P	38	27.57	7.28	285.8	0.011
MMN	S	38	28.54	7.28	285.8	-0.369
CET2	P	38	33.60	39.54	195.0	-0.443

43 130619 0324 46.8 - Piana di Sibari
 Lat: 39.61 Lon: 16.55 Prof: 33.8 Km
 ± 1.71 km ± 1.85 km ± 4.6 km
 RMS: 0.70s GAP: 127.9° NR: 24

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	24	53.88	26.06	180.5	-0.574
CUP2	S	25	-.31	26.06	180.5	-0.315
CET2	P	24	56.89	52.28	259.0	-0.066
CET2	S	25	4.55	52.28	259.0	0.212
MMN	P	24	57.86	56.84	302.2	-0.493
LADO	P	24	57.88	52.25	134.9	0.332
LADO	S	25	6.33	52.25	134.9	0.967
SMIN	P	25	1.45	76.88	201.2	0.299

44 130619 1117 50.0 - Maratea - Rotonda
 Lat: 39.98 Lon: 16.00 Prof: .8 Km
 ± 0.68 km ± 0.86 km ± 0.6 km
 RMS: 0.14s GAP: 329.9° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	17	52.41	10.75	184.8	-0.042
MMN	S	17	54.12	10.75	184.8	-0.102
MMN9	P	17	52.64	11.42	158.4	0.036
MMN9	S	17	54.43	11.42	158.4	-0.057

45 130619 1302 53.0 - Alto Tirreno Cosentino
 Lat: 39.85 Lon: 16.01 Prof: .4 Km
 ± 0.54 km ± 0.27 km ± 0.4 km
 RMS: 0.09s GAP: 290.8° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	02	54.00	4.33	333.9	-0.022
MMN	S	02	54.58	4.33	333.9	-0.179
MMN9	P	02	54.15	5.12	38.7	-0.051
MMN9	S	02	55.14	5.12	38.7	0.071

46 130619 1314 49.6 - Canyon di Stromboli
 Lat: 38.60 Lon: 15.38 Prof: 178.8 Km
 ± 2.98 km ± 6.01 km ± 4.6 km
 RMS: 0.55s GAP: 212.0° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	15	17.75	113.13	26.0	0.563

47 130619 1334 41.1 - Piana bat. ionica
 Lat: 37.25 Lon: 16.72 Prof: 42.8 Km
 ± 1.86 km ± 1.94 km ± 4.4 km
 RMS: 0.55s GAP: 258.4° NR: 43

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	35	-.16	112.90	317.4	0.356

48 130619 1908 05.0 - Bacino di Gioia
 Lat: 38.50 Lon: 15.51 Prof: 124.6 Km
 ± 1.36 km ± 2.02 km ± 2.6 km
 RMS: 0.32s GAP: 120.8° NR: 27

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	08	25.55	81.23	50.4	-0.183
SMIN	S	08	41.05	81.23	50.4	0.212
CET2	P	08	28.91	120.09	19.0	0.747
LADO	P	08	31.84	154.02	55.8	-0.097

49 130620 0410 37.0 - Filicudi
 Lat: 38.57 Lon: 14.53 Prof: 5.0 Km
 ± 1.53 km ± 1.25 km ± 3.3 km
 RMS: 0.73s GAP: 154.6° NR: 30

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	11	2.33	162.09	50.1	0.596

50 130620 0524 03.6 - Valle del Crati
 Lat: 39.36 Lon: 16.27 Prof: 10.9 Km
 ± 0.88 km ± 0.90 km ± 2.7 km
 RMS: 0.47s GAP: 101.5° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
SCOI	P	24	6.17	8.45	191.6	-0.061
SCOI	S	24	7.97	8.45	191.6	-0.178
CSC2	P	24	6.22	8.75	190.4	-0.051
CSC2	S	24	8.11	8.75	190.4	-0.108
CET2	P	24	9.85	33.19	303.6	-0.351
CET2	S	24	14.60	33.19	303.6	-0.425

51 130620 2019 53.6 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.02 Prof: 5.3 Km
 ± 0.95 km ± 1.46 km ± 4.5 km
 RMS: 0.77s GAP: 71.7° NR: 39

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	19	54.77	2.28	89.2	-0.290
MMN9	S	19	55.45	2.28	89.2	-0.624
CET2	P	20	1.06	40.70	188.5	-0.395
SMIN	P	20	11.55	103.49	170.3	-0.496

52 130620 2316 50.4 - Alto Tirreno Cosentino
 Lat: 39.91 Lon: 16.06 Prof: 7.6 Km
 ± 0.78 km ± 1.15 km ± 2.5 km
 RMS: 0.55s GAP: 191.1° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	16	52.47	2.57	212.5	0.247
MMN9	S	16	53.20	2.57	212.5	-0.353
MMN	P	16	52.83	6.87	250.7	0.114
MMN	S	16	53.73	6.87	250.7	-0.673
CET2	P	16	58.90	43.55	192.9	0.048
CET2	S	17	4.30	43.55	192.9	-0.731

53 130621 0054 43.5 - Piana bat. ionica
 Lat: 37.38 Lon: 16.47 Prof: 30.1 Km
 ± 1.60 km ± 2.11 km ± 4.5 km
 RMS: 0.57s GAP: 228.5° NR: 46

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	55	10.90	177.68	352.9	0.240
LADO	P	55	14.24	215.41	11.5	-0.624
CET2	P	55	17.14	242.37	349.2	-0.030

54 130621 0130 37.9 - Alto Tirreno Cosentino
 Lat: 39.83 Lon: 16.02 Prof: 5.3 Km
 ± 0.80 km ± 0.62 km ± 0.6 km
 RMS: 0.11s GAP: 316.3° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	30	39.80	7.28	337.6	-0.076
MMN	S	30	41.40	7.28	337.6	0.115
MMN9	P	30	39.98	7.21	18.9	0.087
MMN9	S	30	41.21	7.21	18.9	-0.104

55 130621 0250 33.6 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.03 Prof: 2.7 Km
 ± 0.34 km ± 0.08 km ± 0.1 km
 RMS: 0.03s GAP: 216.1° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	50	34.46	1.16	128.0	-0.019
MMN9	S	50	35.17	1.16	128.0	0.053
MMN	P	50	34.84	4.27	259.0	-0.008
MMN	S	50	35.75	4.27	259.0	-0.005

56 130621 0356 47.8 - Alto Tirreno Cosentino
 Lat: 39.87 Lon: 16.00 Prof: 2.6 Km
 ± 0.08 km ± 0.03 km ± 0.0 km
 RMS: 0.01s GAP: 271.6° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	56	48.81	2.57	330.3	-0.002
MMN	S	56	49.52	2.57	330.3	0.003
MMN9	P	56	49.13	4.48	58.6	-0.004
MMN9	S	56	50.08	4.48	58.6	0.005

57 130621 0406 18.0 - Alto Tirreno Cosentino
 Lat: 39.73 Lon: 16.10 Prof: 9.3 Km
 ± 6.34 km ± 9.64 km ± 4.0 km
 RMS: 0.69s GAP: 344.4° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	06	21.88	19.70	330.5	-0.306
MMN	S	06	25.40	19.70	330.5	0.171
MMN9	P	06	22.62	17.85	345.1	0.702
MMN9	S	06	23.90	17.85	345.1	-0.862

58 130621 0406 40.1 - Alto Tirreno Cosentino
 Lat: 39.83 Lon: 15.97 Prof: 0.0 Km
 ± 1.16 km ± 1.24 km ± 1.1 km
 RMS: 0.25s GAP: 320.9° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	06	41.51	6.60	9.2	-0.069
MMN	S	06	42.44	6.60	9.2	-0.223
MMN9	P	06	42.22	9.04	42.9	0.099
MMN9	S	06	43.57	9.04	42.9	-0.032

59 130621 0503 55.3 - Vallo di Diano
 Lat: 40.08 Lon: 15.75 Prof: 44.4 Km
 ± 0.80 km ± 1.07 km ± 3.7 km
 RMS: 0.48s GAP: 89.6° NR: 43

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	04	4.47	29.35	137.5	0.074
MMN	S	04	10.62	29.35	137.5	-0.400

60 130621 0958 54.7 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.08 Prof: 7.3 Km
 ± 0.41 km ± 0.31 km ± 0.3 km
 RMS: 0.08s GAP: 278.0° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	58	56.66	3.25	274.4	0.012
MMN9	S	58	58.00	3.25	274.4	-0.020
CET2	P	59	2.99	41.67	196.1	0.056
CET2	S	59	8.84	41.67	196.1	-0.064

61 130621 1026 13.5 - Alto Tirreno Cosentino
 Lat: 39.66 Lon: 15.85 Prof: 96.4 Km
 ± 1.97 km ± 3.62 km ± 4.9 km
 RMS: 0.61s GAP: 139.9° NR: 24

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	26	27.49	16.84	150.3	0.521
CET2	S	26	36.27	16.84	150.3	-0.557
SMIN	P	26	31.17	82.76	157.4	-0.385

62 130621 1335 22.3 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 15.97 Prof: 1.0 Km
 ± 0.64 km ± 1.59 km ± 0.5 km
 RMS: 0.10s GAP: 283.8° NR: 5

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	35	22.83	1.18	82.4	0.001

63 130621 1647 20.7 - Bacino di Paola
 Lat: 38.86 Lon: 15.66 Prof: 86.1 Km
 ± 1.81 km ± 3.56 km ± 3.1 km
 RMS: 0.39s GAP: 186.5° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	47	35.30	49.95	76.3	0.181
SMIN	S	47	45.67	49.95	76.3	0.025
CET2	P	47	37.13	77.68	18.8	0.415
CET2	S	47	49.00	77.68	18.8	0.592

64 130621 1655 36.7 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.01 Prof: 2.5 Km
 ± 1.40 km ± 0.33 km ± 0.6 km
 RMS: 0.14s GAP: 172.3° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	55	37.46	1.97	271.5	-0.136
MMN	S	55	38.26	1.97	271.5	0.027
MMN9	P	55	37.70	3.13	87.2	-0.079
MMN9	S	55	38.65	3.13	87.2	0.100

65 130621 1659 40.7 - Alto Tirreno Cosentino
 Lat: 39.86 Lon: 16.03 Prof: 2.5 Km
 ± 0.20 km ± 0.29 km ± 0.4 km
 RMS: 0.09s GAP: 169.7° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	59	41.83	3.09	21.2	0.004
MMN9	S	59	42.52	3.09	21.2	-0.069
MMN	P	59	42.21	4.86	305.0	0.115
MMN	S	59	43.02	4.86	305.0	-0.040
CET2	P	59	48.21	38.08	190.9	0.038
CET2	S	59	53.47	38.08	190.9	-0.112

66 130621 1958 08.6 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.01 Prof: 2.7 Km
 ± 1.39 km ± 0.29 km ± 0.4 km
 RMS: 0.10s GAP: 217.1° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	58	9.57	2.26	290.4	-0.032

67 130621 2230 01.6 - Alto Tirreno Cosentino
 Lat: 39.91 Lon: 16.05 Prof: 2.7 Km
 ± 1.00 km ± 0.40 km ± 0.5 km
 RMS: 0.11s GAP: 288.9° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	30	2.65	2.15	186.7	0.060
MMN9	S	30	3.24	2.15	186.7	-0.048
MMN	P	30	2.96	5.81	247.3	-0.185
MMN	S	30	4.25	5.81	247.3	-0.006

68 130621 2352 35.7 - Alto Tirreno Cosentino
 Lat: 39.86 Lon: 16.01 Prof: 2.7 Km
 ± 0.28 km ± 0.10 km ± 0.1 km
 RMS: 0.03s GAP: 275.8° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	52	36.89	3.44	322.6	0.022
MMN	S	52	37.66	3.44	322.6	-0.012
MMN9	P	52	36.98	4.14	46.8	-0.028
MMN9	S	52	37.95	4.14	46.8	0.033

69 130622 0209 42.9 - Alto Tirreno Cosentino
 Lat: 39.85 Lon: 15.94 Prof: 1.0 Km
 ± 3.31 km ± 3.24 km ± 0.3 km
 RMS: 0.06s GAP: 348.2° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	09	44.31	6.00	44.5	-0.039
MMN	S	09	45.42	6.00	44.5	0.046

70 130622 0317 54.2 - Alto Tirreno Cosentino
 Lat: 39.84 Lon: 16.00 Prof: 2.7 Km
 ± 0.30 km ± 0.18 km ± 0.2 km
 RMS: 0.04s GAP: 303.9° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	17	55.60	4.79	347.5	0.008
MMN	S	17	56.57	4.79	347.5	0.004
MMN9	P	17	55.85	6.28	40.4	-0.037
MMN9	S	17	57.12	6.28	40.4	0.042

71 130622 0339 16.8 - Catena del Pollino
 Lat: 39.98 Lon: 16.07 Prof: 0.0 Km
 ± 1.17 km ± 1.87 km ± 3.7 km
 RMS: 0.82s GAP: 118.8° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	39	19.85	10.94	192.9	0.603
MMN9	S	39	21.16	10.94	192.9	0.125
MMN	P	39	19.93	13.15	215.1	0.196
MMN	S	39	21.08	13.15	215.1	-0.797

72 130622 0715 21.9 - Maratea - Rotonda
 Lat: 39.91 Lon: 15.99 Prof: .3 Km
 ± 0.22 km ± 0.35 km ± 0.2 km
 RMS: 0.04s GAP: 339.3° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	15	22.62	2.76	190.8	-0.037
MMN	S	15	23.18	2.76	190.8	0.035

73 130622 0715 23.7 - Catena del Pollino
 Lat: 39.92 Lon: 16.09 Prof: .6 Km
 ± 1.15 km ± 0.82 km ± 0.7 km
 RMS: 0.16s GAP: 333.9° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	15	25.07	5.65	226.8	0.028
MMN9	S	15	25.96	5.65	226.8	-0.040
MMN	P	15	25.97	10.05	246.7	-0.020
MMN	S	15	28.00	10.05	246.7	0.356

74 130622 0750 38.6 - Alto Tirreno Cosentino
 Lat: 39.84 Lon: 16.03 Prof: 5.3 Km
 ± 3.93 km ± 2.50 km ± 2.5 km
 RMS: 0.43s GAP: 307.6° NR: 7

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	50	40.22	6.60	322.1	-0.215
MMN	S	50	42.03	6.60	322.1	0.258
MMN9	P	50	40.80	5.42	11.2	0.498
MMN9	S	50	40.96	5.42	11.2	-0.581

75 130622 0754 35.2 - Alto Tirreno Cosentino
 Lat: 39.90 Lon: 16.03 Prof: 3.3 Km
 ± 0.42 km ± 0.10 km ± 0.2 km
 RMS: 0.03s GAP: 224.6° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	54	36.26	1.98	129.3	-0.027
MMN9	S	54	37.10	1.98	129.3	0.049
MMN	P	54	36.49	3.82	249.3	0.011
MMN	S	54	37.32	3.82	249.3	-0.063

76 130622 0910 51.0 - Valle dell'Esaro
 Lat: 39.77 Lon: 16.21 Prof: 0.0 Km
 ± 0.57 km ± 1.53 km ± 1.1 km
 RMS: 0.25s GAP: 268.2° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	10	55.27	19.21	311.3	-0.013
MMN9	S	10	58.00	19.21	311.3	-0.412
CET2	P	10	59.05	35.77	219.5	0.092
CET2	S	11	4.62	35.77	219.5	-0.157

77 130622 1201 44.0 - Alto Tirreno Cosentino
 Lat: 39.77 Lon: 16.18 Prof: 0.0 Km
 ± 0.45 km ± 1.24 km ± 1.0 km
 RMS: 0.21s GAP: 257.1° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	01	47.72	16.82	318.1	-0.059
MMN9	S	01	50.61	16.82	318.1	0.089
MMN	P	01	48.31	20.53	307.2	-0.290
MMN	S	01	51.84	20.53	307.2	-0.102
CET2	P	01	51.62	33.97	215.2	0.038
CET2	S	01	57.07	33.97	215.2	-0.039

78 130622 2145 22.3 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.03 Prof: 2.7 Km
 ± 0.59 km ± 0.11 km ± 0.2 km
 RMS: 0.05s GAP: 179.1° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	45	23.19	1.45	98.0	-0.044
MMN9	S	45	23.97	1.45	98.0	0.085
MMN	P	45	23.46	3.68	265.3	-0.020
MMN	S	45	24.29	3.68	265.3	-0.028

79 130623 0101 08.9 - Maratea - Rotonda
 Lat: 39.93 Lon: 15.99 Prof: 5.1 Km
 ± 1.28 km ± 0.92 km ± 0.9 km
 RMS: 0.16s GAP: 308.8° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	01	10.46	5.36	179.8	-0.114
MMN	S	01	11.84	5.36	179.8	0.069
MMN9	P	01	11.09	7.34	135.8	0.206
MMN9	S	01	12.07	7.34	135.8	-0.235

80 130623 0108 56.2 - Alto Tirreno Cosentino
 Lat: 39.87 Lon: 16.05 Prof: 2.7 Km
 ± 1.26 km ± 0.41 km ± 0.5 km
 RMS: 0.11s GAP: 300.9° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	08	57.17	1.60	338.4	-0.004
MMN9	S	08	57.89	1.60	338.4	0.053
MMN	P	08	57.76	5.86	283.7	-0.037
MMN	S	08	58.71	5.86	283.7	-0.205

81 130623 0253 15.1 - Alto Tirreno Cosentino
 Lat: 39.86 Lon: 16.01 Prof: 2.7 Km
 ± 0.18 km ± 0.08 km ± 0.1 km
 RMS: 0.02s GAP: 280.1° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	53	16.22	3.68	330.6	-0.025
MMN	S	53	17.07	3.68	330.6	-0.012
MMN9	P	53	16.45	4.67	44.9	0.016
MMN9	S	53	17.39	4.67	44.9	-0.016

82 130623 0302 46.4 - Alto Tirreno Cosentino
 Lat: 39.90 Lon: 16.03 Prof: 2.6 Km
 ± 0.59 km ± 0.11 km ± 0.2 km
 RMS: 0.04s GAP: 247.5° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	02	47.29	1.85	136.8	-0.035
MMN9	S	02	48.03	1.85	136.8	0.041
MMN	P	02	47.63	4.10	249.3	0.017
MMN	S	02	48.47	4.10	249.3	-0.018

83 130623 0733 25.3 - Maratea - Rotonda
 Lat: 39.93 Lon: 16.03 Prof: 2.3 Km
 ± 0.56 km ± 0.66 km ± 0.9 km
 RMS: 0.21s GAP: 240.0° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	33	26.82	6.17	222.4	-0.109
MMN	S	33	28.07	6.17	222.4	0.011

84 130623 1152 34.3 - Alto Tirreno Cosentino
 Lat: 39.81 Lon: 15.98 Prof: 2.6 Km
 ± 0.43 km ± 4.14 km ± 0.3 km
 RMS: 0.07s GAP: 356.4° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	52	36.22	7.89	.8	-0.062
MMN	S	52	37.75	7.89	.8	0.065

85 130623 1216 16.2 - Alto Tirreno Cosentino
 Lat: 39.87 Lon: 16.01 Prof: 6.1 Km
 ± 0.57 km ± 0.19 km ± 0.2 km
 RMS: 0.04s GAP: 255.3° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	16	17.76	2.99	316.7	-0.004
MMN	S	16	18.82	2.99	316.7	-0.056
MMN9	P	16	17.86	3.81	53.3	-0.010
MMN9	S	16	19.07	3.81	53.3	0.015

86 130623 1224 53.1 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.02 Prof: 7.9 Km
 ± 1.93 km ± 2.03 km ± 2.4 km
 RMS: 0.41s GAP: 101.9° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	24	54.87	2.30	80.8	-0.086
MMN9	S	24	56.20	2.30	80.8	-0.075
MMN	P	24	55.84	2.84	275.4	0.887

87 130623 1414 46.1 - Maratea - Rotonda
 Lat: 39.91 Lon: 15.97 Prof: 1.4 Km
 ± 0.30 km ± 0.22 km ± 0.2 km
 RMS: 0.05s GAP: 307.7° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	14	46.86	2.37	154.2	-0.040
MMN	S	14	47.48	2.37	154.2	0.045
MMN9	P	14	47.67	6.47	108.3	-0.034
MMN9	S	14	48.87	6.47	108.3	0.040

88 130623 1623 41.0 - Milazzo
 Lat: 38.30 Lon: 15.51 Prof: 65.6 Km
 ± 1.25 km ± 1.27 km ± 4.9 km
 RMS: 0.61s GAP: 46.3° NR: 53

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	23	57.86	96.30	40.4	-0.623
SMIN	S	24	10.29	96.30	40.4	-0.984

103 130624 2354 47.8 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.04 Prof: 2.7 Km
 ± 0.76 km ± 0.14 km ± 0.2 km
 RMS: 0.05s GAP: 187.7° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	54	48.63	.62	77.4	-0.014
MMN9	S	54	49.29	.62	77.4	0.025
MMN	P	54	49.09	4.50	270.5	0.011
MMN	S	54	49.91	4.50	270.5	-0.111

104 130625 0037 14.8 - Valle dell'Esaro
 Lat: 39.62 Lon: 16.32 Prof: 0.0 Km
 ± 0.65 km ± 0.87 km ± 2.0 km
 RMS: 0.45s GAP: 106.8° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	37	21.39	33.31	144.7	-0.215
CUP2	S	37	26.87	33.31	144.7	0.317
CET2	P	37	21.60	33.68	250.8	-0.250
MMN	P	37	22.94	40.83	315.5	0.089
MMN	S	37	28.83	40.83	315.5	0.119

105 130625 0141 18.0 - Alto Tirreno Cosentino
 Lat: 39.86 Lon: 16.07 Prof: 2.7 Km
 ± 1.00 km ± 0.60 km ± 0.6 km
 RMS: 0.14s GAP: 320.0° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	41	19.17	3.95	332.9	-0.036
MMN9	S	41	20.15	3.95	332.9	0.058
MMN	P	41	19.91	7.71	296.4	0.024
MMN	S	41	20.97	7.71	296.4	-0.298

106 130625 0251 43.8 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.11 Prof: 10.3 Km
 ± 0.83 km ± 0.71 km ± 2.4 km
 RMS: 0.41s GAP: 92.4° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	51	46.43	5.76	265.3	0.051
MMN9	S	51	47.72	5.76	265.3	-0.482
MMN	P	51	47.02	10.87	267.0	0.093
MMN	S	51	48.94	10.87	267.0	-0.210
CET2	P	51	51.32	43.12	199.0	-0.921
CET2	S	51	57.96	43.12	199.0	-0.397

107 130625 0402 05.9 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.07 Prof: 7.8 Km
 ± 0.40 km ± 0.25 km ± 0.8 km
 RMS: 0.18s GAP: 236.4° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	02	7.68	1.83	262.8	-0.037
MMN9	S	02	8.98	1.83	262.8	-0.015
MMN	P	02	8.29	6.93	267.3	0.008
MMN	S	02	9.57	6.93	267.3	-0.402
CET2	P	02	14.03	41.77	194.1	-0.052
CET2	S	02	19.80	41.77	194.1	-0.220

108 130625 1040 47.6 - Alto Tirreno Cosentino
 Lat: 39.90 Lon: 16.05 Prof: 4.6 Km
 ± 0.68 km ± 0.52 km ± 1.2 km
 RMS: 0.21s GAP: 156.5° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	40	48.88	1.25	213.5	-0.001
MMN9	S	40	49.54	1.25	213.5	-0.221
MMN	P	40	49.34	5.91	258.8	0.001
MMN	S	40	50.19	5.91	258.8	-0.363

109 130625 1718 34.9 - Canyon di Stromboli
 Lat: 38.64 Lon: 15.48 Prof: 186.5 Km
 ± 4.06 km ± 6.41 km ± 6.0 km
 RMS: 0.72s GAP: 147.1° NR: 25

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	19	3.32	106.22	22.6	0.528
CET2	S	19	23.40	106.22	22.6	0.226

110 130625 1956 00.8 - Catena del Pollino
 Lat: 39.91 Lon: 16.12 Prof: 4.6 Km
 ± 0.70 km ± 0.65 km ± 2.6 km
 RMS: 0.58s GAP: 52.2° NR: 33

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	56	3.05	6.35	250.9	0.320
MMN9	S	56	4.32	6.35	250.9	0.211
MMN	P	56	3.66	11.32	258.9	0.021
MMN	S	56	5.30	11.32	258.9	-0.384
CET2	P	56	9.26	44.72	198.7	-0.606
SMIN	P	56	20.81	104.52	175.0	0.949
SMIN	S	56	33.38	104.52	175.0	-0.405

111 130625 2008 04.1 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.12 Prof: 5.7 Km
 ± 0.44 km ± 0.35 km ± 1.1 km
 RMS: 0.24s GAP: 104.2° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	08	6.47	6.22	261.9	0.307
MMN9	S	08	7.77	6.22	261.9	0.111
MMN	P	08	7.12	11.31	265.0	0.085
MMN	S	08	8.80	11.31	265.0	-0.364
CET2	P	08	12.72	43.64	199.4	-0.102
CET2	S	08	18.60	43.64	199.4	-0.587

112 130625 2150 59.2 - Vallo di Diano
 Lat: 40.26 Lon: 15.92 Prof: 0.0 Km
 ± 0.91 km ± 0.72 km ± 1.6 km
 RMS: 0.36s GAP: 175.4° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	51	7.60	42.92	165.2	-0.008

113 130625 2215 58.8 - Catena del Pollino
 Lat: 39.90 Lon: 16.11 Prof: 6.2 Km
 ± 0.54 km ± 0.43 km ± 1.0 km
 RMS: 0.23s GAP: 105.8° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	16	1.17	6.01	254.0	0.244
MMN9	S	16	2.48	6.01	254.0	0.026
MMN	P	16	1.79	11.02	260.9	0.040
MMN	S	16	3.59	11.02	260.9	-0.294
CET2	P	16	7.41	44.24	198.6	-0.168
CET2	S	16	13.30	44.24	198.6	-0.674

114 130625 2314 30.0 - Alto Tirreno Cosentino
 Lat: 39.85 Lon: 16.03 Prof: .4 Km
 ± 2.13 km ± 1.10 km ± 1.5 km
 RMS: 0.34s GAP: 296.9° NR: 7

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	14	30.99	4.65	19.2	-0.089
MMN9	S	14	31.95	4.65	19.2	0.079
MMN	P	14	31.79	5.59	320.2	0.515

115 130625 2348 20.2 - Catena del Pollino
 Lat: 39.92 Lon: 16.11 Prof: 8.1 Km
 ± 0.88 km ± 0.67 km ± 1.5 km
 RMS: 0.27s GAP: 133.8° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	48	22.69	6.62	239.8	0.105
MMN9	S	48	24.04	6.62	239.8	-0.236
MMN	P	48	23.36	11.36	252.4	0.175
CET2	P	48	29.16	45.83	197.8	0.110
CET2	S	48	34.90	45.83	197.8	-0.573

116 130626 0232 49.0 - Bacino di Gioia
 Lat: 38.37 Lon: 15.44 Prof: 120.4 Km
 ± 2.57 km ± 3.03 km ± 3.9 km
 RMS: 0.49s GAP: 108.7° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	33	10.34	95.30	46.2	-0.240
SMIN	S	33	25.87	95.30	46.2	-0.480

117 130626 0241 41.9 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.07 Prof: 0.0 Km
 ± 9.97 km ± 5.14 km ± 4.2 km
 RMS: 0.93s GAP: 340.0° NR: 7

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	41	42.18	2.35	250.7	-0.340
MMN9	S	41	43.07	2.35	250.7	0.131

118 130626 1337 54.4 - Catena del Pollino
 Lat: 39.91 Lon: 16.13 Prof: 7.6 Km
 ± 0.66 km ± 0.53 km ± 1.6 km
 RMS: 0.36s GAP: 98.4° NR: 23

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	37	56.96	7.80	254.0	0.104
MMN9	S	37	58.25	7.80	254.0	-0.408
MMN	P	37	57.57	12.81	259.9	0.026
MMN	S	38	-.46	12.81	259.9	-0.317
CET2	P	38	3.13	45.29	200.4	-0.004

119 130626 1618 59.6 - Alto Tirreno Cosentino
 Lat: 39.84 Lon: 16.17 Prof: 5.2 Km
 ± 0.59 km ± 0.56 km ± 2.1 km
 RMS: 0.46s GAP: 77.2° NR: 33

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	19	2.58	11.72	296.2	-0.017
MMN9	S	19	5.00	11.72	296.2	0.244
MMN	P	19	3.56	16.42	288.0	0.021
MMN	S	19	6.85	16.42	288.0	0.460
CET2	P	19	7.22	39.84	208.2	-0.537
CET2	S	19	12.94	39.84	208.2	-0.756
CUP2	P	19	12.06	60.54	147.8	0.935
CUP2	S	19	19.08	60.54	147.8	-0.448
SMIN	P	19	17.00	96.97	177.2	-0.289
SMIN	S	19	30.83	96.97	177.2	0.622

120 130626 1625 51.5 - Alto Tirreno Cosentino
 Lat: 39.84 Lon: 16.18 Prof: 9.9 Km
 ± 0.55 km ± 0.46 km ± 1.3 km
 RMS: 0.22s GAP: 139.6° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	25	54.97	12.88	294.9	0.077
MMN9	S	25	57.13	12.88	294.9	-0.182
MMN	P	25	55.56	17.62	287.6	0.000
MMN	S	25	58.29	17.62	287.6	-0.177
CET2	P	25	59.44	40.20	209.8	0.003
CET2	S	26	4.62	40.20	209.8	-0.564

121 130626 1818 36.8 - Alto Tirreno Cosentino
 Lat: 39.82 Lon: 16.15 Prof: 5.4 Km
 ± 0.40 km ± 0.57 km ± 0.4 km
 RMS: 0.08s GAP: 257.5° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	18	39.81	11.79	310.5	-0.065
MMN9	S	18	42.05	11.79	310.5	-0.009
MMN	P	18	40.71	15.98	298.2	0.004
MMN	S	18	43.63	15.98	298.2	0.132
CET2	P	18	44.46	36.93	207.9	-0.018

122 130626 2112 29.3 - Alto Tirreno Cosentino
 Lat: 39.86 Lon: 16.01 Prof: 3.3 Km
 ± 0.53 km ± 0.23 km ± 0.4 km
 RMS: 0.06s GAP: 279.6° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	12	30.50	3.55	332.0	0.003
MMN	S	12	31.48	3.55	332.0	0.102
MMN9	P	12	30.66	4.72	46.7	-0.043
MMN9	S	12	31.77	4.72	46.7	0.042

123 130626 2259 34.8 - Maratea - Rotonda
 Lat: 39.94 Lon: 16.04 Prof: 0.0 Km
 ± 0.65 km ± 0.44 km ± 0.5 km
 RMS: 0.11s GAP: 307.2° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	59	36.10	5.36	177.6	-0.001
MMN9	S	59	36.95	5.36	177.6	-0.038
MMN	P	59	36.57	7.32	221.8	0.042
MMN	S	59	37.89	7.32	221.8	0.162

124 130626 2333 06.7 - Alto Tirreno Cosentino
 Lat: 39.87 Lon: 15.96 Prof: 1.8 Km
 ± 0.36 km ± 0.48 km ± 0.2 km
 RMS: 0.05s GAP: 330.2° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	33	7.53	2.40	49.5	-0.043
MMN	S	33	8.21	2.40	49.5	0.050

125 130626 2348 43.2 - Alto Tirreno Cosentino
 Lat: 39.83 Lon: 16.02 Prof: .5 Km
 ± 0.30 km ± 0.22 km ± 0.3 km
 RMS: 0.06s GAP: 313.5° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	48	44.77	6.91	335.3	-0.013
MMN	S	48	46.00	6.91	335.3	0.066
MMN9	P	48	44.79	6.75	19.2	0.029
MMN9	S	48	45.85	6.75	19.2	-0.035

126 130627 0124 31.3 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.00 Prof: 2.7 Km
 ± 0.90 km ± 0.12 km ± 0.2 km
 RMS: 0.04s GAP: 209.3° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	24	32.20	1.49	303.6	-0.039
MMN	S	24	32.89	1.49	303.6	0.020
MMN9	P	24	32.57	3.97	76.5	-0.020
MMN9	S	24	33.51	3.97	76.5	0.032

127 130627 0258 57.8 - Maratea - Rotonda
 Lat: 39.95 Lon: 16.03 Prof: 0.0 Km
 ± 0.38 km ± 0.57 km ± 0.1 km
 RMS: 0.02s GAP: 353.2° NR: 4

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	59	-.19	8.58	209.4	0.011
MMN	S	59	1.19	8.58	209.4	-0.012

128 130627 0327 23.3 - Alto Tirreno Cosentino
 Lat: 39.85 Lon: 16.09 Prof: 5.3 Km
 ± 1.49 km ± 0.83 km ± 0.6 km
 RMS: 0.13s GAP: 333.5° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	27	25.29	5.66	319.4	0.019
MMN9	S	27	26.61	5.66	319.4	-0.043
MMN	P	27	25.91	9.74	295.5	-0.036
MMN	S	27	28.03	9.74	295.5	0.206

129 130627 0405 52.9 - Bacino di Paola
 Lat: 38.89 Lon: 15.71 Prof: 173.3 Km
 ± 2.79 km ± 5.79 km ± 2.8 km
 RMS: 0.33s GAP: 163.3° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	06	16.75	45.16	79.3	-0.185
SMIN	S	06	34.33	45.16	79.3	-0.181
CET2	P	06	17.94	73.18	16.6	0.483
CET2	S	06	35.56	73.18	16.6	0.146

130 130627 0622 17.7 - Scarpata di Paola
 Lat: 38.98 Lon: 15.47 Prof: 227.7 Km
 ± 4.67 km ± 6.39 km ± 3.8 km
 RMS: 0.44s GAP: 173.6° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	22	48.77	73.39	35.1	0.344
CET2	S	23	11.60	73.39	35.1	0.729

131 130627 1321 36.2 - Alto Tirreno Cosentino
 Lat: 39.87 Lon: 15.96 Prof: 0.0 Km
 ± 0.32 km ± 0.31 km ± 0.3 km
 RMS: 0.06s GAP: 317.5° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	21	36.77	2.63	59.1	-0.085
MMN	S	21	37.24	2.63	59.1	-0.068
MMN9	P	21	37.91	7.51	78.8	-0.012
MMN9	S	21	39.19	7.51	78.8	0.035

132 130627 1345 21.1 - Catena del Pollino
 Lat: 39.82 Lon: 16.26 Prof: 8.0 Km
 ± 0.81 km ± 0.74 km ± 1.5 km
 RMS: 0.33s GAP: 169.3° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	45	25.06	20.03	291.0	-0.345
MMN9	S	45	28.22	20.03	291.0	-0.316
CET2	P	45	29.34	42.74	219.2	-0.037
CET2	S	45	34.87	42.74	219.2	-0.546

133 130627 2305 00.5 - Maratea - Rotonda
 Lat: 39.95 Lon: 16.01 Prof: .1 Km
 ± 1.64 km ± 1.37 km ± 1.5 km
 RMS: 0.33s GAP: 314.9° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	05	2.22	7.93	154.5	-0.129
MMN9	S	05	3.74	7.93	154.5	0.090
MMN	P	05	2.77	7.45	193.1	0.535
MMN	S	05	3.59	7.45	193.1	0.132

134 130628 0312 51.6 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.06 Prof: 0.0 Km
 ± 3.44 km ± 1.02 km ± 1.0 km
 RMS: 0.22s GAP: 348.3° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	12	51.71	1.32	276.8	-0.272
MMN9	S	12	52.51	1.32	276.8	0.253
MMN	P	12	53.02	6.42	270.5	-0.030
MMN	S	12	53.97	6.42	270.5	-0.135

135 130628 0446 26.7 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.04 Prof: 2.6 Km
 ± 1.31 km ± 0.28 km ± 0.4 km
 RMS: 0.10s GAP: 242.8° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	46	27.54	.76	28.8	-0.026
MMN9	S	46	28.21	.76	28.8	0.038
MMN	P	46	28.05	4.77	276.9	-0.001
MMN	S	46	28.80	4.77	276.9	-0.212

136 130628 0700 08.8 - Alto Tirreno Cosentino
 Lat: 39.85 Lon: 16.09 Prof: 5.4 Km
 ± 0.53 km ± 0.51 km ± 1.4 km
 RMS: 0.30s GAP: 131.8° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	00	10.83	5.50	312.6	0.076
MMN9	S	00	11.77	5.50	312.6	-0.362
MMN	P	00	11.52	9.85	291.6	0.052
MMN	S	00	13.00	9.85	291.6	-0.369
CET2	P	00	16.76	38.60	198.7	0.015
CET2	S	00	21.61	38.60	198.7	-0.899

137 130628 0742 03.5 - Aspromonte mer.
 Lat: 37.93 Lon: 15.87 Prof: 13.5 Km
 ± 1.97 km ± 1.09 km ± 3.2 km
 RMS: 0.55s GAP: 234.6° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	42	6.79	7.98	346.7	0.287
CNDF	S	42	8.35	7.98	346.7	-0.308

138 130628 0851 11.9 - Alto Tirreno Cosentino
 Lat: 39.87 Lon: 16.02 Prof: 4.1 Km
 ± 0.71 km ± 0.84 km ± 3.1 km
 RMS: 0.53s GAP: 104.4° NR: 36

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	51	13.18	3.32	309.8	-0.069
MMN	S	51	14.00	3.32	309.8	-0.172
MMN9	P	51	13.37	3.39	48.9	0.082
MMN9	S	51	14.48	3.39	48.9	0.240
CET2	P	51	18.98	38.49	188.6	-0.389
CET2	S	51	23.93	38.49	188.6	-0.844

139 130628 0859 22.9 - Alto Tirreno Cosentino
 Lat: 39.87 Lon: 16.02 Prof: 5.5 Km
 ± 0.64 km ± 0.87 km ± 1.8 km
 RMS: 0.32s GAP: 116.6° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	59	24.32	3.74	305.9	-0.097
MMN	S	59	25.20	3.74	305.9	-0.311
MMN9	P	59	24.49	3.09	42.2	0.100
MMN9	S	59	25.60	3.09	42.2	0.135
CET2	P	59	30.18	38.50	189.3	-0.130
CET2	S	59	35.08	38.50	189.3	-0.637

140 130628 1042 53.5 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.01 Prof: 2.7 Km
 ± 3.06 km ± 0.74 km ± 1.3 km
 RMS: 0.29s GAP: 219.0° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	42	54.53	2.99	66.0	-0.087
MMN9	S	42	55.51	2.99	66.0	0.114
MMN	P	42	54.99	2.62	295.1	0.448
MMN	S	42	55.40	2.62	295.1	0.136

141 130628 1210 16.4 - Alto Tirreno Cosentino
 Lat: 39.84 Lon: 16.01 Prof: 2.7 Km
 ± 0.41 km ± 0.25 km ± 0.3 km
 RMS: 0.07s GAP: 302.0° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	10	17.78	5.25	339.0	-0.038
MMN	S	10	18.91	5.25	339.0	0.056
MMN9	P	10	18.03	5.95	32.8	0.062
MMN9	S	10	19.04	5.95	32.8	-0.071

142 130628 1211 36.6 - Maratea - Rotonda
 Lat: 39.97 Lon: 16.02 Prof: .5 Km
 ± 1.42 km ± 3.50 km ± 0.5 km
 RMS: 0.12s GAP: 354.4° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	11	38.74	9.27	198.3	-0.010
MMN	S	11	40.09	9.27	198.3	-0.183

143 130628 1250 48.5 - Alto Tirreno Cosentino
 Lat: 39.86 Lon: 16.08 Prof: 4.1 Km
 ± 0.75 km ± 0.58 km ± 1.7 km
 RMS: 0.37s GAP: 104.6° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	50	50.22	4.19	313.0	0.211
MMN9	S	50	51.12	4.19	313.0	0.030
MMN	P	50	50.83	8.63	288.6	0.080
MMN	S	50	52.06	8.63	288.6	-0.310

144 130628 1512 09.4 - Alto Tirreno Cosentino
 Lat: 39.86 Lon: 16.00 Prof: 1.9 Km
 ± 0.50 km ± 0.23 km ± 0.3 km
 RMS: 0.07s GAP: 282.9° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	12	10.42	3.52	336.2	0.000
MMN	S	12	10.99	3.52	336.2	-0.159
MMN9	P	12	10.69	4.96	48.0	-0.014
MMN9	S	12	11.67	4.96	48.0	0.027

145 130628 1612 24.4 - Catena del Pollino
 Lat: 39.91 Lon: 16.18 Prof: 8.2 Km
 ± 0.92 km ± 0.58 km ± 2.0 km
 RMS: 0.34s GAP: 97.7° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	12	27.60	11.81	260.1	0.180
MMN9	S	12	29.69	11.81	260.1	0.060
MMN	P	12	28.48	16.88	262.7	0.320
MMN	S	12	31.10	16.88	262.7	0.190

146 130628 1613 12.3 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.01 Prof: 2.3 Km
 ± 0.54 km ± 0.12 km ± 0.2 km
 RMS: 0.05s GAP: 200.6° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	13	13.30	2.37	286.3	0.025
MMN	S	13	13.84	2.37	286.3	-0.081
MMN9	P	13	13.33	2.93	74.8	-0.052
MMN9	S	13	14.17	2.93	74.8	0.064

147 130628 1711 47.0 - Catena del Pollino
 Lat: 39.85 Lon: 16.24 Prof: 11.1 Km
 ± 1.23 km ± 1.17 km ± 4.0 km
 RMS: 0.70s GAP: 84.5° NR: 24

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	11	51.02	17.22	285.7	-0.005
MMN9	S	11	54.34	17.22	285.7	0.366
MMN	P	11	52.03	22.16	281.9	0.281
MMN	S	11	55.04	22.16	281.9	-0.186
CET2	P	11	55.22	43.46	215.0	-0.209

148 130628 1714 47.4 - Alto Tirreno Cosentino
 Lat: 39.87 Lon: 16.05 Prof: 2.7 Km
 ± 0.64 km ± 0.61 km ± 0.8 km
 RMS: 0.17s GAP: 209.4° NR: 9

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	14	48.42	2.09	343.7	-0.016
MMN9	S	14	49.24	2.09	343.7	0.107
MMN	P	14	49.04	6.00	288.5	-0.001
MMN	S	14	50.10	6.00	288.5	-0.080
CET2	P	14	55.02	39.30	193.1	-0.042

149 130628 2046 06.2 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.05 Prof: 6.6 Km
 ± 5.85 km ± 1.16 km ± 1.3 km
 RMS: 0.22s GAP: 325.0° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	46	7.66	.30	242.0	-0.092
MMN9	S	46	8.98	.30	242.0	0.123
MMN	P	46	8.04	5.38	267.4	-0.009
MMN	S	46	8.88	5.38	267.4	-0.496

150 130628 2337 50.7 - Alto Tirreno Cosentino
 Lat: 39.84 Lon: 15.98 Prof: 0.0 Km
 ± 0.65 km ± 5.93 km ± 0.9 km
 RMS: 0.20s GAP: 178.0° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	37	52.02	5.69	8.8	0.055
MMN	S	37	52.77	5.69	8.8	-0.140
CET2	P	37	58.02	34.64	183.9	0.165
CET2	S	38	2.74	34.64	183.9	-0.364

151 130629 0049 27.1 - Alto Tirreno Cosentino
 Lat: 39.86 Lon: 16.00 Prof: 3.6 Km
 ± 0.71 km ± 0.27 km ± 0.4 km
 RMS: 0.08s GAP: 268.9° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	49	28.22	3.07	328.2	-0.050
MMN	S	49	29.21	3.07	328.2	0.085
MMN9	P	49	28.43	4.41	52.2	-0.048
MMN9	S	49	29.54	4.41	52.2	0.054

152 130629 0258 32.6 - Alto Tirreno Cosentino
 Lat: 39.83 Lon: 16.01 Prof: 0.0 Km
 ± 0.48 km ± 0.30 km ± 0.4 km
 RMS: 0.08s GAP: 311.5° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	58	34.02	6.23	337.6	0.022
MMN	S	58	34.90	6.23	337.6	-0.121
MMN9	P	58	34.05	6.47	25.0	-0.005
MMN9	S	58	35.13	6.47	25.0	0.009

153 130629 0515 18.4 - Catena del Pollino
 Lat: 39.91 Lon: 16.12 Prof: 7.7 Km
 ± 0.36 km ± 0.32 km ± 1.0 km
 RMS: 0.23s GAP: 87.3° NR: 24

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	15	20.84	6.85	249.1	0.092
MMN9	S	15	22.12	6.85	249.1	-0.336
MMN	P	15	21.45	11.78	257.5	0.048
MMN	S	15	23.34	11.78	257.5	-0.249
CET2	P	15	27.11	45.20	199.0	-0.012
CET2	S	15	32.99	45.20	199.0	-0.506

154 130629 0516 53.9 - Offshore Cilento
 Lat: 39.96 Lon: 15.04 Prof: 230.3 Km
 ± 2.68 km ± 6.44 km ± 5.3 km
 RMS: 0.64s GAP: 183.9° NR: 29

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	17	30.00	150.49	137.7	-0.415
CNDF	P	17	36.29	229.42	162.6	-0.335

155 130629 1120 19.0 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.11 Prof: 5.9 Km
 ± 0.66 km ± 0.50 km ± 1.5 km
 RMS: 0.32s GAP: 128.5° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	20	21.23	5.26	266.9	0.290
MMN9	S	20	22.56	5.26	266.9	0.200
MMN	P	20	21.85	10.37	267.9	0.092
MMN	S	20	23.02	10.37	267.9	-0.752
CET2	P	20	27.47	42.79	198.5	-0.062
CET2	S	20	33.02	42.79	198.5	-0.753

156 130629 1239 16.3 - Alto Tirreno Cosentino
 Lat: 39.86 Lon: 16.01 Prof: 2.4 Km
 ± 0.57 km ± 0.24 km ± 0.4 km
 RMS: 0.08s GAP: 279.3° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	39	17.51	3.69	329.5	0.056
MMN	S	39	18.24	3.69	329.5	-0.016
MMN9	P	39	17.59	4.61	44.6	-0.045
MMN9	S	39	18.62	4.61	44.6	0.050

157 130629 2021 58.0 - Alto Tirreno Cosentino
 Lat: 39.84 Lon: 16.07 Prof: .9 Km
 ± 0.35 km ± 0.29 km ± 0.3 km
 RMS: 0.06s GAP: 326.1° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	21	59.42	5.72	335.2	0.021
MMN9	S	22	.36	5.72	335.2	-0.024
MMN	P	22	.15	9.07	304.2	0.035
MMN	S	22	1.58	9.07	304.2	-0.038

158 130629 2031 53.7 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.02 Prof: 4.2 Km
 ± 0.37 km ± 0.09 km ± 0.1 km
 RMS: 0.03s GAP: 213.3° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	31	54.91	2.43	65.5	-0.033
MMN9	S	31	55.87	2.43	65.5	0.037
MMN	P	31	54.98	3.03	287.5	0.011
MMN	S	31	55.88	3.03	287.5	0.000

159 130629 2032 57.4 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.02 Prof: 2.7 Km
 ± 1.05 km ± 0.22 km ± 0.4 km
 RMS: 0.09s GAP: 171.0° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	32	58.39	2.28	93.9	-0.074
MMN9	S	32	59.33	2.28	93.9	0.150
MMN	P	32	58.44	2.83	264.8	-0.068
MMN	S	32	59.23	2.83	264.8	-0.014

160 130629 2355 09.7 - Piana bat. ionica
 Lat: 36.97 Lon: 16.63 Prof: 31.9 Km
 ± 1.89 km ± 2.12 km ± 5.1 km
 RMS: 0.65s GAP: 256.2° NR: 84

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	55	48.90	267.34	358.1	0.000
CUP2	S	56	11.90	267.34	358.1	0.000
CET2	P	55	49.69	289.55	348.1	0.000
CET2	S	56	16.87	289.55	348.1	0.000
MMN9	P	55	55.47	327.67	351.0	0.000
MMN9	S	56	26.34	327.67	351.0	0.000

161 130630 1922 55.6 - Stretto di Messina
 Lat: 38.25 Lon: 15.67 Prof: 15.0 Km
 ± 1.04 km ± 0.82 km ± 3.9 km
 RMS: 0.68s GAP: 74.8° NR: 47

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	23	12.45	93.32	31.3	0.107
SMIN	S	23	25.34	93.32	31.3	0.732
CET2	P	23	19.16	143.66	10.0	0.614