



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

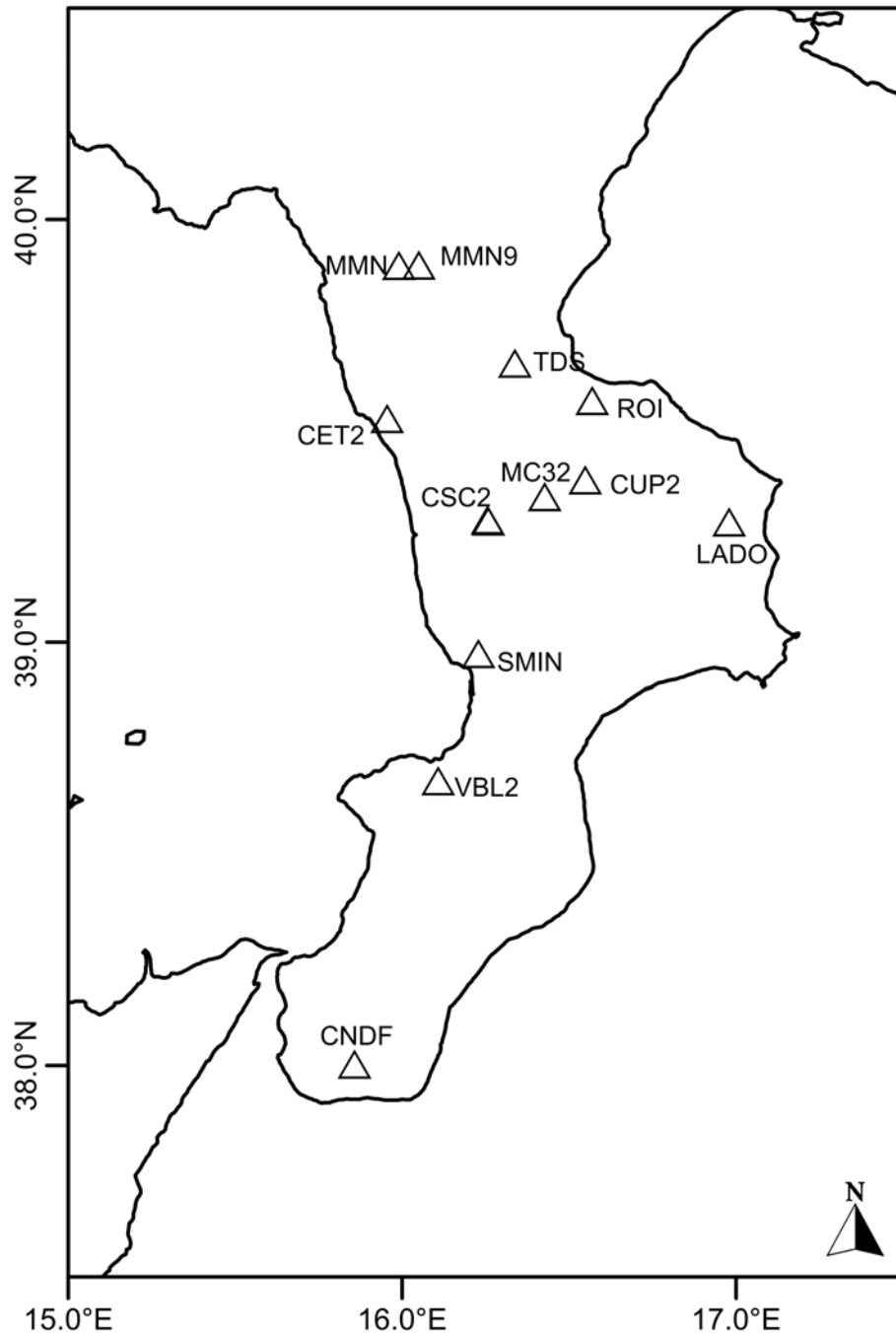
E

DELLE AREE CIRCOSTANTI

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

Periodo 16-30 Giugno 2014

Distribuzione delle stazioni della Rete Sismica UniCal – Pon MASSIMO



Toponomastica delle aree epicentrali



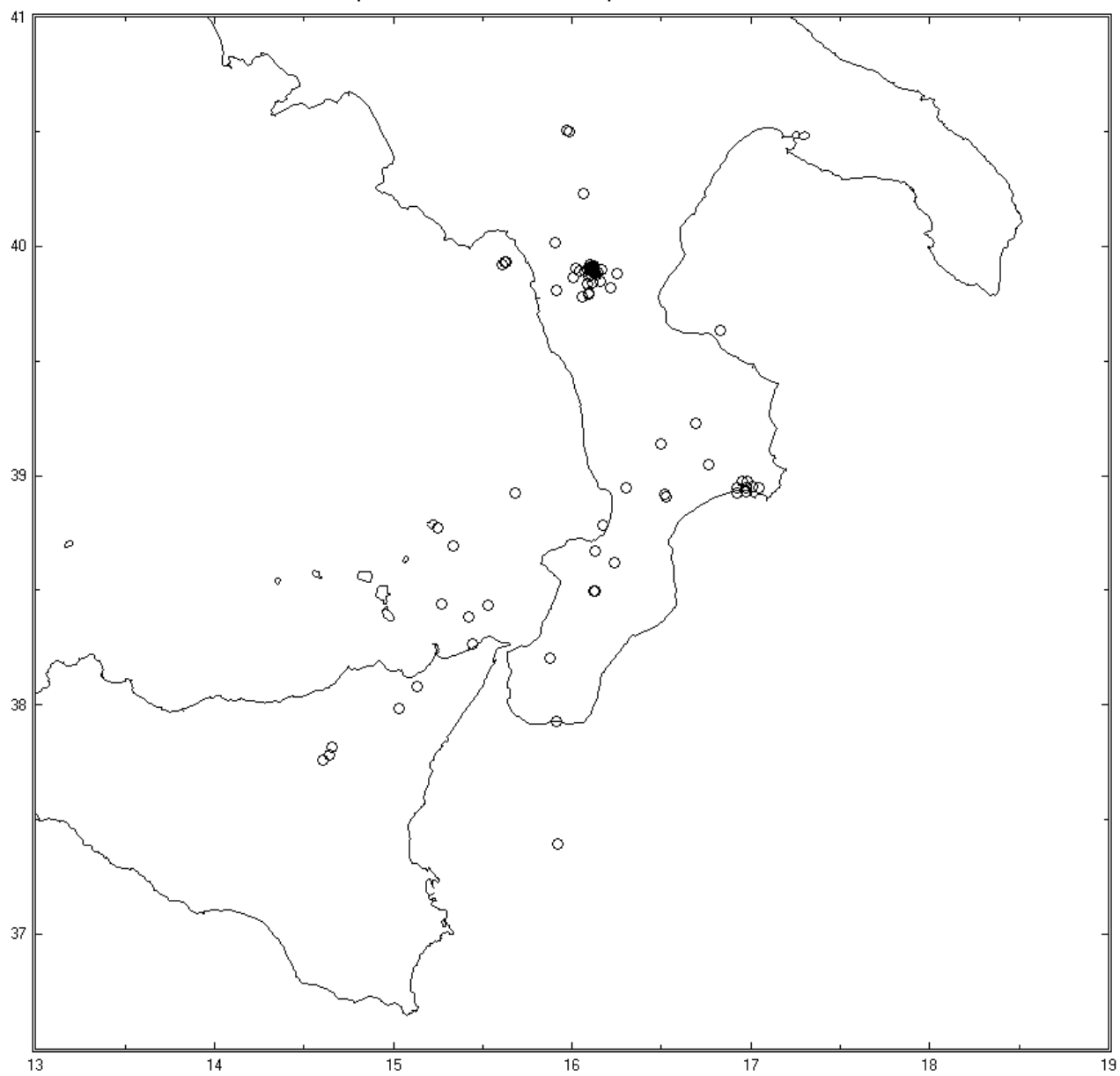
1 Murge	19 Piana di Sibari	37 Offshore Punta Stilo	55 Milazzo
2 Penisola Salentina	20 Valle dell'Esaro	38 Punta Stilo	56 Monti Peloritani
3 Piana del Bradano e del Basento	21 Catena del Pollino	39 Serre centro-settentrionali	57 Stretto di Messina
4 Golfo di Taranto	22 Marate - Rotonda	40 Valle del Mesima	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
140616	0621	29.3	38.7745	15.2515	34.3	2.2	0.79	0.99	2.99	29	110	0.38	0.11
140616	1405	10.1	39.8860	16.1243	5.1	1.6	0.58	0.58	1.67	18	110	0.37	0.09
140616	1821	29.8	39.8945	16.1168	5.8	1.1	0.73	0.63	1.70	14	101	0.38	0.11
140616	2249	3.3	39.9092	16.1023	10.7	1.3	0.56	0.60	1.78	14	84	0.31	0.08
140617	0958	14.3	38.9246	16.9250	19.8	1.8	0.95	1.25	1.57	14	248	0.27	0.21
140617	1024	40.7	39.7951	16.0937	9.9	0.8	0.38	0.54	1.40	16	110	0.24	0.07
140617	1049	44.6	39.7924	16.0912	9.5	0.9	0.43	0.58	1.37	12	118	0.24	0.07
140617	1225	1.1	38.9321	16.9710	0.5	2.9	0.72	1.20	2.29	42	219	0.51	0.20
140617	1310	24.9	38.9246	15.6845	177.5	2.4	1.82	4.32	3.27	20	170	0.39	0.19
140617	1325	7.7	38.9462	16.9234	12.8	1.5	2.18	2.04	2.72	12	288	0.47	0.47
140617	1349	47.7	39.8728	16.0922	5.2	1.4	0.48	0.43	1.10	14	117	0.25	0.07
140617	1458	57.1	38.9547	17.0080	7.1	1.8	1.32	1.66	2.74	21	257	0.47	0.34
140617	1558	49.2	39.7814	16.0577	2.7		0.28	1.50	0.62	6	200	0.14	0.11
140617	1710	1.3	37.3944	15.9207	19.1	2.2	1.33	1.72	2.45	27	227	0.42	0.28
140617	1713	14.6	37.9831	15.0317	10.0	2.1	1.21	0.50	1.91	18	184	0.33	0.12
140618	0307	10.1	37.9271	15.9129	59.6	3.5	0.98	1.18	3.77	60	142	0.47	0.11
140618	1014	22.8	39.9092	16.1184	7.6	1.2	0.65	0.59	1.18	11	135	0.26	0.11
140618	1442	57.9	38.9762	16.9789	24.3		2.67	2.88	3.37	8	269	0.52	0.57
140618	1444	4.6	39.8995	16.1150	6.7	1.1	1.10	0.51	1.27	9	192	0.28	0.13
140618	1738	34.9	39.8788	16.1103	6.1	1.4	0.60	0.56	1.36	13	97	0.30	0.09
140618	2020	45.7	38.9472	17.0473	10.3	1.3	1.03	1.79	2.71	17	232	0.47	0.31
140619	0350	15.3	39.8914	16.1078	6.4	1.6	0.81	0.63	1.95	20	103	0.43	0.11
140619	0759	21.0	39.0506	16.7601	9.9	1.1	0.91	0.92	1.00	7	219	0.17	0.13
140619	0809	48.9	38.9478	16.3016	8.8	1.2	0.50	0.44	1.17	13	150	0.20	0.07
140619	1455	23.1	38.4968	16.1256	0.8	1.8	0.52	0.55	1.31	17	91	0.29	0.08
140619	1529	10.9	39.2272	16.6942	10.1	1.2	0.95	1.27	3.14	15	96	0.54	0.15
140619	2130	55.6	38.6221	16.2396	23.0	1.9	0.53	0.76	2.22	34	97	0.38	0.08
140619	2131	26.5	38.6707	16.1273	21.0	1.9	1.24	2.81	1.54	9	256	0.27	0.18
140621	0139	46.6	38.9771	16.9499	0.0	1.3	1.78	1.73	1.84	11	265	0.41	0.42
140621	1640	8.6	39.9097	16.1205	9.5	1.0	1.08	0.66	1.85	12	176	0.32	0.13
140622	0220	27.8	38.9211	16.5208	17.1	2.2	0.47	0.65	2.05	36	139	0.35	0.09
140622	0224	32.6	38.4954	16.1215	18.7	1.6	0.63	0.87	2.39	20	89	0.41	0.10
140622	0505	19.5	39.8904	16.0390	6.2	1.1	0.67	0.60	1.48	12	104	0.25	0.07
140622	0741	55.8	40.5039	15.9703	16.4	1.1	0.51	0.75	1.61	17	77	0.28	0.07
140622	0844	19.3	40.5000	15.9866	11.7	1.9	0.56	0.72	2.90	37	47	0.50	0.08
140622	0906	49.5	38.9106	16.5236	15.3	1.1	0.99	1.18	2.45	15	142	0.42	0.13
140622	0923	6.7	38.3841	15.4207	109.2	2.3	1.78	2.19	3.60	27	110	0.45	0.12
140622	1420	40.9	38.9467	16.9710	10.8	1.5	2.08	2.48	3.39	13	252	0.58	0.51
140622	1636	57.7	38.7858	16.1754	15.3	1.3	0.50	1.01	1.76	12	135	0.30	0.09
140622	2003	29.9	39.1413	16.4970	24.2	0.5	1.88	1.65	3.78	11	106	0.65	0.20
140623	0006	28.1	40.2280	16.0655	9.0	1.2	0.53	0.50	1.74	20	111	0.30	0.08
140623	0111	13.5	39.8995	16.0860	5.1	1.4	0.61	0.42	1.37	17	99	0.30	0.08
140623	1529	31.1	39.9130	16.1188	6.4	1.5	0.37	0.34	1.01	20	86	0.23	0.06
140623	1540	11.8	39.8643	16.0075	4.8	0.8	0.75	1.02	2.36	16	120	0.41	0.10
140623	1822	55.9	39.9175	16.1136	5.9	2.4	0.53	0.50	1.95	38	44	0.43	0.07
140623	1908	42.5	39.8339	16.0831	0.0		0.14	0.47	0.32	6	221	0.07	0.07
140623	2201	45.1	38.0789	15.1330	24.8	2.6	1.14	0.99	3.06	24	53	0.53	0.12
140624	2135	54.3	40.0145	15.9085	0.3	1.4	0.50	0.69	1.48	15	156	0.33	0.09
140624	2341	5.5	39.8896	16.1212	7.3	1.2	0.75	0.48	1.19	10	127	0.26	0.09
140625	0652	14.7	39.6347	16.8301	24.9	1.5	1.07	1.19	1.74	14	218	0.30	0.19
140625	1937	31.9	39.9106	16.1087	5.7	1.6	0.46	0.46	1.76	30	50	0.39	0.08
140625	2048	44.2	39.8438	16.1168	2.7		1.13	2.34	1.40	6	248	0.31	0.39
140626	0314	51.1	39.9036	16.1247	6.3	1.9	0.62	0.62	2.14	25	64	0.48	0.10
140626	0712	1.0	39.8954	16.1242	6.4	1.6	0.51	0.42	1.16	18	104	0.26	0.08
140626	1359	40.8	39.8847	16.1270	6.0	1.6	1.03	0.82	2.27	18	110	0.50	0.14
140626	1452	46.2	39.8495	16.1596	2.5	0.1	3.26	5.12	3.20	6	269	0.71	1.04
140626	1521	48.5	37.8172	14.6586	20.0	2.6	0.52	0.58	2.83	52	53	0.49	0.08

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
140626	1543	44.7	37.7610	14.6097	24.1	2.6	0.66	0.62	2.82	48	60	0.49	0.08
140626	1813	18.8	39.8852	16.1420	6.1	0.9	0.56	0.58	1.66	19	104	0.37	0.10
140626	2122	37.8	38.6924	15.3318	239.7	3.4	1.17	1.64	4.33	114	99	0.50	0.05
140627	0058	6.4	39.8092	15.9101	44.2	1.5	1.95	2.94	4.10	16	146	0.53	0.14
140627	0256	48.2	37.7801	14.6391	18.6	3.1	0.67	0.63	3.53	86	51	0.61	0.08
140627	2030	12.5	38.2651	15.4433	131.1	2.2	2.22	1.83	3.40	20	90	0.41	0.09
140628	0028	12.1	39.9113	16.1152	9.8	1.9	0.66	0.70	2.78	31	50	0.48	0.10
140628	0058	36.1	38.4329	15.5305	134.7	2.2	1.99	2.51	4.34	41	113	0.52	0.10
140628	0112	47.5	39.8934	16.0704	8.1	1.5	1.24	1.40	2.75	12	153	0.47	0.19
140628	0705	33.6	39.9227	16.1011	7.3	1.8	1.13	1.08	3.52	23	54	0.78	0.17
140628	0854	57.8	39.8788	16.1391	5.0	1.4	1.41	1.51	3.31	14	124	0.74	0.26
140628	1653	23.5	38.4423	15.2704	128.2	2.2	2.57	2.34	3.09	22	186	0.39	0.15
140629	0025	31.1	38.2055	15.8735	12.9	1.7	0.45	0.44	1.54	21	96	0.27	0.06
140629	0253	35.3	39.8986	16.1615	7.8	0.9	1.07	0.99	3.19	24	100	0.71	0.17
140629	0424	29.0	39.9338	15.6221	9.7	3.9	0.67	1.08	3.60	63	133	0.55	0.09
140629	0514	45.0	39.9330	15.6317	7.5	1.3	1.38	1.47	4.21	19	158	0.73	0.25
140629	0542	56.2	39.9217	15.6082	7.7	3.3	0.81	1.09	4.05	46	112	0.70	0.13
140629	1648	2.9	39.8193	16.2149	13.8	1.3	1.71	1.99	3.32	12	209	0.57	0.28
140630	1605	15.9	39.8820	16.2535	8.0	1.3	0.69	0.43	0.71	6	169	0.16	0.08
140630	1711	28.5	39.9066	16.0202	16.5	1.2	1.59	1.67	3.72	14	90	0.64	0.18

Epicentri localizzati nel periodo di riferimento



BOLLETTINO

1 140616 0621 29.3 - Stromboli
 Lat: 38.77 Lon: 15.25 Prof: 34.3 Km
 ± 0.79 km ± 0.99 km ± 3.0 km
 RMS: 0.38s GAP: 110.6° NR: 29

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	21	41.84	75.31	98.9	-0.541
VBL2	S	21	51.32	75.31	98.9	-0.605
SMIN	P	21	44.16	87.57	75.7	0.110
SMIN	S	21	55.14	87.57	75.7	0.329
CET2	P	21	45.69	103.47	36.4	0.534
CET2	S	21	56.95	103.47	36.4	0.222
CNDF	P	21	45.74	100.65	148.7	0.203
CNDF	S	21	57.18	100.65	148.7	-0.210
ROI	P	21	51.31	144.22	52.3	-0.235
ROI	S	22	8.52	144.22	52.3	0.721

2 140616 1405 10.1 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.12 Prof: 5.1 Km
 ± 0.58 km ± 0.58 km ± 1.7 km
 RMS: 0.37s GAP: 110.5° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	05	12.34	6.35	276.0	0.240
MMN9	S	05	13.22	6.35	276.0	-0.315
CET2	P	05	18.76	42.24	200.3	0.091
CET2	S	05	24.21	42.24	200.3	-0.708

3 140616 1821 29.8 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.11 Prof: 5.8 Km
 ± 0.73 km ± 0.63 km ± 1.7 km
 RMS: 0.38s GAP: 101.4° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	21	32.05	5.68	267.2	0.222
MMN9	S	21	33.24	5.68	267.2	-0.029
MMN	P	21	32.62	10.79	268.0	-0.052
MMN	S	21	34.38	10.79	268.0	-0.352
CET2	P	21	38.00	42.92	199.0	-0.410
CET2	S	21	44.10	42.92	199.0	-0.575

4 140616 2249 03.3 - Alto Tirreno Cosentino
 Lat: 39.90 Lon: 16.10 Prof: 10.7 Km
 ± 0.56 km ± 0.60 km ± 1.8 km
 RMS: 0.31s GAP: 84.8° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	49	6.26	9.76	258.1	-0.014
MMN	S	49	8.25	9.76	258.1	-0.176
CET2	P	49	11.95	44.09	196.8	0.094
CET2	S	49	17.58	44.09	196.8	-0.524

5 140617 0958 14.3 - G. di Squillace
 Lat: 38.92 Lon: 16.92 Prof: 19.8 Km
 ± 0.95 km ± 1.25 km ± 1.6 km
 RMS: 0.27s GAP: 248.8° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	58	22.27	40.16	6.3	-0.160
LADO	S	58	28.70	40.16	6.3	0.346
CUP2	P	58	25.56	60.45	327.1	-0.266
CUP2	S	58	34.64	60.45	327.1	0.407
ROI	P	58	28.67	78.13	336.5	-0.316
ROI	S	58	39.68	78.13	336.5	-0.028

6 140617 1024 40.6 - Alto Tirreno Cosentino
 Lat: 39.79 Lon: 16.09 Prof: 9.9 Km
 ± 0.38 km ± 0.54 km ± 1.4 km
 RMS: 0.24s GAP: 110.9° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	24	43.94	11.36	341.1	0.185
MMN9	S	24	45.91	11.36	341.1	-0.112
MMN	P	24	44.40	13.81	320.4	0.333
MMN	S	24	46.25	13.81	320.4	-0.304
CET2	P	24	47.19	31.88	202.1	0.082
CET2	S	24	51.30	31.88	202.1	-0.528

7 140617 1049 44.6 - Alto Tirreno Cosentino
 Lat: 39.79 Lon: 16.09 Prof: 9.5 Km
 ± 0.43 km ± 0.58 km ± 1.4 km
 RMS: 0.24s GAP: 118.2° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	49	47.88	11.58	342.5	0.160
MMN9	S	49	49.79	11.58	342.5	-0.191
MMN	P	49	48.24	13.91	321.9	0.220
MMN	S	49	50.22	13.91	321.9	-0.276
CET2	P	49	51.08	31.53	202.0	0.069
CET2	S	49	55.20	31.53	202.0	-0.478

8 140617 1225 01.1 - Marchesato
 Lat: 38.93 Lon: 16.97 Prof: 0.5 Km
 ± 0.72 km ± 1.20 km ± 2.3 km
 RMS: 0.51s GAP: 219.0° NR: 42

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	25	9.50	39.06	0.6	0.148
LADO	S	25	15.71	39.06	0.6	0.330
CUP2	P	25	13.43	62.01	323.6	-0.014
CUP2	S	25	22.69	62.01	323.6	0.223
SMIN	P	25	13.84	64.54	273.8	0.057
SMIN	S	25	22.66	64.54	273.8	-0.394
MC32	P	25	14.18	65.60	313.9	0.095
MC32	S	25	24.01	65.60	313.9	0.434
ROI	P	25	15.83	79.03	333.6	-0.896
ROI	S	25	27.15	79.03	333.6	-0.993
SCOI	P	25	15.90	73.42	302.4	0.624
SCOI	S	25	25.98	73.42	302.4	0.342
VBL2	P	25	16.32	80.26	248.9	-0.169
VBL2	S	25	27.59	80.26	248.9	-0.149
CET2	P	25	21.45	109.95	306.9	-0.062
CET2	S	25	36.25	109.95	306.9	-0.182
MMN9	P	25	26.53	132.81	323.2	0.901
MMN9	S	25	44.21	132.81	323.2	0.643
MMN	P	25	26.67	135.85	321.4	0.539
MMN	S	25	44.42	135.85	321.4	-0.022
CNDF	P	25	26.98	141.70	223.2	-0.084

9 140617 1310 24.8 - Bacino di Paola
 Lat: 38.92 Lon: 15.68 Prof: 177.5 Km
 ± 1.82 km ± 4.32 km ± 3.3 km
 RMS: 0.39s GAP: 170.4° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	10	50.08	71.01	19.4	0.310
CET2	S	11	8.49	71.01	19.4	0.498

10 140617 1325 07.7 - Marchesato
 Lat: 38.94 Lon: 16.92 Prof: 12.8 Km
 ± 2.18 km ± 2.04 km ± 2.7 km
 RMS: 0.47s GAP: 288.8° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	25	15.19	37.80	6.9	0.166
LADO	S	25	20.91	37.80	6.9	0.543
ROI	P	25	21.21	75.88	335.9	-0.605
ROI	S	25	31.90	75.88	335.9	-0.233

11 140617 1349 47.7 - Alto Tirreno Cosentino
 Lat: 39.87 Lon: 16.09 Prof: 5.2 Km
 ± 0.48 km ± 0.43 km ± 1.1 km
 RMS: 0.25s GAP: 117.7° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	49	49.36	4.16	300.7	-0.021
MMN9	S	49	50.28	4.16	300.7	-0.319
MMN	P	49	50.34	8.92	283.1	0.227
MMN	S	49	51.85	8.92	283.1	-0.018
CET2	P	49	55.96	39.97	197.3	0.113
CET2	S	50	1.21	39.97	197.3	-0.595

12 140617 1459 57.1 - Marchesato
 Lat: 38.95 Lon: 17.00 Prof: 7.1 Km
 ± 1.32 km ± 1.66 km ± 2.7 km
 RMS: 0.47s GAP: 257.8° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	59	4.43	36.63	355.6	0.480
LADO	S	59	9.70	36.63	355.6	0.736
CUP2	P	59	8.22	62.00	319.8	-0.191
CUP2	S	59	17.25	62.00	319.8	0.561
SMIN	P	59	9.73	67.61	271.5	0.447
SMIN	S	59	18.10	67.61	271.5	-0.105
ROI	P	59	10.69	78.27	330.7	-0.788
ROI	S	59	21.82	78.27	330.7	-0.185
CET2	P	59	16.44	111.04	304.9	0.008
CET2	S	59	30.51	111.04	304.9	-0.074

13 140617 1558 49.2 - Alto Tirreno Cosentino
 Lat: 39.78 Lon: 16.05 Prof: 2.7 Km
 ± 0.28 km ± 1.50 km ± 0.6 km
 RMS: 0.14s GAP: 200.5° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	58	51.93	12.28	357.2	0.008
MMN9	S	58	53.77	12.28	357.2	-0.151
MMN	P	58	52.18	13.44	334.8	0.080
MMN	S	58	54.21	13.44	334.8	-0.018
CET2	P	58	55.14	29.41	197.7	0.089
CET2	S	58	59.16	29.41	197.7	-0.182

14 140617 1710 01.2 - Piana bat. ionica
 Lat: 37.39 Lon: 15.92 Prof: 19.1 Km
 ± 1.33 km ± 1.72 km ± 2.4 km
 RMS: 0.42s GAP: 227.2° NR: 27

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	10	14.02	67.81	355.5	0.177
CNDF	S	10	23.26	67.81	355.5	0.215

15 140617 1713 14.6 - M. Peloritani
 Lat: 37.98 Lon: 15.03 Prof: 10.0 Km
 ± 1.21 km ± 0.50 km ± 1.9 km
 RMS: 0.33s GAP: 184.2° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	13	27.62	72.54	88.7	-0.035
CNDF	S	13	37.57	72.54	88.7	0.367

16 140618 0307 10.1 - Aspromonte mer.
 Lat: 37.92 Lon: 15.91 Prof: 59.6 Km
 ± 0.98 km ± 1.18 km ± 3.8 km
 RMS: 0.47s GAP: 142.7° NR: 60

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	07	19.71	9.77	330.1	0.269
CNDF	S	07	26.28	9.77	330.1	0.031
VBL2	P	07	26.09	84.62	11.8	0.183
VBL2	S	07	38.07	84.62	11.8	0.617
SMIN	P	07	29.97	119.31	13.4	-0.131
SMIN	S	07	44.35	119.31	13.4	-0.369
SCOI	P	07	34.07	154.14	11.3	-0.298
CSC2	P	07	34.10	153.84	11.4	-0.238
CSC2	S	07	51.92	153.84	11.4	-0.133
CET2	P	07	36.78	177.84	1.4	0.863
CET2	S	07	54.98	177.84	1.4	0.197
LADO	P	07	37.12	176.96	31.5	0.451
LADO	S	07	55.47	176.96	31.5	-0.622
MMN	P	07	41.94	218.11	1.9	-0.578
MMN9	P	07	42.06	218.44	3.3	-0.530
MMN9	S	08	5.64	218.44	3.3	-0.704

17 140618 1014 22.7 - Catena del Pollino
 Lat: 39.90 Lon: 16.11 Prof: 7.6 Km
 ± 0.65 km ± 0.59 km ± 1.2 km
 RMS: 0.26s GAP: 135.4° NR: 11

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	14	25.00	6.12	251.8	-0.027
MMN9	S	14	26.29	6.12	251.8	-0.380
MMN	P	14	25.64	11.11	259.6	-0.039
MMN	S	14	27.82	11.11	259.6	0.026
CET2	P	14	31.43	44.50	198.5	0.042
CET2	S	14	37.27	44.50	198.5	-0.419

18 140618 1443 57.8 - Marchesato
 Lat: 38.97 Lon: 16.97 Prof: 24.3 Km
 ± 2.67 km ± 2.88 km ± 3.4 km
 RMS: 0.52s GAP: 269.9° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	43	4.96	34.16	359.6	-0.388
LADO	S	43	11.28	34.16	359.6	0.456
CUP2	P	43	9.10	58.56	320.2	-0.050
CUP2	S	43	17.40	58.56	320.2	-0.009
SMIN	P	43	10.76	65.05	269.4	0.637
SMIN	S	43	18.38	65.05	269.4	-0.717
ROI	P	43	11.62	74.98	331.5	-0.210
ROI	S	43	22.34	74.98	331.5	0.291

19 140618 1444 04.6 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.11 Prof: 6.7 Km
 ± 1.10 km ± 0.51 km ± 1.3 km
 RMS: 0.28s GAP: 192.2° NR: 9

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	44	6.89	5.59	261.3	0.146
MMN9	S	44	8.07	5.59	261.3	-0.227
MMN	P	44	7.58	10.68	264.9	0.076
MMN	S	44	9.52	10.68	264.9	-0.086
TDS	P	44	10.88	32.76	144.5	-0.141

20 140618 1738 34.9 - Alto Tirreno Cosentino
 Lat: 39.87 Lon: 16.11 Prof: 6.1 Km
 ± 0.60 km ± 0.56 km ± 1.4 km
 RMS: 0.30s GAP: 97.0° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	38	36.96	5.33	285.8	0.079
MMN9	S	38	38.15	5.33	285.8	-0.178
MMN	P	38	37.67	10.32	277.5	0.000
MMN	S	38	39.80	10.32	277.5	0.102
CET2	P	38	42.97	41.09	199.1	-0.144
CET2	S	38	48.81	41.09	199.1	-0.312

21 140618 2020 45.7 - Marchesato
 Lat: 38.94 Lon: 17.04 Prof: 10.3 Km
 ± 1.03 km ± 1.79 km ± 2.7 km
 RMS: 0.47s GAP: 232.9° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	20	53.39	37.85	350.6	0.504
LADO	S	20	58.51	37.85	350.6	0.387
SMIN	P	20	58.71	71.05	272.1	0.151
SMIN	S	21	8.61	71.05	272.1	0.663
ROI	P	21	0.08	80.69	328.9	-0.479
ROI	S	21	11.18	80.69	328.9	-0.226

22 140619 0350 15.3 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.10 Prof: 6.4 Km
 ± 0.81 km ± 0.63 km ± 2.0 km
 RMS: 0.43s GAP: 103.8° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	50	17.61	4.91	270.6	0.302
MMN9	S	50	18.77	4.91	270.6	0.014
MMN	P	50	18.24	10.02	269.7	0.160
MMN	S	50	19.21	10.02	269.7	-0.884
CET2	P	50	23.81	42.35	198.2	0.094
CET2	S	50	29.54	42.35	198.2	-0.321

23 140619 0759 21.0 - Sila Piccola
 Lat: 39.05 Lon: 16.76 Prof: 9.9 Km
 ± 0.91 km ± 0.92 km ± 1.0 km
 RMS: 0.17s GAP: 219.1° NR: 7

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	59	26.99	32.09	35.8	-0.178
LADO	S	59	31.98	32.09	35.8	0.299

24 140619 0809 48.9 - Stretta di Catanzaro
 Lat: 38.94 Lon: 16.30 Prof: 8.8 Km
 ± 0.50 km ± 0.44 km ± 1.2 km
 RMS: 0.20s GAP: 150.2° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	09	51.39	6.94	293.6	0.173
SMIN	S	09	52.72	6.94	293.6	-0.161

25 140619 1455 23.1 - Serre centro-sett.
 Lat: 38.49 Lon: 16.12 Prof: 0.8 Km
 ± 0.52 km ± 0.55 km ± 1.3 km
 RMS: 0.29s GAP: 91.3° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	55	33.58	53.60	9.6	0.378
SMIN	S	55	40.12	53.60	9.6	-0.443

26 140619 1529 10.9 - Sila Grande
 Lat: 39.22 Lon: 16.69 Prof: 10.1 Km
 ± 0.95 km ± 1.27 km ± 3.1 km
 RMS: 0.54s GAP: 96.4° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	29	15.53	21.43	323.8	0.051
CUP2	S	29	19.41	21.43	323.8	0.606
LADO	P	29	15.58	25.40	75.3	-0.429
LADO	S	29	19.76	25.40	75.3	0.041
ROI	P	29	17.78	39.74	344.0	-0.913
ROI	S	29	23.67	39.74	344.0	-0.702

27 140619 2131 55.6 - Valle del Mesima
 Lat: 38.62 Lon: 16.23 Prof: 23.0 Km
 ± 0.53 km ± 0.76 km ± 2.2 km
 RMS: 0.38s GAP: 97.7° NR: 34

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	31	0.63	12.81	296.6	0.173
VBL2	S	31	3.65	12.81	296.6	-0.336
SMIN	P	31	3.84	38.95	358.5	0.067
SMIN	S	31	9.06	38.95	358.5	-0.667
CSC2	P	31	9.61	73.74	1.2	0.295
CSC2	S	31	19.81	73.74	1.2	0.492
CNDF	P	31	10.51	76.40	206.1	0.753
CNDF	S	31	19.48	76.40	206.1	-0.607
CUP2	P	31	12.68	88.64	17.4	0.752
CUP2	S	31	23.73	88.64	17.4	-0.120
CET2	P	31	13.31	103.63	346.3	0.046
CET2	S	31	26.00	103.63	346.3	-0.166

28 140619 2131 26.5 - Valle del Mesima
 Lat: 38.67 Lon: 16.12 Prof: 21.0 Km
 ± 1.24 km ± 2.81 km ± 1.5 km
 RMS: 0.27s GAP: 256.8° NR: 9

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	31	30.43	1.71	281.4	-0.015
VBL2	S	31	33.28	1.71	281.4	-0.020
SMIN	P	31	33.71	34.67	14.7	-0.152
SMIN	S	31	38.98	34.67	14.7	-0.237
CSC2	P	31	39.46	69.26	9.4	0.084
CSC2	S	31	49.20	69.26	9.4	0.432
CUP2	P	31	42.46	87.11	24.7	-0.031
CET2	P	31	43.69	96.42	351.2	0.261
CET2	S	31	55.32	96.42	351.2	-0.465

29 140621 0139 46.5 - Marchesato
 Lat: 38.97 Lon: 16.94 Prof: 0.0 Km
 ± 1.78 km ± 1.73 km ± 1.8 km
 RMS: 0.41s GAP: 265.5° NR: 11

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	39	53.29	34.15	3.8	-0.067
LADO	S	39	58.33	34.15	3.8	-0.003
CUP2	P	39	57.29	56.91	322.1	-0.097
CUP2	S	40	5.96	56.91	322.1	0.650
SMIN	P	39	58.98	62.53	269.4	0.714
SMIN	S	40	6.42	62.53	269.4	-0.414

30 140621 1640 08.6 - Catena del Pollino
 Lat: 39.90 Lon: 16.12 Prof: 9.5 Km
 ± 1.08 km ± 0.66 km ± 1.9 km
 RMS: 0.32s GAP: 176.6° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	40	11.21	6.32	251.8	0.134
MMN9	S	40	12.35	6.32	251.8	-0.512
MMN	P	40	11.90	11.30	259.5	0.244
MMN	S	40	13.55	11.30	259.5	-0.310
CET2	P	40	17.23	44.62	198.7	0.002
CET2	S	40	23.00	44.62	198.7	-0.521

31 140622 0220 27.7 - Stretta di Catanzaro
 Lat: 38.92 Lon: 16.52 Prof: 17.1 Km
 ± 0.47 km ± 0.65 km ± 2.1 km
 RMS: 0.35s GAP: 139.2° NR: 36

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	20	33.49	26.01	282.7	0.002
SMIN	S	20	37.61	26.01	282.7	-0.059
MC32	P	20	36.64	47.65	350.0	-0.376
MC32	S	20	43.46	47.65	350.0	-0.322
VBL2	P	20	36.68	45.16	232.5	0.198
VBL2	S	20	42.68	45.16	232.5	-0.177
SCOI	P	20	36.89	46.84	330.7	0.170
SCOI	S	20	43.57	46.84	330.7	0.304
CSC2	P	20	36.89	46.49	330.6	0.220
CSC2	S	20	43.17	46.49	330.6	-0.012
LADO	P	20	38.33	56.53	44.2	-0.017
LADO	S	20	46.78	56.53	44.2	0.695
CUP2	P	20	38.39	51.38	2.4	0.781
CUP2	S	20	44.86	51.38	2.4	0.055
ROI	P	20	40.86	72.36	3.1	-0.468
ROI	S	20	50.86	72.36	3.1	-0.393
TDS	P	20	42.21	83.49	348.9	-0.642
CET2	P	20	42.31	83.32	324.1	-0.391
CET2	S	20	54.29	83.32	324.1	0.665
MMN9	P	20	48.33	115.14	339.4	-0.028
CNDF	P	20	48.52	117.19	209.7	-0.040
CNDF	S	21	3.61	117.19	209.7	-0.161
MMN	P	20	48.56	116.95	337.0	-0.085
MMN	S	21	3.90	116.95	337.0	-0.020

32 140622 0224 32.5 - Serre centro-sett.
 Lat: 38.49 Lon: 16.12 Prof: 18.7 Km
 ± 0.63 km ± 0.87 km ± 2.4 km
 RMS: 0.41s GAP: 89.1° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	24	38.02	19.83	356.7	0.456
VBL2	S	24	41.15	19.83	356.7	-0.072
SMIN	P	24	43.53	53.81	10.0	0.761
SMIN	S	24	50.06	53.81	10.0	-0.173

33 140622 0505 19.5 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.03 Prof: 6.2 Km
 ± 0.67 km ± 0.60 km ± 1.5 km
 RMS: 0.25s GAP: 104.0° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	05	21.15	0.98	80.8	0.173
MMN9	S	05	22.02	0.98	80.8	-0.024
MMN	P	05	21.21	4.14	270.8	0.063
MMN	S	05	22.08	4.14	270.8	-0.265
CET2	P	05	27.56	40.80	190.4	0.256
CET2	S	05	32.86	40.80	190.4	-0.151

34 140622 0742 55.7 - Appennino Lucano
 Lat: 40.50 Lon: 15.97 Prof: 16.4 Km
 ± 0.51 km ± 0.75 km ± 1.6 km
 RMS: 0.28s GAP: 77.9° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	42	21.86	160.60	147.3	-0.178

35 140622 0844 19.3 - Appennino Lucano
 Lat: 40.50 Lon: 15.98 Prof: 11.7 Km
 ± 0.56 km ± 0.72 km ± 2.9 km
 RMS: 0.50s GAP: 47.1° NR: 37

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	44	38.71	107.87	181.6	0.691
CET2	S	44	52.11	107.87	181.6	0.415

36 140622 0906 49.5 - Stretta di Catanzaro
 Lat: 38.91 Lon: 16.52 Prof: 15.3 Km
 ± 0.99 km ± 1.18 km ± 2.4 km
 RMS: 0.42s GAP: 142.6° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	06	55.22	26.53	285.0	0.065
SMIN	S	06	59.28	26.53	285.0	-0.004

37 140622 0923 06.6 - Bacino di Gioia
 Lat: 38.38 Lon: 15.42 Prof: 109.2 Km
 ± 1.78 km ± 2.19 km ± 3.6 km
 RMS: 0.45s GAP: 110.0° NR: 27

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	23	24.13	57.00	138.2	0.134
CNDF	S	23	37.57	57.00	138.2	0.917
VBL2	P	23	24.83	68.00	62.1	-0.149
VBL2	S	23	38.48	68.00	62.1	0.118
SMIN	P	23	26.77	95.96	47.3	-0.515
SMIN	S	23	41.98	95.96	47.3	-0.370
CET2	P	23	30.73	135.24	20.4	0.614
CET2	S	23	48.17	135.24	20.4	0.909

38 140622 1420 40.8 - Marchesato
 Lat: 38.94 Lon: 16.97 Prof: 10.8 Km
 ± 2.08 km ± 2.48 km ± 3.4 km
 RMS: 0.58s GAP: 252.8° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	20	47.97	37.45	0.6	-0.003
LADO	S	20	54.04	37.45	0.6	0.865
SMIN	P	20	53.56	64.44	272.4	0.985
SMIN	S	21	1.91	64.44	272.4	0.774

39 140622 1637 57.7 - G. di S. Eufemia
 Lat: 38.78 Lon: 16.17 Prof: 15.3 Km
 ± 0.50 km ± 1.01 km ± 1.8 km
 RMS: 0.30s GAP: 135.0° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	37	1.73	13.75	205.3	0.152
VBL2	S	37	3.99	13.75	205.3	-0.408
SMIN	P	37	2.52	21.27	12.5	-0.063
SMIN	S	37	6.12	21.27	12.5	-0.023
CET2	P	37	13.09	84.66	347.1	0.150
CET2	S	37	23.36	84.66	347.1	-0.724

40 140622 2003 29.8 - Sila Piccola
 Lat: 39.14 Lon: 16.49 Prof: 24.2 Km
 ± 1.88 km ± 1.65 km ± 3.8 km
 RMS: 0.65s GAP: 106.1° NR: 11

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	03	37.07	29.84	231.1	0.242
SMIN	S	03	41.18	29.84	231.1	-0.727

41 140623 0006 28.1 - Vallo di Diano
 Lat: 40.22 Lon: 16.06 Prof: 9.0 Km
 ± 0.53 km ± 0.50 km ± 1.7 km
 RMS: 0.30s GAP: 111.3° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	06	35.84	37.35	182.1	0.574
MMN9	S	06	40.68	37.35	182.1	0.191

42 140623 0111 13.5 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.08 Prof: 5.1 Km
 ± 0.61 km ± 0.42 km ± 1.4 km
 RMS: 0.30s GAP: 99.1° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	11	15.06	3.16	254.5	0.010
MMN9	S	11	15.87	3.16	254.5	-0.303
MMN	P	11	15.87	8.21	263.4	0.097
MMN	S	11	16.97	8.21	263.4	-0.461
CET2	P	11	22.17	42.67	195.5	0.045
CET2	S	11	28.30	42.67	195.5	-0.125

43 140623 1529 31.1 - Catena del Pollino
 Lat: 39.91 Lon: 16.11 Prof: 6.4 Km
 ± 0.37 km ± 0.34 km ± 1.0 km
 RMS: 0.23s GAP: 86.6° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	29	33.35	6.30	248.3	0.048
MMN9	S	29	34.59	6.30	248.3	-0.300
MMN	P	29	33.98	11.23	257.5	-0.131
MMN	S	29	36.73	11.23	257.5	0.441

44 140623 1540 11.8 - Alto Tirreno Cosentino
 Lat: 39.86 Lon: 16.00 Prof: 4.8 Km
 ± 0.75 km ± 1.02 km ± 2.4 km
 RMS: 0.41s GAP: 120.7° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	40	13.12	3.28	334.1	-0.030
MMN	S	40	14.54	3.28	334.1	0.398
MMN9	P	40	13.14	4.77	50.3	-0.213
MMN9	S	40	14.38	4.77	50.3	-0.116
CET2	P	40	18.78	37.52	187.1	-0.233
CET2	S	40	24.07	37.52	187.1	-0.222

45 140623 1822 55.9 - Catena del Pollino
 Lat: 39.91 Lon: 16.11 Prof: 5.9 Km
 ± 0.53 km ± 0.50 km ± 2.0 km
 RMS: 0.43s GAP: 44.7° NR: 38

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	22	58.11	6.11	242.4	0.147
MMN9	S	22	59.24	6.11	242.4	-0.223
MMN	P	22	58.80	10.92	254.4	0.032
MMN	S	23	1.38	10.92	254.4	0.527
TDS	P	23	2.91	34.46	146.2	0.220
CET2	P	23	4.36	45.25	197.7	-0.497
ROI	P	23	6.75	54.75	134.4	0.149
ROI	S	23	14.29	54.75	134.4	-0.139
CUP2	P	23	9.92	70.04	147.8	0.994
CUP2	S	23	19.36	70.04	147.8	0.901
LADO	P	23	14.76	102.35	133.2	0.388
SMIN	P	23	14.90	105.32	174.7	0.000
SMIN	S	23	28.57	105.32	174.7	-0.229
VBL2	P	23	20.59	138.07	180.3	0.066

46 140623 1908 42.4 - Alto Tirreno Cosentino
 Lat: 39.83 Lon: 16.08 Prof: 0.0 Km
 ± 0.14 km ± 0.47 km ± 0.3 km
 RMS: 0.07s GAP: 221.6° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	08	44.06	7.01	336.6	0.000
MMN9	S	08	45.17	7.01	336.6	-0.044
MMN	P	08	44.73	10.12	308.7	-0.019
MMN	S	08	46.45	10.12	308.7	0.054
CET2	P	08	50.47	35.63	198.2	0.062
CET2	S	08	56.11	35.63	198.2	-0.094

47 140623 2201 45.0 - M. Peloritani
 Lat: 38.07 Lon: 15.13 Prof: 24.8 Km
 ± 1.14 km ± 0.99 km ± 3.1 km
 RMS: 0.53s GAP: 53.8° NR: 24

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	01	57.68	64.12	98.0	0.421
CNDF	S	02	6.74	64.12	98.0	0.563
VBL2	P	02	4.28	107.79	52.6	-0.262
VBL2	S	02	18.46	107.79	52.6	-0.336
SMIN	P	02	7.85	137.73	44.2	-0.945
SMIN	S	02	25.65	137.73	44.2	-0.514

48 140624 2135 54.2 - Maratea - Rotonda
 Lat: 40.01 Lon: 15.90 Prof: 0.3 Km
 ± 0.50 km ± 0.69 km ± 1.5 km
 RMS: 0.33s GAP: 156.4° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	35	57.80	15.42	153.1	0.087
MMN	S	36	0.20	15.42	153.1	-0.030
CET2	P	36	4.69	54.07	176.0	-0.070

49 140624 2341 05.5 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.12 Prof: 7.3 Km
 ± 0.75 km ± 0.48 km ± 1.2 km
 RMS: 0.26s GAP: 127.6° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	41	8.58	11.17	270.8	0.139
MMN	S	41	10.70	11.17	270.8	0.118
CET2	P	41	13.98	42.53	199.8	0.154
CET2	S	41	19.80	42.53	199.8	-0.104

50 140625 0652 14.7 - Offshore Ciro'
 Lat: 39.63 Lon: 16.83 Prof: 24.9 Km
 ± 1.07 km ± 1.19 km ± 1.7 km
 RMS: 0.30s GAP: 218.6° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
ROI	P	52	21.32	23.47	252.4	0.175
ROI	S	52	25.34	23.47	252.4	-0.500
LADO	P	52	23.33	41.00	161.3	-0.015
LADO	S	52	29.47	41.00	161.3	-0.186
CUP2	P	52	23.34	36.96	220.7	0.455
CUP2	S	52	28.95	36.96	220.7	0.093

51 140625 1937 31.9 - Alto Tirreno Cosentino
 Lat: 39.91 Lon: 16.10 Prof: 5.7 Km
 ± 0.46 km ± 0.46 km ± 1.8 km
 RMS: 0.39s GAP: 50.0° NR: 30

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	37	33.89	5.40	247.5	0.059
MMN9	S	37	35.05	5.40	247.5	-0.190
MMN	P	37	35.25	10.33	257.9	0.616
MMN	S	37	36.71	10.33	257.9	0.084
TDS	P	37	39.30	34.07	144.9	0.651
TDS	S	37	44.40	34.07	144.9	0.823
CET2	P	37	40.25	44.40	197.5	-0.489
CET2	S	37	46.39	44.40	197.5	-0.811

52 140625 2048 44.2 - Alto Tirreno Cosentino
 Lat: 39.84 Lon: 16.11 Prof: 2.7 Km
 ± 1.13 km ± 2.34 km ± 1.4 km
 RMS: 0.31s GAP: 248.5° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	48	46.06	7.79	313.3	-0.105
MMN9	S	48	47.22	7.79	313.3	-0.354
MMN	P	48	47.38	11.99	295.9	0.355
MMN	S	48	49.07	11.99	295.9	0.007
CET2	P	48	52.31	37.64	201.8	0.015
CET2	S	48	58.01	37.64	201.8	-0.182

53 140626 0314 51.0 - Alto Tirreno Cosentino
 Lat: 39.90 Lon: 16.12 Prof: 6.3 Km
 ± 0.62 km ± 0.62 km ± 2.1 km
 RMS: 0.48s GAP: 64.0° NR: 25

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	14	54.52	11.55	263.1	0.436
MMN	S	14	56.28	11.55	263.1	-0.018
CET2	P	14	59.40	44.10	199.4	-0.359
CET2	S	15	5.20	44.10	199.4	-0.929
ROI	P	15	1.89	53.00	134.0	0.490
ROI	S	15	8.41	53.00	134.0	-0.553
SMIN	P	15	10.61	103.71	175.1	0.890
SMIN	S	15	23.55	103.71	175.1	0.174

54 140626 0712 00.9 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.12 Prof: 6.4 Km
 ± 0.51 km ± 0.42 km ± 1.2 km
 RMS: 0.26s GAP: 104.8° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	12	3.23	6.32	266.6	0.073
MMN9	S	12	4.38	6.32	266.6	-0.371
MMN	P	12	4.30	11.43	267.6	0.301
MMN	S	12	6.16	11.43	267.6	-0.045
CET2	P	12	9.57	43.22	199.8	0.046
CET2	S	12	15.25	43.22	199.8	-0.527

55 140626 1359 40.7 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.12 Prof: 6.0 Km
 ± 1.03 km ± 0.82 km ± 2.3 km
 RMS: 0.50s GAP: 110.2° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	59	42.68	6.59	277.0	-0.250
MMN9	S	59	43.81	6.59	277.0	-0.690
MMN	P	59	44.55	11.68	273.4	0.753
MMN	S	59	46.51	11.68	273.4	0.508
TDS	P	59	47.88	30.83	144.2	0.944
CET2	P	59	48.79	42.19	200.6	-0.408
CET2	S	59	54.50	42.19	200.6	-0.852

56 140626 1452 46.2 - Alto Tirreno Cosentino
 Lat: 39.84 Lon: 16.15 Prof: 2.5 Km
 ± 3.26 km ± 5.12 km ± 3.2 km
 RMS: 0.71s GAP: 269.6° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	52	48.35	10.46	296.8	-0.304
MMN9	S	52	49.50	10.46	296.8	-0.956
MMN	P	52	50.19	15.17	287.7	0.537
MMN	S	52	52.85	15.17	287.7	0.664
CET2	P	52	54.73	39.71	206.4	0.098
CET2	S	53	0.44	39.71	206.4	-0.367

57 140626 1521 48.4 - M. Nebrodi-Madonie
 Lat: 37.81 Lon: 14.65 Prof: 20.0 Km
 ± 0.52 km ± 0.58 km ± 2.8 km
 RMS: 0.49s GAP: 53.3° NR: 52

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	22	7.06	107.40	79.5	-0.593
CNDF	S	22	22.00	107.40	79.5	0.316
SMIN	P	22	18.17	187.76	47.4	-0.352
SMIN	S	22	40.85	187.76	47.4	0.337

58 140626 1543 44.7 - M. Nebrodi-Madonie
 Lat: 37.76 Lon: 14.60 Prof: 24.1 Km
 ± 0.66 km ± 0.62 km ± 2.8 km
 RMS: 0.49s GAP: 60.2° NR: 48

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	44	4.44	112.99	76.9	0.278
CNDF	S	44	18.00	112.99	76.9	-0.397

59 140626 1813 18.7 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.14 Prof: 6.1 Km
 ± 0.56 km ± 0.58 km ± 1.7 km
 RMS: 0.37s GAP: 104.0° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	13	20.90	7.87	275.5	-0.247
MMN9	S	13	22.26	7.87	275.5	-0.617
MMN	P	13	22.84	12.96	272.9	0.787
MMN	S	13	24.62	12.96	272.9	0.165
CET2	P	13	27.02	42.71	202.2	-0.248
CET2	S	13	32.70	42.71	202.2	-0.781

60 140626 2123 37.8 - Canyon di Stromboli
 Lat: 38.69 Lon: 15.33 Prof: 239.7 Km
 ± 1.17 km ± 1.64 km ± 4.3 km
 RMS: 0.50s GAP: 99.1° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	23	10.02	67.56	92.1	-0.351
VBL2	S	23	34.44	67.56	92.1	0.261
SMIN	P	23	10.51	83.83	68.5	-0.470
SMIN	S	23	34.78	83.83	68.5	-0.439
CNDF	P	23	11.28	89.23	149.4	0.147
CNDF	S	23	36.27	89.23	149.4	0.783
SCOI	P	23	11.50	103.95	50.7	-0.359
SCOI	S	23	36.20	103.95	50.7	-0.550
CET2	P	23	11.82	107.34	30.5	0.481
CET2	S	23	35.74	107.34	30.5	-0.104
MC32	P	23	13.28	119.27	52.9	0.549
MC32	S	23	38.11	119.27	52.9	-0.149
TDS	P	23	14.03	138.10	39.2	0.143
CUP2	P	23	14.10	130.28	54.1	0.754

ROI	P	23	14.73	144.83	47.8	0.489
ROI	S	23	39.95	144.83	47.8	-0.911
MMN9	P	23	14.83	146.88	25.3	0.214
MMN9	S	23	42.45	146.88	25.3	0.927
LADO	P	23	15.05	157.12	65.3	0.180
LADO	S	23	41.63	157.12	65.3	-0.322

61 140627 0058 06.3 - Alto Tirreno Cosentino
 Lat: 39.80 Lon: 15.91 Prof: 44.2 Km
 ± 1.95 km ± 2.94 km ± 4.1 km
 RMS: 0.53s GAP: 146.8° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	58	14.37	15.11	52.8	-0.041
MMN	P	58	15.00	11.39	37.4	0.797
MMN	S	58	19.20	11.39	37.4	-0.730
CET2	P	58	15.52	31.36	173.2	0.591
CET2	S	58	21.27	31.36	173.2	0.080

62 140627 0256 48.2 - M. Nebrodi-Madonie
 Lat: 37.78 Lon: 14.63 Prof: 18.6 Km
 ± 0.67 km ± 0.63 km ± 3.5 km
 RMS: 0.61s GAP: 51.7° NR: 86

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	57	8.08	109.97	77.6	0.216
CNDF	S	57	22.70	109.97	77.6	0.461
CSC2	P	57	21.68	218.79	40.7	-0.699
CSC2	S	57	47.81	218.79	40.7	0.436
CET2	P	57	22.04	225.36	31.1	0.799
CET2	S	57	45.47	225.36	31.1	0.064
SCOI	P	57	22.41	218.96	40.6	0.016
SCOI	S	57	48.13	218.96	40.6	0.727
CUP2	P	57	25.40	243.59	43.5	0.208
CUP2	S	57	53.00	243.59	43.5	0.747
TDS	P	57	26.25	255.58	35.8	0.000
MMN9	P	57	27.10	264.50	28.2	0.000
MMN9	S	58	-0.44	264.50	28.2	0.000
ROI	P	57	27.36	260.30	40.6	0.000
ROI	S	58	-0.24	260.30	40.6	0.000

63 140627 2030 12.5 - Milazzo
 Lat: 38.26 Lon: 15.44 Prof: 131.1 Km
 ± 2.22 km ± 1.83 km ± 3.4 km
 RMS: 0.41s GAP: 90.3° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	30	39.18	147.12	17.9	0.461
CET2	S	30	58.14	147.12	17.9	0.231

64 140628 0028 12.0 - Catena del Pollino
 Lat: 39.91 Lon: 16.11 Prof: 9.8 Km
 ± 0.66 km ± 0.70 km ± 2.8 km
 RMS: 0.48s GAP: 50.8° NR: 31

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	28	14.32	5.95	248.9	-0.205
MMN9	S	28	15.46	5.95	248.9	-0.854
CET2	P	28	20.52	44.64	198.1	-0.166
CET2	S	28	26.19	44.64	198.1	-0.797

65 140628 0058 36.0 - Bacino di Gioia
 Lat: 38.43 Lon: 15.53 Prof: 134.7 Km
 ± 1.99 km ± 2.51 km ± 4.3 km
 RMS: 0.52s GAP: 113.0° NR: 41

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	58	55.95	56.99	62.3	-0.277
VBL2	S	59	10.12	56.99	62.3	-0.860
CNDF	P	58	56.20	55.62	149.4	0.237
CNDF	S	59	11.16	55.62	149.4	0.634
SMIN	P	58	57.46	85.30	45.6	-0.542
CET2	P	59	0.96	127.08	17.1	0.365
CET2	S	59	18.59	127.08	17.1	0.046
CUP2	P	59	2.85	137.56	40.0	0.555
ROI	P	59	4.91	155.17	35.6	0.883
ROI	S	59	25.36	155.17	35.6	0.870

66 140628 0112 47.5 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.07 Prof: 8.1 Km
 ± 1.24 km ± 1.40 km ± 2.8 km
 RMS: 0.47s GAP: 153.1° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	12	49.13	1.72	264.4	-0.137
MMN9	S	12	49.83	1.72	264.4	-0.733
MMN	P	12	50.65	6.82	267.8	0.850
MMN	S	12	51.48	6.82	267.8	0.000
CET2	P	12	55.50	41.68	193.9	-0.067
CET2	S	13	0.70	41.68	193.9	-0.775

67 140628 0705 33.6 - Maratea - Rotonda
 Lat: 39.92 Lon: 16.10 Prof: 7.3 Km
 ± 1.13 km ± 1.08 km ± 3.5 km
 RMS: 0.78s GAP: 54.1° NR: 23

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	05	35.36	5.52	231.9	-0.406
MMN9	S	05	36.44	5.52	231.9	-0.912
TDS	P	05	40.95	35.54	145.3	0.545
CET2	P	05	41.55	45.50	196.2	-0.862
ROI	P	05	45.04	55.92	134.1	0.730
ROI	S	05	52.42	55.92	134.1	0.275

68 140628 0855 57.7 - Alto Tirreno Cosentino
 Lat: 39.87 Lon: 16.13 Prof: 5.0 Km
 ± 1.41 km ± 1.51 km ± 3.3 km
 RMS: 0.74s GAP: 124.9° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	55	14.63	7.73	280.9	-0.168
MMN9	S	55	15.75	7.73	280.9	-0.647
CET2	P	55	20.92	41.95	202.3	-0.198
CET2	S	55	26.43	41.95	202.3	-0.908

69 140628 1653 23.4 - Canyon di Stromboli
 Lat: 38.44 Lon: 15.27 Prof: 128.2 Km
 ± 2.57 km ± 2.34 km ± 3.1 km
 RMS: 0.39s GAP: 186.6° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	53	43.69	70.82	133.9	0.141
CNDF	S	53	58.52	70.82	133.9	0.269

70 140629 0025 31.1 - Aspromonte
 Lat: 38.20 Lon: 15.87 Prof: 12.9 Km
 ± 0.45 km ± 0.44 km ± 1.5 km
 RMS: 0.27s GAP: 96.2° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	25	36.09	22.49	183.9	0.208
CNDF	S	25	39.28	22.49	183.9	-0.088

71 140629 0253 35.3 - Catena del Pollino
 Lat: 39.89 Lon: 16.16 Prof: 7.8 Km
 ± 1.07 km ± 0.99 km ± 3.2 km
 RMS: 0.71s GAP: 100.2° NR: 24

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	53	37.60	9.53	265.6	-0.429
CET2	P	53	43.76	44.73	203.5	-0.195
CET2	S	53	49.33	44.73	203.5	-0.930

72 140629 0424 29.0 - G. di Policastro
 Lat: 39.93 Lon: 15.62 Prof: 9.7 Km
 ± 0.67 km ± 1.08 km ± 3.6 km
 RMS: 0.55s GAP: 133.1° NR: 63

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	24	35.84	36.90	97.5	-0.605
MMN9	S	24	41.07	36.90	97.5	-0.818
CET2	P	24	38.92	53.23	147.9	0.468
CET2	S	24	45.26	53.23	147.9	-0.108
SCOI	P	24	44.77	89.93	142.9	0.061
SCOI	S	24	56.06	89.93	142.9	-0.142
CSC2	P	24	44.77	90.26	143.0	0.008
CSC2	S	24	55.91	90.26	143.0	-0.385
MC32	P	24	44.88	95.18	133.6	-0.402

MC32	S	24	57.50	95.18	133.6	0.299
ROI	P	24	44.99	90.57	116.4	0.235
ROI	S	24	56.27	90.57	116.4	-0.011
CUP2	P	24	46.17	100.24	127.7	0.232
CUP2	S	24	59.06	100.24	127.7	0.725
SMIN	P	24	48.92	118.74	154.1	0.251
VBL2	P	24	52.03	146.02	163.6	-0.251
VBL2	S	25	9.17	146.02	163.6	-0.150
CNDF	P	25	0.92	215.28	174.9	0.094
CNDF	S	25	24.74	215.28	174.9	0.617

73 140629 0514 45.0 - G. di Policastro
 Lat: 39.93 Lon: 15.63 Prof: 7.5 Km
 ± 1.38 km ± 1.47 km ± 4.2 km
 RMS: 0.73s GAP: 158.5° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	14	54.45	52.72	148.6	0.030
CET2	S	15	1.29	52.72	148.6	-0.016

74 140629 0543 56.1 - G. di Policastro
 Lat: 39.92 Lon: 15.60 Prof: 7.7 Km
 ± 0.81 km ± 1.09 km ± 4.1 km
 RMS: 0.70s GAP: 112.1° NR: 46

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	43	5.73	52.77	146.0	0.141
CET2	S	43	13.24	52.77	146.0	0.766
TDS	P	43	7.62	68.90	115.2	-0.948
TDS	S	43	17.36	68.90	115.2	-0.272

75 140629 1648 02.9 - Alto Tirreno Cosentino
 Lat: 39.81 Lon: 16.21 Prof: 13.8 Km
 ± 1.71 km ± 1.99 km ± 3.3 km
 RMS: 0.57s GAP: 209.6° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	48	6.09	16.22	299.8	-0.964
MMN9	S	48	10.38	16.22	299.8	0.299
TDS	P	48	7.70	20.62	149.4	0.169
MMN	P	48	8.61	20.77	292.6	0.946
MMN	S	48	10.68	20.77	292.6	-0.455
CET2	P	48	10.52	39.23	214.8	-0.215
CET2	S	48	16.45	39.23	214.8	-0.002

76 140630 1605 15.9 - Catena del Pollino
 Lat: 39.88 Lon: 16.25 Prof: 8.0 Km
 ± 0.69 km ± 0.43 km ± 0.7 km
 RMS: 0.16s GAP: 169.2° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
TDS	P	05	20.99	25.73	163.8	-0.039

77 140630 1711 28.5 - Maratea - Rotonda
 Lat: 39.90 Lon: 16.02 Prof: 16.5 Km
 ± 1.59 km ± 1.67 km ± 3.7 km
 RMS: 0.64s GAP: 90.5° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	11	37.08	42.32	187.8	0.150
CET2	S	11	42.73	42.32	187.8	-0.333