



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

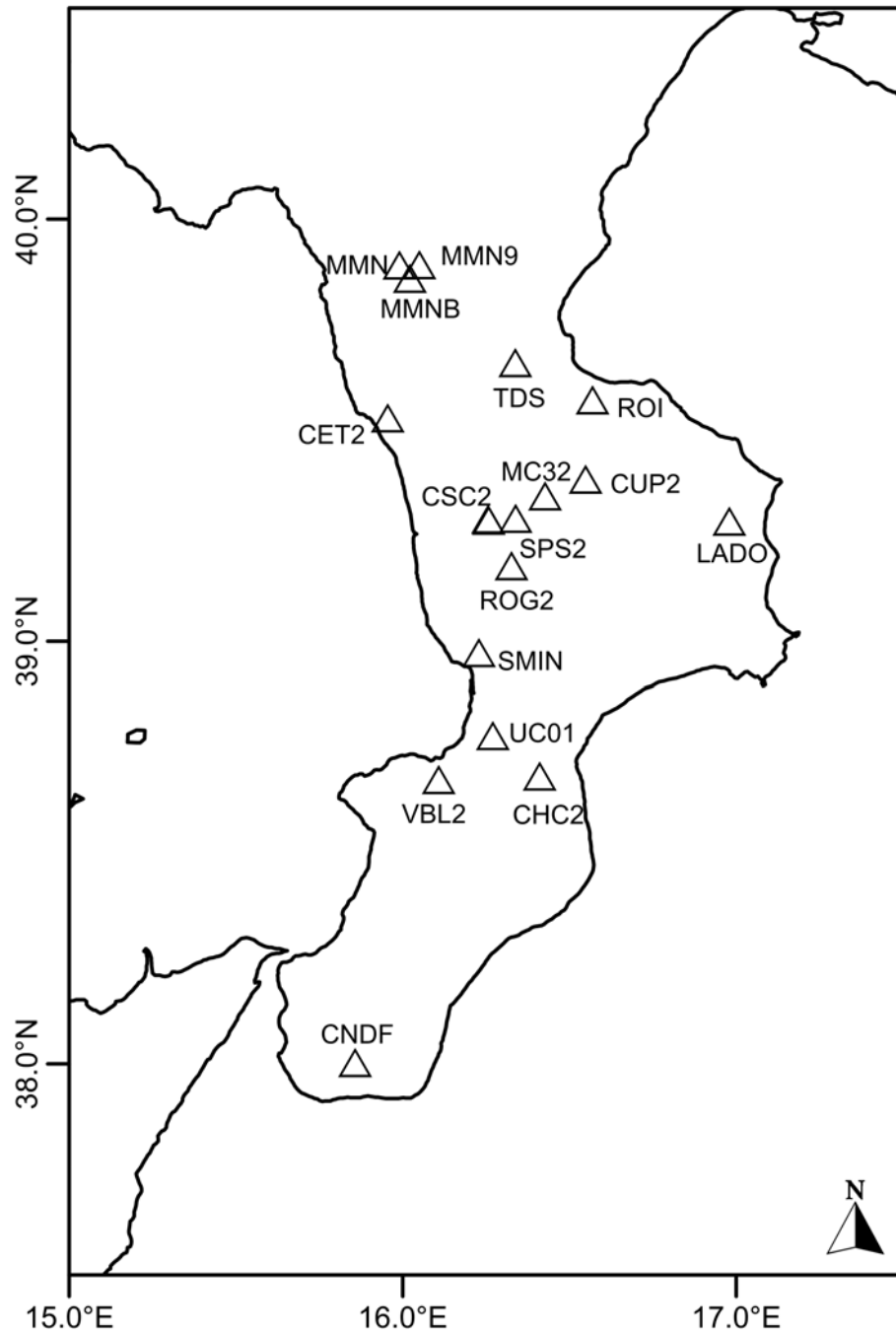
E

DELLE AREE CIRCOSTANTI

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

Periodo 01-15 Novembre 2015

Distribuzione delle stazioni della Rete Sismica UniCal – Pon MASSIMO



Toponomastica delle aree epicentrali



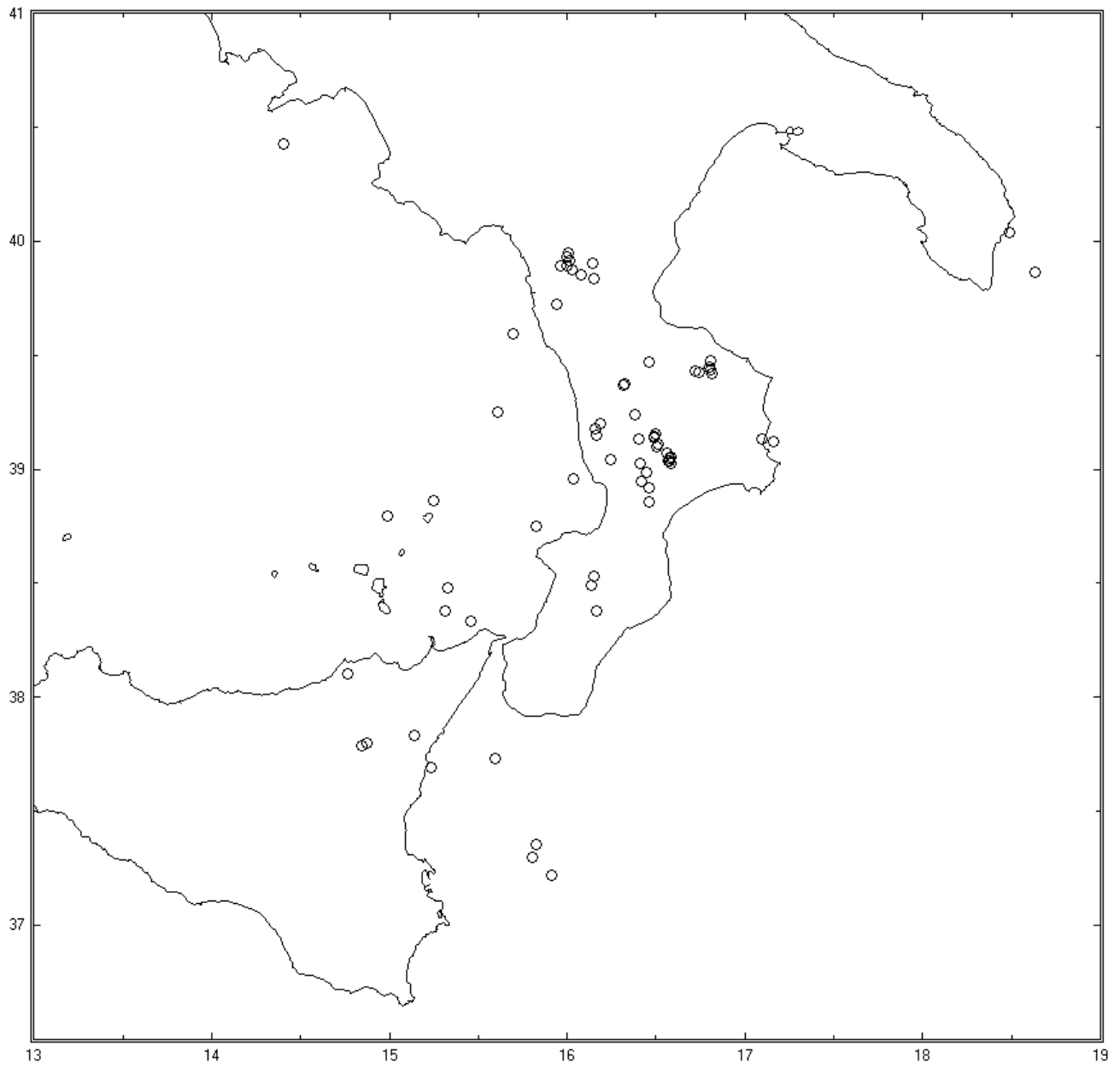
1 Murge	19 Piana di Sibari	37 Offshore Punta Stilo	55 Milazzo
2 Penisola Salentina	20 Valle dell'Esaro	38 Punta Stilo	56 Monti Peloritani
3 Piana del Bradano e del Basento	21 Catena del Pollino	39 Serre centro-settentrionali	57 Stretto di Messina
4 Golfo di Taranto	22 Marate - Rotonda	40 Valle del Mesima	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
151101	0007	5.2	39.0507	16.5767	0.0		0.88	0.51	1.55	15	154	0.35	0.13
151101	0141	4.3	39.0528	16.5813	0.0		0.94	0.54	1.68	14	152	0.37	0.13
151101	0207	13.2	39.0353	16.5775	0.0	1.6	0.70	0.64	1.58	17	158	0.35	0.12
151101	0252	34.5	39.0285	16.5827	1.3	1.6	0.53	0.58	1.63	29	140	0.36	0.10
151101	0259	14.0	39.0359	16.5720	0.0	1.5	0.60	0.56	1.51	22	156	0.34	0.11
151101	0314	32.8	39.0355	16.5714	0.0	2.0	0.45	0.57	1.64	31	138	0.37	0.09
151101	0334	53.9	39.0347	16.5728	0.0		1.42	0.82	1.96	15	205	0.44	0.23
151102	0434	57.1	39.7216	15.9407	32.7	1.3	1.44	5.19	3.81	12	155	0.49	0.18
151102	0524	4.3	39.0716	16.5627	1.8		2.49	1.41	3.19	10	192	0.71	0.34
151102	2011	56.6	39.3718	16.3140	16.5		1.03	0.81	2.15	12	134	0.37	0.13
151103	0004	7.8	39.8923	15.9992	2.7		16.03	2.29	2.55	6	192	0.57	0.42
151103	0016	19.9	39.1395	16.4917	18.1	1.6	0.39	0.55	2.08	38	59	0.36	0.07
151103	1051	21.6	39.3777	16.3227	19.6	2.0	0.48	0.62	2.44	39	84	0.42	0.07
151103	1512	24.7	39.4252	16.7429	22.3	1.0	1.20	1.27	3.30	18	85	0.57	0.16
151103	1607	32.2	39.4381	16.8060	24.0	1.4	0.80	0.80	2.22	25	129	0.34	0.12
151103	1742	39.5	39.4192	16.8149	21.4		1.45	1.40	2.75	12	136	0.47	0.20
151103	1915	22.1	39.4769	16.8077	30.5	1.0	1.27	1.46	3.07	17	108	0.47	0.16
151103	2245	0.3	39.4327	16.7204	19.6		1.75	2.48	3.11	8	164	0.54	0.25
151104	0051	28.9	39.1418	16.4865	19.4	1.1	0.48	0.57	1.84	24	59	0.32	0.07
151104	0114	54.0	39.2389	16.3790	6.6		0.24	0.25	0.41	8	199	0.07	0.04
151104	0253	58.6	39.4489	16.8017	22.1	1.1	0.90	1.05	2.43	23	123	0.42	0.14
151104	1503	0.0	38.4807	15.3269	129.9	2.0	2.26	1.67	2.92	28	74	0.36	0.09
151104	2245	36.0	38.9164	16.4612	8.4		1.51	0.95	1.87	8	179	0.32	0.15
151105	0542	38.6	37.8002	14.8759	23.9	2.4	0.72	0.89	3.20	43	55	0.55	0.09
151105	0558	6.1	37.7884	14.8451	18.5	2.3	0.67	0.84	2.78	26	73	0.48	0.11
151105	1211	52.7	39.1219	17.1591	5.1	2.1	1.04	1.89	3.30	27	256	0.57	0.36
151105	1822	1.0	38.9858	16.4432	11.5	1.1	1.37	1.06	3.81	20	153	0.66	0.21
151105	1927	39.7	37.7293	15.5950	32.1	2.0	0.59	0.65	2.28	43	150	0.35	0.08
151106	1044	49.9	39.1998	16.1886	13.5	1.3	0.92	1.12	2.86	22	129	0.49	0.15
151107	1602	31.9	39.1116	16.5087	17.8	0.9	1.11	0.92	3.29	19	66	0.57	0.13
151107	2236	5.7	37.3540	15.8232	23.0	3.5	0.98	0.87	2.96	131	199	0.51	0.15
151107	2242	26.0	37.2168	15.9109	23.7	2.0	1.57	1.87	3.31	42	215	0.51	0.26
151108	0023	43.5	39.9021	16.1416	0.0		4.39	2.08	2.11	6	244	0.47	0.71
151108	1222	45.4	37.2954	15.8015	21.1	2.5	1.56	1.62	3.30	53	203	0.57	0.25
151109	0057	32.0	38.8555	16.4629	12.9	1.7	0.45	0.68	1.76	22	138	0.30	0.08
151109	0755	14.4	38.3330	15.4583	123.0	2.5	1.56	2.07	3.86	36	131	0.48	0.11
151109	1425	59.2	38.9466	16.4180	14.3		0.48	0.15	0.23	6	213	0.04	0.04
151109	1955	16.1	39.9338	15.9964	3.1		0.60	0.61	0.95	8	201	0.16	0.10
151110	0004	20.9	38.3778	15.3131	84.4		6.43	8.86	6.30	6	291	0.79	0.96
151110	0029	25.6	39.8363	16.1493	3.1		0.40	0.57	0.85	10	201	0.19	0.10
151110	0033	35.2	38.3787	16.1640	22.3	1.0	1.09	1.73	3.46	15	124	0.60	0.15
151110	1711	8.6	39.8932	15.9655	0.8		7.00	2.95	2.27	6	342	0.50	0.76
151110	1750	58.3	39.8641	18.6286	34.4	3.2	1.91	2.52	4.80	56	282	0.62	0.36
151110	2255	2.7	39.5924	15.6964	276.5	2.6	1.92	3.39	3.89	44	128	0.45	0.09
151111	0039	46.1	38.7489	15.8221	50.8	2.0	0.52	0.78	3.45	70	69	0.43	0.06
151111	0106	14.5	39.0284	16.4115	15.5	0.9	0.74	0.57	1.65	16	160	0.28	0.11
151111	0406	24.6	38.9593	16.0381	13.2		0.23	0.27	0.20	6	320	0.03	0.04
151111	1339	4.8	38.1011	14.7643	134.7	2.3	2.54	1.47	4.00	38	80	0.50	0.10
151111	1727	59.0	39.1536	16.4957	0.8		0.40	0.19	0.31	6	213	0.07	0.05
151111	2014	53.8	39.8519	16.0750	6.0	1.3	0.89	1.09	1.73	17	133	0.38	0.12
151111	2034	56.2	40.0392	18.4911	27.3		10.85	7.31	3.00	10	347	0.46	0.67
151111	2222	56.3	39.1310	16.4047	3.4	0.8	0.83	0.71	2.59	16	107	0.45	0.13
151112	0028	57.6	39.9163	16.0144	1.7		1.26	3.45	1.76	6	276	0.39	0.60
151112	0157	55.5	39.4689	16.4575	14.8	0.6	0.49	0.54	1.44	17	98	0.25	0.06
151112	0622	34.8	39.8761	16.0257	8.4	1.5	0.70	0.83	2.43	26	104	0.42	0.11
151112	0830	42.2	40.4267	14.4029	55.0		7.64	7.29	4.93	10	336	0.62	0.94
151112	1054	8.6	39.1806	16.1603	5.0		1.43	2.53	3.12	8	231	0.54	0.43
151112	1056	52.8	39.1480	16.1677	0.0		0.73	0.95	0.80	6	300	0.18	0.25
151112	1633	27.4	39.9499	16.0047	0.4		0.30	0.29	0.34	6	221	0.08	0.06

Data	Orario		Lat N	LON E	H₀	m	δlat	δlon	δH₀	nr	GAP	sqm	δT₀
Aammgg	hhmm	ss.s	°	°	km		km	km	km		°	sec	sec
151112	2256	37.1	38.8614	15.2450	272.3	2.9	2.03	2.25	3.73	65	140	0.43	0.09
151113	0012	20.3	39.1332	17.0932	0.0		0.80	1.34	0.96	8	283	0.21	0.27
151113	0411	38.8	38.5323	16.1496	4.8		0.41	0.27	0.64	6	179	0.11	0.05
151113	0414	5.0	38.5293	16.1481	4.7		0.47	0.32	0.74	6	181	0.13	0.06
151113	1448	28.4	38.4921	16.1336	15.5	1.4	0.55	0.68	2.09	24	88	0.36	0.07
151113	1949	12.3	39.0454	16.2445	66.4	1.7	1.18	1.45	4.12	28	82	0.52	0.10
151113	2024	54.7	38.7951	14.9878	291.3	3.1	1.95	1.97	4.01	77	128	0.47	0.08
151114	0416	17.7	37.6937	15.2371	14.3	1.9	0.63	1.16	3.00	29	124	0.52	0.10
151115	0127	15.3	39.0983	16.5069	12.8	1.2	0.50	0.51	2.11	29	71	0.36	0.08
151115	0706	18.9	37.8327	15.1418	0.0	2.1	5.56	4.26	3.85	8	307	0.86	1.03
151115	1940	14.2	39.2494	15.6116	245.0	2.2	2.34	3.36	4.14	36	117	0.48	0.11

Epicentri localizzati nel periodo di riferimento



BOLLETTINO

1 151101 0007 05.2 - Sila Piccola
 Lat: 39.05 Lon: 16.57 Prof: 0.0 Km
 ± 0.88 km ± 0.51 km ± 1.6 km
 RMS: 0.35s GAP: 154.6° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	07	10.55	25.90	303.0	-0.085
ROG2	S	07	14.45	25.90	303.0	-0.136
SPS2	P	07	11.87	33.68	322.2	-0.105
SPS2	S	07	16.51	33.68	322.2	-0.397
SMIN	P	07	11.98	31.39	253.9	0.402
SMIN	S	07	16.08	31.39	253.9	-0.137
CUP2	P	07	12.64	37.02	356.0	0.002
CUP2	S	07	18.50	37.02	356.0	0.447
LADO	P	07	13.51	43.37	53.0	-0.117
LADO	S	07	20.72	43.37	53.0	0.953

2 151101 0141 04.3 - Sila Piccola
 Lat: 39.05 Lon: 16.58 Prof: 0.0 Km
 ± 0.94 km ± 0.54 km ± 1.7 km
 RMS: 0.37s GAP: 152.6° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	41	9.65	26.11	302.1	-0.105
ROG2	S	41	13.79	26.11	302.1	0.058
SPS2	P	41	10.81	33.75	321.5	-0.260
SPS2	S	41	15.51	33.75	321.5	-0.499
SMIN	P	41	11.14	31.84	253.7	0.401
SMIN	S	41	15.27	31.84	253.7	-0.165
CUP2	P	41	11.96	36.82	355.3	0.273
CUP2	S	41	17.43	36.82	355.3	0.353
LADO	P	41	12.78	42.91	52.9	0.148
LADO	S	41	19.55	42.91	52.9	0.836

3 151101 0207 13.1 - Sila Piccola
 Lat: 39.03 Lon: 16.57 Prof: 0.0 Km
 ± 0.70 km ± 0.64 km ± 1.6 km
 RMS: 0.35s GAP: 158.0° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	07	18.73	26.93	306.0	-0.013
ROG2	S	07	22.62	26.93	306.0	-0.203
SMIN	P	07	19.50	31.03	257.0	0.055
SMIN	S	07	24.44	31.03	257.0	0.400
SPS2	P	07	20.00	35.10	323.9	-0.149
SPS2	S	07	24.64	35.10	323.9	-0.618
CUP2	P	07	20.80	38.73	356.0	-0.063
CUP2	S	07	26.67	38.73	356.0	0.175
LADO	P	07	21.93	44.37	51.2	0.201
LADO	S	07	28.92	44.37	51.2	0.926

4 151101 0252 34.4 - Sila Piccola
 Lat: 39.02 Lon: 16.58 Prof: 1.3 Km
 ± 0.53 km ± 0.58 km ± 1.6 km
 RMS: 0.36s GAP: 140.8° NR: 29

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	52	39.90	27.75	306.7	-0.093
ROG2	S	52	43.81	27.75	306.7	-0.232
SMIN	P	52	40.50	31.32	258.5	-0.104
SMIN	S	52	45.45	31.32	258.5	0.349
SPS2	P	52	41.12	35.97	324.0	-0.290
SPS2	S	52	45.81	35.97	324.0	-0.686
CUP2	P	52	41.79	39.52	355.5	-0.318
CUP2	S	52	47.54	39.52	355.5	-0.166
CSC2	P	52	42.39	40.09	315.4	0.305
CSC2	S	52	47.68	40.09	315.4	0.015
SCOI	P	52	42.41	40.41	315.6	0.276
SCOI	S	52	47.75	40.41	315.6	0.000
LADO	P	52	43.10	44.49	50.1	0.238
LADO	S	52	50.00	44.49	50.1	0.990
TDS	P	52	48.38	73.17	343.1	0.605
TDS	S	52	57.67	73.17	343.1	0.150
MMNB	P	52	53.82	102.08	338.7	0.318
MMNB	S	53	7.89	102.08	338.7	0.451

5 151101 0259 13.9 - Sila Piccola
 Lat: 39.03 Lon: 16.57 Prof: 0.0 Km
 ± 0.60 km ± 0.56 km ± 1.5 km
 RMS: 0.34s GAP: 156.6° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	59	19.46	26.51	306.5	0.002
ROG2	S	59	23.38	26.51	306.5	-0.104
SMIN	P	59	20.08	30.58	256.7	-0.075
SMIN	S	59	24.65	30.58	256.7	-0.043
SPS2	P	59	20.77	34.76	324.4	-0.109
SPS2	S	59	25.51	34.76	324.4	-0.437
CUP2	P	59	21.46	38.64	356.7	-0.174
CUP2	S	59	27.10	38.64	356.7	-0.154
CSC2	P	59	21.99	38.86	315.6	0.442
CSC2	S	59	27.51	38.86	315.6	0.404
LADO	P	59	22.76	44.70	51.6	0.186
LADO	S	59	29.86	44.70	51.6	0.978

6 151101 0314 32.8 - Sila Piccola
 Lat: 39.03 Lon: 16.57 Prof: 0.0 Km
 ± 0.45 km ± 0.57 km ± 1.6 km
 RMS: 0.37s GAP: 138.3° NR: 31

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	14	38.36	26.50	306.6	0.046
ROG2	S	14	42.17	26.50	306.6	-0.170
SMIN	P	14	38.91	30.53	256.8	-0.094
SMIN	S	14	43.92	30.53	256.8	0.385
SPS2	P	14	39.51	34.77	324.5	-0.229
SPS2	S	14	44.25	34.77	324.5	-0.558
CUP2	P	14	40.26	38.68	356.8	-0.240
CUP2	S	14	45.91	38.68	356.8	-0.215
UC01	P	14	40.40	38.78	222.2	-0.251
UC01	S	14	46.25	38.78	222.2	-0.137
SCOI	P	14	40.84	39.18	315.9	0.383
SCOI	S	14	46.11	39.18	315.9	0.059
CSC2	P	14	40.85	38.86	315.7	0.442
CSC2	S	14	46.24	38.86	315.7	0.275
LADO	P	14	41.52	44.76	51.6	0.076
LADO	S	14	48.70	44.76	51.6	0.940
TDS	P	14	46.28	72.15	343.6	0.145
TDS	S	14	56.11	72.15	343.6	0.226

7 151101 0334 53.9 - Sila Piccola
 Lat: 39.03 Lon: 16.57 Prof: 0.0 Km
 ± 1.42 km ± 0.82 km ± 2.0 km
 RMS: 0.44s GAP: 205.5° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	34	59.43	26.64	306.6	0.005
ROG2	S	35	3.39	26.64	306.6	-0.078
SMIN	P	35	0.00	30.62	257.0	-0.106
SMIN	S	35	4.94	30.62	257.0	0.291
SPS2	P	35	.69	34.91	324.5	-0.158
SPS2	S	35	5.34	34.91	324.5	-0.593
CUP2	P	35	1.31	38.77	356.6	-0.291
CUP2	S	35	8.01	38.77	356.6	0.772
SCOI	P	35	1.93	39.32	315.8	0.363
SCOI	S	35	7.38	39.32	315.8	0.202
LADO	P	35	2.76	44.72	51.4	0.238
LADO	S	35	9.81	44.72	51.4	0.977

8 151102 0434 57.0 - Alto Tirreno Cosentino
 Lat: 39.72 Lon: 15.94 Prof: 32.7 Km
 ± 1.44 km ± 5.19 km ± 3.8 km
 RMS: 0.49s GAP: 156.0° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	35	4.27	19.26	13.0	0.826
MMN	S	35	7.21	19.26	13.0	-0.889
SPS2	P	35	7.91	58.80	144.5	-0.081

9 151102 0524 04.2 - Sila Piccola
 Lat: 39.07 Lon: 16.56 Prof: 1.8 Km
 ± 2.49 km ± 1.41 km ± 3.2 km
 RMS: 0.71s GAP: 192.7° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	24	8.78	23.65	299.9	-0.212
ROG2	S	24	12.60	23.65	299.9	0.128
SMIN	P	24	10.89	30.96	249.2	0.643
SMIN	S	24	13.93	30.96	249.2	-0.718
LADO	P	24	12.90	43.03	56.4	0.586
LADO	S	24	19.20	43.03	56.4	0.974

10 151102 2011 56.6 - Valle del Crati
 Lat: 39.37 Lon: 16.31 Prof: 16.5 Km
 ± 1.03 km ± 0.81 km ± 2.2 km
 RMS: 0.37s GAP: 134.1° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	12	1.46	20.21	86.2	-0.106
CUP2	S	12	4.97	20.21	86.2	-0.203
ROG2	P	12	2.04	21.50	177.2	0.401
ROG2	S	12	5.25	21.50	177.2	-0.045
CET2	P	12	4.09	35.50	299.5	0.185
CET2	S	12	8.84	35.50	299.5	-0.391

11 151103 0004 07.8 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 15.99 Prof: 2.7 Km
 ±16.03 km ± 2.29 km ± 2.6 km
 RMS: 0.57s GAP: 192.5° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN1	P	04	8.06	1.04	235.5	-0.581
MMN1	S	04	8.89	1.04	235.5	-0.369
MMN	P	04	8.90	.75	258.2	0.289
MMN	S	04	9.88	.75	258.2	0.674
MMN9	P	04	9.00	4.37	90.7	-0.077
MMN9	S	04	10.03	4.37	90.7	0.017

12 151103 0016 19.8 - Sila Piccola
 Lat: 39.13 Lon: 16.49 Prof: 18.1 Km
 ± 0.39 km ± 0.55 km ± 2.1 km
 RMS: 0.36s GAP: 59.5° NR: 38

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	16	24.29	14.95	286.7	0.060
ROG2	S	16	27.01	14.95	286.7	-0.404
SPS2	P	16	25.02	21.38	321.8	-0.003
SPS2	S	16	28.43	21.38	321.8	-0.360
CSC2	P	16	25.62	25.95	308.8	0.004
CSC2	S	16	29.99	25.95	308.8	0.174
SCOI	P	16	25.65	26.25	309.2	-0.002
SCOI	S	16	30.14	26.25	309.2	0.261
CUP2	P	16	26.10	27.51	10.0	0.108
CUP2	S	16	31.35	27.51	10.0	0.883
SMIN	P	16	26.27	29.35	230.9	0.114
SMIN	S	16	30.86	29.35	230.9	0.109
UC01	P	16	28.73	44.55	205.4	0.077
UC01	S	16	34.84	44.55	205.4	-0.234
TDS	P	16	30.11	59.23	346.9	-0.788
TDS	S	16	39.56	59.23	346.9	0.596
CET2	P	16	31.52	63.34	313.0	-0.214
CET2	S	16	40.49	63.34	313.0	0.077

13 151103 1051 21.5 - Valle del Crati
 Lat: 39.37 Lon: 16.32 Prof: 19.6 Km
 ± 0.48 km ± 0.62 km ± 2.4 km
 RMS: 0.42s GAP: 84.9° NR: 39

STN	PHASE	MN	SEC	DIST	AZM	RES
SCOI	P	51	25.91	11.35	210.1	0.185
SCOI	S	51	28.33	11.35	210.1	-0.421
CSC2	P	51	25.94	11.58	208.8	0.188
CSC2	S	51	28.75	11.58	208.8	-0.053
ROG2	P	51	26.63	22.13	179.2	-0.370
ROG2	S	51	30.65	22.13	179.2	-0.312
CUP2	P	51	26.92	19.43	88.0	0.154
CUP2	S	51	30.31	19.43	88.0	-0.247
TDS	P	51	28.09	31.30	2.2	-0.139
TDS	S	51	33.48	31.30	2.2	0.388
CET2	P	51	29.36	35.84	298.0	0.234
CET2	S	51	34.38	35.84	298.0	-0.264
MMNB	P	51	32.18	58.24	345.6	-0.843
MMNB	S	51	41.70	58.24	345.6	0.305
LADO	P	51	32.28	57.56	100.2	-0.154
LADO	S	51	40.82	57.56	100.2	0.444
MMN	P	51	33.10	63.70	333.5	-0.406
MMN	S	51	43.19	63.70	333.5	0.957

14 151103 1512 24.7 - Sila Grande
 Lat: 39.42 Lon: 16.74 Prof: 22.3 Km
 ± 1.20 km ± 1.27 km ± 3.3 km
 RMS: 0.57s GAP: 85.8° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	12	30.42	25.71	127.2	-0.469
LADO	S	12	34.48	25.71	127.2	-0.919
ROI	P	12	30.77	22.09	317.2	0.165
ROI	S	12	35.23	22.09	317.2	0.327
SPS2	P	12	32.16	37.88	246.7	-0.489
SPS2	S	12	37.49	37.88	246.7	-0.956
TDS	P	12	33.25	43.49	306.5	-0.202
TDS	S	12	40.50	43.49	306.5	0.665

15 151103 1607 32.2 - Presila nord-or.
 Lat: 39.43 Lon: 16.80 Prof: 24.0 Km
 ± 0.80 km ± 0.80 km ± 2.2 km
 RMS: 0.34s GAP: 129.6° NR: 25

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	07	38.26	22.71	138.5	0.050
LADO	S	07	42.11	22.71	138.5	-0.454
CUP2	P	07	38.51	23.02	254.4	0.119
CUP2	S	07	43.36	23.02	254.4	0.483
ROI	P	07	38.61	25.20	305.8	-0.093
ROI	S	07	43.50	25.20	305.8	0.081
SPS2	P	07	40.85	43.45	247.7	-0.275
SPS2	S	07	47.68	43.45	247.7	0.063
TDS	P	07	41.17	47.19	301.2	-0.471
TDS	S	07	48.02	47.19	301.2	-0.487
ROG2	P	07	42.33	50.45	234.9	0.121
ROG2	S	07	49.37	50.45	234.9	-0.119
CET2	P	07	45.64	73.94	277.7	0.359
CET2	S	07	55.70	73.94	277.7	0.886

16 151103 1742 39.5 - Presila nord-or.
 Lat: 39.41 Lon: 16.81 Prof: 21.4 Km
 ± 1.45 km ± 1.40 km ± 2.7 km
 RMS: 0.47s GAP: 136.0° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	42	44.83	20.64	136.2	-0.099
LADO	S	42	48.72	20.64	136.2	-0.167
CUP2	P	42	45.09	23.32	259.9	-0.309
CUP2	S	42	49.87	23.32	259.9	0.167
ROG2	P	42	50.04	49.94	237.4	0.788
ROG2	S	42	55.46	49.94	237.4	-0.914

17 151103 1915 22.1 - Presila nord-or.
 Lat: 39.47 Lon: 16.80 Prof: 30.5 Km
 ± 1.27 km ± 1.46 km ± 3.1 km
 RMS: 0.47s GAP: 108.0° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	15	29.28	26.02	145.0	0.129
LADO	S	15	33.64	26.02	145.0	-0.634
CUP2	P	15	29.59	24.63	244.8	0.432
CUP2	S	15	34.02	24.63	244.8	-0.276
ROI	P	15	29.59	23.05	296.9	0.571
ROI	S	15	33.20	23.05	296.9	-0.856

18 151103 2245 00.2 - Sila Grande
 Lat: 39.43 Lon: 16.72 Prof: 19.6 Km
 ± 1.75 km ± 2.48 km ± 3.1 km
 RMS: 0.54s GAP: 164.8° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	45	5.68	15.81	249.5	0.665
CUP2	S	45	7.78	15.81	249.5	-0.719

19 151104 0051 28.9 - Sila Piccola
 Lat: 39.14 Lon: 16.48 Prof: 19.4 Km
 ± 0.48 km ± 0.57 km ± 1.8 km
 RMS: 0.32s GAP: 59.3° NR: 24

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	51	33.49	14.45	286.2	0.079
ROG2	S	51	36.28	14.45	286.2	-0.403
SPS2	P	51	34.19	20.91	322.3	0.021
SPS2	S	51	37.61	20.91	322.3	-0.386
CUP2	P	51	35.18	27.35	11.0	0.028
CUP2	S	51	40.09	27.35	11.0	0.391
SMIN	P	51	35.74	29.17	229.9	0.434
SMIN	S	51	40.26	29.17	229.9	0.293

TDS P 51 40.16 58.89 347.3 0.197
CET2 P 51 40.77 62.84 313.1 0.101
CET2 S 51 48.57 62.84 313.1 -0.684

ROG2 S 12 16.12 72.29 274.7 0.880
TDS P 12 9.37 92.59 309.8 0.200
CET2 P 12 12.40 113.26 293.3 0.150
CET2 S 12 26.60 113.26 293.3 0.064

20 151104 0114 54.0 - Sila Grande
Lat: 39.23 Lon: 16.37 Prof: 6.6 Km
± 0.24 km ± 0.25 km ± 0.4 km
RMS: 0.07s GAP: 199.0° NR: 8

27 151105 1822 01.0 - Amantea - M.Reventino
Lat: 38.98 Lon: 16.44 Prof: 11.5 Km
± 1.37 km ± 1.06 km ± 3.8 km
RMS: 0.66s GAP: 154.0° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	14	55.94	6.75	328.9	-0.037
SPS2	S	14	57.45	6.75	328.9	0.053
CUP2	P	14	58.44	21.68	42.1	0.001
CUP2	S	15	1.62	21.68	42.1	-0.039

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	22	4.97	23.66	334.5	-0.923
ROG2	S	22	8.57	23.66	334.5	-0.902
SMIN	P	22	5.35	18.68	265.6	0.236
SMIN	S	22	8.60	18.68	265.6	0.474
CUP2	P	22	10.50	45.06	11.4	0.980
CUP2	S	22	16.41	45.06	11.4	0.650
LADO	P	22	10.56	56.95	54.2	-0.864
LADO	S	22	19.00	56.95	54.2	-0.059
CET2	P	22	15.50	73.57	325.0	0.988
CET2	S	22	23.52	73.57	325.0	-0.879

21 151104 0253 58.6 - Presila nord-or.
Lat: 39.44 Lon: 16.80 Prof: 22.1 Km
± 0.90 km ± 1.05 km ± 2.4 km
RMS: 0.42s GAP: 123.2° NR: 23

28 151105 1927 39.7 - Piana bat. ionica
Lat: 37.72 Lon: 15.59 Prof: 32.1 Km
± 0.59 km ± 0.65 km ± 2.3 km
RMS: 0.35s GAP: 150.8° NR: 43

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	54	4.47	23.86	139.7	-0.045
LADO	S	54	8.37	23.86	139.7	-0.461
CUP2	P	54	4.72	23.01	251.3	0.176
CUP2	S	54	9.60	23.01	251.3	0.719
ROI	P	54	4.80	24.20	304.0	0.057
ROI	S	54	9.29	24.20	304.0	0.066
SPS2	P	54	7.07	43.57	246.1	-0.323
SPS2	S	54	14.03	43.57	246.1	0.215
TDS	P	54	7.43	46.25	300.1	-0.327
TDS	S	54	14.04	46.25	300.1	-0.405
CET2	P	54	12.10	73.41	276.9	0.466

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	27	48.56	38.16	37.5	0.164
CNDF	S	27	54.38	38.16	37.5	-0.358

22 151104 1503 00.0 - Canyon di Stromboli
Lat: 38.48 Lon: 15.32 Prof: 129.9 Km
± 2.26 km ± 1.67 km ± 2.9 km
RMS: 0.36s GAP: 74.3° NR: 28

29 151106 1044 49.8 - Amantea - M.Reventino
Lat: 39.19 Lon: 16.18 Prof: 13.5 Km
± 0.92 km ± 1.12 km ± 2.9 km
RMS: 0.49s GAP: 129.3° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	03	20.60	70.46	139.2	0.308
CNDF	S	03	34.78	70.46	139.2	-0.334

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	44	52.43	12.10	101.3	-0.891
ROG2	S	44	54.98	12.10	101.3	-0.852
CSC2	P	44	53.07	11.30	31.9	-0.107
CSC2	S	44	56.09	11.30	31.9	0.505
SCOI	P	44	53.11	11.52	30.5	-0.085
SCOI	S	44	55.96	11.52	30.5	0.346
SPS2	P	44	53.72	16.44	52.0	-0.156
SPS2	S	44	57.16	16.44	52.0	0.368
CET2	P	44	57.92	41.72	331.2	-0.101

23 151104 2245 35.9 - Stretta di Catanzaro
Lat: 38.91 Lon: 16.46 Prof: 8.4 Km
± 1.51 km ± 0.95 km ± 1.9 km
RMS: 0.32s GAP: 179.7° NR: 8

30 151107 1602 31.9 - Sila Piccola
Lat: 39.11 Lon: 16.50 Prof: 17.8 Km
± 1.11 km ± 0.92 km ± 3.3 km
RMS: 0.57s GAP: 66.5° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	45	40.25	21.15	287.2	-0.037
SMIN	S	45	43.58	21.15	287.2	0.118

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	02	36.91	24.74	323.5	-0.590
SMIN	P	02	38.00	28.75	237.5	-0.081
SMIN	S	02	41.89	28.75	237.5	-0.700
LADO	P	02	39.77	44.93	64.5	-0.834
LADO	S	02	45.98	44.93	64.5	-0.978
CET2	P	02	44.28	66.54	314.1	0.011
CET2	S	02	53.11	66.54	314.1	-0.200

24 151105 0542 38.6 - Etna
Lat: 37.80 Lon: 14.87 Prof: 23.9 Km
± 0.72 km ± 0.89 km ± 3.2 km
RMS: 0.55s GAP: 55.5° NR: 43

31 151107 2236 05.7 - Piana bat. ionica
Lat: 37.35 Lon: 15.82 Prof: 23.0 Km
± 0.98 km ± 0.87 km ± 3.0 km
RMS: 0.51s GAP: 199.6° NR: 31

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	43	10.21	213.61	26.6	0.629
CET2	S	43	32.09	213.61	26.6	-0.145

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	36	19.43	72.12	2.6	0.430
CNDF	S	36	29.56	72.12	2.6	0.834
CHC2	P	36	31.33	156.13	19.4	0.603
CHC2	S	36	49.47	156.13	19.4	0.430
UC01	P	36	31.67	162.77	14.1	0.151
UC01	S	36	50.02	162.77	14.1	-0.392
SMIN	P	36	34.82	183.17	11.3	0.281
SMIN	S	36	55.57	183.17	11.3	-0.072
ROG2	P	36	36.86	207.23	12.4	-0.783
ROG2	S	37	.52	207.23	12.4	-0.503
SCOI	P	36	39.71	218.13	10.1	0.721
SCOI	S	37	2.76	218.13	10.1	-0.594
SPS2	P	36	39.82	219.69	11.9	0.576

25 151105 0558 06.0 - Etna
Lat: 37.78 Lon: 14.84 Prof: 18.5 Km
± 0.67 km ± 0.84 km ± 2.8 km
RMS: 0.48s GAP: 73.6° NR: 26

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	58	23.18	92.16	75.6	0.488
CNDF	S	58	35.76	92.16	75.6	0.914

26 151105 1211 52.7 - Offshore Crotona
Lat: 39.12 Lon: 17.15 Prof: 5.1 Km
± 1.04 km ± 1.89 km ± 3.3 km
RMS: 0.57s GAP: 256.4° NR: 27

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	11	57.81	23.76	318.7	0.426
LADO	S	12	.95	23.76	318.7	0.162
ROI	P	12	5.42	71.28	314.1	-0.510
ROI	S	12	14.72	71.28	314.1	-0.872
ROG2	P	12	5.43	72.29	274.7	-0.297

SPS2	S	37	3.14	219.69	11.9	-0.652
CET2	P	36	40.74	241.68	2.9	0.632
CET2	S	37	5.02	241.68	2.9	-0.277
LADO	P	36	41.24	236.88	25.2	0.537
LADO	S	37	5.84	236.88	25.2	-0.486
CUP2	P	36	41.28	234.01	15.7	0.584
CUP2	S	37	7.30	234.01	15.7	0.995
ROI	P	36	43.98	254.65	14.8	0.000
ROI	S	37	10.80	254.65	14.8	0.000
TDS	P	36	45.46	259.81	10.0	0.000
TDS	S	37	13.42	259.81	10.0	0.000
MMN9	P	36	45.91	282.41	4.2	0.000
MMN9	S	37	18.72	282.41	4.2	0.000
MMNB	P	36	47.73	282.53	6.0	0.000
MMNB	S	37	21.32	282.53	6.0	0.000

32 151107 2242 26.0 - Piana bat. ionica
 Lat: 37.21 Lon: 15.91 Prof: 23.7 Km
 ± 1.57 km ± 1.87 km ± 3.3 km
 RMS: 0.51s GAP: 215.8° NR: 42

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	42	42.25	87.42	357.1	0.585
CNDF	S	42	52.41	87.42	357.1	-0.715

33 151108 0023 43.5 - Catena del Pollino
 Lat: 39.90 Lon: 16.14 Prof: 0.0 Km
 ± 4.39 km ± 2.08 km ± 2.1 km
 RMS: 0.47s GAP: 244.6° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNB	P	23	43.76	2.09	149.2	-0.263
MMNB	S	23	44.71	2.09	149.2	0.318
MMN9	P	23	45.03	7.88	261.8	-0.257
MMN9	S	23	46.64	7.88	261.8	0.058
MMN	P	23	46.91	12.97	264.6	0.500
MMN	S	23	48.19	12.97	264.6	-0.334

34 151108 1222 45.4 - Piana bat. ionica
 Lat: 37.29 Lon: 15.80 Prof: 21.1 Km
 ± 1.56 km ± 1.62 km ± 3.3 km
 RMS: 0.57s GAP: 203.1° NR: 53

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	23	.11	78.71	3.8	0.247
CNDF	S	23	10.38	78.71	3.8	-0.071
CET2	P	23	21.72	248.27	3.3	0.872
CET2	S	23	47.01	248.27	3.3	0.211

35 151109 0057 32.0 - Stretta di Catanzaro
 Lat: 38.85 Lon: 16.46 Prof: 12.9 Km
 ± 0.45 km ± 0.68 km ± 1.8 km
 RMS: 0.30s GAP: 138.5° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	57	39.24	37.74	341.6	-0.054
ROG2	S	57	44.55	37.74	341.6	-0.077
CET2	P	57	47.67	86.68	329.6	0.013
CET2	S	57	58.96	86.68	329.6	-0.151
MMNB	P	57	53.96	117.44	346.9	0.478
MMNB	S	58	8.53	117.44	346.9	-0.669

36 151109 0755 14.4 - Bacino di Gioia
 Lat: 38.33 Lon: 15.45 Prof: 123.0 Km
 ± 1.56 km ± 2.07 km ± 3.9 km
 RMS: 0.48s GAP: 131.4° NR: 36

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	55	33.01	50.61	136.7	0.121
CNDF	S	55	45.92	50.61	136.7	-0.487
SMIN	P	55	36.01	97.66	43.6	-0.396
SMIN	S	55	51.54	97.66	43.6	-0.959
LADO	P	55	42.95	169.10	51.4	0.036
LADO	S	56	3.73	169.10	51.4	-0.040
ROI	P	55	43.61	167.88	35.1	0.488
ROI	S	56	4.40	167.88	35.1	0.268

37 151109 1425 59.2 - Amantea - M.Reventino
 Lat: 38.94 Lon: 16.41 Prof: 14.3 Km
 ± 0.48 km ± 0.15 km ± 0.2 km
 RMS: 0.04s GAP: 213.1° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	26	3.40	16.70	280.0	0.037
SMIN	S	26	6.34	16.70	280.0	-0.042

38 151109 1955 16.0 - Maratea - Rotonda
 Lat: 39.93 Lon: 15.99 Prof: 3.1 Km
 ± 0.60 km ± 0.61 km ± 1.0 km
 RMS: 0.16s GAP: 201.8° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	55	17.55	4.79	186.1	0.117
MMN	S	55	18.25	4.79	186.1	-0.184
MMN1	P	55	17.59	5.24	187.0	0.076
MMN1	S	55	18.62	5.24	187.0	0.031
MMN9	P	55	17.72	6.54	135.4	-0.034
MMN9	S	55	18.87	6.54	135.4	-0.127

39 151110 0004 20.9 - Bacino di Gioia
 Lat: 38.37 Lon: 15.31 Prof: 84.4 Km
 ± 6.43 km ± 8.86 km ± 6.3 km
 RMS: 0.79s GAP: 291.9° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	04	36.80	63.25	131.5	0.538
CNDF	S	04	46.88	63.25	131.5	-0.621

40 151110 0029 25.6 - Alto Tirreno Cosentino
 Lat: 39.83 Lon: 16.14 Prof: 3.1 Km
 ± 0.40 km ± 0.57 km ± 0.8 km
 RMS: 0.19s GAP: 201.8° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNB	P	29	27.06	5.51	4.4	-0.048
MMNB	S	29	28.02	5.51	4.4	-0.193
MMN9	P	29	28.25	10.47	306.1	0.147
MMN9	S	29	29.96	10.47	306.1	0.024
MMN	P	29	29.04	14.86	294.1	0.019
MMN	S	29	31.38	14.86	294.1	-0.144
CET2	P	29	33.71	38.01	206.2	0.046
CET2	S	29	39.32	38.01	206.2	-0.247

41 151110 0033 35.2 - Serre meridionali
 Lat: 38.37 Lon: 16.16 Prof: 22.3 Km
 ± 1.09 km ± 1.73 km ± 3.5 km
 RMS: 0.60s GAP: 124.1° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
UC01	P	33	44.33	45.19	11.8	-0.043
UC01	S	33	50.27	45.19	11.8	-0.809
CNDF	P	33	45.13	49.59	213.0	0.210
CNDF	S	33	52.18	49.59	213.0	0.155

42 151110 1711 08.6 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 15.96 Prof: .8 Km
 ± 7.00 km ± 2.95 km ± 2.3 km
 RMS: 0.50s GAP: 342.0° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	11	9.16	2.15	97.0	-0.092
MMN	S	11	9.52	2.15	97.0	-0.178
MMN1	P	11	9.19	2.13	109.3	-0.066
MMN1	S	11	9.52	2.13	109.3	-0.187
MMN9	P	11	10.73	7.25	91.3	0.422
MMN9	S	11	12.36	7.25	91.3	0.834

43 151110 1750 58.2 - Canale di Otranto
 Lat: 39.86 Lon: 18.62 Prof: 34.4 Km
 ± 1.91 km ± 2.52 km ± 4.8 km
 RMS: 0.62s GAP: 282.9° NR: 56

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	51	22.37	155.68	244.6	0.408
LADO	S	51	38.56	155.68	244.6	-0.730
CUP2	P	51	26.16	186.44	252.5	-0.045
CUP2	S	51	46.93	186.44	252.5	0.288

TDS	P	51	27.87	197.67	262.6	-0.072
TDS	S	51	50.52	197.67	262.6	0.868
MMNB	P	51	29.86	211.71	269.9	-0.341
MMNB	S	51	53.50	211.71	269.9	-0.061
SPS2	P	51	30.02	206.78	251.3	0.834
SPS2	S	51	50.96	206.78	251.3	-0.841
ROG2	P	51	30.18	212.14	248.2	0.299
CET2	P	51	31.58	232.37	260.1	0.906
CET2	S	51	55.01	232.37	260.1	0.630
SMIN	P	51	32.82	229.17	243.7	0.794
SMIN	S	51	55.73	229.17	243.7	-0.992
UC01	P	51	33.12	236.48	238.6	0.577
UC01	S	51	57.31	236.48	238.6	-0.307
CNDF	P	51	42.82	316.89	228.7	0.000
CNDF	S	52	13.94	316.89	228.7	0.000

44 151110 2255 02.7 - Offshore Scalea - Diamante
 Lat: 39.59 Lon: 15.69 Prof: 276.5 Km
 ± 1.92 km ± 3.39 km ± 3.9 km
 RMS: 0.45s GAP: 128.4° NR: 44

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	55	38.06	23.28	107.9	0.289
CET2	S	56	4.25	23.28	107.9	0.816
SMIN	P	55	39.23	82.67	146.5	-0.684
SMIN	S	56	6.54	82.67	146.5	-0.596
SPS2	P	55	39.47	64.63	121.3	0.149
SPS2	S	56	5.65	64.63	121.3	-0.464
TDS	P	55	39.74	55.52	82.4	0.683
TDS	S	56	5.50	55.52	82.4	-0.160
CUP2	P	55	40.29	76.85	107.6	0.610
CUP2	S	56	7.70	76.85	107.6	0.962

45 151111 0039 46.0 - Bacino di Paola
 Lat: 38.74 Lon: 15.82 Prof: 50.8 Km
 ± 0.52 km ± 0.78 km ± 3.5 km
 RMS: 0.43s GAP: 69.4° NR: 70

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	39	54.82	26.22	108.7	-0.098
VBL2	S	40	1.28	26.22	108.7	-0.119
UC01	P	39	55.51	39.07	85.5	-0.397
UC01	S	40	2.60	39.07	85.5	-0.513
SMIN	P	39	56.05	43.13	54.9	-0.305
SMIN	S	40	3.65	43.13	54.9	-0.238
CHC2	P	39	56.83	51.71	98.4	-0.371
CHC2	S	40	4.96	51.71	98.4	-0.394
ROG2	P	39	58.53	64.65	42.6	-0.124
ROG2	S	40	7.52	64.65	42.6	-0.350
CSC2	P	39	59.08	70.58	32.4	-0.215
CSC2	S	40	8.75	70.58	32.4	-0.231
SPS2	P	40	-.37	74.99	36.7	-0.236
SPS2	S	40	10.20	74.99	36.7	0.230
CNDF	P	40	.93	82.82	178.1	0.369
CNDF	S	40	11.45	82.82	178.1	0.277
CET2	P	40	1.23	87.33	7.8	0.716
CET2	S	40	12.03	87.33	7.8	0.938
CUP2	P	40	2.31	94.39	41.8	0.184
CUP2	S	40	14.71	94.39	41.8	0.826
TDS	P	40	3.69	110.44	23.9	-0.552
TDS	S	40	16.84	110.44	23.9	-0.709

46 151111 0106 14.5 - Amantea - M.Reventino
 Lat: 39.02 Lon: 16.41 Prof: 15.5 Km
 ± 0.74 km ± 0.57 km ± 1.6 km
 RMS: 0.28s GAP: 160.9° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	06	18.95	18.21	336.0	-0.051
ROG2	S	06	22.08	18.21	336.0	-0.171
SMIN	P	06	19.01	17.03	248.7	0.171
SMIN	S	06	21.79	17.03	248.7	-0.180
SPS2	P	06	20.86	29.82	347.7	0.157
SPS2	S	06	25.22	29.82	347.7	0.020
CET2	P	06	26.87	68.12	324.7	-0.362
CET2	S	06	35.96	68.12	324.7	-0.549

47 151111 0406 24.6 - G. di S. Eufemia
 Lat: 38.95 Lon: 16.03 Prof: 13.2 Km
 ± 0.23 km ± 0.27 km ± 0.2 km
 RMS: 0.03s GAP: 320.9° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	06	28.57	16.54	84.8	0.015
SMIN	S	06	31.43	16.54	84.8	-0.017
ROG2	P	06	31.32	34.82	45.7	-0.028
ROG2	S	06	36.32	34.82	45.7	0.033

48 151111 1339 04.7 - M. Peloritani
 Lat: 38.10 Lon: 14.76 Prof: 134.7 Km
 ± 2.54 km ± 1.47 km ± 4.0 km
 RMS: 0.50s GAP: 80.9° NR: 38

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	39	27.98	96.54	97.0	0.412
CNDF	S	39	44.24	96.54	97.0	0.009

49 151111 1727 58.9 - Sila Piccola
 Lat: 39.15 Lon: 16.49 Prof: .8 Km
 ± 0.40 km ± 0.19 km ± 0.3 km
 RMS: 0.07s GAP: 213.5° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	28	5.10	30.63	229.0	0.057
SMIN	S	28	9.44	30.63	229.0	-0.064

50 151111 2014 53.8 - Alto Tirreno Cosentino
 Lat: 39.85 Lon: 16.07 Prof: 6.0 Km
 ± 0.89 km ± 1.09 km ± 1.7 km
 RMS: 0.38s GAP: 133.3° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	14	55.48	4.90	334.7	-0.272
MMN9	S	14	56.83	4.90	334.7	-0.316
MMN	P	14	56.23	8.41	301.0	-0.030
MMN	S	14	58.63	8.41	301.0	0.608
MMN1	P	14	56.28	8.30	298.0	0.032
MMN1	S	14	58.43	8.30	298.0	0.419
TDS	P	15	.14	31.02	133.6	0.117
TDS	S	15	5.32	31.02	133.6	0.772
CET2	P	15	1.19	37.33	196.2	-0.236
CET2	S	15	6.63	37.33	196.2	-0.348

51 151111 2034 56.2 - Canale di Otranto
 Lat: 40.03 Lon: 18.49 Prof: 27.3 Km
 ± 10.85 km ± 7.31 km ± 3.0 km
 RMS: 0.46s GAP: 347.5° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	35	20.14	154.48	236.2	0.143
LADO	S	35	36.70	154.48	236.2	-0.684

52 151111 2222 56.2 - Sila Piccola
 Lat: 39.13 Lon: 16.40 Prof: 3.4 Km
 ± 0.83 km ± 0.71 km ± 2.6 km
 RMS: 0.45s GAP: 107.9° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	22	58.22	8.60	307.6	-0.060
ROG2	S	23	-.42	8.60	307.6	-0.169
SPS2	P	23	-.07	18.66	342.1	-0.089
SPS2	S	23	2.67	18.66	342.1	-0.066
SMIN	P	23	1.18	23.26	221.0	0.377
SMIN	S	23	4.07	23.26	221.0	-0.039

53 151112 0028 57.6 - Maratea - Rotonda
 Lat: 39.91 Lon: 16.01 Prof: 1.7 Km
 ± 1.26 km ± 3.45 km ± 1.8 km
 RMS: 0.39s GAP: 276.6° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN1	P	28	58.47	3.91	213.7	-0.197
MMN1	S	29	-.02	3.91	213.7	0.543
MMN	P	28	58.50	3.48	215.9	-0.079
MMN	S	28	59.05	3.48	215.9	-0.234

54 151112 0157 55.5 - Sila Greca
 Lat: 39.46 Lon: 16.45 Prof: 14.8 Km
 ± 0.49 km ± 0.54 km ± 1.4 km
 RMS: 0.25s GAP: 98.4° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	57	59.22	12.28	140.4	-0.041
CUP2	S	58	1.62	12.28	140.4	-0.376
TDS	P	58	.78	23.54	333.9	0.183
TDS	S	58	4.61	23.54	333.9	0.301
CET2	P	58	3.87	43.76	278.8	-0.187
CET2	S	58	10.06	43.76	278.8	-0.243

55 151112 0622 34.7 - Alto Tirreno Cosentino
 Lat: 39.87 Lon: 16.02 Prof: 8.4 Km
 ± 0.70 km ± 0.83 km ± 2.4 km
 RMS: 0.42s GAP: 104.7° NR: 26

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	22	36.60	3.41	298.8	-0.076
MMN	S	22	38.05	3.41	298.8	-0.024
MMN1	P	22	36.64	3.34	291.1	-0.046
MMN1	S	22	37.83	3.34	291.1	-0.261
MMN9	P	22	36.75	2.74	50.5	0.080
MMN9	S	22	38.09	2.74	50.5	0.026
MMNB	P	22	37.80	11.04	84.5	0.106
MMNB	S	22	40.10	11.04	84.5	0.265
CET2	P	22	42.51	39.03	189.1	0.227
CET2	S	22	48.38	39.03	189.1	0.595

56 151112 0830 42.1 - Costa Cilento
 Lat: 40.42 Lon: 14.40 Prof: 55.0 Km
 ± 7.64 km ± 7.29 km ± 4.9 km
 RMS: 0.62s GAP: 336.4° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	31	17.07	254.36	120.3	0.000
LADO	S	31	44.90	254.36	120.3	0.000

57 151112 1054 08.5 - Amantea - M.Reventino
 Lat: 39.18 Lon: 16.16 Prof: 5.0 Km
 ± 1.43 km ± 2.53 km ± 3.1 km
 RMS: 0.54s GAP: 231.1° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
SCOI	P	54	11.23	14.64	34.5	-0.341
SCOI	S	54	13.66	14.64	34.5	-0.124
ROG2	P	54	11.78	14.31	91.0	0.219
ROG2	S	54	14.04	14.31	91.0	0.276

58 151112 1056 52.8 - Amantea - M.Reventino
 Lat: 39.14 Lon: 16.16 Prof: 0.0 Km
 ± 0.73 km ± 0.95 km ± 0.8 km
 RMS: 0.18s GAP: 300.1° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	56	55.95	14.08	76.1	0.020
ROG2	S	56	58.01	14.08	76.1	-0.215
SCOI	P	56	56.63	17.46	26.0	-0.047
SCOI	S	57	-.39	17.46	26.0	0.093

59 151112 1633 27.4 - Maratea - Rotonda
 Lat: 39.94 Lon: 16.00 Prof: .4 Km
 ± 0.30 km ± 0.29 km ± 0.3 km
 RMS: 0.08s GAP: 221.9° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	33	28.95	6.66	190.5	0.022
MMN	S	33	29.99	6.66	190.5	-0.042
MMN9	P	33	29.15	7.53	148.9	0.025
MMN9	S	33	30.37	7.53	148.9	-0.004

60 151112 2256 37.0 - Stromboli
 Lat: 38.86 Lon: 15.24 Prof: 272.3 Km
 ± 2.03 km ± 2.25 km ± 3.7 km
 RMS: 0.43s GAP: 140.5° NR: 65

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	57	13.35	86.16	82.1	-0.548
SMIN	S	57	39.89	86.16	82.1	-0.949

CET2 P 57 13.79 96.16 40.0 0.249
 CET2 S 57 41.13 96.16 40.0 0.915
 SPS2 P 57 14.62 105.98 63.5 -0.123
 SPS2 S 57 41.71 105.98 63.5 -0.586
 CNDF P 57 14.88 109.23 151.1 0.023
 CNDF S 57 42.82 109.23 151.1 0.318
 TDS P 57 15.97 129.37 47.1 0.054
 CUP2 P 57 16.43 126.72 63.0 0.702
 CUP2 S 57 44.83 126.72 63.0 0.822
 LADO P 57 17.47 157.24 72.7 0.195
 LADO S 57 47.06 157.24 72.7 0.379

61 151113 0012 20.2 - Marchesato
 Lat: 39.13 Lon: 17.09 Prof: 0.0 Km
 ± 0.80 km ± 1.34 km ± 1.0 km
 RMS: 0.21s GAP: 283.4° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	12	24.55	19.41	329.0	0.038
LADO	S	12	27.70	19.41	329.0	0.072

62 151113 0411 38.8 - Serre centro-sett.
 Lat: 38.53 Lon: 16.14 Prof: 4.8 Km
 ± 0.41 km ± 0.27 km ± 0.6 km
 RMS: 0.11s GAP: 179.9° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
UC01	P	11	44.57	29.14	21.1	0.032
UC01	S	11	48.68	29.14	21.1	-0.034

63 151113 0414 04.9 - Serre centro-sett.
 Lat: 38.52 Lon: 16.14 Prof: 4.7 Km
 ± 0.47 km ± 0.32 km ± 0.7 km
 RMS: 0.13s GAP: 181.5° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
UC01	P	14	10.84	29.51	21.1	0.095
UC01	S	14	14.86	29.51	21.1	-0.108

64 151113 1448 28.4 - Serre centro-sett.
 Lat: 38.49 Lon: 16.13 Prof: 15.5 Km
 ± 0.55 km ± 0.68 km ± 2.1 km
 RMS: 0.36s GAP: 88.5° NR: 24

STN	PHASE	MN	SEC	DIST	AZM	RES
UC01	P	48	35.21	33.82	20.6	-0.076
UC01	S	48	40.23	33.82	20.6	-0.088

65 151113 1949 12.3 - Amantea - M.Reventino
 Lat: 39.04 Lon: 16.24 Prof: 66.4 Km
 ± 1.18 km ± 1.45 km ± 4.1 km
 RMS: 0.52s GAP: 82.0° NR: 28

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	49	23.03	8.16	189.9	0.287
SMIN	S	49	29.90	8.16	189.9	-0.470
UC01	P	49	23.67	29.84	175.7	0.171
UC01	S	49	31.17	29.84	175.7	-0.508
CET2	P	49	25.93	59.21	335.1	0.765
CET2	S	49	34.85	59.21	335.1	0.290

66 151113 2024 54.6 - Piana batiale del Tirreno
 Lat: 38.79 Lon: 14.98 Prof: 291.3 Km
 ± 1.95 km ± 1.97 km ± 4.0 km
 RMS: 0.47s GAP: 128.7° NR: 77

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	25	34.11	109.42	80.0	-0.449
SMIN	S	26	3.30	109.42	80.0	-0.468
CET2	P	25	34.62	116.68	46.2	0.518
CET2	S	26	3.02	116.68	46.2	0.046
ROG2	P	25	34.85	123.49	70.2	-0.372
ROG2	S	26	4.47	123.49	70.2	-0.448
CNDF	P	25	35.23	116.17	139.7	0.365
CNDF	S	26	5.22	116.17	139.7	0.929
SPS2	P	25	35.35	129.26	65.2	-0.158
SPS2	S	26	6.14	129.26	65.2	0.727
TDS	P	25	36.76	150.94	50.9	0.061
ROI	P	25	37.91	161.56	58.0	0.678

ROI S 26 8.83 161.56 58.0 0.439
 LADO P 25 38.41 180.75 72.7 0.140
 LADO S 26 9.23 180.75 72.7 -0.952

67 151114 0416 17.7 - Coste Sicilia Or.
 Lat: 37.69 Lon: 15.23 Prof: 14.3 Km
 ± 0.63 km ± 1.16 km ± 3.0 km
 RMS: 0.52s GAP: 124.0° NR: 29

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	16	30.50	64.48	58.2	0.973
CNDF	S	16	39.15	64.48	58.2	0.981

68 151115 0127 15.3 - Sila Piccola
 Lat: 39.09 Lon: 16.50 Prof: 12.8 Km
 ± 0.50 km ± 0.51 km ± 2.1 km
 RMS: 0.36s GAP: 71.0° NR: 29

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	27	19.35	17.99	299.5	-0.104
ROG2	S	27	22.34	17.99	299.5	-0.140
SPS2	P	27	20.59	25.86	325.7	-0.058
SPS2	S	27	24.55	25.86	325.7	0.002
SMIN	P	27	21.02	27.85	239.9	0.057
SMIN	S	27	25.35	27.85	239.9	0.257
CUP2	P	27	21.97	31.85	6.2	0.265
CUP2	S	27	26.90	31.85	6.2	0.521
CSC2	P	27	22.12	29.97	314.0	0.854
CSC2	S	27	25.72	29.97	314.0	0.102
LADO	P	27	24.20	45.72	62.9	0.311
LADO	S	27	29.52	45.72	62.9	-0.641
CET2	P	27	27.27	67.47	315.1	-0.542
CET2	S	27	35.99	67.47	315.1	-0.966

69 151115 0706 18.9 - Etna
 Lat: 37.83 Lon: 15.14 Prof: 0.0 Km
 ± 5.56 km ± 4.26 km ± 3.9 km
 RMS: 0.86s GAP: 307.3° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	06	32.36	65.68	73.7	0.549
CNDF	S	06	42.19	65.68	73.7	0.947
CET2	P	06	51.64	201.11	21.0	0.284
CET2	S	07	16.09	201.11	21.0	0.993

70 151115 1940 14.1 - Scarpata di Paola
 Lat: 39.24 Lon: 15.61 Prof: 245.0 Km
 ± 2.34 km ± 3.36 km ± 4.1 km
 RMS: 0.48s GAP: 117.7° NR: 36

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	40	45.93	42.83	43.9	0.066
SMIN	P	40	46.34	61.53	120.1	-0.713
SMIN	S	41	10.17	61.53	120.1	-0.954
CNDF	P	40	50.93	139.98	171.5	0.153
CNDF	S	41	18.54	139.98	171.5	0.971