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**PROGRAMMA OPERATIVO NAZIONALE RICERCA E COMPETITIVITÀ PER LE REGIONI DELLA CONVERGENZA - 2007/2013 - CCI: 2007IT161PO006**

**ASSE I “SOSTEGNO AI MUTAMENTI STRUTTURALI”**

**OBIETTIVO OPERATIVO 4.1.1.1. “AREE SCIENTIFICO-TECNOLOGICHE GENERATRICI DI PROCESSI DI TRASFORMAZIONE DEL SISTEMA PRODUTTIVO E CREATRICI DI NUOVI SETTORI”**

**AZIONE II: “INTERVENTI DI SOSTEGNO DELLA RICERCA INDUSTRIALE”**

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**PROGETTO PON01\_02710 MASSIMO**

**AMBITO/SETTORE BENI CULTURALI**

**CUP B21C11000550005**

**UNIVERSITÀ DELLA CALABRIA – DIPARTIMENTO DI FISICA**

## **BOLLETTINO**

**DELLA**

**SISMICITÀ DELLA CALABRIA**

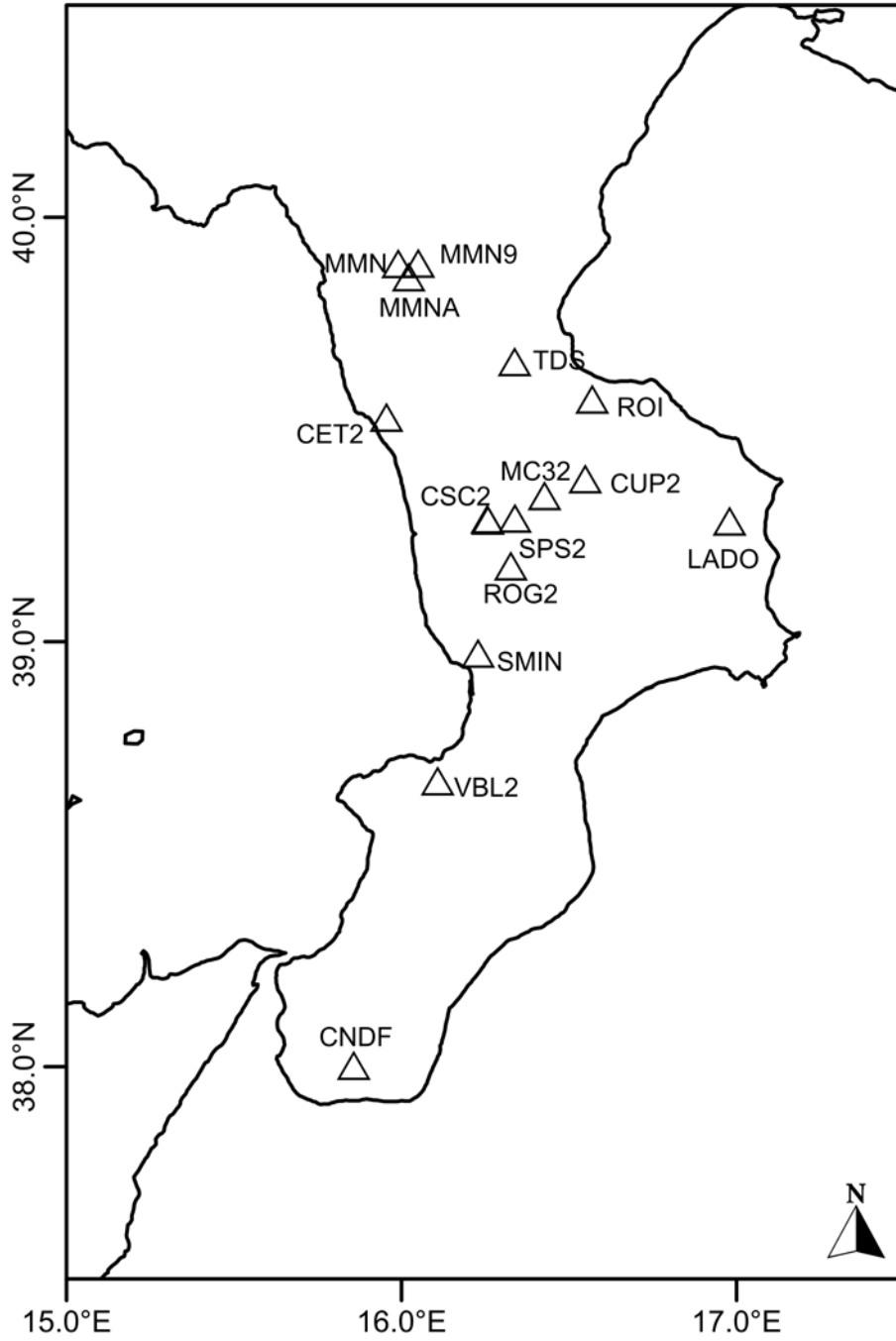
**E**

**DELLE AREE CIRCOSTANTI**

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

Periodo 01-15 Giugno 2015

Distribuzione delle stazioni della Rete Sismica UniCal – Pon MASSIMO



## Toponomastica delle aree epicentrali



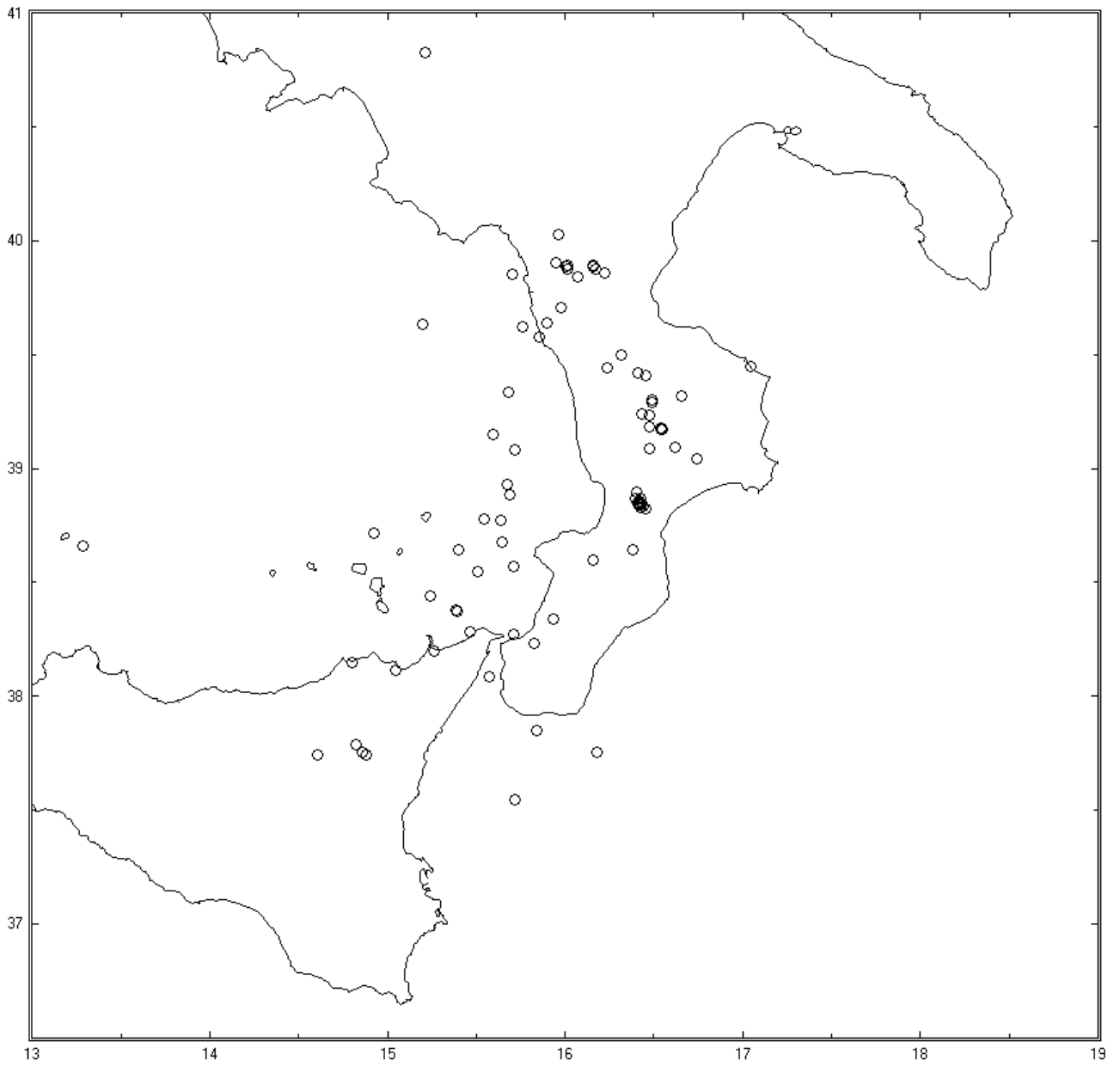
1 Murge	19 Piana di Sibari	37 Offshore Punta Stilo	55 Milazzo
2 Penisola Salentina	20 Valle dell'Esaro	38 Punta Stilo	56 Monti Peloritani
3 Piana del Bradano e del Basento	21 Catena del Pollino	39 Serre centro-settentrionali	57 Stretto di Messina
4 Golfo di Taranto	22 Marate - Rotonda	40 Valle del Mesima	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 <sub>0</sub>	m	δlat	δlon	δH <sub>0</sub>	nr	GAP	sqm	δT <sub>0</sub>
Aammgg	hhmm	ss.s	°	°	km		km	km	km		°	sec	sec
150601	0017	35.2	38.7731	15.6388	167.2	1.8	1.81	2.82	2.42	16	210	0.29	0.13
150601	0132	41.8	38.1484	14.8030	129.2	2.1	2.06	2.54	4.04	36	188	0.51	0.17
150601	0323	35.7	40.0298	15.9600	16.9	0.9	0.90	1.20	2.51	17	82	0.43	0.12
150601	0805	19.2	38.7156	14.9254	331.1	2.6	5.57	4.15	2.63	22	199	0.31	0.16
150601	1144	11.1	39.8910	16.0115	6.0		0.46	0.55	0.87	8	143	0.15	0.06
150601	2318	40.5	39.4469	17.0485	19.7		0.89	1.09	1.07	8	276	0.19	0.19
150602	0856	52.2	39.4452	16.2365	4.4		1.08	0.76	0.86	6	192	0.15	0.09
150602	1019	51.7	39.8435	16.0697	0.8		0.46	0.36	0.83	6	129	0.18	0.08
150602	1104	51.8	38.6439	16.3818	18.4		0.94	1.01	2.46	12	135	0.42	0.14
150602	1751	46.7	38.1157	15.0457	22.3	2.5	0.69	0.52	2.70	55	46	0.47	0.07
150602	2045	55.6	38.4406	15.2379	124.4	1.9	2.60	2.67	3.11	16	214	0.39	0.19
150602	2312	17.0	39.2364	16.4776	0.8		0.76	0.70	1.48	8	156	0.33	0.13
150602	2324	5.8	38.2812	15.4642	120.0	1.9	1.83	1.98	3.43	31	111	0.43	0.10
150603	1158	33.8	39.8597	16.2236	5.9	1.9	0.66	0.64	2.37	34	60	0.53	0.09
150603	1541	1.3	37.7860	14.8248	25.1	2.5	1.28	1.57	4.28	43	73	0.66	0.17
150603	1547	21.4	38.5994	16.1541	15.4	1.7	0.53	0.82	2.56	32	80	0.44	0.08
150603	1609	48.5	37.7554	14.8600	23.5	2.6	0.62	0.77	3.01	61	31	0.52	0.08
150603	1646	5.8	37.7428	14.8813	2.1	2.2	0.71	1.06	2.30	33	59	0.51	0.11
150603	2316	52.7	38.7796	15.5446	175.2	2.2	2.34	3.32	3.78	29	179	0.46	0.16
150604	0849	48.4	37.7547	16.1807	31.1	2.4	0.78	1.08	2.54	40	217	0.39	0.15
150604	1545	57.1	38.6579	13.2884	38.0	2.4	2.12	2.20	4.47	26	157	0.57	0.23
150604	1716	53.7	39.6339	15.1945	311.2	2.4	4.48	6.76	3.48	22	225	0.41	0.22
150604	1734	55.1	39.8539	15.7008	19.1	0.8	1.70	2.23	3.36	15	163	0.43	0.19
150604	1909	11.1	39.6382	15.8970	28.6	1.4	0.84	1.33	3.74	30	137	0.48	0.11
150604	2302	52.0	38.8538	16.4096	12.5		1.04	1.19	3.32	16	126	0.57	0.15
150605	0015	31.5	39.0875	16.4762	5.4		0.98	0.65	2.11	10	132	0.36	0.12
150605	0309	35.8	39.9050	15.9500	0.0		0.33	0.27	0.52	6	148	0.12	0.05
150605	0319	39.9	39.4084	16.4550	28.3	2.0	0.63	0.73	2.94	43	55	0.45	0.07
150605	0856	15.9	40.8269	15.2107	1.9	2.6	8.72	10.96	2.99	8	343	0.66	0.80
150605	1857	33.1	38.8546	16.4150	13.6		0.56	0.64	1.74	14	127	0.30	0.09
150605	1929	1.9	38.3708	15.3941	112.3	2.1	1.86	2.38	4.26	32	109	0.53	0.14
150605	2007	22.0	38.6436	15.3984	148.4		1.83	1.95	1.02	6	304	0.12	0.13
150605	2106	49.9	38.8561	16.4188	13.8		0.20	0.25	0.50	8	130	0.09	0.03
150605	2122	10.6	38.8666	16.3988	18.4		1.24	1.33	2.97	10	122	0.51	0.16
150606	0014	16.1	39.6216	15.7590	72.3	1.9	2.55	3.44	4.58	20	157	0.57	0.32
150606	0221	33.7	38.8304	16.4267	8.1	1.2	0.72	1.00	2.92	23	133	0.50	0.13
150606	0235	36.6	38.8456	16.4286	9.2	1.3	0.67	0.89	2.71	23	132	0.47	0.12
150606	2051	52.3	38.8663	16.4210	24.7		1.13	1.42	2.79	10	127	0.48	0.17
150606	2056	43.5	39.1836	16.4742	16.5	1.5	0.46	0.48	1.95	28	67	0.34	0.07
150606	2116	11.4	38.8335	16.4392	7.1	1.0	0.45	0.60	1.57	16	136	0.27	0.08
150606	2332	22.5	37.5437	15.7146	20.0	2.4	0.80	0.98	2.93	65	181	0.51	0.12
150607	0014	20.9	38.8469	16.4150	15.5		0.89	0.98	2.27	10	128	0.39	0.13
150607	0017	36.0	39.3168	16.6574	13.2	1.0	0.59	0.68	1.77	14	114	0.31	0.09
150607	0535	40.6	38.2345	15.8256	46.2	1.6	0.87	0.98	2.54	21	65	0.33	0.07
150607	0959	52.8	38.5459	15.5050	130.9		0.29	0.31	0.18	6	285	0.02	0.02
150607	2109	1.0	38.5728	15.7079	189.2	2.0	3.21	2.88	3.54	18	101	0.43	0.11
150608	0201	58.4	38.8859	15.6872	173.4	1.8	1.85	3.57	3.59	21	187	0.43	0.15
150608	0448	42.9	39.7060	15.9787	81.1	1.7	1.70	0.31	4.04	15	136	0.50	0.14
150608	0459	25.9	39.5774	15.8539	74.8	1.8	1.53	2.69	3.16	12	158	0.39	0.12
150608	0833	1.2	37.8478	15.8397	34.5	1.8	1.54	0.72	2.01	24	233	0.31	0.17
150608	1414	20.2	38.2010	15.2628	133.1	3.2	0.34	1.72	4.05	61	65	0.49	0.10
150608	1626	26.0	38.8414	16.4189	7.6	1.4	0.62	0.73	2.49	23	121	0.43	0.10
150608	2143	14.7	38.8259	16.4503	5.2		0.88	1.18	2.38	8	139	0.41	0.16
150608	2317	27.6	39.3357	15.6791	214.0		1.85	2.55	1.50	12	266	0.17	0.16
150609	0457	17.9	38.9316	15.6770	185.6	2.0	2.26	4.32	3.54	18	208	0.43	0.19
150610	2027	26.7	38.8452	16.4118	6.7	1.1	0.56	0.79	2.73	26	109	0.47	0.10
150610	2259	4.5	39.4994	16.3128	1.1	0.8	0.56	0.61	1.56	16	85	0.35	0.09

Data	Orario		Lat N	LON E	H <sub>0</sub>	m	δlat	δlon	δH <sub>0</sub>	nr	GAP	sqm	δT <sub>0</sub>
Aammgg	hhmm	ss.s	°	°	km		km	km	km		°	sec	sec
150611	0021	57.7	38.6772	15.6439	157.0	2.1	1.28	1.80	3.27	47	111	0.39	0.07
150611	041	5.0	38.8428	16.4250	7.4	1.0	0.53	0.75	1.97	17	131	0.34	0.08
150611	0301	52.4	39.0829	15.7162	86.9	2.2	0.69	1.04	3.82	78	105	0.48	0.07
150611	0418	35.9	39.8879	16.0041	4.8		0.27	0.30	0.54	8	137	0.09	0.03
150611	0741	44.3	39.0919	16.6202	15.4	0.8	1.45	1.04	2.55	12	83	0.44	0.19
150611	1025	27.7	39.0457	16.7394	11.1	1.9	0.50	0.68	2.19	37	163	0.38	0.11
150612	0855	34.9	39.3037	16.4892	20.4	1.6	0.51	0.58	2.13	30	41	0.37	0.07
150612	1950	36.5	38.2740	15.7117	10.2	1.4	0.45	0.40	1.41	20	115	0.24	0.07
150613	0235	59.0	38.8952	16.4038	5.0		3.15	0.74	1.32	6	242	0.29	0.40
150613	0417	43.2	38.0870	15.5763	12.2	1.4	0.62	0.38	1.94	28	114	0.33	0.07
150613	1142	53.5	39.8769	16.0164	5.9	0.8	0.58	0.68	1.86	17	117	0.32	0.08
150614	0129	26.3	39.2924	16.4884	0.5	0.4	0.44	0.37	1.22	16	111	0.27	0.07
150614	0536	34.0	39.2388	16.4304	15.9	1.5	0.42	0.49	2.08	36	44	0.36	0.06
150614	0556	22.4	38.3365	15.9359	13.4	1.8	0.50	0.56	1.61	20	86	0.28	0.08
150614	0718	12.8	39.4223	16.4088	13.5	2.0	0.51	0.50	2.20	36	91	0.38	0.07
150614	0920	49.9	39.8883	16.1609	8.6	1.3	0.69	0.70	2.59	21	105	0.45	0.11
150614	2114	34.9	38.3788	15.3885	115.7	2.2	1.64	2.21	3.82	35	140	0.48	0.13
150614	2307	8.6	39.8733	16.1691	6.3	1.0	0.73	0.53	1.63	15	115	0.36	0.10
150615	0127	22.0	39.1709	16.5496	19.3	0.6	0.61	0.58	1.58	15	90	0.27	0.08
150615	0154	55.6	39.1757	16.5427	16.3		0.22	0.15	0.36	8	142	0.06	0.02
150615	0201	0.5	39.1721	16.5398	16.7		0.22	0.16	0.22	6	167	0.04	0.02
150615	1419	59.4	37.7434	14.6049	26.0	2.1	0.66	1.17	2.92	28	82	0.45	0.12
150615	1721	23.8	39.1507	15.5976	215.9	2.0	2.92	5.43	3.54	16	226	0.41	0.22
150615	2320	41.6	39.8941	16.1544	5.2	1.1	0.73	0.72	2.50	23	65	0.56	0.12

Epicentri localizzati nel periodo di riferimento



# **BOLLETTINO**

1 150601 0017 35.2 - Scarpata di Paola  
 Lat: 38.77 Lon: 15.63 Prof: 167.2 Km  
 ± 1.81 km ± 2.82 km ± 2.4 km  
 RMS: 0.29s GAP: 210.4° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	18	.18	88.22	18.3	0.238
CET2	S	18	18.10	88.22	18.3	0.082

2 150601 0132 41.7 - Bacino di Cefalù  
 Lat: 38.14 Lon: 14.80 Prof: 129.2 Km  
 ± 2.06 km ± 2.54 km ± 4.0 km  
 RMS: 0.51s GAP: 188.2° NR: 36

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	33	3.84	93.89	100.5	0.106
CET2	P	33	12.33	182.96	33.7	0.822
CET2	S	33	33.08	182.96	33.7	-0.171

3 150601 0323 35.6 - Maratea - Rotonda  
 Lat: 40.02 Lon: 15.96 Prof: 16.9 Km  
 ± 0.90 km ± 1.20 km ± 2.5 km  
 RMS: 0.43s GAP: 82.3° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	23	40.51	15.65	170.6	0.526
MMN	S	23	43.54	15.65	170.6	0.390

4 150601 0805 19.1 - Piana batiale del Tirreno  
 Lat: 38.71 Lon: 14.92 Prof: 331.1 Km  
 ± 5.57 km ± 4.15 km ± 2.6 km  
 RMS: 0.31s GAP: 199.3° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	06	3.79	113.52	134.7	0.163

5 150601 1144 11.1 - Alto Tirreno Cosentino  
 Lat: 39.89 Lon: 16.01 Prof: 6.0 Km  
 ± 0.46 km ± 0.55 km ± 0.9 km  
 RMS: 0.15s GAP: 143.9° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	44	12.50	1.78	269.7	-0.052
MMN	S	44	13.54	1.78	269.7	-0.056
MMN9	P	44	12.61	3.32	88.4	-0.081
MMN9	S	44	14.03	3.32	88.4	0.197
CET2	P	44	18.96	40.50	187.1	0.095
CET2	S	44	24.47	40.50	187.1	-0.056

6 150601 2318 40.5 - Presila nord-or.  
 Lat: 39.44 Lon: 17.04 Prof: 19.7 Km  
 ± 0.89 km ± 1.09 km ± 1.1 km  
 RMS: 0.19s GAP: 276.2° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	18	45.50	19.05	197.8	-0.058
LADO	S	18	49.49	19.05	197.8	0.268
CUP2	P	18	49.37	43.66	260.4	0.101
CUP2	S	18	55.84	43.66	260.4	0.190

7 150602 0856 52.2 - Valle del Crati  
 Lat: 39.44 Lon: 16.23 Prof: 4.4 Km  
 ± 1.08 km ± 0.76 km ± 0.9 km  
 RMS: 0.15s GAP: 192.1° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	56	56.20	19.25	152.7	0.133
SPS2	S	56	58.76	19.25	152.7	-0.115
CET2	P	56	57.46	25.96	291.0	0.034
CET2	S	57	1.10	25.96	291.0	-0.130

8 150602 1019 51.6 - Alto Tirreno Cosentino  
 Lat: 39.84 Lon: 16.06 Prof: .8 Km  
 ± 0.46 km ± 0.36 km ± 0.8 km  
 RMS: 0.18s GAP: 129.3° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNA	P	19	53.56	7.94	77.0	0.098
MMNA	S	19	54.66	7.94	77.0	-0.113

CET2 P 20 -.19 36.30 195.9 0.075  
 CET2 S 20 5.54 36.30 195.9 -0.086

9 150602 1104 51.8 - Serre centro-sett.  
 Lat: 38.64 Lon: 16.38 Prof: 18.4 Km  
 ± 0.94 km ± 1.01 km ± 2.5 km  
 RMS: 0.42s GAP: 135.8° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	04	57.35	24.06	277.9	0.017
VBL2	S	05	1.41	24.06	277.9	0.028
SMIN	P	05	.13	38.88	339.9	0.555
SMIN	S	05	5.12	38.88	339.9	-0.144

10 150602 1751 46.6 - M. Peloritani  
 Lat: 38.11 Lon: 15.04 Prof: 22.3 Km  
 ± 0.69 km ± 0.52 km ± 2.7 km  
 RMS: 0.47s GAP: 46.6° NR: 55

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	52	.11	72.30	100.4	0.021
CNDF	S	52	10.81	72.30	100.4	0.913
VBL2	P	52	6.99	111.56	56.7	0.268
VBL2	S	52	20.98	111.56	56.7	-0.405
SMIN	P	52	10.15	140.28	47.7	-0.882
CET2	P	52	14.32	175.60	27.2	0.786
CET2	S	52	33.15	175.60	27.2	-0.036
ROG2	P	52	14.60	162.27	43.7	0.746
ROG2	S	52	32.77	162.27	43.7	-0.967
SPS2	P	52	15.89	172.25	41.1	0.758
SPS2	S	52	35.70	172.25	41.1	-0.253

11 150602 2045 55.5 - Canyon di Stromboli  
 Lat: 38.44 Lon: 15.23 Prof: 124.4 Km  
 ± 2.60 km ± 2.67 km ± 3.1 km  
 RMS: 0.39s GAP: 214.5° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	46	15.30	72.78	132.3	-0.099
CNDF	S	46	30.59	72.78	132.3	0.696

12 150602 2312 17.0 - Sila Grande  
 Lat: 39.23 Lon: 16.47 Prof: .8 Km  
 ± 0.76 km ± 0.70 km ± 1.5 km  
 RMS: 0.33s GAP: 156.3° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	12	19.85	13.43	296.7	-0.151
SPS2	S	12	22.36	13.43	296.7	0.159
CUP2	P	12	20.68	17.42	20.3	-0.219
CUP2	S	12	24.15	17.42	20.3	0.396

13 150602 2324 05.8 - Milazzo  
 Lat: 38.28 Lon: 15.46 Prof: 120.0 Km  
 ± 1.83 km ± 1.98 km ± 3.4 km  
 RMS: 0.43s GAP: 111.6° NR: 31

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	24	24.46	46.24	132.2	0.751

14 150603 1158 33.7 - Catena del Pollino  
 Lat: 39.85 Lon: 16.22 Prof: 5.9 Km  
 ± 0.66 km ± 0.64 km ± 2.4 km  
 RMS: 0.53s GAP: 60.7° NR: 34

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNA	P	58	35.85	5.42	270.0	0.208
MMNA	S	58	37.12	5.42	270.0	0.097
MMN9	P	58	37.83	15.24	283.6	0.383
MMN9	S	58	40.84	15.24	283.6	0.695
TDS	P	58	38.61	24.27	156.3	-0.198
TDS	S	58	42.66	24.27	156.3	0.155
MMN	P	58	38.90	20.23	279.9	0.662
MMN	S	58	42.18	20.23	279.9	0.663
CET2	P	58	41.99	43.38	212.2	-0.396
CET2	S	58	47.89	43.38	212.2	-0.814
ROI	P	58	42.17	43.58	137.1	-0.361
ROI	S	58	49.90	43.58	137.1	0.944
CUP2	P	58	45.12	59.76	152.1	0.107
CUP2	S	58	54.19	59.76	152.1	0.937



15 150603 1541 01.3 - M. Nebrodi-Madonie  
 Lat: 37.78 Lon: 14.82 Prof: 25.1 Km  
 ± 1.28 km ± 1.57 km ± 4.3 km  
 RMS: 0.66s GAP: 73.4° NR: 43

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	41	17.76	93.95	75.7	-0.258
CNDF	S	41	30.84	93.95	75.7	0.588
SMIN	P	41	30.42	179.97	43.4	0.675
SMIN	S	41	49.80	179.97	43.4	-0.761
CET2	P	41	33.48	217.01	27.5	0.911
CET2	S	41	55.82	217.01	27.5	0.369
TDS	P	41	37.51	246.05	32.7	-0.673

22 150604 1716 53.6 - Offshore Cilento  
 Lat: 39.63 Lon: 15.19 Prof: 311.2 Km  
 ± 4.48 km ± 6.76 km ± 3.5 km  
 RMS: 0.41s GAP: 225.4° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	17	34.05	66.33	100.6	0.569
CET2	S	18	2.35	66.33	100.6	-0.284
LADO	P	17	38.01	158.44	104.3	0.136

16 150603 1547 21.4 - Valle del Mesima  
 Lat: 38.59 Lon: 16.15 Prof: 15.4 Km  
 ± 0.53 km ± 0.82 km ± 2.6 km  
 RMS: 0.44s GAP: 80.2° NR: 32

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	47	25.26	9.18	334.1	0.479
VBL2	S	47	27.55	9.18	334.1	0.302
SMIN	P	47	30.10	41.96	8.9	0.607
SMIN	S	47	35.09	41.96	8.9	-0.320
CNDF	P	47	34.47	71.08	201.6	0.132
CNDF	S	47	43.82	71.08	201.6	0.024
CET2	P	47	40.80	104.61	350.6	0.962
CET2	S	47	52.75	104.61	350.6	-0.575

23 150604 1734 55.1 - G. di Policastro  
 Lat: 39.85 Lon: 15.70 Prof: 19.1 Km  
 ± 1.70 km ± 2.23 km ± 3.4 km  
 RMS: 0.43s GAP: 163.3° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	35	2.54	42.15	149.2	-0.237

17 150603 1609 48.4 - Etna  
 Lat: 37.75 Lon: 14.86 Prof: 23.5 Km  
 ± 0.62 km ± 0.77 km ± 3.0 km  
 RMS: 0.52s GAP: 31.9° NR: 61

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	10	4.72	91.93	73.1	-0.257
CNDF	S	10	17.36	91.93	73.1	0.292
SMIN	P	10	17.40	180.44	41.9	0.256
SMIN	S	10	37.23	180.44	41.9	-0.912
CET2	P	10	21.04	218.70	26.3	0.938
CET2	S	10	43.47	218.70	26.3	0.205

24 150604 1909 11.1 - Alto Tirreno Cosentino  
 Lat: 39.63 Lon: 15.89 Prof: 28.6 Km  
 ± 0.84 km ± 1.33 km ± 3.7 km  
 RMS: 0.48s GAP: 137.4° NR: 30

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	09	16.97	13.11	158.0	0.664
CET2	S	09	20.32	13.11	158.0	0.207
MMN	P	09	18.19	29.17	16.1	0.153
MMN	S	09	22.39	29.17	16.1	-0.719
TDS	P	09	18.97	37.86	86.5	-0.015
TDS	S	09	24.40	37.86	86.5	-0.355
SPS2	P	09	21.49	54.13	135.5	0.263
SPS2	S	09	28.38	54.13	135.5	-0.267
CUP2	P	09	23.21	62.73	116.8	0.816
CUP2	S	09	31.35	62.73	116.8	0.691
SMIN	P	09	24.11	79.18	159.0	-0.625
SMIN	S	09	33.97	79.18	159.0	-0.745

18 150603 1646 05.8 - Etna  
 Lat: 37.74 Lon: 14.88 Prof: 2.1 Km  
 ± 0.71 km ± 1.06 km ± 2.3 km  
 RMS: 0.51s GAP: 59.0° NR: 33

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	46	22.68	90.60	71.9	0.373
SMIN	P	46	37.95	180.28	41.2	0.754

19 150603 2316 52.6 - Canyon di Stromboli  
 Lat: 38.77 Lon: 15.54 Prof: 175.2 Km  
 ± 2.34 km ± 3.32 km ± 3.8 km  
 RMS: 0.46s GAP: 179.7° NR: 29

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	17	16.84	50.37	103.7	-0.242
VBL2	S	17	34.38	50.37	103.7	-0.586
SMIN	P	17	16.99	63.08	70.3	-0.603
SMIN	S	17	35.14	63.08	70.3	-0.712
CET2	P	17	18.73	90.40	23.4	0.402
CNDF	P	17	19.08	90.40	162.8	0.195
CNDF	S	17	38.90	90.40	162.8	0.817

20 150604 0849 48.4 - Offshore Calabria Meridionale  
 Lat: 37.75 Lon: 16.18 Prof: 31.1 Km  
 ± 0.78 km ± 1.08 km ± 2.5 km  
 RMS: 0.39s GAP: 217.4° NR: 40

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	49	57.66	39.64	314.2	0.461
CNDF	S	50	4.30	39.64	314.2	0.691

21 150604 1545 57.0 - M. Tirreno  
 Lat: 38.65 Lon: 13.28 Prof: 38.0 Km  
 ± 2.12 km ± 2.20 km ± 4.5 km  
 RMS: 0.57s GAP: 157.9° NR: 26

25 150604 2302 51.9 - Stretta di Catanzaro  
 Lat: 38.85 Lon: 16.40 Prof: 12.5 Km  
 ± 1.04 km ± 1.19 km ± 3.3 km  
 RMS: 0.57s GAP: 126.8° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	02	56.77	20.55	310.0	0.294
SMIN	S	03	.21	20.55	310.0	0.432
LADO	P	03	5.35	68.64	45.6	0.921
LADO	S	03	13.03	68.64	45.6	-0.519
CET2	P	03	7.73	84.62	332.4	0.404
CET2	S	03	17.58	84.62	332.4	-0.982
CNDF	P	03	11.34	106.01	207.1	0.537

26 150605 0015 31.5 - Sila Piccola  
 Lat: 39.08 Lon: 16.47 Prof: 5.4 Km  
 ± 0.98 km ± 0.65 km ± 2.1 km  
 RMS: 0.36s GAP: 132.2° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	15	34.86	16.44	307.7	-0.024
ROG2	S	15	37.51	16.44	307.7	0.147
SPS2	P	15	36.21	25.52	332.2	-0.219
SPS2	S	15	40.07	25.52	332.2	0.031
SMIN	P	15	36.89	24.95	239.3	0.561
SMIN	S	15	39.26	24.95	239.3	-0.605

27 150605 0309 35.7 - Maratea - Rotonda  
 Lat: 39.90 Lon: 15.95 Prof: 0.0 Km  
 ± 0.33 km ± 0.27 km ± 0.5 km  
 RMS: 0.12s GAP: 148.9° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	09	37.72	8.70	99.8	0.006
MMN9	S	09	39.17	8.70	99.8	0.030
CET2	P	09	44.13	41.77	179.6	-0.039
CET2	S	09	50.40	41.77	179.6	0.078

**28** 150605 0319 39.9 - Sila Grande  
 Lat: 39.40 Lon: 16.45 Prof: 28.3 Km  
 ± 0.63 km ± 0.73 km ± 2.9 km  
 RMS: 0.45s GAP: 55.0° NR: 43

STN	PHASE	MN	SEC	DIST	AZM	RES
MC32	P	19	45.26	7.55	198.6	-0.098
MC32	S	19	49.56	7.55	198.6	0.219
CUP2	P	19	45.32	8.48	108.9	-0.050
CUP2	S	19	50.26	8.48	108.9	0.899
SPS2	P	19	45.63	16.44	217.5	-0.164
SPS2	S	19	50.05	16.44	217.5	-0.045
ROI	P	19	45.90	20.62	28.3	-0.417
ROI	S	19	51.20	20.62	28.3	0.198
SCOI	P	19	45.99	21.63	232.2	-0.242
SCOI	S	19	51.41	21.63	232.2	0.554
CSC2	P	19	46.13	21.74	231.3	-0.122
CSC2	S	19	50.76	21.74	231.3	-0.129
ROG2	P	19	46.73	27.86	203.5	-0.267
ROG2	S	19	53.03	27.86	203.5	0.849
TDS	P	19	46.82	29.64	339.9	-0.329
TDS	S	19	52.43	29.64	339.9	-0.013
CET2	P	19	48.80	45.09	287.3	-0.269
CET2	S	19	56.39	45.09	287.3	0.622
LADO	P	19	48.96	47.26	106.7	-0.600
LADO	S	19	57.21	47.26	106.7	0.590
SMIN	P	19	50.00	52.17	202.0	-0.359
SMIN	S	19	58.73	52.17	202.0	0.727

**29** 150605 0856 15.8 - Appennino Lucano  
 Lat: 40.82 Lon: 15.21 Prof: 1.9 Km  
 ± 8.72 km ± 10.96 km ± 3.0 km  
 RMS: 0.66s GAP: 343.8° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	56	43.22	157.44	156.7	0.735
TDS	P	56	44.33	161.22	143.8	0.048
TDS	S	57	5.78	161.22	143.8	0.701
ROI	P	56	47.03	181.10	140.5	-0.449
ROI	S	57	10.27	181.10	140.5	-0.344

**30** 150605 1857 33.0 - Stretta di Catanzaro  
 Lat: 38.85 Lon: 16.41 Prof: 13.6 Km  
 ± 0.56 km ± 0.64 km ± 1.7 km  
 RMS: 0.30s GAP: 127.8° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	57	37.87	20.86	309.0	0.131
SMIN	S	57	41.34	20.86	309.0	0.206
VBL2	P	57	39.71	33.39	233.0	0.027
VBL2	S	57	44.64	33.39	233.0	0.128
CET2	P	57	48.93	84.76	332.0	0.522
CET2	S	57	59.14	84.76	332.0	-0.479

**31** 150605 1929 01.8 - Bacino di Gioia  
 Lat: 38.37 Lon: 15.39 Prof: 112.3 Km  
 ± 1.86 km ± 2.38 km ± 4.3 km  
 RMS: 0.53s GAP: 109.4° NR: 32

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	29	19.69	57.53	135.5	0.145
CNDF	S	29	33.00	57.53	135.5	0.526
VBL2	P	29	20.39	70.75	61.9	-0.282
VBL2	S	29	34.10	70.75	61.9	-0.330
CET2	P	29	26.65	137.43	21.1	0.906
CET2	S	29	44.21	137.43	21.1	0.998

**32** 150605 2007 21.9 - Canyon di Stromboli  
 Lat: 38.64 Lon: 15.39 Prof: 148.4 Km  
 ± 1.83 km ± 1.95 km ± 1.0 km  
 RMS: 0.12s GAP: 304.9° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	07	44.75	81.62	150.9	-0.097
CNDF	S	08	1.71	81.62	150.9	0.112

**33** 150605 2106 49.8 - Stretta di Catanzaro  
 Lat: 38.85 Lon: 16.41 Prof: 13.8 Km  
 ± 0.20 km ± 0.25 km ± 0.5 km  
 RMS: 0.09s GAP: 130.3° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	06	54.50	21.01	308.1	-0.047
SMIN	S	06	58.03	21.01	308.1	0.054

**34** 150605 2122 10.5 - Stretta di Catanzaro  
 Lat: 38.86 Lon: 16.39 Prof: 18.4 Km  
 ± 1.24 km ± 1.33 km ± 3.0 km  
 RMS: 0.51s GAP: 122.7° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	22	16.02	18.93	308.5	0.594
SMIN	S	22	19.03	18.93	308.5	0.033

**35** 150606 0014 16.1 - Offshore Scalea -  
 Diamante  
 Lat: 39.62 Lon: 15.75 Prof: 72.3 Km  
 ± 2.55 km ± 3.44 km ± 4.6 km  
 RMS: 0.57s GAP: 157.7° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	14	27.43	19.71	121.8	0.655
CET2	S	14	35.53	19.71	121.8	0.980
SMIN	P	14	31.59	82.61	150.8	-0.612
SMIN	S	14	43.68	82.61	150.8	-0.269

**36** 150606 0221 33.7 - Stretta di Catanzaro  
 Lat: 38.83 Lon: 16.42 Prof: 8.1 Km  
 ± 0.72 km ± 1.00 km ± 2.9 km  
 RMS: 0.50s GAP: 133.8° NR: 23

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	21	38.89	23.38	312.5	0.457
SMIN	S	21	42.02	23.38	312.5	0.154
VBL2	P	21	40.18	32.70	237.9	0.195
VBL2	S	21	44.58	32.70	237.9	0.025
SPS2	P	21	43.50	51.70	351.4	0.267
SPS2	S	21	51.10	51.70	351.4	0.919
CUP2	P	21	45.82	62.29	9.6	0.682
CUP2	S	21	54.47	62.29	9.6	0.991
CET2	P	21	48.93	87.61	332.3	-0.724
CET2	S	22	.64	87.61	332.3	-0.662

**37** 150606 0235 36.5 - Stretta di Catanzaro  
 Lat: 38.84 Lon: 16.42 Prof: 9.2 Km  
 ± 0.67 km ± 0.89 km ± 2.7 km  
 RMS: 0.47s GAP: 132.1° NR: 23

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	35	41.25	22.40	309.1	0.091
SMIN	S	35	45.50	22.40	309.1	0.988
VBL2	P	35	43.09	33.77	235.6	0.053
VBL2	S	35	48.15	33.77	235.6	0.386
SPS2	P	35	45.61	50.05	351.0	-0.199
SPS2	S	35	53.56	50.05	351.0	0.993
CET2	P	35	52.05	86.19	331.7	-0.205
CET2	S	36	3.05	86.19	331.7	-0.680

**38** 150606 2051 52.2 - Stretta di Catanzaro  
 Lat: 38.86 Lon: 16.42 Prof: 24.7 Km  
 ± 1.13 km ± 1.42 km ± 2.8 km  
 RMS: 0.48s GAP: 127.3° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	51	58.21	20.47	305.2	0.093
SMIN	S	52	2.58	20.47	305.2	0.184
CET2	P	52	6.03	83.85	331.3	-0.657
CET2	S	52	18.20	83.85	331.3	0.964

**39** 150606 2056 43.5 - Sila Piccola  
 Lat: 39.18 Lon: 16.47 Prof: 16.5 Km  
 ± 0.46 km ± 0.48 km ± 2.0 km  
 RMS: 0.34s GAP: 67.2° NR: 28

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	56	47.83	16.70	315.4	-0.034
SPS2	S	56	51.36	16.70	315.4	0.308
MC32	P	56	48.10	18.26	346.9	-0.097
MC32	S	56	51.53	18.26	346.9	-0.103
SCOI	P	56	48.75	22.16	301.9	0.209
SCOI	S	56	51.93	22.16	301.9	-0.296

CUP2	P	56	48.83	23.08	15.9	0.000
CUP2	S	56	52.89	23.08	15.9	0.166
SMIN	P	56	49.89	31.62	222.2	-0.110
SMIN	S	56	55.01	31.62	222.2	0.253
LADO	P	56	52.21	45.01	75.4	0.080
LADO	S	56	59.05	45.01	75.4	0.611
CET2	P	56	54.21	58.94	310.6	-0.446
CET2	S	57	2.73	58.94	310.6	-0.085
<b>40</b> 150606 2116 11.4 - Stretta di Catanzaro						
Lat: 38.83 Lon: 16.43 Prof: 7.1 Km						
± 0.45 km ± 0.60 km ± 1.6 km						
RMS: 0.27s GAP: 136.3° NR: 16						
STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	16	16.51	23.96	310.2	0.349
SMIN	S	16	20.00	23.96	310.2	0.364
<b>41</b> 150606 2332 22.5 - Piana bat. ionica						
Lat: 37.54 Lon: 15.71 Prof: 20.0 Km						
± 0.80 km ± 0.98 km ± 2.9 km						
RMS: 0.51s GAP: 181.1° NR: 65						
STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	32	33.14	52.53	14.1	0.554
CNDF	S	32	39.96	52.53	14.1	-0.006
SMIN	P	32	49.72	164.89	16.0	0.794
SMIN	S	33	8.75	164.89	16.0	0.485
CET2	P	32	55.07	221.35	5.7	0.795
CET2	S	33	18.41	221.35	5.7	0.882
<b>42</b> 150607 0014 20.9 - Stretta di Catanzaro						
Lat: 38.84 Lon: 16.41 Prof: 15.5 Km						
± 0.89 km ± 0.98 km ± 2.3 km						
RMS: 0.39s GAP: 128.0° NR: 10						
STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	14	26.35	21.40	310.7	0.525
SMIN	S	14	29.43	21.40	310.7	0.019
<b>43</b> 150607 0017 36.0 - Sila Grande						
Lat: 39.31 Lon: 16.65 Prof: 13.2 Km						
± 0.59 km ± 0.68 km ± 1.8 km						
RMS: 0.31s GAP: 114.2° NR: 14						
STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	17	39.57	11.97	307.9	0.050
CUP2	S	17	42.30	11.97	307.9	0.223
SMIN	P	17	46.40	53.24	224.1	0.508
SMIN	S	17	53.59	53.24	224.1	0.476
<b>44</b> 150607 0535 40.5 - Aspromonte						
Lat: 38.23 Lon: 15.82 Prof: 46.2 Km						
± 0.87 km ± 0.98 km ± 2.5 km						
RMS: 0.33s GAP: 65.9° NR: 21						
STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	35	49.36	25.82	174.1	0.053
CNDF	S	35	55.88	25.82	174.1	0.179
<b>45</b> 150607 0959 52.7 - Bacino di Gioia						
Lat: 38.54 Lon: 15.50 Prof: 130.9 Km						
± 0.29 km ± 0.31 km ± 0.2 km						
RMS: 0.02s GAP: 285.6° NR: 6						
STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	00	12.96	67.66	153.2	0.020
CNDF	S	00	27.67	67.66	153.2	-0.023
<b>46</b> 150607 2109 00.9 - Bacino di Gioia						
Lat: 38.57 Lon: 15.70 Prof: 189.2 Km						
± 3.21 km ± 2.88 km ± 3.5 km						
RMS: 0.43s GAP: 101.5° NR: 18						
STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	09	27.66	64.55	168.6	0.155
CNDF	S	09	47.43	64.55	168.6	0.530
CET2	P	09	28.95	108.26	11.6	-0.296
<b>47</b> 150608 0201 58.3 - Bacino di Paola						
Lat: 38.88 Lon: 15.68 Prof: 173.4 Km						
± 1.85 km ± 3.57 km ± 3.6 km						
RMS: 0.43s GAP: 187.2° NR: 21						
STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	02	22.99	75.02	18.2	-0.004
CET2	S	02	40.70	75.02	18.2	-0.328
SPS2	P	02	24.15	72.11	51.6	0.616
SPS2	S	02	41.52	72.11	51.6	-0.441
CNDF	P	02	25.39	99.09	171.7	0.451
CNDF	S	02	45.14	99.09	171.7	0.745
<b>48</b> 150608 0448 42.8 - Alto Tirreno Cosentino						
Lat: 39.70 Lon: 15.97 Prof: 81.1 Km						
± 1.70 km ± 0.31 km ± 4.0 km						
RMS: 0.50s GAP: 136.6° NR: 15						
STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	48	54.99	19.78	186.2	0.420
CET2	S	49	3.11	19.78	186.2	-0.013
<b>49</b> 150608 0459 25.9 - Offshore Scalea - Diamante						
Lat: 39.57 Lon: 15.85 Prof: 74.8 Km						
± 1.53 km ± 2.69 km ± 3.2 km						
RMS: 0.39s GAP: 158.9° NR: 12						
STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	59	37.05	10.20	122.2	0.485
CET2	S	59	44.49	10.20	122.2	0.114
<b>50</b> 150608 0833 01.2 - Offshore Calabria Meridionale						
Lat: 37.84 Lon: 15.83 Prof: 34.5 Km						
± 1.54 km ± 0.72 km ± 2.0 km						
RMS: 0.31s GAP: 233.1° NR: 24						
STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	33	8.23	17.31	5.3	0.264
CNDF	S	33	13.13	17.31	5.3	0.251
<b>51</b> 150608 1414 20.1 - Milazzo						
Lat: 38.20 Lon: 15.26 Prof: 133.1 Km						
± 0.34 km ± 1.72 km ± 4.0 km						
RMS: 0.49s GAP: 65.7° NR: 61						
STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	14	40.42	56.56	113.3	0.302
CNDF	S	14	55.40	56.56	113.3	0.682
VBL2	P	14	42.33	90.54	54.9	-0.226
VBL2	S	14	57.99	90.54	54.9	-0.949
SMIN	P	14	44.57	120.07	44.8	-0.451
SMIN	S	15	2.29	120.07	44.8	-0.921
CET2	P	14	48.46	159.16	22.6	0.700
CET2	S	15	8.89	159.16	22.6	0.936
MC32	P	14	49.12	162.27	38.8	0.164
MC32	S	15	10.45	162.27	38.8	0.423
CUP2	P	14	50.77	172.33	40.6	0.809
CUP2	S	15	11.32	172.33	40.6	-0.444
TDS	P	14	51.20	186.79	30.2	-0.505
TDS	S	15	14.21	186.79	30.2	-0.573
LADO	P	14	51.83	191.62	51.2	0.102
LADO	S	15	13.89	191.62	51.2	-0.935
ROI	P	14	52.30	189.75	36.9	0.448
<b>52</b> 150608 1626 26.0 - Stretta di Catanzaro						
Lat: 38.84 Lon: 16.41 Prof: 7.6 Km						
± 0.62 km ± 0.73 km ± 2.5 km						
RMS: 0.43s GAP: 121.2° NR: 23						
STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	26	31.08	22.06	311.4	0.591
SMIN	S	26	34.15	22.06	311.4	0.405
VBL2	P	26	32.30	32.81	235.4	0.015
VBL2	S	26	37.10	32.81	235.4	0.242
LADO	P	26	39.34	69.04	44.3	0.866
LADO	S	26	47.83	69.04	44.3	0.251
CET2	P	26	41.87	86.21	332.3	0.166
CET2	S	26	52.53	86.21	332.3	-0.642

53 150608 2143 14.6 - Stretta di Catanzaro  
 Lat: 38.82 Lon: 16.45 Prof: 5.2 Km  
 ± 0.88 km ± 1.18 km ± 2.4 km  
 RMS: 0.41s GAP: 139.0° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	43	19.76	25.25	310.2	0.168
SMIN	S	43	22.91	25.25	310.2	-0.286

54 150608 2317 27.5 - Bacino di Paola  
 Lat: 39.33 Lon: 15.67 Prof: 214.0 Km  
 ± 1.85 km ± 2.55 km ± 1.5 km  
 RMS: 0.17s GAP: 266.1° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	18	2.01	148.72	174.3	0.243
CNDF	S	18	26.91	148.72	174.3	0.128

55 150609 0457 17.9 - Bacino di Paola  
 Lat: 38.93 Lon: 15.67 Prof: 185.6 Km  
 ± 2.26 km ± 4.32 km ± 3.5 km  
 RMS: 0.43s GAP: 208.5° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	57	44.08	70.49	20.1	0.387
CET2	S	58	3.10	70.49	20.1	0.539
CNDF	P	57	46.35	104.24	171.6	0.248
CNDF	S	58	7.42	104.24	171.6	0.688

56 150610 2027 26.6 - Stretta di Catanzaro  
 Lat: 38.84 Lon: 16.41 Prof: 6.7 Km  
 ± 0.56 km ± 0.79 km ± 2.7 km  
 RMS: 0.47s GAP: 109.1° NR: 26

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	27	31.50	21.32	311.6	0.521
SMIN	S	27	34.53	21.32	311.6	0.410
VBL2	P	27	32.94	32.54	234.2	0.070
VBL2	S	27	37.68	32.54	234.2	0.286
SPS2	P	27	35.94	49.89	352.6	0.092
SPS2	S	27	43.44	49.89	352.6	0.887
LADO	P	27	39.99	69.17	45.0	0.856
LADO	S	27	48.72	69.17	45.0	0.468
CET2	P	27	42.38	85.55	332.5	0.147
CET2	S	27	52.68	85.55	332.5	-0.939

57 150610 2259 04.5 - Valle del Crati  
 Lat: 39.49 Lon: 16.31 Prof: 1.1 Km  
 ± 0.56 km ± 0.61 km ± 1.6 km  
 RMS: 0.35s GAP: 85.2° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
TDS	P	59	8.68	17.89	6.7	0.334
TDS	S	59	10.94	17.89	6.7	-0.196
SPS2	P	59	9.39	23.24	174.4	0.073
SPS2	S	59	12.76	23.24	174.4	-0.059
CET2	P	59	10.84	30.97	276.1	-0.063
CET2	S	59	15.46	30.97	276.1	-0.109

58 150611 0021 57.7 - Bacino di Gioia  
 Lat: 38.67 Lon: 15.64 Prof: 157.0 Km  
 ± 1.28 km ± 1.80 km ± 3.3 km  
 RMS: 0.39s GAP: 111.5° NR: 47

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	22	19.62	40.38	90.8	-0.125
VBL2	S	22	35.52	40.38	90.8	-0.327
SMIN	P	22	20.07	60.43	57.3	-0.497
SMIN	S	22	36.65	60.43	57.3	-0.620
ROG2	P	22	21.36	81.19	46.9	-0.343
ROG2	S	22	38.73	81.19	46.9	-0.508
CNDF	P	22	21.55	77.09	166.3	0.274
CNDF	S	22	39.19	77.09	166.3	0.692
SPS2	P	22	22.11	90.92	41.6	-0.209
CET2	P	22	22.56	98.28	16.1	0.490
CET2	S	22	39.98	98.28	16.1	0.107
CUP2	P	22	24.32	110.80	45.0	0.661
CUP2	S	22	43.26	110.80	45.0	0.634
LADO	P	22	24.80	133.88	59.7	-0.464
LADO	S	22	45.31	133.88	59.7	-0.096

59 150611 0041 05.0 - Stretta di Catanzaro  
 Lat: 38.84 Lon: 16.42 Prof: 7.4 Km  
 ± 0.53 km ± 0.75 km ± 2.0 km  
 RMS: 0.34s GAP: 131.7° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	41	10.03	22.35	310.2	0.502
SMIN	S	41	12.98	22.35	310.2	0.164

60 150611 0301 52.4 - Bacino di Paola  
 Lat: 39.08 Lon: 15.71 Prof: 86.9 Km  
 ± 0.69 km ± 1.04 km ± 3.8 km  
 RMS: 0.48s GAP: 105.2° NR: 78

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	02	6.31	45.98	105.6	-0.267
SMIN	S	02	17.16	45.98	105.6	0.220
CSC2	P	02	6.90	51.96	64.4	-0.039
CSC2	S	02	16.98	51.96	64.4	-0.587
ROG2	P	02	6.93	53.78	78.8	-0.198
ROG2	S	02	17.52	53.78	78.8	-0.373
CET2	P	02	7.13	53.60	22.8	0.623
CET2	S	02	17.09	53.60	22.8	0.272
VBL2	P	02	7.37	56.72	143.4	0.048
VBL2	S	02	17.96	56.72	143.4	-0.269
TDS	P	02	9.55	83.43	40.0	-0.090
TDS	S	02	21.97	83.43	40.0	-0.274
CUP2	P	02	9.63	79.20	65.2	0.439
CUP2	S	02	21.58	79.20	65.2	0.113
LADO	P	02	12.04	111.40	78.4	-0.122
LADO	S	02	27.53	111.40	78.4	0.916
CNDF	P	02	13.66	120.47	174.4	0.451
CNDF	S	02	27.96	120.47	174.4	-0.466

61 150611 0418 35.9 - Alto Tirreno Cosentino  
 Lat: 39.88 Lon: 16.00 Prof: 4.8 Km  
 ± 0.27 km ± 0.30 km ± 0.5 km  
 RMS: 0.09s GAP: 137.4° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	18	37.28	1.19	286.1	0.139
MMN	S	18	37.90	1.19	286.1	-0.117
MMN9	P	18	37.42	3.98	83.8	0.020
MMN9	S	18	38.39	3.98	83.8	-0.077
CET2	P	18	43.61	40.09	186.2	0.006
CET2	S	18	49.17	40.09	186.2	-0.042

62 150611 0741 44.3 - Sila Piccola  
 Lat: 39.09 Lon: 16.62 Prof: 15.4 Km  
 ± 1.45 km ± 1.04 km ± 2.6 km  
 RMS: 0.44s GAP: 83.4° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	41	52.37	37.65	55.1	0.687
LADO	S	41	56.59	37.65	55.1	-0.481

63 150611 1025 27.7 - Sila Piccola  
 Lat: 39.04 Lon: 16.73 Prof: 11.1 Km  
 ± 0.50 km ± 0.68 km ± 2.2 km  
 RMS: 0.38s GAP: 163.6° NR: 37

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	25	34.56	33.60	37.7	0.390
LADO	S	25	38.61	33.60	37.7	-0.297
ROG2	P	25	35.08	38.66	292.2	0.044
ROG2	S	25	39.91	38.66	292.2	-0.499
CUP2	P	25	35.34	40.96	336.0	-0.169
CUP2	S	25	41.38	40.96	336.0	0.151
MC32	P	25	35.51	42.72	320.6	-0.313
MC32	S	25	42.53	42.72	320.6	0.755
SPS2	P	25	35.67	44.04	308.0	-0.268
SPS2	S	25	42.19	44.04	308.0	0.217
SMIN	P	25	36.06	45.00	259.5	-0.039
SMIN	S	25	42.83	45.00	259.5	0.581
SCOI	P	25	37.17	49.72	302.8	0.313
SCOI	S	25	43.52	49.72	302.8	-0.042
CSC2	P	25	37.43	49.44	302.5	0.612

CSC2 S 25 43.45 49.44 302.5 -0.044  
 TDS P 25 41.27 76.44 332.9 -0.142  
 TDS S 25 51.59 76.44 332.9 0.139  
 CET2 P 25 43.49 86.37 308.3 0.109  
 CET2 S 25 54.27 86.37 308.3 -0.589

64 150612 0855 34.8 - Sila Grande  
 Lat: 39.30 Lon: 16.48 Prof: 20.4 Km  
 ± 0.51 km ± 0.58 km ± 2.1 km  
 RMS: 0.37s GAP: 41.9° NR: 30

STN	PHASE	MN	SEC	DIST	AZM	RES
MC32	P	55	38.93	6.99	309.7	-0.094
MC32	S	55	41.53	6.99	309.7	-0.547
CUP2	P	55	39.25	10.21	29.7	0.043
CUP2	S	55	42.89	10.21	29.7	0.496
ROG2	P	55	40.10	19.79	225.3	0.037
ROG2	S	55	43.67	19.79	225.3	-0.205
ROI	P	55	41.32	30.56	12.9	-0.380
ROI	S	55	46.11	30.56	12.9	-0.603
LADO	P	55	43.16	42.34	92.6	-0.129
LADO	S	55	49.07	42.34	92.6	-0.395
TDS	P	55	43.67	41.60	341.6	0.531
TDS	S	55	50.15	41.60	341.6	0.946
SMIN	P	55	44.19	43.09	211.5	0.763
SMIN	S	55	50.05	43.09	211.5	0.347
CET2	P	55	44.80	52.38	298.5	-0.199
CET2	S	55	51.85	52.38	298.5	-0.575

65 150612 1950 36.4 - Stretto di Messina  
 Lat: 38.27 Lon: 15.71 Prof: 10.2 Km  
 ± 0.45 km ± 0.40 km ± 1.4 km  
 RMS: 0.24s GAP: 115.8° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	50	42.92	32.64	157.3	0.180
CNDF	S	50	47.09	32.64	157.3	-0.243

66 150613 0235 59.0 - Stretta di Catanzaro  
 Lat: 38.89 Lon: 16.40 Prof: 5.0 Km  
 ± 3.15 km ± 0.74 km ± 1.3 km  
 RMS: 0.29s GAP: 242.0° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	36	2.84	17.50	299.5	0.180
SMIN	S	36	5.09	17.50	299.5	-0.211

67 150613 0417 43.2 - Stretto di Messina  
 Lat: 38.08 Lon: 15.57 Prof: 12.2 Km  
 ± 0.62 km ± 0.38 km ± 1.9 km  
 RMS: 0.33s GAP: 114.7° NR: 28

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	17	48.85	26.34	111.0	0.211
CNDF	S	17	52.30	26.34	111.0	-0.284

68 150613 1142 53.4 - Alto Tirreno Cosentino  
 Lat: 39.87 Lon: 16.01 Prof: 5.9 Km  
 ± 0.58 km ± 0.68 km ± 1.9 km  
 RMS: 0.32s GAP: 117.3° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	42	54.90	2.70	305.3	-0.035
MMN	S	42	55.80	2.70	305.3	-0.208
MMN9	P	42	54.98	3.34	60.3	-0.038
MMN9	S	42	56.44	3.34	60.3	0.289
CET2	P	43	.79	39.00	188.0	-0.156
CET2	S	43	6.02	39.00	188.0	-0.398

69 150614 0129 26.2 - Sila Grande  
 Lat: 39.29 Lon: 16.48 Prof: .5 Km  
 ± 0.44 km ± 0.37 km ± 1.2 km  
 RMS: 0.27s GAP: 111.0° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	29	28.92	11.34	26.8	0.132
CUP2	S	29	31.05	11.34	26.8	0.396
SPS2	P	29	29.19	12.91	269.2	0.072
SPS2	S	29	31.54	12.91	269.2	0.314
CSC2	P	29	30.45	19.90	267.9	-0.041

CSC2 S 29 33.53 19.90 267.9 -0.074

70 150614 0536 33.9 - Sila Grande  
 Lat: 39.23 Lon: 16.43 Prof: 15.9 Km  
 ± 0.42 km ± 0.49 km ± 2.1 km  
 RMS: 0.36s GAP: 44.4° NR: 36

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	36	37.74	11.24	233.3	0.109
ROG2	S	36	39.74	11.24	233.3	-0.566
MC32	P	36	37.94	11.68	358.4	0.115
MC32	S	36	40.44	11.68	358.4	-0.202
SCOI	P	36	38.36	16.02	290.4	0.239
SCOI	S	36	41.26	16.02	290.4	0.106
CSC2	P	36	38.37	15.80	289.4	0.270
CSC2	S	36	41.28	15.80	289.4	0.162
CUP2	P	36	38.96	19.00	32.1	0.288
CUP2	S	36	42.52	19.00	32.1	0.409
SMIN	P	36	41.26	34.30	210.6	0.411
SMIN	S	36	46.09	34.30	210.6	0.209
ROI	P	36	41.27	38.86	17.8	-0.542
ROI	S	36	46.86	38.86	17.8	-0.689
TDS	P	36	42.44	47.38	350.2	-0.486
TDS	S	36	48.91	47.38	350.2	-0.568
LADO	P	36	43.47	47.64	83.7	0.471
LADO	S	36	49.77	47.64	83.7	0.165
CET2	P	36	44.36	52.12	308.2	0.404
CET2	S	36	50.54	52.12	308.2	-0.721

71 150614 0556 22.3 - Piana di Gioia  
 Lat: 38.33 Lon: 15.93 Prof: 13.4 Km  
 ± 0.50 km ± 0.56 km ± 1.6 km  
 RMS: 0.28s GAP: 86.5° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	56	29.52	37.62	190.8	-0.078
CNDF	S	56	34.95	37.62	190.8	0.060

72 150614 0718 12.8 - Sila Grande  
 Lat: 39.42 Lon: 16.40 Prof: 13.5 Km  
 ± 0.51 km ± 0.50 km ± 2.2 km  
 RMS: 0.38s GAP: 91.7° NR: 36

STN	PHASE	MN	SEC	DIST	AZM	RES
MC32	P	18	16.18	8.83	169.7	0.117
MC32	S	18	18.27	8.83	169.7	-0.157
CUP2	P	18	16.68	12.75	109.6	0.223
CUP2	S	18	19.53	12.75	109.6	0.420
SPS2	P	18	16.79	15.77	202.4	0.061
SPS2	S	18	19.48	15.77	202.4	-0.099
SCOI	P	18	17.29	19.75	221.6	0.051
SCOI	S	18	20.38	19.75	221.6	-0.082
CSC2	P	18	17.49	19.92	220.7	0.222
CSC2	S	18	20.53	19.92	220.7	0.014
TDS	P	18	18.33	27.03	346.8	-0.010
TDS	S	18	22.37	27.03	346.8	-0.002
ROG2	P	18	18.45	28.00	194.7	-0.101
ROG2	S	18	22.35	28.00	194.7	-0.385
CET2	P	18	20.59	40.83	286.9	-0.227
CET2	S	18	26.22	40.83	286.9	-0.441
LADO	P	18	22.11	51.52	107.1	-0.293
LADO	S	18	28.65	51.52	107.1	-0.759
SMIN	P	18	23.13	52.26	197.3	0.585
SMIN	S	18	28.80	52.26	197.3	-0.853

73 150614 0920 49.8 - Catena del Pollino  
 Lat: 39.88 Lon: 16.16 Prof: 8.6 Km  
 ± 0.69 km ± 0.70 km ± 2.6 km  
 RMS: 0.45s GAP: 105.2° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	20	52.73	9.46	272.5	0.130
MMN9	S	20	54.48	9.46	272.5	-0.112
MMN	P	20	53.49	14.56	271.2	0.188
MMN	S	20	55.72	14.56	271.2	-0.086
CET2	P	20	58.25	43.66	204.0	-0.042
CET2	S	21	3.80	43.66	204.0	-0.652

74 150614 2114 34.9 - Bacino di Gioia  
 Lat: 38.37 Lon: 15.38 Prof: 115.7 Km  
 ± 1.64 km ± 2.21 km ± 3.8 km  
 RMS: 0.48s GAP: 140.9° NR: 35

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	14	53.26	58.50	135.8	0.235
CNDF	S	15	6.69	58.50	135.8	0.418
SMIN	P	14	55.96	98.43	48.2	-0.348
SMIN	S	15	10.97	98.43	48.2	-0.993
SPS2	P	14	58.93	130.62	39.4	-0.426
CET2	P	15	-.07	136.77	21.4	0.941
CET2	S	15	17.02	136.77	21.4	0.427
CUP2	P	15	1.80	150.21	42.2	0.594
CUP2	S	15	21.15	150.21	42.2	0.711
LADO	P	15	2.85	170.81	54.0	-0.282
LADO	S	15	22.86	170.81	54.0	-0.922

75 150614 2307 08.6 - Alto Tirreno Cosentino  
 Lat: 39.87 Lon: 16.16 Prof: 6.3 Km  
 ± 0.73 km ± 0.53 km ± 1.6 km  
 RMS: 0.36s GAP: 115.1° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	07	11.48	10.36	281.5	0.015
MMN9	S	07	13.12	10.36	281.5	-0.410
MMN	P	07	12.23	15.39	277.4	-0.063
MMN	S	07	14.48	15.39	277.4	-0.477
CET2	P	07	17.07	42.45	205.8	0.013
CET2	S	07	22.55	42.45	205.8	-0.672

76 150615 0127 22.0 - Sila Piccola  
 Lat: 39.17 Lon: 16.54 Prof: 19.3 Km  
 ± 0.61 km ± 0.58 km ± 1.6 km  
 RMS: 0.27s GAP: 90.6° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	27	27.32	22.56	306.1	-0.162
SPS2	S	27	31.08	22.56	306.1	-0.380
CUP2	P	27	27.63	23.60	359.5	-0.101
CUP2	S	27	32.75	23.60	359.5	0.858
SMIN	P	27	29.61	35.44	231.6	0.263
SMIN	S	27	34.57	35.44	231.6	-0.118

77 150615 0154 55.5 - Sila Piccola  
 Lat: 39.17 Lon: 16.54 Prof: 16.3 Km  
 ± 0.22 km ± 0.15 km ± 0.4 km  
 RMS: 0.06s GAP: 142.6° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	55	.54	21.77	305.9	-0.061
SPS2	S	55	4.30	21.77	305.9	0.030
SMIN	P	55	2.66	35.32	230.3	0.007
SMIN	S	55	7.88	35.32	230.3	0.058

78 150615 0201 00.5 - Sila Piccola  
 Lat: 39.17 Lon: 16.53 Prof: 16.7 Km  
 ± 0.22 km ± 0.16 km ± 0.2 km  
 RMS: 0.04s GAP: 167.8° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	01	5.58	21.80	307.1	-0.031
SPS2	S	01	9.35	21.80	307.1	0.037

79 150615 1419 59.4 - M. Nebrodi-Madonie  
 Lat: 37.74 Lon: 14.60 Prof: 26.0 Km  
 ± 0.66 km ± 1.17 km ± 2.9 km  
 RMS: 0.45s GAP: 82.8° NR: 28

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	20	18.88	113.89	76.0	0.074
CNDF	S	20	32.77	113.89	76.0	-0.211

80 150615 1721 23.7 - Scarpata di Paola  
 Lat: 39.15 Lon: 15.59 Prof: 215.9 Km  
 ± 2.92 km ± 5.43 km ± 3.5 km  
 RMS: 0.41s GAP: 226.3° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	21	52.61	52.05	36.5	0.229
CET2	S	22	13.34	52.05	36.5	0.009
CNDF	P	21	56.93	129.36	170.3	0.166
CNDF	S	22	21.62	129.36	170.3	0.699

81 150615 2320 41.6 - Alto Tirreno Cosentino  
 Lat: 39.89 Lon: 16.15 Prof: 5.2 Km  
 ± 0.73 km ± 0.72 km ± 2.5 km  
 RMS: 0.56s GAP: 65.5° NR: 23

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	20	44.23	8.90	268.5	0.210
MMN9	S	20	45.52	8.90	268.5	-0.261
MMN	P	20	44.95	14.01	268.6	-0.041
MMN	S	20	47.11	14.01	268.6	-0.370
TDS	P	20	48.73	30.40	149.0	0.961
TDS	S	20	53.19	30.40	149.0	0.909
CET2	P	20	49.99	44.02	203.0	-0.437
CET2	S	20	55.93	44.02	203.0	-0.961