



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

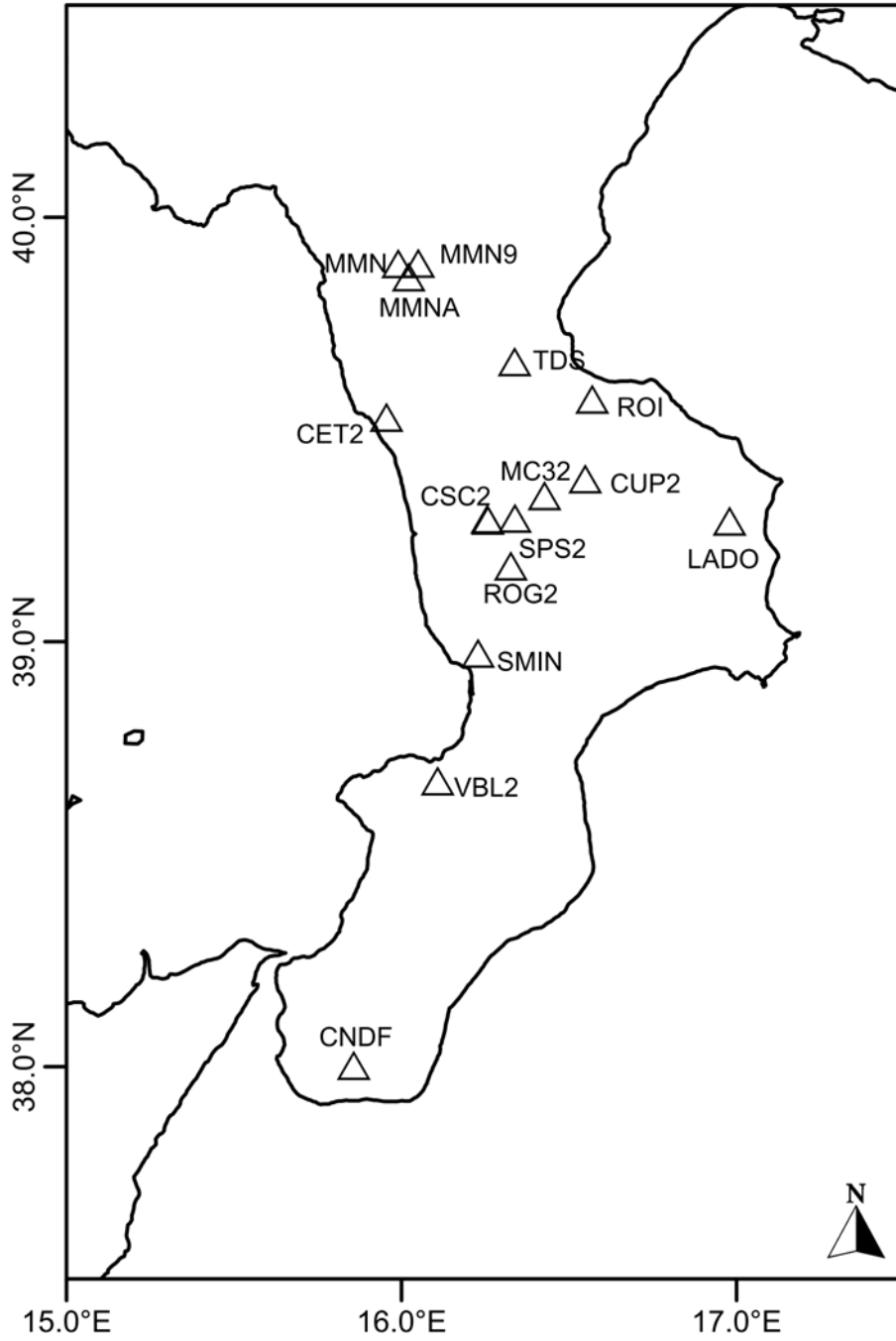
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DELLE AREE CIRCOSTANTI

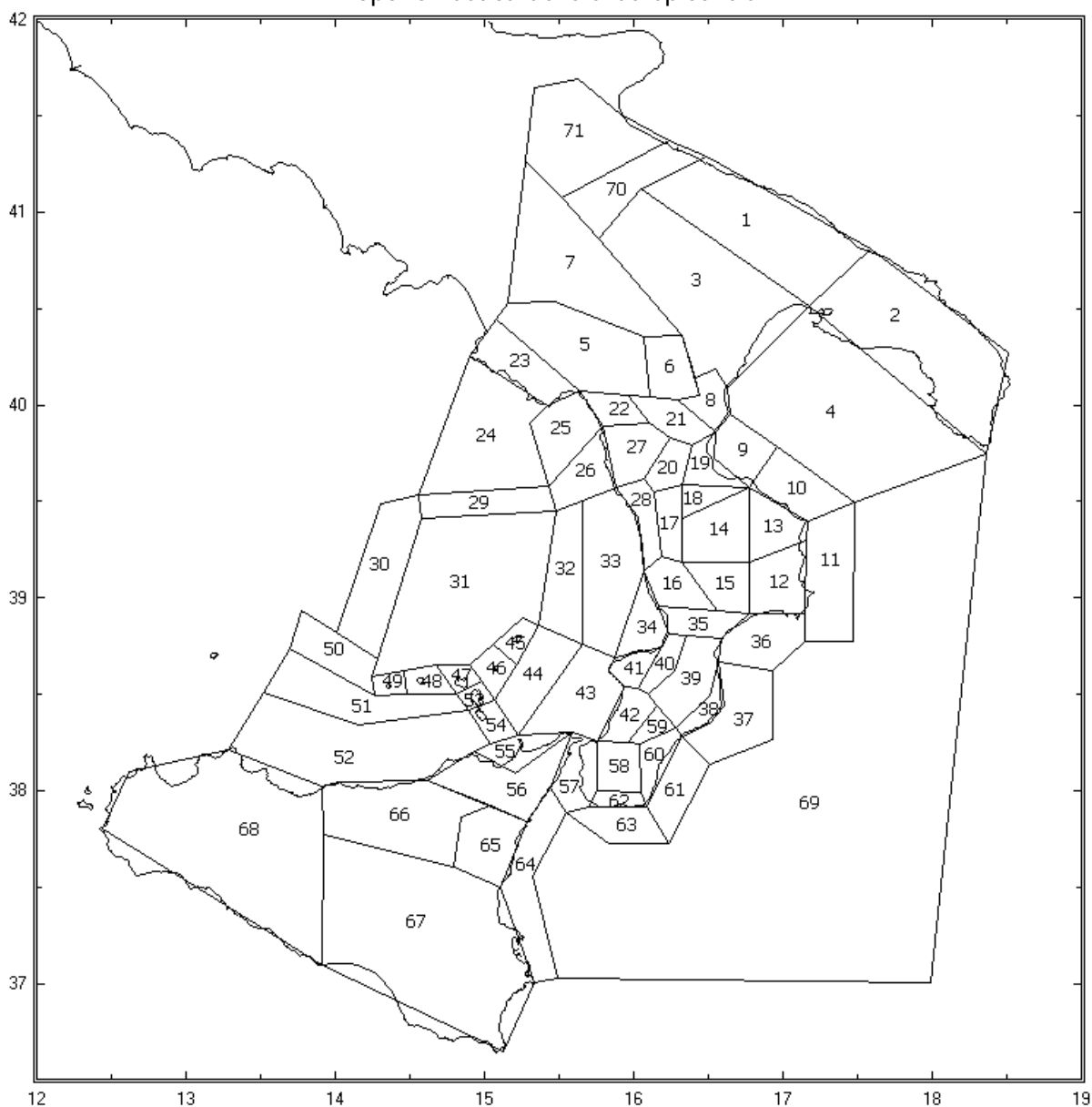
prodotto nell'ambito delle attività dell'O.R. 2.1

Periodo 01-15 Febbraio 2015

Distribuzione delle stazioni della Rete Sismica UniCal – Pon MASSIMO



Toponomastica delle aree epicentrali

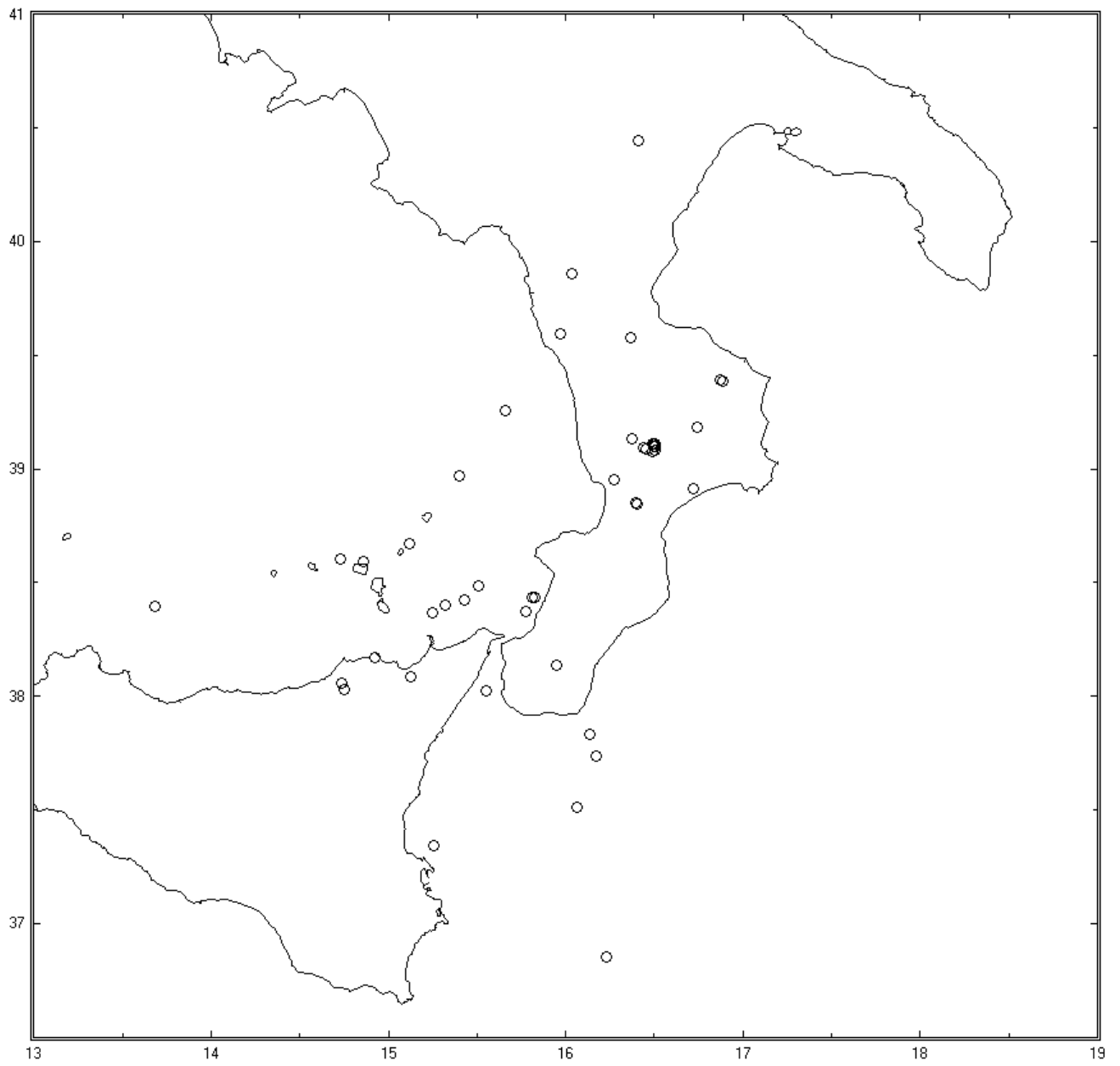


1 Murge	19 Piana di Sibari	37 Offshore Punta Stilo	55 Milazzo
2 Penisola Salentina	20 Valle dell'Esaro	38 Punta Stilo	56 Monti Peloritani
3 Piana del Bradano e del Basento	21 Catena del Pollino	39 Serre centro-settentrionali	57 Stretto di Messina
4 Golfo di Taranto	22 Marate - Rotonda	40 Valle del Mesima	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
150201	2154	11.2	38.3723	15.7742	112.7	2.7	2.46	8.06	4.34	29	144	0.54	0.21
150202	0439	53.1	39.1319	16.3753	29.6		1.86	2.08	1.03	6	321	0.18	0.24
150202	0552	49.5	39.0793	16.4876	24.7	2.3	0.58	0.77	2.25	26	119	0.39	0.10
150202	0601	59.1	39.0918	16.4387	22.4		2.37	2.43	1.91	8	298	0.33	0.39
150202	0628	48.0	39.0907	16.4509	21.0		2.19	2.37	1.63	6	301	0.28	0.40
150202	1704	34.4	39.1829	16.7443	20.0	2.3	0.74	0.77	2.29	22	90	0.40	0.12
150202	2005	49.5	39.1118	16.4860	17.8	1.4	1.27	0.72	1.93	17	225	0.33	0.19
150204	0814	8.4	36.8548	16.2270	33.5	2.9	2.18	2.33	3.56	18	272	0.46	0.39
150204	2020	12.8	38.3944	13.6809	2.3	3.2	1.15	0.94	2.62	34	117	0.58	0.15
150204	2222	37.3	38.0245	15.5489	126.3		10.53	9.49	3.13	6	314	0.39	0.37
150205	1620	32.8	40.4429	16.4079	16.9	2.2	0.63	0.69	2.43	27	106	0.42	0.09
150206	0852	27.3	38.6704	15.1203	257.9	4.7	1.15	1.49	3.66	101	107	0.43	0.05
150206	1819	50.2	39.1006	16.4947	0.6	1.4	0.84	0.54	1.22	14	192	0.27	0.13
150206	1909	50.5	38.8479	16.4058	3.6	3.2	0.43	0.78	2.03	48	126	0.45	0.08
150206	1913	18.1	38.8522	16.3940	5.7	3.0	0.43	0.73	2.48	52	123	0.43	0.07
150207	0445	6.6	38.4346	15.8245	24.0	2.6	0.59	0.69	2.49	34	65	0.43	0.08
150207	1247	4.5	38.0879	15.1290	15.6	2.5	0.58	0.38	1.83	34	56	0.32	0.06
150207	2003	29.5	39.0985	16.5054	16.9	1.4	0.49	0.67	1.89	20	80	0.33	0.08
150207	2135	29.0	39.1089	16.4952	19.6	2.1	0.47	0.56	2.12	32	74	0.36	0.07
150208	0542	32.2	38.9534	16.2748	12.4	1.8	0.58	0.75	1.40	9	130	0.24	0.08
150208	1714	7.3	38.4255	15.4317	119.9	2.6	2.00	1.88	2.40	20	185	0.29	0.11
150208	1939	21.4	37.3440	15.2575	18.3	3.1	0.64	0.79	2.73	55	154	0.47	0.09
150208	2220	48.1	38.5899	14.8602	3.8	2.9	1.78	1.90	1.72	14	290	0.38	0.33
150208	2353	8.0	38.6021	14.7297	27.0	3.0	1.76	2.81	3.72	16	281	0.48	0.42
150210	1001	6.2	38.4021	15.3240	111.9		2.73	3.70	2.72	10	285	0.34	0.33
150210	1712	10.0	39.1096	16.5009	17.4	1.9	0.58	0.63	2.29	28	72	0.39	0.08
150210	1739	25.6	39.0845	16.5019	19.1	1.3	1.44	0.95	1.91	11	199	0.33	0.17
150210	2228	55.2	38.1712	14.9204	120.5	2.4	2.70	2.42	4.33	21	67	0.54	0.17
150211	0142	7.6	38.0579	14.7386	21.7	2.9	0.63	0.61	2.96	64	51	0.51	0.08
150211	0356	59.8	38.0277	14.7478	22.4	3.1	0.66	0.56	3.02	72	51	0.52	0.08
150211	0941	31.7	37.5107	16.0617	35.0	2.3	1.39	2.03	3.10	30	216	0.40	0.24
150211	1040	49.6	39.8595	16.0349	1.3		0.81	0.66	1.40	6	137	0.31	0.13
150211	1547	49.5	38.9145	16.7188	28.4	1.8	1.38	2.31	3.56	19	176	0.55	0.23
150212	0743	36.3	39.2573	15.6597	224.9	2.8	2.19	3.11	3.66	33	196	0.43	0.15
150213	0259	0.3	37.8300	16.1387	42.9	1.5	1.13	1.45	3.01	24	197	0.39	0.17
150213	2212	19.7	38.9725	15.4028	272.7	2.6	2.84	3.92	4.27	36	156	0.50	0.14
150214	0531	41.1	37.7348	16.1690	35.4	2.2	0.79	1.49	3.36	40	205	0.43	0.18
150214	1009	21.7	39.3908	16.8682	26.9	1.2	0.80	1.35	1.76	10	164	0.27	0.11
150214	1016	53.4	39.3873	16.8838	26.7	0.8	0.54	0.71	1.09	11	172	0.17	0.07
150214	1145	20.3	38.4347	15.8104	17.7	1.7	0.51	0.49	1.87	29	70	0.32	0.08
150214	1544	15.6	38.1348	15.9512	8.6	1.2	0.96	0.71	1.59	10	197	0.27	0.15
150215	0134	9.3	38.4878	15.5091	131.8	2.1	1.02	1.72	3.64	57	110	0.44	0.09
150215	0657	11.8	38.3657	15.2486	111.6	2.4	1.65	1.36	2.50	28	138	0.31	0.09
150215	1245	14.9	39.5956	15.9687	30.3	1.4	1.09	1.88	2.89	15	154	0.37	0.14
150215	2338	48.1	39.5762	16.3644	7.9		1.25	1.88	3.61	10	157	0.62	0.22

Epicentri localizzati nel periodo di riferimento



BOLLETTINO

1 150201 2154 11.1 - Bacino di Gioia
 Lat: 38.37 Lon: 15.77 Prof: 112.7 Km
 ± 2.46 km ± 8.06 km ± 4.3 km
 RMS: 0.54s GAP: 144.5° NR: 29

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	54	28.14	44.35	41.2	-0.278
VBL2	S	54	42.01	44.35	41.2	0.951
SPS2	P	54	33.15	113.15	25.8	-0.557
SPS2	S	54	50.09	113.15	25.8	-0.127

2 150202 0439 53.1 - Amantea - M.Reventino
 Lat: 39.13 Lon: 16.37 Prof: 29.6 Km
 ± 1.86 km ± 2.08 km ± 1.0 km
 RMS: 0.18s GAP: 321.8° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	40	-0.50	17.94	349.8	0.109
SPS2	S	40	3.85	17.94	349.8	-0.125
CUP2	P	40	1.08	31.66	28.0	0.056
CUP2	S	40	6.74	31.66	28.0	-0.063
ROI	P	40	3.77	51.62	18.7	-0.166
ROI	S	40	12.04	51.62	18.7	0.191

3 150202 0552 49.4 - Sila Piccola
 Lat: 39.07 Lon: 16.48 Prof: 24.7 Km
 ± 0.58 km ± 0.77 km ± 2.3 km
 RMS: 0.39s GAP: 119.0° NR: 26

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	52	56.12	26.79	331.2	0.037
SPS2	S	53	0.32	26.79	331.2	-0.590
CUP2	P	52	57.56	34.17	8.6	0.373
CUP2	S	53	2.94	34.17	8.6	0.119
LADO	P	52	59.20	48.18	61.6	0.049
LADO	S	53	6.49	48.18	61.6	0.265
ROI	P	53	0.28	55.13	7.2	-0.216
ROI	S	53	8.72	55.13	7.2	0.166
VBL2	P	53	0.70	55.78	216.2	0.345
VBL2	S	53	7.87	55.78	216.2	-0.438
TDS	P	53	1.45	65.69	348.5	-0.460
TDS	S	53	10.46	65.69	348.5	-0.543
CET2	P	53	2.22	67.85	317.4	0.481
CET2	S	53	11.49	67.85	317.4	0.783

4 150202 0602 59.0 - Sila Piccola
 Lat: 39.09 Lon: 16.43 Prof: 22.4 Km
 ± 2.37 km ± 2.43 km ± 1.9 km
 RMS: 0.33s GAP: 298.4° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	02	3.90	13.68	314.5	0.026
ROG2	S	02	6.94	13.68	314.5	-0.464
SPS2	P	02	5.25	23.74	338.6	0.260
SPS2	S	02	9.57	23.74	338.6	0.233
CUP2	P	02	6.67	33.72	16.1	0.203
CUP2	S	02	12.00	33.72	16.1	0.106
ROI	P	02	9.42	54.46	11.8	-0.391
ROI	S	02	17.62	54.46	11.8	-0.068

5 150202 0628 48.0 - Sila Piccola
 Lat: 39.09 Lon: 16.45 Prof: 21.0 Km
 ± 2.19 km ± 2.37 km ± 1.6 km
 RMS: 0.28s GAP: 301.3° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	28	52.92	14.53	311.9	0.209
ROG2	S	28	55.91	14.53	311.9	-0.242
SPS2	P	28	53.89	24.25	336.4	0.037
SPS2	S	28	58.09	24.25	336.4	-0.041
ROI	P	28	58.43	54.37	10.6	-0.246
ROI	S	29	6.77	54.37	10.6	0.285

6 150202 1704 34.4 - Sila Piccola
 Lat: 39.18 Lon: 16.74 Prof: 20.0 Km
 ± 0.74 km ± 0.77 km ± 2.3 km
 RMS: 0.40s GAP: 90.3° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	04	40.17	23.19	60.7	0.165

LADO	S	04	44.22	23.19	60.7	0.138
CUP2	P	04	40.80	27.96	322.5	0.006
CUP2	S	04	45.50	27.96	322.5	0.051
ROG2	P	04	41.22	36.14	269.0	-0.683
ROG2	S	04	48.10	36.14	269.0	0.730
SPS2	P	04	42.04	37.01	288.7	0.006
SPS2	S	04	47.11	37.01	288.7	-0.485
ROI	P	04	43.05	45.73	340.5	-0.582
ROI	S	04	49.46	45.73	340.5	-0.904
TDS	P	04	46.34	63.45	326.3	0.095
TDS	S	04	55.36	63.45	326.3	0.471
CET2	P	04	48.66	78.14	299.4	0.229
CET2	S	04	58.84	78.14	299.4	0.164

7 150202 2005 49.4 - Sila Piccola
 Lat: 39.11 Lon: 16.48 Prof: 17.8 Km
 ± 1.27 km ± 0.72 km ± 1.9 km
 RMS: 0.33s GAP: 225.9° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	05	53.80	15.68	298.0	-0.060
ROG2	S	05	56.58	15.68	298.0	-0.496
SPS2	P	05	54.94	23.61	327.3	0.054
SPS2	S	05	59.03	23.61	327.3	0.180
CUP2	P	05	56.27	30.63	9.9	0.262
CUP2	S	06	1.32	30.63	9.9	0.516
ROI	P	05	59.18	51.57	7.8	-0.326
ROI	S	06	6.63	51.57	7.8	-0.224
CET2	P	06	1.52	65.13	315.3	-0.077
CET2	S	06	10.41	65.13	315.3	-0.079

8 150204 0814 08.3 - Piana batiale ionica
 Lat: 36.85 Lon: 16.22 Prof: 33.5 Km
 ± 2.18 km ± 2.33 km ± 3.6 km
 RMS: 0.46s GAP: 272.3° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	14	29.54	131.59	345.7	0.340
CNDF	S	14	44.24	131.59	345.7	-0.197

9 150204 2020 12.7 - Bacino di Cefalu'
 Lat: 38.39 Lon: 13.68 Prof: 2.3 Km
 ± 1.15 km ± 0.94 km ± 2.6 km
 RMS: 0.58s GAP: 117.1° NR: 34

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	20	44.68	195.54	103.8	0.924
CNDF	S	21	6.93	195.54	103.8	0.481
SPS2	P	20	49.55	251.30	67.4	0.000

10 150204 2222 37.2 - Stretto di Messina
 Lat: 38.02 Lon: 15.54 Prof: 126.3 Km
 ± 10.53 km ± 9.49 km ± 3.1 km
 RMS: 0.39s GAP: 314.1° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	22	55.52	27.17	95.3	0.304
CNDF	S	23	8.00	27.17	95.3	-0.353

11 150205 1620 32.7 - Piana Bradano e Basento
 Lat: 40.44 Lon: 16.40 Prof: 16.9 Km
 ± 0.63 km ± 0.69 km ± 2.4 km
 RMS: 0.42s GAP: 106.4° NR: 27

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNA	P	20	45.68	68.11	198.0	-0.095
MMNA	S	20	55.89	68.11	198.0	0.585

12 150206 0853 27.2 - Panarea
 Lat: 38.67 Lon: 15.12 Prof: 257.9 Km
 ± 1.15 km ± 1.49 km ± 3.7 km
 RMS: 0.43s GAP: 107.5° NR: 01

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	53	3.12	98.16	139.4	0.134
CNDF	S	53	28.67	98.16	139.4	-0.464
ROG2	P	53	3.60	118.79	62.0	-0.465
ROG2	S	53	31.42	118.79	62.0	0.415
CET2	P	53	3.73	119.54	37.6	0.418
CET2	S	53	30.19	119.54	37.6	0.491

CSC2	P	53	3.75	119.96	55.6	-0.319
CSC2	S	53	30.98	119.96	55.6	-0.032
SPS2	P	53	4.03	126.07	57.2	-0.430
SPS2	S	53	31.62	126.07	57.2	-0.068
TDS	P	53	6.11	152.05	44.1	0.081
TDS	S	53	34.43	152.05	44.1	0.025
MMN9	P	53	6.23	157.57	31.0	-0.309
MMN9	S	53	35.46	157.57	31.0	0.169
CUP2	P	53	6.26	146.81	57.6	0.624
CUP2	S	53	34.19	146.81	57.6	0.465
MMNA	P	53	6.47	159.64	34.6	-0.396
MMNA	S	53	35.58	159.64	34.6	-0.277
ROI	P	53	6.95	160.36	51.6	0.476
ROI	S	53	34.55	160.36	51.6	-0.627
LADO	P	53	7.59	174.90	67.2	0.310
LADO	S	53	36.61	174.90	67.2	0.037

13 150206 1819 50.2 - Sila Piccola
 Lat: 39.10 Lon: 16.49 Prof: 0.6 Km
 ± 0.84 km ± 0.54 km ± 1.2 km
 RMS: 0.27s GAP: 192.5° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	19	55.18	25.06	327.4	-0.212
SPS2	S	19	59.00	25.06	327.4	-0.173
CUP2	P	19	56.48	31.73	8.2	-0.151
CUP2	S	20	2.01	31.73	8.2	0.693
LADO	P	19	59.19	46.55	63.8	0.110
LADO	S	20	5.30	46.55	63.8	-0.259

14 150206 1909 50.5 - Stretta di Catanzaro
 Lat: 38.84 Lon: 16.40 Prof: 3.6 Km
 ± 0.43 km ± 0.78 km ± 2.0 km
 RMS: 0.45s GAP: 126.8° NR: 48

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	09	57.67	32.30	233.2	0.863
VBL2	S	10	2.10	32.30	233.2	0.684
ROG2	P	09	57.80	37.33	349.2	0.112
ROG2	S	10	3.33	37.33	349.2	0.395
SPS2	P	10	-0.11	49.53	353.2	0.103
SPS2	S	10	6.59	49.53	353.2	0.023
CUP2	P	10	1.76	60.71	11.5	-0.036
CUP2	S	10	10.96	60.71	11.5	0.910
LADO	P	10	3.13	69.33	45.4	-0.035
LADO	S	10	12.71	69.33	45.4	0.279
ROI	P	10	6.31	81.59	9.8	0.619
ROI	S	10	16.18	81.59	9.8	-0.626
CET2	P	10	6.48	85.05	332.8	0.306
CET2	S	10	16.75	85.05	332.8	-0.881
TDS	P	10	6.51	90.29	356.2	-0.238
TDS	S	10	18.48	90.29	356.2	-0.144
CNDF	P	10	8.99	105.28	207.1	-0.351
CNDF	S	10	23.93	105.28	207.1	0.802
MMNA	P	10	11.23	114.30	349.3	-0.374
MMNA	S	10	26.82	114.30	349.3	-0.217
MMN9	P	10	12.25	119.88	345.2	0.294
MMN9	S	10	27.14	119.88	345.2	-0.511

15 150206 1913 18.0 - Stretta di Catanzaro
 Lat: 38.85 Lon: 16.39 Prof: 5.7 Km
 ± 0.43 km ± 0.73 km ± 2.5 km
 RMS: 0.43s GAP: 123.8° NR: 52

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	13	25.02	31.79	231.5	0.930
VBL2	S	13	29.10	31.79	231.5	0.590
SPS2	P	13	27.10	48.94	354.3	0.058
SPS2	S	13	33.88	48.94	354.3	0.255
CUP2	P	13	29.17	60.46	12.6	0.061
CUP2	S	13	37.50	60.46	12.6	0.299
LADO	P	13	30.60	69.73	46.3	0.004
LADO	S	13	39.90	69.73	46.3	0.122
ROI	P	13	32.78	81.30	10.6	-0.206
ROI	S	13	43.51	81.30	10.6	-0.408
CET2	P	13	33.27	84.16	333.2	-0.091
CET2	S	13	43.95	84.16	333.2	-0.616
TDS	P	13	33.91	89.74	356.8	-0.103
TDS	S	13	45.77	89.74	356.8	0.088
CNDF	P	13	36.41	105.25	206.5	-0.288

CNDF	S	13	50.26	105.25	206.5	-0.077
MMNA	P	13	38.64	113.64	349.8	-0.187
MMNA	S	13	53.11	113.64	349.8	-0.921
MMN9	P	13	39.64	119.16	345.6	0.453
MMN9	S	13	54.72	119.16	345.6	0.065

16 150207 0445 06.5 - Bacino di Gioia
 Lat: 38.43 Lon: 15.82 Prof: 24.0 Km
 ± 0.59 km ± 0.69 km ± 2.5 km
 RMS: 0.43s GAP: 65.3° NR: 34

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	45	14.77	36.27	43.1	0.382
VBL2	S	45	19.45	36.27	43.1	-0.667
CNDF	P	45	16.34	47.96	176.8	0.212
CNDF	S	45	22.91	47.96	176.8	-0.221
CSC2	P	45	25.54	101.75	21.8	0.570
CSC2	S	45	38.13	101.75	21.8	-0.315
CUP2	P	45	27.40	122.61	30.8	-0.688
CUP2	S	45	43.84	122.61	30.8	-0.007

17 150207 1247 04.4 - M. Peloritani
 Lat: 38.08 Lon: 15.12 Prof: 15.6 Km
 ± 0.58 km ± 0.38 km ± 1.8 km
 RMS: 0.32s GAP: 56.3° NR: 34

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	47	16.42	64.60	98.8	0.108
CNDF	S	47	24.79	64.60	98.8	-0.183

18 150207 2003 29.5 - Sila Piccola
 Lat: 39.09 Lon: 16.50 Prof: 16.9 Km
 ± 0.49 km ± 0.67 km ± 1.9 km
 RMS: 0.33s GAP: 80.2° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	03	34.95	25.77	325.9	-0.203
SPS2	S	03	39.16	25.77	325.9	-0.124
CUP2	P	03	36.29	31.85	6.5	0.114
CUP2	S	03	41.33	31.85	6.5	0.276
ROI	P	03	39.28	52.83	5.8	-0.446
ROI	S	03	46.96	52.83	5.8	-0.244

19 150207 2135 29.0 - Sila Piccola
 Lat: 39.10 Lon: 16.49 Prof: 19.6 Km
 ± 0.47 km ± 0.56 km ± 2.1 km
 RMS: 0.36s GAP: 74.1° NR: 32

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	35	33.66	16.53	297.7	-0.069
ROG2	S	35	36.55	16.53	297.7	-0.637
SPS2	P	35	34.74	24.32	326.1	0.038
SPS2	S	35	38.59	24.32	326.1	-0.292
CSC2	P	35	35.31	28.43	313.8	0.075
CSC2	S	35	39.67	28.43	313.8	-0.131
CUP2	P	35	36.04	30.82	8.3	0.306
CUP2	S	35	40.88	30.82	8.3	0.221
LADO	P	35	37.85	46.11	64.8	-0.132
LADO	S	35	44.96	46.11	64.8	0.401
ROI	P	35	38.99	51.78	6.9	-0.176
ROI	S	35	46.73	51.78	6.9	0.124
TDS	P	35	40.13	62.61	347.3	-0.518
VBL2	P	35	40.39	58.83	214.8	0.324
VBL2	S	35	49.04	58.83	214.8	0.872
CET2	P	35	41.29	65.93	315.0	0.106
CET2	S	35	49.58	65.93	315.0	-0.521

20 150208 0542 32.2 - Stretta di Catanzaro
 Lat: 38.95 Lon: 16.27 Prof: 12.4 Km
 ± 0.58 km ± 0.75 km ± 1.4 km
 RMS: 0.24s GAP: 130.3° NR: 9

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	42	39.21	34.25	205.1	0.327
VBL2	S	42	43.56	34.25	205.1	-0.190

21 150208 1714 07.2 - Bacino di Gioia
 Lat: 38.42 Lon: 15.43 Prof: 119.9 Km
 ± 2.00 km ± 1.88 km ± 2.4 km
 RMS: 0.29s GAP: 185.0° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	14	25.68	59.88	141.9	-0.079
CNDF	S	14	39.36	59.88	141.9	0.056

22 150208 1939 21.3 - Coste Sicilia Or.
 Lat: 37.34 Lon: 15.25 Prof: 18.3 Km
 ± 0.64 km ± 0.79 km ± 2.7 km
 RMS: 0.47s GAP: 154.9° NR: 55

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	39	37.40	90.28	36.3	-0.089
CNDF	S	39	48.99	90.28	36.3	-0.302
VBL2	P	39	48.44	165.41	27.2	0.396
VBL2	S	40	8.38	165.41	27.2	0.801
SPS2	P	39	57.10	235.89	23.9	-0.044
SPS2	S	40	22.63	235.89	23.9	-0.717
CET2	P	39	58.28	250.03	14.5	0.000
CET2	S	40	24.38	250.03	14.5	0.000

23 150208 2221 48.0 - Salina
 Lat: 38.58 Lon: 14.86 Prof: 3.8 Km
 ± 1.78 km ± 1.90 km ± 1.7 km
 RMS: 0.38s GAP: 290.6° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	21	7.07	108.85	127.3	-0.348
VBL2	P	21	7.49	109.04	85.6	-0.054
VBL2	S	21	21.79	109.04	85.6	-0.013
ROG2	P	21	12.25	142.97	63.2	-0.127
ROG2	S	21	29.26	142.97	63.2	-0.912
CSC2	P	21	12.33	143.73	57.9	-0.102
CSC2	S	21	30.10	143.73	57.9	-0.160

24 150208 2353 07.9 - Salina
 Lat: 38.60 Lon: 14.72 Prof: 27.0 Km
 ± 1.76 km ± 2.81 km ± 3.7 km
 RMS: 0.48s GAP: 281.9° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	53	26.50	118.94	124.6	-0.220
CNDF	S	53	40.05	118.94	124.6	-0.381
VBL2	P	53	27.10	120.26	86.7	-0.154
VBL2	S	53	41.34	120.26	86.7	-0.011
CET2	P	53	28.75	147.72	46.4	-0.666
CET2	S	53	45.56	147.72	46.4	0.465
CSC2	P	53	32.19	152.70	60.6	0.642
CSC2	S	53	48.36	152.70	60.6	-0.425
SPS2	P	53	32.68	159.08	61.7	0.248
SPS2	S	53	49.90	159.08	61.7	-0.420

25 150210 1001 06.1 - Canyon di Stromboli
 Lat: 38.40 Lon: 15.32 Prof: 111.9 Km
 ± 2.73 km ± 3.70 km ± 2.7 km
 RMS: 0.34s GAP: 285.6° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	01	24.54	64.35	133.9	0.220
CNDF	S	01	38.13	64.35	133.9	0.543

26 150210 1712 10.0 - Sila Piccola
 Lat: 39.10 Lon: 16.50 Prof: 17.4 Km
 ± 0.58 km ± 0.63 km ± 2.3 km
 RMS: 0.39s GAP: 72.9° NR: 28

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	12	14.46	16.94	296.7	-0.056
ROG2	S	12	17.02	16.94	296.7	-0.788
SPS2	P	12	15.52	24.53	325.1	-0.014
SPS2	S	12	19.52	24.53	325.1	-0.049
CUP2	P	12	16.83	30.67	7.5	0.284
CUP2	S	12	21.86	30.67	7.5	0.541
LADO	P	12	18.76	45.63	64.6	-0.035
LADO	S	12	25.40	45.63	64.6	0.182
ROI	P	12	19.84	51.65	6.4	-0.221
ROI	S	12	27.08	51.65	6.4	-0.331
VBL2	P	12	21.29	59.18	215.1	0.246
VBL2	S	12	29.59	59.18	215.1	0.480
TDS	P	12	21.34	62.65	346.9	-0.241
CET2	P	12	22.10	66.22	314.7	-0.238
CET2	S	12	31.74	66.22	314.7	0.386

27 150210 1739 25.6 - Sila Piccola
 Lat: 39.08 Lon: 16.50 Prof: 19.1 Km
 ± 1.44 km ± 0.95 km ± 1.9 km
 RMS: 0.33s GAP: 199.3° NR: 11

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	39	31.43	26.91	328.3	-0.202
SPS2	S	39	35.50	26.91	328.3	-0.536
CUP2	P	39	32.84	33.43	6.7	0.144
CUP2	S	39	38.27	33.43	6.7	0.391
CET2	P	39	37.93	68.27	316.3	-0.240

28 150210 2229 55.1 - M. Peloritani
 Lat: 38.17 Lon: 14.92 Prof: 120.5 Km
 ± 2.70 km ± 2.42 km ± 4.3 km
 RMS: 0.54s GAP: 67.1° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	29	15.70	84.27	103.3	0.209
CNDF	S	29	31.27	84.27	103.3	0.898
CET2	P	29	24.35	175.41	31.3	0.857
CET2	S	29	45.06	175.41	31.3	0.831

29 150211 0142 07.6 - M. Peloritani
 Lat: 38.05 Lon: 14.73 Prof: 21.7 Km
 ± 0.63 km ± 0.61 km ± 3.0 km
 RMS: 0.51s GAP: 51.6° NR: 64

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	42	25.14	98.39	94.1	-0.226
CNDF	S	42	38.60	98.39	94.1	0.239
VBL2	P	42	30.97	137.82	60.8	-0.726
VBL2	S	42	48.94	137.82	60.8	-0.384
CET2	P	42	37.87	194.47	33.5	0.942
CET2	S	42	58.68	194.47	33.5	0.295
SPS2	P	42	38.20	195.25	45.9	-0.874
SPS2	S	43	1.67	195.25	45.9	-0.433
CSC2	P	42	38.31	189.92	44.6	-0.034
CSC2	S	43	1.07	189.92	44.6	0.231

30 150211 0357 59.7 - M. Peloritani
 Lat: 38.02 Lon: 14.74 Prof: 22.4 Km
 ± 0.66 km ± 0.56 km ± 3.0 km
 RMS: 0.52s GAP: 51.0° NR: 72

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	57	17.19	97.46	92.2	-0.191
CNDF	S	57	30.72	97.46	92.2	0.443
VBL2	P	57	23.06	138.84	59.4	-0.837
VBL2	S	57	41.39	138.84	59.4	-0.172
ROG2	P	57	29.87	187.64	47.5	-0.299
ROG2	S	57	52.54	187.64	47.5	0.113
CSC2	P	57	30.00	191.81	43.7	-0.655
CSC2	S	57	53.02	191.81	43.7	-0.248
CET2	P	57	30.11	196.88	32.7	0.797
CET2	S	57	51.47	196.88	32.7	0.527
SPS2	P	57	30.54	197.07	45.1	-0.837
SPS2	S	57	54.79	197.07	45.1	0.272
CUP2	P	57	33.44	217.18	46.5	-0.107
CUP2	S	57	59.08	217.18	46.5	0.803
ROI	P	57	35.46	233.26	43.1	-0.220
ROI	S	58	2.44	233.26	43.1	0.470
MMNA	P	57	36.30	237.38	31.5	-0.569
MMNA	S	58	3.59	237.38	31.5	-0.439

31 150211 0941 31.7 - Piana bat. ionica
 Lat: 37.51 Lon: 16.06 Prof: 35.0 Km
 ± 1.39 km ± 2.03 km ± 3.1 km
 RMS: 0.40s GAP: 216.3° NR: 30

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	41	43.07	57.56	341.9	0.091
CNDF	S	41	51.19	57.56	341.9	-0.034

32 150211 1040 49.5 - Alto Tirreno Cosentino
 Lat: 39.85 Lon: 16.03 Prof: 1.3 Km
 ± 0.81 km ± 0.66 km ± 1.4 km
 RMS: 0.31s GAP: 137.4° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES	STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	40	50.68	5.14	312.7	-0.148	LADO	P	09	26.90	15.25	140.6	-0.281
MMN	S	40	51.87	5.14	312.7	0.134	LADO	S	09	31.78	15.25	140.6	0.562
MMNA	P	40	52.33	10.71	90.0	0.320	ROI	P	09	29.38	32.64	307.7	0.046
MMNA	S	40	53.38	10.71	90.0	-0.400	ROI	S	09	35.16	32.64	307.7	0.216
CET2	P	40	56.98	37.36	190.8	-0.054							
CET2	S	41	2.52	37.36	190.8	0.032							
33 150211 1547 49.5 - Stretta di Catanzaro							39 150214 1016 53.3 - Presila nord-or.						
Lat: 38.91 Lon: 16.71 Prof: 28.4 Km							Lat: 39.38 Lon: 16.88 Prof: 26.7 Km						
± 1.38 km ± 2.31 km ± 3.6 km							± 0.54 km ± 0.71 km ± 1.1 km						
RMS: 0.55s GAP: 176.7° NR: 19							RMS: 0.17s GAP: 172.6° NR: 11						
STN	PHASE	MN	SEC	DIST	AZM	RES	STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	47	59.03	46.79	28.4	-0.103	LADO	P	16	58.57	14.12	143.9	-0.175
LADO	S	48	7.06	46.79	28.4	0.907	LADO	S	17	3.00	14.12	143.9	0.306
CUP2	P	48	0.03	54.11	343.9	-0.324	ROI	P	17	1.12	33.94	306.8	-0.056
CUP2	S	48	9.09	54.11	343.9	0.820	ROI	S	17	6.90	33.94	306.8	-0.002
CET2	P	48	5.92	94.90	315.9	0.826							
34 150212 0744 36.3 - Bacino di Paola							40 150214 1145 20.3 - Bacino di Gioia						
Lat: 39.25 Lon: 15.65 Prof: 224.9 Km							Lat: 38.43 Lon: 15.81 Prof: 17.7 Km						
± 2.19 km ± 3.11 km ± 3.7 km							± 0.51 km ± 0.49 km ± 1.9 km						
RMS: 0.43s GAP: 196.3° NR: 33							RMS: 0.32s GAP: 70.0° NR: 29						
STN	PHASE	MN	SEC	DIST	AZM	RES	STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	44	5.85	39.42	40.4	0.217	CNDF	P	45	29.52	48.06	175.4	-0.011
CET2	S	44	27.49	39.42	40.4	0.398	CNDF	S	45	35.93	48.06	175.4	-0.323
CUP2	P	44	8.11	77.88	79.7	0.581							
CUP2	S	44	31.17	77.88	79.7	0.794							
LADO	P	44	8.93	113.92	88.5	-0.172							
LADO	S	44	33.86	113.92	88.5	0.758							
CNDF	P	44	11.05	140.27	173.3	0.112							
CNDF	S	44	36.42	140.27	173.3	0.138							
35 150213 0259 00.2 - Offshore Calabria Meridionale							41 150214 1544 15.5 - Aspromonte						
Lat: 37.83 Lon: 16.13 Prof: 42.9 Km							Lat: 38.13 Lon: 15.95 Prof: 8.6 Km						
± 1.13 km ± 1.45 km ± 3.0 km							± 0.96 km ± 0.71 km ± 1.6 km						
RMS: 0.39s GAP: 197.7° NR: 24							RMS: 0.27s GAP: 197.7° NR: 10						
STN	PHASE	MN	SEC	DIST	AZM	RES	STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	59	9.24	31.34	308.0	0.283	CNDF	P	44	19.48	16.76	209.7	0.339
CNDF	S	59	15.27	31.34	308.0	-0.033	CNDF	S	44	21.18	16.76	209.7	-0.567
36 150213 2212 19.7 - Scarpata di Paola							42 150215 0134 09.2 - Bacino di Gioia						
Lat: 38.97 Lon: 15.40 Prof: 272.7 Km							Lat: 38.48 Lon: 15.50 Prof: 131.8 Km						
± 2.84 km ± 3.92 km ± 4.3 km							± 1.02 km ± 1.72 km ± 3.6 km						
RMS: 0.50s GAP: 156.5° NR: 36							RMS: 0.44s GAP: 110.8° NR: 57						
STN	PHASE	MN	SEC	DIST	AZM	RES	STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	12	55.53	71.53	90.2	-0.512	VBL2	P	34	28.93	56.11	68.7	-0.147
SMIN	S	13	21.71	71.53	90.2	-0.926	VBL2	S	34	43.43	56.11	68.7	-0.135
VBL2	P	12	55.56	69.64	118.7	-0.456	CNDF	P	34	29.21	61.81	150.8	0.015
VBL2	S	13	22.17	69.64	118.7	-0.422	CNDF	S	34	43.94	61.81	150.8	0.172
CET2	P	12	55.73	77.99	38.0	0.209	SMIN	P	34	30.37	82.52	49.5	-0.365
CET2	S	13	22.55	77.99	38.0	0.823	SMIN	S	34	46.27	82.52	49.5	-0.166
SPS2	P	12	57.04	88.31	66.6	0.388	ROG2	P	34	32.36	104.44	43.0	-0.073
SPS2	S	13	23.72	88.31	66.6	0.030	ROG2	S	34	48.89	104.44	43.0	-0.487
CUP2	P	12	58.30	108.97	65.4	0.794	CSC2	P	34	32.54	109.90	36.5	-0.297
CUP2	S	13	26.50	108.97	65.4	1.337	CSC2	S	34	49.98	109.90	36.5	-0.097
ROI	P	12	58.64	120.65	56.7	0.608	SPS2	P	34	33.08	114.59	39.1	-0.215
ROI	S	13	24.17	120.65	56.7	1.909	SPS2	S	34	50.54	114.59	39.1	-0.331
LADO	P	12	58.90	140.64	75.8	-0.034	CET2	P	34	33.82	121.83	18.8	0.709
LADO	S	13	27.73	140.64	75.8	0.086	CET2	S	34	51.50	121.83	18.8	0.950
							CUP2	P	34	35.63	134.17	42.3	0.661
							CUP2	S	34	53.42	134.17	42.3	-0.348
							LADO	P	34	36.57	155.19	55.3	-0.188
							LADO	S	34	57.82	155.19	55.3	0.952
							MMN	P	34	37.48	161.22	15.3	-0.362
							MMN	S	34	58.91	161.22	15.3	0.165
							ROI	P	34	37.54	151.35	37.5	0.877
							ROI	S	34	55.96	151.35	37.5	-0.742
37 150214 0531 41.1 - Offshore Calabria Meridionale							43 150215 0657 11.7 - Canyon di Stromboli						
Lat: 37.73 Lon: 16.16 Prof: 35.4 Km							Lat: 38.36 Lon: 15.24 Prof: 111.6 Km						
± 0.79 km ± 1.49 km ± 3.4 km							± 1.65 km ± 1.36 km ± 2.5 km						
RMS: 0.43s GAP: 205.3° NR: 40							RMS: 0.31s GAP: 138.4° NR: 28						
STN	PHASE	MN	SEC	DIST	AZM	RES	STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	31	50.60	40.51	317.5	0.390	CNDF	P	57	30.02	66.80	127.5	-0.021
CNDF	S	31	56.68	40.51	317.5	-0.199	CNDF	S	57	44.03	66.80	127.5	0.621
38 150214 1009 21.6 - Presila nord-or.							43 150215 0657 11.7 - Canyon di Stromboli						
Lat: 39.39 Lon: 16.86 Prof: 26.9 Km							Lat: 38.36 Lon: 15.24 Prof: 111.6 Km						
± 0.80 km ± 1.35 km ± 1.8 km							± 1.65 km ± 1.36 km ± 2.5 km						
RMS: 0.27s GAP: 164.3° NR: 10							RMS: 0.31s GAP: 138.4° NR: 28						
STN	PHASE	MN	SEC	DIST	AZM	RES	STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	57	31.48	82.37	65.8	0.013	VBL2	P	57	31.48	82.37	65.8	0.013
VBL2	S	57	46.41	82.37	65.8	0.532	VBL2	S	57	46.41	82.37	65.8	0.532
SMIN	P	57	34.10	108.68	52.0	0.283	SMIN	P	57	34.10	108.68	52.0	0.283
SMIN	S	57	49.59	108.68	52.0	-0.357	SMIN	S	57	49.59	108.68	52.0	-0.357

44 150215 1245 14.9 - Catena Costiera
 Lat: 39.59 Lon: 15.96 Prof: 30.3 Km
 ± 1.09 km ± 1.88 km ± 2.9 km
 RMS: 0.37s GAP: 154.2° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	45	20.50	7.51	189.5	0.462
CET2	S	45	23.77	7.51	189.5	-0.018
TDS	P	45	22.55	32.43	77.4	0.300
TDS	S	45	27.30	32.43	77.4	-0.319
MMN	P	45	22.77	32.83	3.4	0.356
MMN	S	45	28.00	32.83	3.4	0.098
MMNA	P	45	23.00	33.60	29.4	0.258
MMNA	S	45	28.10	33.60	29.4	-0.368

45 150215 2338 48.1 - Sila Greca
 Lat: 39.57 Lon: 16.36 Prof: 7.9 Km
 ± 1.25 km ± 1.88 km ± 3.6 km
 RMS: 0.62s GAP: 157.6° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
TDS	P	38	50.57	9.52	345.8	0.036
TDS	S	38	52.62	9.52	345.8	0.333
CUP2	P	38	52.76	26.61	143.4	-0.662
CUP2	S	38	57.03	26.61	143.4	-0.252
CET2	P	38	54.39	35.61	261.5	-0.668
CET2	S	39	-0.25	35.61	261.5	-0.370
MMNA	P	38	55.81	36.01	330.9	0.439
MMNA	S	39	0.52	36.01	330.9	-0.141
SMIN	P	39	1.04	68.00	189.9	0.633
SMIN	S	39	10.26	68.00	189.9	0.876