



**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

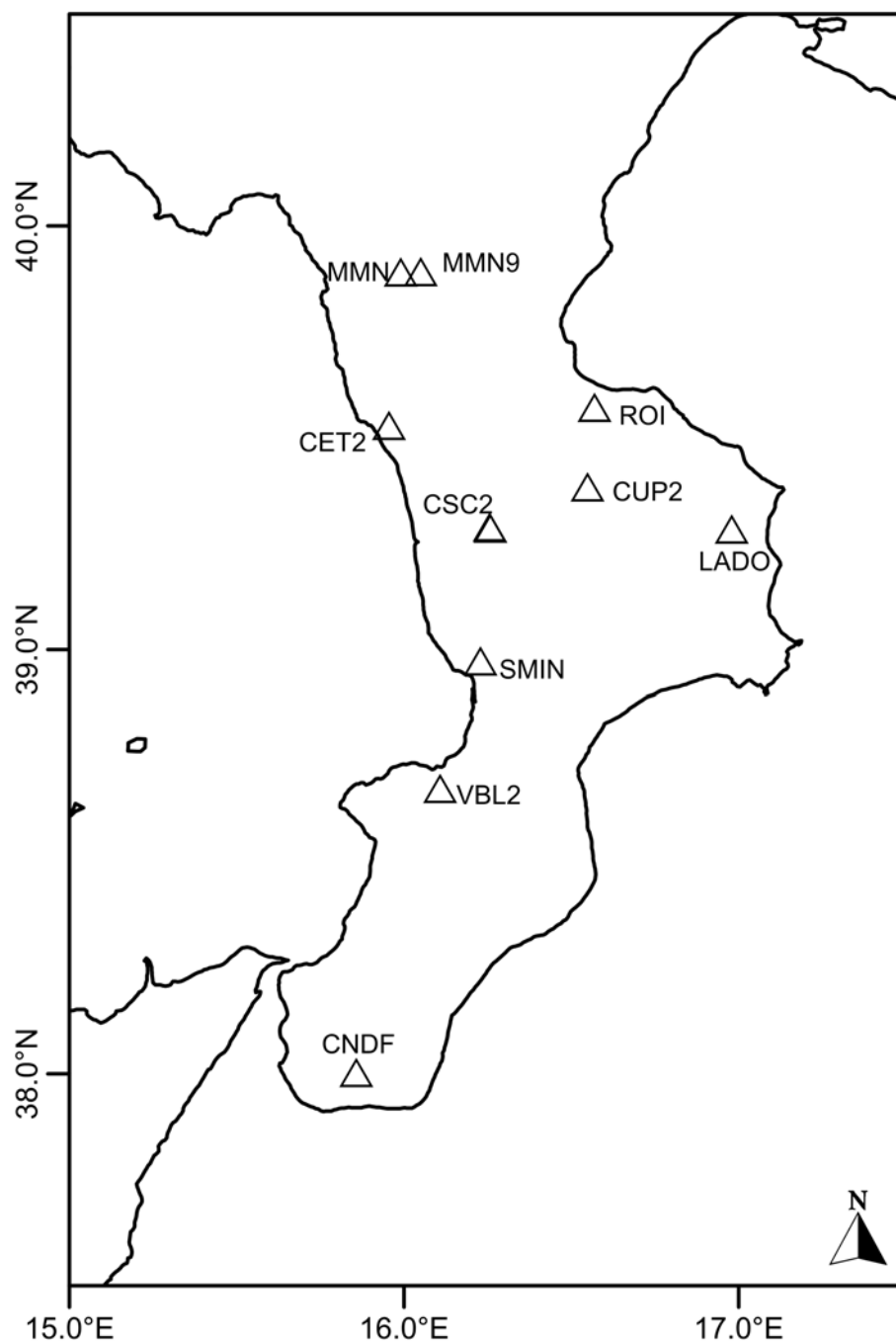
E

DELLE AREE CIRCOSTANTI

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

Periodo 01-15 Marzo 2014

Distribuzione delle stazioni della Rete Sismica UniCal – Pon MASSIMO



Toponomastica delle aree epicentrali

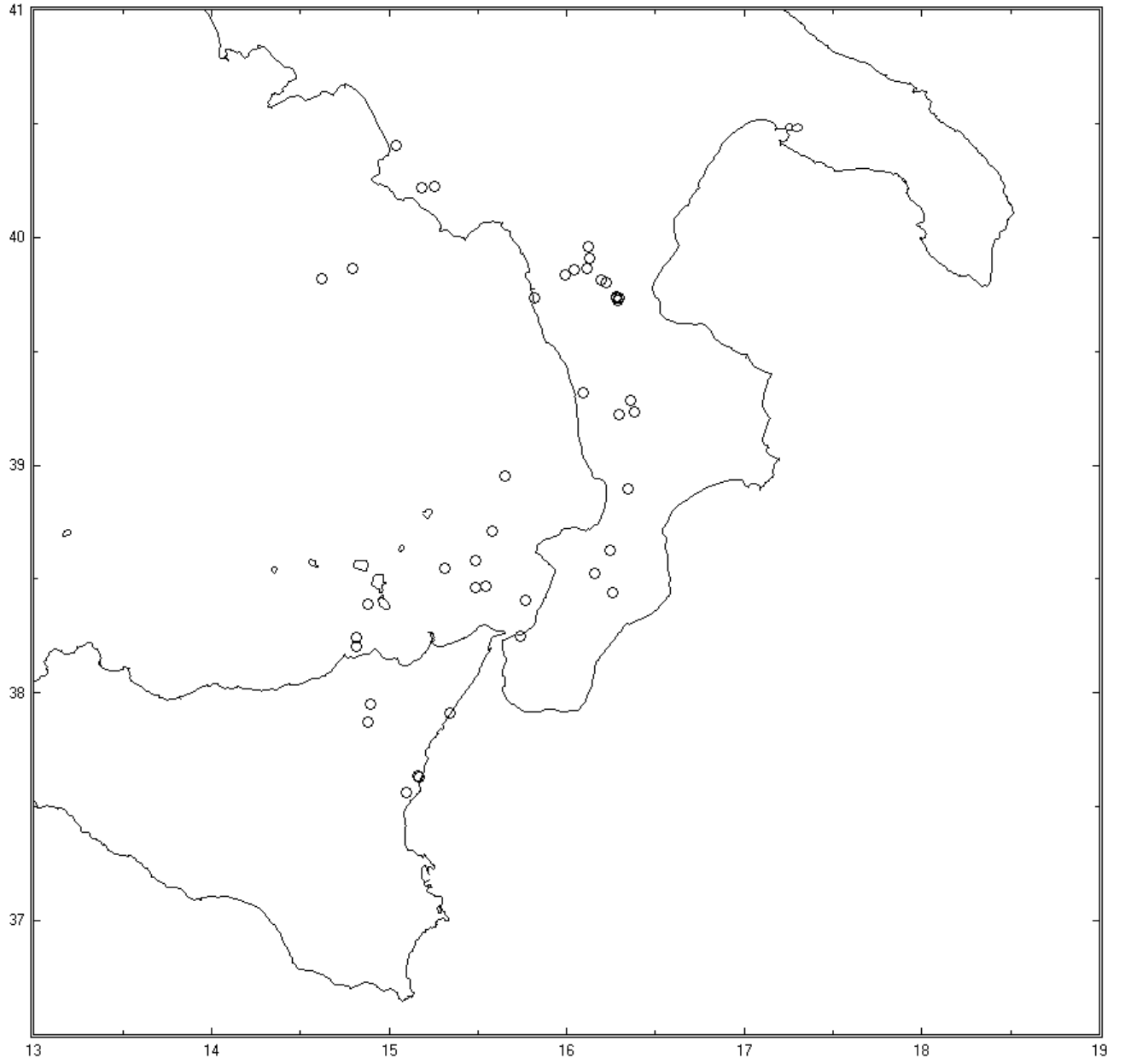


1 Murge	19 Piana di Sibari	37 Offshore Punta Stilo	55 Milazzo
2 Penisola Salentina	20 Valle dell'Esaro	38 Punta Stilo	56 Monti Peloritani
3 Piana del Bradano e del Basento	21 Catena del Pollino	39 Serre centro-settentrionali	57 Stretto di Messina
4 Golfo di Taranto	22 Marate - Rotonda	40 Valle del Mesima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

Parametri ipocentrali degli eventi localizzati nel periodo di riferimento

Data	Orario		Lat N	LON E	H ₀	m	δlat	δlon	δH ₀	nr	GAP	sqm	δT ₀
	aammgg	hhmm ss.s	°	°	km		km	km	km		°	sec	sec
140301	0148	49.8	40.2210	15.1802	4.4	2.9	0.53	0.91	2.05	55	172	0.46	0.13
140301	0234	58.5	39.8610	16.0454	1.9		0.24	0.45	0.50	6	184	0.11	0.06
140301	0525	33.6	39.2827	16.3623	12.4	1.8	0.43	0.35	1.55	26	64	0.27	0.06
140301	1151	24.1	40.2225	15.2553	2.5	2.7	0.70	1.39	2.22	34	219	0.49	0.21
140301	1853	47.3	37.9122	15.3392	20.5	2.5	0.56	0.51	2.66	50	102	0.46	0.07
140302	0730	44.7	38.4402	16.2562	38.2	2.1	0.70	0.94	2.30	30	115	0.35	0.09
140303	0626	4.4	40.4054	15.0405	0.0	2.8	0.74	1.40	2.07	29	170	0.46	0.16
140303	2228	36.2	38.6271	16.2477	18.3	1.5	0.35	0.40	0.92	12	126	0.16	0.05
140306	0302	29.0	38.5502	15.3157	198.2	2.9	2.22	3.11	3.79	46	136	0.46	0.12
140306	1215	44.6	39.8362	15.9905	0.0	1.1	0.53	0.88	1.37	10	171	0.31	0.13
140306	1238	45.8	39.8637	16.1143	9.9	0.9	0.71	0.68	1.80	12	140	0.31	0.10
140306	1319	20.5	38.7129	15.5807	184.9	2.9	1.19	2.18	3.78	61	124	0.46	0.07
140306	1600	18.8	38.4047	15.7703	21.3	2.9	0.49	0.59	2.86	66	60	0.49	0.06
140307	0031	32.3	38.4648	15.4849	127.6	2.6	0.97	1.32	2.40	37	91	0.29	0.06
140307	1203	24.4	38.3874	14.8801	15.2	3.4	0.62	0.56	2.66	48	101	0.46	0.09
140307	2112	45.3	38.5794	15.4844	169.9	2.5	2.63	4.55	3.37	15	174	0.41	0.14
140308	0300	9.5	39.8040	16.2233	3.7	1.4	0.92	0.74	1.94	11	110	0.43	0.14
140308	1419	3.9	39.7345	15.8183	0.0	2.9	0.61	0.96	2.39	38	119	0.53	0.12
140308	1943	19.0	39.9103	16.1292	5.6	1.5	0.72	0.56	1.53	14	132	0.34	0.11
140308	2052	50.7	37.9504	14.8961	33.5	3.8	0.70	0.73	3.23	57	64	0.50	0.07
140309	0553	48.8	39.9602	16.1250	0.0	1.4	1.24	0.85	1.97	10	157	0.44	0.20
140309	2150	59.5	39.7369	16.2950	0.0	1.9	0.59	0.80	1.91	19	132	0.43	0.12
140309	2151	40.5	39.7222	16.2851	0.0	1.6	0.59	0.72	1.81	17	134	0.40	0.12
140310	0353	4.4	39.7382	16.2798	0.6	1.8	0.53	0.62	1.88	24	103	0.42	0.09
140310	1942	6.5	39.7376	16.2796	9.2	2.1	0.58	0.64	2.07	25	106	0.36	0.08
140311	0558	35.8	38.9515	15.6557	168.3	2.4	1.41	2.95	3.38	27	143	0.41	0.11
140312	0055	37.8	37.5644	15.0960	94.7	3.0	6.47	10.16	4.39	16	343	0.55	0.59
140312	0100	17.4	37.6373	15.1597	11.4	2.2	0.42	0.82	2.61	42	108	0.45	0.08
140312	0108	32.8	37.6289	15.1673	9.8	2.3	0.42	0.72	2.38	45	109	0.41	0.07
140312	0306	17.0	38.8960	16.3442	10.2	1.4	0.53	0.68	1.86	19	79	0.32	0.09
140314	0009	27.8	38.2499	15.7382	15.9	2.1	0.60	0.55	2.24	33	53	0.39	0.07
140314	0332	23.6	38.2456	14.8160	19.1	2.8	0.64	0.60	2.83	63	42	0.49	0.07
140314	0337	15.9	38.2048	14.8136	16.4	2.8	0.59	0.56	2.31	45	51	0.40	0.08
140314	0346	58.0	39.2326	16.3826	24.7		4.66	5.07	3.90	6	299	0.67	0.99
140315	0212	18.9	39.8186	14.6190	21.4	2.2	1.19	1.82	4.12	39	211	0.53	0.25
140315	0250	16.2	37.8734	14.8779	31.5	2.1	0.52	0.68	1.87	25	58	0.29	0.07
140315	0300	6.1	39.2205	16.2928	20.1	1.6	0.56	0.79	1.99	21	108	0.34	0.08
140315	0528	38.9	38.5258	16.1605	15.1	1.7	0.43	0.58	1.62	19	81	0.28	0.07
140315	1215	19.6	39.3174	16.0906	55.1	1.5	1.69	1.83	3.64	13	140	0.46	0.17
140315	1935	4.9	39.8155	16.1919	5.3		0.50	1.16	0.60	6	267	0.13	0.20
140315	2144	18.9	38.4711	15.5445	132.1	2.4	1.78	2.34	4.15	42	90	0.50	0.09
140315	2256	23.6	39.8660	14.7934	0.0	1.6	2.12	3.15	2.41	9	281	0.54	0.58

Epicentri localizzati nel periodo di riferimento



BOLLETTINO

1 140301 0148 49.7 - Cilento

Lat: 40.22 Lon: 15.18 Prof: 4.4 Km
± 0.53 km ± 0.91 km ± 2.0 km
RMS: 0.46s GAP: 172.0° NR: 55

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	49	3.69	78.26	118.3	-0.232
MMN	S	49	14.45	78.26	118.3	0.177
MMN9	P	49	4.74	82.75	116.6	0.022
MMN9	S	49	16.20	82.75	116.6	0.549
CET2	P	49	7.98	101.46	139.7	0.620
CET2	S	49	20.61	101.46	139.7	0.382
ROI	P	49	14.42	138.94	121.5	0.561
ROI	S	49	32.24	138.94	121.5	0.756
SCOI	P	49	15.00	138.59	138.6	0.959
SCOI	S	49	31.69	138.59	138.6	-0.108
CUP2	P	49	15.31	149.56	128.7	0.173
CUP2	S	49	34.39	149.56	128.7	0.694
SMIN	P	49	16.81	165.23	147.3	-0.730
SMIN	S	49	37.09	165.23	147.3	-0.769
LADO	P	49	19.53	185.99	124.1	0.047
VBL2	P	49	20.06	189.43	155.4	-0.593
VBL2	S	49	42.52	189.43	155.4	-0.731
CNDF	P	49	34.47	253.07	167.1	0.000
CNDF	S	50	1.86	253.07	167.1	0.000

2 140301 0234 58.5 - Alto Tirreno Cosentino

Lat: 39.86 Lon: 16.04 Prof: 1.9 Km
± 0.24 km ± 0.45 km ± 0.5 km
RMS: 0.11s GAP: 184.9° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	34	59.48	3.45	7.1	-0.038
MMN9	S	35	.25	3.45	7.1	-0.007
MMN	P	35	0.00	5.74	305.4	0.061
MMN	S	35	.90	5.74	305.4	-0.066
CET2	P	35	6.02	37.69	192.1	0.093
CET2	S	35	11.20	37.69	192.1	-0.156

3 140301 0525 33.5 - Sila Grande

Lat: 39.28 Lon: 16.36 Prof: 12.4 Km
± 0.43 km ± 0.35 km ± 1.6 km
RMS: 0.27s GAP: 64.6° NR: 26

STN	PHASE	MN	SEC	DIST	AZM	RES
SCOI	P	25	36.59	9.16	274.5	0.136
SCOI	S	25	38.48	9.16	274.5	-0.093
CSC2	P	25	36.60	9.02	272.5	0.153
CSC2	S	25	38.73	9.02	272.5	0.168
CUP2	P	25	38.05	19.54	54.9	0.068
CUP2	S	25	41.16	19.54	54.9	-0.063
ROI	P	25	40.75	36.71	28.9	-0.118
ROI	S	25	46.43	36.71	28.9	0.209
SMIN	P	25	40.98	36.28	198.6	0.430
SMIN	S	25	45.50	36.28	198.6	-0.170
CET2	P	25	41.99	44.49	307.9	-0.124
CET2	S	25	48.04	44.49	307.9	-0.338
LADO	P	25	43.56	53.24	89.6	0.181
LADO	S	25	50.60	53.24	89.6	0.029

4 140301 1151 24.0 - Cilento

Lat: 40.22 Lon: 15.25 Prof: 2.5 Km
± 0.70 km ± 1.39 km ± 2.2 km
RMS: 0.49s GAP: 219.4° NR: 34

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	51	37.17	72.74	120.8	-0.340
MMN	S	51	47.63	72.74	120.8	0.277
MMN9	P	51	37.92	77.13	118.8	-0.368
MMN9	S	51	48.84	77.13	118.8	0.139
CET2	P	51	42.00	97.52	142.6	0.526
CET2	S	51	54.63	97.52	142.6	0.410
ROI	P	51	48.72	133.58	122.9	0.911
ROI	S	52	6.17	133.58	122.9	0.981
SMIN	P	51	51.34	161.95	149.3	-0.416
SMIN	S	52	11.35	161.95	149.3	-0.675
CNDF	P	52	7.56	251.81	168.5	0.000
CNDF	S	52	34.99	251.81	168.5	0.000

5 140301 1853 47.3 - M. Peloritani

Lat: 37.91 Lon: 15.33 Prof: 20.5 Km
± 0.56 km ± 0.51 km ± 2.7 km
RMS: 0.46s GAP: 102.8° NR: 50

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	53	57.16	46.62	77.9	0.710
CNDF	S	54	4.08	46.62	77.9	0.969
VBL2	P	54	5.73	108.01	38.8	-0.989
VBL2	S	54	19.95	108.01	38.8	-0.943

6 140302 0730 44.7 - Serre centro-sett.

Lat: 38.44 Lon: 16.25 Prof: 38.2 Km
± 0.70 km ± 0.94 km ± 2.3 km
RMS: 0.35s GAP: 115.8° NR: 30

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	30	53.07	28.97	333.5	-0.005
VBL2	S	30	58.29	28.97	333.5	-0.897
CSC2	P	31	1.86	93.92	.1	0.367
CSC2	S	31	14.22	93.92	.1	0.452

7 140303 0626 04.3 - Cilento

Lat: 40.40 Lon: 15.04 Prof: 0.0 Km
± 0.74 km ± 1.40 km ± 2.1 km
RMS: 0.46s GAP: 170.3° NR: 29

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	26	22.98	99.08	125.7	0.596
CET2	P	26	26.50	124.78	141.7	-0.522
CET2	S	26	44.20	124.78	141.7	0.571
SCOI	P	26	32.25	161.82	140.4	-0.872
SCOI	S	26	54.00	161.82	140.4	-0.193
CSC2	P	26	33.78	162.15	140.4	0.594
CSC2	S	26	54.31	162.15	140.4	0.006

8 140303 2228 36.1 - Valle del Mesima

Lat: 38.62 Lon: 16.24 Prof: 18.3 Km
± 0.35 km ± 0.40 km ± 0.9 km
RMS: 0.16s GAP: 126.2° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	28	40.61	13.22	293.1	0.247
VBL2	S	28	43.51	13.22	293.1	0.089
SMIN	P	28	43.82	38.42	357.5	-0.057
SMIN	S	28	49.33	38.42	357.5	-0.178

9 140306 0302 29.0 - Canyon di Stromboli

Lat: 38.55 Lon: 15.31 Prof: 198.2 Km
± 2.22 km ± 3.11 km ± 3.8 km
RMS: 0.46s GAP: 136.6° NR: 46

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	02	56.49	70.35	79.1	-0.551
VBL2	S	03	17.97	70.35	79.1	0.409
SMIN	P	02	57.27	92.15	59.7	-0.836
SMIN	S	03	19.16	92.15	59.7	-0.246
CET2	P	02	59.08	121.91	27.4	-0.096
CET2	S	03	21.69	121.91	27.4	0.431
CUP2	P	03	1.63	141.29	49.3	0.367
CUP2	S	03	25.79	141.29	49.3	0.917
LADO	P	03	2.77	165.68	60.6	-0.173
ROI	P	03	3.09	156.95	43.9	0.622
ROI	S	03	27.80	156.95	43.9	0.840

10 140306 1215 44.5 - Alto Tirreno Cosentino

Lat: 39.83 Lon: 15.99 Prof: 0.0 Km
± 0.53 km ± 0.88 km ± 1.4 km
RMS: 0.31s GAP: 171.4° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	15	45.97	6.06	.2	0.054
MMN	S	15	47.34	6.06	.2	0.428
MMN9	P	15	46.01	8.02	39.8	-0.339
MMN9	S	15	47.92	8.02	39.8	0.255

11 140306 1238 45.8 - Alto Tirreno Cosentino

Lat: 39.86 Lon: 16.11 Prof: 9.9 Km
± 0.71 km ± 0.68 km ± 1.8 km
RMS: 0.31s GAP: 140.9° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	38	47.93	6.29	299.8	-0.379
MMN9	S	38	50.03	6.29	299.8	-0.101
MMN	P	38	48.62	11.00	286.0	-0.214
MMN	S	38	51.56	11.00	286.0	0.520
CET2	P	38	53.60	39.63	200.4	0.028
CET2	S	38	58.70	39.63	200.4	-0.546

12 140306 1319 20.5 - Canyon di Stromboli
 Lat: 38.71 Lon: 15.58 Prof: 184.9 Km
 ± 1.19 km ± 2.18 km ± 3.8 km
 RMS: 0.46s GAP: 124.5° NR: 61

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	19	45.45	46.08	95.7	-0.491
VBL2	S	20	5.07	46.08	95.7	0.526
CSC2	P	19	47.34	86.56	42.9	-0.330
CSC2	S	20	6.89	86.56	42.9	-0.649
CET2	P	19	47.86	96.17	19.9	0.299
CET2	S	20	7.11	96.17	19.9	-0.240
CNDF	P	19	48.12	82.40	163.3	0.765
CNDF	S	20	7.26	82.40	163.3	0.266
MMN9	P	19	50.54	137.01	17.5	-0.722
MMN9	S	20	14.02	137.01	17.5	0.259
MMN	P	19	50.68	135.47	15.4	-0.431
MMN	S	20	14.30	135.47	15.4	0.802
LADO	P	19	50.74	136.74	62.4	-0.038
LADO	S	20	13.13	136.74	62.4	0.209
ROI	P	19	51.25	128.04	42.0	0.900
ROI	S	20	13.02	128.04	42.0	0.838

13 140306 1600 18.8 - Bacino di Gioia
 Lat: 38.40 Lon: 15.77 Prof: 21.3 Km
 ± 0.49 km ± 0.59 km ± 2.9 km
 RMS: 0.49s GAP: 60.9° NR: 66

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	00	27.97	41.93	44.8	0.705
VBL2	S	00	34.27	41.93	44.8	0.823
SMIN	P	00	32.88	74.60	32.4	0.289
SMIN	S	00	42.58	74.60	32.4	-0.091
SCOI	P	00	37.22	106.87	23.4	-0.770
SCOI	S	00	51.98	106.87	23.4	-0.041
CET2	P	00	39.69	125.80	7.5	0.278
CET2	S	00	54.52	125.80	7.5	0.031
CUP2	P	00	41.38	127.89	31.9	0.065
CUP2	S	00	56.97	127.89	31.9	-0.812
LADO	P	00	43.60	143.33	47.0	0.664
LADO	S	01	1.04	143.33	47.0	0.450
ROI	P	00	44.32	146.89	28.2	0.512
ROI	S	01	2.18	146.89	28.2	0.078
MMN	P	00	46.01	166.08	6.8	-0.620
MMN	S	01	6.92	166.08	6.8	-0.069
MMN9	P	00	46.58	166.86	8.5	-0.183
MMN9	S	01	6.35	166.86	8.5	-0.867

14 140307 0031 32.3 - Bacino di Gioia
 Lat: 38.46 Lon: 15.48 Prof: 127.6 Km
 ± 0.97 km ± 1.32 km ± 2.4 km
 RMS: 0.29s GAP: 91.2° NR: 37

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	31	51.82	59.04	67.1	-0.007
VBL2	S	32	6.20	59.04	67.1	0.105
SMIN	P	31	53.29	85.78	49.1	-0.322
SMIN	S	32	8.98	85.78	49.1	-0.206
SCOI	P	31	55.46	113.39	36.4	-0.364
SCOI	S	32	12.82	113.39	36.4	-0.198
CET2	P	31	56.84	124.92	19.3	0.750
CET2	S	32	13.66	124.92	19.3	0.182

15 140307 1203 24.3 - Bacino di Cefalù
 Lat: 38.38 Lon: 14.88 Prof: 15.2 Km
 ± 0.62 km ± 0.56 km ± 2.7 km
 RMS: 0.46s GAP: 101.2° NR: 48

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	03	47.07	134.11	61.4	-0.324
SMIN	S	04	5.14	134.11	61.4	0.898
CET2	P	03	49.25	157.25	36.8	0.783

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	S	04	6.38	157.25	36.8	0.280
CUP2	P	03	52.91	182.13	53.0	-0.318
CUP2	S	04	14.12	182.13	53.0	-0.224
ROI	P	03	54.64	196.74	48.4	-0.549
ROI	S	04	18.46	196.74	48.4	0.716
MMN9	P	03	55.01	195.27	31.7	-0.367

16 140307 2112 45.3 - Canyon di Stromboli
 Lat: 38.57 Lon: 15.48 Prof: 169.9 Km
 ± 2.63 km ± 4.55 km ± 3.4 km
 RMS: 0.41s GAP: 174.4° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	13	12.18	112.97	21.4	0.253
CET2	S	13	31.31	112.97	21.4	-0.098

17 140308 0300 09.4 - Valle dell'Esaro
 Lat: 39.80 Lon: 16.22 Prof: 3.7 Km
 ± 0.92 km ± 0.74 km ± 1.9 km
 RMS: 0.43s GAP: 110.9° NR: 11

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	00	14.44	22.12	295.9	-0.026
MMN	S	00	18.72	22.12	295.9	0.584
CET2	P	00	16.90	38.28	217.1	-0.586
CET2	S	00	22.76	38.28	217.1	-0.607
ROI	P	00	17.88	39.31	130.9	0.094
ROI	S	00	24.65	39.31	130.9	0.764

18 140308 1419 03.8 - Offshore Scalea -
Diamante
 Lat: 39.73 Lon: 15.81 Prof: 0.0 Km
 ± 0.61 km ± 0.96 km ± 2.4 km
 RMS: 0.53s GAP: 119.9° NR: 38

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	19	9.16	22.78	40.6	0.219
MMN	S	19	13.24	22.78	40.6	0.589
MMN9	P	19	9.66	26.45	48.9	-0.040
MMN9	S	19	14.58	26.45	48.9	0.617
CET2	P	19	9.87	25.66	153.1	0.292
CET2	S	19	13.92	25.66	153.1	0.168
SCOI	P	19	15.50	62.15	142.8	-0.252
SCOI	S	19	25.23	62.15	142.8	0.783
CSC2	P	19	15.68	62.48	142.9	-0.136
CSC2	S	19	25.35	62.48	142.9	0.794
ROI	P	19	16.65	66.93	105.7	-0.389
ROI	S	19	27.20	66.93	105.7	0.526
CUP2	P	19	17.01	73.84	121.9	-0.890
CUP2	S	19	28.75	73.84	121.9	0.579
SMIN	P	19	20.11	91.63	157.5	-0.768
SMIN	S	19	34.07	91.63	157.5	0.746
LADO	P	19	23.25	111.67	116.5	-0.923
LADO	S	19	39.25	111.67	116.5	0.218

19 140308 1943 19.0 - Catena del Pollino
 Lat: 39.91 Lon: 16.12 Prof: 5.6 Km
 ± 0.72 km ± 0.56 km ± 1.5 km
 RMS: 0.34s GAP: 132.3° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	43	21.23	7.04	253.2	0.068
MMN9	S	43	23.23	7.04	253.2	0.494
MMN	P	43	21.91	12.04	259.8	-0.140
MMN	S	43	24.29	12.04	259.8	0.018
CET2	P	43	27.68	44.92	199.6	-0.258
CET2	S	43	35.00	44.92	199.6	0.524

20 140308 2052 50.7 - M. Nebrodi-Madonie
 Lat: 37.95 Lon: 14.89 Prof: 33.5 Km
 ± 0.70 km ± 0.73 km ± 3.2 km
 RMS: 0.50s GAP: 64.7° NR: 57

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	53	12.50	132.96	53.3	-0.449
VBL2	S	53	28.45	132.96	53.3	-0.750
SMIN	P	53	16.05	162.47	46.1	-0.696
SMIN	S	53	35.27	162.47	46.1	-0.509
CSC2	P	53	19.96	189.87	39.1	-0.251
CSC2	S	53	41.43	189.87	39.1	-0.353

SCOI	P	53	20.00	190.05	39.0	-0.228
SCOI	S	53	41.14	190.05	39.0	-0.670
CET2	P	53	20.27	197.90	28.2	0.874
CET2	S	53	41.27	197.90	28.2	0.898
CUP2	P	53	23.30	214.41	42.4	0.264
CUP2	S	53	47.57	214.41	42.4	0.902
LADO	P	53	24.78	234.14	51.0	-0.404
MMN	P	53	25.32	235.39	24.3	-0.822
MMN	S	53	52.92	235.39	24.3	0.867
ROI	P	53	25.41	231.38	39.3	0.130
ROI	S	53	51.34	231.38	39.3	0.782
MMN9	P	53	25.83	237.63	25.4	-0.630
MMN9	S	53	52.86	237.63	25.4	0.257

21 140309 0553 48.8 - Catena del Pollino
 Lat: 39.96 Lon: 16.12 Prof: 0.0 Km
 ± 1.24 km ± 0.85 km ± 2.0 km
 RMS: 0.44s GAP: 157.6° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	53	52.24	13.82	236.3	0.346
MMN	S	53	53.67	13.82	236.3	-0.477

22 140309 2150 59.4 - Valle dell'Esaro
 Lat: 39.73 Lon: 16.29 Prof: 0.0 Km
 ± 0.59 km ± 0.80 km ± 1.9 km
 RMS: 0.43s GAP: 132.9° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	51	5.83	31.16	303.3	0.030
MMN	S	51	10.93	31.16	303.3	0.492
CET2	P	51	6.53	37.25	231.7	-0.550
CET2	S	51	11.69	37.25	231.7	-0.974
SMIN	P	51	15.17	85.00	183.9	0.131
SMIN	S	51	27.25	85.00	183.9	0.803

23 140309 2151 40.4 - Valle dell'Esaro
 Lat: 39.72 Lon: 16.28 Prof: 0.0 Km
 ± 0.59 km ± 0.72 km ± 1.8 km
 RMS: 0.40s GAP: 134.7° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	51	47.46	35.59	233.0	-0.347
CET2	S	51	52.39	35.59	233.0	-0.787
MMN	P	51	47.62	31.41	306.7	0.763
MMN	S	51	51.89	31.41	306.7	0.366

24 140310 0353 04.3 - Valle dell'Esaro
 Lat: 39.73 Lon: 16.27 Prof: .6 Km
 ± 0.53 km ± 0.62 km ± 1.9 km
 RMS: 0.42s GAP: 103.9° NR: 24

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	53	10.40	30.01	304.5	-0.040
MMN	S	53	15.22	30.01	304.5	0.348
ROI	P	53	10.89	30.95	126.5	-0.044
ROI	S	53	15.11	30.95	126.5	-0.617
CET2	P	53	11.15	36.33	230.3	-0.610
CET2	S	53	16.33	36.33	230.3	-0.828
CUP2	P	53	13.90	45.63	149.5	0.714
CUP2	S	53	20.35	45.63	149.5	0.723

25 140310 1942 06.5 - Valle dell'Esaro
 Lat: 39.73 Lon: 16.27 Prof: 9.2 Km
 ± 0.58 km ± 0.64 km ± 2.1 km
 RMS: 0.36s GAP: 106.3° NR: 25

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	42	11.95	26.05	311.2	0.198
MMN9	S	42	14.95	26.05	311.2	-0.616
ROI	P	42	12.54	30.93	126.4	-0.215
ROI	S	42	17.45	30.93	126.4	0.144
MMN	P	42	12.57	30.03	304.6	0.177
MMN	S	42	16.34	30.03	304.6	-0.331
CET2	P	42	13.31	36.27	230.4	-0.288
CET2	S	42	18.30	36.27	230.4	-0.463
CUP2	P	42	15.36	45.59	149.5	0.280
CUP2	S	42	21.50	45.59	149.5	0.172
LADO	P	42	20.44	78.47	129.7	-0.168
LADO	S	42	31.05	78.47	129.7	0.146

SMIN	P	42	21.18	85.00	183.0	-0.566
SMIN	S	42	33.48	85.00	183.0	0.602

26 140311 0558 35.7 - Bacino di Paola
 Lat: 38.95 Lon: 15.65 Prof: 168.3 Km
 ± 1.41 km ± 2.95 km ± 3.4 km
 RMS: 0.41s GAP: 143.1° NR: 27

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	58	59.15	49.67	87.4	-0.334
SMIN	S	59	16.90	49.67	87.4	0.059
CET2	P	59	.28	69.08	22.2	0.608
CET2	S	59	17.65	69.08	22.2	0.485
ROI	P	59	2.58	104.68	48.9	0.135
ROI	S	59	22.35	104.68	48.9	0.382

27 140312 0055 37.7 - Etna
 Lat: 37.56 Lon: 15.09 Prof: 94.7 Km
 ± 6.47 km ± 10.16 km ± 4.4 km
 RMS: 0.55s GAP: 343.2° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	56	3.71	151.77	36.2	0.721
VBL2	S	56	21.52	151.77	36.2	0.070
SMIN	P	56	6.15	185.08	32.7	-0.730
SMIN	S	56	27.76	185.08	32.7	-0.429
CSC2	P	56	10.15	216.38	28.3	-0.411
CSC2	S	56	34.64	216.38	28.3	0.074
SCOI	P	56	10.26	216.61	28.2	-0.322
SCOI	S	56	34.10	216.61	28.2	-0.501
CET2	P	56	11.19	230.54	19.4	0.213
CET2	S	56	35.67	230.54	19.4	0.384
CUP2	P	56	13.47	238.37	32.4	0.486
CUP2	S	56	39.26	238.37	32.4	0.498
LADO	P	56	15.32	251.93	40.9	0.000
LADO	S	56	46.19	251.93	40.9	0.000
ROI	P	56	15.88	257.16	30.2	0.000
ROI	S	56	45.31	257.16	30.2	0.000

28 140312 0100 17.3 - Etna
 Lat: 37.63 Lon: 15.15 Prof: 11.4 Km
 ± 0.42 km ± 0.82 km ± 2.6 km
 RMS: 0.45s GAP: 108.1° NR: 42

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	00	47.40	175.24	32.6	0.552
SMIN	S	01	7.58	175.24	32.6	-0.830
CET2	P	00	50.71	221.09	18.7	0.082
CET2	S	01	15.73	221.09	18.7	0.773

29 140312 0108 32.8 - Etna
 Lat: 37.62 Lon: 15.16 Prof: 9.8 Km
 ± 0.42 km ± 0.72 km ± 2.4 km
 RMS: 0.41s GAP: 109.7° NR: 45

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	09	3.21	175.69	32.2	0.699
SMIN	S	09	23.81	175.69	32.2	-0.444
CET2	P	09	6.21	221.77	18.4	-0.092
CET2	S	09	30.70	221.77	18.4	-0.120

30 140312 0306 17.0 - Stretta di Catanzaro
 Lat: 38.89 Lon: 16.34 Prof: 10.2 Km
 ± 0.53 km ± 0.68 km ± 1.9 km
 RMS: 0.32s GAP: 79.1° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	06	20.29	13.19	310.3	0.060
SMIN	S	06	22.36	13.19	310.3	-0.232
CUP2	P	06	27.90	56.91	17.9	0.383
CUP2	S	06	35.80	56.91	17.9	0.586
ROI	P	06	30.68	77.50	14.4	-0.618
ROI	S	06	41.84	77.50	14.4	0.077
CET2	P	06	30.87	77.89	334.5	-0.391

31 140314 0009 27.7 - Stretto di Messina
 Lat: 38.24 Lon: 15.73 Prof: 15.9 Km
 ± 0.60 km ± 0.55 km ± 2.2 km
 RMS: 0.39s GAP: 53.8° NR: 33

STN	PHASE	MN	SEC	DIST	AZM	RES	ROI	S	13	3.67	169.50	99.7	0.699
VBL2	P	09	38.69	57.05	34.6	0.295	CUP2	P	12	45.30	172.59	106.7	0.642
VBL2	S	09	46.36	57.05	34.6	0.204	CUP2	S	13	3.76	172.59	106.7	0.267
SMIN	P	09	45.03	90.90	28.2	0.894	36 140315 0250 16.2 - M. Nebrodi-Madonie						
SMIN	S	09	55.62	90.90	28.2	-0.479	Lat: 37.87 Lon: 14.81 Prof: 31.5 Km						
32 140314 0332 23.6 - Bacino di Cefalù							± 0.52 km ± 0.68 km ± 1.9 km						
Lat: 38.24 Lon: 14.81 Prof: 19.1 Km							RMS: 0.29s GAP: 58.4° NR: 25						
± 0.64 km ± 0.60 km ± 2.8 km							STN PHASE MN SEC DIST AZM RES						
RMS: 0.49s GAP: 42.0° NR: 63							CET2 P 50 46.26 206.24 27.5 0.171						
STN	PHASE	MN	SEC	DIST	AZM	RES	37 140315 0300 06.0 - Valle del Crati						
VBL2	P	32	44.63	122.37	67.6	-0.003	Lat: 39.22 Lon: 16.29 Prof: 20.1 Km						
VBL2	S	32	59.28	122.37	67.6	-0.719	± 0.56 km ± 0.79 km ± 2.0 km						
SMIN	P	32	47.14	147.13	57.2	-0.724	RMS: 0.34s GAP: 108.7° NR: 21						
SMIN	S	33	4.92	147.13	57.2	-0.674	STN PHASE MN SEC DIST AZM RES						
CET2	P	32	49.93	173.34	35.3	0.561	SCOI P 00 10.32 8.25 337.6 0.263						
CET2	S	33	8.49	173.34	35.3	0.290	SCOI S 00 12.91 8.25 337.6 -0.055						
CSC2	P	32	51.56	170.43	47.8	0.720	CSC2 P 00 10.33 7.90 337.5 0.287						
CSC2	S	33	10.47	170.43	47.8	-0.277	CSC2 S 00 12.91 7.90 337.5 -0.030						
CUP2	P	32	54.36	196.43	50.3	0.493	SMIN P 00 12.44 28.04 191.5 0.085						
CUP2	S	33	16.61	196.43	50.3	0.618	SMIN S 00 16.50 28.04 191.5 -0.446						
ROI	P	32	56.04	211.65	46.3	0.132	CET2 P 00 14.97 44.95 319.7 -0.129						
ROI	S	33	20.22	211.65	46.3	0.693	CET2 S 00 21.02 44.95 319.7 -0.679						
LADO	P	32	56.89	220.53	58.7	0.264	ROI P 00 15.09 45.69 31.3 -0.191						
LADO	S	33	21.13	220.53	58.7	0.360	ROI S 00 21.27 45.69 31.3 -0.743						
33 140314 0337 15.9 - Bacino di Cefalù							38 140315 0528 38.9 - Serre centro-sett.						
Lat: 38.20 Lon: 14.81 Prof: 16.4 Km							Lat: 38.52 Lon: 16.16 Prof: 15.1 Km						
± 0.59 km ± 0.56 km ± 2.3 km							± 0.43 km ± 0.58 km ± 1.6 km						
RMS: 0.40s GAP: 51.2° NR: 45							RMS: 0.28s GAP: 81.3° NR: 19						
STN	PHASE	MN	SEC	DIST	AZM	RES	STN PHASE MN SEC DIST AZM RES						
VBL2	P	37	38.20	124.42	65.8	0.665	SMIN P 28 48.92 49.98 6.8 0.581						
VBL2	S	37	53.55	124.42	65.8	0.206	SMIN S 28 55.00 49.98 6.8 -0.214						
SMIN	P	37	40.69	149.87	55.8	-0.158	CET2 P 28 58.49 112.76 351.0 0.044						
SMIN	S	37	59.20	149.87	55.8	0.117	CET2 S 29 12.18 112.76 351.0 -0.540						
CET2	P	37	43.20	177.22	34.5	0.749	39 140315 1215 19.5 - Catena Costiera						
CET2	S	38	2.06	177.22	34.5	0.203	Lat: 39.31 Lon: 16.09 Prof: 55.1 Km						
CUP2	P	37	46.76	199.56	49.4	-0.126	± 1.69 km ± 1.83 km ± 3.6 km						
CUP2	S	38	10.02	199.56	49.4	0.479	RMS: 0.46s GAP: 140.8° NR: 13						
MMN9	P	37	48.44	215.73	30.3	-0.989	STN PHASE MN SEC DIST AZM RES						
MMN9	S	38	14.39	215.73	30.3	0.445	CET2 P 15 28.98 26.22 333.6 0.187						
ROI	P	37	48.48	215.01	45.5	-0.474	CET2 S 15 35.24 26.22 333.6 -0.289						
ROI	S	38	12.71	215.01	45.5	-0.411	CUP2 P 15 30.60 40.11 79.4 0.083						
LADO	P	37	49.95	223.15	57.7	0.375	CUP2 S 15 39.40 40.11 79.4 0.882						
LADO	S	38	15.05	223.15	57.7	0.853	40 140315 1935 04.9 - Alto Tirreno Cosentino						
34 140314 0346 58.0 - Sila Grande							Lat: 39.81 Lon: 16.19 Prof: 5.3 Km						
Lat: 39.23 Lon: 16.38 Prof: 24.7 Km							± 0.50 km ± 1.16 km ± 0.6 km						
± 4.66 km ± 5.07 km ± 3.9 km							RMS: 0.13s GAP: 267.7° NR: 6						
RMS: 0.67s GAP: 299.6° NR: 6							STN PHASE MN SEC DIST AZM RES						
STN	PHASE	MN	SEC	DIST	AZM	RES	MMN9 P 35 8.49 14.78 305.1 -0.014						
CUP2	P	47	4.71	22.00	40.3	0.551	MMN9 S 35 11.14 14.78 305.1 0.017						
CUP2	S	47	8.01	22.00	40.3	-0.631	MMN P 35 9.19 19.14 296.0 -0.101						
ROI	P	47	6.26	40.94	23.0	-0.554	MMN S 35 12.59 19.14 296.0 0.117						
ROI	S	47	13.88	40.94	23.0	0.639	CET2 P 35 12.80 37.79 212.7 0.116						
LADO	P	47	8.27	51.81	83.4	0.005	CET2 S 35 18.22 37.79 212.7 -0.133						
LADO	S	47	15.75	51.81	83.4	-0.003	41 140315 2144 18.9 - Bacino di Gioia						
35 140315 0212 18.9 - Piana Bat. Tirreno							Lat: 38.47 Lon: 15.54 Prof: 132.1 Km						
Lat: 39.81 Lon: 14.61 Prof: 21.4 Km							± 1.78 km ± 2.34 km ± 4.2 km						
± 1.19 km ± 1.82 km ± 4.1 km							RMS: 0.50s GAP: 90.0° NR: 42						
RMS: 0.53s GAP: 211.0° NR: 39							STN PHASE MN SEC DIST AZM RES						
STN	PHASE	MN	SEC	DIST	AZM	RES	SMIN P 44 40.23 81.47 47.1 -0.084						
CET2	P	12	37.22	119.02	106.3	0.749	SMIN S 44 55.52 81.47 47.1 -0.456						
CET2	S	12	49.70	119.02	106.3	0.385	SCOI P 44 41.95 109.84 34.4 -0.519						
MMN	P	12	37.61	117.65	86.7	-0.008	SCOI S 44 59.09 109.84 34.4 -0.636						
MMN	S	12	51.42	117.65	86.7	0.120	CSC2 P 44 42.35 109.63 34.6 -0.110						
MMN9	P	12	38.66	122.76	86.8	0.320	CSC2 S 44 58.96 109.63 34.6 -0.744						
MMN9	S	12	52.23	122.76	86.8	-0.320	CET2 P 44 43.79 122.67 17.1 0.959						
SCOI	P	12	41.25	152.51	113.2	-0.975	CET2 S 45 .71 122.67 17.1 0.370						
SCOI	S	13	-.14	152.51	113.2	0.569	LADO P 44 46.74 153.76 54.1 0.484						
CSC2	P	12	41.68	152.75	113.3	-0.584							
CSC2	S	13	-.08	152.75	113.3	0.562							
SMIN	P	12	43.67	167.42	124.6	-0.586							
SMIN	S	13	2.65	167.42	124.6	-0.147							
ROI	P	12	44.74	169.50	99.7	0.384							

LADO S 45 5.64 153.76 54.1 -0.638

42 140315 2256 23.5 - Offshore Cilento

Lat: 39.86 Lon: 14.79 Prof: 0.0 Km
± 2.12 km ± 3.15 km ± 2.4 km
RMS: 0.54s GAP: 281.8° NR: 9

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	56	42.19	106.40	111.2	0.698
CET2	S	56	54.18	106.40	111.2	-0.434