



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

ASSE I “SOSTEGNO AI MUTAMENTI STRUTTURALI”

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

AZIONE II: “INTERVENTI DI SOSTEGNO DELLA RICERCA INDUSTRIALE”

PROGETTO PON01_02710 MASSIMO

AMBITO/SETTORE BENI CULTURALI

CUP B21C11000550005

UNIVERSITÀ DELLA CALABRIA – DIPARTIMENTO DI FISICA

BOLLETTINO

DELLA

SISMICITÀ DELLA CALABRIA

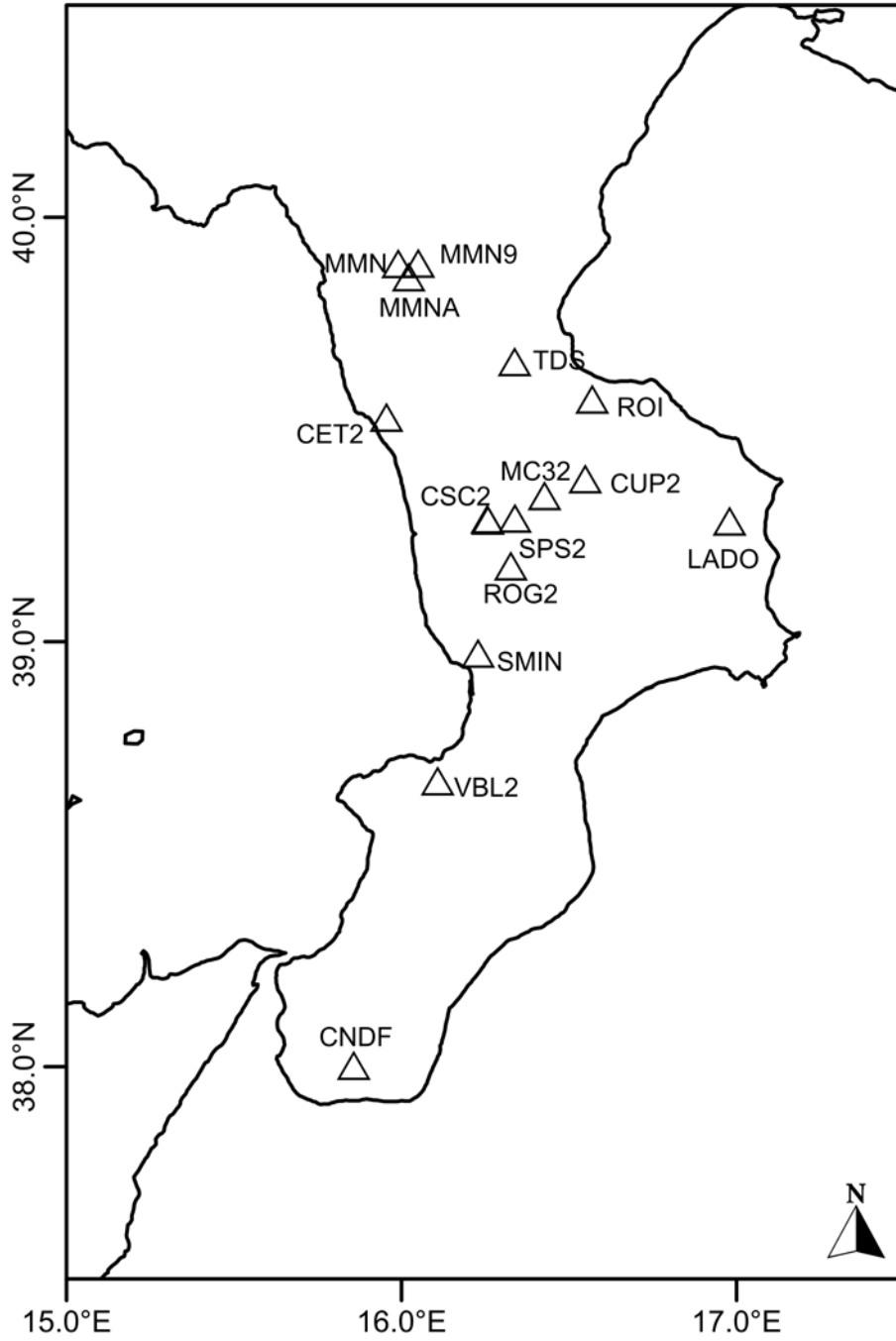
E

DELLE AREE CIRCOSTANTI

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

Periodo 16-28 Febbraio 2015

Distribuzione delle stazioni della Rete Sismica UniCal – Pon MASSIMO



Toponomastica delle aree epicentrali

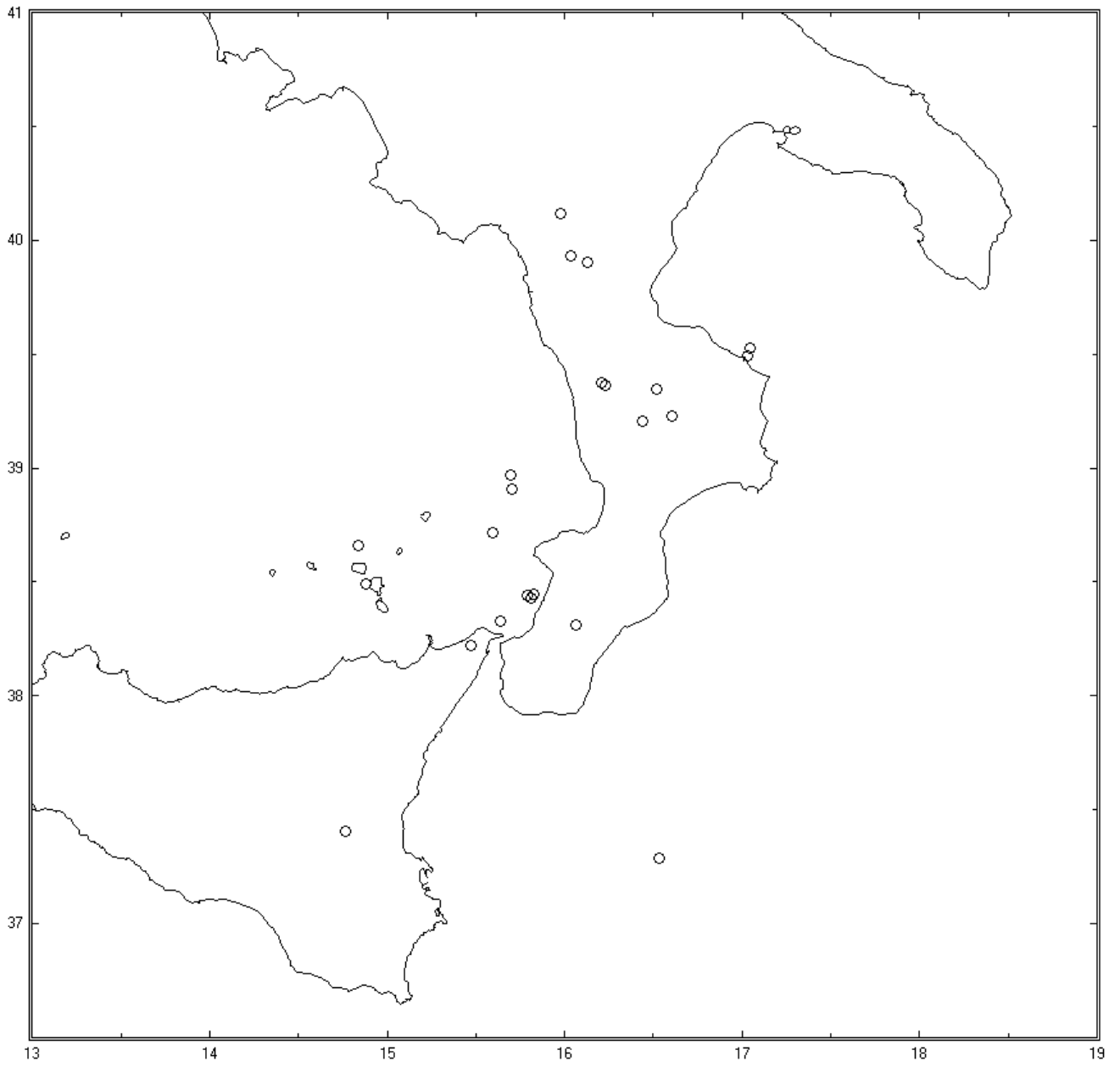


1 Murge	19 Piana di Sibari	37 Offshore Punta Stilo	55 Milazzo
2 Penisola Salentina	20 Valle dell'Esaro	38 Punta Stilo	56 Monti Peloritani
3 Piana del Bradano e del Basento	21 Catena del Pollino	39 Serre centro-settentrionali	57 Stretto di Messina
4 Golfo di Taranto	22 Marate - Rotonda	40 Valle del Mesima	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
150216	0034	43.9	38.9690	15.6985	181.2	2.8		0.94	1.90	3.39	71	130	0.41	0.06
150216	1810	12.9	38.6588	14.8356	286.5	3.1		2.16	2.79	3.62	55	135	0.42	0.13
150216	2200	41.8	39.3490	16.5215	8.9			1.81	3.23	1.72	6	190	0.30	0.18
150217	0347	7.4	39.9016	16.1259	3.7	1.8		0.61	0.75	2.42	30	60	0.54	0.10
150218	0337	46.3	38.9057	15.7003	170.3			4.00	5.11	1.09	8	327	0.13	0.17
150218	2323	54.4	38.4898	14.8810	6.4	2.5		0.85	0.66	2.67	29	114	0.46	0.12
150219	1050	4.0	39.3723	16.2096	10.0	1.7		0.39	0.52	1.76	28	110	0.30	0.06
150220	0726	0.1	38.3134	16.0641	20.9	1.8		0.67	0.65	1.76	20	116	0.30	0.09
150220	1236	42.0	39.2302	16.6049	23.5	1.2		0.46	0.34	0.92	13	113	0.16	0.05
150222	0655	18.7	39.2081	16.4376	15.5			0.60	0.64	1.61	16	105	0.28	0.08
150222	1731	26.6	39.5286	17.0455	16.3			1.74	1.85	3	19	268	0.52	0.39
150222	1739	10.2	39.4939	17.0321	24.2			0.84	1.03	1.11	8	263	0.19	0.19
150223	0258	26.6	37.4026	14.7650	21.0	3.1		0.56	0.61	3.02	81	130	0.46	0.08
150223	0301	7.0	38.4406	15.7873	10.1	1.5		0.41	0.48	1.27	15	120	0.22	0.06
150223	0842	6.4	38.2194	15.4750	102.4			2.58	2.99	1.94	6	326	0.24	0.30
150223	0927	43.2	38.4307	15.8077	22.2	2.0		0.69	0.69	2.55	29	94	0.44	0.09
150223	1434	19.5	39.9341	16.0347	7.0	1.4		0.61	0.80	2.29	19	96	0.40	0.10
150223	1519	52.3	38.4444	15.8230	21.3	2.3		0.59	0.70	2.52	30	64	0.44	0.08
150225	1504	12.3	37.2862	16.5347	41.5	3.0		1.21	1.46	3.4	48	234	0.42	0.22
150226	0105	39.7	39.3613	16.2326	10.0	1.6		0.35	0.43	1.63	31	108	0.28	0.06
150226	0930	37.9	38.3306	15.6413	89.4	3.3		1.08	1.36	4.08	59	50	0.51	0.07
150227	1303	44.9	40.1191	15.9752	75.9	2.2		1.00	1.40	3.62	36	89	0.45	0.08
150228	2028	37.0	38.7151	15.5941	156.1	1.9		2.15	3.99	3.13	16	182	0.38	0.16

Epicentri localizzati nel periodo di riferimento



BOLLETTINO

1 150216 0034 43.8 - Bacino di Paola
 Lat: 38.96 Lon: 15.69 Prof: 181.2 Km
 ± 0.94 km ± 1.90 km ± 3.4 km
 RMS: 0.41s GAP: 130.8° NR: 71

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	35	8.80	45.91	89.6	-0.145
SMIN	S	35	26.36	45.91	89.6	-0.936
VBL2	P	35	8.94	48.35	132.9	-0.093
VBL2	S	35	27.06	48.35	132.9	-0.388
ROG2	P	35	9.34	59.07	67.0	-0.103
ROG2	S	35	27.91	59.07	67.0	-0.249
CET2	P	35	9.72	65.96	19.8	0.656
CET2	S	35	28.33	65.96	19.8	0.828
CUP2	P	35	11.39	86.65	58.0	0.646
CUP2	S	35	30.96	86.65	58.0	0.548
TDS	P	35	11.47	94.40	35.8	0.229
TDS	S	35	31.56	94.40	35.8	0.286
MMN	P	35	11.69	105.39	14.1	-0.362
MMN	S	35	31.96	105.39	14.1	-0.717
MMN9	P	35	12.06	106.84	16.7	-0.121
MMN9	S	35	32.71	106.84	16.7	-0.192
CNDF	P	35	12.20	108.09	172.9	0.263
CNDF	S	35	33.00	108.09	172.9	0.521
MMNA	P	35	12.27	106.58	22.1	-0.087
MMNA	S	35	32.85	106.58	22.1	-0.356

2 150216 1810 12.9 - Piana bat. del Tirreno
 Lat: 38.65 Lon: 14.83 Prof: 286.5 Km
 ± 2.16 km ± 2.79 km ± 3.6 km
 RMS: 0.42s GAP: 135.7° NR: 55

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	10	52.09	110.74	89.6	-0.341
VBL2	S	11	22.01	110.74	89.6	0.681
CNDF	P	10	52.45	115.22	129.7	-0.132
CNDF	S	11	22.20	115.22	129.7	0.608
SMIN	P	10	52.50	125.87	74.4	-0.614
SMIN	S	11	22.03	125.87	74.4	-0.483
CET2	P	10	53.30	136.74	45.6	0.433
SPS2	P	10	53.90	147.96	62.1	-0.418
SPS2	S	11	24.37	147.96	62.1	-0.229
CUP2	P	10	56.14	168.71	61.9	0.616
CUP2	S	11	27.62	168.71	61.9	0.933
ROI	P	10	56.66	180.97	56.3	0.381
ROI	S	11	28.25	180.97	56.3	0.254
LADO	P	10	57.56	198.31	69.7	0.264
LADO	S	11	29.67	198.31	69.7	-0.085

3 150216 2200 41.8 - Sila Grande
 Lat: 39.34 Lon: 16.52 Prof: 8.9 Km
 ± 1.81 km ± 3.23 km ± 1.7 km
 RMS: 0.30s GAP: 190.8° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	00	43.84	4.46	30.8	-0.122
CUP2	S	00	45.67	4.46	30.8	0.141
ROI	P	00	46.87	25.07	9.2	-0.156
ROI	S	00	51.01	25.07	9.2	0.182
ROG2	P	00	47.13	25.36	221.6	0.282
ROG2	S	00	50.20	25.36	221.6	-0.323

4 150217 0347 07.3 - Alto Tirreno Cosentino
 Lat: 39.90 Lon: 16.12 Prof: 3.7 Km
 ± 0.61 km ± 0.75 km ± 2.4 km
 RMS: 0.54s GAP: 60.9° NR: 30

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNA	P	47	9.22	5.50	147.9	0.293
MMNA	S	47	10.40	5.50	147.9	0.333
MMN9	P	47	9.55	6.54	260.6	0.383
MMN9	S	47	10.90	6.54	260.6	0.418
MMN	P	47	10.31	11.63	264.2	0.162
MMN	S	47	11.72	11.63	264.2	-0.461
TDS	P	47	13.73	32.42	146.0	-0.317
TDS	S	47	19.66	32.42	146.0	0.724
CET2	P	47	15.40	43.92	199.7	-0.972
ROI	P	47	18.62	52.77	133.9	0.602
SPS2	P	47	20.77	70.21	164.9	0.164
SPS2	S	47	31.21	70.21	164.9	0.915

CSC2 P 47 21.16 69.25 170.6 0.760
 CSC2 S 47 29.78 69.25 170.6 -0.158

5 150218 0337 46.3 - Bacino di Paola
 Lat: 38.90 Lon: 15.70 Prof: 170.3 Km
 ± 4.00 km ± 5.11 km ± 1.1 km
 RMS: 0.13s GAP: 327.7° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	38	9.95	46.37	80.9	-0.087
SMIN	S	38	27.49	46.37	80.9	0.103
SCOI	P	38	10.65	64.24	48.7	-0.064
SCOI	S	38	28.66	64.24	48.7	0.098
CSC2	P	38	10.87	64.11	48.9	0.153
CSC2	S	38	28.37	64.11	48.9	-0.195
SPS2	P	38	11.05	69.85	52.4	0.000
SPS2	S	38	29.14	69.85	52.4	-0.003

6 150218 2323 54.4 - Lipari
 Lat: 38.48 Lon: 14.88 Prof: 6.4 Km
 ± 0.85 km ± 0.66 km ± 2.7 km
 RMS: 0.46s GAP: 114.1° NR: 29

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	24	11.63	101.09	122.8	-0.576

7 150219 1050 04.0 - Valle del Crati
 Lat: 39.37 Lon: 16.20 Prof: 10.0 Km
 ± 0.39 km ± 0.52 km ± 1.8 km
 RMS: 0.30s GAP: 110.1° NR: 28

STN	PHASE	MN	SEC	DIST	AZM	RES
SCOI	P	50	6.82	10.06	156.3	0.113
SCOI	S	50	8.57	10.06	156.3	-0.112
CSC2	P	50	6.87	10.41	156.4	0.111
CSC2	S	50	8.81	10.41	156.4	0.038
SPS2	P	50	7.51	14.33	129.0	0.163
SPS2	S	50	9.60	14.33	129.0	-0.192
MC32	P	50	8.23	18.99	99.5	0.053
MC32	S	50	10.23	18.99	99.5	-0.998
CET2	P	50	9.65	27.99	308.5	-0.035
CET2	S	50	13.71	27.99	308.5	-0.130
TDS	P	50	10.89	33.72	19.0	0.471
TDS	S	50	15.65	33.72	19.0	0.539

8 150220 0726 00.1 - Serre meridionali
 Lat: 38.31 Lon: 16.06 Prof: 20.9 Km
 ± 0.67 km ± 0.65 km ± 1.8 km
 RMS: 0.30s GAP: 116.8° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	26	8.31	38.90	207.9	0.289
CNDF	S	26	13.64	38.90	207.9	-0.176

9 150220 1236 41.9 - Sila Grande
 Lat: 39.23 Lon: 16.60 Prof: 23.5 Km
 ± 0.46 km ± 0.34 km ± 0.9 km
 RMS: 0.16s GAP: 113.2° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
MC32	P	36	47.61	19.88	309.3	-0.121
MC32	S	36	51.75	19.88	309.3	-0.194
LADO	P	36	48.99	32.86	79.2	-0.255
LADO	S	36	54.55	32.86	79.2	-0.016

10 150222 0655 18.6 - Sila Grande
 Lat: 39.20 Lon: 16.43 Prof: 15.5 Km
 ± 0.60 km ± 0.64 km ± 1.6 km
 RMS: 0.28s GAP: 105.2° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	55	22.23	10.19	251.0	0.066
ROG2	S	55	24.55	10.19	251.0	-0.173
SPS2	P	55	22.49	12.55	317.1	0.082
SPS2	S	55	24.89	12.55	317.1	-0.255
SCOI	P	55	23.17	18.05	299.9	0.138
SCOI	S	55	26.24	18.05	299.9	0.014
CSC2	P	55	23.18	17.78	299.2	0.176
CSC2	S	55	26.24	17.78	299.2	0.064
CUP2	P	55	23.86	21.67	25.9	0.165

CET2	P	05	46.09	30.31	307.9	0.282
CET2	S	05	49.70	30.31	307.9	-0.548
SMIN	P	05	47.99	43.11	180.5	0.202
SMIN	S	05	53.90	43.11	180.5	0.222
LADO	P	05	52.13	64.96	97.4	0.629
LADO	S	06	0.37	64.96	97.4	0.262
VBL2	P	05	53.47	77.08	188.1	-0.115
VBL2	S	06	3.56	77.08	188.1	-0.159

21 150226 0930 37.8 - Bacino di Gioia
 Lat: 38.33 Lon: 15.64 Prof: 89.4 Km
 ± 1.08 km ± 1.36 km ± 4.1 km
 RMS: 0.51s GAP: 50.4° NR: 59

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	30	53.41	55.75	47.1	0.165
VBL2	S	31	3.54	55.75	47.1	-0.951
SMIN	P	30	55.59	87.71	35.8	-0.443
SMIN	S	31	8.41	87.71	35.8	-0.908
ROG2	P	30	58.21	111.35	32.5	-0.238
ROG2	S	31	12.52	111.35	32.5	-0.983
MC32	P	31	0.60	131.55	31.4	0.095
CET2	P	31	0.71	135.76	11.8	0.674
CET2	S	31	16.27	135.76	11.8	0.017
TDS	P	31	3.12	159.36	22.4	-0.743
TDS	S	31	22.66	159.36	22.4	-0.223

22 150227 1303 44.9 - Vallo di Diano
 Lat: 40.11 Lon: 15.97 Prof: 75.9 Km
 ± 1.00 km ± 1.40 km ± 3.6 km
 RMS: 0.45s GAP: 89.9° NR: 36

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	04	-0.44	65.56	181.7	0.456
CET2	S	04	9.02	65.56	181.7	-0.461

23 150228 2028 36.9 - Canyon di Stromboli
 Lat: 38.71 Lon: 15.59 Prof: 156.1 Km
 ± 2.15 km ± 3.99 km ± 3.1 km
 RMS: 0.38s GAP: 182.3° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
TDS	P	29	3.59	122.93	31.7	-0.199