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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**

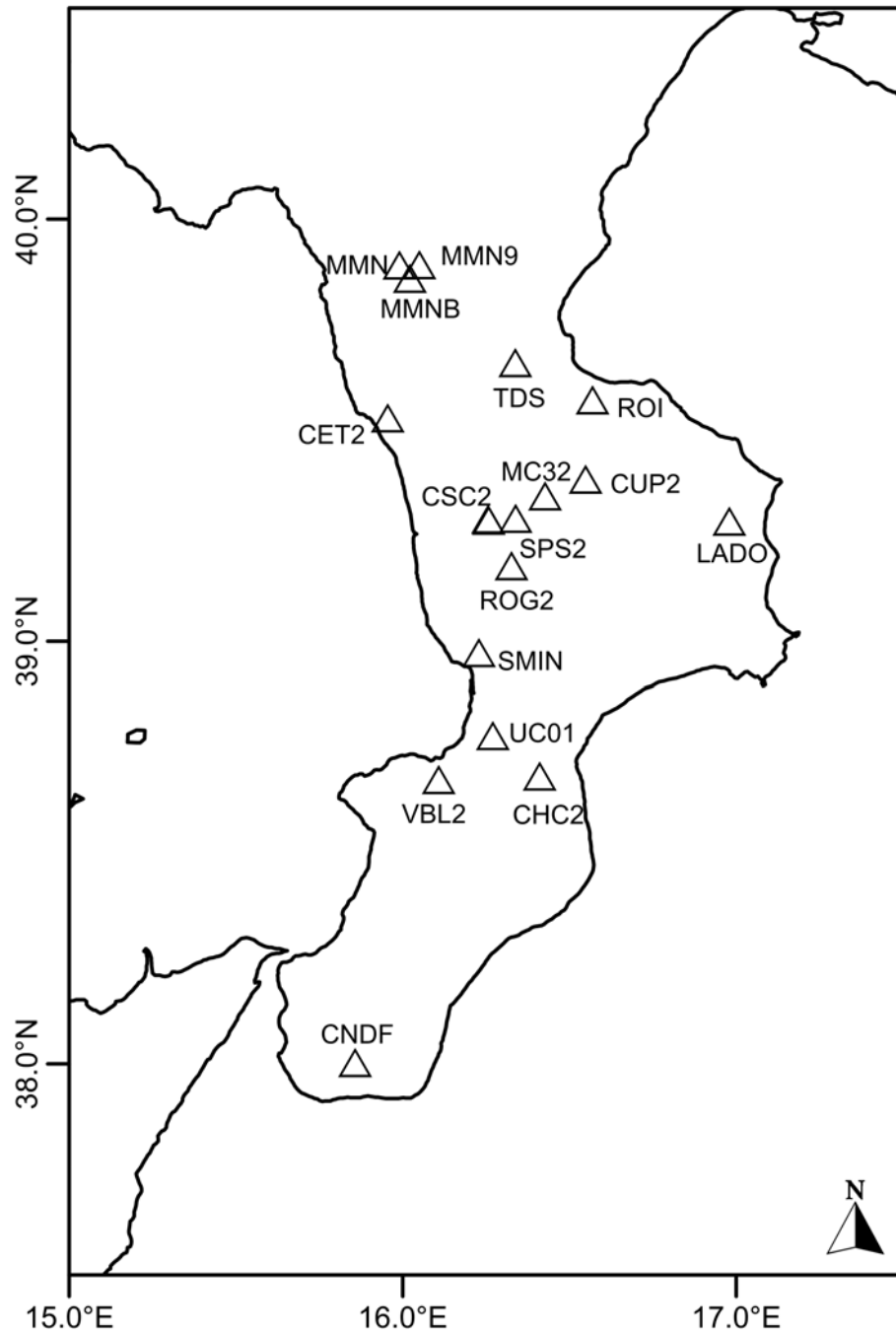
**E**

**DELLE AREE CIRCOSTANTI**

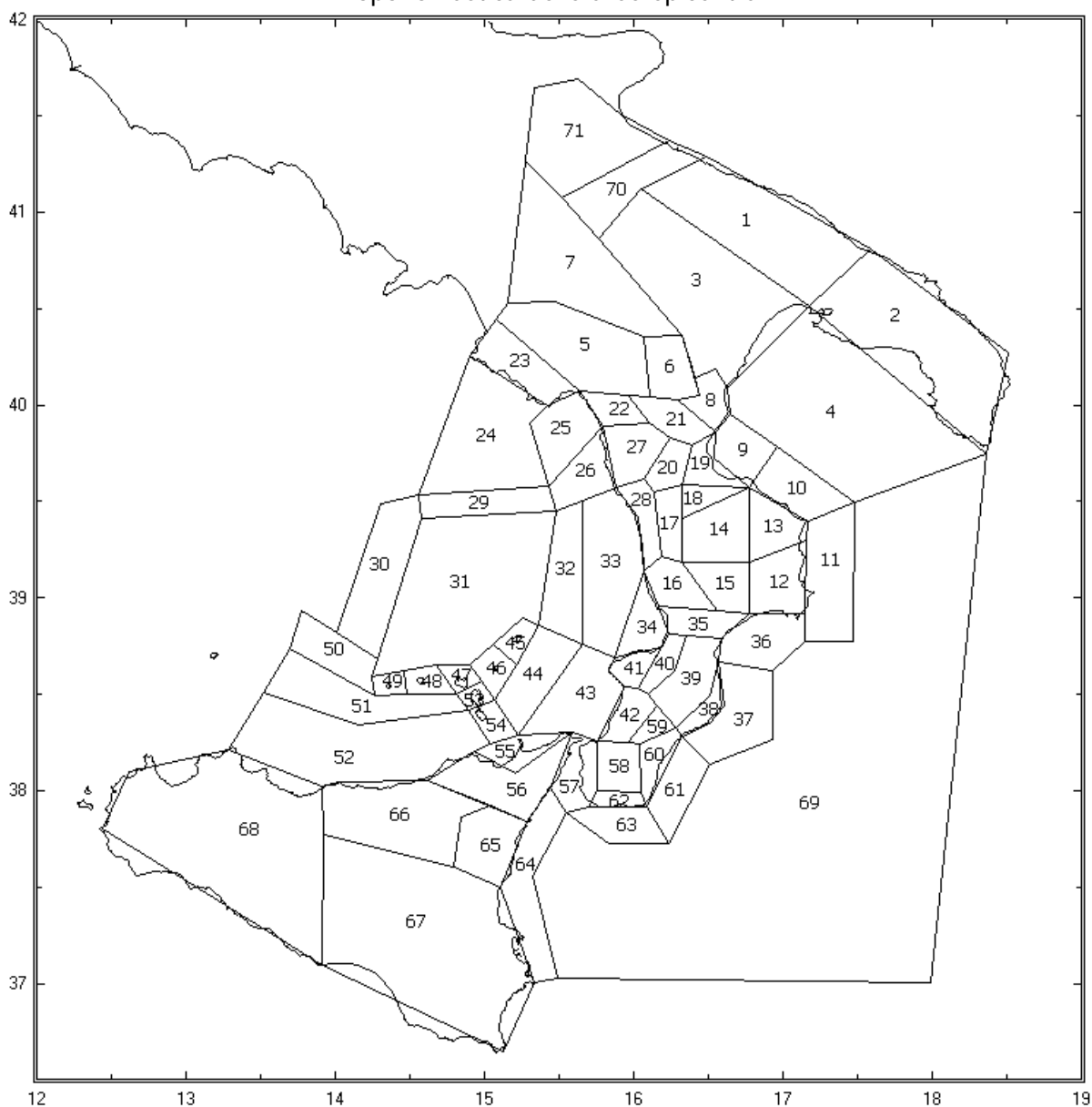
prodotto nell'ambito delle attività dell'O.R. 2.1

Periodo 16-30 Novembre 2015

Distribuzione delle stazioni della Rete Sismica UniCal – Pon MASSIMO



## Toponomastica delle aree epicentrali



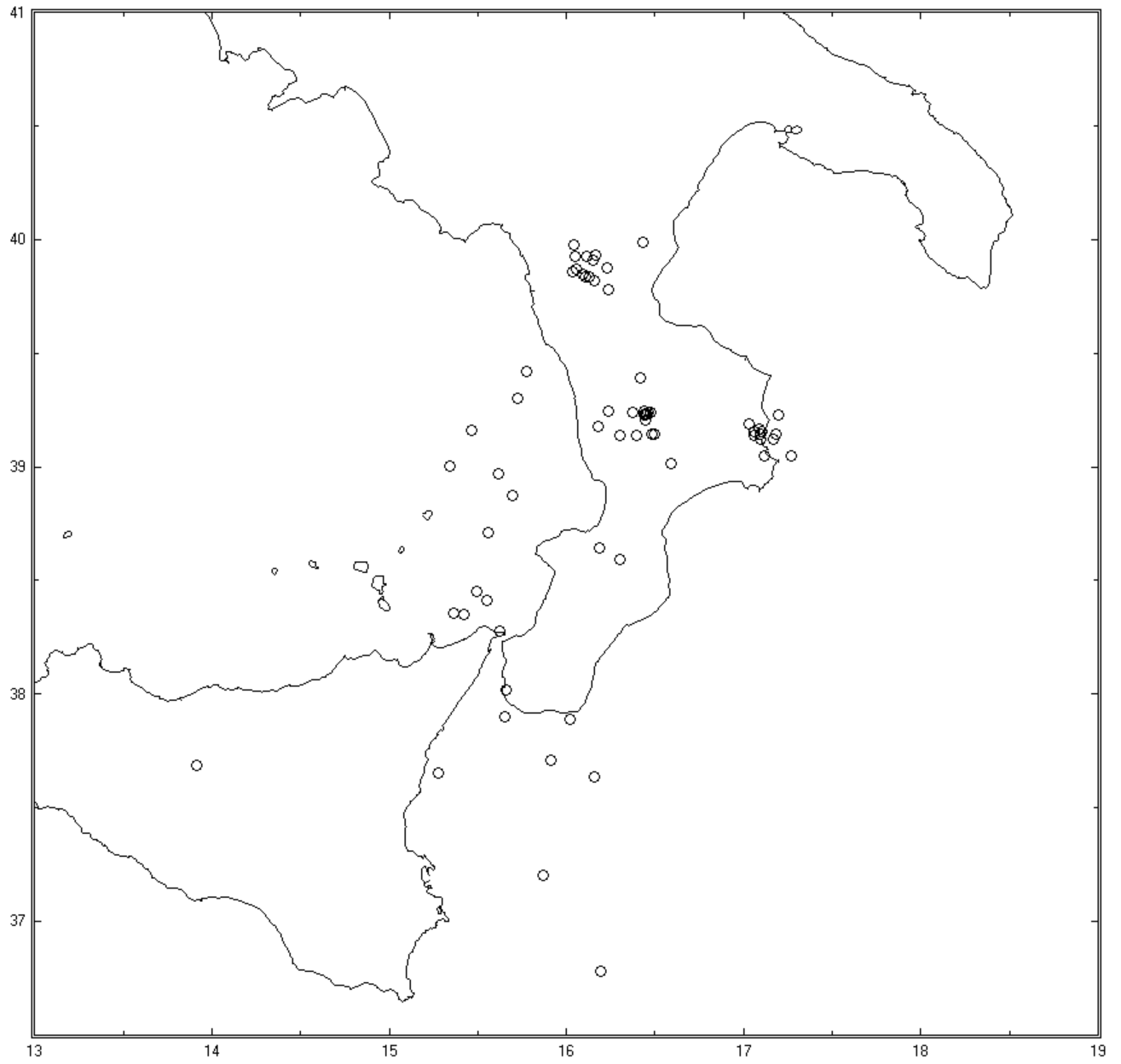
1 Murge	19 Piana di Sibari	37 Offshore Punta Stilo	55 Milazzo
2 Penisola Salentina	20 Valle dell'Esaro	38 Punta Stilo	56 Monti Peloritani
3 Piana del Bradano e del Basento	21 Catena del Pollino	39 Serre centro-settentrionali	57 Stretto di Messina
4 Golfo di Taranto	22 Marate - Rotonda	40 Valle del Mesima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

Parametri ipocentrali degli eventi localizzati nel periodo di riferimento

Data	Orario		Lat N	LON E	H <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
151116	0751	51.6	37.2036	15.8716	35.7	2.2	1.56	2.06	3.62	31	214	0.46	0.25
151116	0856	11.1	39.0463	17.1186	21.7	1.4	1.80	2.37	3.60	16	245	0.55	0.38
151117	0116	15.4	39.2386	16.4603	17.6		0.37	0.77	0.53	6	246	0.09	0.10
151117	0118	2.3	39.2311	16.4405	15.2		0.99	0.68	0.77	6	171	0.13	0.06
151117	0118	47.5	39.2332	16.4430	15.7		0.26	0.18	0.20	6	169	0.03	0.02
151117	0123	37.7	39.2360	16.4481	16.9		0.29	0.21	0.46	10	152	0.08	0.03
151117	0135	47.0	39.2355	16.4521	15.0	0.1	0.87	0.67	1.96	15	138	0.34	0.10
151117	0232	28.6	39.2474	16.4424	23.4	0.4	1.35	0.90	2.27	15	107	0.39	0.10
151117	0316	58.8	39.8375	16.1318	2.0		1.16	0.51	0.76	6	276	0.17	0.25
151117	0318	33.0	39.2348	16.4453	17.3		0.58	0.38	0.59	6	201	0.10	0.06
151117	0422	42.9	39.2328	16.4482	15.1		0.23	0.15	0.18	6	168	0.03	0.01
151117	0430	25.0	39.2401	16.4733	19.4	0.9	1.55	1.32	3.04	12	133	0.52	0.16
151117	1140	40.9	39.7822	16.2354	0.0		1.52	1.78	1.56	8	178	0.35	0.16
151117	1607	36.5	39.2450	16.2394	10.0	1.4	0.61	0.65	2.15	27	117	0.37	0.09
151117	1758	59.0	39.3034	15.7227	117.3	2.5	1.05	1.71	3.97	48	138	0.48	0.10
151117	2345	15.5	39.1591	15.4662	1.5	1.8	0.89	1.04	2.16	24	169	0.48	0.16
151118	0255	3.6	39.1449	16.4958	18.2	1.8	0.33	0.44	1.87	47	57	0.32	0.05
151118	1245	5.2	39.1576	17.1047	16.2		0.94	1.28	0.93	6	287	0.16	0.23
151118	1340	40.0	39.1673	17.0912	21.7	1.8	0.81	1.33	1.61	14	249	0.28	0.21
151118	1405	9.5	39.1238	17.0961	0.0	0.8	2.19	2.62	3.46	10	196	0.77	0.45
151118	1427	23.9	39.1470	17.0954	12.5		0.01	0.02	0.01	4	284	0.00	0.00
151118	1428	6.7	39.0495	17.2668	5.2		3.00	3.55	2.97	6	312	0.51	0.77
151118	1445	11.2	39.1883	17.0319	17.1	1.7	0.02	0.05	0.01	4	263	0.00	0.01
151118	1453	21.2	39.2260	17.1990	38.9		0.00	0.01	0.00	4	315	0.00	0.00
151118	1457	51.6	39.8199	16.1580	0.0		1.38	3.90	3.06	6	210	0.68	0.53
151118	1550	42.0	39.1554	17.0603	12.7		0.34	0.51	0.35	6	273	0.06	0.09
151118	1626	14.9	39.1365	16.3962	7.3	2.5	0.41	0.57	2.65	46	88	0.46	0.07
151118	1642	38.3	39.1202	17.1673	0.5	1.8	1.15	1.12	2.33	25	172	0.52	0.20
151118	2251	25.4	39.0028	15.3399	61.9	1.4	1.93	4.42	4.92	10	170	0.62	0.30
151119	0013	43.9	39.1415	17.1846	0.0		1.87	2.60	1.75	7	294	0.39	0.53
151119	0843	46.6	37.8915	16.0174	31.1	1.8	0.93	0.83	2.33	31	187	0.36	0.13
151119	0943	37.3	37.6851	13.9160	32.2	3.1	1.25	0.94	4.34	61	63	0.67	0.11
151119	1412	43.1	39.4184	15.7737	231.5	2.2	3.17	5.23	3.40	20	95	0.41	0.15
151119	1520	46.0	39.1411	17.0629	9.6		0.01	0.02	0.01	4	274	0.00	0.00
151120	0212	41.1	38.2785	15.6227	70.0	2.1	1.00	1.22	4.49	56	42	0.56	0.08
151120	0543	25.5	39.1444	16.4792	12.6		1.05	1.21	2.87	13	143	0.50	0.17
151120	0610	42.5	38.0198	15.6624	16.2	1.8	0.84	0.43	2.22	31	136	0.38	0.09
151120	1111	16.1	39.1773	16.1826	5.9	1.2	0.42	0.70	1.71	21	89	0.30	0.09
151120	1209	2.5	37.6550	15.2802	30.8	2.3	0.42	0.64	2.15	42	124	0.33	0.05
151120	1714	7.5	39.1375	16.3022	8.5	1.3	0.72	1.26	2.77	16	113	0.48	0.12
151121	0015	5.1	39.8586	16.0362	5.0		2.76	0.78	1.58	8	234	0.27	0.29
151121	1753	12.6	37.6370	16.1552	35.9	1.8	1.21	2.66	3.40	26	226	0.44	0.32
151122	0210	14.8	39.3903	16.4167	11.8		1.04	1.65	1.19	6	304	0.21	0.30
151122	1720	32.8	38.3534	15.3665	122.2	2.8	2.28	2.65	3.37	29	198	0.42	0.16
151122	2215	22.4	39.2292	16.4483	15.6	2.0	0.42	0.49	2.05	34	49	0.35	0.06
151123	0157	8.3	39.8681	16.0598	6.9		2.47	0.43	0.70	6	216	0.12	0.15
151123	1342	50.3	38.3502	15.4186	109.3	2.1	2.01	2.86	3.45	20	94	0.43	0.17
151123	1809	46.1	39.0137	16.5921	6.5		1.75	0.98	2.18	10	235	0.38	0.29
151124	0026	24.4	39.9770	16.0417	0.0		1.02	0.88	1.67	10	220	0.37	0.24
151124	0307	45.1	36.7782	16.1936	26.2	3.1	2.23	1.92	3.45	90	259	0.53	0.35
151124	1144	6.4	38.8725	15.6937	104.9	3.2	0.54	0.81	3.17	100	95	0.40	0.04
151124	2333	12.3	38.7117	15.5587	178.0	3.0	1.34	2.03	3.19	54	79	0.38	0.08
151125	0841	48.0	39.8463	16.0952	1.6		1.11	0.32	0.68	6	249	0.15	0.20
151125	1905	43.3	38.4544	15.4968	132.2	2.9	1.15	1.80	3.60	46	126	0.43	0.08
151126	0131	59.2	39.9284	16.1111	5.0	0.0	1.04	0.62	1.01	8	215	0.22	0.16
151126	1143	12.1	38.6434	16.1890	16.0	1.8	0.63	0.74	2.12	19	100	0.37	0.09
151127	0958	58.7	39.2408	16.3721	0.0		1.82	2.05	3.07	7	191	0.68	0.41
151127	1210	28.2	37.9011	15.6511	32.5	2.1	1.04	0.77	2.48	24	141	0.38	0.10
151127	1556	25.3	39.8391	16.1098	2.7		0.42	0.49	0.92	8	164	0.20	0.09

<b>Data</b>	<b>Orario</b>		<b>Lat N</b>	<b>LON E</b>	<b>H<sub>0</sub></b>	<b>m</b>	<b>δlat</b>	<b>δlon</b>	<b>δH<sub>0</sub></b>	<b>nr</b>	<b>GAP</b>	<b>sqm</b>	<b>δT<sub>0</sub></b>
Aammgg	hhmm	ss.s	°	°	km		km	km	km		°	sec	sec
151128	0130	29.8	38.9700	15.6169	5.6	2.2	0.54	0.76	2.50	42	137	0.43	0.10
151128	0539	50.0	39.8759	16.2308	6.8		1.53	1.23	2.35	10	167	0.52	0.23
151128	0601	23.5	39.9103	16.1469	6.0	1.8	0.78	0.87	2.52	25	90	0.56	0.13
151128	0743	32.3	39.9317	16.1640	5.0		1.78	1.15	1.89	6	168	0.42	0.18
151128	1337	19.2	37.9004	15.6541	32.2	2.5	0.79	0.70	2.16	21	150	0.33	0.09
151128	2307	42.8	37.7106	15.9115	32.2	1.1	3.09	4.22	4.14	13	205	0.64	0.40
151129	0326	31.1	39.2075	16.4477	1.3		0.87	1.85	1.18	6	251	0.26	0.31
151129	0439	34.6	38.5903	16.3009	45.1	1.9	1.18	1.92	4.27	23	108	0.55	0.14
151129	0624	24.8	39.9267	16.0509	2.3		1.02	0.54	1.31	8	186	0.29	0.15
151129	1319	15.9	39.9884	16.4288	17.2	2.0	0.67	0.86	2.72	31	131	0.47	0.11
151129	2247	58.7	38.4146	15.5518	133.9	2.3	1.98	2.14	3.78	28	94	0.46	0.09

Epicentri localizzati nel periodo di riferimento



# **BOLLETTINO**

1 151116 0751 51.6 - Piana bat. ionica  
 Lat: 37.20 Lon: 15.87 Prof: 35.7 Km  
 ± 1.56 km ± 2.06 km ± 3.6 km  
 RMS: 0.46s GAP: 214.1° NR: 31

STN	PHASE	MN	SEC	DIST	AZM	RES
CSC2	P	32	33.95	16.50	285.1	0.194
CSC2	S	32	37.29	16.50	285.1	-0.260
CUP2	P	32	34.12	17.64	31.0	0.073
CUP2	S	32	37.82	17.64	31.0	-0.232

2 151116 0856 11.0 - Marchesato  
 Lat: 39.04 Lon: 17.11 Prof: 21.7 Km  
 ± 1.80 km ± 2.37 km ± 3.6 km  
 RMS: 0.55s GAP: 245.7° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNB	P	17	.20	5.70	19.7	0.010
MMNB	S	17	1.13	5.70	19.7	-0.097
MMN9	P	17	1.04	9.22	311.0	0.109
MMN9	S	17	2.70	9.22	311.0	0.190
MMN	P	17	1.78	13.45	296.2	-0.050
MMN	S	17	3.84	13.45	296.2	-0.229

3 151117 0116 15.3 - Sila Grande  
 Lat: 39.23 Lon: 16.46 Prof: 17.6 Km  
 ± 0.37 km ± 0.77 km ± 0.5 km  
 RMS: 0.09s GAP: 246.5° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	16	20.07	17.77	25.1	-0.057
CUP2	S	16	23.66	17.77	25.1	0.067

4 151117 0118 02.3 - Sila Grande  
 Lat: 39.23 Lon: 16.44 Prof: 15.2 Km  
 ± 0.99 km ± 0.68 km ± 0.8 km  
 RMS: 0.13s GAP: 171.9° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	18	5.79	11.01	307.0	-0.066
SPS2	S	18	8.52	11.01	307.0	0.077

5 151117 0118 47.5 - Sila Grande  
 Lat: 39.23 Lon: 16.44 Prof: 15.7 Km  
 ± 0.26 km ± 0.18 km ± 0.2 km  
 RMS: 0.03s GAP: 169.7° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	18	51.07	11.05	305.4	-0.032
SPS2	S	18	53.78	11.05	305.4	0.037

6 151117 0123 37.6 - Sila Grande  
 Lat: 39.23 Lon: 16.44 Prof: 16.9 Km  
 ± 0.29 km ± 0.21 km ± 0.5 km  
 RMS: 0.08s GAP: 152.1° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	23	41.41	11.24	302.8	-0.043
SPS2	S	23	44.15	11.24	302.8	-0.081
CSC2	P	23	42.15	17.34	288.7	0.055
CSC2	S	23	45.38	17.34	288.7	0.038
CUP2	P	23	42.32	18.50	27.6	-0.083
CUP2	S	23	46.04	18.50	27.6	0.163

7 151117 0135 47.0 - Sila Grande  
 Lat: 39.23 Lon: 16.45 Prof: 15.0 Km  
 ± 0.87 km ± 0.67 km ± 2.0 km  
 RMS: 0.34s GAP: 138.7° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	35	50.61	11.56	302.1	-0.010
SPS2	S	35	53.36	11.56	302.1	0.130
CUP2	P	35	51.51	18.39	26.6	-0.064
CUP2	S	35	55.38	18.39	26.6	0.498
CET2	P	35	56.97	53.83	307.2	-0.318
CET2	S	36	5.74	53.83	307.2	0.961

8 151117 0232 28.5 - Sila Grande  
 Lat: 39.24 Lon: 16.44 Prof: 23.4 Km  
 ± 1.35 km ± 0.90 km ± 2.3 km  
 RMS: 0.39s GAP: 107.4° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	32	33.28	10.17	298.3	0.016
SPS2	S	32	35.99	10.17	298.3	-0.706

9 151117 0316 58.7 - Alto Tirreno Cosentino  
 Lat: 39.83 Lon: 16.13 Prof: 2.0 Km  
 ± 1.16 km ± 0.51 km ± 0.8 km  
 RMS: 0.17s GAP: 276.5° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNB	P	17	.20	5.70	19.7	0.010
MMNB	S	17	1.13	5.70	19.7	-0.097
MMN9	P	17	1.04	9.22	311.0	0.109
MMN9	S	17	2.70	9.22	311.0	0.190
MMN	P	17	1.78	13.45	296.2	-0.050
MMN	S	17	3.84	13.45	296.2	-0.229

10 151117 0318 32.9 - Sila Grande  
 Lat: 39.23 Lon: 16.44 Prof: 17.3 Km  
 ± 0.58 km ± 0.38 km ± 0.6 km  
 RMS: 0.10s GAP: 201.5° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	18	36.86	11.12	304.1	0.036
SPS2	S	18	39.59	11.12	304.1	-0.044
CUP2	P	18	37.71	18.73	28.1	-0.093
CUP2	S	18	41.44	18.73	28.1	0.109

11 151117 0422 42.9 - Sila Grande  
 Lat: 39.23 Lon: 16.44 Prof: 15.1 Km  
 ± 0.23 km ± 0.15 km ± 0.2 km  
 RMS: 0.03s GAP: 168.1° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	22	46.49	11.44	304.3	0.000
SPS2	S	22	49.10	11.44	304.3	0.000

12 151117 0430 25.0 - Sila Grande  
 Lat: 39.24 Lon: 16.47 Prof: 19.4 Km  
 ± 1.55 km ± 1.32 km ± 3.0 km  
 RMS: 0.52s GAP: 133.5° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	30	29.41	12.91	295.9	0.057
SPS2	S	30	32.08	12.91	295.9	-0.431
CUP2	P	30	30.22	17.17	21.9	0.292
CUP2	S	30	33.91	17.17	21.9	0.405

13 151117 1140 40.8 - Valle dell'Esaro  
 Lat: 39.78 Lon: 16.23 Prof: 0.0 Km  
 ± 1.52 km ± 1.78 km ± 1.6 km  
 RMS: 0.35s GAP: 178.4° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNB	P	40	43.72	13.45	328.9	-0.126
MMNB	S	40	46.00	13.45	328.9	-0.037
TDS	P	40	44.43	16.18	147.3	-0.017
TDS	S	40	46.98	16.18	147.3	-0.100
MMN	P	40	46.34	24.18	300.0	0.112
MMN	S	40	49.50	24.18	300.0	-0.663

14 151117 1607 36.4 - Valle del Crati  
 Lat: 39.24 Lon: 16.23 Prof: 10.0 Km  
 ± 0.61 km ± 0.65 km ± 2.1 km  
 RMS: 0.37s GAP: 117.6° NR: 27

STN	PHASE	MN	SEC	DIST	AZM	RES
SCOI	P	07	38.92	5.12	16.7	0.289
SCOI	S	07	40.28	5.12	16.7	0.062
CSC2	P	07	38.94	4.85	19.2	0.323
CSC2	S	07	40.33	4.85	19.2	0.137
SPS2	P	07	39.29	9.98	59.2	0.081
SPS2	S	07	41.01	9.98	59.2	-0.209
ROG2	P	07	39.52	10.52	134.7	0.240
ROG2	S	07	41.21	10.52	134.7	-0.128
CUP2	P	07	42.36	30.74	59.9	-0.161
CUP2	S	07	46.72	30.74	59.9	-0.234
SMIN	P	07	42.67	30.22	181.8	0.333
SMIN	S	07	46.78	30.22	181.8	0.142



CET2 P 07 44.19 39.93 322.2 0.019  
 CET2 S 07 49.38 39.93 322.2 -0.430  
 LADO P 07 48.15 64.00 85.9 0.088  
 LADO S 07 57.06 64.00 85.9 0.511

15 151117 1758 58.9 - Bacino di Paola  
 Lat: 39.30 Lon: 15.72 Prof: 117.3 Km  
 ± 1.05 km ± 1.71 km ± 4.0 km  
 RMS: 0.48s GAP: 138.8° NR: 48

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	59	16.35	32.01	38.8	0.926
CET2	S	59	28.39	32.01	38.8	0.918
SMIN	P	59	17.00	57.06	130.2	-0.245
SMIN	S	59	30.16	57.06	130.2	-0.464
ROG2	P	59	17.45	53.90	105.1	0.383
ROG2	S	59	29.83	53.90	105.1	-0.486
TDS	P	59	18.19	66.01	53.4	0.399
TDS	S	59	31.88	66.01	53.4	0.311
CUP2	P	59	18.99	71.71	82.9	0.844
CUP2	S	59	33.12	71.71	82.9	0.937
CNDF	P	59	25.21	144.80	175.6	0.725
CNDF	S	59	43.53	144.80	175.6	0.367

16 151117 2345 15.5 - Scarpata di Paola  
 Lat: 39.15 Lon: 15.46 Prof: 1.5 Km  
 ± 0.89 km ± 1.04 km ± 2.2 km  
 RMS: 0.48s GAP: 169.6° NR: 24

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	45	26.41	58.80	46.1	-0.203
CET2	S	45	34.97	58.80	46.1	0.212
SMIN	P	45	28.39	69.11	107.6	-0.006
SMIN	S	45	37.52	69.11	107.6	-0.328
CSC2	P	45	28.78	69.80	78.6	0.300
CSC2	S	45	38.51	69.80	78.6	0.509
SPS2	P	45	29.91	76.76	79.2	0.189
SPS2	S	45	40.27	76.76	79.2	0.134

17 151118 0255 03.6 - Sila Piccola  
 Lat: 39.14 Lon: 16.49 Prof: 18.2 Km  
 ± 0.33 km ± 0.44 km ± 1.9 km  
 RMS: 0.32s GAP: 57.8° NR: 47

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	55	7.90	15.13	284.1	-0.093
ROG2	S	55	10.61	15.13	284.1	-0.593
SPS2	P	55	8.70	21.14	320.0	-0.033
SPS2	S	55	12.88	21.14	320.0	0.395
CSC2	P	55	9.27	25.86	307.3	-0.074
CSC2	S	55	13.68	25.86	307.3	0.139
SCOI	P	55	9.27	26.15	307.7	-0.109
SCOI	S	55	13.61	26.15	307.7	0.007
CUP2	P	55	9.84	26.87	9.5	0.203
CUP2	S	55	14.48	26.87	9.5	0.430
SMIN	P	55	10.08	30.01	230.4	0.086
SMIN	S	55	14.49	30.01	230.4	-0.177
LADO	P	55	11.84	44.52	69.4	-0.410
TDS	P	55	13.94	58.73	346.5	-0.610
TDS	S	55	22.83	58.73	346.5	0.271
CHC2	P	55	14.13	51.94	188.0	0.480
CHC2	S	55	21.13	51.94	188.0	0.130
CET2	P	55	15.32	63.19	312.4	-0.119
CET2	S	55	23.93	63.19	312.4	-0.168
MMNB	P	55	20.34	87.35	340.3	0.381
MMNB	S	55	31.79	87.35	340.3	-0.135

18 151118 1245 05.1 - Marchesato  
 Lat: 39.15 Lon: 17.10 Prof: 16.2 Km  
 ± 0.94 km ± 1.28 km ± 0.9 km  
 RMS: 0.16s GAP: 287.2° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	45	9.76	17.72	321.8	0.148
LADO	S	45	12.68	17.72	321.8	-0.171

19 151118 1340 39.9 - Marchesato  
 Lat: 39.16 Lon: 17.09 Prof: 21.7 Km  
 ± 0.81 km ± 1.33 km ± 1.6 km  
 RMS: 0.28s GAP: 249.5° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	40	45.03	16.15	322.8	0.134
LADO	S	40	47.91	16.15	322.8	-0.600
CUP2	P	40	50.36	52.64	296.7	0.120
CUP2	S	40	58.10	52.64	296.7	0.335
ROG2	P	40	52.48	66.13	270.8	0.132

20 151118 1405 09.5 - Marchesato  
 Lat: 39.12 Lon: 17.09 Prof: 0.0 Km  
 ± 2.19 km ± 2.62 km ± 3.5 km  
 RMS: 0.77s GAP: 196.2° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	05	13.24	20.44	329.9	-0.689
LADO	S	05	18.05	20.44	329.9	0.873

21 151118 1427 23.9 - Marchesato  
 Lat: 39.14 Lon: 17.09 Prof: 12.5 Km  
 ± 0.01 km ± 0.02 km ± 0.0 km  
 RMS: 0.00s GAP: 284.2° NR: 4

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	27	28.03	18.21	326.1	0.000
LADO	S	27	31.04	18.21	326.1	0.000

22 151118 1428 06.7 - Offshore Crotone  
 Lat: 39.04 Lon: 17.26 Prof: 5.2 Km  
 ± 3.00 km ± 3.55 km ± 3.0 km  
 RMS: 0.51s GAP: 312.0° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	28	13.39	35.98	315.8	-0.089
LADO	S	28	18.36	35.98	315.8	-0.051

23 151118 1445 11.2 - Marchesato  
 Lat: 39.18 Lon: 17.03 Prof: 17.1 Km  
 ± 0.02 km ± 0.05 km ± 0.0 km  
 RMS: 0.00s GAP: 263.6° NR: 4

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	45	15.03	11.54	336.4	0.001
LADO	S	45	17.83	11.54	336.4	0.000

24 151118 1453 21.2 - Offshore Crotone  
 Lat: 39.22 Lon: 17.19 Prof: 38.9 Km  
 ± 0.00 km ± 0.01 km ± 0.0 km  
 RMS: 0.00s GAP: 315.8° NR: 4

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	53	28.22	20.01	288.2	0.000
LADO	S	53	33.34	20.01	288.2	0.000

25 151118 1457 51.5 - Alto Tirreno Cosentino  
 Lat: 39.81 Lon: 16.15 Prof: 0.0 Km  
 ± 1.38 km ± 3.90 km ± 3.1 km  
 RMS: 0.68s GAP: 211.0° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNB	P	57	53.09	7.32	357.5	-0.102
MMNB	S	57	54.00	7.32	357.5	-0.392
CET2	P	58	-0.26	36.73	208.5	0.021
CET2	S	58	5.25	36.73	208.5	-0.443

26 151118 1550 42.0 - Marchesato  
 Lat: 39.15 Lon: 17.06 Prof: 12.7 Km  
 ± 0.34 km ± 0.51 km ± 0.4 km  
 RMS: 0.06s GAP: 273.8° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	50	45.89	15.88	333.4	0.059
LADO	S	50	48.55	15.88	333.4	-0.063

27 151118 1626 14.8 - Sila Piccola  
 Lat: 39.13 Lon: 16.39 Prof: 7.3 Km  
 ± 0.41 km ± 0.57 km ± 2.7 km  
 RMS: 0.46s GAP: 88.7° NR: 46

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	26	17.02	7.64	307.4	0.028
ROG2	S	26	18.35	7.64	307.4	-0.206

SPS2	P	26	18.60	17.86	343.8	0.043
SPS2	S	26	21.46	17.86	343.8	0.194
SMIN	P	26	19.21	23.25	218.6	-0.243
SMIN	S	26	22.81	23.25	218.6	-0.007
SCOI	P	26	19.37	20.82	324.5	0.365
SCOI	S	26	22.21	20.82	324.5	0.169
CUP2	P	26	20.93	30.39	25.4	0.175
CUP2	S	26	25.32	30.39	25.4	0.249
TDS	P	26	24.44	58.28	354.9	-0.951
TDS	S	26	32.87	58.28	354.9	-0.234
LADO	P	26	24.62	52.96	71.7	0.111
LADO	S	26	32.28	52.96	71.7	0.705
CET2	P	26	25.08	57.85	318.9	-0.527
CET2	S	26	33.40	57.85	318.9	-0.074
CHC2	P	26	25.16	50.49	178.5	0.836
CHC2	S	26	32.00	50.49	178.5	0.747
MMNB	P	26	31.60	85.76	345.9	0.803
MMN	P	26	31.82	90.72	337.4	0.758
MMN	S	26	42.43	90.72	337.4	-0.493

**28** 151118 1642 38.3 - Offshore Crotone  
 Lat: 39.12 Lon: 17.16 Prof: .5 Km  
 ± 1.15 km ± 1.12 km ± 2.3 km  
 RMS: 0.52s GAP: 172.2° NR: 25

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	42	44.25	24.37	317.7	0.607
LADO	S	42	47.43	24.37	317.7	-0.105
CUP2	P	42	49.69	60.91	298.3	-0.364
CUP2	S	42	57.65	60.91	298.3	-0.989
ROG2	P	42	51.57	73.01	274.7	-0.482
SPS2	P	42	53.01	74.03	284.5	0.784
SPS2	S	43	2.12	74.03	284.5	-0.283
SMIN	P	42	54.32	82.92	258.3	0.562
SMIN	S	43	5.60	82.92	258.3	0.547
CET2	P	42	59.25	113.98	293.2	0.521
CET2	S	43	14.25	113.98	293.2	0.586

**29** 151118 2251 25.4 - Piana batiale del Tirreno  
 Lat: 39.00 Lon: 15.33 Prof: 61.9 Km  
 ± 1.93 km ± 4.42 km ± 4.9 km  
 RMS: 0.62s GAP: 170.5° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	51	40.54	78.89	42.6	0.977
CNDF	P	51	45.49	119.78	158.3	0.692
CNDF	S	51	58.47	119.78	158.3	-0.501

**30** 151119 0013 43.8 - Offshore Crotone  
 Lat: 39.14 Lon: 17.18 Prof: 0.0 Km  
 ± 1.87 km ± 2.60 km ± 1.8 km  
 RMS: 0.39s GAP: 294.6° NR: 7

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	13	49.60	23.75	311.2	0.451
LADO	S	13	52.58	23.75	311.2	-0.430

**31** 151119 0843 46.6 - Offshore Calabria Meridionale  
 Lat: 37.89 Lon: 16.01 Prof: 31.1 Km  
 ± 0.93 km ± 0.83 km ± 2.3 km  
 RMS: 0.36s GAP: 187.1° NR: 31

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	43	52.82	18.76	311.5	-0.186
CNDF	S	43	57.49	18.76	311.5	-0.178

**32** 151119 0943 37.2 - Sicilia Centro-Meridionale  
 Lat: 37.68 Lon: 13.91 Prof: 32.2 Km  
 ± 1.25 km ± 0.94 km ± 4.3 km  
 RMS: 0.67s GAP: 63.2° NR: 61

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	44	15.66	270.93	41.8	0.000

**33** 151119 1412 43.0 - Bacino di Paola  
 Lat: 39.41 Lon: 15.77 Prof: 231.5 Km  
 ± 3.17 km ± 5.23 km ± 3.4 km  
 RMS: 0.41s GAP: 95.6° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	13	13.30	19.81	52.0	0.409
CET2	S	13	35.18	19.81	52.0	0.474
SPS2	P	13	14.15	50.70	106.3	-0.014

**34** 151119 1520 45.9 - Marchesato  
 Lat: 39.14 Lon: 17.06 Prof: 9.6 Km  
 ± 0.01 km ± 0.02 km ± 0.0 km  
 RMS: 0.00s GAP: 274.8° NR: 4

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	20	49.71	17.43	335.0	0.000
LADO	S	20	52.46	17.43	335.0	0.000

**35** 151120 0212 41.1 - Stretto di Messina  
 Lat: 38.27 Lon: 15.62 Prof: 70.0 Km  
 ± 1.00 km ± 1.22 km ± 4.5 km  
 RMS: 0.56s GAP: 42.1° NR: 56

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	12	53.52	36.82	146.4	0.594
CNDF	S	13	2.24	36.82	146.4	0.673
SMIN	P	12	57.56	93.39	34.6	-0.942
SMIN	S	13	10.49	93.39	34.6	-0.735
SPS2	P	13	1.93	128.46	29.1	-0.659
SPS2	S	13	17.75	128.46	29.1	-0.555
CET2	P	13	3.40	141.74	12.0	0.448
CET2	S	13	18.55	141.74	12.0	-0.382

**36** 151120 0543 25.4 - Sila Piccola  
 Lat: 39.14 Lon: 16.47 Prof: 12.6 Km  
 ± 1.05 km ± 1.21 km ± 2.9 km  
 RMS: 0.50s GAP: 143.8° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	43	31.08	27.19	12.5	-0.012
CUP2	S	43	35.68	27.19	12.5	0.471
SMIN	P	43	31.28	28.88	228.7	0.015
SMIN	S	43	35.47	28.88	228.7	-0.036
LADO	P	43	35.00	45.89	70.0	0.941
LADO	S	43	40.07	45.89	70.0	-0.275

**37** 151120 0610 42.4 - Stretto di Messina  
 Lat: 38.01 Lon: 15.66 Prof: 16.2 Km  
 ± 0.84 km ± 0.43 km ± 2.2 km  
 RMS: 0.38s GAP: 136.5° NR: 31

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	10	47.03	17.20	96.4	0.170
CNDF	S	10	50.00	17.20	96.4	-0.070

**38** 151120 1111 16.1 - Amantea - M.Reventino  
 Lat: 39.17 Lon: 16.18 Prof: 5.9 Km  
 ± 0.42 km ± 0.70 km ± 1.7 km  
 RMS: 0.30s GAP: 89.8° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	11	18.50	12.38	89.4	-0.333
ROG2	S	11	20.50	12.38	89.4	-0.331
SCOI	P	11	19.25	13.97	27.2	0.201
SCOI	S	11	21.67	13.97	27.2	0.467
SPS2	P	11	19.82	18.46	46.9	-0.025
SPS2	S	11	23.23	18.46	46.9	0.646
SMIN	P	11	20.65	23.02	170.2	0.030
SMIN	S	11	23.90	23.02	170.2	-0.024
CET2	P	11	24.16	43.69	333.4	-0.232

**39** 151120 1209 02.5 - Coste Sicilia Or.  
 Lat: 37.65 Lon: 15.28 Prof: 30.8 Km  
 ± 0.42 km ± 0.64 km ± 2.2 km  
 RMS: 0.33s GAP: 124.3° NR: 42

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	09	15.02	63.83	53.1	0.300
CNDF	S	09	23.97	63.83	53.1	0.309

40 151120 1714 07.5 - Amantea - M.Reventino  
 Lat: 39.13 Lon: 16.30 Prof: 8.5 Km  
 ± 0.72 km ± 1.26 km ± 2.8 km  
 RMS: 0.48s GAP: 113.8° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	14	9.34	4.98	24.3	-0.163
ROG2	S	14	10.30	4.98	24.3	-0.662
SPS2	P	14	11.36	17.34	10.4	0.165
SPS2	S	14	13.90	17.34	10.4	0.006
SMIN	P	14	11.69	19.35	199.3	0.175
SMIN	S	14	14.58	19.35	199.3	0.132
CET2	P	14	17.30	52.78	325.5	-0.093
CET2	S	14	23.69	52.78	325.5	-0.939

41 151121 0015 05.0 - Alto Tirreno Cosentino  
 Lat: 39.85 Lon: 16.03 Prof: 5.0 Km  
 ± 2.76 km ± 0.78 km ± 1.6 km  
 RMS: 0.27s GAP: 234.7° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	15	6.65	5.29	312.7	-0.054
MMN	S	15	7.81	5.29	312.7	-0.076
MMN1	P	15	6.65	5.10	308.1	-0.041
MMN1	S	15	7.64	5.10	308.1	-0.223
MMN9	P	15	6.76	3.88	18.3	0.196
MMN9	S	15	7.89	3.88	18.3	0.247
MMNB	P	15	7.83	10.54	73.4	0.178
MMNB	S	15	8.99	10.54	73.4	-0.537

42 151121 1753 12.6 - Piana bat. ionica  
 Lat: 37.63 Lon: 16.15 Prof: 35.9 Km  
 ± 1.21 km ± 2.66 km ± 3.4 km  
 RMS: 0.44s GAP: 226.0° NR: 26

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	53	23.30	48.38	327.3	0.573
CNDF	S	53	30.76	48.38	327.3	0.635
SPS2	P	53	25.25	184.30	5.0	15.440

43 151122 0210 14.8 - Sila Grande  
 Lat: 39.39 Lon: 16.41 Prof: 11.8 Km  
 ± 1.04 km ± 1.65 km ± 1.2 km  
 RMS: 0.21s GAP: 304.5° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	10	18.16	11.35	93.7	0.074
CUP2	S	10	20.37	11.35	93.7	-0.090

44 151122 1720 32.8 - Bacino di Gioia  
 Lat: 38.35 Lon: 15.36 Prof: 122.2 Km  
 ± 2.28 km ± 2.65 km ± 3.4 km  
 RMS: 0.42s GAP: 198.3° NR: 29

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	20	51.93	57.96	132.5	0.301
CNDF	S	21	5.63	57.96	132.5	0.219
LADO	P	21	.95	174.03	53.6	-0.885
LADO	S	21	23.81	174.03	53.6	0.722

45 151122 2215 22.3 - Sila Grande  
 Lat: 39.22 Lon: 16.44 Prof: 15.6 Km  
 ± 0.42 km ± 0.49 km ± 2.1 km  
 RMS: 0.35s GAP: 49.2° NR: 34

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	15	26.20	11.68	305.9	0.175
SPS2	S	15	28.74	11.68	305.9	0.036
ROG2	P	15	26.28	11.98	241.8	0.220
ROG2	S	15	28.79	11.98	241.8	0.024
SCOI	P	15	26.85	17.85	291.9	0.135
SCOI	S	15	29.92	17.85	291.9	0.023
CSC2	P	15	26.89	17.61	291.0	0.198
CSC2	S	15	29.96	17.61	291.0	0.103
CUP2	P	15	27.21	19.16	26.5	0.155
CUP2	S	15	30.53	19.16	26.5	0.045
TDS	P	15	30.82	48.71	348.6	-0.705
TDS	S	15	38.56	48.71	348.6	0.334
LADO	P	15	30.94	46.23	82.1	-0.209
LADO	S	15	36.69	46.23	82.1	-0.885

CET2 P 15 32.61 54.00 308.0 -0.042  
 CET2 S 15 39.32 54.00 308.0 -0.858  
 MMNB P 15 37.37 77.16 340.8 0.460  
 MMNB S 15 47.76 77.16 340.8 0.208

46 151123 0157 08.3 - Alto Tirreno Cosentino  
 Lat: 39.86 Lon: 16.05 Prof: 6.9 Km  
 ± 2.47 km ± 0.43 km ± 0.7 km  
 RMS: 0.12s GAP: 216.9° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	57	10.04	2.76	343.1	0.052
MMN9	S	57	11.30	2.76	343.1	0.096
MMN	P	57	10.36	6.43	293.3	0.052
MMN	S	57	11.56	6.43	293.3	-0.197
MMNB	P	57	10.66	8.31	76.3	-0.018
MMNB	S	57	12.33	8.31	76.3	-0.070

47 151123 1342 50.3 - Bacino di Gioia  
 Lat: 38.35 Lon: 15.41 Prof: 109.3 Km  
 ± 2.01 km ± 2.86 km ± 3.5 km  
 RMS: 0.43s GAP: 94.8° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	43	14.49	138.84	19.9	0.370
CET2	S	43	31.91	138.84	19.9	0.377

48 151123 1809 46.0 - Sila Piccola  
 Lat: 39.01 Lon: 16.59 Prof: 6.5 Km  
 ± 1.75 km ± 0.98 km ± 2.2 km  
 RMS: 0.38s GAP: 235.0° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	09	51.85	29.39	308.3	0.153
ROG2	S	09	55.78	29.39	308.3	-0.030
CUP2	P	09	53.71	41.22	354.5	-0.099
CUP2	S	10	.41	41.22	354.5	0.940

49 151124 0026 24.4 - Maratea - Rotonda  
 Lat: 39.97 Lon: 16.04 Prof: 0.0 Km  
 ± 1.02 km ± 0.88 km ± 1.7 km  
 RMS: 0.37s GAP: 220.9° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	26	26.46	10.52	204.7	-0.272
MMN	S	26	27.95	10.52	204.7	-0.500
MMN9	P	26	26.46	9.48	175.7	-0.047
MMN9	S	26	27.95	9.48	175.7	-0.109
MMN1	P	26	26.72	10.97	204.3	-0.114
MMN1	S	26	29.61	10.97	204.3	0.983
MMNB	P	26	27.61	13.96	136.6	0.115
MMNB	S	26	29.83	13.96	136.6	0.060

50 151124 0307 45.1 - Piana bat. ionica  
 Lat: 36.77 Lon: 16.19 Prof: 26.2 Km  
 ± 2.23 km ± 1.92 km ± 3.4 km  
 RMS: 0.53s GAP: 259.5° NR: 90

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	08	7.53	139.19	347.8	0.015
CNDF	S	08	24.24	139.19	347.8	0.340
LADO	P	08	26.12	286.56	13.7	0.000
LADO	S	08	55.68	286.56	13.7	0.000
SPS2	P	08	26.23	279.21	2.6	0.000
SPS2	S	08	54.52	279.21	2.6	0.000
CUP2	P	08	28.21	290.84	6.1	0.000
CUP2	S	08	57.19	290.84	6.1	0.000
CET2	P	08	28.61	306.03	356.2	0.000
CET2	S	08	58.71	306.03	356.2	0.000
ROI	P	08	31.11	311.83	6.0	0.000
ROI	S	08	59.17	311.83	6.0	0.000
TDS	P	08	31.32	320.06	2.2	0.000
TDS	S	09	1.55	320.06	2.2	0.000
MMNB	P	08	34.74	344.97	359.5	0.000
MMNB	S	09	9.65	344.97	359.5	0.000

51 151124 1144 06.3 - Bacino di Paola  
 Lat: 38.87 Lon: 15.69 Prof: 104.9 Km  
 ± 0.54 km ± 0.81 km ± 3.2 km  
 RMS: 0.40s GAP: 95.8° NR: 00

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	44	23.57	64.42	58.3	-0.205
ROG2	S	44	35.98	64.42	58.3	-0.537
CSC2	P	44	23.85	67.03	46.9	-0.058
CSC2	S	44	36.60	67.03	46.9	-0.148
SCOI	P	44	23.86	67.17	46.6	-0.053
SCOI	S	44	36.19	67.17	46.6	-0.566
CHC2	P	44	24.20	65.79	108.9	0.398
CHC2	S	44	37.29	65.79	108.9	0.728
SPS2	P	44	24.31	72.62	50.4	-0.080
SPS2	S	44	36.95	72.62	50.4	-0.630
CET2	P	44	24.61	76.26	17.5	0.630
CET2	S	44	37.27	76.26	17.5	0.399
CUP2	P	44	26.91	93.14	52.6	0.875
CUP2	S	44	41.15	93.14	52.6	0.718
TDS	P	44	27.02	103.52	32.6	-0.057
TDS	S	44	42.12	103.52	32.6	-0.114
MMN	P	44	27.97	115.91	13.0	-0.397
ROI	P	44	28.17	108.36	44.3	0.662
ROI	S	44	43.02	108.36	44.3	0.039
LADO	P	44	28.38	120.26	67.6	0.002
LADO	S	44	43.99	120.26	67.6	-0.499

52 151124 2333 12.2 - Canyon di Stromboli  
 Lat: 38.71 Lon: 15.55 Prof: 178.0 Km  
 ± 1.34 km ± 2.03 km ± 3.2 km  
 RMS: 0.38s GAP: 79.9° NR: 54

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	33	38.25	84.31	52.3	-0.375
ROG2	S	33	57.07	84.31	52.3	-0.828
CSC2	P	33	38.38	87.96	43.7	-0.393
CSC2	S	33	57.63	87.96	43.7	-0.535
SCOI	P	33	38.62	88.11	43.5	-0.159
SCOI	S	33	57.57	88.11	43.5	-0.591
CNDF	P	33	38.68	82.85	162.0	0.288
CNDF	S	33	57.68	82.85	162.0	0.186
SPS2	P	33	39.04	93.28	46.6	-0.108
SPS2	S	33	59.18	93.28	46.6	0.377
CET2	P	33	39.15	96.96	21.0	0.498
CET2	S	33	58.82	96.96	21.0	0.878
CUP2	P	33	41.17	113.57	49.1	0.756
CUP2	S	34	1.81	113.57	49.1	0.813
MMNB	P	33	42.65	140.11	21.7	-0.226
MMNB	S	34	5.80	140.11	21.7	0.538

53 151125 0841 48.0 - Alto Tirreno Cosentino  
 Lat: 39.84 Lon: 16.09 Prof: 1.6 Km  
 ± 1.11 km ± 0.32 km ± 0.7 km  
 RMS: 0.15s GAP: 250.0° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNB	P	41	49.60	6.68	49.1	-0.012
MMNB	S	41	50.69	6.68	49.1	-0.081
MMN9	P	41	49.67	6.34	322.9	0.114
MMN9	S	41	50.77	6.34	322.9	0.096
MMN	P	41	50.38	10.22	299.0	0.015
MMN	S	41	51.83	10.22	299.0	-0.246

54 151125 1905 43.2 - Bacino di Gioia  
 Lat: 38.45 Lon: 15.49 Prof: 132.2 Km  
 ± 1.15 km ± 1.80 km ± 3.6 km  
 RMS: 0.43s GAP: 126.5° NR: 46

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	06	3.31	59.19	148.1	0.253
CNDF	S	06	18.06	59.19	148.1	0.504
ROG2	P	06	6.16	107.90	42.1	-0.569
ROG2	S	06	22.98	107.90	42.1	-0.923
CET2	P	06	7.93	125.69	18.7	0.480
CET2	S	06	25.82	125.69	18.7	0.658
CUP2	P	06	9.86	137.65	41.6	0.565
CUP2	S	06	29.05	137.65	41.6	0.690
LADO	P	06	11.00	158.21	54.4	-0.054
LADO	S	06	31.32	158.21	54.4	-0.084
ROI	P	06	11.64	154.96	37.0	0.624
ROI	S	06	32.18	154.96	37.0	0.840
MMNB	P	06	12.46	168.76	19.9	-0.481
MMNB	S	06	33.78	168.76	19.9	-0.894

55 151126 0131 59.1 - Catena del Pollino  
 Lat: 39.92 Lon: 16.11 Prof: 5.0 Km  
 ± 1.04 km ± 0.62 km ± 1.0 km  
 RMS: 0.22s GAP: 215.9° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNB	P	32	17.14	5.99	142.1	0.062
MMNB	S	32	18.29	5.99	142.1	-0.151
MMN9	P	32	17.38	6.59	232.1	0.177
MMN9	S	32	18.82	6.59	232.1	0.162
MMN	P	32	17.99	11.11	248.1	-0.020
MMN	S	32	19.74	11.11	248.1	-0.316

56 151126 1143 12.0 - Valle del Mesima  
 Lat: 38.64 Lon: 16.18 Prof: 16.0 Km  
 ± 0.63 km ± 0.74 km ± 2.1 km  
 RMS: 0.37s GAP: 100.8° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
CHC2	P	43	17.10	19.74	77.5	0.210
CHC2	S	43	20.27	19.74	77.5	-0.136

57 151127 0958 58.6 - Sila Grande  
 Lat: 39.24 Lon: 16.37 Prof: 0.0 Km  
 ± 1.82 km ± 2.05 km ± 3.1 km  
 RMS: 0.68s GAP: 191.2° NR: 7

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	59	.03	7.99	209.8	-0.402
ROG2	S	59	2.12	7.99	209.8	0.383
SCOI	P	59	.63	11.34	298.3	-0.545
SCOI	S	59	3.72	11.34	298.3	0.699
CSC2	P	59	.69	11.08	297.1	-0.425
CSC2	S	59	3.72	11.08	297.1	0.803

58 151127 1210 28.2 - Offshore Calabria Meridionale  
 Lat: 37.90 Lon: 15.65 Prof: 32.5 Km  
 ± 1.04 km ± 0.77 km ± 2.5 km  
 RMS: 0.38s GAP: 141.0° NR: 24

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	10	35.32	21.36	58.3	0.265
CNDF	S	10	39.50	21.36	58.3	-0.573

59 151127 1556 25.2 - Alto Tirreno Cosentino  
 Lat: 39.83 Lon: 16.10 Prof: 2.7 Km  
 ± 0.42 km ± 0.49 km ± 0.9 km  
 RMS: 0.20s GAP: 165.0° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNB	P	56	27.00	6.42	36.3	0.087
MMNB	S	56	27.83	6.42	36.3	-0.279
MMN9	P	56	27.34	7.75	319.1	0.147
MMN9	S	56	28.54	7.75	319.1	-0.053
MMN	P	56	28.08	11.70	299.5	0.079
MMN	S	56	29.76	11.70	299.5	-0.231
CET2	P	56	33.32	36.94	201.3	0.111
CET2	S	56	38.73	36.94	201.3	-0.283

60 151128 0130 29.7 - Scarpata di Paola  
 Lat: 38.97 Lon: 15.61 Prof: 5.6 Km  
 ± 0.54 km ± 0.76 km ± 2.5 km  
 RMS: 0.43s GAP: 137.5° NR: 42

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	30	41.72	65.57	69.5	0.092
ROG2	S	30	49.44	65.57	69.5	-0.855
SCOI	P	30	41.77	65.68	57.5	0.168
SCOI	S	30	49.75	65.68	57.5	-0.500
CSC2	P	30	42.02	65.60	57.8	0.425
CSC2	S	30	49.37	65.60	57.8	-0.868
CET2	P	30	42.43	68.54	25.5	0.632
CET2	S	30	51.13	68.54	25.5	0.539
SPS2	P	30	43.08	71.87	60.4	0.370
SPS2	S	30	52.44	71.87	60.4	0.269
CHC2	P	30	44.01	75.98	115.0	0.337
CHC2	S	30	54.30	75.98	115.0	0.463
CUP2	P	30	46.58	92.63	60.4	0.361
CUP2	S	30	58.63	92.63	60.4	0.382

TDS	P	30	47.48	98.58	39.2	0.273		
TDS	S	31	-.50	98.58	39.2	-0.458		
MMN	P	30	48.12	107.17	17.7	-0.348		
CNDF	P	30	48.47	109.34	169.3	0.177		
CNDF	S	31	2.67	109.34	169.3	0.830		
<b>61</b> 151128 0539 49.9 - Catena del Pollino								
Lat:	39.87	Lon:	16.23	Prof:	6.8	Km		
±	1.53	km	±	1.23	km	±	2.4	km
RMS:	0.52s	GAP:	167.8°	NR:	10			
STN	PHASE	MN	SEC	DIST	AZM	RES		
MMNB	P	39	52.42	6.64	279.6	0.180		
MMNB	S	39	53.43	6.64	279.6	-0.459		
MMN	P	39	54.31	20.61	274.7	-0.133		
MMN	S	39	56.74	20.61	274.7	-0.966		
CET2	P	39	59.12	45.23	211.7	0.302		
CET2	S	40	4.88	45.23	211.7	-0.401		
<b>62</b> 151128 0601 23.4 - Catena del Pollino								
Lat:	39.91	Lon:	16.14	Prof:	6.0	Km		
±	0.78	km	±	0.87	km	±	2.5	km
RMS:	0.56s	GAP:	90.7°	NR:	25			
STN	PHASE	MN	SEC	DIST	AZM	RES		
MMNB	P	01	25.18	2.78	167.0	0.090		
MMNB	S	01	26.11	2.78	167.0	-0.183		
MMN	P	01	27.01	13.53	260.9	0.192		
MMN	S	01	29.33	13.53	260.9	0.043		
TDS	P	01	30.27	32.27	149.6	0.430		
TDS	S	01	35.39	32.27	149.6	0.868		
CET2	P	01	31.79	45.45	201.4	-0.624		
CET2	S	01	37.99	45.45	201.4	-0.991		
<b>63</b> 151128 0743 32.2 - Catena del Pollino								
Lat:	39.93	Lon:	16.16	Prof:	5.0	Km		
±	1.78	km	±	1.15	km	±	1.9	km
RMS:	0.42s	GAP:	168.5°	NR:	6			
STN	PHASE	MN	SEC	DIST	AZM	RES		
MMNB	P	43	53.95	5.16	189.4	0.124		
MMNB	S	43	54.89	5.16	189.4	-0.206		
MMN	P	43	56.16	15.50	253.1	0.386		
MMN	S	43	57.85	15.50	253.1	-0.622		
<b>64</b> 151128 1337 19.2 - Offshore Calabria								
Meridionale								
Lat:	37.90	Lon:	15.65	Prof:	32.2	Km		
±	0.79	km	±	0.70	km	±	2.2	km
RMS:	0.33s	GAP:	150.8°	NR:	21			
STN	PHASE	MN	SEC	DIST	AZM	RES		
CNDF	P	37	26.32	21.18	57.7	0.293		
CNDF	S	37	31.28	21.18	57.7	0.275		
<b>65</b> 151128 2307 42.7 - Piana bat. ionica								
Lat:	37.71	Lon:	15.91	Prof:	32.2	Km		
±	3.09	km	±	4.22	km	±	4.1	km
RMS:	0.64s	GAP:	205.8°	NR:	13			
STN	PHASE	MN	SEC	DIST	AZM	RES		
CNDF	P	07	51.38	32.83	351.8	0.603		
CNDF	S	07	56.03	32.83	351.8	-0.610		
<b>66</b> 151129 0326 31.0 - Sila Grande								
Lat:	39.20	Lon:	16.44	Prof:	1.3	Km		
±	0.87	km	±	1.85	km	±	1.2	km
RMS:	0.26s	GAP:	251.5°	NR:	6			
STN	PHASE	MN	SEC	DIST	AZM	RES		
CUP2	P	26	35.39	21.37	23.8	-0.210		
CUP2	S	26	39.15	21.37	23.8	0.243		
<b>67</b> 151129 0439 34.6 - Serre centro-sett.								
Lat:	38.59	Lon:	16.30	Prof:	45.1	Km		
±	1.18	km	±	1.92	km	±	4.3	km
RMS:	0.55s	GAP:	108.4°	NR:	23			
STN	PHASE	MN	SEC	DIST	AZM	RES		
ROG2	P	39	48.23	65.32	1.9	0.531		
ROG2	S	39	57.74	65.32	1.9	0.465		
CNDF	P	39	49.18	75.84	210.9	0.452		
SPS2	P	39	49.43	77.86	2.4	0.155		
SPS2	S	40	-.31	77.86	2.4	-0.313		
CET2	P	39	51.80	108.41	344.0	0.051		
CET2	S	40	3.89	108.41	344.0	-0.399		
<b>68</b> 151129 0624 24.7 - Maratea - Rotonda								
Lat:	39.92	Lon:	16.05	Prof:	2.3	Km		
±	1.02	km	±	0.54	km	±	1.3	km
RMS:	0.29s	GAP:	186.8°	NR:	8			
STN	PHASE	MN	SEC	DIST	AZM	RES		
MMN	P	24	26.17	6.51	232.4	-0.218		
MMN	S	24	27.24	6.51	232.4	-0.327		
MMN1	P	24	26.79	6.89	230.2	0.318		
MMN1	S	24	27.90	6.89	230.2	0.188		
MMNB	P	24	27.02	9.93	117.3	-0.073		
MMNB	S	24	28.93	9.93	117.3	0.141		
<b>69</b> 151129 1319 15.8 - Confine calabro-lucano								
orientale								
Lat:	39.98	Lon:	16.42	Prof:	17.2	Km		
±	0.67	km	±	0.86	km	±	2.7	km
RMS:	0.47s	GAP:	131.3°	NR:	31			
STN	PHASE	MN	SEC	DIST	AZM	RES		
MMNB	P	19	21.26	26.09	244.1	-0.740		
MMNB	S	19	25.61	26.09	244.1	-0.891		
TDS	P	19	23.63	37.35	192.0	0.340		
TDS	S	19	29.16	37.35	192.0	0.428		
CET2	P	19	28.46	65.23	218.6	0.410		
<b>70</b> 151129 2247 58.6 - Bacino di Gioia								
Lat:	38.41	Lon:	15.55	Prof:	133.9	Km		
±	1.98	km	±	2.14	km	±	3.8	km
RMS:	0.46s	GAP:	94.3°	NR:	28			
STN	PHASE	MN	SEC	DIST	AZM	RES		
CET2	P	48	23.25	128.51	16.1	-0.010		
CET2	S	48	41.13	128.51	16.1	-0.126		
CUP2	P	48	25.21	137.97	38.9	0.334		
CUP2	S	48	45.02	137.97	38.9	0.965		