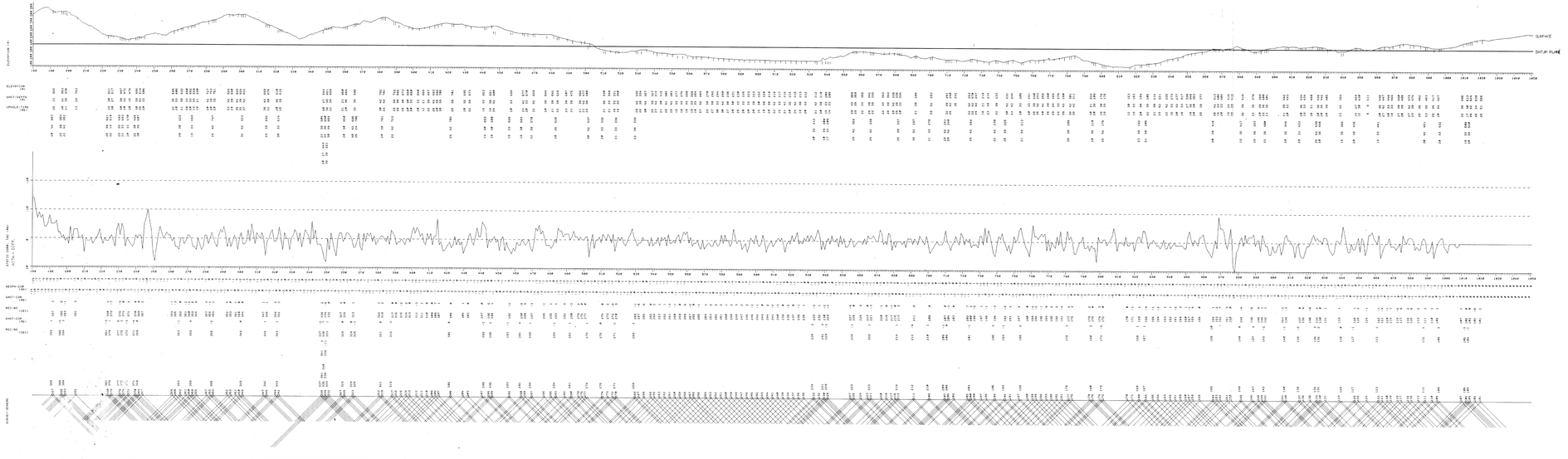
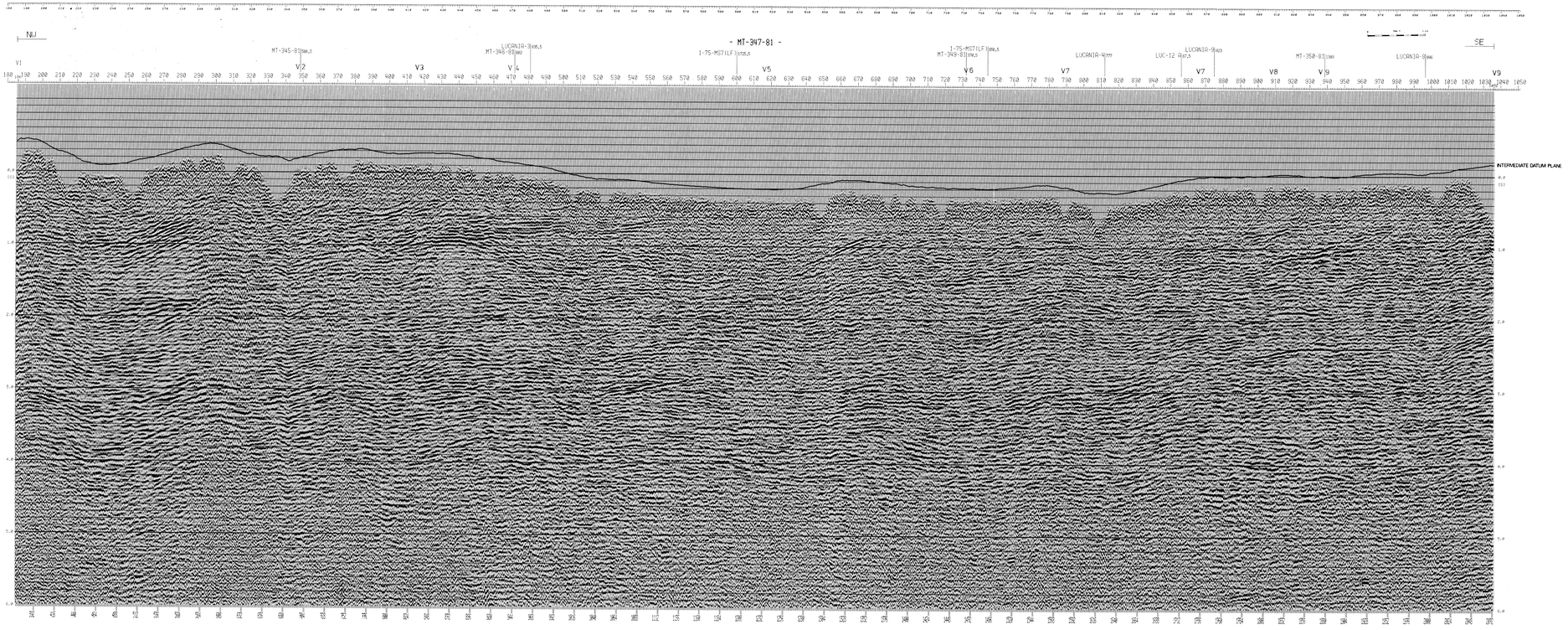




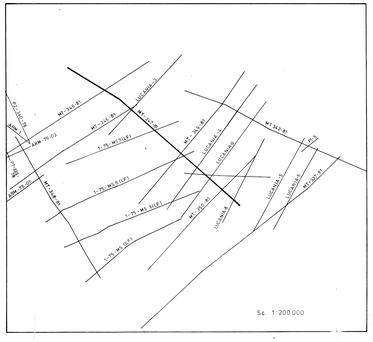
VELOCITIES (REFERRED TO INTERMEDIATE DATUM PLANE)

FCNP : TW (S)	VSTACK 125 V1 (KM/S)	VINT 125 V1 (KM/S)	VSTACK 347 V2 (KM/S)	VINT 347 V2 (KM/S)	VSTACK 416 V3 (KM/S)	VINT 416 V3 (KM/S)
0.100	1.960	1.960	1.960	1.960	1.960	1.960
0.200	2.010	2.060	2.010	2.060	2.040	2.120
0.300	2.060	2.210	2.050	2.150	2.150	2.370
0.400	2.150	2.750	2.130	2.330	2.280	2.780
0.500	2.220	2.480	2.180	2.440	2.470	3.060
0.600	2.270	2.630	2.250	2.630	2.650	3.250
0.700	2.370	3.000	2.300	2.700	2.810	3.500
0.800	2.470	3.250	2.350	2.830	2.970	3.580
0.900	2.550	3.330	2.450	3.100	3.020	3.700
1.000	2.670	3.510	2.700	3.740	3.140	4.060
1.200	2.960	4.110	2.970	3.740	3.350	4.250
1.400	3.240	4.570	3.180	4.230	3.550	4.570
1.600	3.470	4.930	3.370	4.500	3.740	4.830
1.800	3.620	5.370	3.560	5.140	3.940	5.350
2.000	3.780	5.860	3.690	5.150	4.150	5.550
2.500	4.050	5.230	3.950	5.500	4.350	5.670
3.000	4.450	6.520	4.450	6.520	4.450	6.520
4.000	4.680	5.820	4.680	5.820	4.680	5.820
5.000	4.850	4.845	4.850	4.845	4.850	4.845
6.000	4.960	4.940	4.960	4.940	4.960	4.940

FCNP : TW (S)	VSTACK 463 V4 (KM/S)	VINT 463 V4 (KM/S)	VSTACK 616 V5 (KM/S)	VINT 616 V5 (KM/S)	VSTACK 732 V6 (KM/S)	VINT 732 V6 (KM/S)
0.100	1.960	1.960	1.960	1.960	1.960	1.960
0.200	2.050	2.080	2.080	2.020	2.150	2.540
0.300	2.120	2.510	2.050	2.130	2.300	2.770
0.400	2.220	2.580	2.180	2.590	2.470	2.930
0.500	2.320	2.630	2.280	2.540	2.580	3.150
0.600	2.420	2.810	2.350	2.810	2.680	3.250
0.700	2.550	3.250	2.390	2.970	2.750	3.510
0.800	2.650	3.250	2.450	3.150	2.870	3.510
0.900	2.860	3.580	2.850	3.950	3.100	4.020
1.000	3.080	4.050	3.150	3.940	3.250	3.850
1.200	3.240	4.240	3.350	4.210	3.500	3.820
1.400	3.470	4.500	3.550	4.500	3.740	4.250
1.600	3.700	4.370	3.760	4.340	3.940	4.120
1.800	3.950	5.430	3.960	5.230	3.950	4.230
2.000	4.150	5.760	4.150	5.560	3.710	4.300
2.500	4.350	5.670	4.350	5.670	3.350	4.540
3.000	4.450	4.520	4.450	4.520	4.450	4.370
4.000	4.680	5.820	4.680	5.820	4.530	5.050
5.000	4.850	4.845	4.850	4.845	4.850	4.845
6.000	4.960	4.940	4.960	4.940	4.960	4.940

FCNP : TW (S)	VSTACK 757 V7 (KM/S)	VINT 757 V7 (KM/S)	VSTACK 866 V8 (KM/S)	VINT 866 V8 (KM/S)	VSTACK 908 V9 (KM/S)	VINT 908 V9 (KM/S)
0.100	1.950	1.950	1.950	1.950	1.900	1.900
0.200	2.040	2.140	2.040	2.140	2.050	2.050
0.300	2.170	2.430	2.170	2.430	2.050	2.150
0.400	2.280	2.750	2.280	2.750	2.150	2.350
0.500	2.400	2.750	2.400	2.750	2.210	2.590
0.600	2.500	2.950	2.500	2.950	2.300	2.795
0.700	2.600	3.150	2.600	3.150	2.350	2.910
0.800	2.650	3.250	2.650	3.250	2.470	3.030
0.900	2.770	3.540	2.770	3.540	2.550	3.120
1.000	2.880	3.400	2.880	3.400	2.650	3.200
1.200	3.050	3.710	3.050	3.710	2.850	3.450
1.400	3.230	3.270	3.230	3.270	2.850	3.400
1.600	3.400	3.450	3.400	3.450	2.900	3.550
1.800	3.140	4.050	3.140	4.050	2.970	3.710
2.000	3.310	4.710	3.310	4.710	3.170	3.960
2.500	3.530	5.170	3.530	5.170	3.470	4.520
3.000	4.060	5.190	4.060	5.190	4.020	5.410
4.000	4.530	5.600	4.530	5.600	4.450	5.600
5.000	4.850	5.140	4.850	5.140	4.850	5.200
6.000	4.960	4.940	4.960	4.940	4.960	4.940

FCNP : TW (S)	VSTACK 936 V9 (KM/S)	VINT 936 V9 (KM/S)	VSTACK 1050 V9 (KM/S)	VINT 1050 V9 (KM/S)
0.100	1.950	1.950	1.950	1.950
0.200	2.040	2.140	2.040	2.140
0.300	2.150	2.350	2.150	2.350
0.400	2.260	2.650	2.260	2.650
0.500	2.410	2.810	2.410	2.810
0.600	2.550	3.060	2.550	3.060
0.700	2.650	3.160	2.650	3.160
0.800	2.750	3.750	2.750	3.750
0.900	2.880	3.310	2.880	3.310
1.000	2.990	3.250	2.990	3.250
1.200	2.990	2.930	2.990	2.930
1.400	2.970	3.250	2.970	3.250
1.600	3.020	3.350	3.020	3.350
1.800	3.070	3.440	3.070	3.440
2.000	3.210	3.960	3.210	3.960
2.500	3.520	5.140	3.520	5.140
3.000	4.020	5.410	4.020	5.410
4.000	4.450	5.640	4.450	5.640
5.000	4.850	5.200	4.850	5.200
6.000	4.960	4.940	4.960	4.940



RECORDING

FIELD PARTY: R.I.G. vs MR. R. FRIOXI

CONTRACTOR: R.I.G., CONTRACT NO. 340M62
RECORDING PERIOD: SEPTEMBER-OCTOBER 1982

FIELD SYSTEM: DFS IV, 48 CHANNEL
TAPE FORMAT: SEG - D, 9 TRACK - 1600 BPI

POLARITY OF SYSTEM: SEG-CODE (MAN)

SUBSURFACE COVERAGE: 18 FOLD

RECORD LENGTH: 7 SEC- SAMPLING RATE: 2 MSEC

FILTER: LOW-CUT 12 HZ 18 DB/OCT
HIGH-CUT 124 HZ 72 DB/OCT
NOTCH FILTER: 50 HZ

GAIN CONTROL: I.F.P. + CONSTANT GAIN 24 DB

RECEIVER TYPE: SM 4 (48 HZ)
NO. OF GROUPS 48, SPACING 30 M
GROUP LENGTH 54 M, 48 RECEIVERS PER GROUP

RECEIVER ARRAY:

EMITTER ARRAY:
SINGLE-HOLE SHOT

ENERGY SOURCE: EXPLOSIVE
AVERAGE SPACING: 90 M
CHARGE: 4 KG - 20 KG
CHARGEDEPTH: 3 M - 15 M

EMITTER RECEIVER CONFIGURATION:

PROCESSING

INPUT CREW: (D)-GEOPHYS.BOLIZ
SUPERVISOR: (D)-GEOPHYS. Bertman
CONTRACT NO. "Z" 211 78 DATE: 78.V5.02

1 INPUT: TAPE FORMAT: SEG-D, 9 TRACK, 1600 BPI
SAMPLE RATE: 2 MSEC- 48 TRACES
2 GAIN REMOVAL
3 INITIAL TAPE FILTER: HIGH-CUT 96 HZ 24 DB/OCT
4 RESAMPLING: TARGETING RATE 4 MSEC
5 STATIC CORRECTIONS: (CALCULATED BY THE FIELD PARTY)
ELEVATION CORRECTIONS TO DATUM PLANE 400 M
RECALCULATED FOR INTERMEDIATE DATUM PLANE CORRECTION
6 CORRECTION OF SPHERICAL DIVERGENCE
7 TIME-VARIANT FREQUENCY FILTER

	WIN. TIME	LOW-CUT		HIGH-CUT	
	MSEC	HZ	DB/OCT	HZ	DB/OCT
SP. 106	5000	15	24	50	48
	7500	15	24	50	48
SP. 958	5000	15	24	50	48
	7500	16	24	50	48
SP. 1858	2000	15	24	50	48
	7500	15	24	50	48

8 DECONVOLUTION: PREDICTION PREDICTING FACTOR 1s
TIMEWINDOW: 2 OBLIQUE GATES- OPERATOR LENGTH 160 MSEC
SHORT GATE: 1000 MSEC LONG GATE: 4000 MSEC

	SHORT GATE MSEC	LONG GATE MSEC	WHITE NOISE PERC.	PREDICT. MSEC
SP. 106	200-5000	500-5000	2500	24
	2000-6000	2000-6000	5000	32
SP. 548	200-5000	500-5000	1000	24
	2000-6000	2000-6000	5000	32
SP. 958	200-2000	500-2000	1000	24
	2000-4000	2000-4000	5000	32
SP. 1858	200-2000	500-2000	2500	24
	2000-4000	2000-4000	2500	32

9 DYNAMIC CORRECTIONS DERIVED FROM
VELOCITY ANALYSES (GENTVSV)
10 AUTOMATIC STATIC CORRECTIONS
GATE: 500 MSEC - 2000 MSEC
11 NORMALIZATION
12 HORIZONTAL STACKING: 18 FOLD
13 COHERENCY FILTER
14 FREQUENCY FILTER

LOW-CUT		HIGH-CUT	
HZ	DB/OCT	HZ	DB/OCT
18	24	48	48

15 NORMALIZATION
16 BULK CORRECTION: - 1000 MSEC
17 DATUM CORRECTION TO INTERMEDIATE DATUM PLANE
TO DATUM PLANE 400 M: CORRECTION VELOCITY: 2000 M/SEC
18 DISPLAY
SCALE: 1:25000, 1 SEC = 5 CM
TRACE SPACING: 0.6 CM
POLARITY: POSITIVE NUMBERS = BLACK

• 7M15.V05-02 B

AGIP S.P.A.. ITALY	INPUT CREW:	S. 1:25000	ENCL. 2
	DATE:	ALIANO LINE MT-347-81 (SP.186-1036) COHERENCY STACK FINAL FILTER : 10-25 HZ DATUM PLANE 400 M	825 211