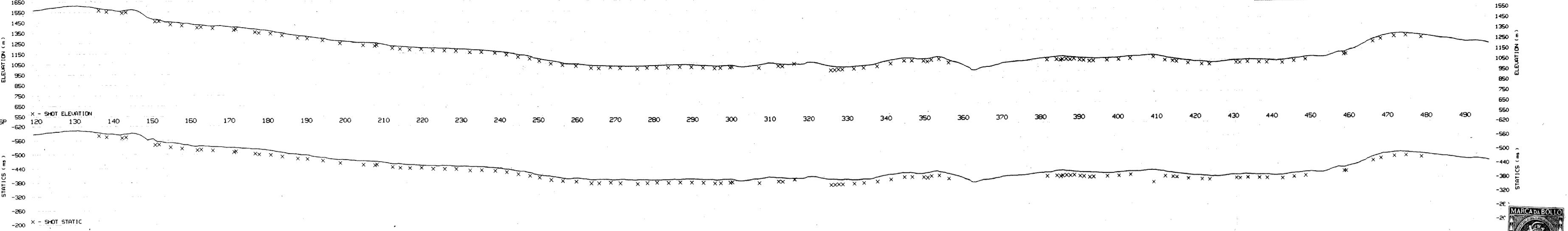


SW LINE IS-300-87

DIRECTION SHOT

Allegato 3 Data LUGLIO 1988 Dis. n. 718/16

NE



**SORI**  
AREA CASTEL DEL GIUDICE ITALIA  
LINE IS-300-87 SP's 119-496  
**FINAL STACK WITH COHERENCY**

718504  
RECORDED BY Globe Exploration Crew No. 4  
PROCESSED BY Seismograph Service (England) Ltd.  
**SPECIAL REMARKS**  
STATIC CORRECTION TO DATUM ADJUSTED FOR VARIABLE SUB-WEATHERING VELOCITY.

PROCESSED THROUGH PHOENIX V.P.U.

**RECORDING PARAMETERS**

INSTRUMENTS	HDS 16	DYNAMITE SOURCE PARAMETERS:	P.S.P. 30m
NO. OF CHANNELS	140	CHARGE	10-15kg
POWER LEVEL	10dB	SYMMETRIC SPREAD	2145 - 0 - 15 - 2145
SAMPLE RATE	2 ms	SP. INTERVAL	sp. ----- sp. -----
RECORD LENGTH	7 secs	SP. INTERVAL	30m
HT. FILTER	10Hz 20dB/oct	COHERENCY	2145-15-SP-15-2145
LO-CUT FILTER	1Hz 24dB/oct	SPREAD	2145-15-SP-15-2145
NOTCH FILTER	OUT	RECORDING DATE	17th Oct. 1987 to 18th Oct. 1987
STATION INTERVAL	30m	DATUM	MSL (0m)
SP. INTERVAL	Non-Recall		
COHERENCY	90%		
SPREAD	2145-15-SP-15-2145		
RECORDING DATE	17th Oct. 1987 to 18th Oct. 1987		
DATUM	MSL (0m)		

**PROCESSING**

SEQUENCE	PARAMETERS
1. DEMULTIPLEX	RESAMPLE to 4ms. BINARY GAIN RECOVERY. T=1.25ms. 11 Spherical Divergence applied 0 - 7.0s.
2. FILTER	INSTRUMENT AND GEOPHONE PHASE COMPENSATION FILTER.
3. SORT	SORT INTO C.D.P. ORDER. INTERVAL 15ms. BIG PRICE. PROJECT TO USE.
4. FILTER	15-18-50-80Hz 0.1-0.3-1.1-1.2-15-50-80Hz. 1.8 - 3.2s. 9-12-40-50Hz 3.3 - 6.0s.
5. DECONVOLUTION	OPERATOR 240ms. DERIVED FROM 0.3-2.8s. APPLIED 0-6s. F=0.9-3.4s. 35 Hz/s.
6. EQUALISATION	TRACE EQUALISATION to 76dB. 1000ms WINDOW INCREMENTING by 1000ms.
7. STATICS (1)	STATIC CORRECTION TO NEAR SURFACE FLOATING DATUM. CORRELATION LENGTH 200ms.
8. N.M. O. /MUTE	VELOCITIES PICKED FROM CONSTANT VELOCITY STACKS (1). MUTE 20m/1000m. 200m/250m. 1450m/1020m. RESIDUAL STATIC CORRECTION. RESIDUAL STATIC 25ms. RESIDUAL STATIC APPLIED TO STAGE 7 AND VELOCITY ANALYSES RE-RUN.
9. AUTOSTATICS (1)	VELOCITIES PICKED FROM C.14.5+1.2. ARE DISPLAYED. SPATIALLY VARIANT RATE SELECTED FROM DISTANCE GATHERS.
10. N.M. O. /MUTE	STATIC CORRECTION TO DATUM 0s.
11. STATICS (2)	C.D.P. CONSISTENT RESIDUAL STATICS. ESTIMATE. TIME VARIANT CORRELATION WINDOWS. MAXIMUM STATIC 25ms.
12. AUTOSTATICS (2)	NORMAL 24 FOLD. 1-millisecond COMPENSATION FOR LOW FOLD.
13. STACK	NORMAL 24 FOLD. 1-millisecond COMPENSATION FOR LOW FOLD.
14. FILTER	15-18-50-80Hz. 1.2 - 0.7s. 12-15-50-80Hz. 1.4 - 2.3s. 12-15-40-80Hz. 3.0 - 5.0s.
15. EQUALISATION	TWO WINDOW EQUALISATION -1.2 - 3.0 and 3.0 - 5.0s. SINGLE PRICE. PROJECT TO USE.
16. STATICS (3)	STATIC ADJUSTMENT FOR VARYING SUB-WEATHERING VELOCITY. VELOCITIES TAKEN FROM 150-VELOCITY MAP.
17. COHERENCY	ENHANCED COHERENCY FILTER. DIP LIMITS +/- 4 ms/trace.
18. EQUALISATION	SINGLE WINDOW EQUALISATION FOR AMPLITUDE CONSISTENCY.

**DISPLAY**

SCALE	POLARITY
FULLSCALE : 1112,500 10 cm/sec	RECORDING UPWARD : NEGATIVE
HALFSCALE : 1125,000 5 cm/sec	COMPRESSION PROCESSING
PLOT LEVEL 70dB	NEGATIVE SIGNAL : WHITE
PLOT BINS -2-5%	1 SEC)
4 TRAIL MAX DEFLECTION	KILOMETRES
	0 0.5 1.0
0.100	0.200
0.300	0.400
0.500	0.600
0.700	0.800
0.900	1.000
1.100	1.200
1.300	1.400
1.500	1.600
1.700	1.800
1.900	1.900
2.000	2.100
2.200	2.200
2.400	2.400
2.600	2.600
2.800	2.800
3.000	3.000
3.200	3.200
3.400	3.400
3.600	3.600
3.800	3.800
4.000	4.000
4.200	4.200
4.400	4.400
4.600	4.600
4.800	4.800
5.000	5.000

Scismograph Service  
REDWOOD PROCESSING CENTRE  
Redwood, Kent, ENGLAND

