



AGIP

ADRIATIC SEA : ZONE D
LINE DR 240 (TVF)

SHOT
March 1969
PROCESSED
April 1969

GEOPHYSICAL SERVICE INTERNATIONAL LTD.

SHOOTING PARAMETERS
24-Fold, Off-End, Air Gun
Shot by G.S.I. Party 908
Cable Length 1600 m
Group Interval 66.6 m
Shot Point Interval 133.3 m
Average Shot Offset 288 m
Total Gun Size 900 cuins
Average Seis Depth 12 m

RECORDING PARAMETERS
System IOK
Record Length 5.0 secs
Sample 4 msecs
GAGC Trip 1.0 s Rate 80 db/s
Init 65 db Final 110 db
Filters: Hi 70 cps 24 db/oct
Lo 8 cps 24 db/oct
4 ms Anti Aliasing Filtering

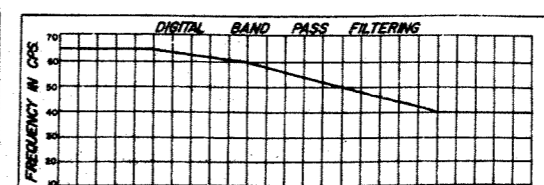
SEIS EDIT & NMO
TAR Applied
 α 3.0 db/sec. 0.5-5.0 sec
Equalization 1.5-4.0 sec
Water Velocity 1524 m/sec
Replacement Vel 1524 m/sec

24-FOLD STACK
First Break Suppression
 $T_{1a}, T_{1b} = 0$ secs $T_{2a}, T_{2b} = 1.30$ secs
 $T_{3a}, T_{3b} = 0.20$ secs $T_{4a}, T_{4b} = 1.40$ secs
 $T_{5a}, T_{5b} = 0.70$ secs $T_{6a}, T_{6b} = 1.50$ secs
 $T_{7a}, T_{7b} = 0.80$ secs $T_{8a}, T_{8b} = 1.60$ secs
 $T_{9a}, T_{9b} = 1.05$ secs $T_{10a}, T_{10b} = 1.70$ secs
 $T_{11a}, T_{11b} = 1.20$ secs $T_{12a}, T_{12b} = 1.80$ secs
Equalization 0.5-4.0 secs

WATER BOTTOM VARIATIONS
DECONVOLUTION
Time Invariant
Filter Length 396 m sec
Gate Length 4800 m sec
No. of Gates / Trace 1
Initial times,
Tr 1 0.5 sec, Tr 24 0.5 sec
Final times,
Tr 1 5.0 sec, Tr 24 5.0 sec

T.V. NORMALIZATION
12 Normalization Gates
Gate 1: 0.2-0.8 secs
Gate 12: 3.4-4.0 secs
Scalers applied in a
Time-Varying manner
with a 50% Overlap

EXPONENTIATION
 $\alpha = 6$ db/sec
 $\beta = 0$ db
 $T_1 = 2.0$ sec
 $T_2 = 3.0$ sec



DISPLAY
1 X 24 Fold Coverage
Analog Filters OUT - OUT
Straight Gain in db.
+12 +0 -14 = -2
Tape HTL-12428

Section No. I2217 C
System Code MESD

LINE D498
S.P. B11561

3 1 MAG. 1976
Prof. N. 2189
3432

LINE DR233
S.P. 3775

LINE D497
S.P. B11469

LINE DR232
S.P. 4484

LINE D496
S.P. B10568

Metres 451 451 459 3395 3396 3408 404 343 3444 217 3456 198 3468 173 3480 175 3492 3508

