



AGIP

ADRIATIC SEA : ZONE D

LINE DR-220(TVF).

SHOT
MARCH 1969

PROCESSED
MAY 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 32.3 m
Total Gun Size 900 cartons
Average Shot Depth 8 m

RECORDING PARAMETERS

System 10 K
Record Length 5.0 secs
Sample 4 m secs
GAGC Int 1-2 & Rate 90 db/s
Intf 62 db Final 110 db
Filters: Hi 70 cps 24 db/oct
Lo 8 cps 24 db/oct
4 ms Anti-Alias Filtering

SEIS EDIT & NMO

TAR Applied
X 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
 $T_{R1}, T_{R2} = 0$ secs $T_{R1}, T_{R2} = 1.20$ secs
 $T_{R1}, T_{R2} = 0.10$ secs $T_{R1}, T_{R2} = 1.35$ secs
 $T_{R1}, T_{R2} = 0.70$ secs $T_{R1}, T_{R2} = 1.50$ secs
 $T_{R1}, T_{R2} = 0.15$ secs $T_{R1}, T_{R2} = 1.60$ secs
 $T_{R1}, T_{R2} = 0.35$ secs $T_{R1}, T_{R2} = 1.70$ secs
 $T_{R1}, T_{R2} = 1.05$ secs $T_{R1}, T_{R2} = 1.75$ secs
Equalization 0.5-4.0 secs

DECONVOLUTION

Time Invariant
Filter Length 268 msec
Gate Length 4800 msec
No. of Gates / Trace 1
Initial times
Tr 1 0.2 sec, Tr 24 0.2 sec
Final times
Tr 1 5.0 sec, Tr 24 5.0 sec

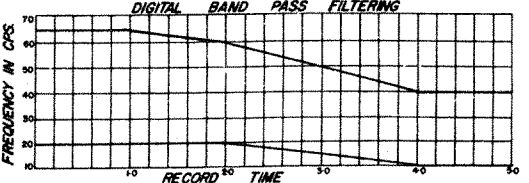
T.V. NORMALIZATION

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
 $T_1 = 1.2$ sec
 $T_2 = 2.2$ secs

DIGITAL BAND PASS FILTERING



DISPLAY

1 X 24 Fold Coverage
Analog Filters OUT - OUT
Straight Gain in db
+ 12 + 0 - 18 = -6
Tape HTL 11347

Section No. 11129 C

System Code MESD

