



AGIP

ADRIATIC SEA : ZONE D
LINE DR-225 (TVF).

SHOT
MARCH 1969
PROCESSED
JUNE 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 cu. in.
Average Seis Depth 7 m

RECORDING PARAMETERS

System IO K
Record Length 5.0 sec
Sample 4 m sec
GAGC Trip 1.0 s Rate 80 db/s
Int 7.3 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
OK 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
Tr₁, Tr₂ = 0 sec; Tr₃, Tr₄ = 1.25 sec
Tr₅, Tr₆ = 0.50 sec; Tr₇, Tr₈ = 1.35 sec
Tr₉, Tr₁₀ = 0.65 sec; Tr₁₁, Tr₁₂ = 1.45 sec
Tr₁₃, Tr₁₄ = 0.90 sec; Tr₁₅, Tr₁₆ = 1.55 sec
Tr₁₇, Tr₁₈ = 1.00 sec; Tr₁₉, Tr₂₀ = 1.65 sec
Tr₂₁, Tr₂₂ = 1.15 sec; Tr₂₃, Tr₂₄ = 1.75 sec
Equalization 0.5-4.0 sec

DECONVOLUTION

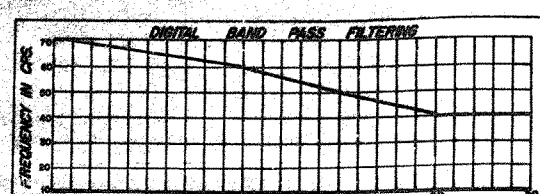
Time Invariant
Filter Length 396 msec
Gate Length 4.70 sec
No. of Gates / Trace 1
Initial times
Tr: 0.3 sec, Tr 24: 0.3 sec
Final times
Tr: 1.50 sec, Tr 24: 5.0 sec
Adjusted for Water Depth

T.V. NORMALIZATION

12 Normalization Gates
Gate 1: 0.2-0.8 sec
Gate 12: 3.4-4.0 sec
Scales applied in a
Time-Varying manner
with a 50% Overlap

EXPONENTIATION

OK = 10 db/sec
B = 0 db
T₁ = 1.675 sec
T₂ = 2.675 sec



DISPLAY

1 X 24 Fold Coverage
Analog Filters OUT - OUT
Straight Gain in db.
+12 +0 -14 = -2
Tape HTL 12540

Section No. 12194 C
System Code MESQ

LINE DR236
S.P. 1111

LINE 0464
S.P. 99268

LINE DR235
S.P. 405

LINE 0465
S.P. 99427

LINE DR234
S.P. 156

16 17
1606 1608

23
1620

51
1632

110
1644

160
1656

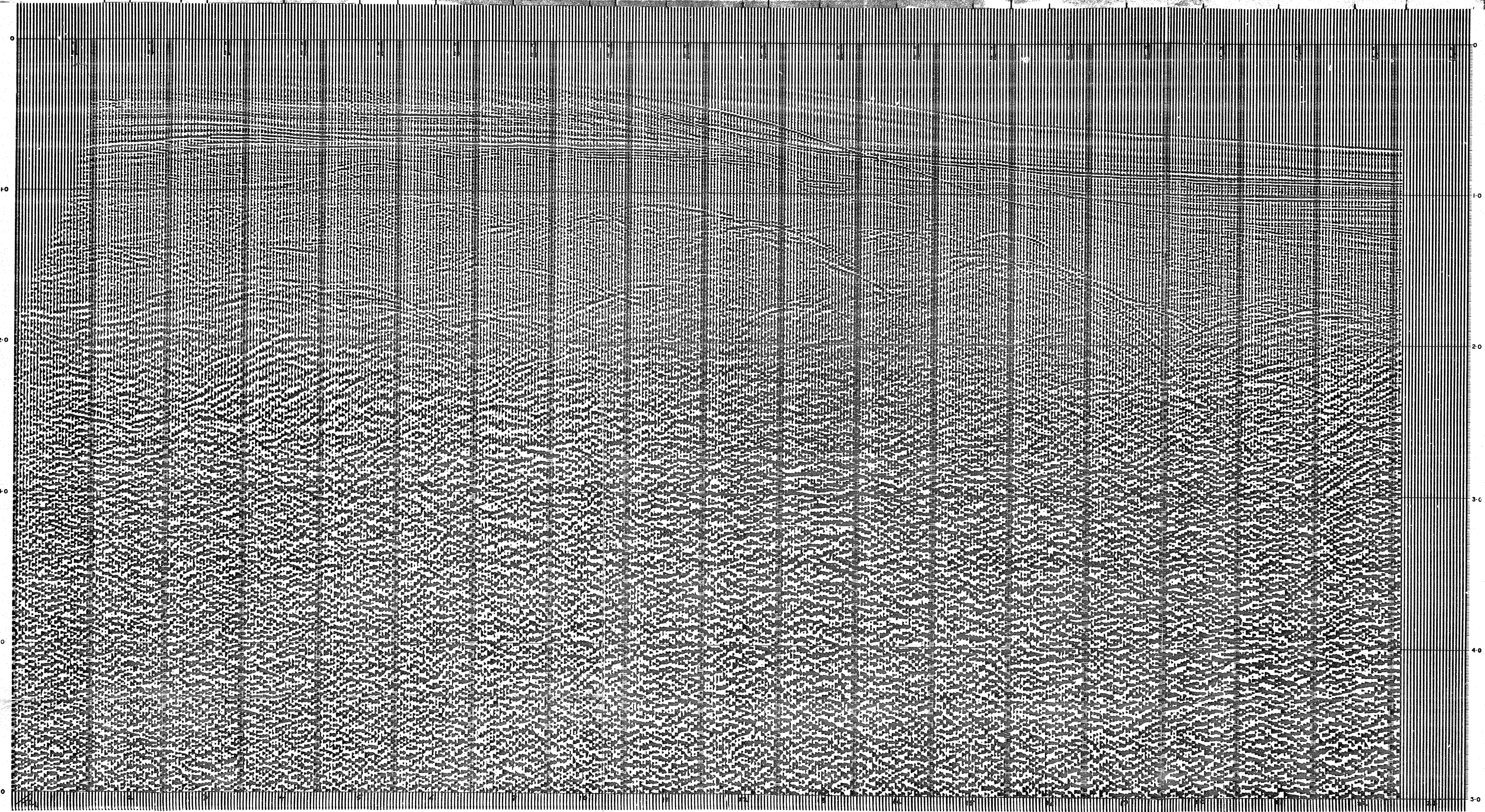
290
1668

393
1680

448
1692

493
1704

503 508 Metres
1708



S.E.