

AGIP
 ADRIATIC SEA : ZONE B
 LINE BR 261 (TVF)

SHOT
 JAN, 1969
 PROCESSED
 MAR, 1969

GEOPHYSICAL SERVICE INTERNATIONAL LTD

SHOOTING PARAMETERS

24-Fold Off-End Air Gun
 Shot by G S I Pty 908
 Cable Length 1600 m
 Group Interval 66.6 m
 Shot Point Interval 133.3 m
 Average Shot Offset 335 m
 Total Gun Size 900 cuins
 Average Seis. Depth 12m

RECORDING PARAMETERS

System IOK
 Record Length 5.0 secs
 Sample 4 msec
 GAGC Trip Hs. Rate 80 db/s
 Init 60 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
 α_v 4.0 db/sec. 0.5-4.0 sec
 Equalization 1.5-4.0 sec
 Water Velocity 1524 m/sec
 Replacement Vel 1524 m/sec

24-FOLD STACK

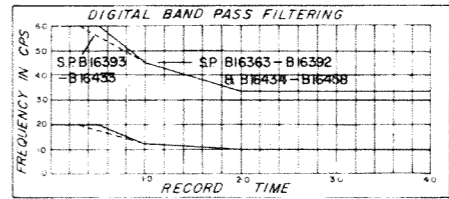
First Break Suppression
 $Tr_{24}, Tr_{23} = 0$ secs $Tr_{12}, Tr_{11} = 1.60$ secs
 $Tr_{22}, Tr_{21} = 0.60$ secs $Tr_{10}, Tr_9 = 1.80$ secs
 $Tr_{20}, Tr_{19} = 0.80$ secs $Tr_8, Tr_7 = 1.84$ secs
 $Tr_{18}, Tr_{17} = 1.00$ secs $Tr_6, Tr_5 = 1.88$ secs
 $Tr_{16}, Tr_{15} = 1.24$ secs $Tr_4, Tr_3 = 1.92$ secs
 $Tr_{14}, Tr_{13} = 1.40$ secs $Tr_2, Tr_1 = 1.96$ secs
 Equalization 0.5-4.0 secs

DECONVOLUTION

Time Variant
 Filter Length 236 msec
 Gate Length 2460 msec
 No. of Gates / Trace 2
 Initial times, Gate No. 1 :-
 Tr 1 0.3 sec, Tr 24 0.3 sec
 Final times, Gate No. 2 :-
 Tr 1 4.0 sec, Tr 24 4.0 sec

T. V. NORMALIZATION

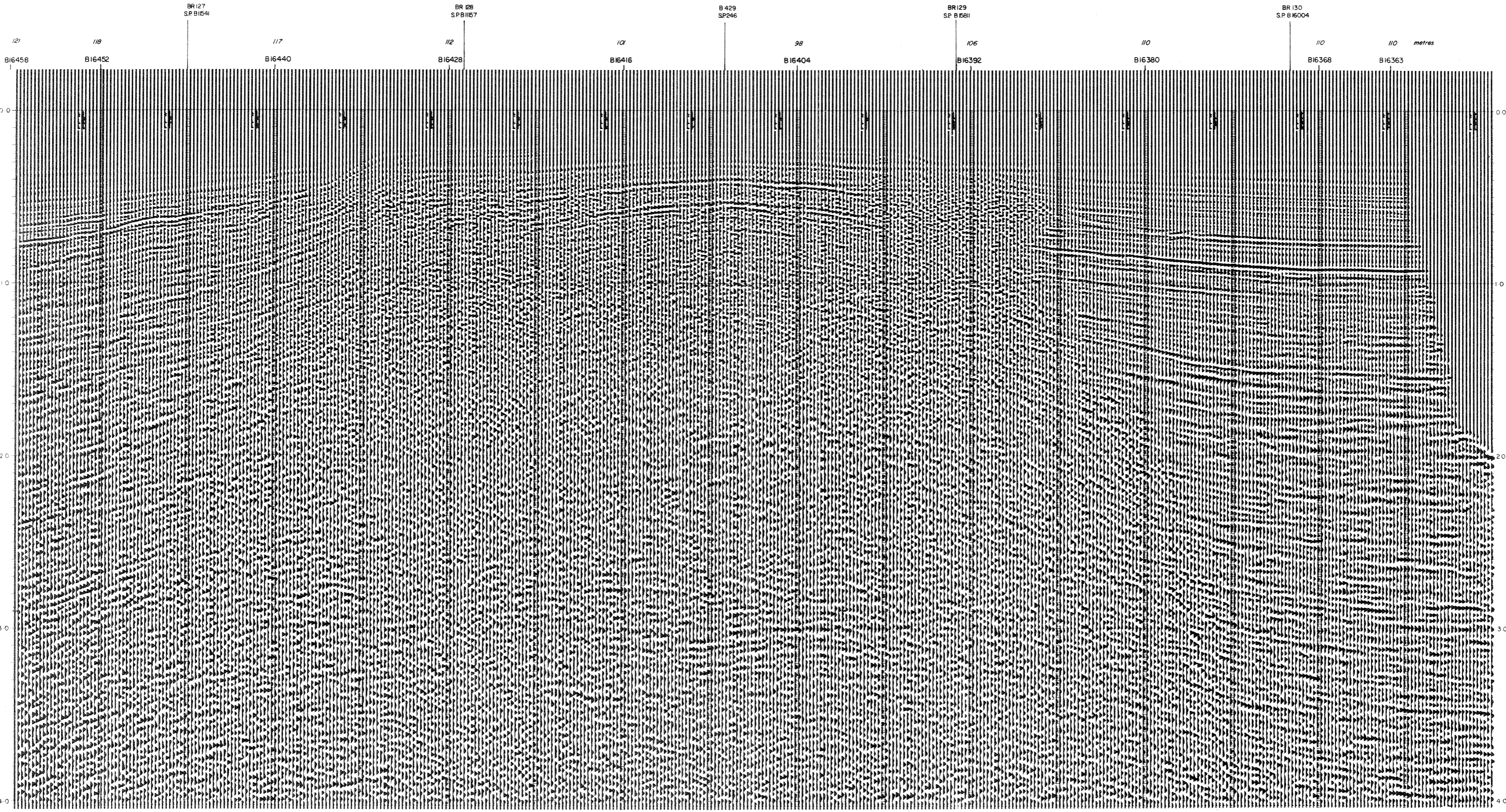
12 Normalization Gates
 Gate 1: 0.2 - 0.8 secs
 Gate 12: 3.4 - 4.0 secs
 Scalers applied in a
 Time-Varying manner,
 with a 50% Overlap



DISPLAY

1X24 Fold Coverage
 Analog Filters OUT - OUT
 Straight Gain in db
 + 12 + 0 - 18 = -6
 Tape HTL 12259
 12278

Section No 12133 C
 System Code MESD



S.E.