

**AGIP**  
ADRIATIC SEA ZONE B  
LINE B-419

OCTOBER 1967      GEOPHYSICAL SERVICE INTERNATIONAL LTD.  
Processing fidelity preserves bandwidth associated with 4ms data sample  
with 1ms time resolution

**SHOOTING PARAMETERS**

12-Fold Off-End  
Shot by G.S.I. Pty. 906  
Cable Length 2400m  
Group Interval 100m  
Shot Point Interval 100m  
Average Shot Offset 96m  
Charge Size 50lb  
Average Seis Depth 18 m

**RECORDING PARAMETERS**

System 9000  
Record Length 5.0 sec  
Sample 2 ms  
GAGC Trip 64s Rate 80 db/s  
Init 46db Final 100db  
Filters Hi 75cps 24db/oct  
Lo 8cps 24db/oct  
2 ms Anti-Alias Filtering

**SEIS EDIT & NMO**

TAR Applied  
-1.40 db/sec. 0-4.0sec  
Equalization 2.5-4.0sec  
Water Velocity 1524 m/sec  
Replacement Vel 1524 m/sec

**DECONVOLUTION**

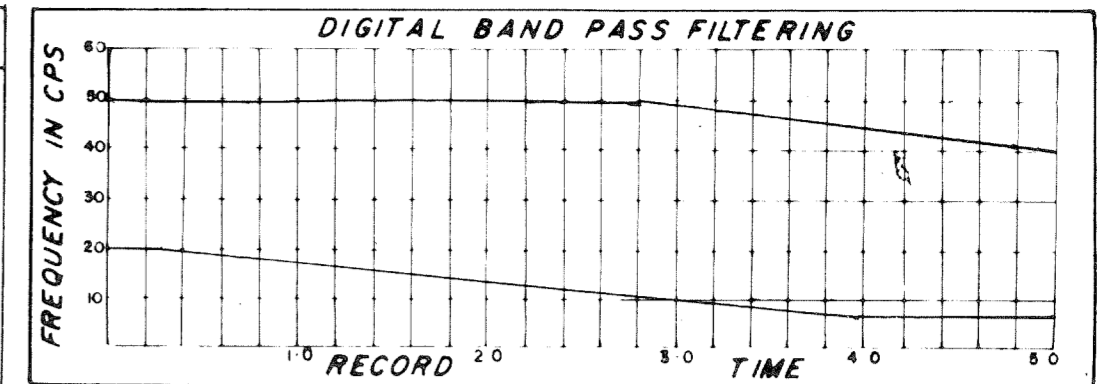
Time invariant ARD 1  
Filter Length 252 msec  
Gate Length 2600 msec  
No. of Gates / Trace 1  
Initial times, Gate No. 1:-  
Tr. 1 1.8 sec, Tr. 24 0.42 sec  
Final times, Gate No. 1:-  
Tr. 1 4.4 sec, Tr. 24 3.02 sec

**12-FOLD STACK**

First Break Suppression  
T<sub>1</sub> 0 sec T<sub>4</sub> 1.6 sec  
T<sub>2</sub> 0.2 sec T<sub>4</sub> 1.8 sec  
T<sub>3</sub> 0.6 sec T<sub>4</sub> 2.0 sec  
T<sub>4</sub> 1.0 sec T<sub>4</sub> 2.1 sec  
T<sub>5</sub> 1.2 sec T<sub>4</sub> 2.2 sec  
T<sub>6</sub> 1.4 sec T<sub>4</sub> 2.3 sec  
T<sub>7</sub> 2.4 sec  
Equalization 0.8-4.0 sec

**DIGITAL FILTERING**

Time Varying YES  
Filter Length 136 ms  
O/P Sample Period 4 ms  
O/P Record Length 5 sec



NE

S.W.

