



AGIP

ADRIATIC SEA : ZONE D  
LINE DR-223(TVF).

SHOT: March, 1969  
PROCESS: May 1969  
GEOPHYSICAL SERVICE INTERNATIONAL LTD.

**SHOOTING PARAMETERS**

24-Fold Off-End, Air Gun  
Shot by G.S.I. Party 908  
Cable Length 1920 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 10 K  
Record Length 5.0 sec  
Sample 4 m sec  
GAGC Trip 1.0 s Rate 80 lb/s  
Inst 7.5 db Final 10 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  
Tr<sub>1</sub>, Tr<sub>2</sub> = 0 sec Tr<sub>3</sub>, Tr<sub>4</sub> = 1.30 sec  
Tr<sub>5</sub>, Tr<sub>6</sub> = 0.50 sec Tr<sub>7</sub>, Tr<sub>8</sub> = 1.45 sec  
Tr<sub>9</sub>, Tr<sub>10</sub> = 0.75 sec Tr<sub>11</sub>, Tr<sub>12</sub> = 1.60 sec  
Tr<sub>13</sub>, Tr<sub>14</sub> = 0.90 sec Tr<sub>15</sub>, Tr<sub>16</sub> = 1.75 sec  
Tr<sub>17</sub>, Tr<sub>18</sub> = 1.05 sec Tr<sub>19</sub>, Tr<sub>20</sub> = 1.85 sec  
Tr<sub>21</sub>, Tr<sub>22</sub> = 1.15 sec Tr<sub>23</sub>, Tr<sub>24</sub> = 1.95 sec  
Equalization 0.5 - 4.0 sec

**DECONVOLUTION**

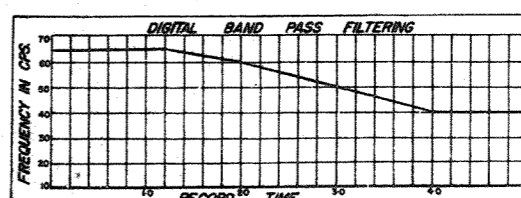
Time invariant  
Filter Length 396 m sec  
Gate Length 4700 m sec  
No. of Gates / Trace 1  
Initial times  
T<sub>1</sub> 0.3 sec, T<sub>2</sub> 24.0-3 sec  
Final times  
T<sub>1</sub> 5.0 sec, T<sub>2</sub> 24.50 sec  
Adjusted for water depth

**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**

$\alpha = 10$  db/sec  
 $\beta = 0$  db  
T<sub>1</sub> = 2.275 sec  
T<sub>2</sub> = 3.275 sec



**DISPLAY**

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

Section No. 12192C  
System Code MESD

SEZIONE IDROCARBURI  
di NAPOLI  
3.1 MAG. 1976  
C. 188  
14.7

18 Metres 1385 1386 46 1398 351 1422 475 1434 595 1446 610 1458 753 1470 778 1482 836 Metres 1491

LINE DR-236 S.P. 1187  
LINE D-484 S.P. B9195  
LINE DR-235 S.P. 330  
LINE D-485 S.P. B9502  
LINE DR-234 S.P. 228

