THE AQUAPULSE SYSTEM

AGIP

AREA LAMPEDUSA 'ZONE C'

WESTERN GEOPHYSICAL
DIVISION OF LITTON INDUSTRIES

# LINE : C516

S.P. 380 TO S.P. 506

DATUM PLANE : SEA LEVEL

SOUTHWEST

## RECORDING DATA

| | |
|---|---|
| PARTY NO | 82 |
| ENERGY SOURCE | AQUAPULSE |
| FILTER | 10-80 HZ |
| CABLE | 1600 M |
| GEOPHONES | 32 CRYSTAL ELEMENT TAPERED ARRAY |
| LEAD IN | 800 FT |
| AMPLIFIER | [illegible] BINARY GAIN |
| CHARGE SIZE | [illegible] |
| DATE SHOT | MAY 1968 |

## PROCESSING INFORMATION

SAMPLE RATE 2 ms

### DECONVOLUTION

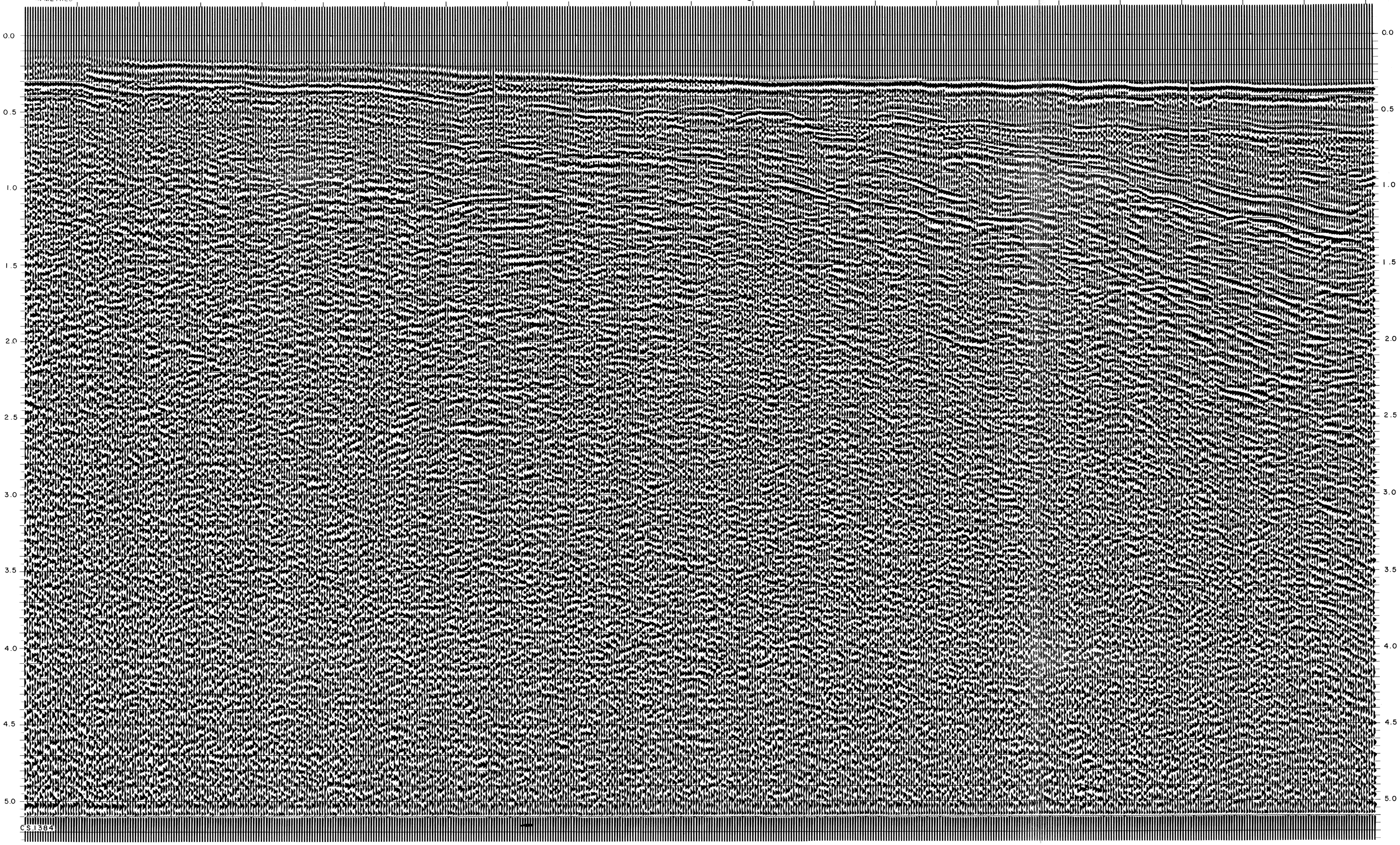
DECONVOLVED BEFORE STACK

| | |
|---|---|
| AUTO CORR INT | TIME VARIANT |
| MAX APERTURE | 0-580 ms |
| TIME ZONE | 0-1.5-0.5 Sec |
| ITERATIONS | [illegible] |

### TIME VARIANT FILTER

| TIME ZONE | L.C. Hz | L.C. dB OCT | H.C. Hz | H.C. dB OCT |
|---|---|---|---|---|
| 0.300-0.525 Sec | 15 | 15 | 50 | 12 |
| 0.525-1.150 | 10 | 12 | 50 | 12 |
| 1.150-2.500 | 10 | 12 | 45 | 9 |
| 2.500-3.700 | 10 | 9 | 40 | 6 |
| 3.700-5.000 | 10 | 6 | 35 | 9 |

## PROCESSING SEQUENCE

1) EDIT - (SUM 3 POPS)
2) DECONVOLVED BEFORE STACK
3) NORMAL MOVE OUT
4) STACK 1200%
5) T.V. FILTER
6) PLAYBACK (UNFILTERED)

REEL NO E-0799
DATE JUNE 1968
W.G.C. CONTRACT LOP 185