

Party: 2903¹

AGIP S.p.A.

SICILY
ZONE G

WSW 1190

LINE G82.15

646 ENE

BOAT MOTION ←

PL N°716

STACK 4800%.DBS.TVF

DEC 28 '82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY..... SYLEDIS
SHOOTING DATE..... AUG 13 '82

INSTRUMENTS

DPS X
FORMAT..... 9 tracks 1600 BPI
FILTER..... Low 8 Hz - High 128 Hz
SAMPLING..... 2 ms

SOURCE

AIRGUN ARRAY

DEPTH..... 6 m
CAPACITY..... 2000 m³
SP INTERVAL..... 25 m

STREAMER

LENGTH..... 2400 m
DEPTH..... ± 16.5 m
GROUPS..... 96
GROUP INTERVAL..... 25 m

Source

2375 m

Position of SP on section

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms

DEMULTIPLEX EDIT
TRACE MERGING 5/4 *
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY 51 ms
MUTES

DECONVOLUTION

Operator Length 200 ms
Operator 2000 ms
Windows 9 2000-4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3xms)

100

1000

2000

3000

4000

5000

6000

7000

8000

9000

10000

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

100

1000

2000

3000

4000

5000

6000

7000

8000

9000

10000

STACK 4800 x

SHOT AND STREAMER STATIC -18 ms

TIME VARIANT FILTER

100

1000

2000

3000

4000

5000

6000

7000

8000

9000

10000

From sea bottom 10 165 m
First uncertainty 12 80 Hz
One second after first uncertainty 1000 Hz
Three seconds 800 Hz
Six seconds 600 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO WB

POLARITY

Geophone compression - negative number on field tape
white trough on display

TIME ORIGIN: M.S.L.
Source and streamer static correction applied + 18 ms

HORIZONTAL SCALE

80 Traces/km

* C.G.G.'s processing code 127 MB 88

COMPAGNIE GENERALE DE GEOPHYSIQUE
2, Rue General FROST - MASTY - FRANCE

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