

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

SSW|2673

LINE |G82.123

217|NNE

BOAT MOTION ←

PL N°267

STACK 4800%.DBS.TVF

OCT 22 82

FIELD RECORDING 4800 %
Contractor G S I

DIGITAL PROCESSING P 5
Sequence in 4 ms

SHIP

M/V ARCTIC SEAL

NAVIGATION BY..... SYLEDS

SHOOTING DATE..... MAY 28 82

INSTRUMENTS

DPS 5

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

Diagram of ship and streamer layout with source and streamer positions.

RESAMPLE TO 4 ms

DEMULTIPLY EDIT

TRACE MERGING 5/4*

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

480 GUY DELAY - 51 ms

MUTES

DECONVOLUTION

Operator Length: 200 ms

Window: 4 - 0 - 2000 ms

2000 - 4000 ms

VELOCITY ANALYSIS (ANVIT Every 2 km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 %

SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER 0 - 1000 ms * 12 65 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO WB

** FOLLOWING TARGET

POLARITY

Geophone compressions negative number on field tape

White trough on display positive reflection coefficient

TIME ORIGIN: M.S.L.

Source and streamer static correction applied +15 ms

HORIZONTAL SCALE 0.5 km

80 Traces/km

* C.G.G.'s processing code 127 M6 B6

COMPAGNIE GENERALE DE GEOPHYSIQUE

4, Rue Gellert - 91301 - MASSY - FRANCE

