

Party: 2903'

AGIP S.p.A.

SICILY
ZONE G

SSW 1160 LINE G82.114 1690 NNE

BOAT MOTION →

PL N°203

STACK 4800%.DBS.TVF

OCT 13 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..... JUNE 1 82

INSTRUMENTS

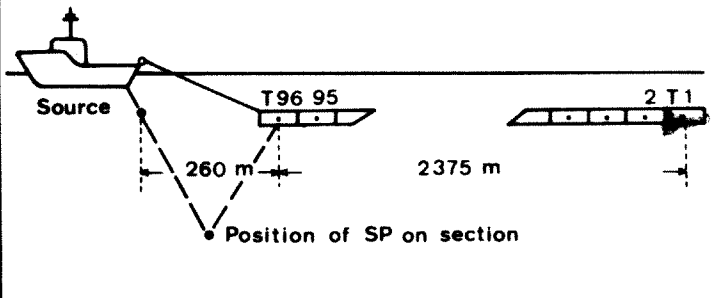
DFS X
FORMAT..... 9 tracks 1800 BPI
FILTER..... Line 8 Hz - High 128 Hz
SAMPLING..... 2 ms

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



Position of SP on section

RESAMPLE TO 4 ms
DEMUTIPLEX EDIT
TRACE MERGING 5/4 *
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIR GUN DELAY 51 ms
MUTES
DECONVOLUTION
Operator Length 200 ms
Windows * 0-2000 ms
2000-4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3km)
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
2000-5000 ms ** 9/48 Hz

TRACE EQUALIZATION
ANALOG DISPLAY

* TIME ZERO WB
** FOLLOWING TARGET

POLARITY
Geophone compression = negative number on field tape
While trough on display = positive reflection coefficient

TIME ORIGIN - H 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 M8 86

 COMPAGNIE GENERALE DE GEOPHYSIQUE
2, Rue Galvani - 91301 MASSY - FRANCE

