

Party : 2903

AGIP S.p.A.

SICILY
ZONE G

SSW 3050

LINE G82.119

2461 NNE

BOAT MOTION ←

PL N°283

STACK 4800%.DBS.TVF

OCT 28 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY.....SYLEDS
SHOOTING DATE.....MAY 20 82

INSTRUMENTS

DFS 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.....18 m
GROUPS.....96
GROUP INTERVAL.....25 m

Source
260 m
2375 m
Position of SP on section

DIGITAL PROCESSING P.5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMULPLEX EDIT
TRACE MERGING 5/4
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIR GUN DELAY 51 ms
MUTES

DECONVOLUTION
Operator Length 200 ms
Windows 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 2000-5000 ms
TRACE EQUALIZATION
ANALOG DISPLAY
TIME ZERO WB
POLARITY
Geophone compression negative number on field tape
Missed trace on display positive reflection coefficient
TIME ORIGIN W.S.T.
Source and streamer static correction applied +15 ms

HORIZONTAL SCALE
0.5 km
80 Traces/km

CGG's processing code 127 M6 86

COMPAGNIE GENERALE DE GEOPHYSIQUE
2, Rue Galvani - 91011 MASSY - FRANCE

