

Party: 2903

AGIP S.p.A.

SICILY
ZONE G

NW 4325 LINE **G82.58A** 3731 SE

BOAT MOTION ←

PL N° 862

STACK 4800%.DBS.TVF

JAN 20 83

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY
SHOOTING DATE AUG 20 82

INSTRUMENTS

DFS 3
FORMAT 9 tracks 1800 BPI
FILTER Low 8 Hz - High 138 Hz
SAMPLING 2 ms

SOURCE

AIRGUN ARRAY 6 m
DEPTH 2000 m
SP INTERVAL 25 m

STREAMER

LENGTH 2400 m
DEPTH 18.5 m
GROUPS 96
GROUP INTERVAL 25 m

Source
260 m
Reaction of SP on section
2375 m

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMUTIPLEX EDIT
TRACE MIXING 5/4 *
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION
Operator Length 200 ms
Windows 0 - 2000 ms
2000 - 4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3 km)
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING 40
STACK 4800 %
SHOT AND STREAMER STATIC +10 ms
TIME VARIANT FILTER
First uncertainty 12/80 Hz
One second after first uncertainty 500 Hz
Two seconds " 840 Hz
Three seconds " 840 Hz
TRACE EQUALIZATION
ANALOG DISPLAY
* TIME ZERO WB

POLARITY:
Explosion compression = negative number on field tape
" white trough on display

TIME ORIGIN: M.S.L.
Source and streamer static correction applied +10 ms

HORIZONTAL SCALE: 0.5 km
80 Traces/km

* CGG's processing code 127 M6 86

COMPAGNIE GENERALE DE GEOPHYSIQUE
8, Rue Delort - 91301 MASSY - FRANCE

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