

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

SW 3381 LINE G82.32A 3906 NE

BOAT MOTION →

PL N°898 STACK 4800%.DBS.TVF JAN 19, 83

FIELD RECORDING 4800 %
Contractor G.S.I.

DIGITAL PROCESSING P5
Sequence in 4 ms

SHIP

M/V ARCTIC SEAL
NAVIGATION BY SYLEDIS
SHOOTING DATE AUG 26, 82

INSTRUMENTS

DFS X
FORMAT 9 tracks 1600 SPS
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

Position of SP on section

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
Windows * 0-2000 ms
2000-10000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3km)
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING
STACK 4800 X
SHOT AND STREAMER STATIC +15ms
TIME VARIANT FILTER
TRACE EQUALIZATION
ANALOG DISPLAY
* TIME ZERO WB

POLARITY
Geophone compression - negative number on field tape
Laminate trough on display

TIME ORIGIN M S L
Source and streamer static correction applied + 15 ms

HORIZONTAL SCALE
..... 80 Times / km 0.5 km

* C.G.G.'s processing code 127 M6 86

COMPAGNIE GENERALE DE GEOPHYSIQUE
S. Rue Garreau - 91201 MASSY - FRANCE

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