

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

NW4866

LINE

G82.73A

4316SE

BOAT MOTION

PL N°876

STACK 4800%. DBS.TVF

JAN 21 '83

FIELD RECORDING 4800 %
Contractor
G.S.I.I.

DIGITAL PROCESSING P5
Sequence in 4 ms

SHIP

M/V ARCTIC SEAL
NAVIGATION BY SYEDRS
SHOOTING DATE AUG 12 '82

INSTRUMENTS

DPS 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 > 16.5 m
GROUPS 66
GROUP INTERVAL 25 m

Source
196.91
260
2375 m
Position of SP on section

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

MULTIS
DECONVOLUTION
Operator Length 300 ms
Window * 0-2000 ms
Window * 2000-4000 ms

VELOCITY ANALYSIS (AVMT EVERY 3Hm)
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING
STACK 4800 %
SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER
From sea bottom 15/85 Hz
First uncertainty 12/80 Hz
One second after first uncertainty 10/80 Hz
Two seconds 8/60 Hz
Three seconds 6/35 Hz

TRACE EQUALIZATION
ANALOG DISPLAY
Polarity ZERO WE

POLARITY
Geophone compression negative number on field tape
White trough on display

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

HORIZONTAL SCALE
0.5 km
80 Traces/km

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

COMPAGNIE GENERALE DE GEOPHYSIQUE
6, Rue Galvani - 93001 - MASSY - FRANCE

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