

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

WSW2086

LINE G82.91A

2576ENE

BOAT MOTION

PL N°657

STACK 4800%.DBS.TVF

DEC 28 82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY.....SYLEDS
SHOOTING DATE.....JUN 12 82

INSTRUMENTS

DPS 2
FORMAT.....9 Tracks 1600 BPI
FILTER.....Low 8 Hz., High 128 Hz
SAMPLING.....2 ms

SOURCE

AIRGUN ARRAY
DEPTH.....6 m
CAPACITY.....2000 in³
SP INTERVAL.....25 m

STREAMER

LENGTH.....2400 m
DEPTH.....≥ 16.5 m
GROUPS.....96
GROUP INTERVAL.....25 m

Source 264 m
2375 m
Position of SP on section

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMULTEX 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
2000-4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3 Km) ↓
NWD CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING →
STACK 4800 X
SHOT AND STREAMER STATIC +15 ms
TIME VARIANT FILTER
From sea bottom: 0-80 Hz
First uncertainty: 12/80 Hz
One second after first uncertainty: 8/40 Hz
Two seconds: 6/20 Hz
Three seconds: 4/10 Hz

TRACE EQUALIZATION
ANALOG DISPLAY
* TIME ZERO, WE

POLARITY
Geophone compression: negative number on field tape
→ while trough on display

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

HORIZONTAL SCALE:
.....80 Traces/km
.....0.5 Km

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

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

