

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

SW 2851 LINE G82.32A 3380 NE

BOAT MOTION →

PL N°897

STACK 4800%.DBS.TVF

JAN 19 83

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

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

INSTRUMENTS

DP5 X
FORMAT: 9 tracks 1800 SPI
FILTER: Low 8 Hz - High 128 Hz
SAMPLING: 2 ms

SOURCE

ARGON ARRAY
DEPTH: 6 m
CAPACITY: 2000 m³
SP INTERVAL: 25 m

STREAMER

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

Source
280 m
2375 m
Position of SP on section

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMUTING EDIT
TRACE MERGING 5/4 *
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
ARGON DELAY: 51 ms

MUTES

DECONVOLUTION
Operator Length: 200 ms
Windows: 0-2000 ms
3000-4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3 km) ↓
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING → 80
STACK 4800 %
SHOT AND STREAMER STATIC ±15 ms

TIME VARIANT FILTER
From sea bottom: 15 / 80 Hz
First uncertainty: 12 / 80 Hz
Two seconds after first uncertainty: 8 / 40 Hz
Three seconds: 6 / 30 Hz

TRACE EQUALIZATION
ANALOG DISPLAY
*TIME ZERO WS

POLARITY:
Geophone compression = negative number on field tape
= positive trough on display

TIME ORIGIN: M S L
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 Giscard - 91301 - MASSY - FRANCE

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