

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

SW 2576

LINE G82.30B

3075 NE

PL N° 878

STACK 4800%.DBS.TVF

JAN 25 83

FIELD RECORDING 4800 %
Contractor G.S.I.

DIGITAL PROCESSING P5
Sequence in 4 ms

SHIP

M/V ARCTIC SEAL
NAVIGATION BY.....SYLEDS
SHOOTING DATE.....AUG 30 82

INSTRUMENTS

OF S Z
FORMAT.....9 Tracks 1800 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.....96
GROUP INTERVAL.....25 m

Diagram of SP on section

RESAMPLE TO 4 ms
DEMULPLEX EDIT
TRACE MERGING 5/1 *
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY: 51 ms
NOTES
DECONVOLUTION
Operator Length: 300 ms
Windows * 0-2000 ms
2000-4000 ms
VELOCITY ANALYSIS (ANVIT EVERY 34m)
WIND CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING
STACK 4800 X
SHOT AND STREAMER STATIC -10 ms
TIME VARIANT FILTER
From sea bottom: 10-60 Hz
First uniformity: 12-60 Hz
Two seconds after first uniformity: 10-50 Hz
8-40 Hz
Three seconds: 6-24 Hz
TRACE EQUALIZATION
ANALOG DISPLAY
* TIME ZERO WB
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
80 Tracks/km
0.5 Km

Diagram of processing steps

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

COMPAGNIE GENERALE DE GEOPHYSIQUE
6, Rue Galvani - 91001-MASSY - FRANCE

