

Party: 2903[°]

AGIP S.p.A.

SICILY
ZONE G

NW566

LINE G82.62

1030SE

BOAT MOTION

→

PL N°565

STACK 4800%.DBS.TVF

DEC 6 82

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY.....SYLEDIS

SHOOTING DATE.....JUNE 18 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 m+3

STACK 4800 %

SP INTERVAL.....25 m

STREAMER

LENGTH.....2400 m

DEPTH.....≥ 17 m

GROUPS.....96

GROUP INTERVAL.....25 m

DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMUTIPLEX EDIT

TRACE MERGING 3/2[°]

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 3km) ↓

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING → 80

STACK 4800 %

SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER * { 0-400 ms 12/60 Hz
900 ms 10/45 Hz
1400 ms 8/45 Hz TARGET
2000 ms 8/40 Hz
2600-6000 ms 6/35 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

0.5 Km

80 Traces/km

Source

26.4

196.35

2375 m

2.7

Position of SP on section

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

COMPAGNIE GENERALE DE GEOPHYSIQUE

6, Rue Sahel - 91201 - MASSY - FRANCE

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