

Party : 2903*

AGIP S.p.A.

SICILY

ZONE G

SSW 195

LINE G82.121

705 NNE

BOAT MOTION

PL N° 272

STACK 4800%.DBS.TVF

OCT 25 82

FIELD RECORDING - 4800 %

G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY..... SYLEDIS

SHOOTING DATE..... MAY 29 82

INSTRUMENTS

DPS X

FORMAT..... 9 tracks 1800 BPI

FILTER..... Line 8 Hz - High 128 Hz

SAMPLING..... 2 ms

SOURCE

AIRGUN ARRAY

DEPTH..... 6 m

CAPACITY..... 2000 µF

SP INTERVAL..... 25 m

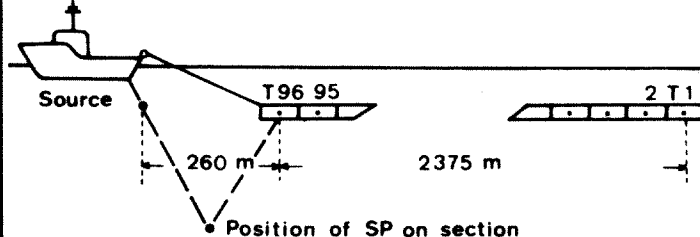
STREAMER

LENGTH..... 2400 m

DEPTH..... ≈ 16.5 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

DEMULTIPLEX EDIT

TRACE MERGING 5/4*

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIR GUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Windows * 0-2000 ms

3000-4000 ms

VELOCITY ANALYSIS (ANVT EVERY 3km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 %

SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER

0-1000 ms * 12/65 Hz

2000-5000 ms ** 9/48 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO WB

** FOLLOWING TARGET

POLARITY

Gasoline compression - negative number on field tape

White trough on display - positive reflection coefficient

TIME ORIGIN M S L

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

2, Rue Galveston - 91301 - MASSY - FRANCE

