

Party: 2903⁺

AGIP S.p.A.

SICILY

ZONE G

SSW 101

LINE G82.98

608 NNE

BOAT MOTION

PL N°640

STACK 4800%.DBS.TVF

DEC 24 82

FIELD RECORDING 4800 %

Contractor G.S.I.

DIGITAL PROCESSING P5

Sequence in 4 ms

SHIP

M/V ARCTIC SEAL

NAVIGATION BY..... SYLEDIS

SHOOTING DATE..... JULY 10. 82

INSTRUMENTS

D/S X

FORMAT..... 9 tracks 1600 BPI

FILTER..... Low 8 Hz - High 128 Hz

SAMPLING..... 2 ms

SOURCE

AIRGUN ARRAY

DEPTH..... 6 m

CAPACITY..... 2000 m³

SP INTERVAL..... 25 m

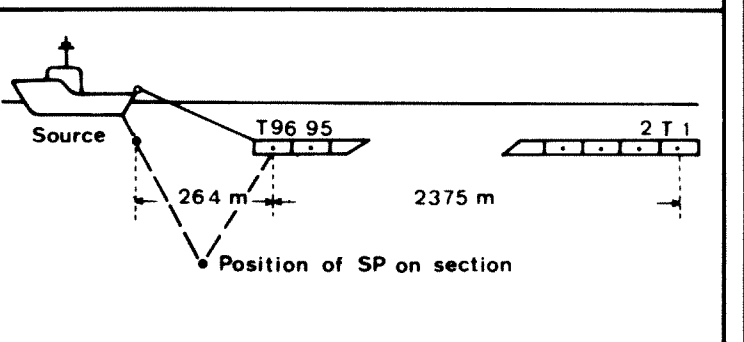
STREAMER

LENGTH..... 2400 m

DEPTH..... 16-5 m

GROUPS..... 96

GROUP INTERVAL..... 25 m



Source

264 m

2375 m

Position of SP on section

RESAMPLE TO 4 ms

DEMULPLEX EDIT

TRACE MERGING 5/4 #

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Stack 4800 %

Windows # 2000-4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3km)

WMO CORRECTIONS (Linear integration between velocity functions)

OFFSET DEPENDENT SCALING

SHOT AND STREAMER STATIC -15ms

TIME VARIANT FILTER

From sea bottom 12-15 Hz

Final uniformity 12-60 Hz

One second after first uncertainty 8-40 Hz

Three seconds 6-30 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO WB

POLARITY

Geophone compression - negative number on field tape

white trough on display

TIME ORIGIN M.S.L.

Source and streamer static correction applied + 10 ms

HORIZONTAL SCALE

80 Traces/km

0.5 km

• C.G.G.'s processing code 127 MB 86

 COMPAGNIE GENERALE DE GEOPHYSIQUE

2, Rue Galvani - 92081 - MASEY - FRANCE

