

Party: 2903

AGIP S.p.A.

SICILY
ZONE G

SSW1566
1870

LINE G82.119

1280
1671NNE

PL N°281

STACK 4800%.DBS.TVF

OCT 28 82

FIELD RECORDING 4800 %
Contractor G.S.I.

DIGITAL PROCESSING P5
Sequence in 4 ms

SHIP

W.V. ARCTIC SEAL

NAVIGATION BY SYLEDIS

SHOOTING DATE MAY 30 82

INSTRUMENTS

DP5 32

FORMAT 9 tracks 1600 BPI

FILTER Low 8 Hz - High 128 Hz

SAMPLING 2 ms

SOURCE

AIRGUN ARRAY

DEPTH 6 m

CAPACITY 20000 m³

SP INTERVAL 25 m

STREAMER

LENGTH 2400 m

DEPTH 16 m

GROUPS 86

GROUP INTERVAL 25 m

Diagram of SP on section

RESAMPLE TO 4 ms

DEMULTEPLEX EDIT

TRACE MERGING 5/4 *

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIR GUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Windows* 2000-4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING 40

STACK 4800 %

SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER 10-1000 ms * 12 / 65 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

* TIME ZERO WB

** FOLLOWING TARGET

POLARITY

Geophone compressions 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 0.5 Km

80 Traces/km

* CGG s processing code 127 M6 88

COMPAGNIE GENERALE DE GEOPHYSIQUE

2, rue Galvani - 91301 MASSY - FRANCE

