Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

NW 4015 **LINE G82.57C** 3300 SE

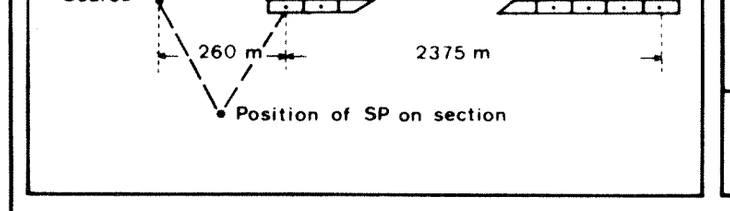
BOAT MOTION ←

PL N° 857

STACK 4800%.DBS.TVF

JAN 20 . 83

FIELD RECORDING 4800 % Contractor G.S.I.	
SHIP	
M/V ARCTIC SEAL	
NAVIGATION BY	SYLEDIS
SHOOTING DATE	AUG 27 . 82
INSTRUMENTS	
DFS V	
FORMAT	9 tracks 1600 BPI
FILTER	Low 8 Hz - High 128 Hz
SAMPLING	2 ms
SOURCE	
AIRGUN ARRAY	
DEPTH	6 m
CAPACITY	2000 in³
SP INTERVAL	25 m
STREAMER	
LENGTH	2400 m
DEPTH	≃ 16.5 m
GROUPS	96
GROUP INTERVAL	25 m



DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms
DEMULTIPLEX EDIT
TRACE MERGING 5/4 *
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 3 Km)
NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING
STACK 4800 %
SHOT AND STREAMER STATIC +15 ms
TIME VARIANT FILTER:
From sea bottom 15 / 65 Hz
First unconformity 12 / 60 Hz
One second after first unconformity 10/50 Hz
Two seconds " " 8/40 Hz
Three seconds " " 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 L
Source and streamer static correction applied + 15 ms

HORIZONTAL SCALE 0.5 Km
80 Traces/km

* CGG's processing code 127 . M6.86

COMPAGNIE GENERALE DE GEOPHYSIQUE
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