

SW591

LINE

G82.31

1085NE

BOAT MOTION

PL N°845

STACK 4800%. DBS.TVF

JAN 21 '83

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY SYLEDS
SHOOTING DATE JULY 1 '82

INSTRUMENTS

DPS X
FORMAT 9 Tracks 1800 BPI
FILTER Low 8 Hz - High 128 Hz
SAMPLING 2 ms

SOURCE

ARGUN ARRAY
DEPTH 6 m
CAPACITY 2000 m³
SP INTERVAL 25 m

STREAMER

LENGTH 2400 m
DEPTH > 18.5 m
GROUPS 96
GROUP INTERVAL 25 m

Diagram showing Source, Streamer, and Position of SP on section.

RESAMPLE TO 4 ms
DEMULTEPLEX EDIT
TRACE MERGING 5/4 *
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
ARGUN DELAY 51 ms
MUTES
DECONVOLUTION
Operator Length 200 ms
Windows * 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 uncorrelated 12 / 60 Hz
Two seconds after first uncorrelated 8 / 40 Hz
Two seconds * 6 / 32 Hz
TRACE EQUALIZATION
ANALOG DISPLAY
TIME ZERO MS
POLARITY
Geophone compression negative number on field tape
while trough on display
TIME ORIGIN N S
Source and streamer static correction applied - 15 ms
HORIZONTAL SCALE
80 Traces/km

Diagram showing Velocity Analysis and Time Variant Filter.

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

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