

NW1770

LINE

G82.53

1216SE

BOAT MOTION

PL N°792

STACK 4800%-DBS-TVF

JAN 10 83

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY.....SYLEDIS

SHOOTING DATE.....JUNE 28 82

INSTRUMENTS

DPS II

FORMAT.....9 tracks 1800 BPI

FILTER.....Low B Hz - High 128 Hz

SAMPLING.....2 ms

SOURCE

ARGON ARRAY

DEPTH.....6 m

CAPACITY.....2000 m3

SP INTERVAL.....25 m

STREAMER

LENGTH.....2400 m

DEPTH.....± 15.5 m

GROUPS.....95

GROUP INTERVAL.....25 m

Source

2375 m

264 m

Position of SP on section

DIGITAL PROCESSING P.5

Sequence in 4 ms

RESAMPLE TO 4 ms

COMB FILTERS GSI

TRACE MERGING 5/4 *

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

ARGON DELAY 53 ms

MUTES

DECONVOLUTION

Operator Length 200 ms

Windows * 2000-2000 ms

2000-4000 ms

VELOCITY ANALYSIS (ANVT EVERY 3km) ↓

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 %

SHOT AND STREAMER STATIC +15 ms

From sea bottom 25 Hz

First uncertainty 12 80 Hz

TIME VARIANT FILTER One second after first uncertainty 1000Hz

Two seconds 800Hz

Three seconds 600Hz

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

80 Traces/km

0.5 km

* CUG - processing code 127 - 08.08

COMPAGNIE GENERALE DE GEOPHYSIQUE

5, Rue Sarrasin 93200 - Villette - FRANCE

