

BOAT MOTION ←

PL N°748

STACK 4800%.DBS.TVF

DEC 29 82

FIELD RECORDING 4800 %
Contractor G-S.I.

SHIP

M/V ARCTIC SEA
NAVIGATION BY: SLEDEX
SHOOTING DATE: AUG 14 82

INSTRUMENTS

DPS X
FORMAT: 9 tracks 1800 BPI
FILTER: Low 8Hz, High 128 Hz
SAMPLING: 2 ms

SOURCE

AIRGUN ARRAY
DEPTH: 6 m
CAPACITY: 2000 $\times$
SP INTERVAL: 25 m

STREAMER

LENGTH: 2400 m
GROUP: $\leq$ 16.5 m
GROUPS: 56
GROUP INTERVAL: 25 m

Position of SP on section

DIGITAL PROCESSING P5
Sequence in 4 ms

REMAPLE TO 4 ms

DEMULTIPLY EXT
TRACE MERGING 5/4*
TIME AMPLITUDE RECOVERY
SPHERICAL AVERAGE COMPRESSION
AIRGUN DELAY 51 ms
MUTES

DECONVOLUTION

Operator Length 200 ms
Windows 0-2000 ms
2000-4000 ms

VELOCITY ANALYSIS (ANVT 1EVEY 3km)

NMO CORRECTIONS (Linear interpolation between velocity functions)
OFFSET DEPENDENT SCALING 0-50
STACK 4800 K
SHOT AND STREAMER STRAT $\pm$ 10 ms

TIME VARIATION

From sea bottom: 15.45 Hz first uncertainty, 15.40 Hz second after first uncertainty
From streamer: 8.03 Hz first uncertainty, 6.31 Hz second

TRACE EQUALIZATION

ANALOG DISPLAY
* TIME ZERO WB
* POLARITY
Geophone compression/negative number on field tape
white trace on display
TIME ORIGIN: M 5.1
Source and streamer: static correction applied $\pm$ 15 ms

HORIZONTAL SCALE

0.5 km
80. Traces/km

