SW 645 **LINE G82.23** 101 NE

BOAT MOTION ←

PL N°883 | STACK 4800%.DBS.TVF | JAN 21 83

FIELD RECORDING 4800 %
Contractor G.S.I

SHIP
M/V ARCTIC SEAL
NAVIGATION BY ..... SYLEDS
SHOOTING DATE ..... AUG 23 82

INSTRUMENTS
DFS IV
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

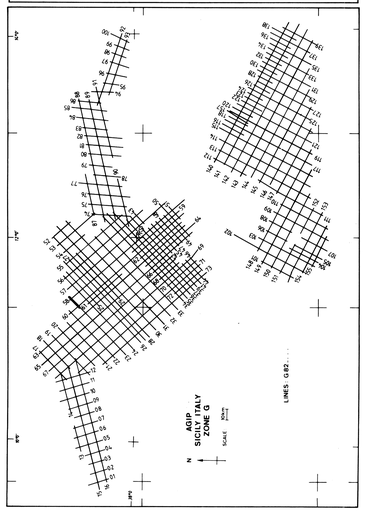
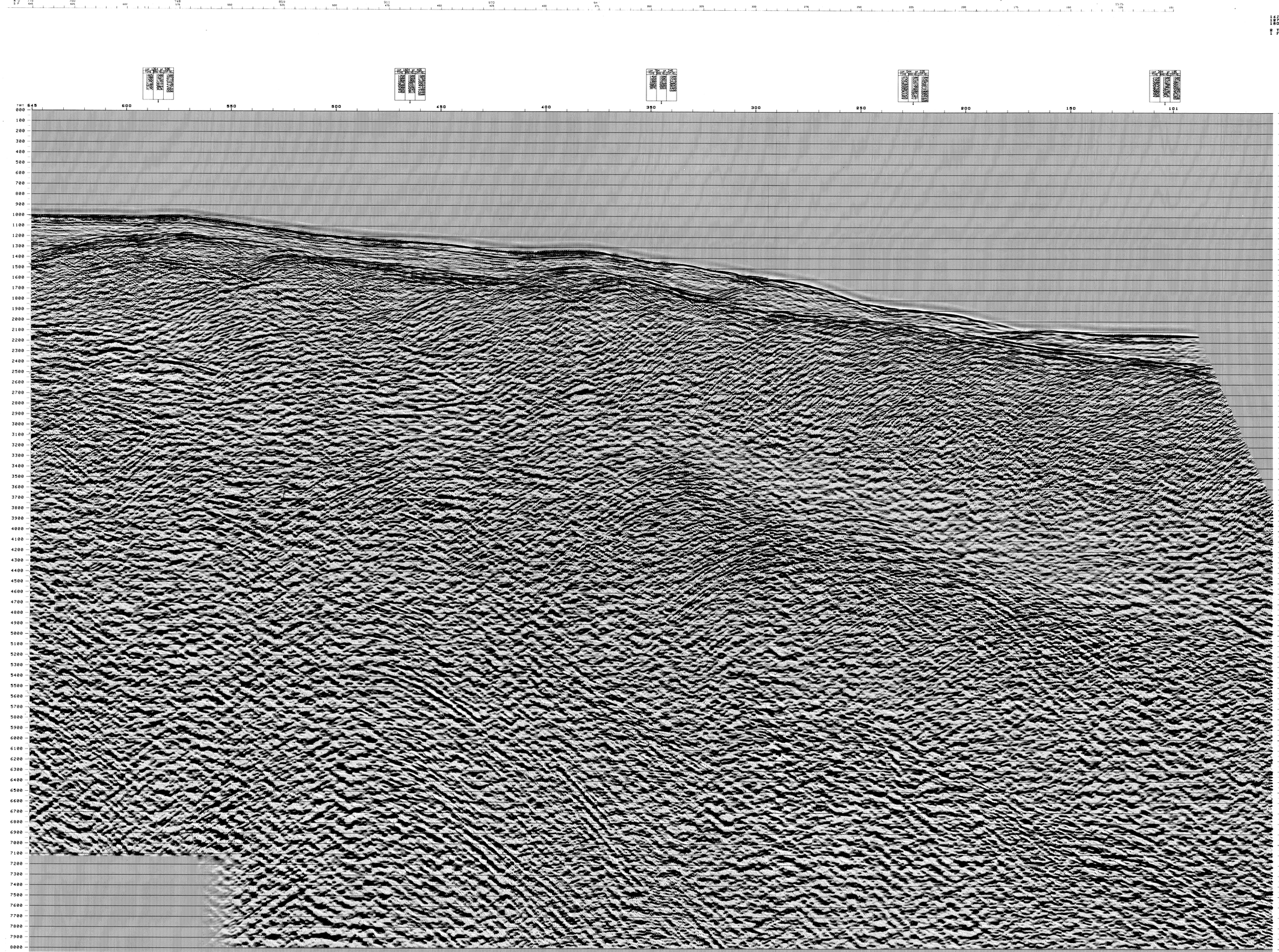
DIGITAL PROCESSING P5
Sequence in 4 ms

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 (ANALYZ 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
Three seconds 8 / 40 Hz
6 / 25 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
..... 50 Traces/Km

* C.G.G.'s processing code 127 W6.86

COMPAGNIE GENERALE DE GEOPHYSIQUE
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