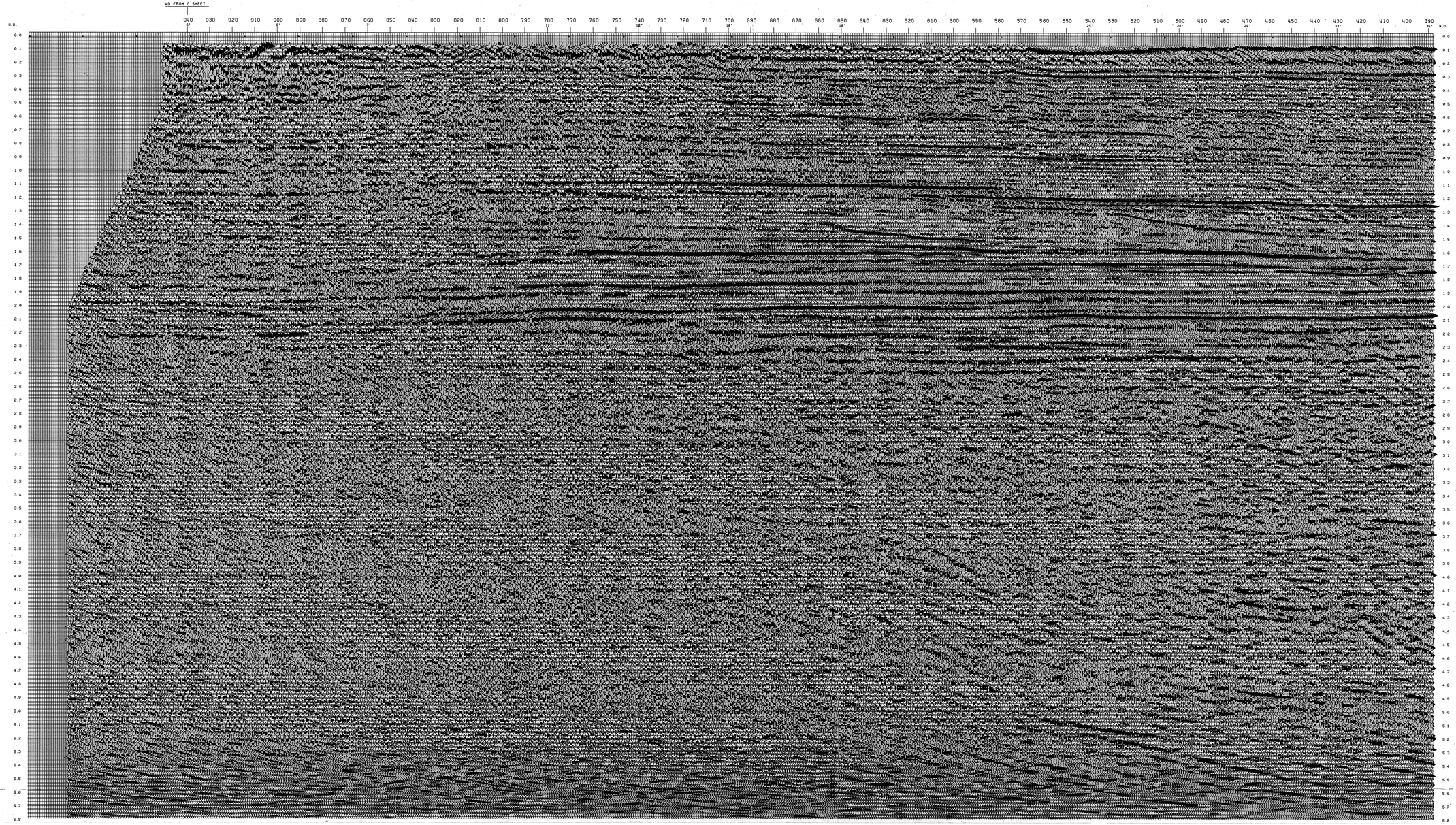
13 mig.

13 mig.

WB-326
S.P. 940-390
AUTOMATIC STATICS APPLIED
2 X 2400% MIG.BPF
MIGRATION BY FINITE
DIFFERENCE METHOD



SOUTHWEST

WESTERN GEOPHYSICAL COMPANY

OFFSHORE ALASKA

AREA : HARRISON BAY

SHOT BY WESTERN GEOPHYSICAL PARTY NO. 195 DATE : AUG. 20, 1979
PROCESSED BY WESTERN GEOPHYSICAL GROUP NO.4 DATE : NOV. 28, 1979
USGS PERMIT NO. 79-16

RECORDING DATA

SOURCE

ENERGY SOURCE	AIR GUNS
NUMBER OF GUNS	10
SHOT POINT INTERVAL	164 FEET
DISTANCE OF SOURCE TO ANTENNA	25 FEET
MAXIMUM CHARGE SIZE	580 CU. IN.
AVERAGE GUN DEPTH	10 FEET

INSTRUMENTS

SYSTEM	DFS-V
AMPLIFIER	INST.FLOATING POINT
FILTER	L/S-H/128
SAMPLING INTERVAL	2 MS.
RECORD LENGTH	6 SECONDS

CABLE

TYPE CABLE	DRAG
CABLE LENGTH	7708 FEET
LEAD IN	924 FEET
GROUP INTERVAL	164 FEET
NUMBER OF GROUPS RECORDED	48
AVERAGE CABLE DEPTH	15 FEET

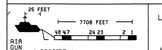
PROCESSING SEQUENCE AND PARAMETERS

PROCESSING SAMPLING INTERVAL 4 MS

1. EDIT 2MS.
   1A. PRE-FILTER 8-OUT
2. DECONVOLVED BEFORE STACK
   TYPE - MINIMUM PHASE INVERSE FILTER
   WINDOW LENGTH 3 EQUAL ZONES
   OVERLAP 20% OF ZONE
   LENGTH OPERATOR 192 MS
   PREDICTION DISTANCE 12 MS
   SAMPLING INTERVAL 4 MS
3. AUTOMATIC STATICS
4. NMO
5. MEDIAN STACK 2400%
6. PEAKS GAIN
7. RMS GAIN
8. MIGRATION
   FINITE DIFFERENCE METHOD
9. PEAKS GAIN
10. RMS GAIN
11. BANDPASS FILTER

TIME ZONE	L.C. (CPS)	H.C.
0.0 - 6.0 SEC.	8 -	55

12. PLAYBACK INFORMATION
    STACK REEL NUMBER - 485789
    FILM REEL NUMBER - 243933
    POLARITY - NORMAL
    PLAYBACK SETTING - 15 DB
    HEADER NUMBER - MIG300



LEGEND
V VELOCITY ANALYSIS
INTERSECTIONS
W.D. WATER DEPTH
VELAN RUN EVERY MILE

POLARITY CONVENTION

RECORDING	: COMPRESSION PULSE	NEGATIVE	NUMBER
PROCESSING	: COMPRESSION PULSE	NEGATIVE	NUMBER
DISPLAY	: COMPRESSION PULSE	TROUGH	(DECREASING BLACK)