

1 X 1200% TVF
LINE: 134
SP 222-240A

TIME	SP	SP	SP	SP
0.05	4800	4800	4800	4800
0.20	5400	5400	5400	5400
0.40	6000	6000	6000	6000
1.00	6600	6600	6600	6600

TIME	SP	SP	SP	SP
0.05	4800	4800	4800	4800
0.20	5350	5400	5450	5500
0.50	6000	6300	6600	6900
1.00	6650	7200	7800	8400

TIME	SP	SP	SP	SP
0.05	4800	4800	4800	4800
0.20	5400	5400	5400	5400
0.40	5900	5900	5900	5900
1.00	6500	7100	7700	8300



SOUTH

OFFSHORE ALASKA
AREA: BEARFOOT SEA, HARRISON BAY

DATA SET IDENTIFIER: AK19101
USGS REPRESENTATIVE: JERRY SHEARER
VESSEL: ARCTIC SUN
SEA STATE: 1-2
SHOT BY: WESTERN GEOPHYSICAL, PARTY OBS
PROCESSED BY: WESTERN GEOPHYSICAL (MOC)
PLAYBACK REEL NO: 308976
JAN 1981
GROUP 9

RECORDING DATA

SOURCE

ENERGY SOURCE: WATER GUN
NUMBER OF GUNS: 2
GUN DEPTH: 0.8 M
FIRING INTERVAL: 8.33 M
SHOT POINT INTERVAL: 300 M
DISTANCE OF SOURCE TO ANTENNA: 33.8 M
SOURCE CAPACITY: 15 CUBIC INCHES

INSTRUMENTS

SYSTEM: DFS V
AMPLIFIER: INSTANT FLOATING PT.
FILTER: L/12 M/S12
SAMPLING INTERVAL: 0.5 MS
RECORD LENGTH: 1 SECOND
FORMAT: SEG B

CABLE

TYPE CABLE: STREAMER
CABLE LENGTH: 183.33 M
LEAD IN: 115.27 M
GROUP INTERVAL: 16.66 M
NUMBER OF GROUPS RECORDED: 12
CABLE DEPTH: NOT SPECIFIED

PROCESSING SEQUENCE AND PARAMETERS

PROCESSING SAMPLING INTERVAL: 1 MS

- EDIT
- DECONVOLVED BEFORE STACK
TYPE: MINIMUM PHASE INVERSE FILTER
WINDOW LENGTH: 1000 MS
LENGTH OPERATOR: 220 MS
PREDICTION DISTANCE: 1 MS
- NMO STACK 1200%
- RAPD PROCESS
RESIDUAL AMPLITUDE COMPENSATION
- TIME VARIANT FILTER
TIME ZONE: L.C. INZ: M.C.
0.00 0.40 SEC: 40 200
0.40 1.00 SEC: 20 120

LEGEND

VELOCITY ANALYSIS
INTERSECTIONS
W.D. WATER DEPTH
VELAN EVERY 5 KILOMETERS

HORIZONTAL SCALE
120 TRACES EQUAL 1 KILOMETER

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

TWELVE-CHANNEL CDP SEISMIC PROFILE WITH VELOCITY ANALYSIS AND RECORDING PARAMETERS.