PUGET SOUND SEISMIC-REFLECTION SURVEY
1987

UNITED STATES GEOLOGICAL SURVEY
STRAIT OF JUAN DE FUCA
LINE: 10A
FINAL STACK

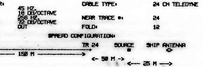
EAST

PROCESSED BY: USGS
BRANCH OF GEOLOGIC RISK ASSESSMENT
LINE 10A
PORT ANGELES TO MC CURDY POINT

RECORDING PARAMETERS

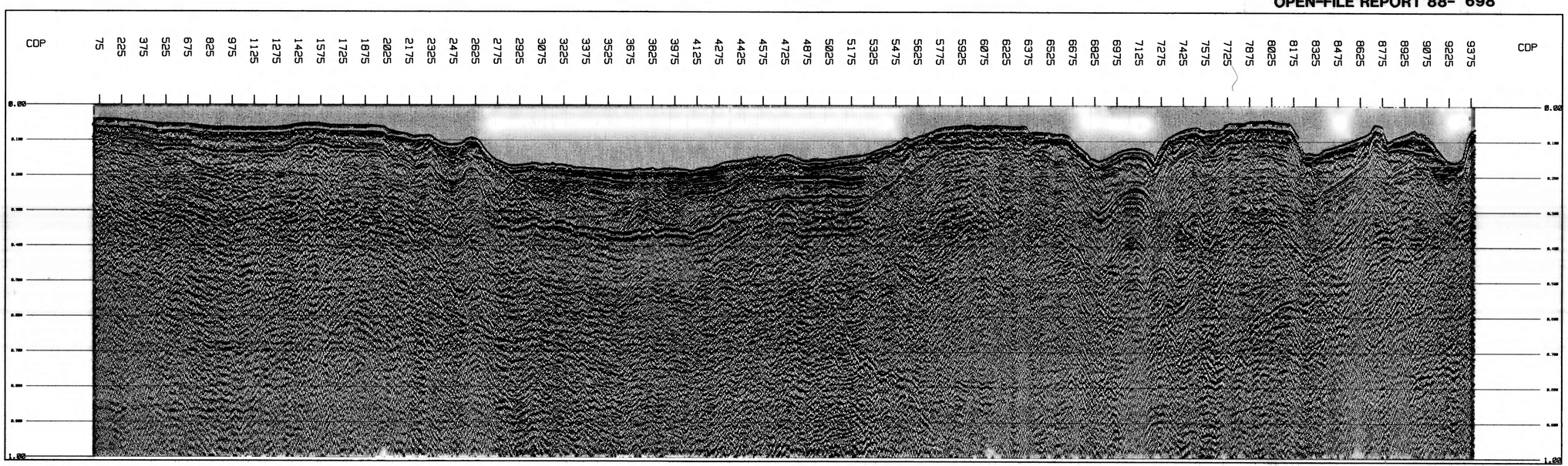
RECORDED BY:	USGS	DATE RECORDED:	APRIL-1987
SHIP:	THOMAS JEFFERSON		
INSTRUMENT:	GEOTEC	SECONDARY MON.:	CGS
INSTRUMENT MODEL:	24 CH	SHOT DEPTH:	7.62 M
TOTAL GAIN:	48 DB	GUN TOWING DEPTH:	3 METERS
TYPE SOURCE:	10 CU. INCHES		
SOURCE PRESSURE:	2000 PSI		
TIME SCANNED:	30-8-1988 DT		
RECORD LENGTH:	2.0 SECONDS	SOURCE INTERVAL:	8.00 METERS
		TRACE INTERVAL:	8.00 METERS
RECORD FILTER:	48 HZ	CABLE TYPE:	24 CH TELEDYNE
	12 DECIBEL		
	18 DECIBEL/OCTAVE	NEAR TRACE #:	24
	250 HZ		
	250 DECIBEL/OCTAVE	FOLD:	12
60 HZ NOTCH:	OUT		

SPREAD CONFIGURATION



PROCESSING SEQUENCE

1 DEMULTIPLEX
2 RECORDING GAIN REMOVAL
3 GEOMETRY DEFINITION
4 TRACE EDITING
5 CDP SORT 12 FOLD
5B AGC 200 MS GATE
5B SPECTRAL WHITENING
6 VELOCITY ANALYSIS
7 PRELIMINARY STACK
8 NORMAL MOVEOUT CORRECTION
9 STACK 12 FOLD
10 SPIKING DECONVOLUTION 1/2 WATER DEPTH
11 GAP DECONVOLUTION GAP WATER DEPTH
12 MUTE AT WATER DEPTH
13 BANDPASS FILTER
TIME: BANDPASS:
0 - 2000 MS 30/45 -100/200
14 VERTICAL STACK 6 TO 1
15 DISPLAY
TRACES PER INCH: 50
VERTICAL SCALE: 8 INCHES / SEC
DISPLAY DATE: OCTOBER, 1988



USERNAME: HARDING PLOT JOB(S): 21 G: 1 C: 1 DATE: 23-DEC-88 16:35
RMS = 8.483572E+01 GAIN = 1.00000 LINE L10
PROJECT: PUGET JOB NO: 1888MS 24 SAMPLES) INCLUDING ZERO SAMPLES
PROCESS: POSITIVE 4 WINDOWS OVER ENTIRE TRACE
SECOND RUNRGBS USING

USERNAME: HARDING PLOT JOB(S): 21 G: 1 C: 1 DATE: 23-DEC-88 16:35
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