PUGET SOUND SEISMIC-REFLECTION SURVEY
1987

UNITED STATES GEOLOGICAL SURVEY
STRAIT OF JUAN DE FUCA
LINE: 9
FINAL STACK

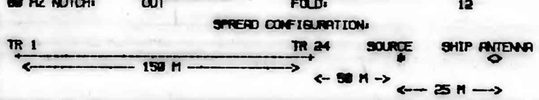
NORTH

PROCESSED BY: USGS
BRANCH OF GEOLOGIC RISK ASSESSMENT
LINE 9
PORT ANGELES TO CANADA

RECORDING PARAMETERS

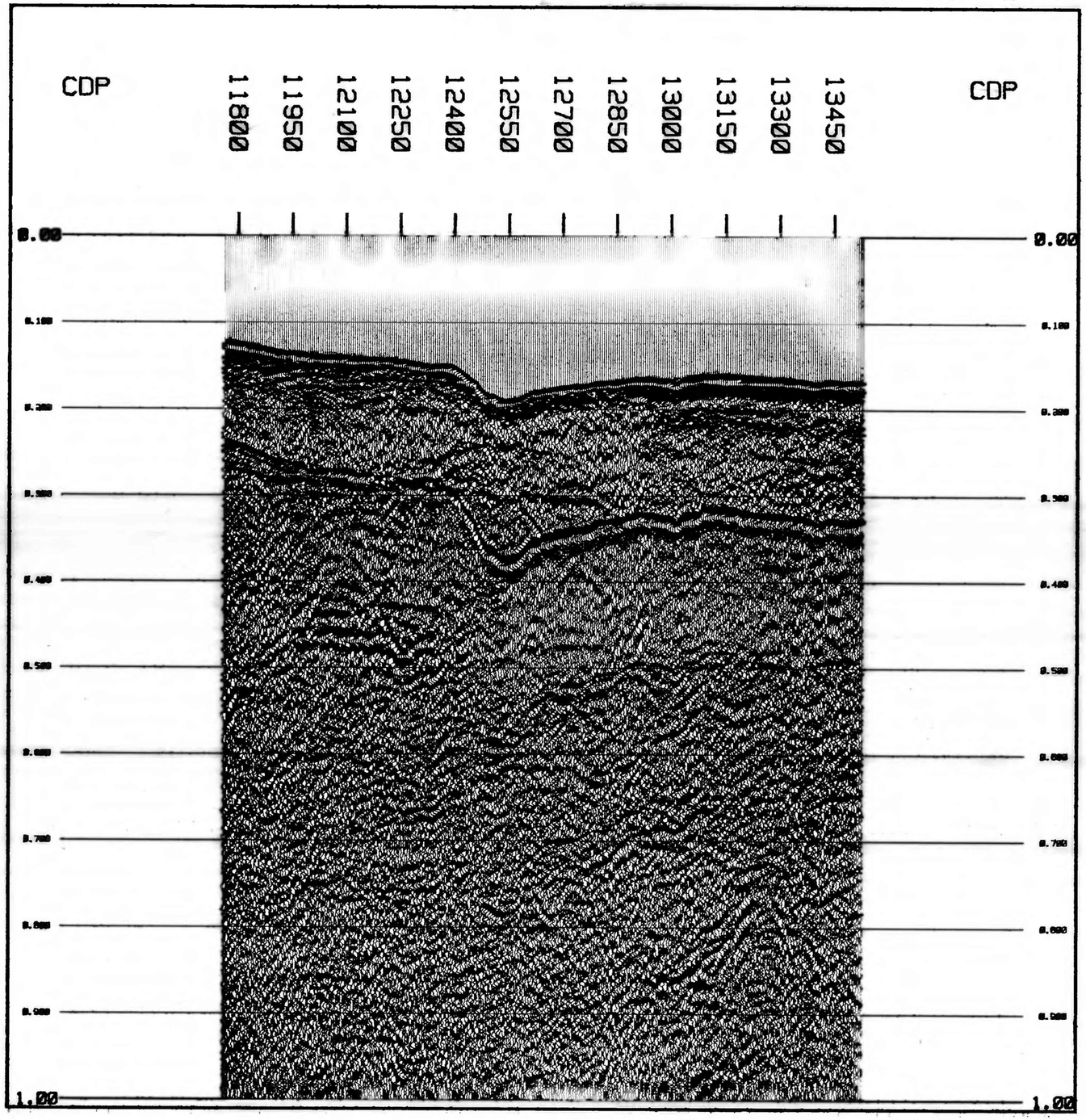
RECORDED BY:	USGS	DATE RECORDED:	APRIL-1987
VESSEL:	M/V REDOUBT		
PRIMARY NAV.:	LORAN C	SECONDARY NAV.:	GPS
INSTRUMENT TYPE:	DFS-V	SAMPLE RATE:	1.0 MS
TYPE OF SOURCE:	WATER GUN	GUN OPERATING DEPTH:	3 METERS
TOT. GUN VOL.:	15 CU. INCHES		
TAPE FORMAT:	SEG-B 1600 BPI		
NO. OF CHANNELS:	24	SOURCE INTERVAL:	6.25 METERS
RECORD LENGTH:	2.0 SECONDS	TRACE INTERVAL:	6.25 METERS
RECORD FILTER:		CABLE TYPE:	24 CH TELEDYNE
LOCUT:	45 HZ		
SLOPE:	18 DB/OCTAVE		
HICUT:	256 HZ	NEAR TRACE #:	24
SLOPE:	72 DB/OCTAVE		
60 HZ NOTCH:	OUT	FOLD:	12

SPREAD CONFIGURATION:



PROCESSING SEQUENCE

1	DEMULTIPLEX
2	RECORDING GAIN REMOVAL
3	GEOMETRY DEFINITION
4	TRACE EDITING
5	CDP SORT 12 FOLD
5A	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 -180/200
14	VERTICAL STACK 6 TO 1
15	DISPLAY
	TRACES PER INCH: 50
	VERTICAL SCALE: 8 INCHES / SEC
	DISPLAY DATE: MARCH 03, 1988



USERNAME: HARDING PLOT JOBID: 20 G: 1 C: 1 DATE: 29-DEC-88 14:58
RMS = 0.36097E+01 GAIN = 1.00000 LINE L8
PROJECT :PUGET JOB NO. 23
POLARITY NORMAL - POSITIVE DATA(1000MS @ 1. SAMPLES)
SECOND AVERAGE USING 4 WINDOWS OVER ENTIRE TRACE INCLUDING ZERO SAMPLES

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