PUGET SOUND SEISMIC-REFLECTION SURVEY
1987

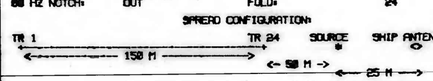
UNITED STATES GEOLOGICAL SURVEY
PUGET SOUND
LINE: 15
FINAL STACK

EAST

PROCESSED BY: USGS
BRANCH OF GEOLOGIC RISK ASSESSMENT
LINE 15
PORT MADISON TO SHILSHOLE BAY
FTEXT BOXF 0.900 2
RECORDING PARAMETERS

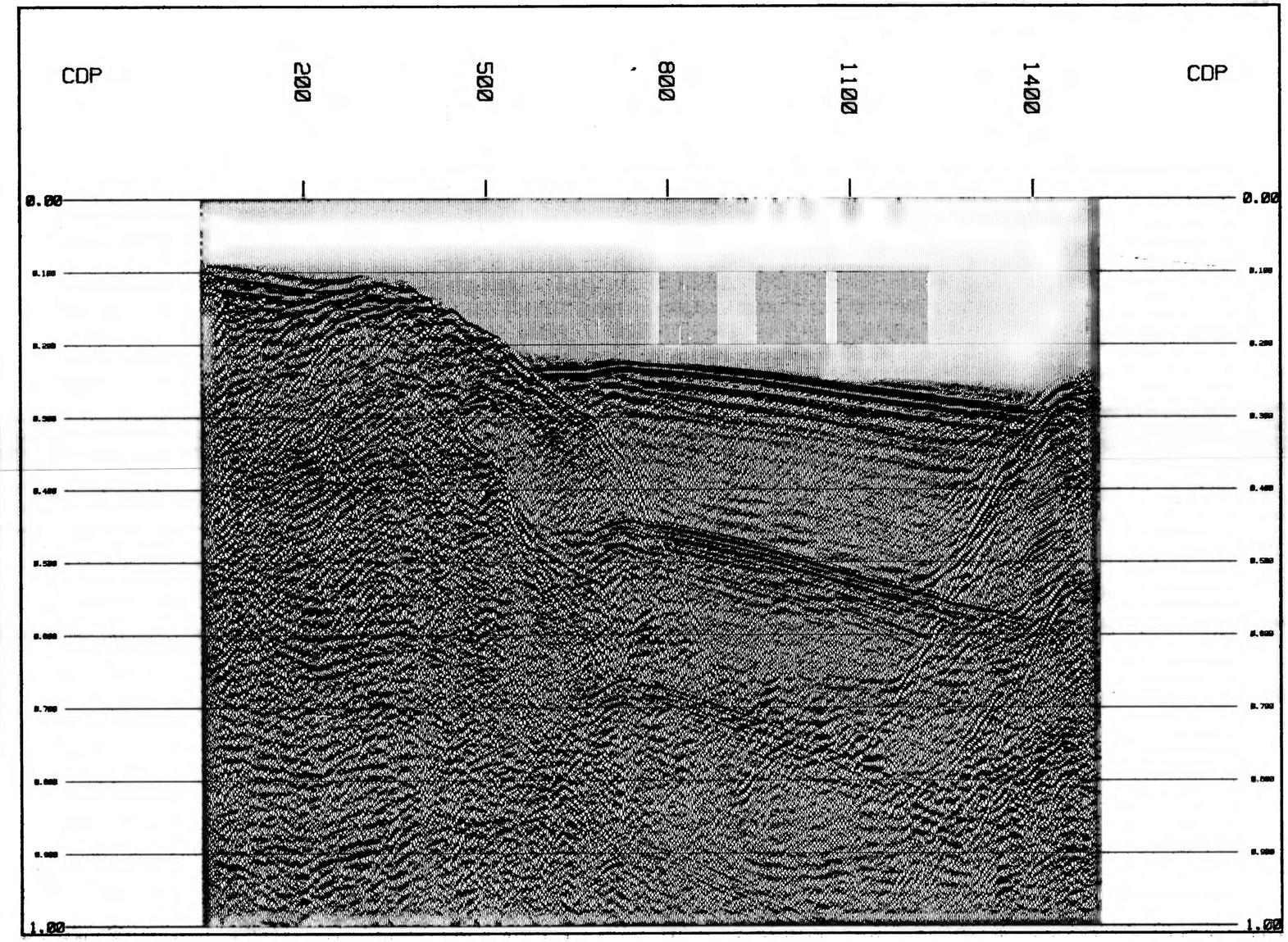
RECORDED BY:	USGS	DATE RECORDED:	APRIL-1987
VESSEL:	M/V REDOUBT		
PRIMARY NAV.:	LORAN C	SECONDARY NAV.:	GPS
INSTRUMENT TYPE:	DFS-V	SAMPLE RATE:	1.0 MS
TYPE OF SOURCE:	WATER GUN	GUN OPERATING DEPTH:	3 METERS
TOTAL GUN VOL.:	15 CU. INCHES		
TAPE FORMAT:	SEG-B 1600 BPI		
NO. OF CHANNELS:	24	SOURCE INTERVAL:	3.12 METERS
RECORD LENGTH:	1.0 SECONDS	TRACE INTERVAL:	6.25 METERS
RECORD FILTER:		CABLE TYPE:	24 CH TELEDYNE
LOCUT:	45 HZ		
SLOPE:	18 DB/OCTAVE		
HICUT:	255 HZ	NEAR TRACE #:	24
SLOPE:	72 DB/OCTAVE		
60 HZ NOTCH:	OUT	FOLD:	24

SAREO CONFIGURATION:



PROCESSING SEQUENCE

1	DEMULTIPLEX	
2	RECORDING GAIN REMOVAL	
3	GEOMETRY DEFINITION	
4	TRACE EDITING	
5	CDP SORT 24 FOLD	
6	DIP MOVEOUT	
7	VELOCITY ANALYSIS	
8	PRELIMINARY STACK	
9	NORMAL MOVEOUT CORRECTION	
10	STACK 24 FOLD	
5A	AGC GATE 200	
5B	SPECTRAL WHITENING	
11	GAP DECONVOLUTION GAP WATER DEPTH	
12	MUTE AT WATER DEPTH	
13	BANDPASS FILTER	
	TIME:	BANDPASS:
	0 - 1000 MS	30/45 -180/200
14	VERTICAL STACK 3 TO 1	
15	DISPLAY	
	TRACES PER INCH:	50
	VERTICAL SCALE:	8 INCHES / SEC
	DISPLAY DATE:	DECEMBER. 1988



USERNAME: HARDING PLOT JOBID: 44 G: 1 C: 1 DATE: 29-DEC-88 15:12
RMS = 0.26030E+08 GAIN = 1.00000 JOB NO. 13 LINE L15
PROJECT :PUGET DATA(1000MS @ 1. SAMPLES)
POLARITY :NORMAL - POSITIVE INCLUDING ZERO SAMPLES
SECOND AVERAGE USING 4 WINDOWS OVER ENTIRE TRACE

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