PLATE 3

OPEN-FILE REPORT 88-698

PUGET SOUND SEISMIC-REFLECTION SURVEY
1987

UNITED STATES GEOLOGICAL SURVEY
PUGET SOUND
LINE: 3
FINAL STACK

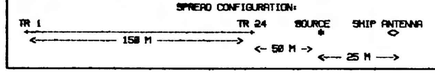
NORTHWEST

PROCESSED BY: USGS
BRANCH OF GEOLOGIC RISK ASSESSMENT
LINE 3
LAKE WASHINGTON, SEATTLE, WA

RECORDING PARAMETERS

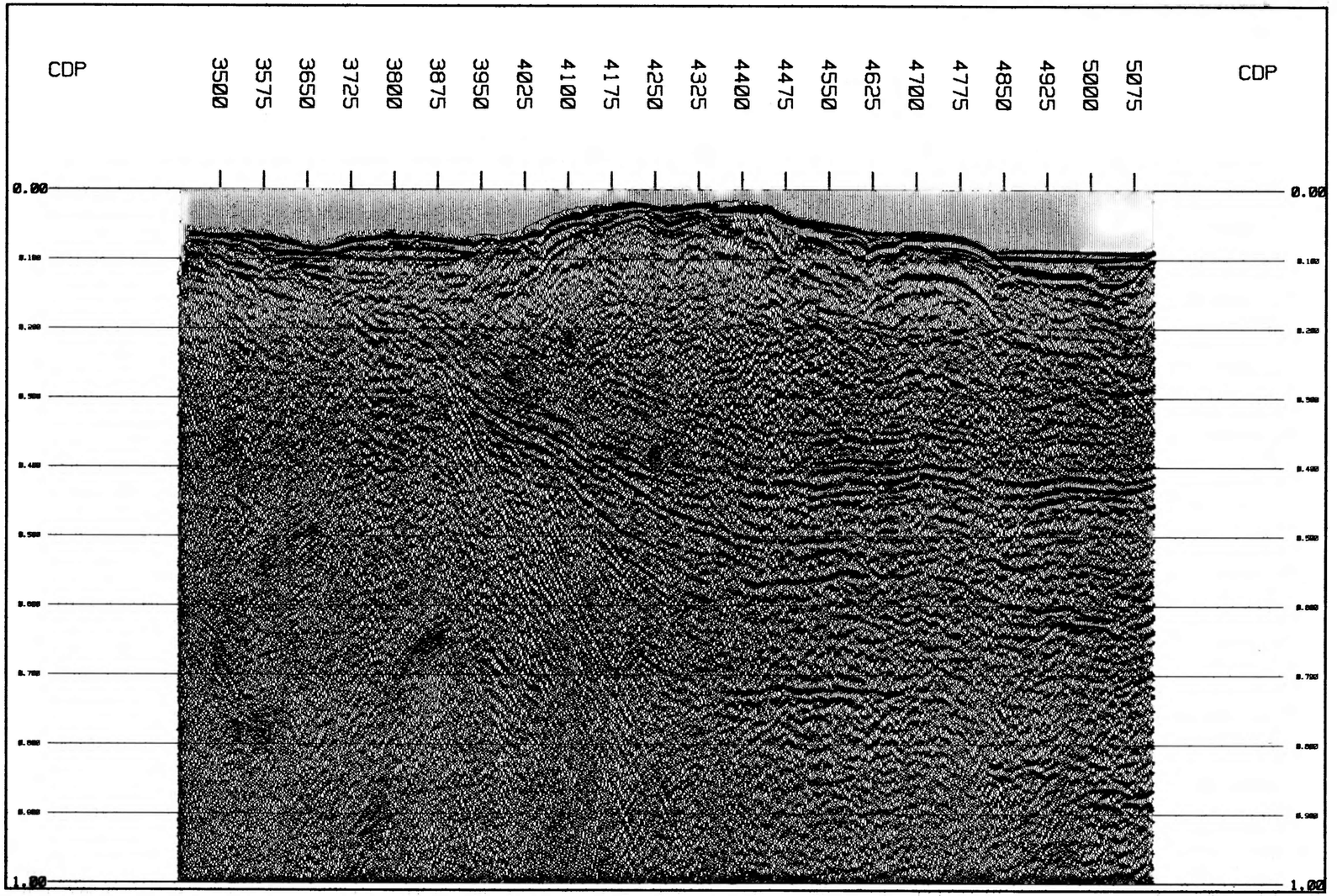
RECORDED BY:	USGS	DATE RECORDED:	28-APRIL-1987
VESSEL:	M/V REDOUBT		
PRIMARY NAV.:	LORAN C	SECONDARY NAV.:	GPS
INSTRUMENT TYPE:	DFS-V	SAMPLE RATE:	1.0 MS
TYPE OF SOURCE:	WATER GUN	GUN OPERATING DEPTH:	3 METERS
TOT. GUN VOL.:	15 CU. INCHES		
TAPE FORMAT:	SEG-B 1600 BPI		
NO. OF CHANNELS:	24	SOURCE INTERVAL:	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:	250 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	
6	VELOCITY ANALYSIS	
7	AGC GATE 200 MS	
8	SPECTRAL WHITENING	
9	PRELIMINARY STACK	
10	FIRST BREAK NOISE SUPPRESSION (MUTE)	
11	NORMAL MOVEOUT CORRECTION	
12	STACK 12 FOLD	
13	BANDPASS FILTER	
	TIME:	BANDPASS:
	0 - 2000 MS	30/45 -180/200
14	VERTICAL STACK 3 TO 1	
15	DISPLAY	
	TRACES PER INCH:	50
	VERTICAL SCALE:	8 INCHES / SEC
	DISPLAY DATE:	OCTOBER, 1988



USERNAME: HARDING PLOT JOBID: 10 G: 1 C: 1 DATE: 29-DEC-88 15:18
RMS = 0.80655E+08 GAIN = 1.00000 LINE L3
PROJECT :PUGET JOB NO. 15
POLARITY NORMAL - POSITIVE DATA(2000MS @ 1. SAMPLES)
SECOND AVERAGE USING 4 WINDOWS OVER ENTIRE TRACE INCLUDING ZERO SAMPLES

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