PLATE 8

OPEN-FILE REPORT 88-698

PUGET SOUND SEISMIC-REFLECTION SURVEY
1987

UNITED STATES GEOLOGICAL SURVEY
STRAIT OF JUAN DE FUCA
LINE: 8
FINAL STACK

EAST →

PROCESSED BY: USGS
BRANCH OF GEOLOGIC RISK ASSESSMENT
LINE 8
DECEPTION PASS TO PORT ANGELES

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:	250 HZ.	NEAR TRACE #:	24
SLOPE:	72 DB/OCTAVE		
60 HZ NOTCH:	OUT	FOLD:	12

SPREAD CONFIGURATION:

TR 1 ... TR 24 SOURCE SHIP ANTENNA
<— 150 M —> <— 50 M —> <— 25 M —>

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:	OCTOBER. 1988