Open-File Report 88-398

PLATE 6

DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

GLIMPCE 1986

UNITED STATES GEOLOGICAL SURVEY

&

GEOLOGICAL SURVEY OF CANADA

LAKE MICHIGAN
LINE: H
FINAL STACK

SOUTHWEST

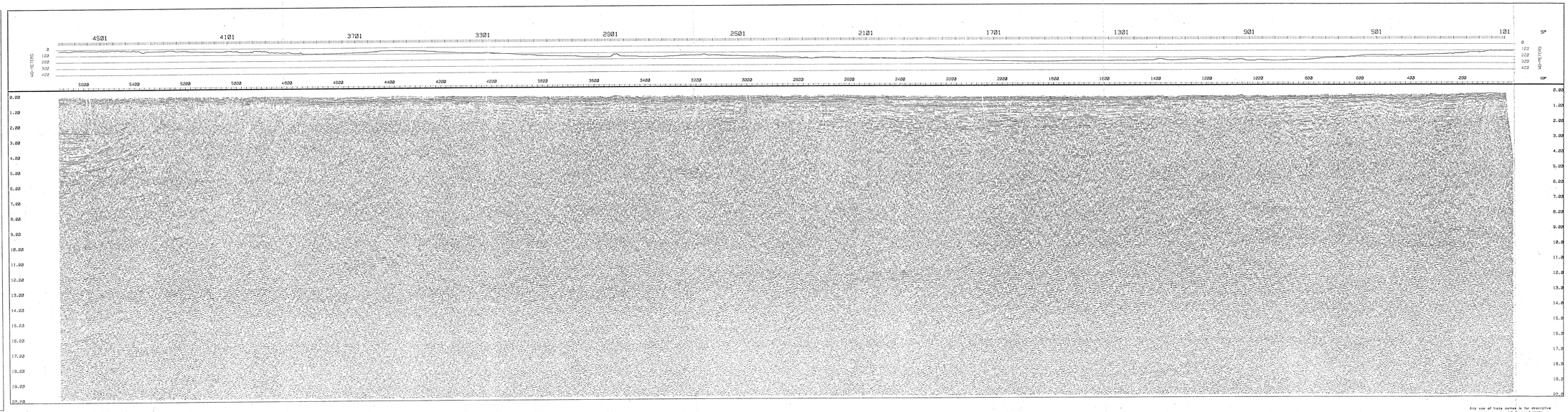
PROCESSED BY: U.S.G.S.
BRANCH OF PACIFIC MARINE GEOLOGY
GEOPHYSICS GROUP

RECORDING PARAMETERS

RECORDED BY:	U.S.G.S. & NRCC	DATE RECORDED:	JULY-SEPT.1986
VESSEL NAME:	SEDCO 710	SEISMIC VESSEL:	SAME
	SEISMIC SYSTEM	SEISMIC MFG.:	GEOTECH
STATION NUMBER:	1-8		4 STRM
STATION DATE:	1-8 JANUARY	DATE SURVEYED:	SEPT.
TOW SPEED:	4.5 KNOTS	TOW DEPTH:	3 M
SHOT INTERVAL:	10 SEC	SHOT DEPTH:	3 M
RECORD LENGTH:	10 SEC	RECORD FORMAT:	SEG-A
SEISMIC SOURCE:	80 CU.IN.	SOURCE DEPTH:	3 M
			SEG-A
RECORD FORMAT:	SEG-A	SAMPLE RATE:	2 MSEC
GAIN:	FIXED	FILTER:	24 DB/OCT
NO. OF TRACES:	24		
	SPREAD CONFIGURATION		
	1		
	24		

PROCESSING SEQUENCE

PRE-PROCESSING	DIGITIZATION
	DATA REFORMAT
	GEOMETRY DATA REMOVAL
	RECORDING DELAY CORRECTION
	TRACE EDITING
	ASSIGNMENT TO 2 D FILE
	ASSIGNMENT TO 3 D FILE
	FIRST BREAK MUTE OF SHOT GATHERS
	TRACE MIX
	FILTER LENGTH: 75 MSECS
	FILTER WINDOW: 75 MSECS
	MIDPOINT BINNING: 4.5 M BIN-SPACE
2	CDP SORT
	SHOT / RECEIVER DATA
3-16	ADJUSTMENT TO SOURCE
	SHOT LOCATION: 1.000 MS
CDP 11	ADJUSTMENT TO
12	RECEIVER STATION
	MULTIPLE SUPPRESSION IN CDP GATHERS
	TYPE: DIGITAL
	RANGE: DRAFT 100 - 300/20 MS
13	NORMAL MOVEOUT CORRECTION
14	FIRST ATTENUATION OF MULTIPLE REFLECTIONS (MUTES)
15	RADIOMETRIC SCALING/FILTERING
	TYPE:
	OPERATOR LENGTH: 10 MSECS
	OPERATOR WINDOW: 10 MSECS
	TYPE WINDOW: A - HAMM
	TYPE WINDOW: B - HAMM
	OPERATOR LENGTH: 10 MSECS
	TYPE WINDOW: RANGE: 1-1000
	TYPE WINDOW: RANGE: 1000 - 2000
	OPERATOR LENGTH: 10 MSECS
	TYPE WINDOW: RANGE: 2000 - 3000
	OPERATOR LENGTH: 10 MSECS
16	SPECTRAL FILTER
	TYPE: BANDPASS
	FILTER:
	1 - 3000 MS A - 20/30 -
	RANGE: RANGE: A - 20/30 -
	3000 - 6000 MS B - 20/30
17	POST-BOMB SCALING/FILTERING
	TYPE:
	OPERATOR LENGTH: 10 MSECS
	TYPE WINDOW: A - BLACK-CASSEL
	TYPE WINDOW: B - HAMM
	OPERATOR LENGTH: 10 MSECS
18	CDP STACK
	ADJUSTMENT TO SOURCE
19	ADJUSTMENT TO RECEIVER STATION
20	POST-STACK FILTERING
	TYPE:
	OPERATOR LENGTH: 10 MSECS
	TYPE WINDOW: A - BLACK-CASSEL
	TYPE WINDOW: B - HAMM
	OPERATOR LENGTH: 10 MSECS
21	CDP STACK
	ADJUSTMENT TO SOURCE
22	ADJUSTMENT TO RECEIVER STATION
23	POST-STACK FILTERING
	TYPE:
	OPERATOR LENGTH: 10 MSECS
	TYPE WINDOW: A - BLACK-CASSEL
	TYPE WINDOW: B - HAMM
	OPERATOR LENGTH: 10 MSECS
24	CDP STACK
	ADJUSTMENT TO SOURCE
25	ADJUSTMENT TO RECEIVER STATION
26	POST-STACK FILTERING
	TYPE:
	OPERATOR LENGTH: 10 MSECS
	TYPE WINDOW: A - BLACK-CASSEL
	TYPE WINDOW: B - HAMM
	OPERATOR LENGTH: 10 MSECS
27	DISPLAY
	SAMPLE RATE: 2 MSEC
	DISPLAY SCALE: 10 INCHES / SEC
	DISPLAY DATE: APRIL 4, 1988



Any use of trade names is for descriptive purposes only and does not imply endorsement by the U.S. Geological Survey