DEPT. OF THE INTERIOR
U. S. GEOLOGICAL SURVEY
PACIFIC-ARCTIC BRANCH OF MARINE GEOLOGY

LINE 85-1980 CRUISE LOCATION: LEE-6
VESSEL: L.T. LEE
DATE: 21 - 1979
DEPTH: 21 — 46

RECORDING PARAMETERS

- SHIP'S NATIONAL ZONE(MS): FIRST-MS
- SHIP'S WEST BOX-DEPTH: 0
- SHIP'S WEST BOX-DELAY: 0
- MAT PORTS-POSITION: 19.88 (LITERS)
- MAGNETICS PRESENT: ALL - NO
- SHIP'S SPEED: 5.0 KNOTS - SHOT SPACING: 50 m
- CHANNEL ASSIGNMENTS:

CHANNEL	CHANNEL	CHANNEL	CHANNEL
1	2	3	4
1980	1980	1980	1980

- GROUP SPACING: 200 m - AVER. STA. DEPTH: 12 m
- GROUP LENGTH: 200 m - PRIMARY-CAUTOF: 20.
- GAPTIE (CONTINUITY OF FIXED AND VARIABLE WORK BOXES)
- CONTROL SHOT: 1 - SHOT INTERVAL: 50 m
- SAMPLE INTERVAL: .5 ms - RECORD LENGTH: 6 sec
- USE RECORDING FILTER: 3 (FREQ) - 50 (FREQ) Hz
- SHIP'S SPEED: 5.0 KN
- NAVIGATION: DISTANCE
- PRIMARY NAVIGATION: SATELLITE, LORAN C, DOPPLER
- SHIP'S TIME
- CORRECTION REQUIRED: NONE

PROCESSING PARAMETERS

- DATA PROCESSED: 79-12-18
- CHOICE TO 3 TRACE AND BPI: DECIMATE TO 4 MSEC
  - DECIMATE TO 4 MSEC AND BPI: 1600
  - PRESERVE 10 HZ WHITE NOISE: NO
- CHP SORT FOR VELOCITY ANALYSIS
- TIME-VARIANT FILTER:
  - WINDOW LENGTH: 50 ms
  - WINDOW INTERVAL: 25 ms
  - FILTER SPECIFICATIONS: 40-80Hz 40/80
- AGC-CORRECTION (APPLIED)
- CHAN 21 - MULS SUM
- CHAN 22 - MULS SUM (MAGNETIC TRIM EMPLOYED)
  - NO. % STACKED ALLOWED IN SUM:
- TRIM-SUM TESTS
  - TRIM-SUM (APPLIED)
  - CORRECTION SUMS (AS CONTRIBUTION
  - WINDOW WIDTH (ms): 5000
  - WINDOW INTERVAL: 500 ms - AVER. WITH
  - CREATED CHANNEL: 500 ms - OUT PT: NO

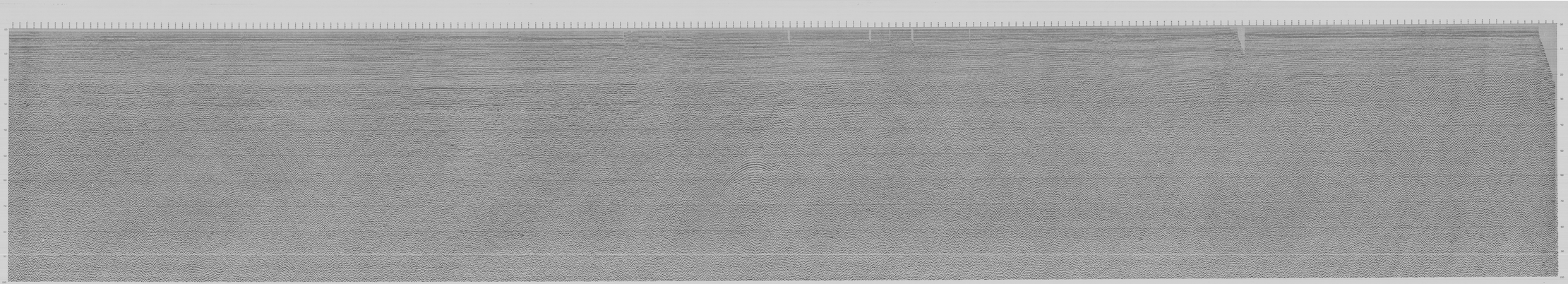
- TRIM-SUM (APPLIED): 5 MSEC - 10 CHTS
- DECIMATION: NO TO
- DECIMATION: DECIMATION CHOICE DEPENDENCIES
- TIME-SHIFTS (ms): 0
- TIME-SHIFTS (ms): 0 - ALL STATIONS
  - CLIENT DO CMP STARTING WITH CMP 47
- DECIMATION TO BYGOOD AGO: 20 (SECONDS)

PLOT PARAMETERS

- PLOTTER DO SCALE: 22.00 (SECTION)
- PLOTTER DO SCALE: 1.00 (SECTION)
- PLOTTER DO BETWEEN SECTIONS: 0
  - TRACE OVERLAPS
- PLOTTER DO SCALE: 1.00 (SECTION)
  - CONTROL SCALE WINDOW: 2.00
  - CONTROL BIAS WINDOW: 2.00 ms

DATA ARE IN THE NARROW FORM OF THE SEGY FORMAT STANDARD (REV JAN 1975) WITH
TRACE HEADERS ARE IN THE SEGY FORMAT STANDARD (REV JAN 1975) WITH

PROCESSED BY U.S. GEOLOGICAL SURVEY MS-1980 BY: W.S. BARCLAY, R.A. COOPER, D.L. SMITH AND T.E. CHASE



DEPT. OF THE INTERIOR
U.S. GEOLOGICAL SURVEY
PACIFIC-ARCTIC BRANCH OF MARINE GEOLOGY