

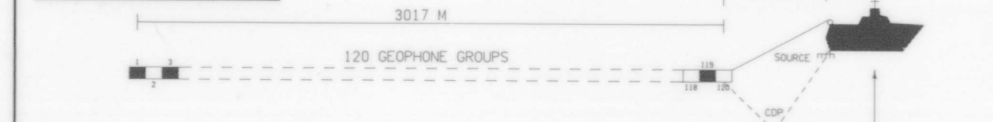
LINE LP85-01 & LP85-01A
S.P. 101 TO 741, 774 TO 2877

PACIFIC GEOSCIENCE CENTRE
WEST COAST VANCOUVER ISLAND

MIGRATED STACK

FIELD DATA

VESSEL: W/V EDWARD G. VETTER
 SHIP BY: G.S.C.
 DATE SHOT: MAY 1985
 INVESTIGATION: SEISMOLOGY - OCEANIC
 DATA TYPE: SECONDARY REFLECTION
 RECORDING SYSTEM: SEG 8 GAPPED
 RECORDING FORMAT: SEG 8 G.P. 1
 RECORDING DENSITY: 1500 G.P. 1
 RECORDING LENGTH / SAMPLE PERIOD: 15.0 SEC / 4 MSEC
 GAIN CONTROL: WOB
 MAIN LINE/STATION/SHOT GAIN: 20/1/10
 RECORDING FILTERS: LSA CUT 1/2 @ 18 DB/OCTAVE
 HIGH CUT 1/2 @ 18 DB/OCTAVE
 NORMAL: TUNED AIRGUN ARRAY (4 ELEMENTS)
 TUNED AIRGUN ARRAY (4 ELEMENTS)
 - 80 GUNS IN 1/2 SEC DELAY
 - 10 METRES / 1/2 MSEC DELAY
 AVERAGE SOURCE DEPTH: 300 METRES / 10 METRES
 CABLE LENGTH/ANG DEPTH: 10
 NUMBER OF GROUPS: 10
 GEOPHONES PER GROUP/SPACING: 10 / ACCELERATION CANCELLING
 NORMAL GROUP INTERVAL: 25 METRES
 SHOTPOINT INTERVAL: 50 METRES
 MULTIFOLD: 50 FOLD
 AVERAGE NEAR GROUP OFFSET: 250 METRES
 PARAMETER: 50000 / 1400 M/SEC / DRAFT CORRECTED

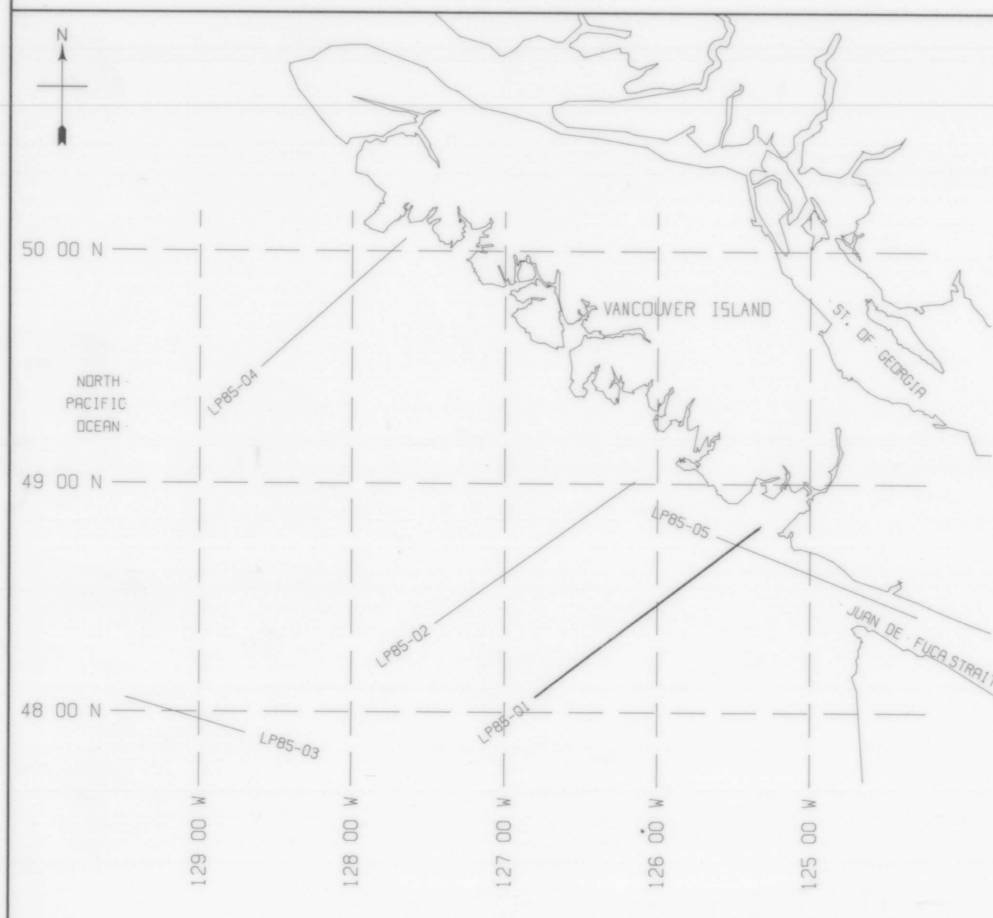


DIGITAL PROCESSING

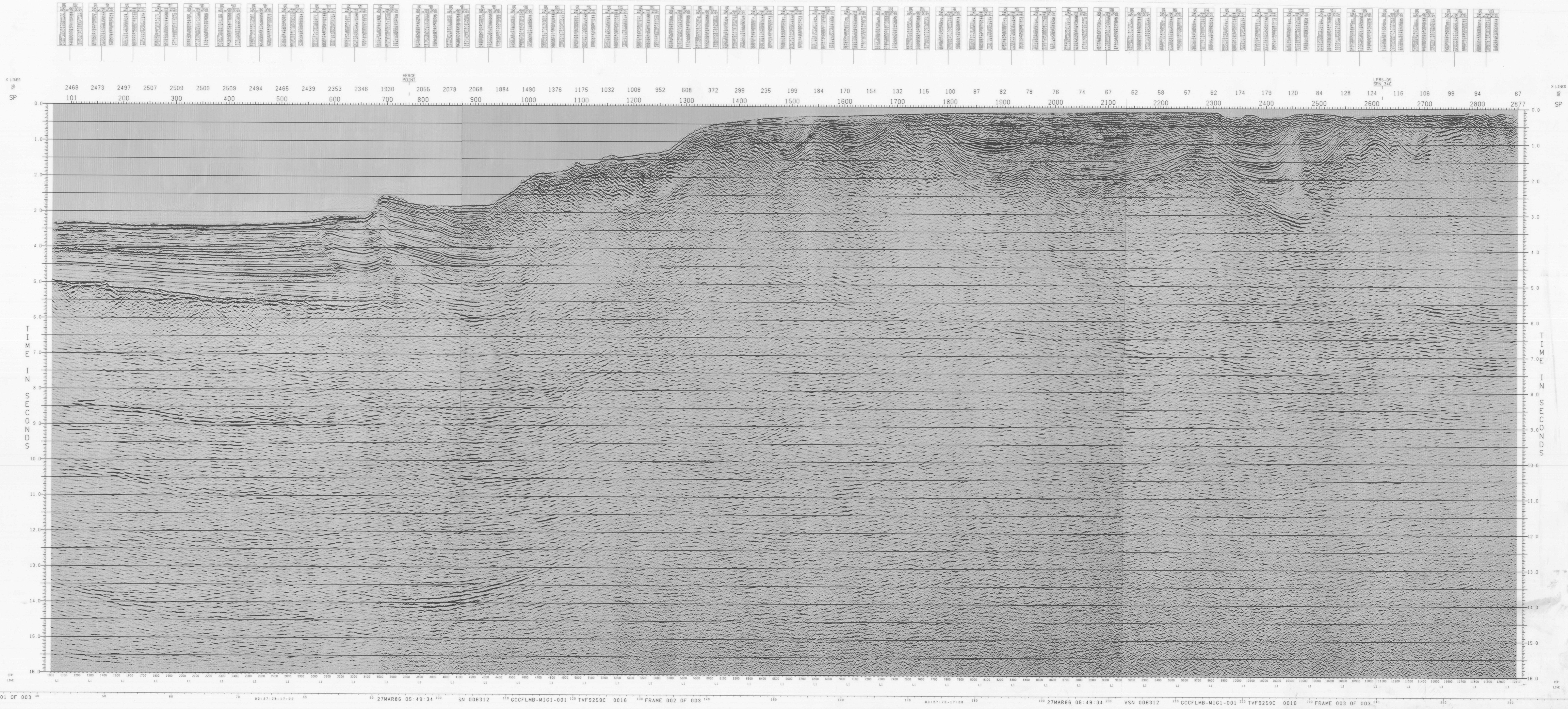
DEMULTIPLEX: PROCESSED TO 10.0 S.
 SAMPLE: 4 SEC TO 8 MSEC (TWIN PHASE)
 TIME AMPLITUDE RECOVERY: 2.0 DB/OCTAVE FROM 5 TO 10.0 SEC
 PRE-DECONVOLUTION MUSIC: MUFFLING OF FIRST BREAK ENERGY
 VELOCITY FILTER (1 SHOT DOMAIN): 100 FOLD - 4.0 TO 10.0 M/SEC
 DESIGNATURE (1 SHOT DOMAIN): STANDARD MARINE MODE
 EQUALIZATION: DESIGN AND APPLICATION OF FILTER
 MULTIFOLD: WATER BOTTOM AND WIGGLES MULTIPLE ATTENUATION
 DECONVOLUTION: DATUM - WATER BOTTOM
 VELOCITY ANALYSIS: VELOCITY EVERY 1 KM FOR STACK FUNCTION
 - LAST 8 SECONDS OF DATA: STACK FUNCTION DERIVED FROM REFRACTION DATA
 - 100 FOLD: 100 FOLD ACHIEVED ON FAR TRACE AT 4.0 SEC
 TRADE OFF: 90 FOLD / 100 FOLD VELOCITY POWER
 COMMON DEPTH POINT STACK: 1 - 20 OPERATOR GAIN - 20 / 10000 MSEC
 DECONVOLUTION: AUTOMATIC START/STOP TIME 20 / 10000 MSEC
 DIPPED: DIPPING - WATER BOTTOM
 MIGRATION: DIPPING - 30 DEGREES
 TIME/SPACE VARIANT FILTER: DIPPING - 30 DEGREES
 TIME/SPACE VARIANT DISPLAY GAIN: EVERY THIRD TRACE DISPLAYED ONLY

DISPLAY

HORIZONTAL SCALE: 40.0 TR/IN 20.000000 TR/KM
 VERTICAL SCALE: 1.075000 IN / SEC
 POLARITY: -NVA/NORMAL 0.0 PERCENT
 TRACE TYPE: BEAK - SEA LEVEL
 DISPLAY UNIT: 0.000000 CM



PACIFIC GEOSCIENCE CENTRE - LITHOPROBE WEST 1985
 27 MAR 1985 05 35 00 PARTY 64080
 GEOPHYSICAL SERVICE INC.
 (A DIVISION OF TEXAS INSTRUMENTS INC.)
 PROCESSING CHECKED BY: [Signature]



VSN 006312 15 GCCFLMB-MIG1-001 20 TVF9259C 0016 30 FRAME 001 OF 003 40
 03 27 18 17 02 80 27MARR86 05 49 34 100 SN 006312 15 GCCFLMB-MIG1-001 20 TVF9259C 0016 30 FRAME 002 OF 003 140
 03 27 18 17 08 180 27MARR86 05 49 34 200 VSN 006312 25 GCCFLMB-MIG1-001 20 TVF9259C 0016 30 FRAME 003 OF 003 240

OF1661
P2

LINE LP85-01 & LP85-01A
S.P. 101 TO 741, 774 TO 2877