

MARINE GEOPHYSICAL AND GEOLOGICAL SURVEYS OF THE FRASER DELTA SLOPE AND ADJACENT STRAIT OF GEORGIA: 1991 GEOPHYSICAL SURVEY TRACKLINES AND 1983-1992 CORE LOCATIONS

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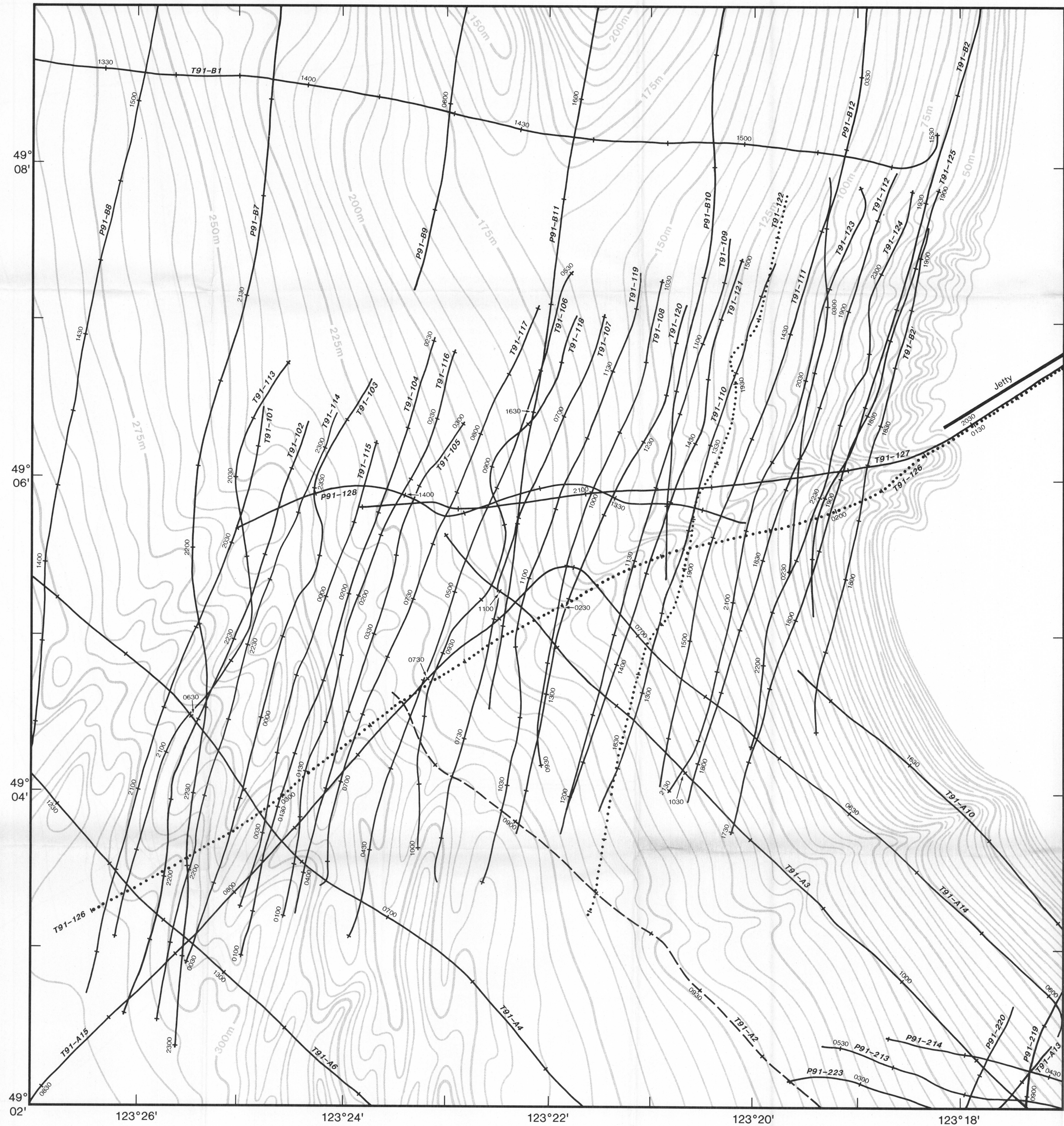
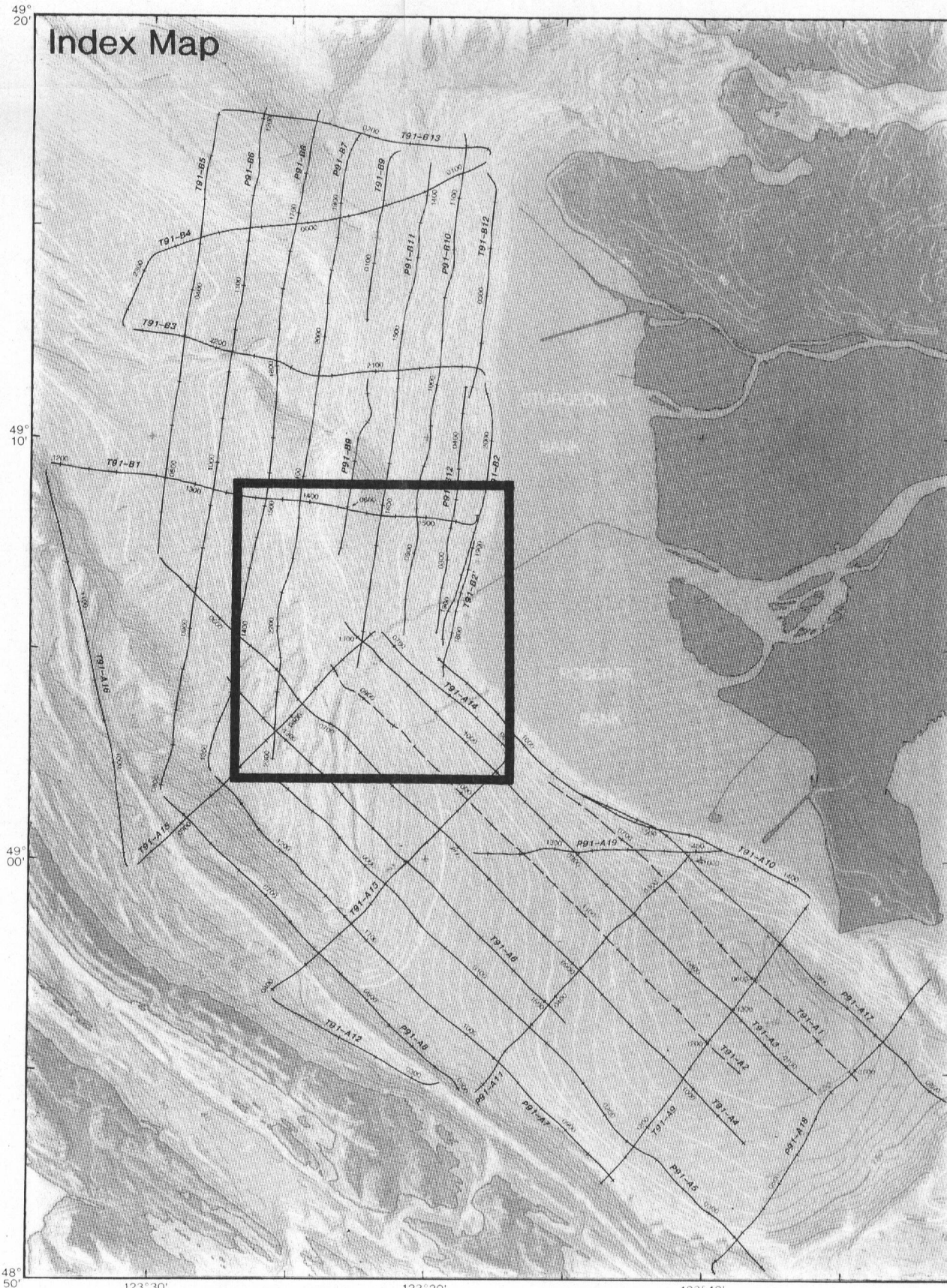
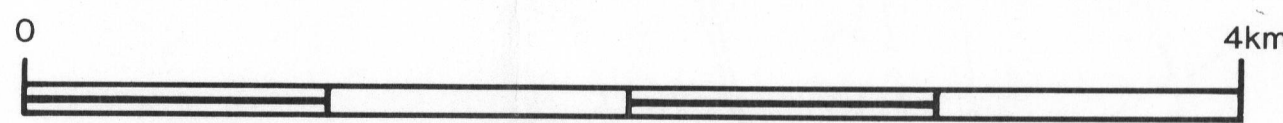
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This map illustrates the detailed grid of approximately 230 km of geophysical lines that were surveyed seaward of the Main Arm of the Fraser River during cruise PGC91-01 (C.S.S. Tully, February 9-15, 1991). Also shown is the location of survey lines from the regional grid (PGC91-01 and PGC91-04) which cross this area. Data acquired include: a) Hunttec Deep Tow Seismic high-resolution sub-bottom profiles with internal and external hydrophones both filtered at 700 Hz - 10 kHz, and analogue records produced on EPC 4800 and 4100 recorders respectively, b) 100 kHz side-scan sonar imagery recorded on a Klein 595 recorder, corrected for ship's speed and slant range, with a range of 150 m per channel, c) 12 kHz bathymetry. Hunttec and side-scan sonar data were both recorded in analogue format on 8-track tape. Ship's survey speed was typically 3-4 knots. Navigation data on PGC91-01 were collected with Internav 408 Loran C and Magnavox 4400 GPS receivers.

- Sidescan sonar
- Hunttec DTS high resolution seismic profiler
- Sidescan sonar, Hunttec DTS
- P91-A5 Vessel, year-line number
- 0000 Time (GMT)
- Vessel Abbreviation
- P CSS Parizeau
- T CSS Tully

Cartography by R. Franklin and B. Sawyer
Transverse Mercator Projection



Copies of this map may be obtained from Island Blue Print Co. Ltd. 905 Fort Street, Victoria, B.C. V8V 3K3

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