

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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This map illustrates the detailed grid of approximately 375 km of geophysical lines that were surveyed seaward of the south-central portion of Roberts Bank during cruise PGC91-04 (C.S.S. Parizeau, May 13-24, 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 200 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 PGC91-04 were collected with Internav 408 Loran C and Magnavox 4400 and Trimble Pathfinder GPS receivers.

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

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

