

Map metadata including title 'BAY OF FUNDY, SHEET 7', scale '1:500,000', projection 'Universal Transverse Mercator', and author information 'B.J. Todd, J. Shaw, D.B. Parsons, J.E. Hughes Clark, D. Cartwright, and S.E. Hayward'.

DESCRIPTIVE NOTES

INTRODUCTION: The Bay of Fundy located on the east coast of Canada... BACKSCATTER DISTRIBUTION: The backscatter strength data shown on this map... MULTIBEAM SONAR SURVEYS: The Canadian Hydrographic Service and the Geological Survey of Canada conducted multibeam sonar surveys in the Bay of Fundy from 1992 to 2009.

ACKNOWLEDGMENTS

B. MacGowan, M. Langrish and J. Griffin of the Canadian Hydrographic Service (CHS) organized the multibeam sonar surveys of the Bay of Fundy and oversaw data processing.

REFERENCES

Ames, C.L., Buckley, D.E., Daborn, G.R., Darynski, R.W., McCann, S.B., and Riel, M.: 1986. Geomorphology and sedimentology of the Bay of Fundy. Geological Association of Canada, Paper 76, 23-32.

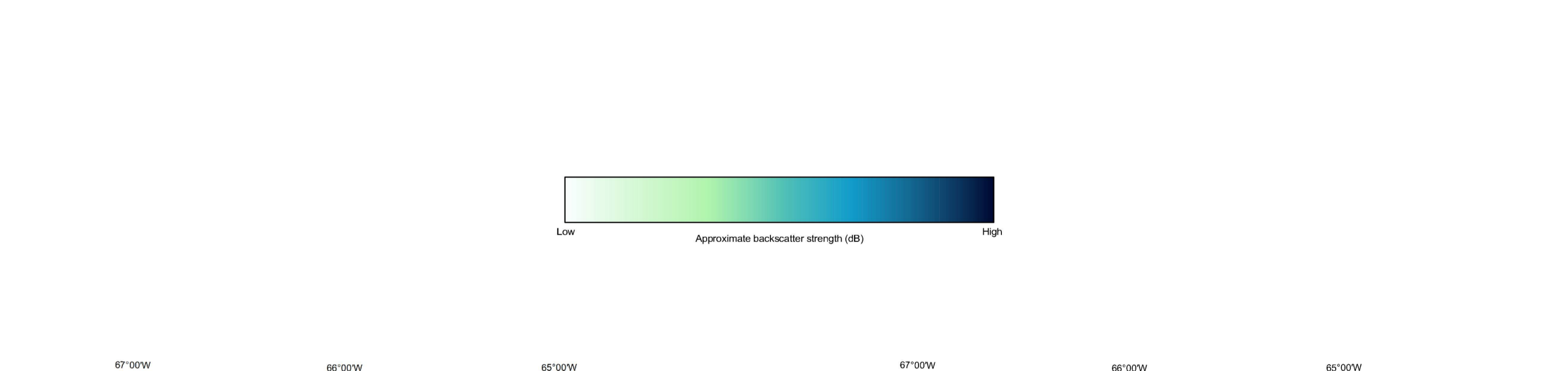


Figure 1. Location map showing the survey area in the Bay of Fundy. Sheet 7 (outlined in red) is in western Bay of Fundy between Grand Manan Island to the south and Passamaquoddy Bay to the north.

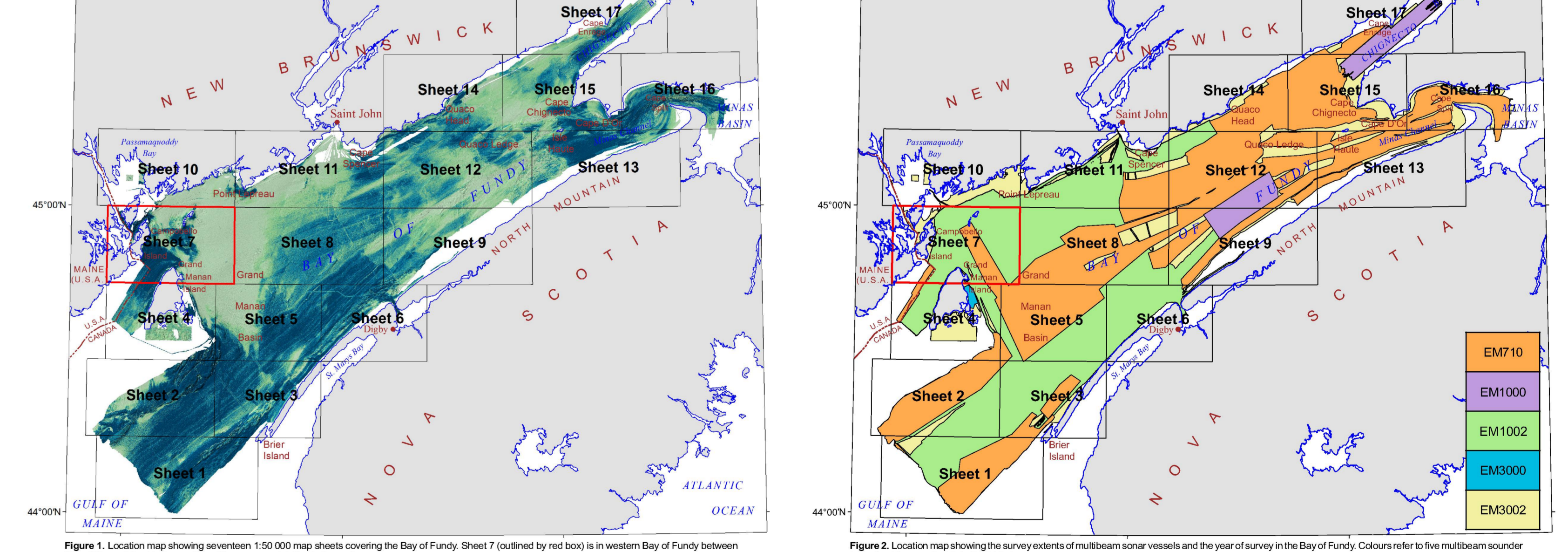


Figure 2. Location map showing the survey dates of multibeam sonar vessels in the Bay of Fundy. Colours refer to the multibeam sonar types and frequencies listed in Table 1.

Table 1: Bay of Fundy survey years, vessel names, multibeam sonar types, and frequencies. Columns include Year, Vessel, Multibeam sonar, and Frequency (kHz).

Table 1. Bay of Fundy survey years, vessel names, multibeam sonar types, and frequencies of operation listed from D. Cartwright (1992) and S.E. Hayward et al. (2009). Note that all multibeam sonar are manufactured by Kongsberg. Colour refers to the multibeam sonar used on each cruise in the Bay of Fundy.

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