Hydrographic surveys

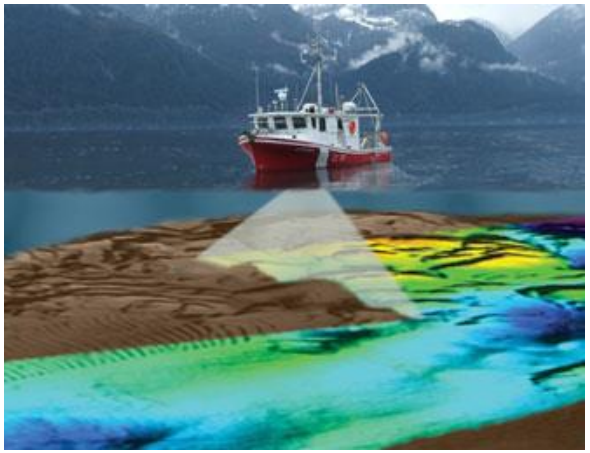
Dates: April to December
Recurrence: Annually
Location: St. Lawrence River and Gulf of Saint Lawrence

Context

The Canadian Hydrographic Service is a world leader in hydrography. This science consists of measuring and describing the characteristics of the seabed and the depth of waters, with the main aim of ensuring navigation safety.

Objectives

1. Carry out bathymetric surveys using modern technologies;
2. Maintain a national network of tide gauges to measure and disseminate data on water levels; and
3. Produce nautical charts, sailing instructions, tide and current tables, navigational warnings and notices to mariners.



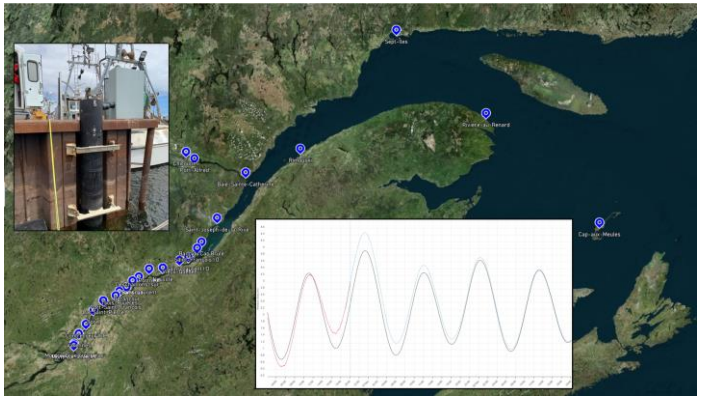
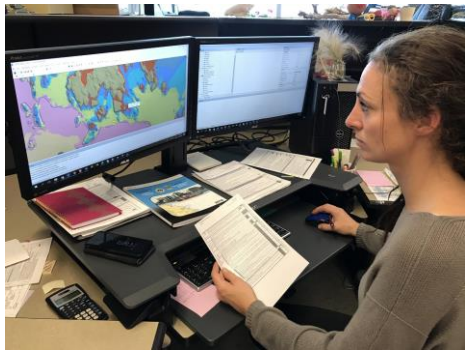



Figure 1: Distribution of water level recorders