

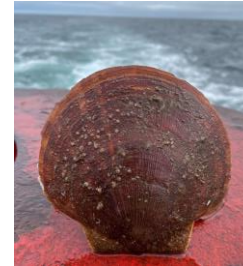
Scientific surveys of scallops in Minganie and the Magdalen Islands

Dates: May-june and august

Recurrence: Annual or bi-annual, since 1987

Location: Minganie and Magdalen Islands

Vessel: CCGS *Leim*



Description

Scientific surveys provide relative abundance indices for the two species of scallops exploited on the North Shore (in May-june) and in the Magdalen Islands (in august), mainly the Iceland scallop (*Chlamys islandica*) in Minganie and the giant scallop (*Placopecten magellanicus*) in the Magdalen Islands. In addition, abundance and biomass data for other species caught with the Digby dredge are recorded. Finally, environmental data are also collected. These data are integrated into stock assessments, reports on the status of exploited stocks and scientific publications. Each year, 118 fixed stations in Minganie and 62 random stations in the Magdalen Islands are sampled.

Objectives

1. Assessment of abundance, biomass and condition of scallop populations;
2. Assessment of environmental conditions;
3. Assessment of abundance and biomass of other species harvested (biodiversity); and
4. Collection of samples for various research projects.

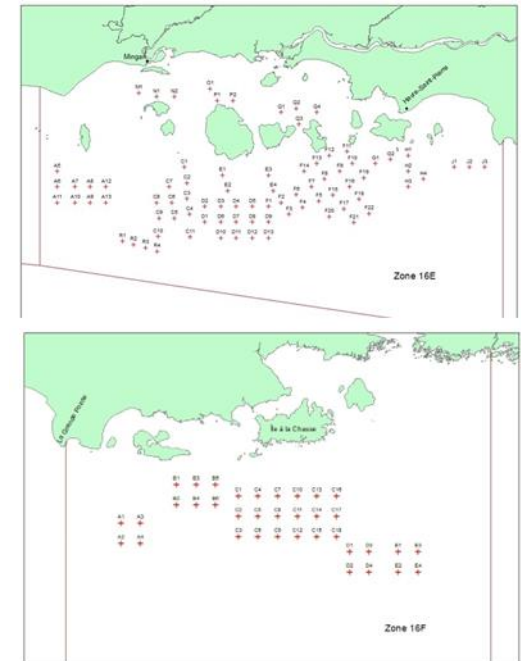


Figure 1: Stations sampled during Iceland scallop surveys in areas 16E and 16F.

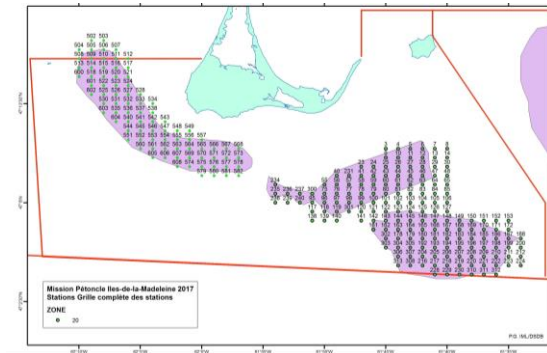


Figure 2 : The 62 stations randomly selected during the giant scallop survey in zone 20A in the Magdalen Islands.