

Station Name:

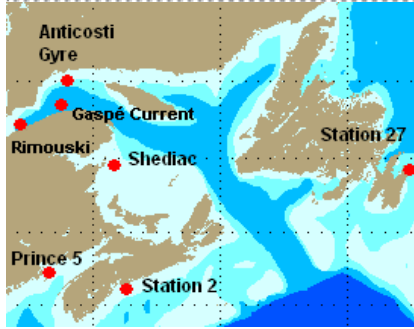
Atlantic Zone Monitoring Program

(Mainly biology and physics program, carbon measurements rare limited to one station and one section)

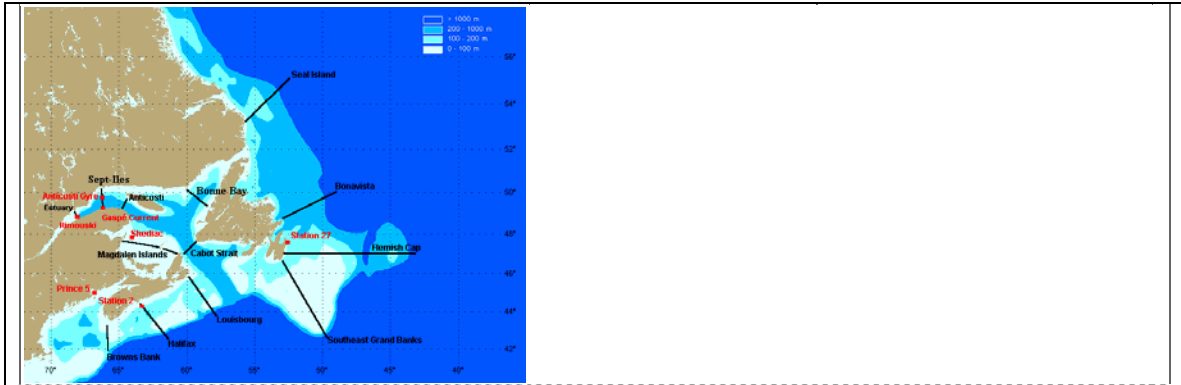
Type of Station (moored / ship-based) and Location (geographic region / latitude and longitude coordinates):

Stations (ship based, Station2-Carioca bouy)

Latitude (°N)	Longitude (°W)	Station name	View station history since
47.55	52.59	Station 27	1946-
44.93	66.85	Prince 5	1924-
44.27	63.32	Station 2	1936-
47.78	64.03	Shediac	1947-
49.72	66.25	Anticosti Gyre	1946-
49.24	66.20	Gaspé Current	1947-
48.67	68.58	Rimouski	1974-

**Sections**

Longitude range (°W)	Latitude range (°N)	Section name
52.97 - 49.00	48.73 - 50.00	Bonavista
52.83 - 43.00	47.00 - 47.00	Flemish Cap
55.65 - 52.50	53.23 - 55.07	Seal Island
52.93 - 49.52	46.58 - 42.40	South East Grand Banks
63.46 - 61.40	44.40 - 42.53	Halifax Line
59.85 - 57.53	45.83 - 43.47	Louisbourg Line
65.48 - 65.35	43.25 - 41.82	Browns Bank
60.22 - 59.34	46.96 - 47.58	Cabot Strait
59.93 - 58.49	50.09 - 49.33	Bonne Bay
64.80 - 64.42	49.22 - 49.67	Anticosti
68.49 - 68.75	48.58 - 48.83	Estuary
66.20 - 66.28	49.24 - 50.05	Sept-Îles
64.25 - 61.00	47.83 - 46.75	Îles-de-la-Madeleine



**Carbon and biogeochemistry measurements at the station
(indicate the frequency of observations, the year measurements began, and if they are surface / full water column, etc.):**

1. Carbon: Halifax line since 2006, once a year (full water column)
2. Carbon: station 2, CARIOCA buoy since 2007 (surface)
3. Biogeochemistry including temperature, salinity, dissolved oxygen, fluorescence, chlorophyll *a*, nutrients, plankton for all the stations and sections, full water column, started different years, twice (spring and fall) a year for sections, every two weeks at station 2

Principle Investigators / Contact Points:

Glen Harrison, Brian Petrie (biogeochemistry, physics – Scotian Shelf)
 Michel Starr, Peter Galbraith (biogeochemistry, physics – Gulf of St Lawrence)
 Pierre Pepin, Eugene Colbourne ((biogeochemistry, physics – Newfoundland Shelf)
 Kumiko Azetsu-Scott (Carbon, Halifax line) BIO
 Helmuth Thomas (Carbon, Station 2) Dalhousie Univ.

Affiliation of this station with national, regional, or global research programs and process studies:

Department of Fisheries and Oceans, Canada.

1. Bedford Institute of Oceanography, Nova Scotia
2. Maurice Lamontagne Institute, Quebec
3. Northwest Atlantic Fisheries Centre, Newfoundland

Dalhousie Univ.

Web-site or links to other information:

http://www.meds-sdmm.dfo-mpo.gc.ca/zmp/main_zmp_e.html