

SOOP Report for 2012

Canada

<p>Programme description: ISDM (from Fisheries and Oceans Canada) transmits XBTs from Canadian Navy on the GTS. The sampling performed by the Canadian Navy ships varies with time. Some transects are repeated every year and sometimes coincide or line up approximately with SOOP lines. Fisheries and Oceans Canada also operates line sampling programmes in waters around Canada, though these are not part of international SOOP lines. Only sampling which resulted in BATHYs or TESACs sent on the GTS is described in the table.</p>			
Line	Agency	Sampling programme and target mode (if applicable)	No. of ships
SOOP PX39	Royal Canadian Navy	North Pacific Sampling – no target (once in 2012)	1
SOOP PX37	Royal Canadian Navy	North Pacific Sampling – no target (once in 2012)	1
Bonavista	Fisheries and Oceans Canada	Canadian Atlantic Zone Monitoring Program, research vessels – 4/year target (3 times in 2012)	2
Flemish Cap	Fisheries and Oceans Canada	Canadian Atlantic Zone Monitoring Program, research vessels – 4/year target (3 times in 2012)	2
Seal Island	Fisheries and Oceans Canada	Canadian Atlantic Zone Monitoring Program, research vessels – 4/year target (twice in 2012)	2
South East Grand Banks	Fisheries and Oceans Canada	Canadian Atlantic Zone Monitoring Program, research vessels – 4/year target (twice in 2012)	2
Halifax	Fisheries and Oceans Canada	Canadian Atlantic Zone Monitoring/Off-Shelf Monitoring Program, research vessels – 4/year target (once in 2012)	1
Louisbourg	Fisheries and Oceans Canada	Canadian Atlantic Zone Monitoring Program, research vessels – 4/year target (once in 2012)	1
Beachy Island	Fisheries and Oceans Canada	Newfoundland Region Annual Sampling – 1/year (once in 2012)	1
Makkovik Bank	Fisheries and Oceans Canada	Newfoundland Region Annual Sampling – 1/year (once in 2012)	1

AR7W	Fisheries and Oceans Canada	Canadian Labrador Sea Monitoring Program, research vessel – twice in 2012 [formerly a WOCE line]	2
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b. Data management		
Agency	No. of JJVV messages on the GTS in 2012	Location of delayed-mode data
Fisheries and Oceans Canada (ISDM)	908 JJVV (from 3 known Canadian Coast Guard / research ships and several anonymous small research ships and /or Canadian Navy ships)	ISDM, US-NODC
c. Major challenges and difficulties:		
Increasing data volume in other programs requires increasing efforts to visually quality control the data and report on ship performance overall		

d. Research / development / testing:

e. Other comments:

Many of the BATHY reports are from the Canadian Navy ships, but the ships are not identified individually.