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ATLANTIC GEOSCIENCE CENTRE
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AN INDEX TO SAMPLES AND GEOPHYSICAL RECORDS COLLECTED BY THE ATLANTIC GEOSCIENCE CENTRE FOR FISCAL YEAR 1990-1991

GSC Project 303067

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*** Geological Survey of Canada Contribution No.

TITLE: AN INDEX TO SAMPLES AND GEOPHYSICAL RECORDS COLLECTED BY THE ATLANTIC GEOSCIENCE CENTRE FOR FISCAL YEAR 1990-1991

ABSTRACT: DURING THE 1990-1991 FISCAL YEAR, 21 SAMPLING PROGRAMS COLLECTED MARINE SEDIMENT SAMPLES FROM MORE THAN 728 STATIONS WITH AN ESTIMATED RECOVERY OF MORE THAN 2115 METRES OF SEDIMENT CORE TOGETHER WITH SOME 226596 LINE KILOMETRES OF ASSOCIATED GEOPHYSICAL RECORDS.

INTRODUCTION:

Since the 1960's the Atlantic Geoscience Centre (AGC) has been a Division of the Geological Survey of Canada, a Branch of Energy, Mines and Resources Canada (EMR) responsible for conducting the geological and geophysical research offshore from the International Border in the Gulf of Maine to marine areas of the Arctic Archipelago, the Arctic Ocean and the Beaufort Sea. AGC is housed at the Bedford Institute of Oceanography (BIO) at Dartmouth, Nova Scotia. It is at this location that dredge, grab, core and other marine geological samples together with the archival, operational and historical recordings routinely collected each year by or for staff, are maintained.

These data and sample collections obtained during surveys onboard government oceanographic/hydrographic vessels off the east coast of Canada, the high Arctic and from other related Geological Survey of Canada field parties, constitute a fundamental resource for future geoscientific research in Canada. This responsibility is provided by the Program Support Subdivision (PSS), at AGC.

Since the Centre's inception, more than 400 survey programs have been conducted off eastern Canada and in the high Arctic, representing an area of more than 1.6 million square miles together with 11,129 nautical miles (4697.7km2) of coastline.

During 1990/1991, 18 offshore sampling and 3 onshore field programs (Appendix 1) collected samples from more than 728 stations with an estimated recovery of more than 2115 metres of core, 329 grabs together with 26596 line kilometres of multichannel seismic, deep penetration seismic and high resolution seismic reflection, sonobuoy refraction, gravity, magnetic, sidescan sonar and bathymetry records. This is the seventh index since 1984 summarizing the AGC field acquisitions which can be accessed by the scientific community, educational institutions, associations and industry through the GSC Publications Office, 601 Booth St., Ottawa or at AGC Curation, BIO.

1990/1991 Cruise station information has also been submitted to the National Geophysical Data Centre (NGDC) in Boulder, Colorado, USA for inclusion with the Worldwide Marine Geological Data Base. This is an interactive inventory information data base on marine sediment and hard rock samples collected from the ocean floor worldwide.

DATA ACQUISITION

The information gathered together for this index has been primarily derived from cruise field sheets and digital information managed on microcomputer based software (mainly dBase III plus) that is directly linked with the BIO inhouse Oracle based system, SAD. This data is transported directly after data verification. Data Section of the Program Support group provides the software support for the input/output, editing and reporting on behalf of the Curation facility. Direct downloading provides both immediate inventory control of incoming samples/records, data information on all subsampling activity at any time during the cruise and later onshore in the lab as well as a summary of cruise/field activity for the collector. More than 40 GSC projects were either directly or indirectly affected by the field programs conducted during this past field season.

A moratorium for a minimum of two years for data access is recognized by AGC Curation from the date of field or cruise termination for those programs acquiring samples and/or records collected by the private sector, but curated on their behalf at the Atlantic Geoscience Centre. This also applies to direct access to collected AGC data. After two years, most record/samples can be accessed without the permission of the

original collector.

All curation data is routinely updated from the time of initial data entry in the field or in the lab. In general, all processing and subsampling of curated sediment holdings must be approved prior to accessing the sample material. Record data is similarily updated for inventory control. These systems have provided the necessary means for promoting easy access and enhancement of the data acquired at the Centre on a routine basis.

SAMPLE DATA REQUESTS

Requests for AGC/GSC sample and record availability should be directed to the Curator, Atlantic Geoscience Centre, Bedford Institute of Oceanography, P.O. Box 1006, Dartmouth, Nova Scotia, Canada B2Y 4A2. Requests for plots of the sample(s) and record locations within specified boundaries can also be directed to Curation, Program Support Subdivision, Atlantic Geoscience Centre, at the above address or phone (902) 426-9783/3410.

APPENDIX 1

Cruise Number	Vessel	Chief Scientist	Dates	Cruise Purpose
90001	Creed	G.Fader EMG,AGC	Feb.7-11,1990	To test nearshore suitability of vessel for geol/geophysics; bottom sample/photo Halifax Harbour for cleanup session;
90002	Dawson	D.Piper EMG,AGC	April 5-12,1990	Seismic correlation shelf edge and continental rise on West Scotian slope;
90007	Hudson	P.Mudie EMG,AGC	May 7-27,1990	Joint MUN,C-Core AGC cruise to Orphan Knoll sea-mounts and SW Nfld rise/slope; potential future ODP sites;
90010	Navicula	G.Fader EMG,AGC	May 22-June 8,1990	Survey Halifax Harbour to complete regional mapping project;
90013	Hudson	J.Shaw EMG,AGC	May 29-June 22,1990	Seismostrat. inner northeast Nfld. shelf
90015	Hudson	D.Piper EMG,AGC	July 10-Aug.2,1990	Survey St. Pierre slope Verrill canyon, Scotian Shelf
90017	Baffin	H.Josenhans EMG,AGC	Sept.17- Oct.6,1990	Seismostrat. survey off Belcher Is. Hudson Bay

90019	Hudson	I.Reid RR,AGC	Aug.10 -29,1990	
90021	Dawson	R.Parrott EMG,AGC	Aug.16-Sept.6,1990	Seismostrat. and ROV observ. of iceberg pits and scours, Hibernia site and delta;
90023	Hudson	B.MacLean EMG,AGC	Sept.18 - Oct.22,1990	To obtain glacial and climatic history Late Quaternary Hudson Strait/ Ungava Bay
90024	Baffin	H.Josenhans EMG,AGC	Oct.8-12,1990	Seismstrat. survey off Belcher Is. Hudson Bay
90028A	Hudson	D.Buckley EMG,AGC	Oct. 27,1990	Halifax Harbour survey
90028	Hudson	H.Josenhans EMG,AGC	Oct.30-Nov.17,1990	Ground truth seismostrat. sections Gulf St.Lawrence
90029	Baffin	B.Loncarevic RR,AGC	Oct.31-Dec.5,1990	Bathymetry/mag. survey,Scotian Shelf
90031	Hudson	G.Vilks EMG,AGC	Nov.18-Dec.6,1990	Survey Gulf St.Lawrence for late glacial/ postglacial history
90035	Navicula	J.Shaw EMG,AGC	July 23-Aug.24,1990	Evaluate placer potent. northeast Nfld.

90038	Navicula	R.Miller EMG,AGC	Oct.1-27,1990	Survey inner shelf near Country Harbour, NS (MDA 3agreem't)
90041	Baffin	B.Loncarevic	April 24-28,1990 RR,AGC	Evaluation Mag.Heading Corrections St. John's
90200	Ice Island	A.Wooler Plymouth Polytech Inst. UK	February,1990	East Ellef Ringes Is. High Arctic
90301B	M/V F.G. Creed	D.Forbes EMG,AGC	February,1990	Grabs off Devil's I. Halifax,Har.
90302	onshore	P.Hill for D.Forbes EMG,AGC	August,1990	Pushcores Richards I.,Pipeline Harbour,
90400	M/V Pholas	H.Christian EMG,AGC	April 27-May 5,1990	Geotechnical Borehole Program with Lasmo N.S.Ltd. on Sable Island Bank
90500	R/V Cape Hatteras	G.Fader EMG,AGC	July 23-Aug. 11,1990	Joint cruise with the University of Maine to sample Gulf of Maine

CRUISE NUMBERS	TRACK DISTANCES (KMS.)	(N.M.)
90002	1476.4	797.2
90007	4931.8	2662.9
90010	420.7	227.2
90013	2879.3	1554.7
90015	2984.3	1611.4
90021	2450.4	1323.1
90023	2939.5	1587.2
90024	856.7	462.6
90028	2907.1	1569.7
90031	3397.7	1834.6
90035	444.7	240.1
90038	266.9	144.1
90301B	81.6	44.0
CREED90 001	125.4	67.7

SAMPLES

90001

90001

SAMPLE LØCATIØNS - CREED90.
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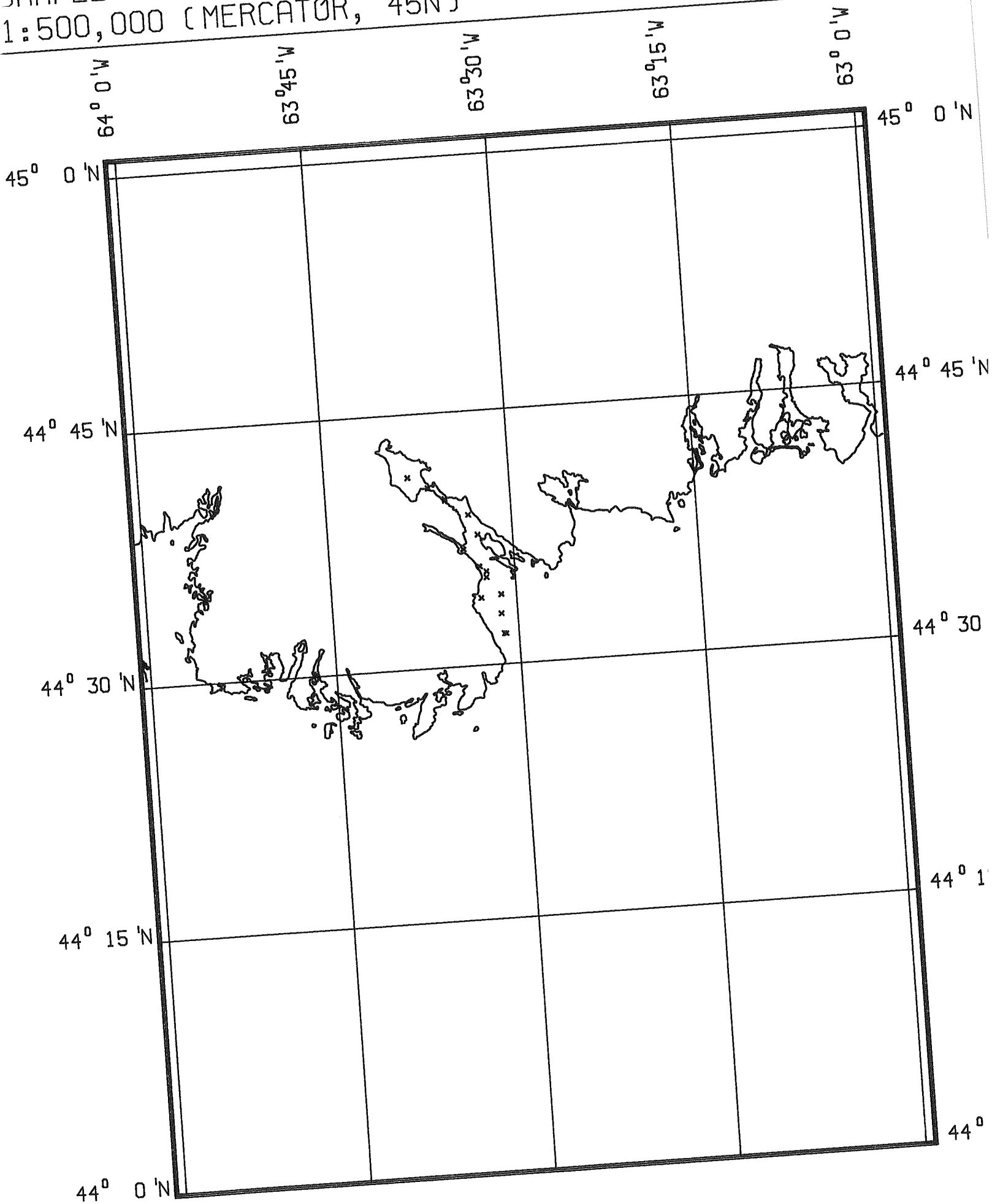

90001

CRUISE - CREED90 SCIENTIST / VESSEL - R.O. MILLER / MV F.G. CREED

STATION	LATITUDE	LONGITUDE	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)	GEOGRAPHIC AREA
001	44.53033	-63.51983	44	42	1425	CAMERA	UMEL		OUTER REACHES OF HALIFAX HARBOUR
002	44.52983	-63.51733	43	42	1448	GRAB	VAN VEEN		OUTER REACHES OF HALIFAX HARBOUR
003	44.54967	-63.52217	23	42	1522	CAMERA	UMEL		OUTER REACHES OF HALIFAX HARBOUR
004	44.54967	-63.52217	23	42	1511	GRAB	VAN VEEN		OUTER REACHES OF HALIFAX HARBOUR
005	44.56850	-63.52100	25	42	1546	CAMERA	UMEL		OUTER REACHES OF HALIFAX HARBOUR
006	44.56850	-63.52050	23	42	1603	GRAB	VAN VEEN		OUTER REACHES OF HALIFAX HARBOUR
007	44.56617	-63.54767	34	42	1659	CAMERA	UMEL		HERRING COVE, HALIFAX HARBOUR
008	44.56617	-63.54817	35	42	1643	GRAB	VAN VEEN		HERRING COVE, HALIFAX HARBOUR
009	44.58600	-63.53917	32	42	1721	CAMERA	UMEL		SANDWICH POINT, HALIFAX HARBOUR
010	44.58600	-63.53900	37	42	1735	GRAB	VAN VEEN		SANDWICH POINT, HALIFAX HARBOUR
011	44.59150	-63.53850	30	42	1804	CAMERA	UMEL		SANDWICH POINT, HALIFAX HARBOUR
012	44.59184	-63.53850	29	42	1750	GRAB	VAN VEEN		OFF YORK REDOUBT, HALIFAX HARBOUR
013	44.59733	-63.54817	30	42	1850	CAMERA	UMEL		OFF YORK REDOUBT, HALIFAX HARBOUR
014	44.59683	-63.54716	31	42	1903	GRAB	VAN VEEN		OFF YORK REDOUBT, HALIFAX HARBOUR
015	44.61517	-63.56833	15	42	2004	CAMERA	UMEL		NORTHWEST ARM, HALIFAX HARBOUR
016	44.61467	-63.56750	14	42	1928	GRAB	VAN VEEN		NORTHWEST ARM, HALIFAX HARBOUR
017	44.62833	-63.54716	11	42	2036	CAMERA	UMEL		IVES KNOLL, HALIFAX HARBOUR
018	44.62850	-63.54716	10	42	2057	GRAB	VAN VEEN		IVES KNOLL, HALIFAX HARBOUR
019	44.64833	-63.55833	24	42	2124	CAMERA	UMEL		NORTH OF GEORGES ISLAND, HALIFAX HARBOUR
020	44.64833	-63.55833	24	42	2113	GRAB	VAN VEEN		NORTH OF GEORGES ISLAND, HALIFAX HARBOUR
021	44.66533	-63.58833	21	42	2151	CAMERA	UMEL		OFF NAVY JETTY K, HALIFAX HARBOUR
022	44.66383	-63.58817	21	42	2204	GRAB	VAN VEEN		OFF NAVY JETTY K, HALIFAX HARBOUR
023	44.67717	-63.60983	23	42	2232	CAMERA	UMEL		NEW BRIDGE, HALIFAX HARBOUR
024	44.67683	-63.60966	24	42	2218	GRAB	VAN VEEN		NEW BRIDGE, HALIFAX HARBOUR
025	44.68850	-63.63617	71	42	2252	CAMERA	UMEL		BEDFORD BASIN
026	44.68817	-63.63667	71	42	2317	GRAB	VAN VEEN		BEDFORD BASIN

90002

SAMPLE LØCATIØNS - 90002.
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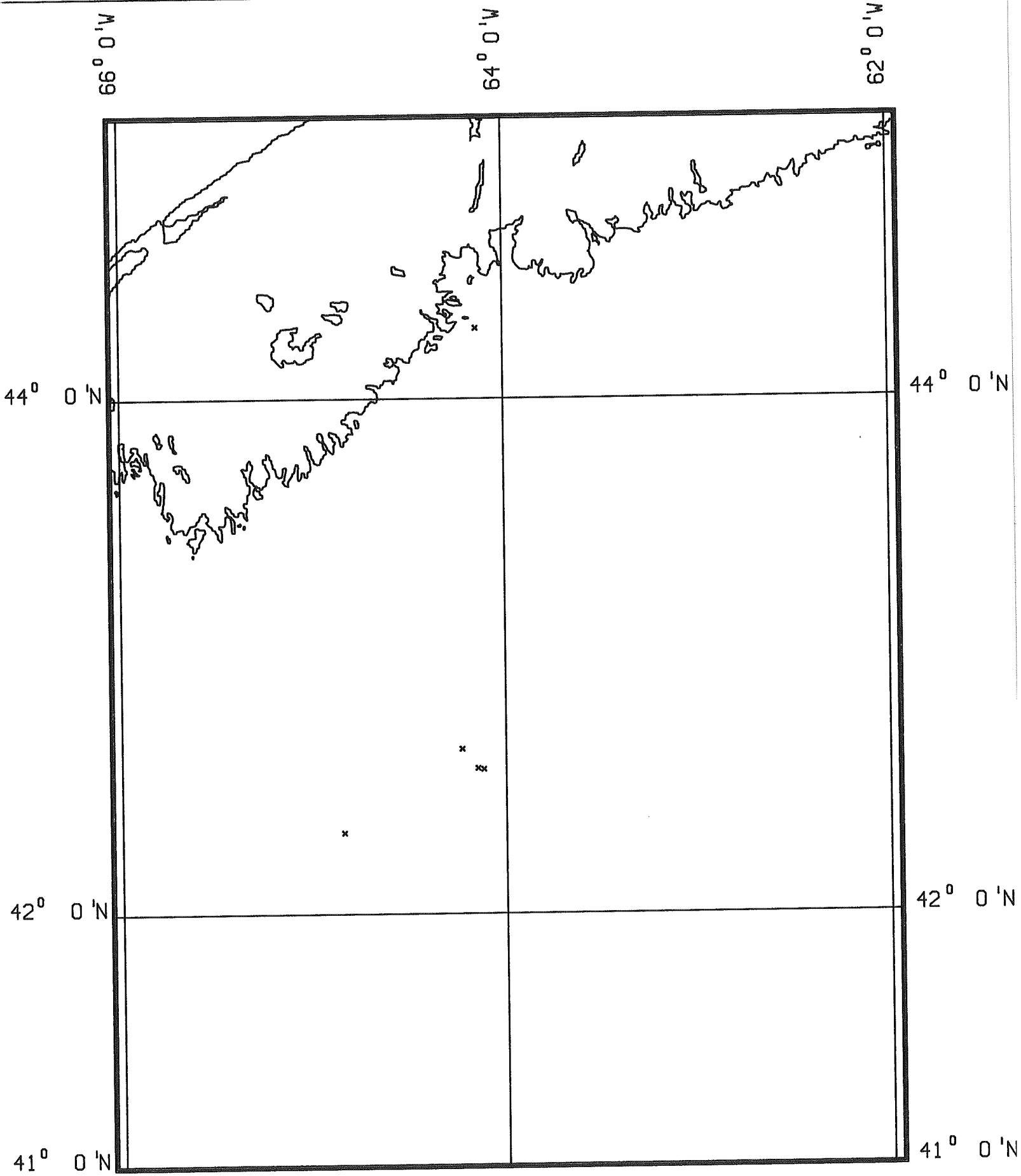

CRUISE - 90002 SCIENTIST / VESSEL - D.J.W. PIPER / CSS DAWSON

STATION	LATITUDE	LONGITUDE	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)	GEOGRAPHIC AREA
001	42.31967	-64.84783	1117	98	1911	CORE	BENTHOS PISTON	874	WEST SCOTIAN SLOPE
001	42.31967	-64.84783	1117	98	1911	CORE	TRIGGER WEIGHT	83	WEST SCOTIAN SLOPE
002	42.57050	-64.14733	1042	99	1225	CORE	BENTHOS PISTON	764	SCOTIAN SLOPE,NEAR MONTAGNAIS LEVEE DEP.
002	42.57050	-64.14733	1042	99	1225	CORE	TRIGGER WEIGHT	20	SCOTIAN SLOPE,NEAR MONTAGNAIS LEVEE DEP.
003	42.56667	-64.11667	1040	99	1413	CORE	BENTHOS PISTON	608	SCOTIAN SLOPE,NEAR MONTAGNAIS OVER BANK
003	42.56667	-64.11667	1040	99	1413	CORE	TRIGGER WEIGHT	50	SCOTIAN SLOPE,NEAR MONTAGNAIS OVER BANK
004	42.64633	-64.22884	629	100	1235	CORE	BENTHOS PISTON	722	SCOTIAN SLOPE,WEST LAHAVE CHANNEL
004	42.64633	-64.22884	629	100	1235	CORE	TRIGGER WEIGHT	92	SCOTIAN SLOPE,WEST LAHAVE CHANNEL
005	44.26783	-64.14167	71	102	1118	CORE	BENTHOS PISTON	451	OFF LUNENBURG
005	44.26783	-64.14167	71	102	1118	CORE	TRIGGER WEIGHT	13	OFF LUNENBURG

3677

90007

SAMPLE LØCATIØNS - 90007.
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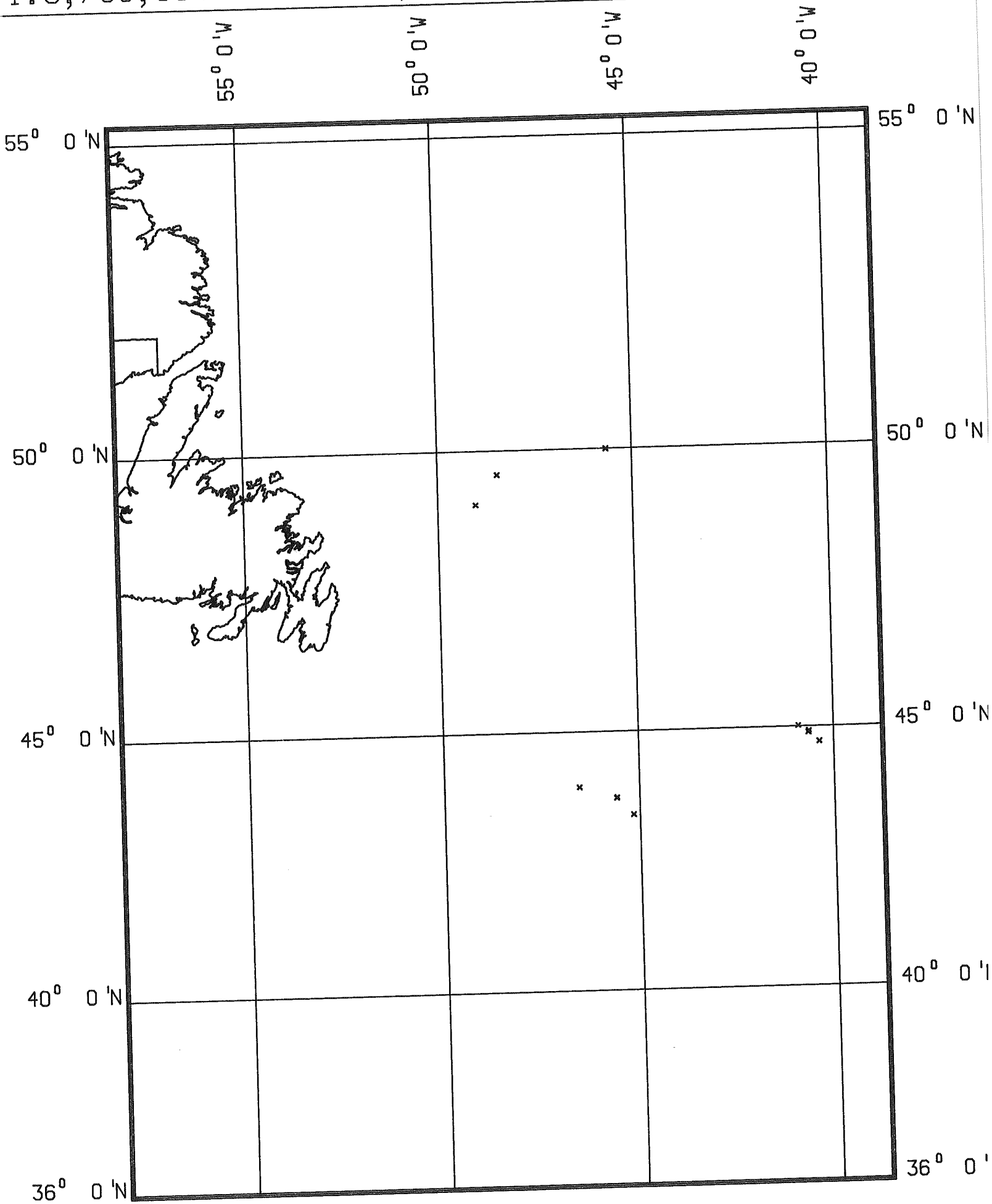

CRUISE - 90007 SCIENTIST / VESSEL - P.J. MUDIE / CSS HUDSON

STATION	LATITUDE	LONGITUDE	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)	GEOGRAPHIC AREA
001	43.96600	-46.55333	3645	131	1513	CORE	BOXCORE		SCREECH SEAMOUNT
002	43.96667	-46.55350	3645	131	1849	CORE	AGC LONG CORE	1945	SCREECH SEAMOUNT
002	43.96667	-46.55350	3645	131	1849	CORE	AGC LONG CORE	54	SCREECH SEAMOUNT
002	43.96667	-46.55350	3645	131	1849	CORE	TRIGGER WEIGHT	54	SCREECH SEAMOUNT
003	43.76433	-45.58700	3645	132	1501	CORE	BOXCORE		SCRUNCHEON SEAMOUNT, NFLD. BASIN
004	43.74917	-45.59600	3579	132	1935	CORE	AGC LONG CORE	443	SCRUNCHEON SEAMOUNT, NFLD. BASIN
004	43.74917	-45.59600	3579	132	1935	CORE	TRIGGER WEIGHT	0	SCRUNCHEON SEAMOUNT, NFLD. BASIN
005	43.42783	-45.17216	4091	133	1527	CORE	BOXCORE		DIPPER SEAMOUNT, NFLD. BASIN
006	43.42783	-45.17216	4182	133	1954	CORE	AGC LONG CORE	1057	DIPPER SEAMOUNT, NFLD. BASIN
006	43.42783	-45.17216	4182	133	1954	CORE	TRIGGER WEIGHT	0	DIPPER SEAMOUNT, NFLD. BASIN
007	44.91633	-40.63033	3524	135	1419	CORE	BOXCORE		MILNE SEAMOUNTS, NFLD. BASIN
008	44.88817	-40.64250	3522	135	1731	CORE	AGC LONG CORE	1133	MILNE SEAMOUNTS, NFLD. BASIN
008	44.88817	-40.64250	3522	135	1731	CORE	TRIGGER WEIGHT	120	MILNE SEAMOUNTS, NFLD. BASIN
009	44.71650	-40.36783	3548	136	1522	CORE	AGC LONG CORE	996	MILNE SEAMOUNTS, NFLD. BASIN
009	44.71650	-40.36783	3548	136	1522	CORE	TRIGGER WEIGHT	0	MILNE SEAMOUNTS, NFLD. BASIN
010	45.01200	-40.89650	1987	136	2256	CORE	BENTHOS GRAVITY	31	MILNE SEAMOUNTS, NFLD. BASIN
011	49.99767	-45.66100	2450	138	1317	CORE	BOXCORE		ORPHAN KNOLL
012	49.99434	-45.66767	2452	138	1643	CORE	AGC LONG CORE	708	ORPHAN KNOLL
012	49.99434	-45.66767	2452	138	1643	CORE	TRIGGER WEIGHT	116	ORPHAN KNOLL
014	49.08867	-49.02750	1829	144	1707	CORE	BOXCORE		NORTHEAST NFLD. SLOPE AREA
015	49.59400	-48.47066	2164	145	1541	CORE	AGC LONG CORE		NORTHEAST NFLD. SLOPE AREA
015	49.59400	-48.47066	2164	145	1541	CORE	TRIGGER WEIGHT	0	NORTHEAST NFLD. SLOPE AREA

665

90010

SAMPLE LØCATIØNS - 90010.
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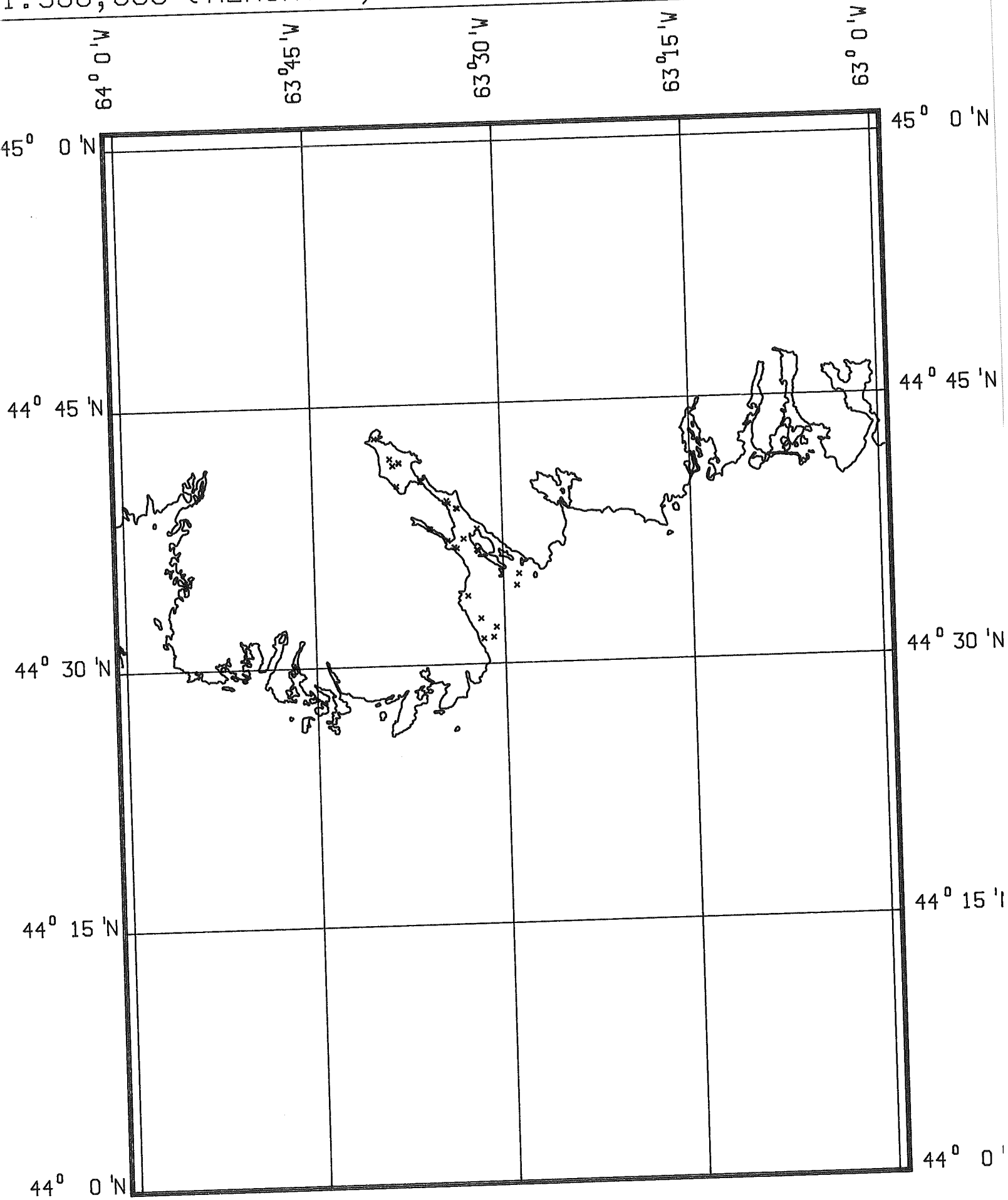

STATION	LATITUDE	LONGITUDE	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)	GEOGRAPHIC AREA
001	44.61133	-63.56067	15	148	1537	CAMERA	ROV PHANTOM HD		HALIFAX HARBOUR (N.W. ARM)
002	44.61250	-63.56367	55	148	1655	CAMERA	ROV PHANTOM HD		HALIFAX HARBOUR (N.W. ARM)
003	44.54367	-63.53117	38	148	1845	CAMERA	ROV PHANTOM HD		HALIFAX HARBOUR (OUTER HARBOUR)
004	44.52550	-63.51500	0	148	1947	CAMERA	ROV PHANTOM HD		HALIFAX HARBOUR (OUTER HARBOUR)
005	44.56550	-63.54767	32	149	1310	CAMERA	ROV PHANTOM HD		HALIFAX HARBOUR (OFF HERRING COVE)
006	44.63033	-63.59467	13	149	1725	CAMERA	ROV PHANTOM HD		HALIFAX HARBOUR (N.W. ARM)
007	44.61900	-63.57250	11	149	1819	CAMERA	ROV PHANTOM HD		HALIFAX HARBOUR (N.W. ARM)
008	44.64950	-63.55900	19	149	2013	CAMERA	ROV PHANTOM HD		HALIFAX HARBOUR (NORTH GEORGES ISLAND)
009	44.62050	-63.55150	27	150	1320	CAMERA	ROV PHANTOM HD		HALIFAX HARBOUR (OFF PLEASANT SHOAL)
010	44.65717	-63.57250	18	150	1520	CAMERA	ROV PHANTOM HD		HALIFAX HARBOUR (INNER HARBOUR)
010.1	44.65483	-63.57067	16	150	1600	CAMERA	ROV PHANTOM HD		HALIFAX HARBOUR (INNER HARBOUR)
011	44.67600	-63.60633	20	150	1710	CAMERA	ROV PHANTOM HD		HALIFAX HARBOUR (THE NARROWS)
012	44.67233	-63.63800	19	150	1930	CAMERA	ROV PHANTOM HD		BEDFORD BASIN
013	44.60833	-63.53267	17	156	1227	GRAB	ECKMAN		HALIFAX HARBOUR
014	44.60833	-63.53267	18	156	1253	CORE	LEHIGH	68	HALIFAX HARBOUR
015	44.69200	-63.64250	70	156	1718	GRAB	ECKMAN		BEDFORD BASIN
016	44.69200	-63.64250	70	156	1757	CORE	LEHIGH	134	BEDFORD BASIN
017	44.69417	-63.63417	67	156	1826	GRAB	ECKMAN		BEDFORD BASIN
018	44.69483	-63.63433	67	156	1841	CORE	LEHIGH	110	BEDFORD BASIN
019	44.60950	-63.53367	18	156	2030	GRAB	ECKMAN		HALIFAX HARBOUR
020	44.60950	-63.53400	18	156	2045	GRAB	ECKMAN		HALIFAX HARBOUR
021	44.52433	-63.52800	41	157	1326	GRAB	VAN VEEN		HALIFAX HARBOUR
022	44.53500	-63.51100	37	157	1357	GRAB	VAN VEEN		HALIFAX HARBOUR
023	44.58567	-63.47933	15	157	1443	GRAB	VAN VEEN		HALIFAX HARBOUR
024	44.57467	-63.48283	18	157	1454	GRAB	VAN VEEN		HALIFAX HARBOUR
025	44.63083	-63.59583	19	157	1553	GRAB	VAN VEEN		HALIFAX HARBOUR
026	44.62983	-63.53350	23	157	1639	GRAB	VAN VEEN		HALIFAX HARBOUR
027	44.64983	-63.56033	22	157	1706	GRAB	VAN VEEN		HALIFAX HARBOUR
028	44.67650	-63.60600	22	157	1748	GRAB	VAN VEEN		HALIFAX HARBOUR
029	44.71817	-63.66583	15	157	1824	GRAB	VAN VEEN		BEDFORD BAY
030	44.69850	-63.64617	69	157	1846	GRAB	VAN VEEN		BEDFORD BASIN

90013

SAMPLE LØCATIØNS - 90013.
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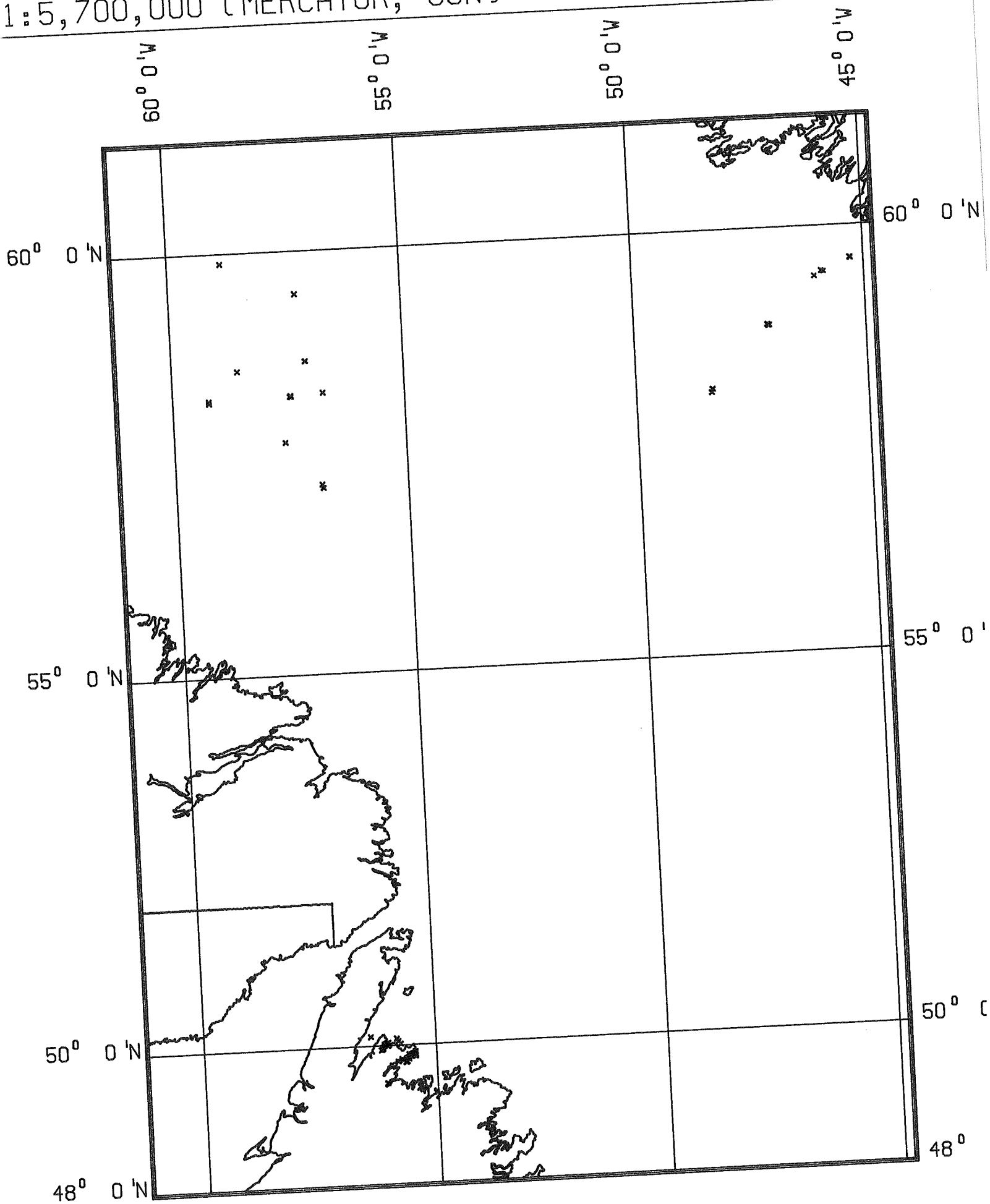


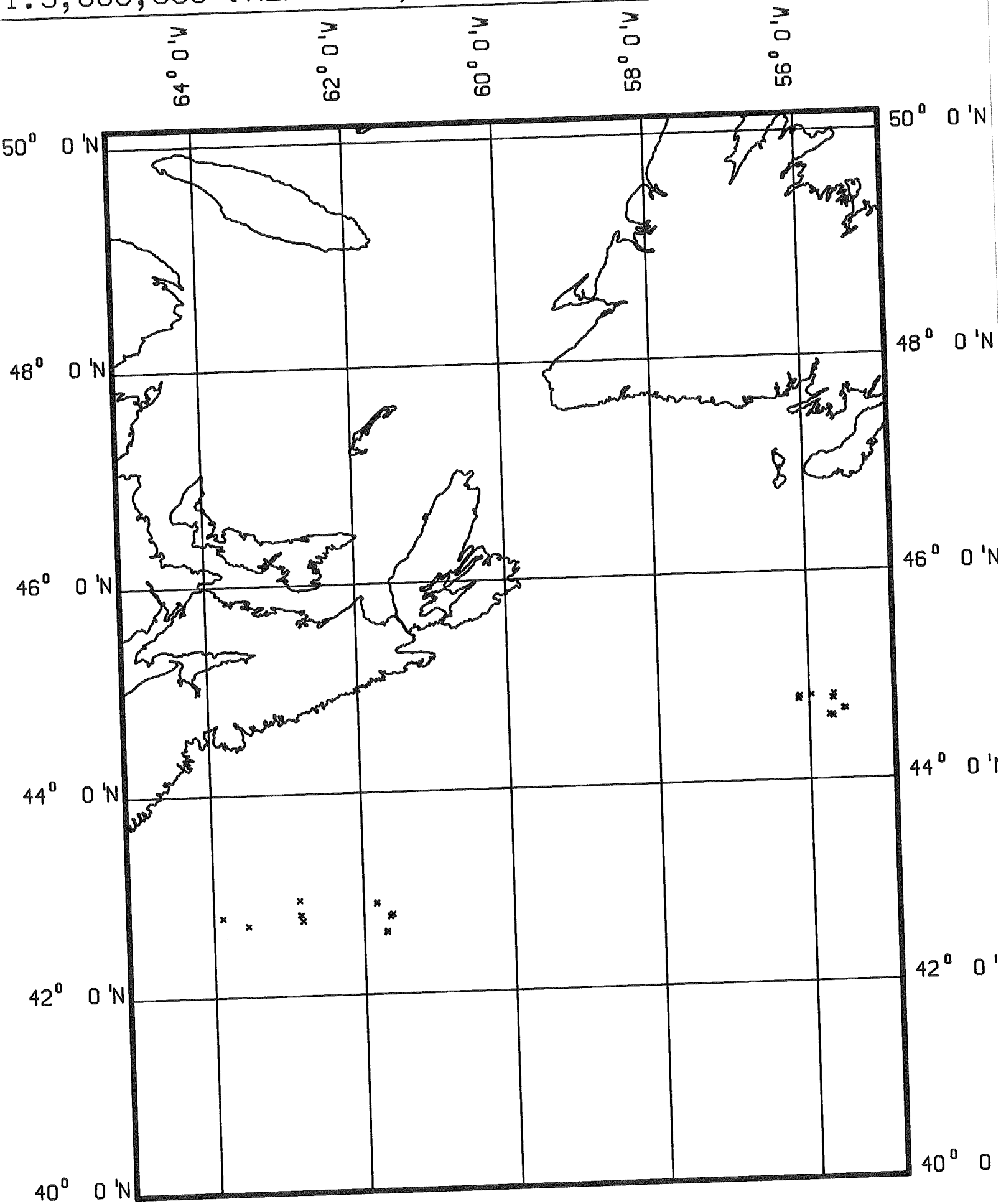
STATION	LATITUDE	LONGITUDE	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)	GEOGRAPHIC AREA
001	59.63033	-45.28333	157	153	1358	CORE	BOX		SOUTH WEST GREENLAND
002	59.63217	-45.28600	157	153	1449	WATER	NISKIN		SOUTH WEST GREENLAND
003	59.63400	-45.29483	157	153	1510	WATER	PLANKTON		SOUTH WEST GREENLAND
004	59.62967	-45.28400	157	153	1552	CORE	AGC LONG CORE	50	SOUTH WEST GREENLAND
004	59.62967	-45.28400	157	153	1552	CORE	TRIGGER WEIGHT	0	SOUTH WEST GREENLAND
005	59.63150	-45.28950	157	153	1633	WATER	CTD		SOUTH WEST GREENLAND
006	59.49133	-45.87067	1105	153	2137	CORE	BOX		SOUTH WEST GREENLAND
007	59.49633	-45.91717	1105	153	2259	WATER	NISKIN		SOUTH WEST GREENLAND
008	58.92216	-47.12900	2834	154	1151	WATER	NISKIN		SOUTH WEST GREENLAND
009	58.90967	-47.11200	2765	154	1339	CORE	BOX		SOUTH WEST GREENLAND
010	59.44117	-46.07433	1958	155	0022	WATER	NISKIN		SOUTH WEST GREENLAND
010	59.44117	-46.07433	1958	155	0022	WATER	CTD		SOUTH WEST GREENLAND
011	58.91417	-47.08533	2805	155	1024	CORE	BOX		SOUTH WEST GREENLAND
011	58.91417	-47.08533	2805	155	1024	WATER	CTD		SOUTH WEST GREENLAND
012	58.92267	-47.11683	2831	155	1335	CORE	AGC LONG CORE	1254	SOUTH WEST GREENLAND
012	58.92267	-47.11683	2831	155	1335	CORE	TRIGGER WEIGHT	0	SOUTH WEST GREENLAND
013	58.20984	-48.37333	3380	155	2126	CORE	AGC LONG CORE	1741	SOUTH WEST GREENLAND
013	58.20984	-48.37333	3380	155	2126	CORE	TRIGGER WEIGHT	38	SOUTH WEST GREENLAND
014	58.21100	-48.36817	3400	155	2330	WATER	NISKIN		SOUTH WEST GREENLAND
014	58.21100	-48.36817	3400	155	2330	WATER	CTD		SOUTH WEST GREENLAND
015	58.17167	-48.38933	3400	156	0240	WATER	NISKIN		SOUTH WEST GREENLAND
016	58.17167	-48.38933	3400	156	0300	WATER	PLANKTON		SOUTH WEST GREENLAND
017	58.20850	-48.36017	3379	156	1220	CORE	BOX		SOUTH WEST GREENLAND
018	58.37233	-57.46200	2886	158	0835	WATER	NISKIN		LABRADOR SLOPE
019	58.36250	-57.47533	2886	158	1114	WATER	NISKIN		LABRADOR SLOPE
020	58.35917	-57.45633	2865	158	1255	CORE	BOX		LABRADOR SLOPE
021	58.36967	-57.45467	2864	158	1648	CORE	AGC LONG CORE	202	LABRADOR SLOPE
021	58.36967	-57.45467	2864	158	1648	CORE	TRIGGER WEIGHT	154	LABRADOR SLOPE
022	58.32017	-59.22600	1646	159	0720	WATER	NISKIN		LABRADOR SLOPE
022	58.32017	-59.22600	1646	159	0720	WATER	CTD		LABRADOR SLOPE
023	58.34517	-59.22717	1646	159	0850	WATER	NISKIN		LABRADOR SLOPE
024	58.67517	-58.59067	2360	159	1824	CORE	AGC LONG CORE	315	LABRADOR SLOPE
024	58.67517	-58.59067	2360	159	1824	CORE	TRIGGER WEIGHT	0	LABRADOR SLOPE
025	59.88867	-58.85650	2450	160	1053	CORE	AGC LONG CORE	735	LABRADOR SLOPE
025	59.88867	-58.85650	2450	160	1053	CORE	TRIGGER WEIGHT	166	LABRADOR SLOPE
026	59.52234	-57.27733	2895	161	1944	CORE	AGC LONG CORE	1105	LABRADOR SLOPE
026	59.52234	-57.27733	2895	161	1944	CORE	TRIGGER WEIGHT	26	LABRADOR SLOPE
027	58.76317	-57.11983	2913	162	0938	CORE	BOX		LABRADOR SLOPE
028	58.76333	-57.11250	2913	162	1237	CORE	AGC LONG CORE	1178	LABRADOR SEA
028	58.76333	-57.11250	2913	162	1237	CORE	TRIGGER WEIGHT	128	LABRADOR SEA
028	58.76333	-57.11250	2913	162	1237	WATER	CTD		LABRADOR SEA
029	58.39350	-56.76266	2918	162	2015	CORE	AGC LONG CORE	1402	LABRADOR SEA
029	58.39350	-56.76266	2918	162	2015	CORE	TRIGGER WEIGHT		LABRADOR SEA
030	57.83133	-57.61300	2626	163	1930	CORE	AGC LONG CORE		LABRADOR SEA
030	57.83133	-57.61300	2626	163	1930	CORE	TRIGGER WEIGHT	33	LABRADOR SEA
031	57.27867	-56.84250	2527	164	0655	WATER	NISKIN		LABRADOR SLOPE
031	57.27867	-56.84250	2527	164	0655	WATER	CTD		LABRADOR SLOPE
032	57.27867	-56.84250	2527	164	0815	WATER	PLANKTON		LABRADOR SLOPE
033	57.28067	-56.84500	2577	164	0942	CORE	AGC LONG CORE	620	LABRADOR SEA
033	57.28067	-56.84500	2577	164	0942	CORE	TRIGGER WEIGHT	23	LABRADOR SEA
034	57.31950	-56.86133	2586	164	1327	CORE	AGC LONG CORE	538	LABRADOR SEA
034	57.31950	-56.86133	2586	164	1327	CORE	TRIGGER WEIGHT	174	LABRADOR SEA
035	50.13167	-56.40350	362	168	1200	CORE	AGC LONG CORE		WHITE BAY
035	50.13167	-56.40350	362	168	1200	CORE	TRIGGER WEIGHT	35	WHITE BAY

9917

STATION	LATITUDE	LONGITUDE	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)	GEOGRAPHIC AREA
036	49.93850	-56.18267	25	168	1513	GRAB	VAN VEEN		BAIE VERTE
037	49.94383	-56.16583	32	168	1549	GRAB	VAN VEEN		BAIE VERTE
038	49.95267	-56.15283	44	168	1604	GRAB	VAN VEEN		BAIE VERTE
038	49.95267	-56.15300	42	168	1604	GRAB	IKU		BAIE VERTE
039	49.95800	-56.15333	54	168	1654	GRAB	VAN VEEN		BAIE VERTE
040	49.96500	-56.15467	42	168	1706	GRAB	VAN VEEN		BAIE VERTE
041	49.96883	-56.14950	72	168	1718	GRAB	VAN VEEN		BAIE VERTE
042	49.99350	-56.11767	43	168	1744	GRAB	IKU		BAIE VERTE
043	50.00800	-56.10867	157	168	1806	GRAB	VAN VEEN		BAIE VERTE
044	50.01667	-56.11000	186	168	1840	GRAB	VAN VEEN		BAIE VERTE
045	50.02583	-56.08650	242	168	1900	GRAB	VAN VEEN		BAIE VERTE
046	50.02367	-56.08183	311	168	1932	GRAB	VAN VEEN		BAIE VERTE
047	50.02867	-56.05867	51	168	1958	GRAB	IKU		BAIE VERTE
048	50.03767	-56.05517	228	168	2017	GRAB	VAN VEEN		BAIE VERTE
049	50.04200	-56.02800	55	168	2044	GRAB	IKU		BAIE VERTE
050	49.76550	-55.63900	288	169	1425	GRAB	VAN VEEN		NOTRE DAME BAY
051	49.79933	-55.60700	263	169	1507	CORE	AGC LONG CORE		NOTRE DAME BAY
051	49.79933	-55.60700	263	169	1507	CORE	TRIGGER WEIGHT	0	NOTRE DAME BAY
052	49.82367	-55.60083	228	169	1602	GRAB	VAN VEEN		NOTRE DAME BAY
053	49.86450	-55.58750	98	169	1647	GRAB	VAN VEEN		NOTRE DAME BAY
054	49.84033	-55.46717	252	169	1746	CORE	AGC LONG CORE		NOTRE DAME BAY
054	49.84033	-55.46717	252	169	1746	CORE	TRIGGER WEIGHT	0	NOTRE DAME BAY
055	49.84133	-55.45133	253	169	1835	GRAB	VAN VEEN		NOTRE DAME BAY
056	49.85417	-55.44783	257	169	1905	GRAB	VAN VEEN		NOTRE DAME BAY
057	49.88583	-55.45984	147	169	1933	GRAB	VAN VEEN		NOTRE DAME BAY
058	49.90217	-55.45200	97	169	2018	GRAB	VAN VEEN		NOTRE DAME BAY
059	49.86283	-55.56183	150	169	2100	GRAB	VAN VEEN		NOTRE DAME BAY
060	49.85033	-55.50750	227	169	2125	GRAB	VAN VEEN		NOTRE DAME BAY
061	49.78867	-55.71267	275	169	2231	GRAB	VAN VEEN		NOTRE DAME BAY
062	49.80083	-55.74617	229	169	2300	GRAB	VAN VEEN		NOTRE DAME BAY
063	49.46483	-56.07833	241	170	1532	CORE	AGC LONG CORE		HALLS BAY
063	49.46483	-56.07833	241	170	1532	CORE	TRIGGER WEIGHT	0	HALLS BAY
064	49.76400	-55.64350	311	170	1847	CORE	AGC LONG CORE		MOUTH HALLS BAY
064	49.76400	-55.64350	311	170	1847	CORE	TRIGGER WEIGHT	30	MOUTH HALLS BAY
065	49.75633	-55.66050	273	170	1830	GRAB	VAN VEEN		MOUTH HALLS BAY
066	49.75617	-55.66267	277	170	2003	GRAB	VAN VEEN		MOUTH HALLS BAY
067	49.76467	-55.83300	292	170	2025	GRAB	VAN VEEN		GREEN BAY
068	50.01817	-55.76700	193	171	0100	GRAB	VAN VEEN		LA SCIE AREA
069	50.05650	-55.81200	205	171	0132	GRAB	VAN VEEN		LA SCIE AREA
070	50.09650	-55.84333	211	171	0252	GRAB	VAN VEEN		LA SCIE AREA

90015

SAMPLE LØCATIØNS - 90015.
1:5,000,000 (MERCATØR, 45N)

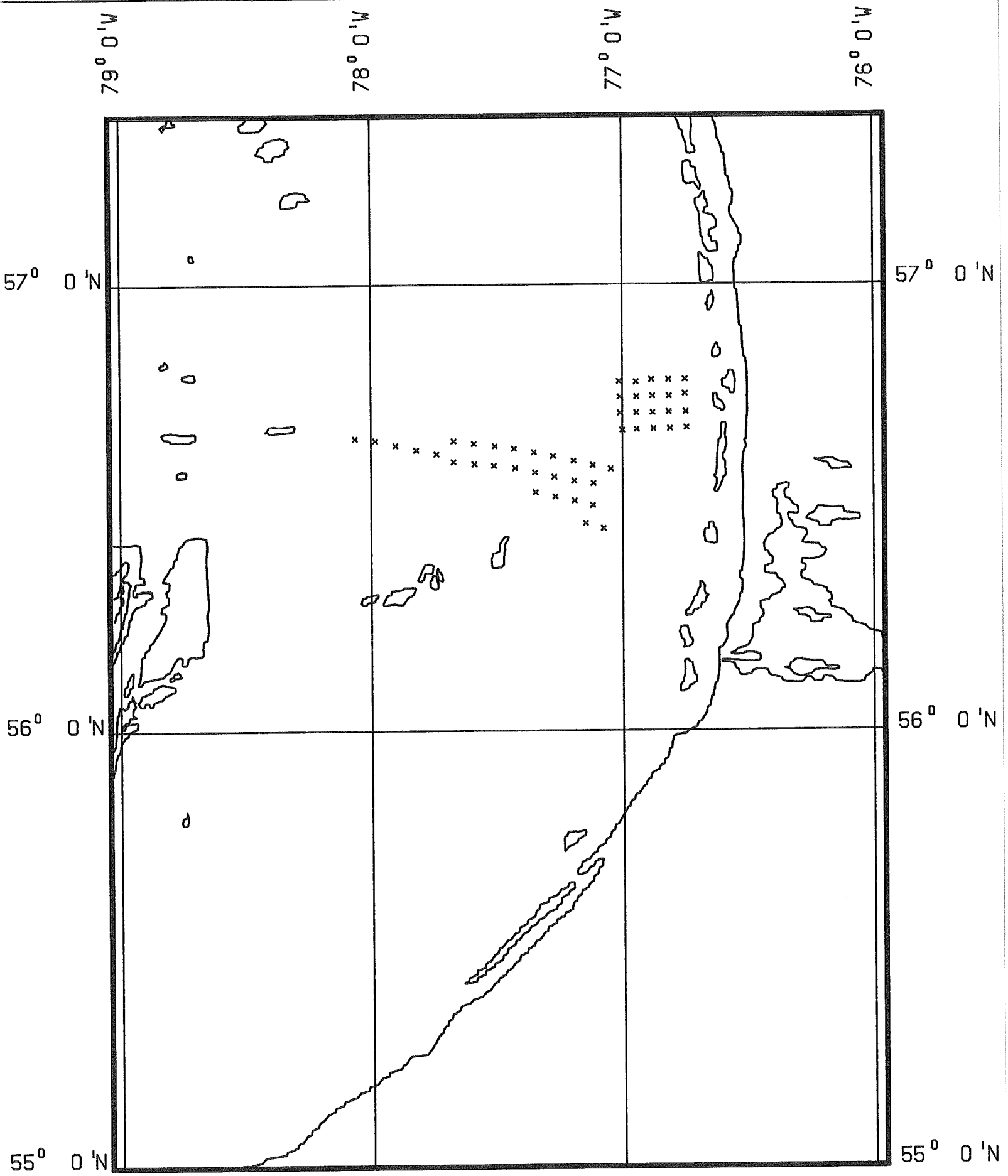


STATION	LATITUDE	LONGITUDE	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)	GEOGRAPHIC AREA
001	44.68350	-55.54217	1344	195	1600	CORE	PUSH	135	ST. PIERRE SLOPE
002	44.68367	-55.52250	1328	195	1846	CORE	AGC LONG CORE	951	ST. PIERRE SLOPE
002	44.68367	-55.52250	1328	195	1846	CORE	TRIGGER WEIGHT	19	ST. PIERRE SLOPE
003	44.82333	-55.67300	480	196	1848	CORE	AGC LONG CORE	36	ST. PIERRE SLOPE
003	44.82333	-55.67300	480	196	1848	CORE	TRIGGER WEIGHT	34	ST. PIERRE SLOPE
004	44.78017	-56.14167	845	198	1605	CORE	PUSH	157	ST. PIERRE SLOPE
005	44.81150	-56.12700	1842	198	1842	CORE	AGC LONG CORE	718	ST. PIERRE SLOPE
005	44.81150	-56.12700	1842	198	1842	CORE	TRIGGER WEIGHT	87	ST. PIERRE SLOPE
006	44.62517	-55.69367	1533	200	1541	CORE	PUSH	175	ST. PIERRE SLOPE
007	44.60850	-55.68600	1621	200	1837	CORE	AGC LONG CORE	259	ST. PIERRE SLOPE
007	44.60850	-55.68600	1621	200	1837	CORE	TRIGGER WEIGHT	26	ST. PIERRE SLOPE
008	44.81933	-55.96717	823	202	1430	CORE	PUSH	163	ST. PIERRE SLOPE
009	44.78233	-55.67967	700	202	1850	CORE	AGC LONG CORE	552	ST. PIERRE SLOPE
009	44.78233	-55.67967	700	202	1850	CORE	TRIGGER WEIGHT	15	ST. PIERRE SLOPE
010	44.68033	-55.51700	1353	202	2129	CORE	BENTHOS GRAVITY	22	ST. PIERRE SLOPE
011	44.68600	-55.52350	1319	202	2245	CORE	GRAVITY	95	ST. PIERRE SLOPE
012	44.62750	-55.73167	1518	203	0122	CORE	GRAVITY	41	ST. PIERRE SLOPE
013	42.79800	-61.61567	1335	205	1805	CORE	PUSH	159	VERRILL CANYON
014	42.91867	-61.82084	578	206	1520	CORE	PUSH	155	VERRILL CANYON
015	42.79817	-61.61883	1347	206	1749	CORE	AGC LONG CORE	1100	VERRILL CANYON
015	42.79817	-61.61883	1347	206	1749	CORE	TRIGGER WEIGHT	15	VERRILL CANYON
016	42.63133	-61.69483	1976	207	1530	CORE	PUSH	162	VERRILL CANYON
017	42.77533	-61.65033	1407	207	1826	CORE	AGC LONG CORE	498	VERRILL CANYON
017	42.77533	-61.65033	1407	207	1826	CORE	TRIGGER WEIGHT	15	VERRILL CANYON
018	42.81033	-62.82817	536	209	1509	CORE	PUSH	143	ALBATROSS AREA
019	42.75100	-62.80900	1060	209	1908	CORE	AGC LONG CORE	720	ALBATROSS AREA
019	42.75100	-62.80900	1060	209	1908	CORE	TRIGGER WEIGHT	107	ALBATROSS AREA
020	42.95233	-62.84783	813	210	1559	CORE	AGC LONG CORE		ALBATROSS AREA
020	42.95233	-62.84783	813	210	1559	CORE	TRIGGER WEIGHT	135	ALBATROSS AREA
021	42.79400	-63.87850	859	210	1742	CORE	BENTHOS GRAVITY	94	ALBATROSS AREA
022	42.71050	-63.54200	811	211	2027	CORE	PUSH	147	ALBATROSS AREA
HMG1	44.68300	-55.52150	1330	195	1345	CAMERA	UMEL		ST. PIERRE SLOPE
HMG10	42.71050	-63.54067	811	211	2027	CAMERA	UMEL		ALBATROSS AREA
HMG2	44.78750	-55.69067	700	196	1420	CAMERA	UMEL		ST. PIERRE SLOPE
HMG3	44.79400	-56.14200	691	198	1345	CAMERA	UMEL		ST. PIERRE SLOPE
HMG4	44.62483	-55.73333	1507	200	1431	CAMERA	UMEL		ST. PIERRE SLOPE
HMG5	44.81783	-55.96750	829	202	1355	CAMERA	UMEL		ST. PIERRE SLOPE
HMG6	42.78316	-61.64150	1372	205	1548	CAMERA	UMEL		VERRILL CANYON
HMG7	42.90467	-61.82733	662	206	1408	CAMERA	UMEL		VERRILL CANYON
HMG8	42.61900	-61.69900	1976	207	1344	CAMERA	UMEL		VERRILL CANYON
HMG9	42.81017	-62.84000	536	209	1442	CAMERA	UMEL		ALBATROSS AREA

6935

90017

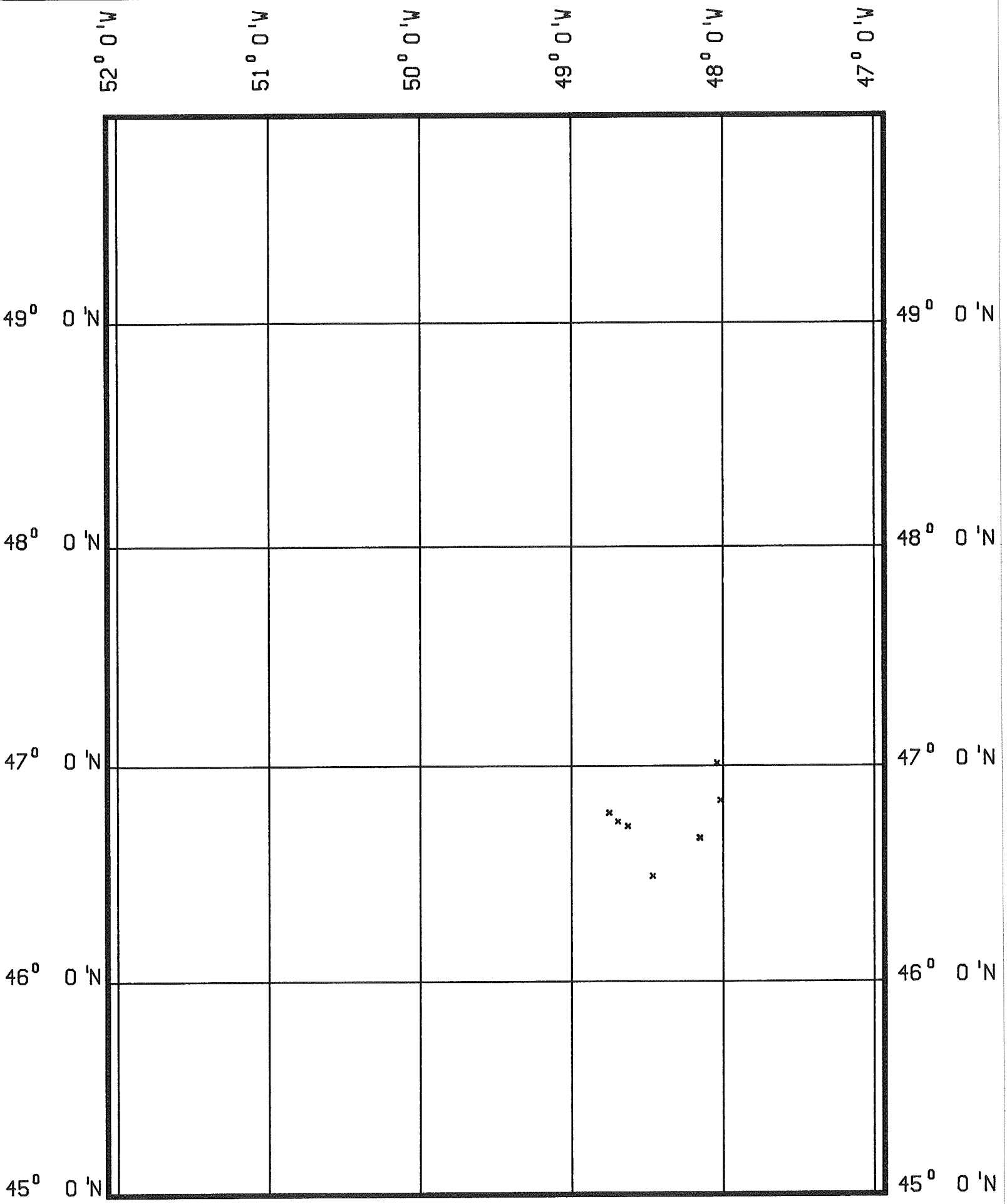
SAMPLE LØCATIØNS - 90017.
1:1,070,000 (MERCATØR, 60N)



STATION	LATITUDE	LONGITUDE	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)	GEOGRAPHIC AREA
001	56.65283	-77.67300	42	259	1100	GRAB	VAN VEEN		OFF BELCHER ISLANDS
001A	56.65833	-78.06384	43	273	0900	GRAB	VAN VEEN		OFF BELCHER ISLANDS
001C	56.67600	-77.00034	75	278	1155	GRAB	VAN VEEN		OFF BELCHER ISLANDS
002	56.64667	-77.59283	46	259	1115	GRAB	VAN VEEN		OFF BELCHER ISLANDS
002A	56.65383	-77.98333	49	273	0930	GRAB	VAN VEEN		OFF BELCHER ISLANDS
002C	56.71400	-77.00916	75	278	1507	GRAB	VAN VEEN		OFF BELCHER ISLANDS
003	56.64133	-77.50950	40	259	1130	GRAB	VAN VEEN		OFF BELCHER ISLANDS
003A	56.64300	-77.90283	50	273	1000	GRAB	VAN VEEN		OFF BELCHER ISLANDS
003C	56.74983	-77.01017	58	278	1527	GRAB	VAN VEEN		OFF BELCHER ISLANDS
004	56.63533	-77.43250	45	259	1145	GRAB	VAN VEEN		OFF BELCHER ISLANDS
004A	56.63283	-77.82117	35	273	1030	GRAB	VAN VEEN		OFF BELCHER ISLANDS
004C	56.78483	-77.01334	45	278	2004	GRAB	VAN VEEN		OFF BELCHER ISLANDS
005	56.62700	-77.35300	54	259	1200	GRAB	VAN VEEN		OFF BELCHER ISLANDS
005A	56.62366	-77.74050	37	273	1100	GRAB	VAN VEEN		OFF BELCHER ISLANDS
005C	56.78350	-76.94583	70	278	1833	GRAB	VAN VEEN		OFF BELCHER ISLANDS
006	56.61833	-77.27666	58	259	1215	GRAB	VAN VEEN		OFF BELCHER ISLANDS
006C	56.75017	-76.94417	82	278	1558	GRAB	VAN VEEN		OFF BELCHER ISLANDS
007	56.60800	-77.19534	62	259	1230	GRAB	VAN VEEN		OFF BELCHER ISLANDS
007C	56.71433	-76.94434	71	278	1449	GRAB	VAN VEEN		OFF BELCHER ISLANDS
008	56.59800	-77.11884	51	259	1245	GRAB	VAN VEEN		OFF BELCHER ISLANDS
008C	56.67750	-76.94300	73	278	1220	GRAB	VAN VEEN		OFF BELCHER ISLANDS
009	56.58967	-77.04750	63	259	1255	GRAB	VAN VEEN		OFF BELCHER ISLANDS
009C	56.67883	-76.87617	98	278	1240	GRAB	VAN VEEN		OFF BELCHER ISLANDS
010	56.55750	-77.11633	36	259	1300	GRAB	VAN VEEN		OFF BELCHER ISLANDS
010C	56.71500	-76.87900	80	278	1427	GRAB	VAN VEEN		OFF BELCHER ISLANDS
011	56.56300	-77.19283	50	295	1315	GRAB	VAN VEEN		OFF BELCHER ISLANDS
011C	56.75183	-76.88033	103	278	1617	GRAB	VAN VEEN		OFF BELCHER ISLANDS
012	56.57217	-77.27133	49	259	1330	GRAB	VAN VEEN		OFF BELCHER ISLANDS
012C	56.78817	-76.88483	91	278	1800	GRAB	VAN VEEN		OFF BELCHER ISLANDS
013	56.58217	-77.34883	49	259	1345	GRAB	VAN VEEN		OFF BELCHER ISLANDS
013C	56.78783	-76.81600	76	278	1756	GRAB	VAN VEEN		OFF BELCHER ISLANDS
014	56.59200	-77.42800	45	259	1400	GRAB	VAN VEEN		OFF BELCHER ISLANDS
014C	56.75150	-76.81400	98	278	1635	GRAB	VAN VEEN		OFF BELCHER ISLANDS
015	56.59750	-77.51334	37	259	1415	GRAB	VAN VEEN		OFF BELCHER ISLANDS
015C	56.71633	-76.81500	98	278	1404	GRAB	VAN VEEN		OFF BELCHER ISLANDS
016	56.60117	-77.59033	47	259	1430	GRAB	VAN VEEN		OFF BELCHER ISLANDS
016C	56.67933	-76.81033	110	278	1300	GRAB	VAN VEEN		OFF BELCHER ISLANDS
017	56.60617	-77.67384	32	259	1445	GRAB	VAN VEEN		OFF BELCHER ISLANDS
017C	56.68133	-76.74483	126	278	1322	GRAB	VAN VEEN		OFF BELCHER ISLANDS
018	56.53750	-77.34617	40	259	1500	GRAB	VAN VEEN		OFF BELCHER ISLANDS
018C	56.71650	-76.74733	100	278	1340	GRAB	VAN VEEN		OFF BELCHER ISLANDS
019	56.52800	-77.26783	46	259	1515	GRAB	VAN VEEN		OFF BELCHER ISLANDS
019C	56.75700	-76.75066	115	278	1715	GRAB	VAN VEEN		OFF BELCHER ISLANDS
020	56.51883	-77.19133	39	259	1530	GRAB	VAN VEEN		OFF BELCHER ISLANDS
020C	56.78883	-76.75050	100	278	1732	GRAB	VAN VEEN		OFF BELCHER ISLANDS
021	56.50834	-77.11884	46	259	1545	GRAB	VAN VEEN		OFF BELCHER ISLANDS
022	56.45667	-77.07616	24	259	1600	GRAB	VAN VEEN		OFF BELCHER ISLANDS
023	56.46800	-77.14750	40	259	1615	GRAB	VAN VEEN		OFF BELCHER ISLANDS

90021

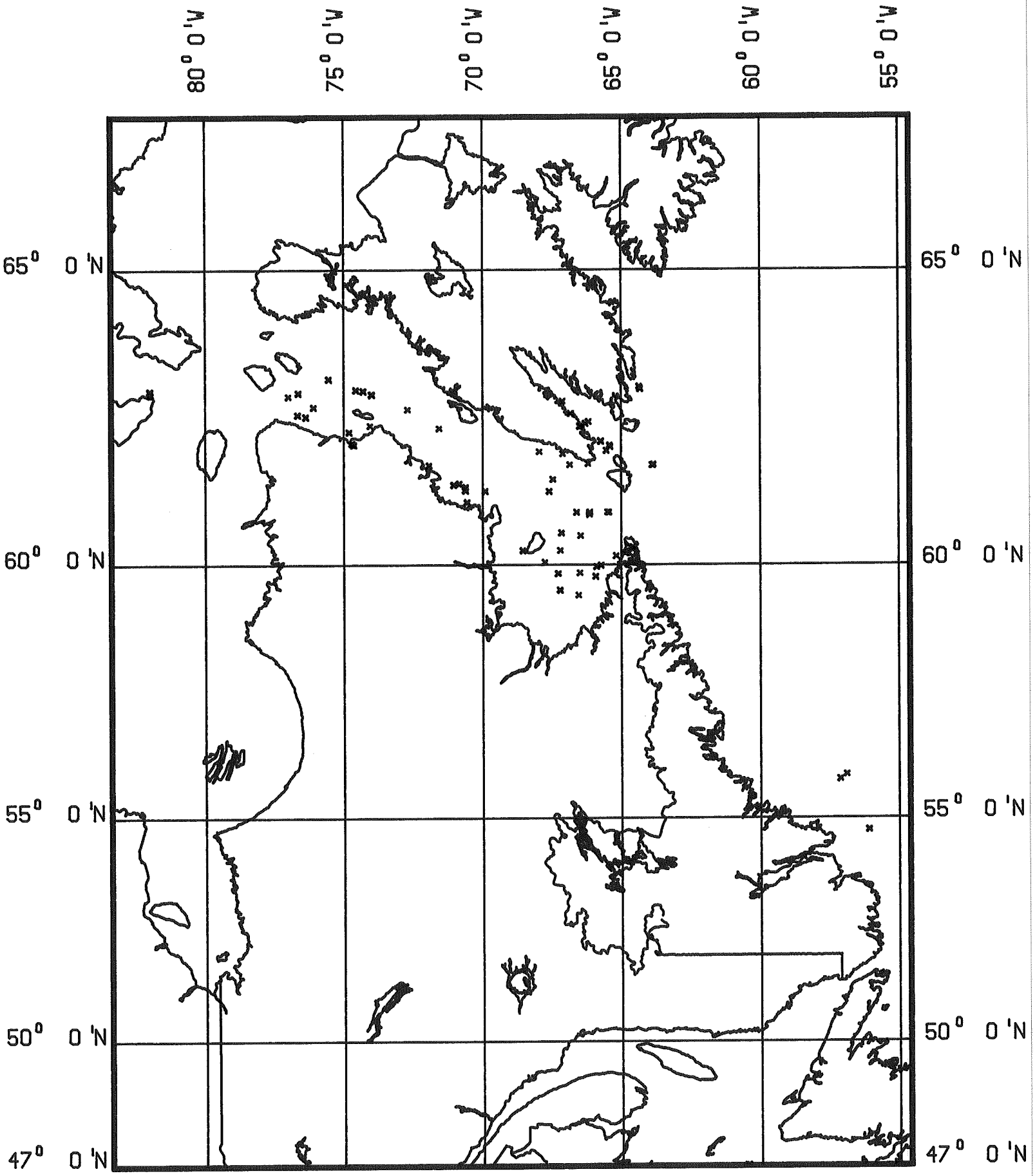
SAMPLE LØCATIØNS - 90021.
1:2,275,000 (MERCATØR, 50N)



STATION	LATITUDE	LONGITUDE	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)	GEOGRAPHIC AREA
001	46.72167	-48.62667	80	240	1628	CAMERA	ROV HYSUB 5000		BOWERS PIT, GRAND BANKS
002	46.72334	-48.62667	81	240	2156	CAMERA	ROV HYSUB 5000		BOWERS PIT, GRAND BANKS
003	46.74333	-48.69167	85	240	2338	CAMERA	UMEL		BOWERS PIT, GRAND BANKS
004	46.66933	-48.15383	105	242	1505	CAMERA	ROV HYSUB 5000		TEXACO PIT 89001, GRAND BANKS
005	46.66683	-48.15333	108	242	1915	GRAB	VAN VEEN		TEXACO PIT 89001, GRAND BANKS
006	46.66700	-48.15333	108	242	1932	GRAB	VAN VEEN		TEXACO PIT 89001, GRAND BANKS
007	46.66900	-48.15517	108	242	2016	CAMERA	UMEL		N.E. GRAND BANKS
008	46.84167	-48.01700	115	243	1745	CAMERA	ROV HYSUB 5000		HUSKY SCOUR 88-1, GRAND BANKS
009	46.49166	-48.46333	81	244	1330	CAMERA	ROV HYSUB 5000		TERRA NOVA GLORY HOLE, GRAND BANKS
010	47.01317	-48.03967	119	249	1604	CAMERA	ROV HYSUB 5000		ICEBURG SCOUR IN ESRF REMAPPING ZONE
011	46.78333	-48.75000	82	250	1210	CAMERA	ROV HYSUB 5000		B-08 GLORY HOLE SURVEY, HIBERNIA AREA
012	46.78567	-48.74833	90	250	1530	CAMERA	ROV HYSUB 5000		HIBERNIA SAND RIDGE SURVEY, GRAND BANKS

90023

SAMPLE LØCATIØNS - 90023.
1:8,400,000 (MERCATØR, 65N)



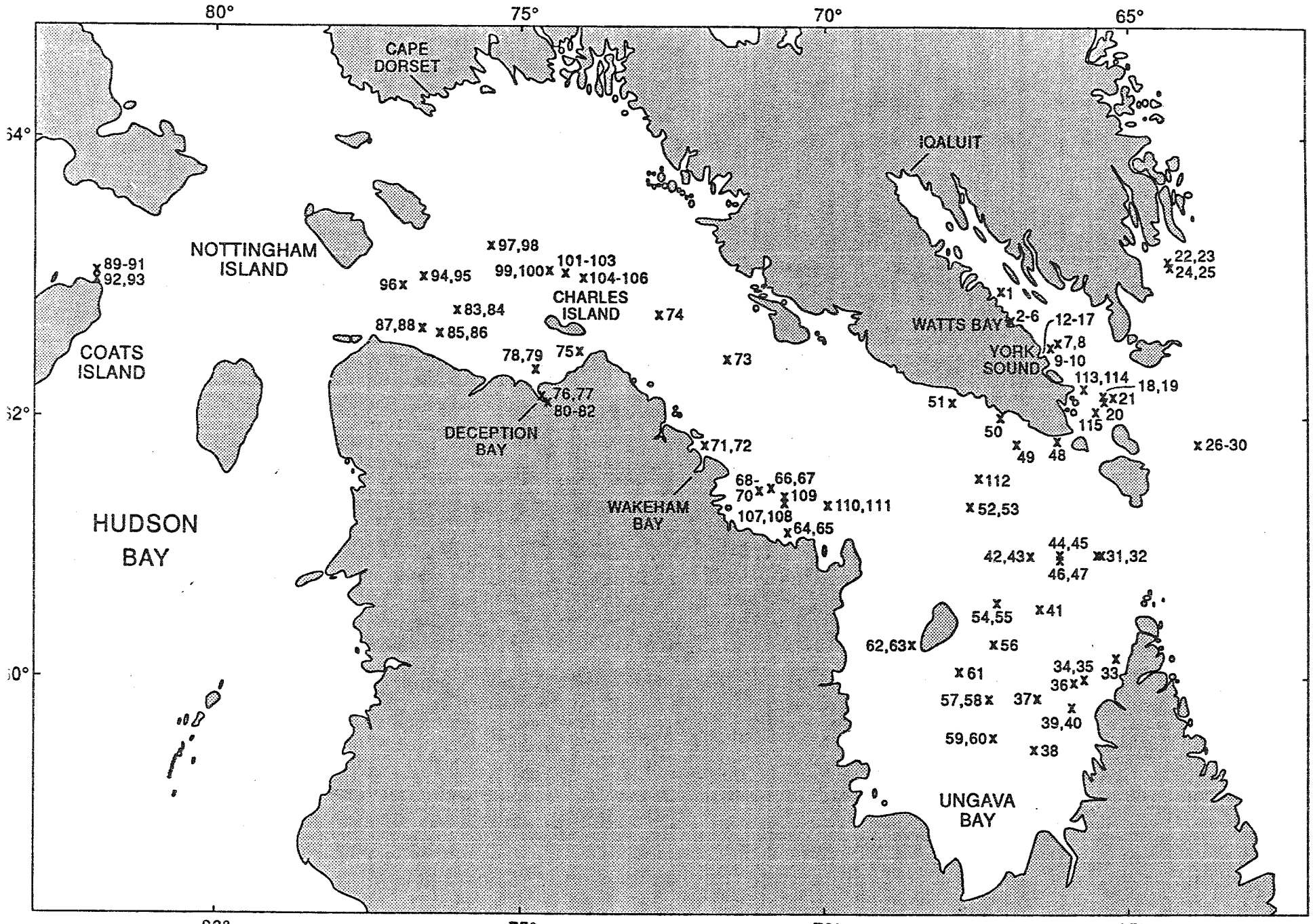


Fig. 3

0056/284/90,

STATION	LATITUDE	LONGITUDE	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)	GEOGRAPHIC AREA
001	62.87617	-67.12434	538	262	1933	CORE	AGC LONG CORE	1406	FROBISHER BAY
001	62.87617	-67.12434	538	262	1933	CORE	TRIGGER WEIGHT	140	FROBISHER BAY
002	62.66667	-66.83334	15	262	1530	GRAB	VAN VEEN		FROBISHER BAY, WATTS BAY
003	62.66667	-66.83334	65	262	1530	GRAB	VAN VEEN		FROBISHER BAY, WATTS BAY
004	62.66667	-66.83334	135	262	1630	GRAB	VAN VEEN		FROBISHER BAY, WATTS BAY
005	62.66667	-66.83334	135	262	1730	GRAB	VAN VEEN		FROBISHER BAY, WATTS BAY
006	62.66667	-66.83334	112	262	1730	GRAB	VAN VEEN		FROBISHER BAY, WATTS BAY
007	62.53000	-66.18333	397	263	1438	CORE	AGC LONG CORE	238	FROBISHER BAY
007	62.53000	-66.18333	397	263	1438	CORE	TRIGGER WEIGHT	15	FROBISHER BAY
008	62.52833	-66.18833	425	263	1533	GRAB	VAN VEEN		FROBISHER BAY
009	62.49833	-66.30000	463	263	1925	CORE	AGC LONG CORE	739	FROBISHER BAY
009	62.49833	-66.30000	463	263	1925	CORE	TRIGGER WEIGHT	30	FROBISHER BAY
010	62.49667	-66.30334	463	263	2021	GRAB	VAN VEEN		FROBISHER BAY
011	62.45000	-66.50000	0	263		GRAB	VAN VEEN		FROBISHER BAY
012	62.45000	-66.50000	10	263	1500	GRAB	VAN VEEN		FROBISHER BAY
013	62.45000	-66.50000	40	263	1615	GRAB	VAN VEEN		FROBISHER BAY, YORK SOUND
014	62.45000	-66.50000	90	263	1630	GRAB	VAN VEEN		FROBISHER BAY, YORK SOUND
015	62.45000	-66.50000	10	263	1700	GRAB	VAN VEEN		FROBISHER BAY, YORK SOUND
016	62.45000	-66.50000	10	263	1715	GRAB	VAN VEEN		FROBISHER BAY, YORK SOUND
017	62.45000	-66.50000	95	263	1730	GRAB	VAN VEEN		FROBISHER BAY, YORK SOUND
018	62.12850	-65.41666	335	264	1331	CORE	AGC LONG CORE		FROBISHER BAY
018	62.12850	-65.41666	335	264	1331	CORE	TRIGGER WEIGHT	0	FROBISHER BAY
019	62.11167	-65.41333	335	264	1418	GRAB	VAN VEEN		FROBISHER BAY
020	62.10167	-65.39333	330	264	1840	CORE	AGC LONG CORE	571	FROBISHER BAY
020	62.10167	-65.39333	330	264	1840	CORE	TRIGGER WEIGHT	0	FROBISHER BAY
021	62.10167	-65.40000	335	264	1915	GRAB	VAN VEEN		FROBISHER BAY
022	63.10900	-64.33700	396	265	1307	CORE	AGC LONG CORE	843	OFF HALL PENINSULA, BAFFIN SHELF
022	63.10900	-64.33700	396	265	1307	CORE	TRIGGER WEIGHT	125	OFF HALL PENINSULA, BAFFIN SHELF
023	63.11833	-64.35500	396	265	1352	GRAB	VAN VEEN		OFF HALL PENINSULA, BAFFIN SHELF
024	63.07833	-64.32000	344	265	1656	CORE	AGC LONG CORE	0	OFF HALL PENINSULA, BAFFIN SHELF
024	63.07833	-64.32000	344	265	1656	CORE	TRIGGER WEIGHT	61	OFF HALL PENINSULA, BAFFIN SHELF
025	63.07833	-64.31667	340	265	1722	GRAB	VAN VEEN		OFF HALL PENINSULA, BAFFIN SHELF
026	61.78417	-63.86666	574	266	1709	CORE	AGC LONG CORE	283	RESOLUTION BASIN, BAFFIN SHELF
026	61.78417	-63.86666	574	266	1709	CORE	TRIGGER WEIGHT		RESOLUTION BASIN, BAFFIN SHELF
027	61.78433	-63.85167	574	266	1749	GRAB	VAN VEEN		RESOLUTION BASIN
028	61.78467	-63.84383	200	266	1811	WATER	PLANKTON		RESOLUTION BASIN
029	61.78950	-63.82850	200	266	1840	WATER	PLANKTON		RESOLUTION BASIN
030	61.78217	-63.87667	572	266	2009	CORE	AGC LONG CORE	908	RESOLUTION BASIN, BAFFIN SHELF
030	61.78217	-63.87667	572	266	2009	CORE	TRIGGER WEIGHT	156	RESOLUTION BASIN, BAFFIN SHELF
031	60.95167	-65.44500	872	267	1257	CORE	AGC LONG CORE	727	HUDSON STRAIT
031	60.95167	-65.44500	872	267	1257	CORE	TRIGGER WEIGHT	20	HUDSON STRAIT
032	60.95500	-65.49500	872	267	1318	GRAB	VAN VEEN		HUDSON STRAIT
033	60.16250	-65.18700	112	268	0249	GRAB	VAN VEEN		UNGAVA BAY
034	59.99017	-65.73383	112	268	1349	CORE	AGC LONG CORE	352	UNGAVA BAY
034	59.99017	-65.73383	112	268	1349	CORE	TRIGGER WEIGHT	0	UNGAVA BAY
035	59.98917	-65.73333	336	268	1426	GRAB	VAN VEEN		UNGAVA BAY
036	59.96350	-65.89816	332	268	1957	CORE	AGC LONG CORE	931	UNGAVA BAY
036	59.96350	-65.89816	332	268	1957	CORE	TRIGGER WEIGHT	69	UNGAVA BAY
037	59.85000	-66.49483	108	269	0002	GRAB	VAN VEEN		UNGAVA BAY
038	59.43616	-66.54800	245	269	0548	GRAB	VAN VEEN		UNGAVA BAY
039	59.78433	-65.93034	387	269	1356	CORE	AGC LONG CORE	956	UNGAVA BAY
039	59.78433	-65.93034	387	269	1356	CORE	TRIGGER WEIGHT	46	UNGAVA BAY
040	59.78333	-65.92983	408	269	1429	GRAB	VAN VEEN		UNGAVA BAY
041	60.53000	-66.47166	149	270	0346	GRAB	VAN VEEN		UNGAVA BAY

8614

STATION	LATITUDE	LONGITUDE	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)	GEOGRAPHIC AREA
042	60.95016	-66.61584	761	270	1157	CORE	AGC LONG CORE	881	EASTERN HUDSON STRAIT
042	60.95016	-66.61584	761	270	1157	CORE	TRIGGER WEIGHT		EASTERN HUDSON STRAIT
043	60.95050	-66.61584	729	270	1244	GRAB	VAN VEEN		EASTERN HUDSON STRAIT
044	60.94950	-66.14867	844	270	1549	CORE	BOX		EASTERN HUDSON STRAIT
045	60.94667	-66.13800	845	270	1806	CORE	AGC LONG CORE	1179	EASTERN HUDSON STRAIT
045	60.94667	-66.13800	845	270	1806	CORE	TRIGGER WEIGHT	0	EASTERN HUDSON STRAIT
046	60.92467	-66.14400	200	270	1926	WATER	PLANKTON		HUDSON STRAIT
047	60.91217	-66.14600	200	270	1947	WATER	PLANKTON		HUDSON STRAIT
048	61.80483	-66.19633	226	271	0938	GRAB	VAN VEEN		HUDSON STRAIT
049	61.78950	-66.86034	223	271	1718	GRAB	IKU		HUDSON STRAIT
050	61.98000	-67.11600	87	271	2211	GRAB	VAN VEEN		EASTERN HUDSON STRAIT
051	62.01583	-67.95567	150	272	0344	GRAB	VAN VEEN		EASTERN HUDSON STRAIT
052	61.32467	-67.60350	402	272	1413	CORE	AGC LONG CORE	275	HUDSON STRAIT
052	61.32467	-67.60350	402	272	1413	CORE	TRIGGER WEIGHT	0	HUDSON STRAIT
053	61.32183	-67.60017	400	272	1443	GRAB	VAN VEEN		HUDSON STRAIT
054	60.58300	-67.17450	137	273	0104	GRAB	VAN VEEN		UNGAVA BAY
055	60.58083	-67.15434	141	273	0118	CAMERA	UMEL		UNGAVA BAY
056	60.26500	-67.20250	111	273	0606	GRAB	VAN VEEN		UNGAVA BAY
057	59.83650	-67.29583	57	273	1245	GRAB	VAN VEEN		SOUTHERN UNGAVA BAY
058	59.84083	-67.27500	82	273	1306	CAMERA	UMEL		SOUTHERN UNGAVA BAY
059	59.53350	-67.22100	290	273	1920	CORE	AGC LONG CORE	787	SOUTHERN UNGAVA BAY
059	59.53350	-67.22100	290	273	1920	CORE	TRIGGER WEIGHT	5	SOUTHERN UNGAVA BAY
060	59.52667	-67.21050	294	273	1956	GRAB	VAN VEEN		SOUTHERN UNGAVA BAY
061	60.04817	-67.76300	72	274	1033	GRAB	VAN VEEN		UNGAVA BAY
062	60.26266	-68.54950	234	274	2022	CORE	AGC LONG CORE	256	UNGAVA BAY, WEST AKPATOK IS.
062	60.26266	-68.54950	234	274	2022	CORE	TRIGGER WEIGHT	0	UNGAVA BAY, WEST AKPATOK IS.
063	60.25917	-68.54816	232	274	1853	GRAB	VAN VEEN		UNGAVA BAY, WEST AKPATOK IS.
064	61.12500	-70.57667	196	276	1332	CORE	AGC LONG CORE	987	WEST BAIE HERICART, N. QUE.
064	61.12500	-70.57667	196	276	1332	CORE	TRIGGER WEIGHT	0	WEST BAIE HERICART, N. QUE.
065	61.13500	-70.56667	196	276	1400	GRAB	VAN VEEN		WEST BAIE HERICART, N. QUE.
066	61.46367	-70.85000	193	276	2100	CORE	AGC LONG CORE	749	WHITLEY BAY AREA, HUDSON STRAIT, N. QUE.
066	61.46367	-70.85000	193	276	2100	CORE	TRIGGER WEIGHT	0	WHITLEY BAY AREA, HUDSON STRAIT, N. QUE.
067	61.45483	-70.86867	193	276	2207	GRAB	VAN VEEN		WHITLEY BAY AREA, HUDSON STRAIT, N. QUE.
068	61.44300	-71.03983	157	277	1124	CORE	AGC LONG CORE	0	WHITLEY BAY AREA, HUDSON STRAIT, N. QUE.
068	61.44300	-71.03983	157	277	1124	CORE	TRIGGER WEIGHT	12	WHITLEY BAY AREA, HUDSON STRAIT, N. QUE.
069	61.43983	-71.04967	150	277	1144	GRAB	VAN VEEN		WHITLEY BAY AREA, HUDSON STRAIT, N. QUE.
070	61.43683	-71.05566	149	277	1224	GRAB	IKU		WHITLEY BAY AREA, HUDSON STRAIT, N. QUE.
071	61.77867	-71.94417	110	279	1547	CORE	AGC LONG CORE	616	WAKEHAM BAY AREA, HUDSON STRAIT, N. QUE.
071	61.77867	-71.94417	110	279	1547	CORE	TRIGGER WEIGHT	0	WAKEHAM BAY AREA, HUDSON STRAIT, N. QUE.
072	61.77867	-71.93667	111	279	1644	GRAB	VAN VEEN		WAKEHAM BAY AREA, HUDSON STRAIT, N. QUE.
073	62.41950	-71.57716	333	279	2133	GRAB	IKU		CENTRAL HUDSON STRAIT
074	62.73800	-72.70433	358	280	1307	GRAB	IKU		CENTRAL HUDSON STRAIT
075	62.46500	-74.05183	86	280	2112	GRAB	IKU		WESTERN HUDSON STRAIT
076	62.16167	-74.70467	67	281	1452	CORE	AGC LONG CORE	587	DECEPTION BAY, QUE.
076	62.16167	-74.70467	67	281	1452	CORE	TRIGGER WEIGHT	0	DECEPTION BAY, QUE.
077	62.15967	-74.70233	69	281	1517	GRAB	VAN VEEN		DECEPTION BAY, QUE.
078	62.35400	-74.80317	110	281	1704	CAMERA	UMEL		WESTERN HUDSON STRAIT
079	62.35517	-74.80617	115	281	1725	GRAB	IKU		WESTERN HUDSON STRAIT
080	62.14117	-74.64267	40	281	1740	GRAB	VAN VEEN		DECEPTION BAY, QUE.
081	62.13667	-74.64034	70	281	1805	GRAB	VAN VEEN		DECEPTION BAY, QUE.
082	62.13667	-74.64034	70	281	1820	CORE	BENTHOS GRAVITY	0	DECEPTION BAY, QUE.
083	62.77850	-76.08900	315	282	1200	GRAB	IKU		WESTERN HUDSON STRAIT
084	62.77867	-76.08783	315	282	1242	GRAB	VAN VEEN		WESTERN HUDSON STRAIT
085	62.61583	-76.37550	380	282	1607	CORE	AGC LONG CORE	548	WESTERN HUDSON STRAIT
085	62.61583	-76.37550	380	282	1607	CORE	TRIGGER WEIGHT	30	WESTERN HUDSON STRAIT

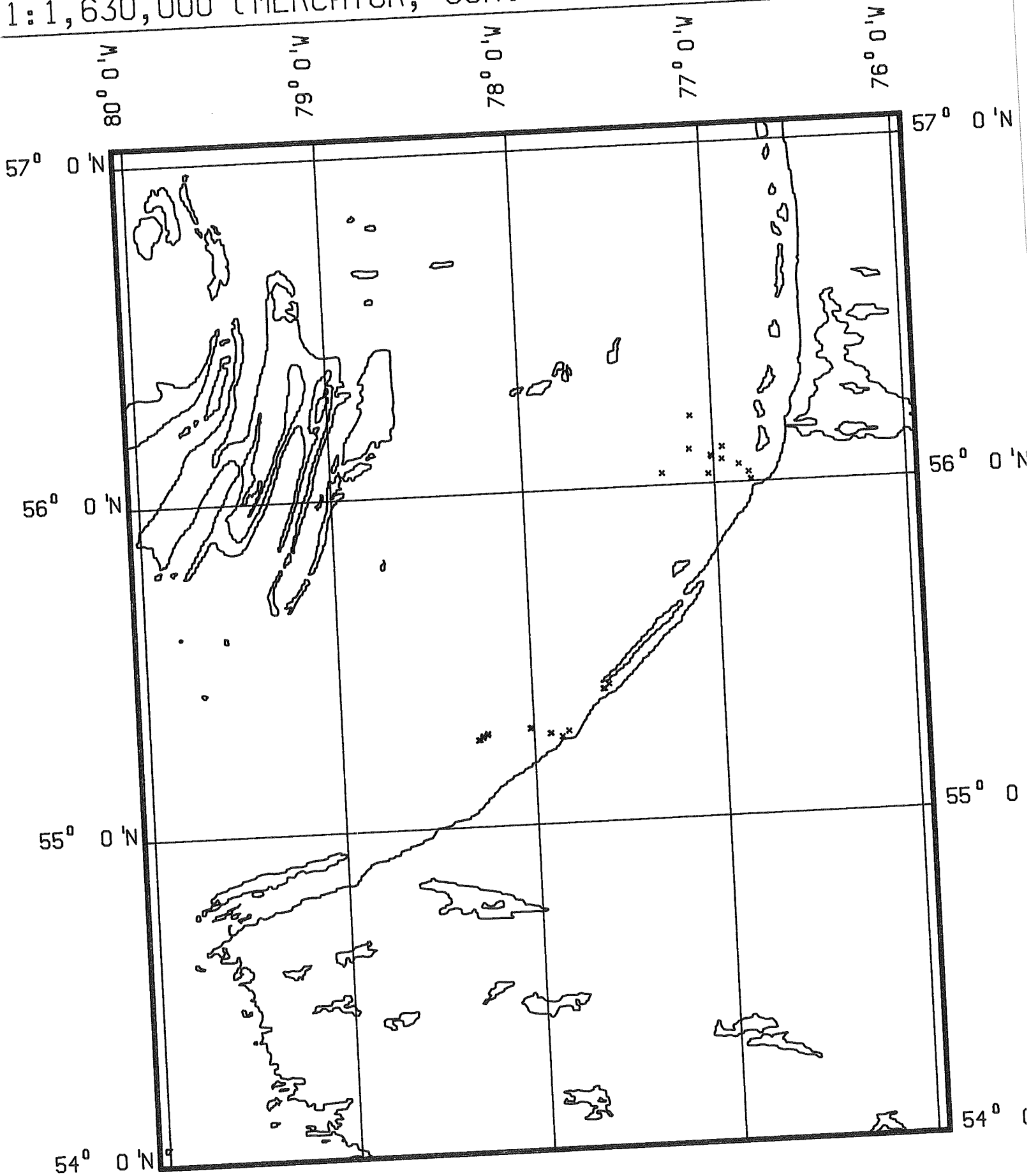
6912

STATION	LATITUDE	LONGITUDE	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)	GEOGRAPHIC AREA
086	62.61683	-76.37566	390	282	1644	GRAB	VAN VEEN		WESTERN HUDSON STRAIT
087	62.64833	-76.66283	390	282	1855	CORE	AGC LONG CORE	370	OFFSHORE PROMONTOIRE COLBERT, N. QUE.
087	62.64833	-76.66283	390	282	1855	CORE	TRIGGER WEIGHT	3	OFFSHORE PROMONTOIRE COLBERT, N. QUE.
088	62.64917	-76.66617	390	282	1938	GRAB	VAN VEEN		OFFSHORE PROMONTOIRE COLBERT, N. QUE.
089	63.04583	-81.99633	217	283	1222	CORE	AGC LONG CORE	19	NORTH COATS IS., HUDSON BAY
089	63.04583	-81.99633	217	283	1222	CORE	TRIGGER WEIGHT	0	NORTH COATS IS., HUDSON BAY
090	63.04583	-81.99700	219	283	1348	GRAB	VAN VEEN		NORTH COATS IS., HUDSON BAY
091	63.04617	-81.98833	212	283	1609	CORE	AGC LONG CORE	458	NORTH COATS IS., HUDSON BAY
091	63.04617	-81.98833	212	283	1609	CORE	TRIGGER WEIGHT	0	NORTH COATS IS., HUDSON BAY
092	62.99083	-81.96967	220	283	1954	CORE	AGC LONG CORE	710	NORTH COATS IS., HUDSON BAY
092	62.99083	-81.96967	220	283	1954	CORE	TRIGGER WEIGHT	0	NORTH COATS IS., HUDSON BAY
093	62.99600	-81.97166	220	283	1954	GRAB	VAN VEEN		NORTH COATS IS., HUDSON BAY
094	63.01617	-76.64350	320	284	1224	CORE	AGC LONG CORE	499	SOUTHEAST OF SALISBURY IS.
094	63.01617	-76.64350	320	284	1224	CORE	TRIGGER WEIGHT	0	SOUTHEAST OF SALISBURY IS.
095	63.01683	-76.64267	320	284	1255	GRAB	VAN VEEN		SOUTHEAST OF SALISBURY IS.
096	62.95750	-76.99850	275	284	1537	GRAB	IKU		SOUTHEAST OF SALISBURY IS.
097	63.24933	-75.54467	427	284	2056	CORE	AGC LONG CORE	662	WESTERN HUDSON STRAIT
097	63.24933	-75.54467	427	284	2056	CORE	TRIGGER WEIGHT	138	WESTERN HUDSON STRAIT
098	63.24717	-75.54000	427	284	2145	GRAB	VAN VEEN		WESTERN HUDSON STRAIT
099	63.06633	-74.56600	386	286	1205	CORE	AGC LONG CORE	479	WESTERN HUDSON STRAIT
099	63.06633	-74.56600	386	286	1205	CORE	TRIGGER WEIGHT	0	WESTERN HUDSON STRAIT
100	63.06783	-74.56667	393	286	1239	GRAB	VAN VEEN		WESTERN HUDSON STRAIT
101	63.04984	-74.30400	389	286	1615	CORE	AGC LONG CORE	776	WESTERN HUDSON STRAIT
101	63.04984	-74.30400	389	286	1615	CORE	TRIGGER WEIGHT	17	WESTERN HUDSON STRAIT
102	63.05117	-74.30517	421	286	1654	GRAB	VAN VEEN		WESTERN HUDSON STRAIT
103	63.04817	-74.30083	200	286	1713	WATER	PLANKTON		WESTERN HUDSON STRAIT
104	62.99300	-74.00066	410	287	1208	CORE	AGC LONG CORE	582	WESTERN HUDSON STRAIT
104	62.99300	-74.00066	410	287	1208	CORE	TRIGGER WEIGHT	115	WESTERN HUDSON STRAIT
105	62.99283	-73.99834	410	287	1248	GRAB	VAN VEEN		WESTERN HUDSON STRAIT
106	62.98967	-73.99834	412	287	2047	CORE	AGC LONG CORE	497	WESTERN HUDSON STRAIT
106	62.98967	-73.99834	412	287	2047	CORE	TRIGGER WEIGHT	81	WESTERN HUDSON STRAIT
107	61.34450	-70.62950	182	288	1137	CORE	AGC LONG CORE	750	WHITLEY BAY AREA, HUDSON STRAIT
107	61.34450	-70.62950	182	288	1137	CORE	TRIGGER WEIGHT	0	WHITLEY BAY AREA, HUDSON STRAIT
108	61.34500	-70.62783	182	288	1209	GRAB	VAN VEEN		WHITLEY BAY AREA, HUDSON STRAIT
109	61.40283	-70.62250	152	288	1326	GRAB	IKU		WHITLEY BAY AREA, HUDSON STRAIT
110	61.33167	-69.91333	210	288	1547	GRAB	IKU		EASTERN HUDSON STRAIT
111	61.32917	-69.90900	214	288	1634	GRAB	VAN VEEN		EASTERN HUDSON STRAIT
112	61.53433	-67.46783	265	288	2341	GRAB	IKU		EASTERN HUDSON STRAIT
113	62.19550	-65.73734	338	289	1243	CORE	AGC LONG CORE		FROBISHER BAY
113	62.19550	-65.73734	338	289	1243	CORE	TRIGGER WEIGHT	0	FROBISHER BAY
114	62.19584	-65.74184	343	289	1330	GRAB	VAN VEEN		FROBISHER BAY
115	62.03233	-65.53934	282	289	1655	GRAB	IKU		OUTER FROBISHER BAY AREA
116	55.81100	-57.12483	1000	292	1156	CORE	BOX		LABRADOR SHELF SLOPE
117	55.90600	-56.88550	2040	292	1400	CORE	BOX		LABRADOR SHELF SLOPE
118	54.74283	-56.08400	458	292	2253	CORE	AGC LONG CORE	1100	CARTWRIGHT SADDLE
118	54.74283	-56.08400	458	292	2253	CORE	TRIGGER WEIGHT		CARTWRIGHT SADDLE

7254

90024

SAMPLE LØCATIØNS - 90024.
1:1,630,000 (MERCATØR, 55N)

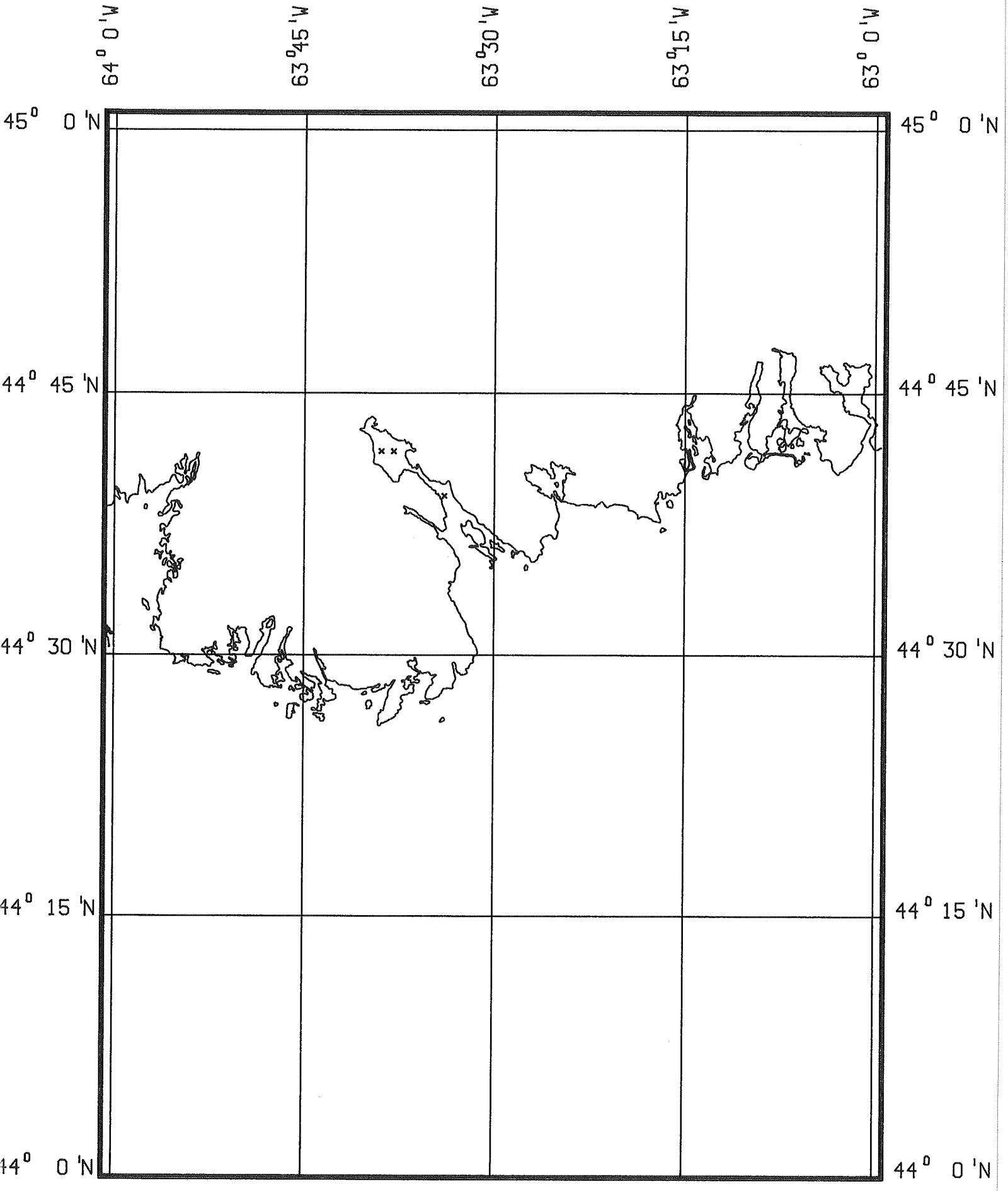


STATION	LATITUDE	LONGITUDE	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)	GEOGRAPHIC AREA
001	56.02934	-76.81834	126	282	1347	CORE	LEHIGH	222	LITTLE WHALE RIVER
002	56.05333	-76.86884	85	282	1427	CORE	LEHIGH	137	LITTLE WHALE RIVER
003	56.07000	-76.95667	167	282	1517	CORE	BENTHOS GRAVITY	135	LITTLE WHALE RIVER
004	56.07850	-77.00933	131	282	1609	CORE	BENTHOS GRAVITY	141	LITTLE WHALE RIVER
005	56.08267	-77.01417	71	282	1625	GRAB	VAN VEEN		LITTLE WHALE RIVER
006	56.02833	-77.03000	166	282	1704	CORE	BENTHOS GRAVITY	164	LITTLE WHALE RIVER
007	56.03567	-77.27283	37	282	1826	GRAB	VAN VEEN		LITTLE WHALE RIVER
008	56.10350	-77.12583	72	282	1916	CORE	BENTHOS GRAVITY	127	LITTLE WHALE RIVER
009	56.20217	-77.11450	56	282	2000	CORE	LEHIGH	23	LITTLE WHALE RIVER
010	56.10667	-76.95316	160	282	2133	CORE	LEHIGH	0	LITTLE WHALE RIVER
011	56.00767	-76.80783	42	282	2235	GRAB	VAN VEEN		LITTLE WHALE RIVER DELTA
011A	56.00700	-76.80850	49	282	2230	CORE	BENTHOS GRAVITY	30	LITTLE WHALE RIVER DELTA
012	55.26383	-77.85350	31	283	2235	CORE	LEHIGH	74	GREAT WHALE RIVER DELTA
013	55.27967	-77.81850	40	283	2300	CORE	BENTHOS GRAVITY	116	GREAT WHALE RIVER DELTA
014	55.27717	-78.24367	113	285	0054	CORE	BENTHOS GRAVITY	127	GREAT WHALE RIVER ESTUARY
015	55.28167	-78.24117	112	285	0105	GRAB	VAN VEEN		GREAT WHALE RIVER ESTUARY
016	55.27000	-78.26833	110	285	0125	CORE	BENTHOS GRAVITY	113	GREAT WHALE RIVER ESTUARY
017	55.27483	-78.26466	105	285	0135	GRAB	VAN VEEN		GREAT WHALE RIVER ESTUARY
018	55.26333	-78.29066	106	285	0202	CORE	BENTHOS GRAVITY	123	GREAT WHALE RIVER ESTUARY
019	55.26417	-78.28433	109	285	0212	GRAB	VAN VEEN		GREAT WHALE RIVER ESTUARY
020	55.29167	-78.01900	80	285	0317	GRAB	VAN VEEN		GREAT WHALE RIVER ESTUARY
021	55.29383	-78.01217	80	285	0326	CORE	BENTHOS GRAVITY	122	GREAT WHALE RIVER ESTUARY
022	55.27417	-77.91583	82	285	0400	CORE	BENTHOS GRAVITY	118	GREAT WHALE RIVER ESTUARY
023	55.27500	-77.91250	81	285	0408	GRAB	VAN VEEN		GREAT WHALE RIVER ESTUARY
024	55.41500	-77.59900	53	285	1245	CORE	LEHIGH	127	MANITOUNUK SOUND
025	55.40167	-77.62250	58	285	1312	CORE	LEHIGH	94	MANITOUNUK SOUND
026	55.40100	-77.63000	54	285	1323	CORE	LEHIGH	28	MANITOUNUK SOUND

2021

90028A

SAMPLE LØCATIØNS - 90028A.
1:500,000 (MERCATØR, 45N)

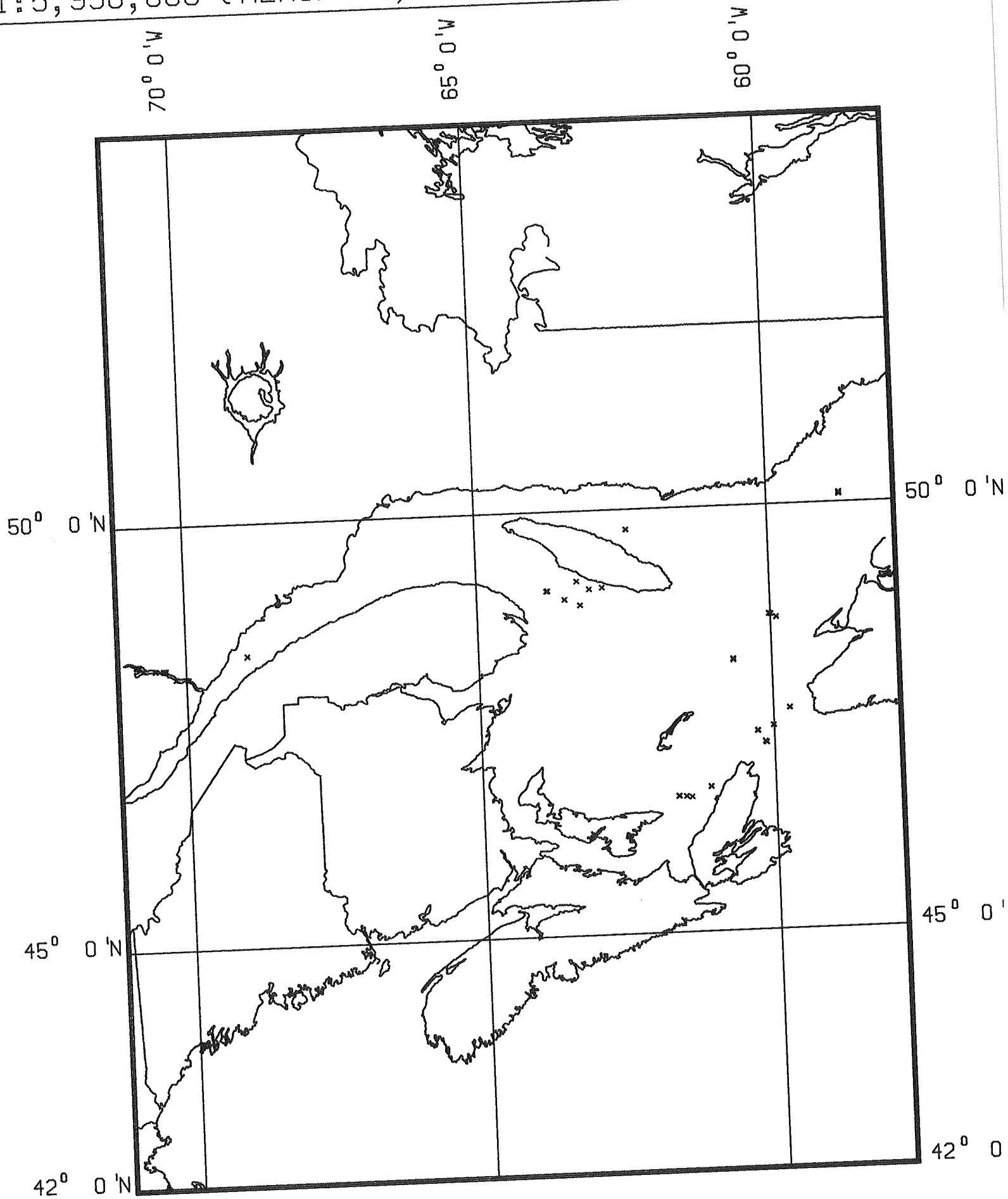


STATION	LATITUDE	LONGITUDE	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)	GEOGRAPHIC AREA
001	44.65217	-63.56583	22	303	1504	CORE	AGC LONG CORE	184	HALIFAX HARBOUR
001	44.65217	-63.56583	22	303	1504	CORE	TRIGGER WEIGHT	0	HALIFAX HARBOUR
002	44.69467	-63.64917	66	303	1714	CORE	AGC LONG CORE	779	BEDFORD BASIN
002	44.69467	-63.64917	66	303	1714	CORE	TRIGGER WEIGHT	20	BEDFORD BASIN
003	44.69450	-63.63300	66	303	1951	CORE	AGC LONG CORE	763	BEDFORD BASIN
003	44.69450	-63.63300	66	303	1951	CORE	TRIGGER WEIGHT	122	BEDFORD BASIN

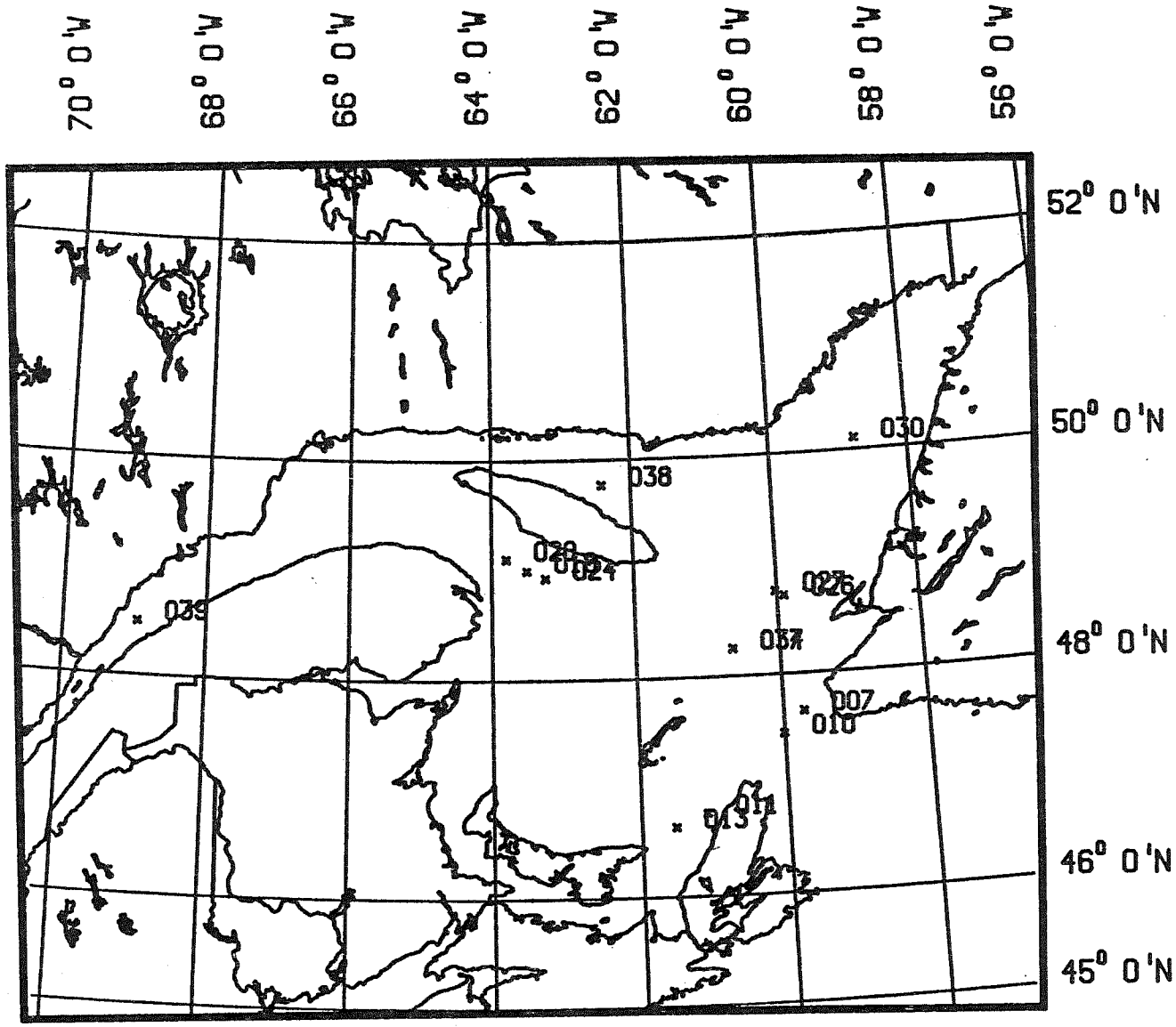
1868

90028

SAMPLE LØCATIØNS - 90028.
1:5,950,000 (MERCATØR, 50N)

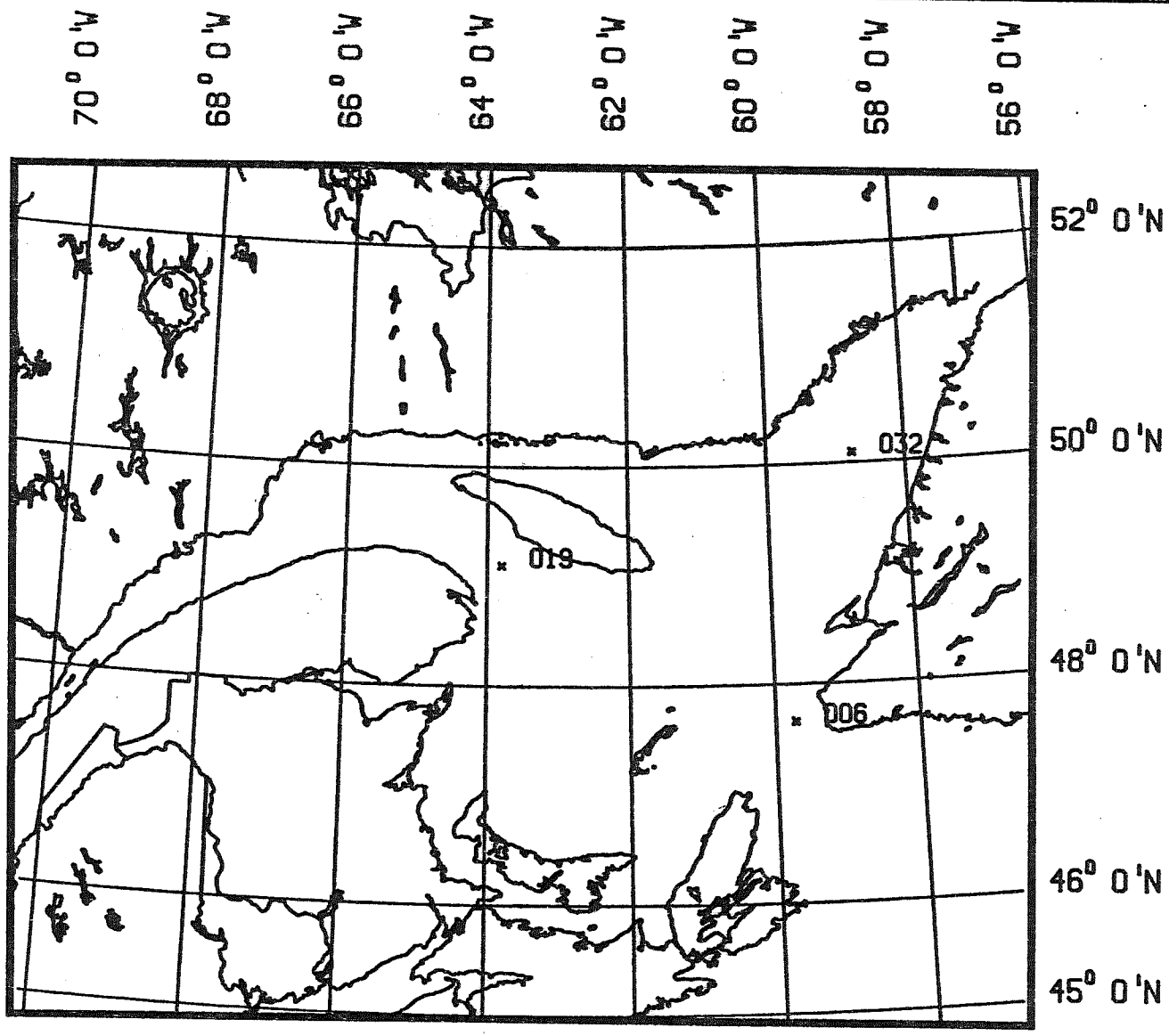


HUDSØN 90-028
CØRE SAMPLE LØCATIØNS



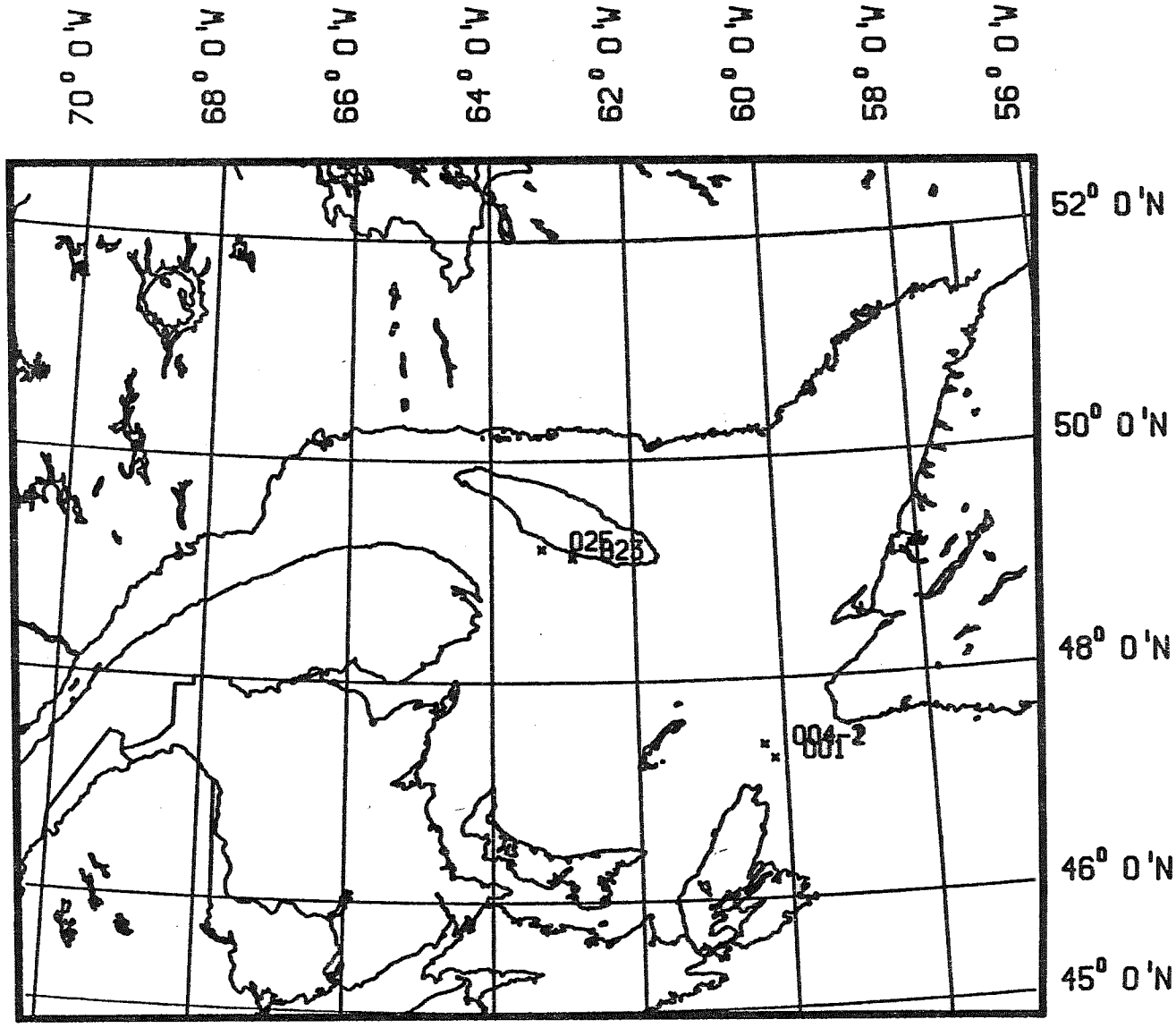
ATLANTIC GEØSCIENCE CENTRE

HUDSØN 90-028
BØXCØRE SAMPLE LØCATIØNS



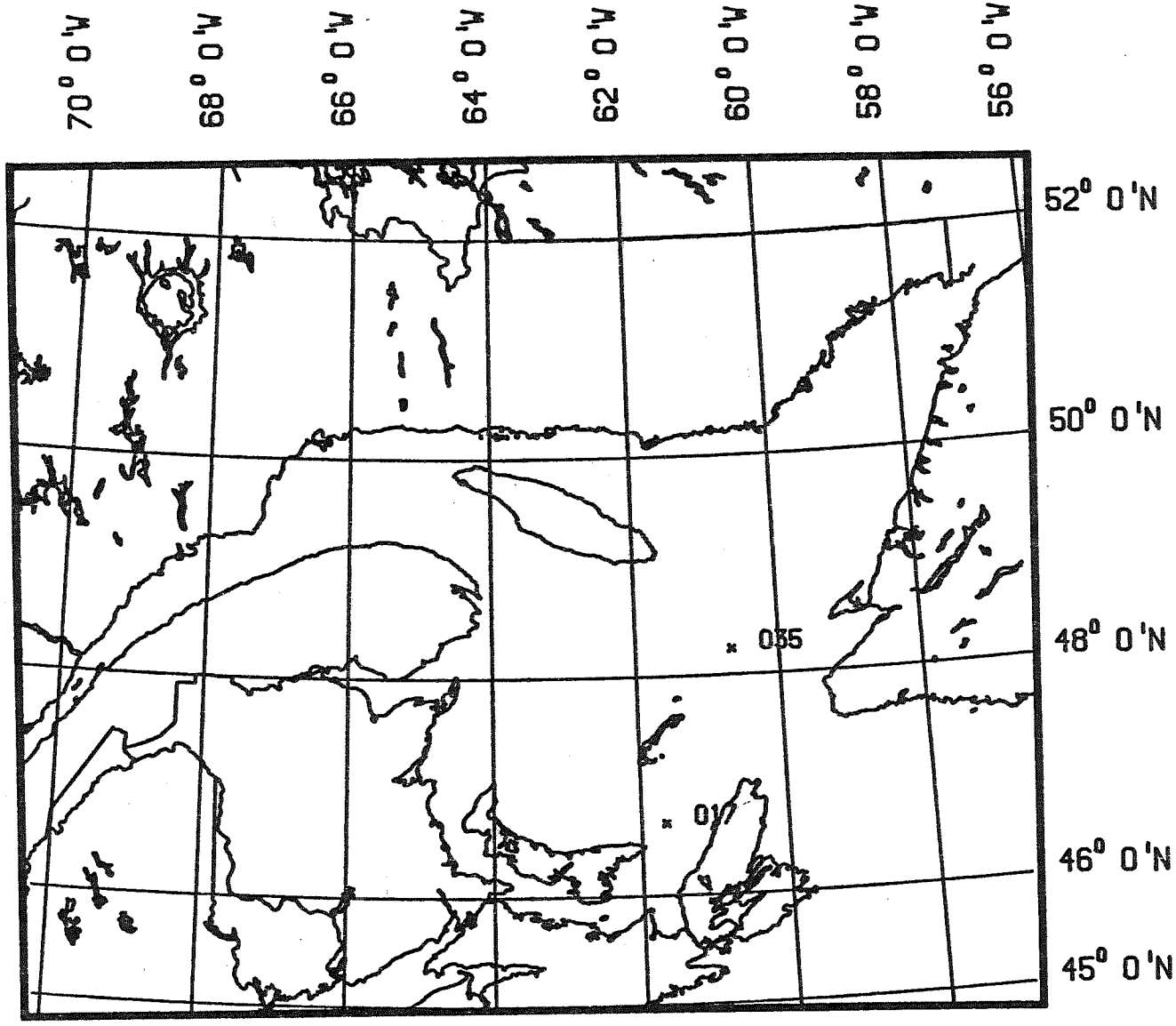
ATLANTIC GEØSCIENCE CENTRE

HUDSØN 90-028
IKU GRAB SAMPLE LØCATIØNS



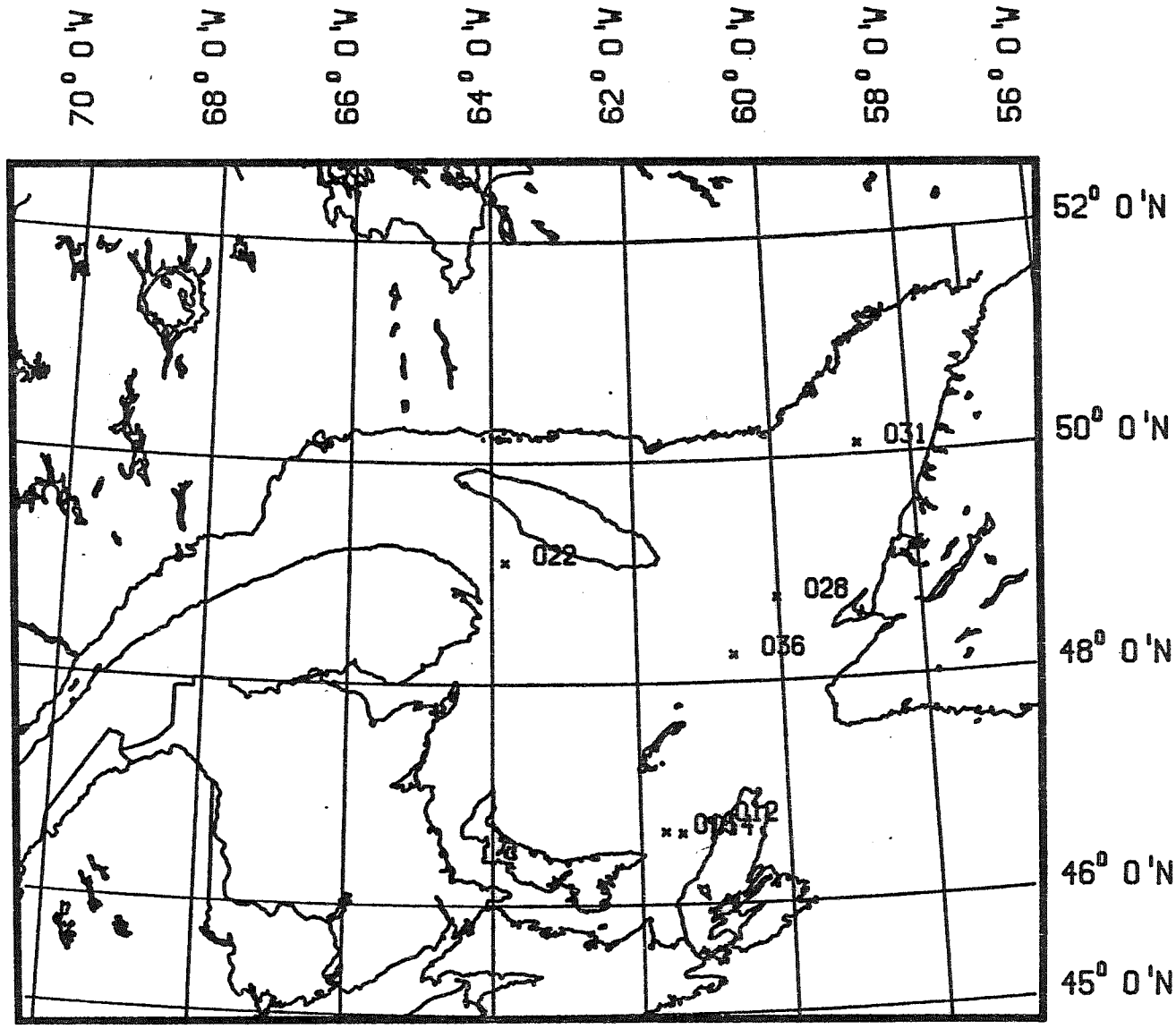
ATLANTIC GEØSCIENCE CENTRE

HUDSØN 90-028
VANVEEN GRAB SAMPLE LØCATIØNS



ATLANTIC GEØSCIENCE CENTRE

HUDSØN 90-028
CAMERA LØCATIØNS



ATLANTIC GEØSCIENCE CENTRE

STATION	LATITUDE	LONGITUDE	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)	GEOGRAPHIC AREA
001	47.27450	-60.15483	254	306	1805	GRAB	IKU		ST. PAUL ISLAND, CAPE BRETON TROUGH
002	47.26800	-60.15000	250	306	1929	WATER	CTD		CABOT STRAIT, NEAR ST. PAUL ISLAND
003	47.25983	-60.13533	250	306	2015	WATER	NISKIN		NEAR ILES DE LA MADELEINE
004-1	47.40217	-60.28433	143	307	0010	GRAB	IKU		ST. PAUL ISLAND, CAPE BRETON TROUGH
004-2	47.40183	-60.28500	143	307	0025	GRAB	IKU		ST. PAUL ISLAND, CAPE BRETON TROUGH
005	47.40100	-60.27600	145	307	0047	WATER	CTD		JACQUES CARTIER CHANNEL
006	47.65900	-59.72183	521	307	1411	CORE	BOX		CABOT STRAIT
007	47.65900	-59.72083	521	307	1534	CORE	AGC LONG CORE	580	CABOT STRAIT
007	47.65900	-59.72083	521	307	1534	CORE	TRIGGER WEIGHT	60	CABOT STRAIT
008	47.65867	-59.72150	523	307	1638	WATER	NISKIN		CABOT STRAIT
009	47.46233	-60.00983	497	307	1915	WATER	CTD		CABOT STRAIT
010	47.45950	-60.00867	491	307	2046	CORE	AGC LONG CORE	1155	CABOT STRAIT
010	47.45950	-60.00867	491	307	2046	CORE	TRIGGER WEIGHT	118	CABOT STRAIT
011	46.75850	-61.10850	119	308	1457	CORE	AGC LONG CORE	508	CAPE BRETON TROUGH
011	46.75850	-61.10850	119	308	1457	CORE	TRIGGER WEIGHT	0	CAPE BRETON TROUGH
012	46.75834	-61.11167	130	308	1525	CAMERA	UMEL		CAPE BRETON CHANNEL
012	46.75834	-61.11167	130	308	1525	WATER	CTD		CAPE BRETON CHANNEL
013	46.65283	-61.53733	63	308	1758	CORE	AGC LONG CORE	0	CAPE BRETON CHANNEL, MAGDELEINE PLATEAU
013	46.65283	-61.53733	63	308	1758	CORE	TRIGGER WEIGHT	0	CAPE BRETON CHANNEL, MAGDELEINE PLATEAU
014	46.64217	-61.44250	59	308	2027	CAMERA	UMEL		SOUTHEAST GULF OF ST. LAWRENCE
015	46.65850	-61.66767	64	308	2224	CAMERA	UMEL		SOUTHEAST GULF OF ST. LAWRENCE
015	46.65850	-61.66767	64	308	2224	WATER	CTD		SOUTHEAST GULF OF ST. LAWRENCE
016	46.65700	-61.66667	64	308	2318	WATER	NISKIN		CAPE BRETON TROUGH, SOUTHEAST GULF
017	46.65750	-61.65983	58	308	2330	GRAB	VAN VEEN		SOUTH EAST GULF
018	49.00317	-63.50400	378	310	1409	CORE	AGC LONG CORE	1031	LAURENTIAN CHANNEL
018	49.00317	-63.50400	378	310	1409	CORE	TRIGGER WEIGHT	142	LAURENTIAN CHANNEL
019	49.10817	-63.79300	382	310	1810	CORE	BOX		LAURENTIAN CHANNEL
020	49.10800	-63.79267	383	310	1940	CORE	AGC LONG CORE	830	LAURENTIAN CHANNEL
020	49.10800	-63.79267	383	310	1940	CORE	TRIGGER WEIGHT	152	LAURENTIAN CHANNEL
021	49.11167	-63.08000	384	310	2040	WATER	NISKIN		LAURENTIAN CHANNEL
022	49.10600	-63.80933	379	310	2124	CAMERA	UMEL		HONDUEGO - ANTICOSTI
023	49.12500	-62.85933	36	311	1829	GRAB	IKU		WEST COAST OF ANTICOSTI ISLAND
024	48.93333	-63.24217	194	311	2037	CORE	AGC LONG CORE	224	LAURENTIAN CHANNEL
024	48.93333	-63.24217	194	311	2037	CORE	TRIGGER WEIGHT	180	LAURENTIAN CHANNEL
025	49.20650	-63.28933	192	311	2236	GRAB	IKU		SOUTH OF ANTICOSTI ISLAND
026	48.71700	-59.90217	318	312	1805	CORE	AGC LONG CORE	0	OFF PORTE A PORT PENNISULA
026	48.71700	-59.90217	318	312	1805	CORE	TRIGGER WEIGHT	0	OFF PORTE A PORT PENNISULA
027	48.75883	-60.01966	199	312	2039	CORE	AGC LONG CORE	470	OFF PORTE A PORT PENNISULA
027	48.75883	-60.01966	199	312	2039	CORE	TRIGGER WEIGHT	164	OFF PORTE A PORT PENNISULA
028	48.75717	-60.01700	331	312	2137	CAMERA	UMEL		OFF PORTE A PORT PENNISULA
028	48.75717	-60.01700	331	312	2137	WATER	CTD		OFF PORTE A PORT PENNISULA
029	48.75500	-59.99250	331	312	2240	WATER	NISKIN		OFF PORTE A PORT PENNISULA
030	50.10600	-58.75717	294	313	1830	CORE	AGC LONG CORE	54	ESQUIMAN CHANNEL
030	50.10600	-58.75717	294	313	1830	CORE	TRIGGER WEIGHT	153	ESQUIMAN CHANNEL
031	50.10000	-58.75667	294	313	2137	CAMERA	UMEL		ESQUIMAN CHANNEL
031	50.10000	-58.75667	294	313	2137	WATER	CTD		ESQUIMAN CHANNEL
032	50.09200	-58.75733	290	313	2207	CORE	BOX		ESQUIMAN CHANNEL
033	50.08717	-58.75700	290	313	2300	WATER	NISKIN		ESQUIMAN CHANNEL
034	48.25000	-60.65717	439	314	1757	CORE	AGC LONG CORE	265	LAURENTIAN CHANNEL
034	48.25000	-60.65717	439	314	1757	CORE	TRIGGER WEIGHT	143	LAURENTIAN CHANNEL
035	48.23867	-60.65333	439	314	1830	GRAB	VAN VEEN		LAURENTIAN CHANNEL
036	48.25033	-60.65683	439	314	2000	WATER	CTD		LAURENTIAN CHANNEL
036	48.25033	-60.65683	439	314	2000	CAMERA	UMEL		LAURENTIAN CHANNEL
037	48.25000	-60.65700	439	314	2029	CORE	AGC LONG CORE	648	LAURENTIAN CHANNEL

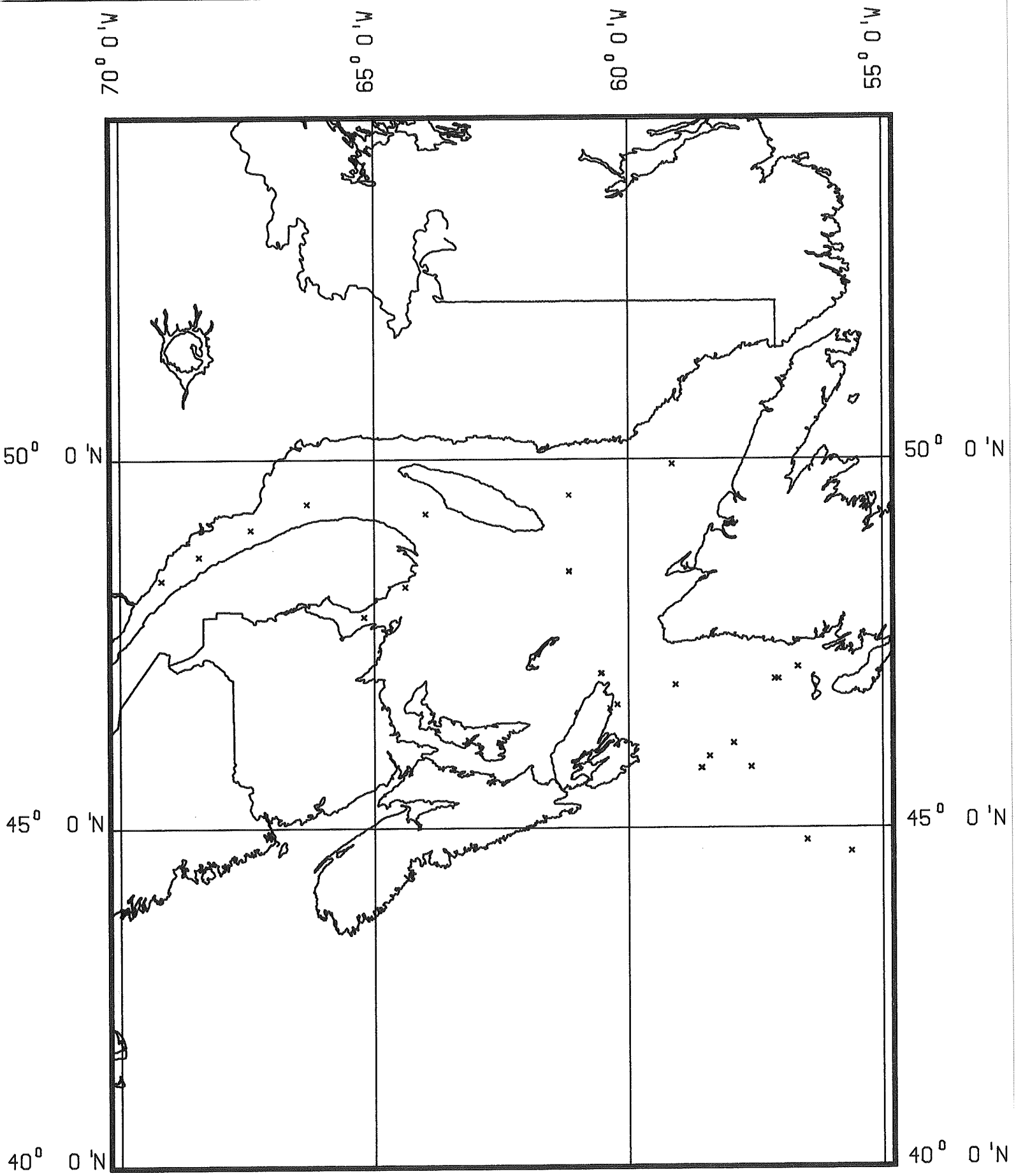
6947

STATION	LATITUDE	LONGITUDE	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)	GEOGRAPHIC AREA
037	48.25000	-60.65700	439	314	2029	CORE	TRIGGER WEIGHT	144	LAURENTIAN CHANNEL
038	49.77350	-62.41767	240	315	1435	CORE	AGC LONG CORE	927	JACQUES CARTIER CHANNEL
038	49.77350	-62.41767	240	315	1435	CORE	TRIGGER WEIGHT	112	JACQUES CARTIER CHANNEL
039	48.49217	-68.95700	128	317	1642	CORE	AGC LONG CORE	1328	ST. LAWRENCE ESTUARY
039	48.49217	-68.95700	128	317	1642	CORE	TRIGGER WEIGHT	0	ST. LAWRENCE ESTUARY
040	48.35383	-70.38450	258	318	1350	CORE	BOX		SAGUENAY RIVER
041	48.35350	-70.38383	260	318	1523	CORE	AGC LONG CORE	1216	SAGUENAY RIVER
041	48.35350	-70.38383	260	318	1523	CORE	TRIGGER WEIGHT	126	SAGUENAY RIVER
042	48.35350	-70.38383	206	318	1605	WATER	NISKIN		SAGUENAY RIVER
043	48.35233	-70.37550	261	318	1901	CORE	AGC LONG CORE		SAGUENAY RIVER
043	48.35233	-70.37550	261	318	1901	CORE	TRIGGER WEIGHT		SAGUENAY RIVER
044	48.35333	-70.38450	254	319	0311	CORE	LEHIGH		SAGUENAY RIVER
045	48.35350	-70.35133	260	319	0348	CAMERA	UMEL		SAGUENAY RIVER
045	48.35350	-70.35133	260	319	0348	WATER	CTD		SAGUENAY RIVER
046	48.40500	-70.80717	99	319	1422	CORE	AGC LONG CORE	927	SAGUENAY RIVER
046	48.40500	-70.80717	99	319	1422	CORE	TRIGGER WEIGHT	26	SAGUENAY RIVER
047	48.40417	-70.80733	104	319	1607	CORE	BOX		SAGUENAY RIVER
048	48.36817	-70.73534	192	319	1805	CORE	BOX		SAGUENAY RIVER
048	48.36817	-70.73534	104	319	1805	WATER	CTD		SAGUENAY RIVER
049	48.36717	-70.73400	193	319	1929	CORE	AGC LONG CORE		SAGUENAY RIVER
049	48.36717	-70.73400	193	319	1929	CORE	TRIGGER WEIGHT	115	SAGUENAY RIVER
050	48.36750	-70.73450	190	319	2017	WATER	NISKIN		SAGUENAY RIVER
051	48.35717	-70.53484	260	319	2307	CORE	BOX		SAGUENAY RIVER
052	48.40850	-70.84216	75	320	1315	CORE	LEHIGH	270	SAGUENAY RIVER
053	48.41683	-70.85467	62	320	1415	CORE	LEHIGH	150	SAGUENAY RIVER
054	48.40983	-70.85516	186	320	1455	CORE	LEHIGH	40	SAGUENAY RIVER
055	48.35750	-70.52583	258	320	1553	CORE	AGC LONG CORE	953	SAGUENAY RIVER
055	48.35750	-70.52583	258	320	1553	CORE	TRIGGER WEIGHT	172	SAGUENAY RIVER
056	48.25233	-70.17550	196	320	1812	CORE	BOX		SAGUENAY RIVER
057	48.25233	-70.17550	186	320	2014	CORE	AGC LONG CORE		SAGUENAY RIVER
057	48.25233	-70.17550	186	320	2014	CORE	TRIGGER WEIGHT		SAGUENAY RIVER
058	48.24117	-69.96967	97	320	2202	WATER	CTD		SAGUENAY RIVER
059	48.24233	-69.97117	97	320	2220	WATER	NISKIN		SAGUENAY RIVER
060	48.24133	-69.96950	95	320	2252	CAMERA	UMEL		SAGUENAY RIVER

6506

90031

SAMPLE LØCATIØNS - 90031.
1:6,900,000 (MERCATØR, 50N)



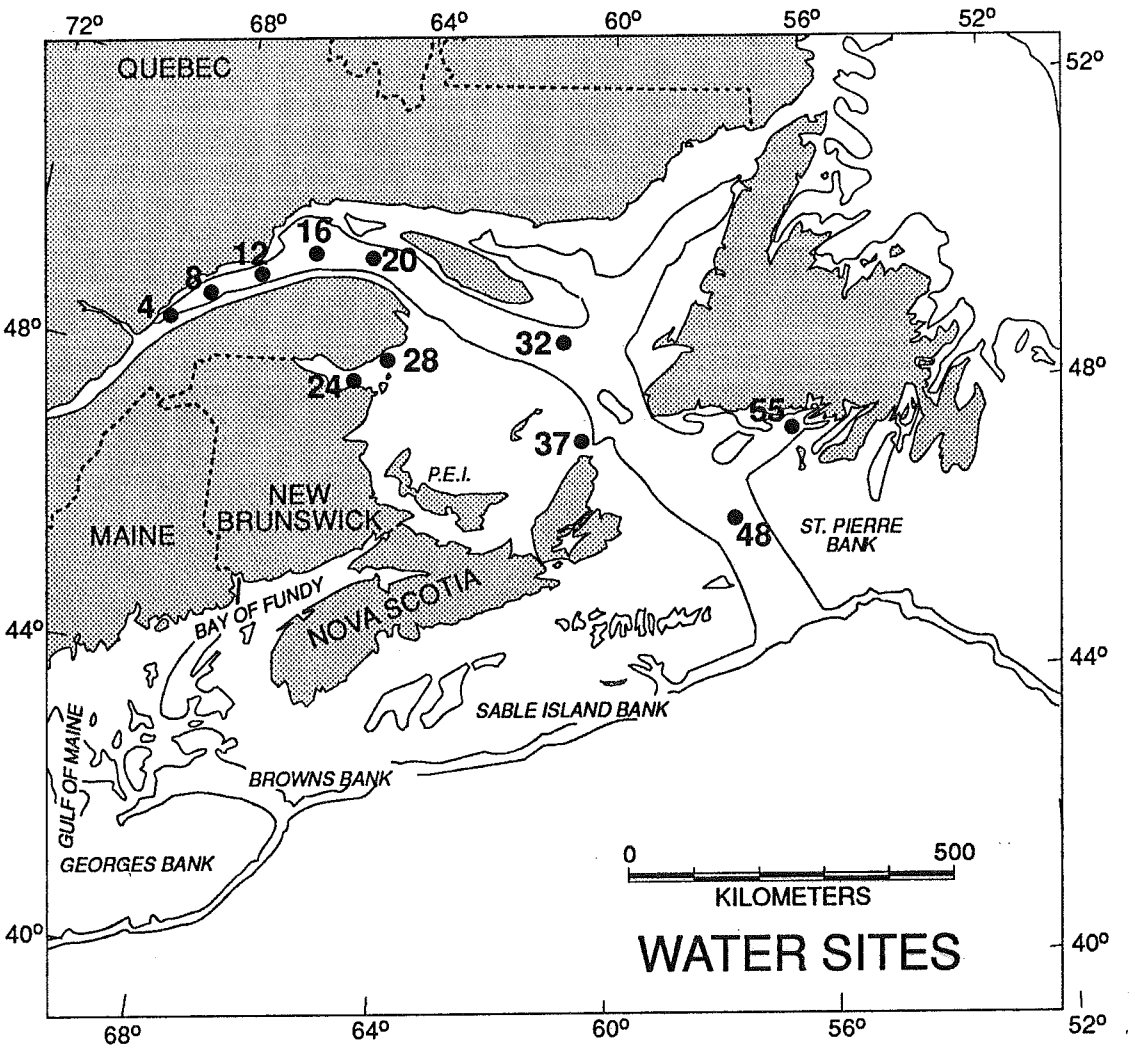


Figure 1. Water station locations

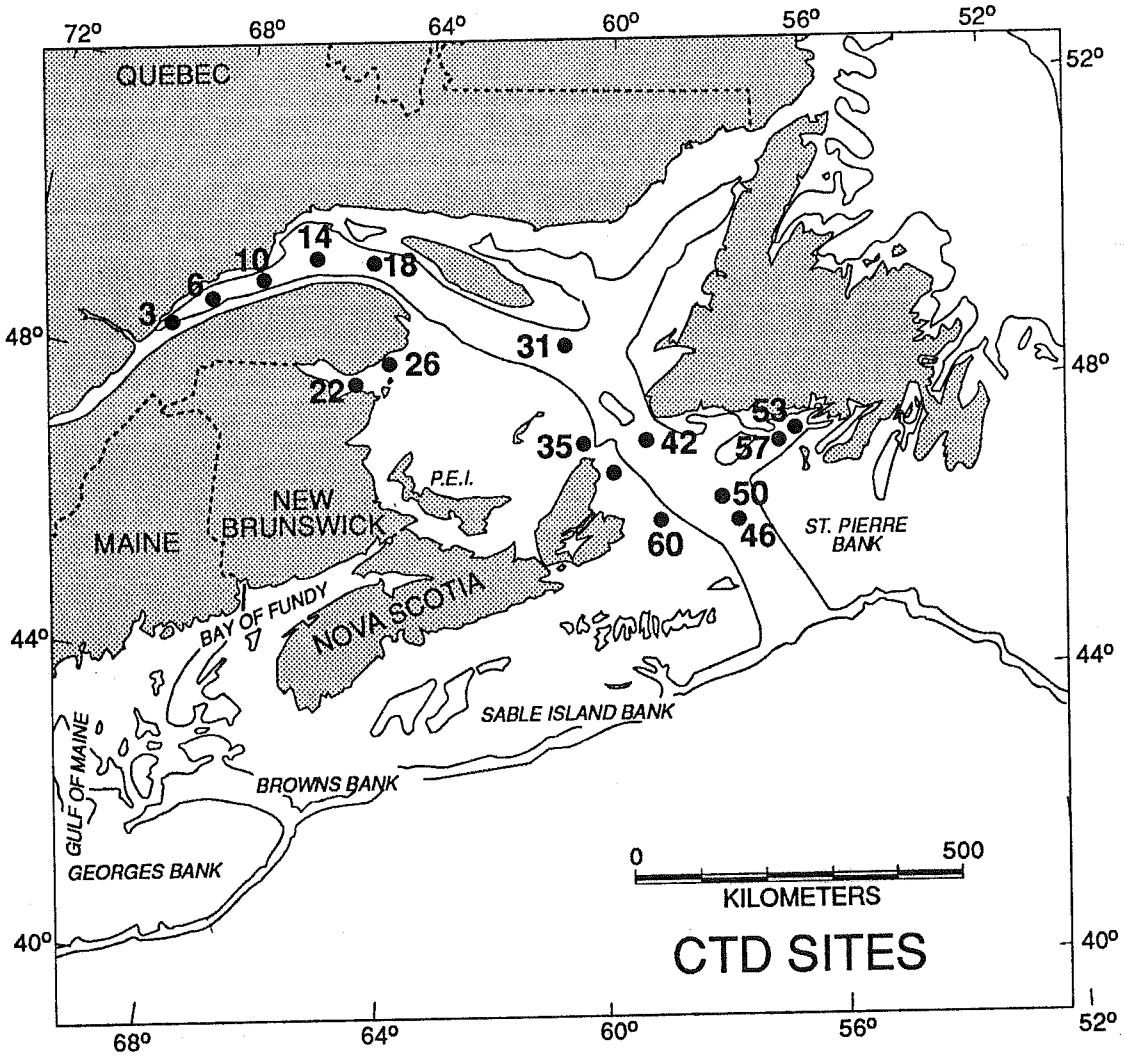


Figure 2. CTD station locations

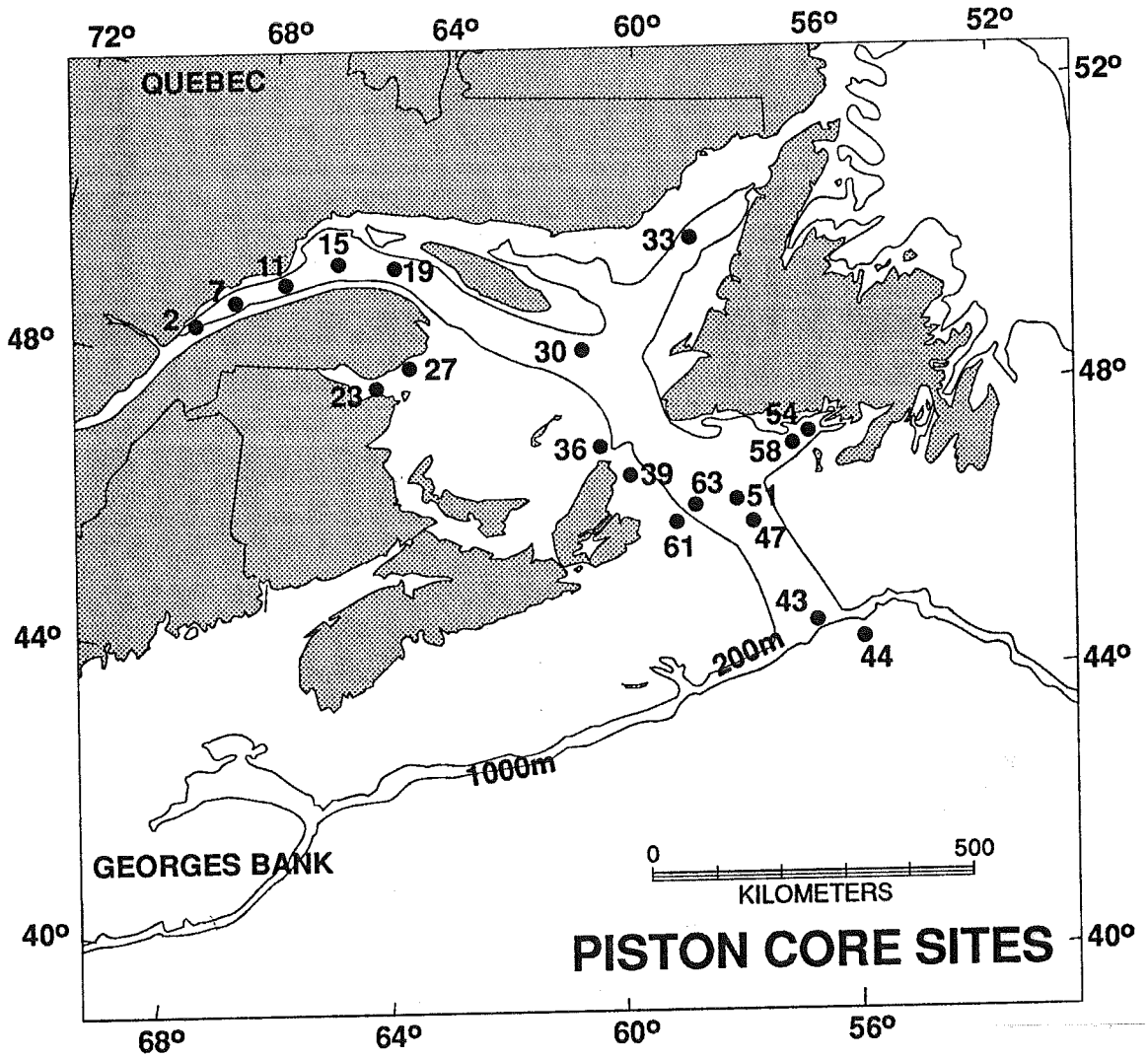


Figure 3. Piston core station locations.

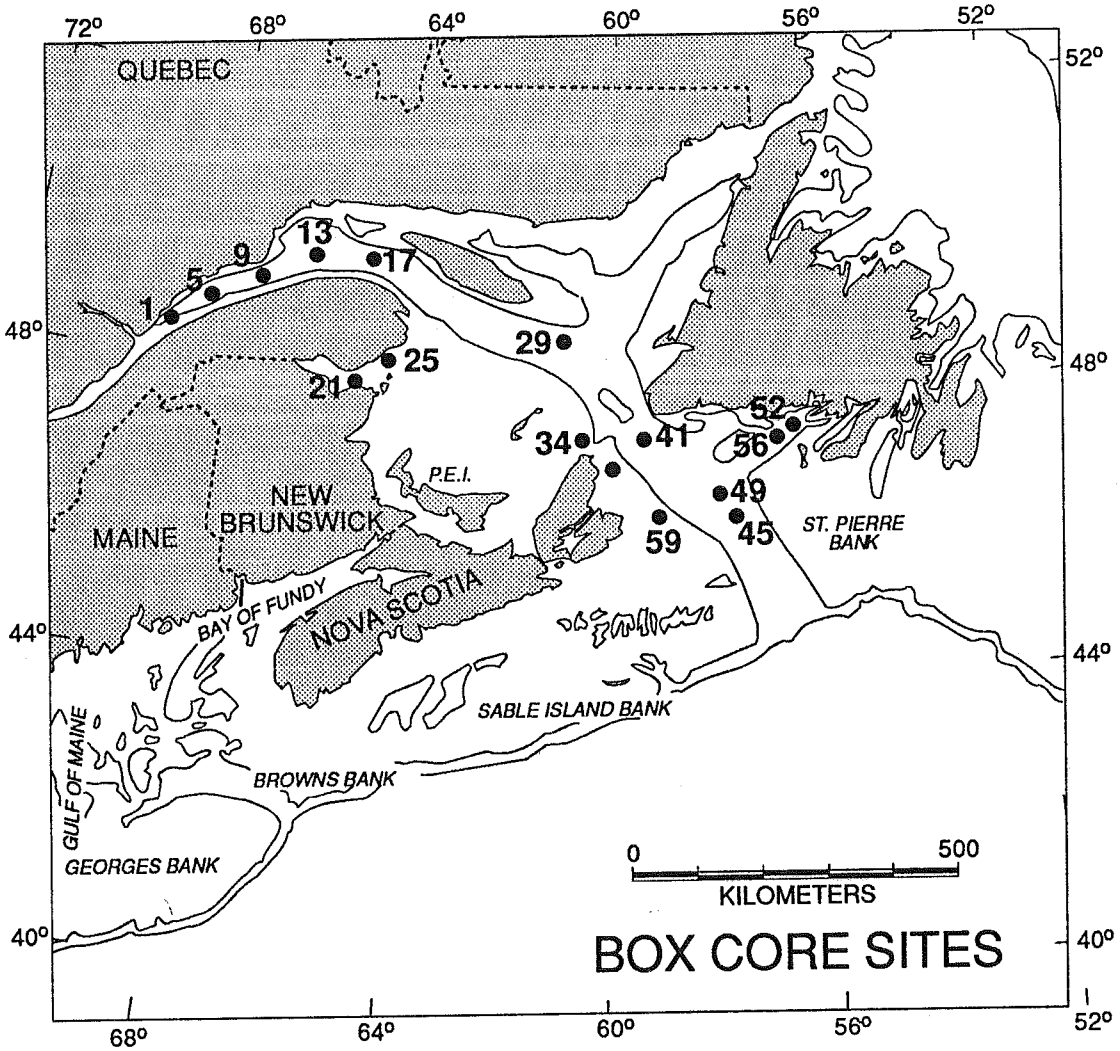


Figure 4. Box core station locations.

STATION	LATITUDE	LONGITUDE	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)	GEOGRAPHIC AREA
001	48.41417	-69.19167	309	324	1319	CORE	BOX		INNER ESTUARY, ST. LAWRENCE RIVER
002	48.41417	-69.19167	309	324	1446	CORE	AGC LONG CORE	1501	INNER ESTUARY, ST. LAWRENCE RIVER
002	48.41417	-69.19167	309	324	1446	CORE	TRIGGER WEIGHT	94	INNER ESTUARY, ST. LAWRENCE RIVER
003	48.41417	-69.19167	309	324	1725	WATER	CTD		INNER ESTUARY, ST. LAWRENCE RIVER
004	48.41417	-69.19167	309	324	1822	WATER	NISKIN		INNER ESTUARY, ST. LAWRENCE RIVER
005	48.73383	-68.45284	355	324	2048	CORE	BOX		LOWER ST. LAWRENCE ESTUARY
006	48.73383	-68.45284	355	324	2041	WATER	CTD		LOWER ST. LAWRENCE ESTUARY
007	48.73367	-68.45450	355	324	2226	CORE	AGC LONG CORE	1534	LOWER ST. LAWRENCE ESTUARY
007	48.73367	-68.45450	355	324	2226	CORE	TRIGGER WEIGHT	121	LOWER ST. LAWRENCE ESTUARY
008	48.73367	-68.45450	355	324	2318	WATER	NISKIN		LOWER ST. LAWRENCE ESTUARY
009	49.08900	-67.43833	311	325	1338	CORE	BOX		GULF OF ST. LAWRENCE
010	49.08900	-67.43833	311	325	1338	WATER	CTD		GULF OF ST. LAWRENCE
011	49.08733	-67.43700	311	325	1435	CORE	AGC LONG CORE	1243	GULF OF ST. LAWRENCE
011	49.08733	-67.43700	311	325	1435	CORE	TRIGGER WEIGHT	61	GULF OF ST. LAWRENCE
012	49.08600	-67.43800	311	325	1528	WATER	NISKIN		GULF OF ST. LAWRENCE
013	49.42367	-66.32417	322	326	1326	CORE	BOX		GULF OF ST. LAWRENCE
014	49.42367	-66.32417	322	326	1320	WATER	CTD		GULF OF ST. LAWRENCE
015	49.42367	-66.32417	322	326	1421	CORE	AGC LONG CORE	1069	GULF OF ST. LAWRENCE
015	49.42367	-66.32417	322	326	1421	CORE	TRIGGER WEIGHT	169	GULF OF ST. LAWRENCE
016	49.42367	-66.32417	322	326	1527	WATER	NISKIN		GULF OF ST. LAWRENCE
017	49.29067	-63.99283	373	327	1223	CORE	BOX		GULF OF ST. LAWRENCE
018	49.29067	-63.99283	373	327	1217	WATER	CTD		GULF OF ST. LAWRENCE
019	49.29067	-63.99283	373	327	1317	CORE	AGC LONG CORE	1173	GULF OF ST. LAWRENCE
019	49.29067	-63.99283	373	327	1317	CORE	TRIGGER WEIGHT	99	GULF OF ST. LAWRENCE
020	49.29067	-63.99283	373	327	1408	WATER	NISKIN		GULF OF ST. LAWRENCE
021	47.92383	-65.20517	73	328	1219	CORE	BOX		BAIE DE CHALEUR
022	47.92383	-65.20517	73	328	1219	WATER	CTD		BAIE DE CHALEUR
023	47.92383	-65.20517	73	328	1303	CORE	AGC LONG CORE	759	BAIE DE CHALEUR
023	47.92383	-65.20517	73	328	1303	CORE	TRIGGER WEIGHT	36	BAIE DE CHALEUR
024	47.92383	-65.20517	73	328	1340	WATER	NISKIN		BAIE DE CHALEUR
025	48.32467	-64.39233	109	328	1707	CORE	BOX		BAIE DE CHALEUR
026	48.32467	-64.39233	109	328	1707	WATER	CTD		BAIE DE CHALEUR
027	48.32467	-64.39233	109	328	1759	CORE	AGC LONG CORE	1130	BAIE DE CHALEUR
027	48.32467	-64.39233	109	328	1759	CORE	TRIGGER WEIGHT	108	BAIE DE CHALEUR
028	48.32467	-64.39233	109	328	1841	WATER	NISKIN		BAIE DE CHALEUR
029	48.52517	-61.17017	408	329	1231	CORE	BOX		GULF OF ST. LAWRENCE
030	48.52517	-61.17017	408	329	1334	CORE	AGC LONG CORE	1009	GULF OF ST. LAWRENCE
030	48.52517	-61.17017	408	329	1334	CORE	TRIGGER WEIGHT	157	GULF OF ST. LAWRENCE
031	49.53333	-61.17017	409	329	1445	WATER	CTD		GULF OF ST. LAWRENCE
032	48.53400	-61.17000	409	329	1511	WATER	NISKIN		GULF OF ST. LAWRENCE
033	49.93483	-59.13750	268	330	1324	CORE	AGC LONG CORE	614	ESQUIMAN CHANNEL, GULF OF ST. LAWRENCE
033	49.93483	-59.13750	268	330	1324	CORE	TRIGGER WEIGHT	148	ESQUIMAN CHANNEL, GULF OF ST. LAWRENCE
034	47.15250	-60.54233	170	332	1248	CORE	BOX		CABOT STRAIT
035	47.15250	-60.54233	170	332	1242	WATER	CTD		CABOT STRAIT
036	47.15250	-60.54250	170	332	1350	CORE	AGC LONG CORE	850	CABOT STRAIT
036	47.15250	-60.54250	170	332	1350	CORE	TRIGGER WEIGHT	36	CABOT STRAIT
037	47.15783	-60.52617	170	332	1448	WATER	NISKIN		CABOT STRAIT
038	46.72433	-60.21917	154	332	1820	GRAB	VAN VEEN		CABOT STRAIT
039	46.72450	-60.21933	154	332	1848	CORE	AGC LONG CORE		CABOT STRAIT
039	46.72450	-60.21933	154	332	1848	CORE	TRIGGER WEIGHT	0	CABOT STRAIT
040	46.67500	-60.36666	18	354	2131	GRAB	VAN VEEN		SOUTH INGONISH BAY, CAPE BRETON
041	46.99267	-59.07433	448	333	1259	CORE	BOX		LAURENTIAN CHANNEL
042	46.99267	-59.07433	448	333	1249	WATER	CTD		LAURENTIAN CHANNEL
043	44.81967	-56.49117	387	334	1812	CORE	AGC LONG CORE	483	LAURENTIAN CHANNEL

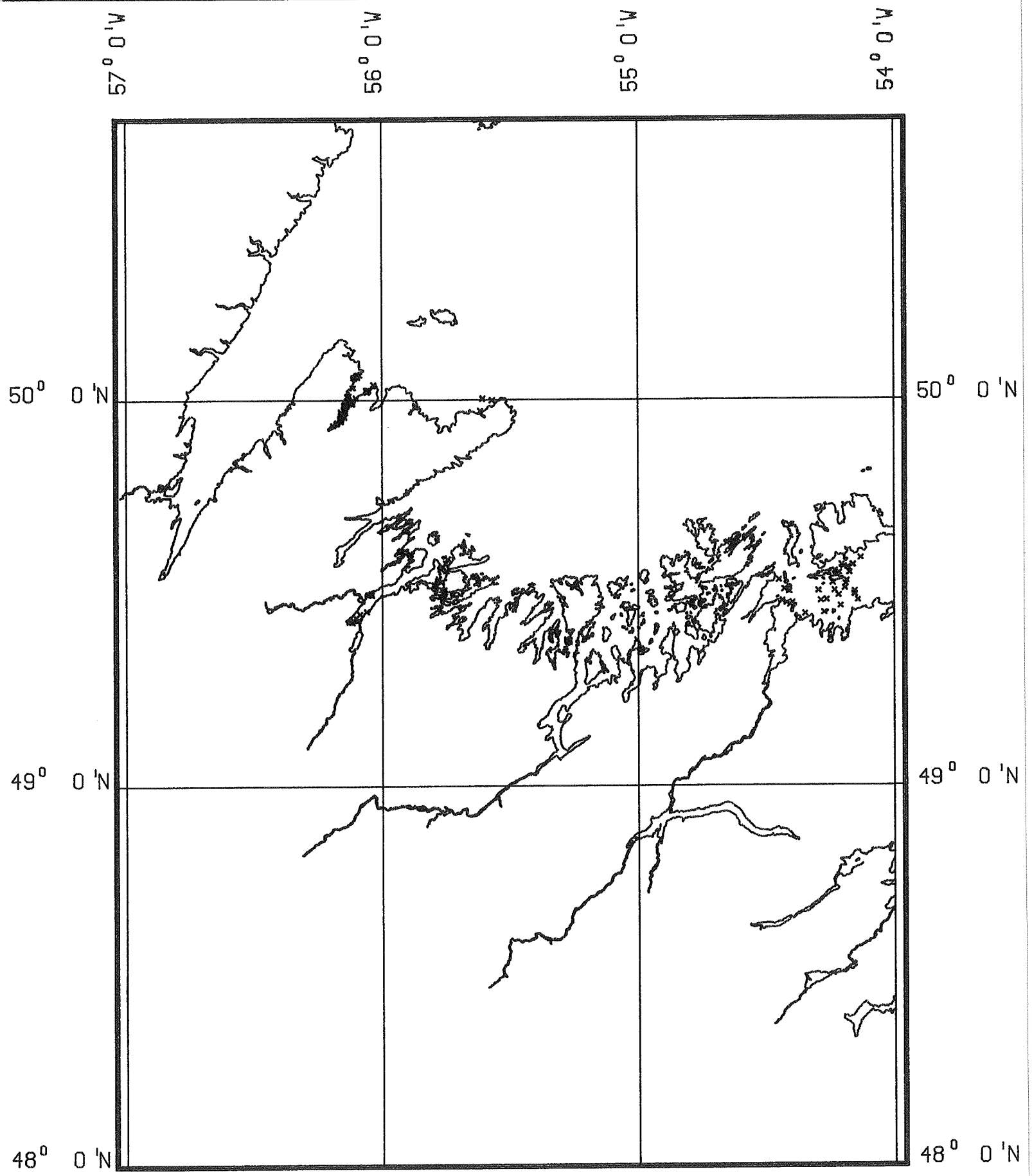
12397

STATION	LATITUDE	LONGITUDE	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)	GEOGRAPHIC AREA
043	44.81967	-56.49117	387	334	1812	CORE	TRIGGER WEIGHT	0	LAURENTIAN CHANNEL
044	44.65700	-55.61883	1378	335	2220	CORE	AGC LONG CORE	941	LAURENTIAN FAN
044	44.65700	-55.61883	1378	335	2220	CORE	TRIGGER WEIGHT	73	LAURENTIAN FAN
045	45.85266	-57.59133	473	336	1228	CORE	BOX		LAURENTIAN CHANNEL
046	45.85266	-57.59133	473	336	1220	WATER	CTD		LAURENTIAN CHANNEL
047	45.85250	-57.59267	473	336	1324	CORE	AGC LONG CORE		LAURENTIAN CHANNEL
047	45.85250	-57.59267	473	336	1324	CORE	TRIGGER WEIGHT		LAURENTIAN CHANNEL
048	45.85250	-57.59267	473	336	1458	WATER	NISKIN		LAURENTIAN CHANNEL
049	46.18683	-57.93616	468	336	1736	CORE	BOX		LAURENTIAN CHANNEL
050	46.18700	-57.93567	468	336	1727	WATER	CTD		LAURENTIAN CHANNEL
051	46.18700	-57.93567	468	336	1833	CORE	AGC LONG CORE		LAURENTIAN CHANNEL
051	46.18700	-57.93567	468	336	1833	CORE	TRIGGER WEIGHT		LAURENTIAN CHANNEL
052	47.23817	-56.66950	355	337	1243	CORE	BOX		HERMITAGE STRAIT
053	47.23817	-56.66950	355	337	1230	WATER	CTD		HERMITAGE STRAIT
054	47.23817	-56.66950	355	337	1334	CORE	AGC LONG CORE		HERMITAGE STRAIT
054	47.23817	-56.66950	355	337	1334	CORE	TRIGGER WEIGHT		HERMITAGE STRAIT
055	47.23817	-56.66950	355	337	1418	WATER	NISKIN		HERMITAGE STRAIT
056	47.07300	-57.12200	333	337	1744	CORE	BOX		HERMITAGE STRAIT
057	47.07300	-57.12200	333	337	1744	WATER	CTD		HERMITAGE STRAIT
058	47.07283	-57.05117	329	337	1843	CORE	AGC LONG CORE		HERMITAGE STRAIT
058	47.07283	-57.05117	329	337	1843	CORE	TRIGGER WEIGHT		HERMITAGE STRAIT
059	45.83933	-58.56983	268	338	1225	CORE	BOX		SCOTIAN SHELF
060	45.83933	-58.56983	268	338	1220	WATER	CTD		SCOTIAN SHELF
061	45.83933	-58.56983	268	338	1317	CORE	AGC LONG CORE		SCOTIAN SHELF
061	45.83933	-58.56983	268	338	1317	CORE	TRIGGER WEIGHT		SCOTIAN SHELF
062	45.84217	-58.55900	268	338	1402	WATER	NISKIN		SCOTIAN SHELF
063	46.00633	-58.40667	329	338	1720	CORE	AGC LONG CORE		SCOTIAN SHELF
063	46.00633	-58.40667	329	338	1720	CORE	TRIGGER WEIGHT		SCOTIAN SHELF

1014

90035

SAMPLE LØCATIØNS - 90035.
1:1,380,000 (MERCATØR, 50N)



STATION	LATITUDE	LONGITUDE	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)	GEOGRAPHIC AREA
001	49.53450	-54.45050	80	216	1314	GRAB	VAN VEEN		HAMILTON SOUND
002	49.53467	-54.44867	67	216	1329	CAMERA	ICE HOLE		HAMILTON SOUND
003	49.51000	-54.42867	26	216	1349	GRAB	VAN VEEN		HAMILTON SOUND
004	49.51033	-54.42650	20	216	1358	CAMERA	ICE HOLE		HAMILTON SOUND
005	49.50433	-54.40950	25	216	1407	GRAB	VAN VEEN		HAMILTON SOUND
006	49.50433	-54.40733	27	216	1414	CAMERA	ICE HOLE		HAMILTON SOUND
007	49.47950	-54.43667	16	216	1431	GRAB	VAN VEEN		HAMILTON SOUND
008	49.48117	-54.43550	16	216	1445	CAMERA	ICE HOLE		HAMILTON SOUND
009	49.47450	-54.41933	26	216	1454	GRAB	VAN VEEN		HAMILTON SOUND
010	49.47483	-54.41867	26	216	1507	CAMERA	ICE HOLE		HAMILTON SOUND
011	49.47017	-54.40533	22	216	1558	GRAB	VAN VEEN		HAMILTON SOUND
012	49.47066	-54.40467	23	216	1604	CAMERA	ICE HOLE		HAMILTON SOUND
013	49.47567	-54.39700	30	216	1612	GRAB	VAN VEEN		HAMILTON SOUND
014	49.47567	-54.39633	32	216	1623	CAMERA	ICE HOLE		HAMILTON SOUND
015	49.44617	-54.34667	19	216	1644	GRAB	VAN VEEN		HAMILTON SOUND
016	49.44667	-54.34750	19	216	1651	CAMERA	ICE HOLE		HAMILTON SOUND
017	49.50633	-54.29517	21	216	1719	GRAB	VAN VEEN		HAMILTON SOUND
018	49.50550	-54.29333	23	216	1729	CAMERA	ICE HOLE		HAMILTON SOUND
019	49.48033	-54.28533	27	216	1743	GRAB	VAN VEEN		HAMILTON SOUND
020	49.48017	-54.28467	27	216	1751	CAMERA	ICE HOLE		HAMILTON SOUND
021	49.44967	-54.27283	18	216	1807	GRAB	VAN VEEN		HAMILTON SOUND
022	49.44967	-54.27183	18	216	1815	CAMERA	ICE HOLE		HAMILTON SOUND
023	49.48233	-54.26433	28	216	1832	GRAB	VAN VEEN		HAMILTON SOUND
024	49.48233	-54.26283	27	216	1837	CAMERA	ICE HOLE		HAMILTON SOUND
025	49.52650	-54.24033	15	216	1857	GRAB	VAN VEEN		HAMILTON SOUND
026	49.52617	-54.23867	11	216	1906	CAMERA	ICE HOLE		HAMILTON SOUND
027	49.50617	-54.23133	38	216	1917	GRAB	VAN VEEN		HAMILTON SOUND
028	49.50667	-54.23167	37	216	1923	CAMERA	ICE HOLE		HAMILTON SOUND
029	49.49383	-54.21700	28	216	1933	GRAB	VAN VEEN		HAMILTON SOUND
030	49.49434	-54.21567	29	216	1940	CAMERA	ICE HOLE		HAMILTON SOUND
031	49.51200	-54.19250	46	216	1951	GRAB	VAN VEEN		HAMILTON SOUND
032	49.51217	-54.19150	46	216	1959	CAMERA	ICE HOLE		HAMILTON SOUND
033	49.52400	-54.18967	25	216	2006	GRAB	VAN VEEN		HAMILTON SOUND
034	49.52400	-54.18867	24	216	2014	CAMERA	ICE HOLE		HAMILTON SOUND
035	49.53167	-54.18467	12	216	2021	GRAB	VAN VEEN		HAMILTON SOUND
036	49.53183	-54.18583	12	216	2029	CAMERA	ICE HOLE		HAMILTON SOUND
037	49.50450	-54.15434	55	216	2046	GRAB	VAN VEEN		HAMILTON SOUND
038	49.50483	-54.15333	56	216	2049	CAMERA	ICE HOLE		HAMILTON SOUND
039	49.46667	-54.20933	24	216	2115	GRAB	VAN VEEN		HAMILTON SOUND
040	49.46667	-54.20833	23	216	2120	CAMERA	ICE HOLE		HAMILTON SOUND
041	49.59117	-54.13117	47	217	1807	GRAB	VAN VEEN		HAMILTON SOUND
042	49.59067	-54.13150	47	217	1811	CAMERA	ICE HOLE		HAMILTON SOUND
043	49.57267	-54.20367	15	217	1836	GRAB	VAN VEEN		HAMILTON SOUND
044	49.57300	-54.20450	15	217	1845	CAMERA	ICE HOLE		HAMILTON SOUND
045	49.55800	-54.23133	20	217	1856	GRAB	VAN VEEN		HAMILTON SOUND
046	49.55767	-54.23000	19	217	1903	CAMERA	ICE HOLE		HAMILTON SOUND
047	49.55233	-54.21417	22	217	1911	GRAB	VAN VEEN		HAMILTON SOUND
048	49.55250	-54.21467	21	217	1916	CAMERA	ICE HOLE		HAMILTON SOUND
049	49.55300	-54.17367	18	217	1927	GRAB	VAN VEEN		HAMILTON SOUND
050	49.55283	-54.17550	17	217	1934	CAMERA	ICE HOLE		HAMILTON SOUND
051	49.56850	-54.19600	31	217	1944	GRAB	VAN VEEN		HAMILTON SOUND
052	49.56800	-54.19833	31	217	1951	CAMERA	ICE HOLE		HAMILTON SOUND
053	49.56633	-54.18100	36	217	2000	GRAB	VAN VEEN		HAMILTON SOUND
054	49.56667	-54.18133	35	217	2003	CAMERA	ICE HOLE		HAMILTON SOUND

STATION	LATITUDE	LONGITUDE	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)	GEOGRAPHIC AREA
055	49.57267	-54.16000	36	217	2014	GRAB	VAN VEEN		HAMILTON SOUND
056	49.57217	-54.16217	35	217	2025	CAMERA	ICE HOLE		HAMILTON SOUND
057	49.49617	-54.15317	55	217	2057	GRAB	VAN VEEN		HAMILTON SOUND
058	49.49700	-54.15533	54	217	2102	CAMERA	ICE HOLE		HAMILTON SOUND
059	49.48133	-54.14117	38	217	2115	GRAB	VAN VEEN		HAMILTON SOUND
060	49.48167	-54.14167	38	217	2119	CAMERA	ICE HOLE		HAMILTON SOUND
061	49.99233	-56.12667	55	221	1551	GRAB	VAN VEEN		BAIE VERTE
062	49.99383	-56.12517	67	221	1602	CAMERA	ICE HOLE		BAIE VERTE
063	49.99033	-56.12750	29	221	1609	GRAB	VAN VEEN		BAIE VERTE
064	49.99150	-56.12417	44	221	1619	CAMERA	ICE HOLE		BAIE VERTE
065	49.98767	-56.14750	64	221	1630	GRAB	VAN VEEN		BAIE VERTE
066	49.98900	-56.14483	68	221	1634	CAMERA	ICE HOLE		BAIE VERTE
067	49.98433	-56.13967	37	221	1642	GRAB	VAN VEEN		BAIE VERTE
068	49.98567	-56.13800	42	221	1647	CAMERA	ICE HOLE		BAIE VERTE
069	49.98466	-56.14700	15	221	1654	GRAB	VAN VEEN		BAIE VERTE
070	49.98567	-56.14650	16	221	1659	CAMERA	ICE HOLE		BAIE VERTE
071	49.97933	-56.14667	59	221	1707	GRAB	VAN VEEN		BAIE VERTE
072	49.98150	-56.14417	59	221	1711	CAMERA	ICE HOLE		BAIE VERTE
073	49.96933	-56.15967	38	221	1725	GRAB	VAN VEEN		BAIE VERTE
074	49.96983	-56.15917	45	221	1728	CAMERA	ICE HOLE		BAIE VERTE
075	49.96833	-56.14200	42	221	1737	GRAB	VAN VEEN		BAIE VERTE
076	49.96900	-56.14200	36	221	1742	CAMERA	ICE HOLE		BAIE VERTE
077	49.96317	-56.15417	58	221	1749	GRAB	VAN VEEN		BAIE VERTE
078	49.96416	-56.15300	56	221	1754	CAMERA	ICE HOLE		BAIE VERTE
079	49.96267	-56.16033	28	221	1801	GRAB	VAN VEEN		BAIE VERTE
080	49.96333	-56.15983	31	221	1804	CAMERA	ICE HOLE		BAIE VERTE
081	49.95600	-56.14767	25	221	1813	GRAB	VAN VEEN		BAIE VERTE
082	49.95683	-56.14683	24	221	1819	CAMERA	ICE HOLE		BAIE VERTE
083	49.95267	-56.16367	32	221	1828	GRAB	VAN VEEN		BAIE VERTE
084	49.95367	-56.16267	33	221	1835	CAMERA	ICE HOLE		BAIE VERTE
085	49.94500	-56.16083	20	221	1844	GRAB	VAN VEEN		BAIE VERTE
086	49.94567	-56.16000	18	221	1849	CAMERA	ICE HOLE		BAIE VERTE
087	49.94217	-56.17450	27	221	1858	GRAB	VAN VEEN		BAIE VERTE
088	49.94250	-56.17333	28	221	1901	CAMERA	ICE HOLE		BAIE VERTE
089	49.93950	-56.17633	31	221	1910	GRAB	VAN VEEN		BAIE VERTE
090	49.94000	-56.17550	32	221	1915	CAMERA	ICE HOLE		BAIE VERTE
091	49.93517	-56.19050	13	221	1927	GRAB	VAN VEEN		BAIE VERTE
092	49.93533	-56.18967	12	221	1930	CAMERA	ICE HOLE		BAIE VERTE
093	50.05783	-56.09700	29	222	1327	GRAB	VAN VEEN		BAIE VERTE
094	50.05833	-56.09566	30	222	1335	CAMERA	ICE HOLE		BAIE VERTE
095	50.05750	-56.11000	18	222	1343	GRAB	VAN VEEN		BAIE VERTE
096	50.05817	-56.10883	19	222	1351	CAMERA	ICE HOLE		BAIE VERTE
097	50.06300	-56.09783	26	222	1358	GRAB	VAN VEEN		BAIE VERTE
098	50.06350	-56.09517	47	222	1412	CAMERA	ICE HOLE		BAIE VERTE
099	50.06433	-56.09000	57	222	1417	GRAB	VAN VEEN		BAIE VERTE
100	50.06400	-56.08800	45	222	1430	CAMERA	ICE HOLE		BAIE VERTE
101	50.03950	-56.03350	47	222	1451	GRAB	VAN VEEN		BAIE VERTE
102	50.03933	-56.03267	39	222	1505	CAMERA	ICE HOLE		BAIE VERTE
103	50.02550	-56.06150	35	222	1552	GRAB	VAN VEEN		BAIE VERTE
104	50.02567	-56.05817	43	222	1608	CAMERA	ICE HOLE		BAIE VERTE
105	50.02583	-56.05317	41	222	1614	GRAB	VAN VEEN		BAIE VERTE
106	50.02500	-56.05333	44	222	1626	CAMERA	ICE HOLE		BAIE VERTE
107	50.02367	-56.05467	46	222	1631	GRAB	VAN VEEN		BAIE VERTE
108	50.02234	-56.05517	48	222	1639	CAMERA	ICE HOLE		BAIE VERTE
109	50.02100	-56.06000	50	222	1645	GRAB	VAN VEEN		BAIE VERTE

STATION	LATITUDE	LONGITUDE	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)	GEOGRAPHIC AREA
110	50.02200	-56.05967	53	222	1702	CAMERA	ICE HOLE		BAIE VERTE
111	50.02000	-56.05833	47	222	1709	GRAB	VAN VEEN		BAIE VERTE
112	50.02000	-56.05750	46	222	1715	CAMERA	ICE HOLE		BAIE VERTE
113	50.03183	-56.11467	38	222	1733	GRAB	VAN VEEN		BAIE VERTE
114	50.03217	-56.11217	74	222	1747	CAMERA	ICE HOLE		BAIE VERTE
115	50.00517	-56.10167	72	222	1802	GRAB	VAN VEEN		BAIE VERTE
116	50.00550	-56.10183	90	222	1822	CAMERA	ICE HOLE		BAIE VERTE
117	50.00033	-56.11400	60	222	1832	GRAB	VAN VEEN		BAIE VERTE
118	50.00050	-56.11333	56	222	1840	CAMERA	ICE HOLE		BAIE VERTE
119	50.01033	-56.12917	32	222	1849	GRAB	VAN VEEN		BAIE VERTE
120	50.01100	-56.12850	33	222	1856	CAMERA	ICE HOLE		BAIE VERTE
121	50.01050	-56.13183	28	222	1901	GRAB	VAN VEEN		BAIE VERTE
122	50.01067	-56.13050	30	222	1908	CAMERA	ICE HOLE		BAIE VERTE
123	50.00900	-56.13633	18	222	1916	GRAB	VAN VEEN		BAIE VERTE
124	50.00917	-56.13567	20	222	1920	CAMERA	ICE HOLE		BAIE VERTE
125	50.00800	-56.13367	21	222	1931	GRAB	VAN VEEN		BAIE VERTE
126	50.00817	-56.13233	22	222	1938	CAMERA	ICE HOLE		BAIE VERTE
127	49.99733	-56.11600	45	222	1948	GRAB	VAN VEEN		BAIE VERTE
128	49.99750	-56.11433	44	222	1954	CAMERA	ICE HOLE		BAIE VERTE
129	49.99033	-56.11733	33	222	2003	GRAB	VAN VEEN		BAIE VERTE
130	49.99033	-56.11666	32	222	2012	CAMERA	ICE HOLE		BAIE VERTE
131	49.99200	-56.11467	32	222	2017	GRAB	VAN VEEN		BAIE VERTE
132	49.99217	-56.11433	32	222	2023	CAMERA	ICE HOLE		BAIE VERTE
133	49.95083	-56.16400	33	223	1140	CORE	BENTHOS GRAVITY	39	BAIE VERTE
134	49.96416	-56.15300	66	223	1200	CORE	BENTHOS GRAVITY	117	BAIE VERTE
135	49.97267	-56.14550	60	223	1231	CORE	BENTHOS GRAVITY	93	BAIE VERTE
136	49.99866	-55.56950	80	223	2132	GRAB	VAN VEEN		OFF LA SCIE HARBOUR
137	49.99967	-55.56833	80	223	2141	CAMERA	ICE HOLE		OFF LA SCIE HARBOUR
138	50.00217	-55.60583	110	223	2156	GRAB	VAN VEEN		OFF LA SCIE HARBOUR
139	50.00383	-55.60500	110	223	2206	CAMERA	ICE HOLE		OFF LA SCIE HARBOUR
140	49.97217	-55.61467	52	223	2226	GRAB	VAN VEEN		OFF LA SCIE HARBOUR
141	49.97217	-55.61467	52	223	2235	CAMERA	ICE HOLE		OFF LA SCIE HARBOUR
142	49.60367	-55.88800	57	226	1701	GRAB	VAN VEEN		LITTLE BAY AREA
143	49.60317	-55.88833	57	226	1706	CAMERA	ICE HOLE		LITTLE BAY AREA
144	49.60450	-55.89167	56	226	1712	GRAB	VAN VEEN		LITTLE BAY AREA
145	49.60383	-55.89200	56	226	1717	CAMERA	ICE HOLE		LITTLE BAY AREA
146	49.60966	-55.93100	54	226	1737	GRAB	VAN VEEN		LITTLE BAY AREA
147	49.60900	-55.93133	48	226	1745	CAMERA	ICE HOLE		LITTLE BAY AREA
148	49.60950	-55.92533	63	226	1755	GRAB	VAN VEEN		LITTLE BAY AREA
149	49.60933	-55.92600	59	226	1758	CAMERA	ICE HOLE		LITTLE BAY AREA
150	49.61250	-55.92533	49	226	1804	GRAB	VAN VEEN		LITTLE BAY AREA
151	49.61200	-55.92633	52	226	1810	CAMERA	ICE HOLE		LITTLE BAY AREA
152	49.49317	-55.77234	34	228	1718	GRAB	VAN VEEN		EAST HALLS BAY AREA
153	49.49267	-55.77100	39	228	1727	CAMERA	ICE HOLE		EAST HALLS BAY AREA
154	49.49600	-55.75950	48	228	1734	GRAB	VAN VEEN		EAST HALLS BAY AREA
155	49.49583	-55.75900	47	228	1739	CAMERA	ICE HOLE		EAST HALLS BAY AREA
156	49.50050	-55.75783	54	228	1744	GRAB	VAN VEEN		EAST HALLS BAY AREA
157	49.50033	-55.75683	53	228	1748	CAMERA	ICE HOLE		EAST HALLS BAY AREA
158	49.50950	-55.75650	67	228	1756	GRAB	VAN VEEN		EAST HALLS BAY AREA
159	49.50983	-55.75533	66	228	1802	CAMERA	ICE HOLE		EAST HALLS BAY AREA
160	49.52400	-55.79433	74	228	1818	GRAB	VAN VEEN		EAST HALLS BAY AREA
161	49.52400	-55.79433	74	228	1828	CAMERA	ICE HOLE		EAST HALLS BAY AREA
162	49.52300	-55.79583	75	228	1834	GRAB	VAN VEEN		EAST HALLS BAY AREA
163	49.52300	-55.79333	73	228	1845	CAMERA	ICE HOLE		EAST HALLS BAY AREA
164	49.52083	-55.78833	56	228	1851	GRAB	VAN VEEN		EAST HALLS BAY AREA

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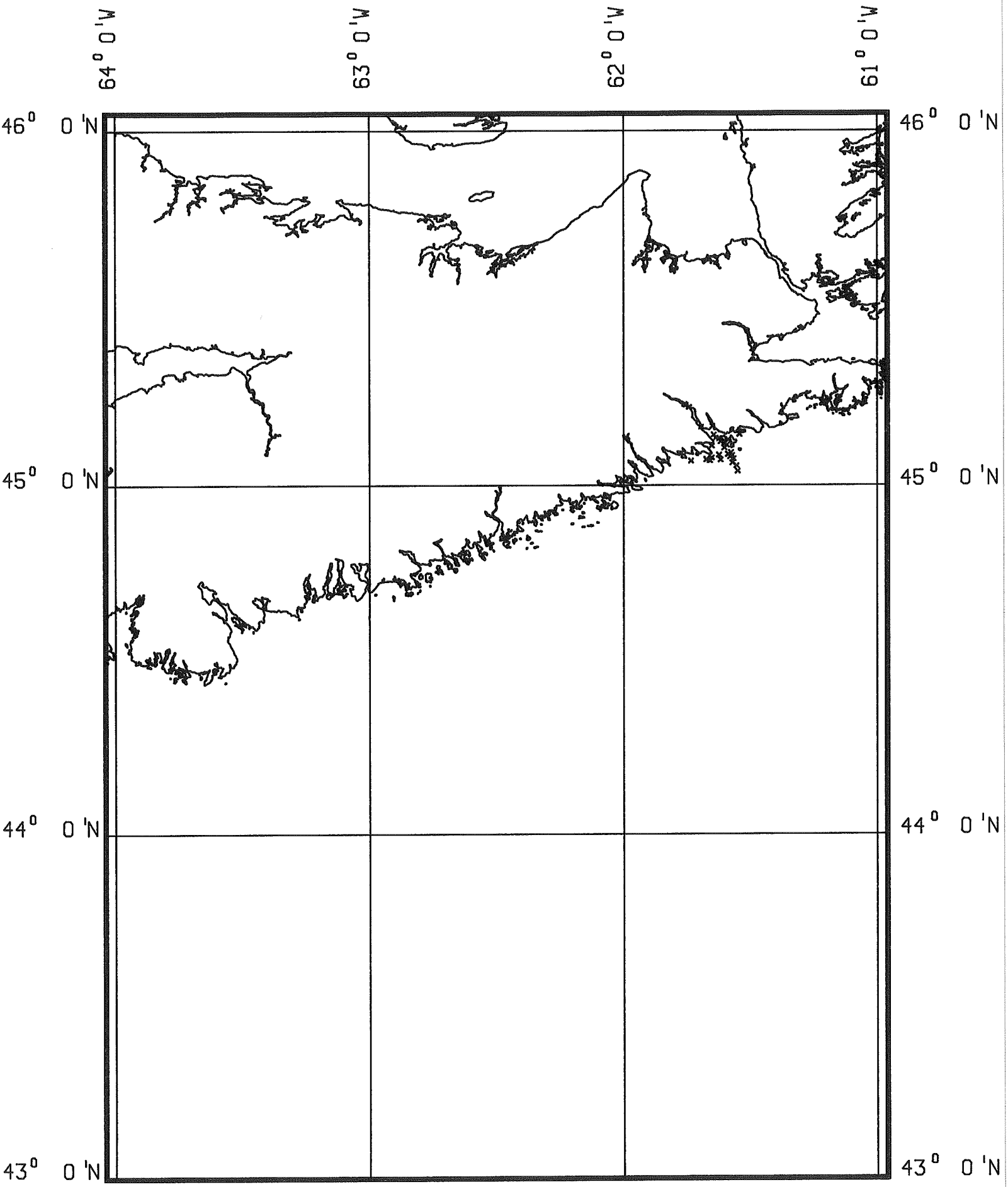
STATION	LATITUDE	LONGITUDE	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)	GEOGRAPHIC AREA
165	49.52133	-55.78767	52	228	1857	CAMERA	ICE HOLE		EAST HALLS BAY AREA
166	49.53333	-55.78150	82	228	1906	GRAB	VAN VEEN		EAST HALLS BAY AREA
167	49.53400	-55.78117	80	228	1910	CAMERA	ICE HOLE		EAST HALLS BAY AREA
168	49.53100	-55.77050	152	228	1918	GRAB	VAN VEEN		EAST HALLS BAY AREA
169	49.53150	-55.76767	148	228	1931	CAMERA	ICE HOLE		EAST HALLS BAY AREA
170	49.53917	-55.77750	50	228	1943	GRAB	VAN VEEN		EAST HALLS BAY AREA
171	49.53933	-55.77717	45	228	1947	CAMERA	ICE HOLE		EAST HALLS BAY AREA
172	49.55950	-55.74933	40	228	2001	GRAB	VAN VEEN		EAST HALLS BAY AREA
173	49.56000	-55.74850	41	228	2009	CAMERA	ICE HOLE		EAST HALLS BAY AREA
174	49.56400	-55.77033	106	228	2019	GRAB	VAN VEEN		EAST HALLS BAY AREA
175	49.56417	-55.76933	116	228	2025	CAMERA	ICE HOLE		EAST HALLS BAY AREA
176	49.57967	-55.75134	80	228	2039	GRAB	VAN VEEN		EAST HALLS BAY AREA
177	49.57983	-55.75050	62	228	2044	CAMERA	ICE HOLE		EAST HALLS BAY AREA
178	49.59033	-55.74333	39	228	2053	GRAB	VAN VEEN		EAST HALLS BAY AREA
179	49.59050	-55.74217	40	228	2100	CAMERA	ICE HOLE		EAST HALLS BAY AREA
180	49.51083	-55.76633	100	229	1634	CORE	BENTHOS GRAVITY	96	EAST HALLS BAY AREA
181	49.53133	-55.76750	146	229	1654	CORE	BENTHOS GRAVITY	84	EAST HALLS BAY AREA
182	49.56983	-55.76100	177	229	1717	CORE	BENTHOS GRAVITY	64	EAST HALLS BAY AREA
183	49.56933	-55.76317	178	229	1735	CORE	BENTHOS GRAVITY	99	EAST HALLS BAY AREA
184	49.49883	-56.05233	74	229	1907	CORE	BENTHOS GRAVITY	13	EAST HALLS BAY AREA
185	49.50167	-56.04233	60	229	1928	CORE	BENTHOS GRAVITY	0	HALLS BAY
186	49.42700	-56.11800	30	230	1137	GRAB	VAN VEEN		HALLS BAY
187	49.42717	-56.11750	31	230	1140	CAMERA	ICE HOLE		HALLS BAY
188	49.43250	-56.11367	54	230	1145	GRAB	VAN VEEN		HALLS BAY
189	49.43233	-56.11267	51	230	1154	CAMERA	ICE HOLE		HALLS BAY
190	49.43884	-56.10300	72	230	1201	GRAB	VAN VEEN		HALLS BAY
191	49.43884	-56.10200	66	230	1209	CAMERA	ICE HOLE		HALLS BAY
192	49.43267	-56.09333	80	230	1216	GRAB	VAN VEEN		HALLS BAY
193	49.43267	-56.09300	80	230	1220	CAMERA	ICE HOLE		HALLS BAY
194	49.44833	-56.08800	196	230	1230	GRAB	VAN VEEN		HALLS BAY
195	49.44817	-56.08717	192	230	1242	CAMERA	ICE HOLE		HALLS BAY
196	49.45450	-56.06150	58	230	1259	GRAB	VAN VEEN		HALLS BAY
197	49.45500	-56.06017	38	230	1311	CAMERA	ICE HOLE		HALLS BAY
198	49.49833	-56.04167	121	230	1331	GRAB	VAN VEEN		HALLS BAY
199	49.49800	-56.04133	128	230	1340	CAMERA	ICE HOLE		HALLS BAY
200	49.49883	-56.04733	78	230	1351	GRAB	VAN VEEN		HALLS BAY
201	49.49900	-56.04700	72	230	1355	CAMERA	ICE HOLE		HALLS BAY
202	49.49917	-56.05367	64	230	1403	GRAB	VAN VEEN		HALLS BAY
203	49.49933	-56.05350	61	230	1412	CAMERA	ICE HOLE		HALLS BAY
204	49.49800	-56.05633	66	230	1419	GRAB	VAN VEEN		HALLS BAY
205	49.49800	-56.05550	67	230	1422	CAMERA	ICE HOLE		HALLS BAY

90038

SAMPLE LØCATIØNS - 90038.
1:1,500,000 (MERCATØR, 45N)



STATION	LATITUDE	LONGITUDE	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)	GEOGRAPHIC AREA
001	45.23067	-61.75967	10	293	1250	GRAB	VAN VEEN		HEAD OF COUNTRY HARBOUR
002	45.22967	-61.75733	12	293	1256	CAMERA	LOBSIGER		HEAD OF COUNTRY HARBOUR
003	45.22800	-61.75467	12	293	1311	GRAB	VAN VEEN		HEAD OF COUNTRY HARBOUR
004	45.22100	-61.74117	15	293	1324	GRAB	VAN VEEN		COUNTRY HARBOUR (NORTH OF STORMONT WHARF
005	45.22167	-61.74217	16	293	1328	CAMERA	LOBSIGER		COUNTRY HARBOUR (NORTH OF STORMONT WHARF
006	45.16767	-61.64983	11	293	1412	GRAB	VAN VEEN		ISAACS HARBOUR
007	45.16800	-61.64933	9	293	1436	CAMERA	LOBSIGER		ISAACS HARBOUR
008	45.11167	-61.65317	16	293	1609	CAMERA	LOBSIGER		FISHERMANS HARBOUR
009	45.11133	-61.65166	16	293	1615	GRAB	VAN VEEN		FISHERMANS HARBOUR
010	45.12417	-61.61717	22	293	1753	GRAB	VAN VEEN		OUTER COUNTRY HARBOUR
011	45.11934	-61.60167	22	293	1805	GRAB	VAN VEEN		OUTER COUNTRY HARBOUR
012	45.13283	-61.62150	14	293	1820	GRAB	VAN VEEN		OUTER COUNTRY HARBOUR
013	45.13400	-61.63683	21	293	1831	GRAB	VAN VEEN		OUTER COUNTRY HARBOUR
014	45.14300	-61.64450	20	293	1845	GRAB	VAN VEEN		OUTER COUNTRY HARBOUR
015	45.16567	-61.69417	16	293	1912	GRAB	VAN VEEN		COUNTRY HARBOUR
016	45.14417	-61.54333	19	295	1341	GRAB	VAN VEEN		SOUTH OF CODDLES ISLAND
017	45.12950	-61.58833	18	295	1409	GRAB	VAN VEEN		WEST OF GOOSE ISLAND EAST OF HARBOUR ISL
018	45.11967	-61.59967	21	295	1419	GRAB	VAN VEEN		OUTER COUNTRY HARBOUR
019	45.11367	-61.59300	26	295	1430	GRAB	VAN VEEN		OUTER COUNTRY HARBOUR
020	45.10583	-61.60233	29	295	1439	GRAB	VAN VEEN		OUTER COUNTRY HARBOUR
021	45.08800	-61.58700	27	295	1452	GRAB	VAN VEEN		OUTER COUNTRY HARBOUR
022	45.09300	-61.57667	30	295	1502	GRAB	VAN VEEN		OUTER COUNTRY HARBOUR
023	45.08500	-61.57167	34	295	1553	GRAB	VAN VEEN		OUTER COUNTRY HARBOUR
024	45.08083	-61.58000	35	295	1601	GRAB	VAN VEEN		OUTER COUNTRY HARBOUR
025	45.07533	-61.56633	40	295	1615	GRAB	VAN VEEN		OUTER COUNTRY HARBOUR
026	45.06384	-61.57117	44	295	1635	GRAB	VAN VEEN		OUTER COUNTRY HARBOUR
027	45.05567	-61.55483	46	295	1646	GRAB	VAN VEEN		OUTER COUNTRY HARBOUR
028	45.04000	-61.55000	47	295	1658	GRAB	VAN VEEN		OUTER COUNTRY HARBOUR
029	45.04083	-61.54950	49	295	1724	CAMERA	LOBSIGER		OUTER COUNTRY HARBOUR
030	45.06967	-61.65800	27	295	1810	CAMERA	LOBSIGER		SOUTH OF CAPE MOCODOME
031	45.06983	-61.66033	26	295	1823	GRAB	VAN VEEN		SOUTH OF CAPE MOCODOME
032	45.07283	-61.67400	27	295	1832	GRAB	VAN VEEN		SOUTH WEST OF CAPE MOCODOME
033	45.07333	-61.67267	27	295	1838	CAMERA	LOBSIGER		SOUTH WEST OF CAPE MOCODOME
034	45.07817	-61.65133	20	295	1857	CAMERA	LOBSIGER		SOUTH OF CAPE MOCODOME
035	45.07717	-61.65283	22	295	1909	GRAB	VAN VEEN		SOUTH OF CAPE MOCODOME
036	45.07233	-61.61733	39	295	1923	GRAB	VAN VEEN		SOUTH EAST OF ROSE SHOAL
037	45.07183	-61.61650	38	295	1929	CAMERA	LOBSIGER		SOUTH EAST OF ROSE SHOAL
038	45.08583	-61.62250	32	295	1945	CAMERA	LOBSIGER		NORTH EAST OF ROSE SHOAL
039	45.08583	-61.62366	30	295	1950	GRAB	VAN VEEN		NORTH EAST OF ROSE SHOAL
040	45.12417	-61.61666	23	296	1226	CAMERA	LOBSIGER		WEST OF SALADIN POINT
041	45.12350	-61.61633	23	296	1242	CAMERA	LOBSIGER		WEST OF SALADIN POINT
042	45.14500	-61.54367	19	296	1320	CAMERA	LOBSIGER		SOUTH OF CODDLES ISLAND
043	45.14433	-61.54267	19	296	1334	CAMERA	LOBSIGER		SOUTH OF CODDLES ISLAND
044	45.08783	-61.58700	27	296	1415	CAMERA	LOBSIGER		SOUTH WEST OF FLYING POINT
045	45.08800	-61.58800	28	296	1430	CAMERA	LOBSIGER		SOUTH WEST OF FLYING POINT
046	45.06917	-61.73367	21	296	1716	CAMERA	LOBSIGER		SOUTH EAST OF FIDDLERS POINT
047	45.06867	-61.73383	21	296	1732	GRAB	VAN VEEN		SOUTH EAST OF FIDDLERS POINT

90200

ATLANTIC GEOSCIENCE CENTRE

CRUISE NO. ICE ISLAND 90200	SAMPLE NO. 90 - 200 - 01
YEAR. 1990 / STICKER NO.	VESSEL NAME. ICE ISLAND
GEOGRAPHIC LOCATION. E - ELLEF RINGES IS.	PROJECT NO. 208-86

DAY	TIME	LATITUDE	LONGITUDE
249 JULIAN	1500 G.M.T.	79 DEG. 27 • 03 MINUTES	101 DEG. 66 • 50 MINUTES

WATER DEPTH	SEISMIC RECORD DAY-TIME	SHEET ANNOTATOR
* 586 • 00 METRES	DAY / TIME	ADAM R WOOLER

GRAB ☐ DREDGE ☐	NO. OF ATTEMPTS	NO. OF SUBSAMPLES	TYPE OF SAMPLER

CONSIDER THE FOLL. WHEN DESCRIBING THE SAMPLES

GRAVEL SAND
SILT CLAY
ABUNDANCE
SHAPE COLOR
MACROFAUNA
SURFACE DESCRIPTION

NOTES - DESCRIPTION.

SUBSAMPLES.	3.	6.
1.	4.	7.
2.	5.	8.

TRIGGER CORE	APP. PENN. CM.	TOTAL LENGTH CM.	TOP B — A BOTTOM

TWC NOTES.

CORE	CORER LENGTH CM.	APP. PENN. CM.	NO. OF SECTIONS	TOTAL LENGTH CM.	TYPE OF CORER
		75	1	72	GRAVITY

CORE SECTIONS. NOTE- EACH BOX REPRESENTS A (304 CM.)(10 FT.) CORE SECTION DIVIDED AT THE (152 CM.)(5 FT.) MARK. MARK THE SECTION LENGTHS INSIDE THE SECTION DIAGRAMS.

TOP M L|L K K J|J I I H|H G G F|F E E D|D C C B|B A BOTTOM

CORE NOTES.

SHEET 1 SHEET 1 SHEET 1

ATLANTIC GEOSCIENCE CENTRE

CRUISE NO. ICE ISLAND 90200	SAMPLE NO. 90-200-02
YEAR. 1990 / STICKER NO.	VESSEL NAME. ICE ISLAND
GEOGRAPHIC LOCATION. E - ELLEF RINGES IS.	PROJECT NO. 208-86

DAY	TIME	LATITUDE	LONGITUDE
249 JULIAN	1930 G.M.T.	79 DEG. 27.03 MINUTES	101 DEG. 66.50 MINUTES

WATER DEPTH	SEISMIC RECORD DAY-TIME	SHEET ANNOTATOR
* 586.00 METRES	DAY / TIME	ADAM R WOOLER

GRAB ☐ DREDGE ☐	NO. OF ATTEMPTS	NO. OF SUBSAMPLES	TYPE OF SAMPLER

CONSIDER THE FOLL. WHEN DESCRIBING THE SAMPLES

GRAVEL SAND
SILT CLAY
ABUNDANCE
SHAPE COLOR
MACROFAUNA
SURFACE DESCRIPTION

NOTES - DESCRIPTION.

SUBSAMPLES.	3.	6.
1.	4.	7.
2.	5.	8.

TRIGGER CORE	APP. PENN. CM.	TOTAL LENGTH CM.	TOP B — A BOTTOM

TWC NOTES.

CORE	CORER LENGTH CM.	APP. PENN. CM.	NO. OF SECTIONS	TOTAL LENGTH CM.	TYPE OF CORER
		150	1	97	GRAVITY

CORE SECTIONS. NOTE- EACH BOX REPRESENTS A (304 CM.)(10 FT.) CORE SECTION DIVIDED AT THE (152 CM.)(5 FT.) MARK. MARK THE SECTION LENGTHS INSIDE THE SECTION DIAGRAMS.

TOP M L|L K K J|J I I H|H G G F|F E E D|D C C B|B A BOTTOM

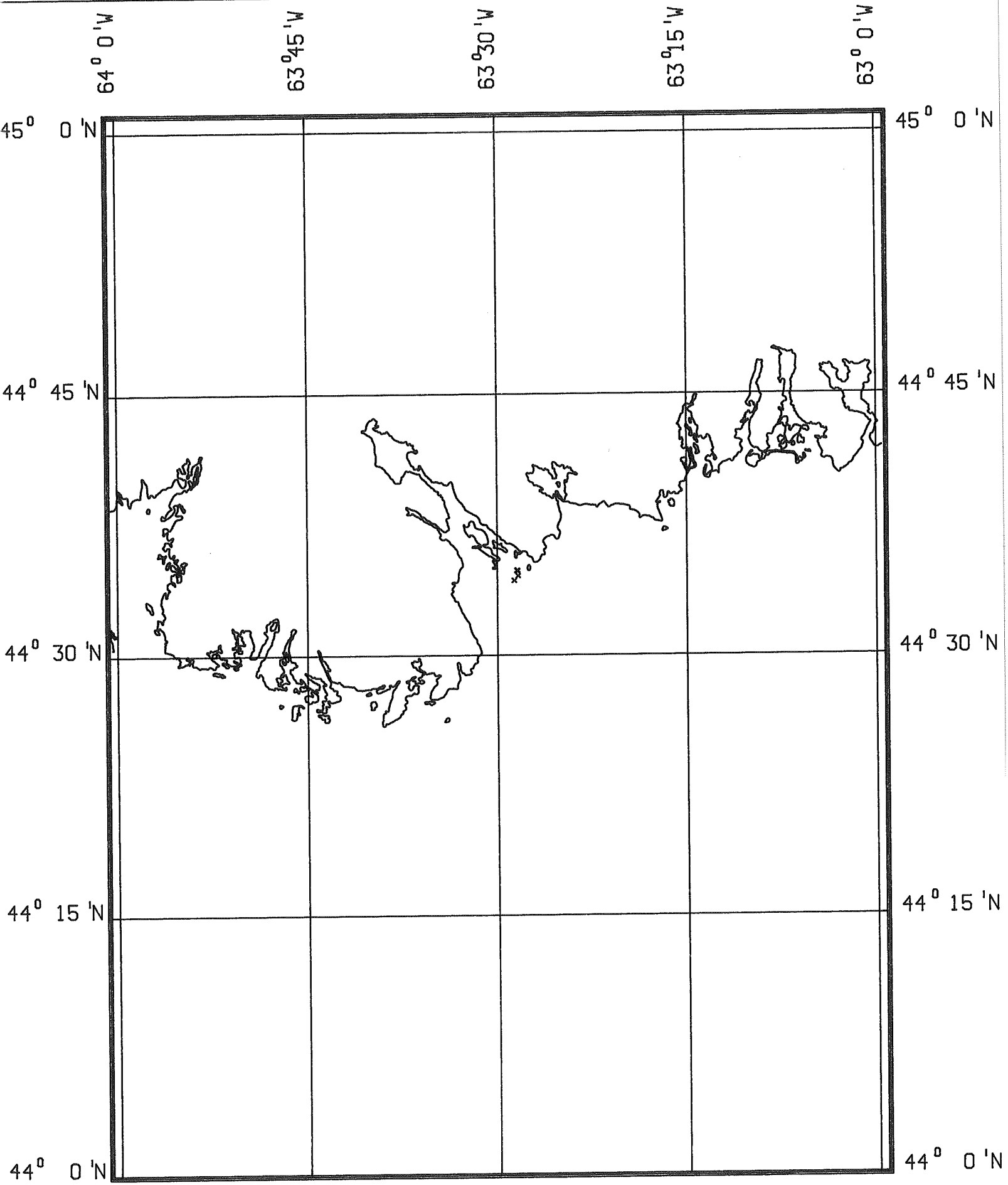
CORE NOTES.

TAKEN TO PLYMOUTH POLYTECH BY ADAM WOOLER.

SHEET 1 SHEET 1 SHEET 1 SHEET 1

90301B

SAMPLE LØCATIØNS - 90301B.
1:500,000 (MERCATØR, 45N)



STATION	LATITUDE	LONGITUDE	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)	GEOGRAPHIC AREA
001	44.57633	-63.47250	18	47	2017	GRAB	VAN VEEN		OFF DEVIL'S ISLAND
002	44.58083	-63.47300	15	47	2038	GRAB	VAN VEEN		OFF DEVIL'S ISLAND
003	44.58150	-63.47333	15	47	2050	GRAB	VAN VEEN		OFF DEVIL'S ISLAND
004	44.58133	-63.47400	15	47	2059	GRAB	VAN VEEN		OFF DEVIL'S ISLAND
005	44.57183	-63.47750	19	47	2111	GRAB	VAN VEEN		OFF DEVIL'S ISLAND

90302

ATLANTIC GEOSCIENCE CENTRE

CRUISE NUMBER. **90-302**	SAMPLE NUMBER. **90-45-C1**	VESSEL NAME. **none**
GEOGRAPHIC LOCATION. **BEAUFORT SEA, RICHARDS I./PIPELINE HARBOUR**		PROJECT NUMBER **830007 D.L. FORBES**
NAVIGATION TYPE **AIRPHOTO**	RANGE 1. / RANGE 2.	RANGE 3. / RANGE 4.

DAY	TIME	LATITUDE	LONGITUDE
228 JULIAN	G.M.T.	69 DEG. 41.90 MINUTES	-134 DEG. 16.80 MINUTES

WATER DEPTH	SEISMIC RECORD DAY - TIME	CLASS ASSESSMENT
0.0 METRES	DAY / TIME	CLASS A [X] CLASS B [ ] CLASS C [ ] CLASS D [ ]

GRAB [ ] DREDGE [ ]	NO. OF ATTEMPTS	NO. OF SUBSAMPLES	TYPE OF SAMPLER

NOTES - DESCRIPTION

CONSIDER THE FOLL. WHEN DESCRIBING THE SAMPLES

GRAVEL SAND SILT CLAY ABUNDANCE SHAPE COLOR MACROFAUNA SURFACE DESCRIPTION

SUBSAMPLES	3.	6.
1.	4.	7.
2.	5.	8.

CORE	CORER LENGTH	APP. PEN.	NO. OF	TOTAL LENGTH	TYPE OF CORER
	93 CM.	57 CM.	01 SECTIONS	53 CM.	**PUSH CORE**

CORE NOTES **CORE FROM MUDFLAT, SITE 90-45, COLLECTOR-P.HILL**

ATLANTIC GEOSCIENCE CENTRE

CRUISE NUMBER. **90-302**	SAMPLE NUMBER. **90-45-C2**	VESSEL NAME. **none**
GEOGRAPHIC LOCATION. **BEAUFORT SEA, RICHARDS I./PIPELINE HARBOUR**		PROJECT NUMBER **830007 D.L. FORBES**
NAVIGATION TYPE **AIRPHOTO**	RANGE 1. / RANGE 2.	RANGE 3. / RANGE 4.

DAY	TIME	LATITUDE	LONGITUDE
228 JULIAN	G.M.T.	69 DEG. 41.90 MINUTES	-134 DEG. 16.80 MINUTES

WATER DEPTH	SEISMIC RECORD DAY - TIME	CLASS ASSESSMENT
0.0 METRES	DAY / TIME	CLASS A [X] CLASS B [ ] CLASS C [ ] CLASS D [ ]

GRAB [ ] DREDGE [ ]	NO. OF ATTEMPTS	NO. OF SUBSAMPLES	TYPE OF SAMPLER

CONSIDER THE FOLL. WHEN DESCRIBING THE SAMPLES

GRAVEL SAND SILT CLAY ABUNDANCE SHAPE COLOR MACROFAUNA SURFACE DESCRIPTION

NOTES - DESCRIPTION

SUBSAMPLES		
1.	3.	6.
2.	4.	7.
	5.	8.

CORE	CORER LENGTH	APP. PEN.	NO. OF	TOTAL LENGTH	TYPE OF CORER
	113.5 CM.	91 CM.	01 SECTIONS	68 CM.	**PUSH CORE**

CORE NOTES **CORE FROM MUDFLAT, SITE 90-45, COLLECTOR-P.HILL**

ATLANTIC GEOSCIENCE CENTRE

CRUISE NUMBER. **90-302**	SAMPLE NUMBER. **90-45-C3**	VESSEL NAME. **none**
GEOGRAPHIC LOCATION. **BEAUFORT SEA, RICHARDS I./PIPELINE HARBOUR**		PROJECT NUMBER **830007 D.L. FORBES**
NAVIGATION TYPE **AIRPHOTO**	RANGE 1. / RANGE 2.	RANGE 3. / RANGE 4.

DAY	TIME	LATITUDE	LONGITUDE
228 JULIAN	G.M.T.	69 DEG. 41.90 MINUTES	-134 DEG. 16.80 MINUTES

WATER DEPTH	SEISMIC RECORD DAY - TIME	CLASS ASSESSMENT
0.0 METRES	DAY / TIME	CLASS A [X] CLASS B [ ] CLASS C [ ] CLASS D [ ]

GRAB [ ] DREDGE [ ]	NO. OF ATTEMPTS	NO. OF SUBSAMPLES	TYPE OF SAMPLER

CONSIDER THE FOLL. WHEN DESCRIBING THE SAMPLES

GRAVEL, SAND, SILT, CLAY, ABUNDANCE, SHAPE, COLOR, MACROFAUNA, SURFACE DESCRIPTION

NOTES - DESCRIPTION

SUBSAMPLES		
1.	4.	7.
2.	5.	8.
3.	6.	

CORE	CORER LENGTH	APP. PEN.	NO. OF	TOTAL LENGTH	TYPE OF CORER
	148 CM.	51 CM.	01 SECTIONS	48 CM.	**PUSH CORE**

CORE NOTES **CORE FROM MUDFLAT, SITE 90-45, COLLECTOR-P.HILL**

ATLANTIC GEOSCIENCE CENTRE

CRUISE NUMBER. **90-302**	SAMPLE NUMBER. **90-45-C4**	VESSEL NAME. **none**
GEOGRAPHIC LOCATION. **BEAUFORT SEA, RICHARDS I./PIPELINE HARBOUR**		PROJECT NUMBER **830007 D.L. FORBES**
NAVIGATION TYPE **AIRPHOTO**	RANGE 1. / RANGE 2.	RANGE 3. / RANGE 4.

DAY	TIME	LATITUDE	LONGITUDE
228 JULIAN	G.M.T.	69 DEG. 41.90 MINUTES	-134 DEG. 16.80 MINUTES

WATER DEPTH	SEISMIC RECORD DAY - TIME	CLASS ASSESSMENT
0.0 METRES	DAY / TIME	CLASS A [X] CLASS B [ ] CLASS C [ ] CLASS D [ ]

GRAB [ ] DREDGE [ ]	NO. OF ATTEMPTS	NO. OF SUBSAMPLES	TYPE OF SAMPLER

CONSIDER THE FOLL. WHEN DESCRIBING THE SAMPLES

GRAVEL, SAND, SILT, CLAY, ABUNDANCE, SHAPE, COLOR, MACROFAUNA, SURFACE DESCRIPTION

NOTES - DESCRIPTION

SUBSAMPLES		
1.	3.	6.
2.	4.	7.
	5.	8.

CORE	CORER LENGTH	APP. PEN.	NO. OF	TOTAL LENGTH	TYPE OF CORER
	100 CM.	89 CM.	01 SECTIONS	82 CM.	**PUSH CORE**

CORE NOTES **CORE FROM MUDFLAT, SITE 90-45, COLLECTOR-P.HILL**

ATLANTIC GEOSCIENCE CENTRE

CRUISE NUMBER. **90-302**	SAMPLE NUMBER. **90-45-C5**	VESSEL NAME. **none**
GEOGRAPHIC LOCATION. **BEAUFORT SEA, RICHARDS I./PIPELINE HARBOUR**		PROJECT NUMBER **830007** **D.L. FORBES**
NAVIGATION TYPE **AIRPHOTO**	RANGE 1. / RANGE 2.	RANGE 3. / RANGE 4.

DAY	TIME	LATITUDE	LONGITUDE
228 JULIAN	G.M.T.	69 DEG. 41.90 MINUTES	-134 DEG. 16.80 MINUTES

WATER DEPTH	SEISMIC RECORD DAY - TIME	CLASS ASSESSMENT
0.0 METRES	DAY / TIME	CLASS A [X] CLASS B [ ] CLASS C [ ] CLASS D [ ]

GRAB [ ] DREDGE [ ]	NO. OF ATTEMPTS	NO. OF SUBSAMPLES	TYPE OF SAMPLER

CONSIDER THE FOLL. WHEN DESCRIBING THE SAMPLES

GRAVEL SAND SILT CLAY ABUNDANCE SHAPE COLOR MACROFAUNA SURFACE DESCRIPTION

NOTES - DESCRIPTION

SUBSAMPLES	3.	6.
1.	4.	7.
2.	5.	8.

CORE	CORER LENGTH	APP. PEN.	NO. OF	TOTAL LENGTH	TYPE OF CORER
	120.5 CM.	81.5 CM.	01 SECTIONS	75 CM.	**PUSH CORE**

CORE NOTES **CORE FROM MUDFLAT, SITE 90-45, COLLECTOR-P.HILL**

90400

90400

Appendix A

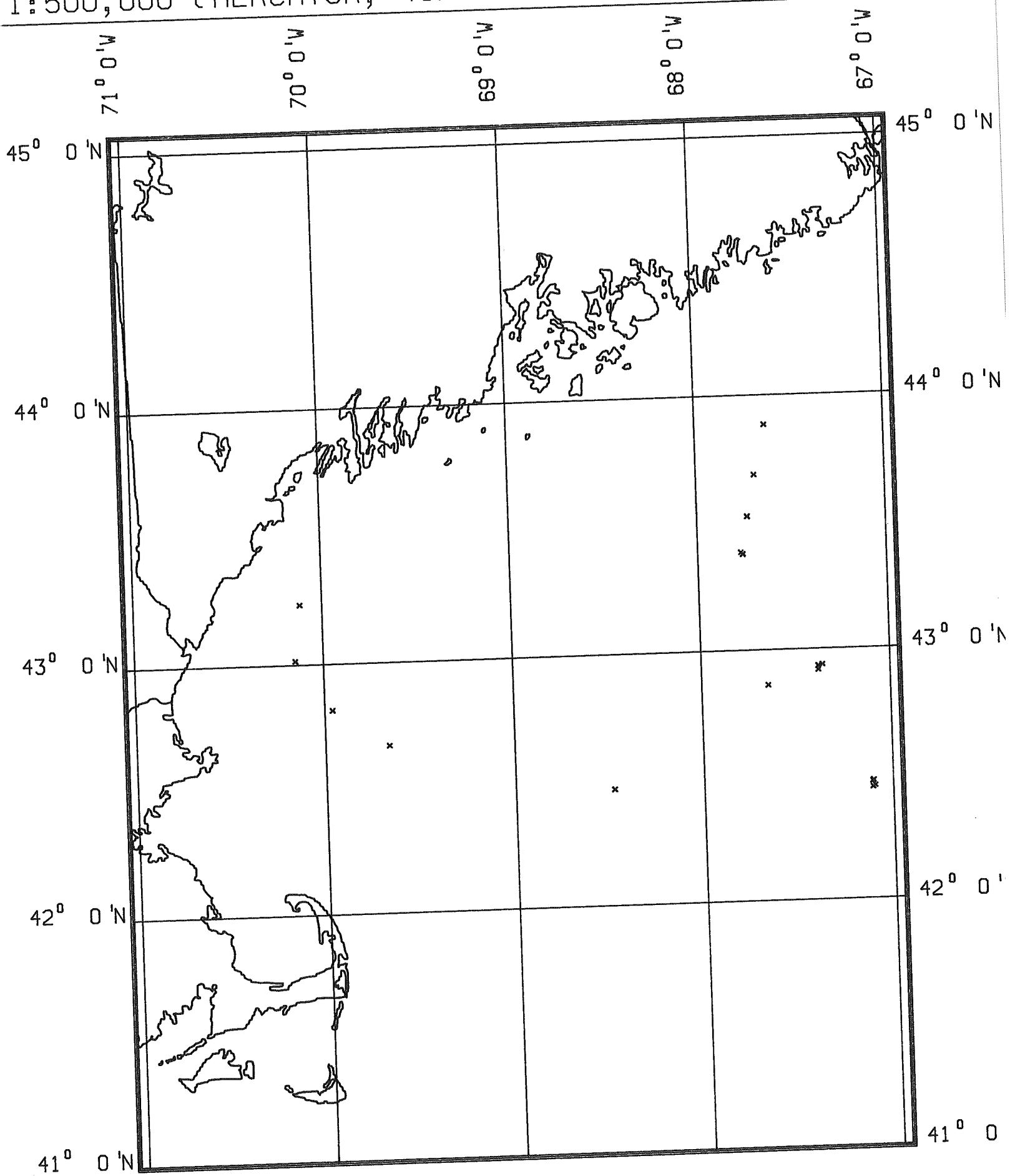
Location Coordinates for Drillsites

Note that P refers to the sample borehole while C indicates PCPT hole.

Panuke	P1	43 48' 41.3" N	60 44' 01.8" W
	P2	43 48' 40.1" N	60 44' 00.0" W
Cohasset	C1	43 50' 58.1" N	60 37' 41.6" W
	C2	43 50' 57.1" N	60 37' 40.1" W
Balmoral	B1	43 51' 54.8" N	60 35' 46.8" W
Lawrence	L1	43 53' 05.2" N	60 32' 52.1" W
Grand Pre	G1	43 56' 46.8" N	60 31' 15.8" W

90500

SAMPLE LOCATIONS - 90500.
1:500,000 (MERCATOR, 45N)



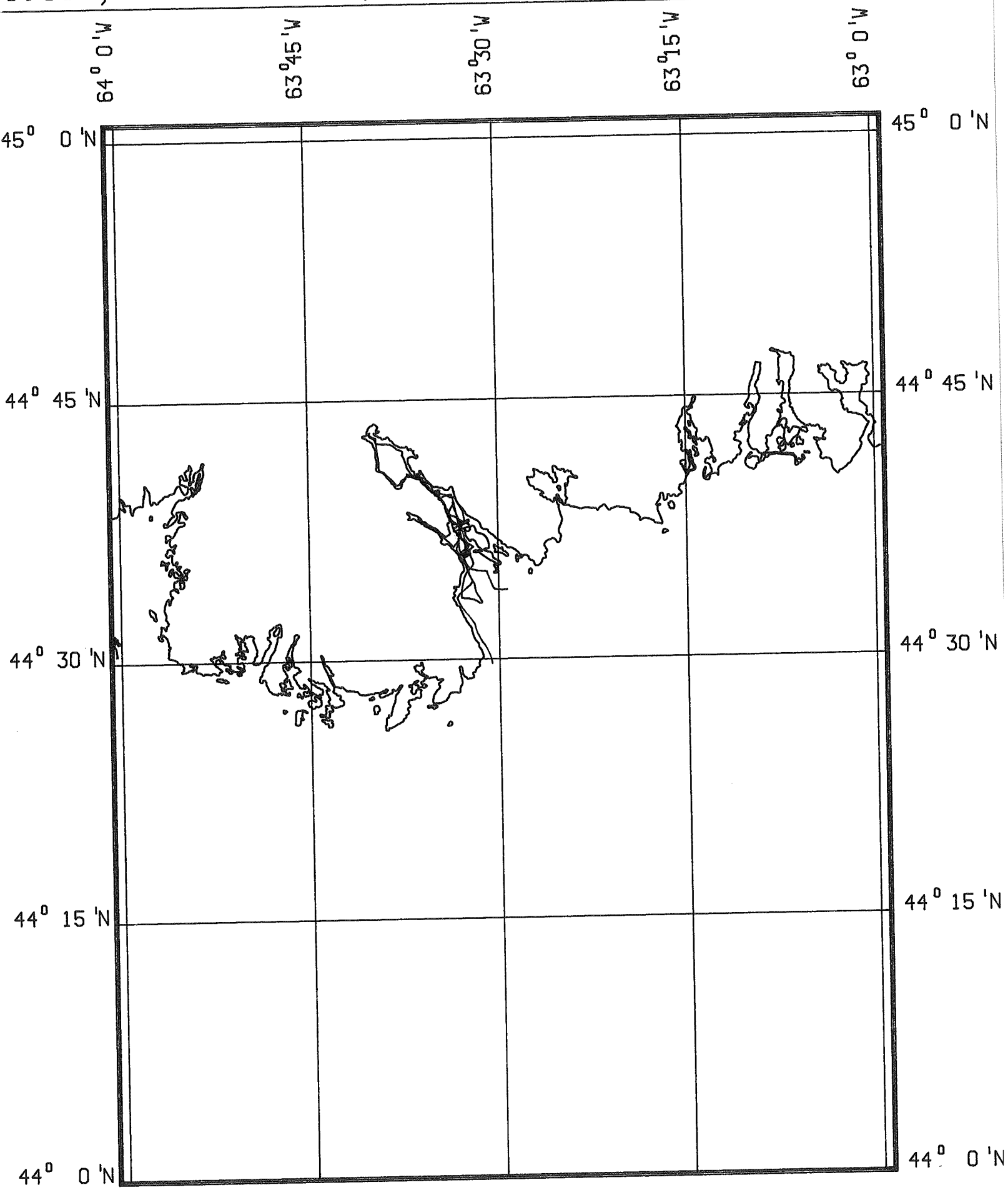
STATION	LATITUDE	LONGITUDE	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)	GEOGRAPHIC AREA
GC1	42.86083	-67.64650	225	211	0025	CORE	GRAVITY	93	CROWELL BASIN, GULF OF MAINE
GC2	42.91667	-67.38100	248	211	0250	CORE	GRAVITY	5	CROWELL BASIN, GULF OF MAINE
GC2A	42.93167	-67.38100	248	211	0305	CORE	GRAVITY	89	CROWELL BASIN, GULF OF MAINE
GC3	42.45133	-67.09700	384	212	0249	CORE	GRAVITY	76	GEORGES BASIN, GULF OF MAINE
PC1	43.38050	-67.76050	273	208	1132	CORE	EWING PISTON	823	JORDAN BASIN, GULF OF MAINE
PC1	43.38050	-67.76050	273	208	1132	CORE	TRIGGER WEIGHT	113	JORDAN BASIN, GULF OF MAINE
PC10	42.67083	-69.66217	285	217	1327	CORE	EWING PISTON	1624	WILKINSON BASIN, GULF OF MAINE
PC10	42.67083	-69.66217	285	217	1327	CORE	TRIGGER WEIGHT	103	WILKINSON BASIN, GULF OF MAINE
PC11	42.46550	-68.47850	217	219	0508	CORE	EWING PISTON	0	RODGERS BASIN, GULF OF MAINE
PC11	42.46550	-68.47850	217	219	0508	CORE	TRIGGER WEIGHT	0	RODGERS BASIN, GULF OF MAINE
PC12	42.46617	-68.47800	217	221	1030	CORE	EWING PISTON	456	RODGERS BASIN, GULF OF MAINE
PC12	42.46617	-68.47800	217	221	1030	CORE	TRIGGER WEIGHT	74	RODGERS BASIN, GULF OF MAINE
PC12A	42.46583	-68.47800	217	221	1144	CORE	EWING PISTON	1206	RODGERS BASIN, GULF OF MAINE
PC12A	42.46583	-68.47800	217	221	1144	CORE	TRIGGER WEIGHT	74	RODGERS BASIN, GULF OF MAINE
PC13	43.88483	-67.62984	210	222		CORE	EWING PISTON	472	JORDAN BASIN, GULF OF MAINE
PC13	43.88483	-67.62984	210	222		CORE	TRIGGER WEIGHT	20	JORDAN BASIN, GULF OF MAINE
PC1A	43.37967	-67.76183	273	208	1413	CORE	EWING PISTON	1202	JORDAN BASIN, GULF OF MAINE
PC1A	43.37967	-67.76183	273	208	1413	CORE	TRIGGER WEIGHT	77	JORDAN BASIN, GULF OF MAINE
PC2	43.52717	-67.73417	238	208	1658	CORE	EWING PISTON	494	JORDAN BASIN, GULF OF MAINE
PC2	43.52717	-67.73417	238	208	1658	CORE	TRIGGER WEIGHT	95	JORDAN BASIN, GULF OF MAINE
PC2A	43.52750	-67.73200	238	208	1933	CORE	EWING PISTON	841	JORDAN BASIN, GULF OF MAINE
PC2A	43.52750	-67.73200	238	208	1933	CORE	TRIGGER WEIGHT	80	JORDAN BASIN, GULF OF MAINE
PC3	43.68983	-67.69067	240	208	2258	CORE	EWING PISTON	1610	JORDAN BASIN, GULF OF MAINE
PC3	43.68983	-67.69067	240	208	2258	CORE	TRIGGER WEIGHT	69	JORDAN BASIN, GULF OF MAINE
PC4	42.93767	-67.35833	255	210	2244	CORE	EWING PISTON	1208	CROWELL BASIN, GULF OF MAINE
PC4	42.93767	-67.35833	255	210	2244	CORE	TRIGGER WEIGHT	22	CROWELL BASIN, GULF OF MAINE
PC5	42.46950	-67.11034	345	211	2059	CORE	EWING PISTON	1786	GEORGES BASIN, GULF OF MAINE
PC5	42.46950	-67.11034	345	211	2059	CORE	TRIGGER WEIGHT	50	GEORGES BASIN, GULF OF MAINE
PC6	42.44600	-67.10867	368	211	2358	CORE	EWING PISTON	1121	GEORGES BASIN, GULF OF MAINE
PC6	42.44600	-67.10867	368	211	2358	CORE	TRIGGER WEIGHT	13	GEORGES BASIN, GULF OF MAINE
PC7	42.81633	-69.95966	212	216	2003	CORE	EWING PISTON	1669	WILKINSON BASIN, GULF OF MAINE
PC7	42.81633	-69.95966	212	216	2003	CORE	TRIGGER WEIGHT	89	WILKINSON BASIN, GULF OF MAINE
PC8	43.01517	-70.14933	173	216	2312	CORE	EWING PISTON	1216	JEFFREYS BASIN, GULF OF MAINE
PC8	43.01517	-70.14933	173	216	2312	CORE	TRIGGER WEIGHT	86	JEFFREYS BASIN, GULF OF MAINE
PC9	43.23683	-70.11700	139	216	1449	CORE	EWING PISTON	1182	JEFFERYS BASIN, GULF OF MAINE
PC9	43.23683	-70.11700	139	216	1449	CORE	TRIGGER WEIGHT	129	JEFFERYS BASIN, GULF OF MAINE
ST1	43.38717	-67.77116	267	209	0548	WATER	CTD		JORDAN BASIN, GULF OF MAINE
ST2	42.93367	-67.38050	0	211	0315	WATER	CTD		CROWELL BASIN, GULF OF MAINE
ST3	43.01500	-70.14833	173	217	0029	WATER	CTD		WILKINSON BASIN, GULF OF MAINE
ST4	42.67033	-69.66133	285	217	1445	WATER	CTD		WILKINSON BASIN, GULF OF MAINE
ST5	42.47250	-67.10567	345	220	2137	WATER	CTD		GEORGES BASIN, GULF OF MAINE

18267

RECORDS

90001

CRUISE TRACKS - CREED90.
1:500,000 (MERCATOR, 45N)



AGC DATA SECTION
RECORD INVENTORY

ARCHIVE BOX #

CRUISE #

Creed 90

90-001

STORAGE AREA

FADER HAS

DATA TYPE

sidescan sonar

recorder: Klein 531T (wet paper)

RECORD #		DAY/TIME	TYPE
1		038/1344 - 038/1650	klein 100/500 kHz SS

AGC DATA SECTION
RECORD INVENTORY

ARCHIVE BOX #

CRUISE #

Creed 90

STORAGE AREA

DATA TYPE

Sidescan Sonar

recorder: Klein Thermal Digital

RECORD #		DAY/TIME	TYPE
1		038/1730 - 038/2031	Klein 100/500 kHz SS
2		039/1359 - 039/1615	
3		039/1906 - 039/1945	
4		039/1950 - 039/2037	
5		040/1410 - 040/2041	
6		041/1315 - 041/1555	
		041/1828 - 041/2018	

AGC DATA SECTION
RECORD INVENTORY

ARCHIVE BOX #

CRUISE #

Creed 90

STORAGE AREA

DATA TYPE

Seismic Reflection

recorder : FPC 4800

RECORD #		DAY/TIME	TYPE
1		038/1348 - 038/1655	Seistic / Bubble Pulser
2		039/1358 - 039/1515	
		039/1914 - 039/2020	
3		040/1440 - 040/2040	
4		041/1326 - 041/1555	
		041/1828 - 041/2015	

AGC DATA SECTION
RECORD INVENTORY

ARCHIVE BOX #

CRUISE #

Creed 90

STORAGE AREA

DATA TYPE

Seismic Reflection

recorder : EPC 8700

RECORD #		DAY/TIME	TYPE
1		038/1500 - 038/1650	IKB Seistic
2		039/1358 - 039/1515	
		039/1905 - 039/2020	
3		040/1440 - 040/2040	
4		041/1828 - 041/2015	
		041/1326 - 041/1555	

AGC DATA SECTION
RECORD INVENTORY

ARCHIVE BOX #

CRUISE #

Creed 90

STORAGE AREA

DATA TYPE

VCR Tape ⇒ Data storage

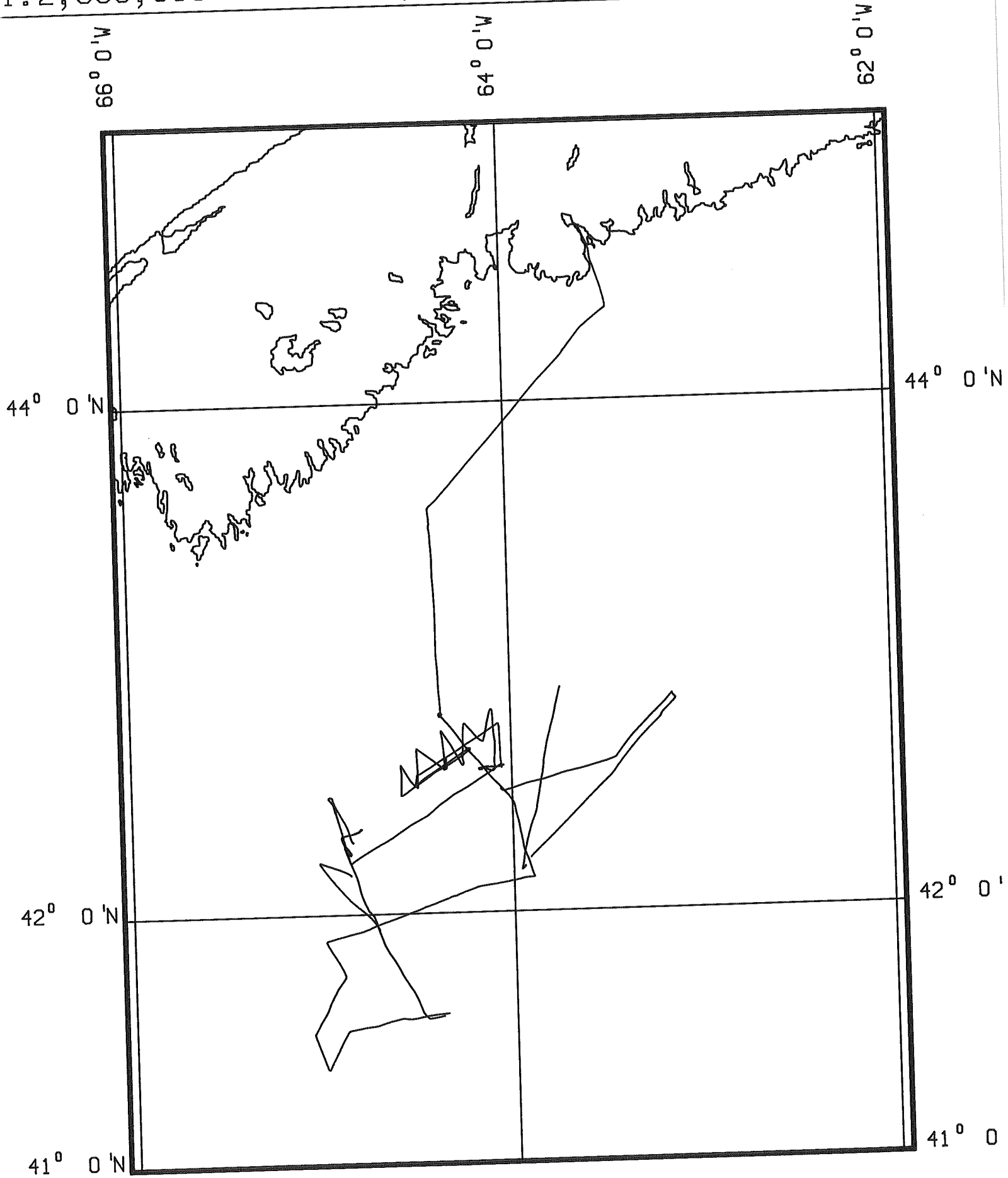
* plus two test tapes from Feb. 5 and Feb. 6 /90

tape speed: 2.4 cm/s

Tape ~~RECORD~~ #		DAY/TIME	TYPE
1		038/1407 - 038/1640	VHS VCR Tapes
2		038/1640 - 039/1446	
3		039/1446 - 039/2037	
4		040/1450 - 040/1735	
5		040/1735 - 040/2011	
6		040/2011 - 041/1528	
7		041/1528 - 041/2045	

90002

CRUISE TRACKS - 90002.
1:2,000,000 (MERCATOR, 45N)



Dawson 90-002 Records

Airgun Records (NSRF 25')

1	096/0525 - 096/1345	
	096/1420 - 097/0545	
2	097/0640 - 097/1535	
3	098/1250 -	
	099/0000 - 099/1110	
	099/1505 - 099/1900	
	099/1920 - 099/2235	
	099/2255 - .099/2320	
	099/2340 - 100/0215	
	100/0310 - 100/1050	
	100/1335 - 100/2115	

Airgun Records (SE 100')

1	096/1400 - 097/1945	EPC 4800
2	096/1425 - 097/1950	EPC 8700
3	097/2050 - 098/0650	
	098/1215 - 098/1650	
	099/0005 - 099/0635	EPC 8700
4	099/0645 - 099/1115	
	099/1510 - 100/1100	EPC 8700
5	097/2115 - 098/0250	
	098/1130 - 098/1615	
	099/0000 - 099/1110	
	099/1505 - 099/2235	
	099/2255 - 100/0230	
	100/0310 - 100/1050	
	100/1340 - 100/2125	
	100/2335 - 101/0900	EPC 4800
6	100/1340 - 101/0900	
	101/1745 - 102/0205	EPC 8700
7	100/2345 - 101/0900	
	101/1750 - 102/0205	EPC 4800
8	101/1745 - 102/0205	EPC 4800

Bathymetry (3.5 Khz)

1	095/2110 - 096/0745
2	096/0800 - 097/0420
3	097/0430 - 097/1950
	097/2100 - 098/0110
	098/0945 - 099/0005
4	099/0015 - 100/0555
5	100/0605 - 100/1135
	100/1210 - 100/1240
	100/1255 - 100/2130
	100/2330 - 101/1350
6	101/1725 - 102/0205
	102/0930 - 102/1125

Bathymetry (12 Khz)

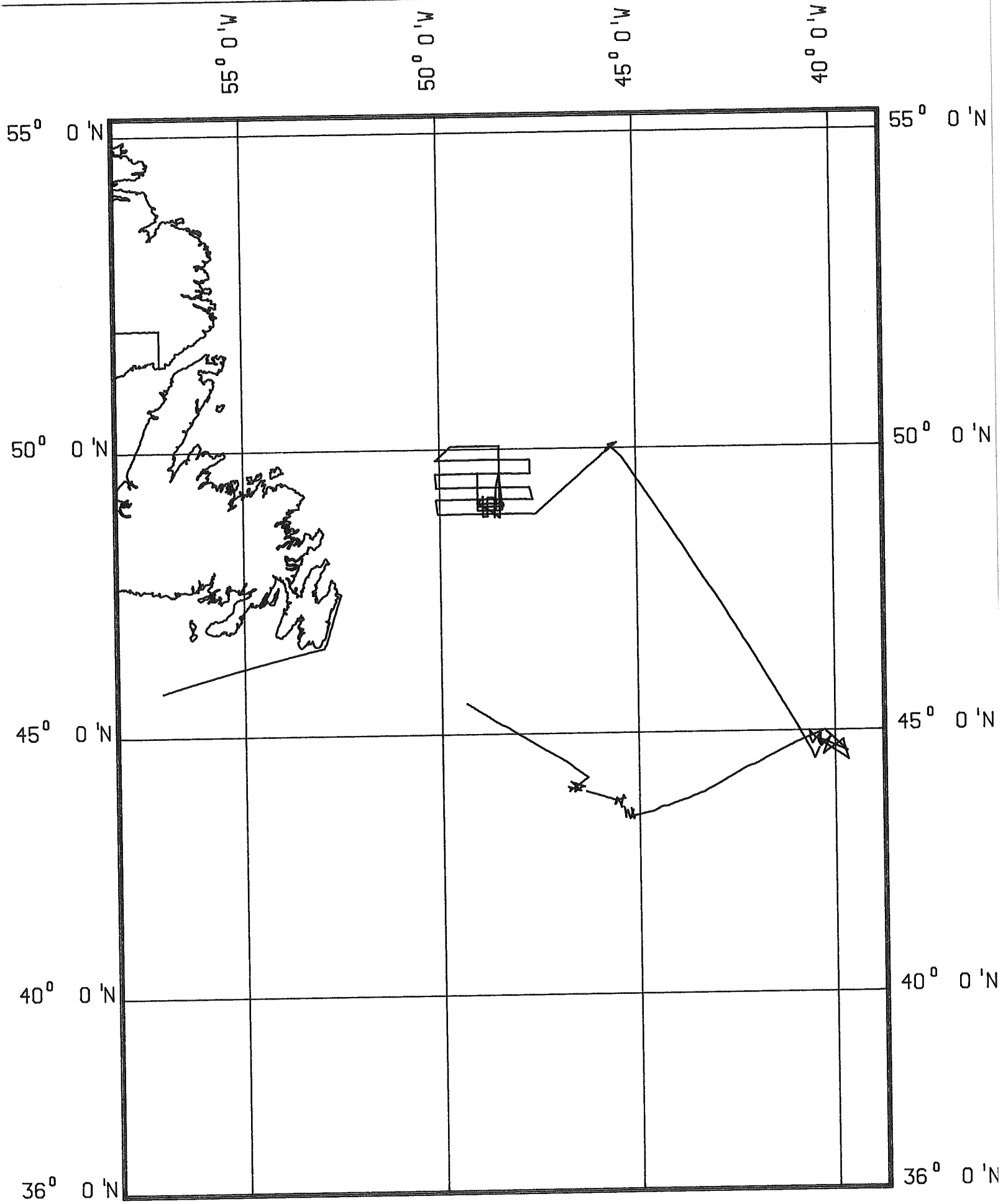
1	096/1425 - 098/2130
2	098/2145 - 100/1100
3	100/1136 - 101/0915
4	101/0920 - 101/2214
5	101/2215 - 102/0210

Airgun VHS Tapes

1	096/0612 - 096/1200
2	096/1200 - 096/1749
3	096/1754 - 096/2340
4	096/2340 - 097/0529
5	097/0531 - 097/1140
6	097/1140 - 097/1758
7	097/1803 - 098/0120
8	095/0120 - 098/1618
9	099/0011 - 099/0555
10	099/0557 - 099/1545
11	099/1544 - 099/2300
12	099/2300 - 100/0530
13	100/0532 - 100/1052
14	100/1341 - 100/1933
15	100/1944 - 101/0356
16	101/0358 - 101/0904
17	101/1747 - 101/2336
18	101/2339 - 102/0208

90007

CRUISE TRACKS - 90007.
1:8,700,000 (MERCATOR, 50N)



ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
-FINS- REPORTING PACKAGE

TABLE 1

SEISMICS/SIDESCAN COMBINED ON-LINE DATA TAPES

CRUISE NUMBER = 90007
CHIEF SCIENTIST = DR. PETA MUDIE
PROJECT NUMBER = 020044

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
001	1302117	1310011	SCREECH SEAMOUNT	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
002	1310011	1310314	SCREECH SEAMOUNT	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
003	1310317	1310613	SCREECH SEAMOUNT	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
004	1310615	1310908	SCREECH SEAMOUNT	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
005	1310910	1311205	SCREECH SEAMOUNT	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
006	1311206	1320149	SCREECH SEAMOUNT SCRUNCHION SEAMOUNT	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
007	1320149	1320448	SCRUNCHION SEAMOUNT	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
008	1320451	1320750	SCRUNCHION SEAMOUNT	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
009	1320751	1321048	SCRUNCHION SEAMOUNT	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
010	1321048	1322349	SCRUNCHION SEAMOUNT	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
-FINS- REPORTING PACKAGE

TABLE 1

SEISMICS/SIOESCAN COMBINED ON-LINE DATA TAPES

CRUISE NUMBER = 90007
CHIEF SCIENTIST = DR. PETA MUDIE
PROJECT NUMBER = 820044

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
011	1322349	1330245	DIPPER SEAMOUNT	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
012	1330249	1330608	DIPPER SEAMOUNT	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
013	1330610	1330920	DIPPER SEAMOUNT	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
014	1330922	1331130	DIPPER SEAMOUNT	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
015	1331130	1341725	DIPPER SEAMOUNT SHREDDER SEAMOUNT	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
016	1341727	1342030	MILNE SEAMOUNT	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
017	1342032	1342324	MILNE SEAMOUNT	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
018	1342334	1350253	MILNE SEAMOUNT	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
019	1350255	1351000	MILNE SEAMOUNT	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
020	1351002	1351300	MILNE SEAMOUNT	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
-FINS- REPORTING PACKAGE

TABLE 1

SEISMICS/SIDESCAN COMBINED ON-LINE DATA TAPES

CRUISE NUMBER = 90007
CHIEF SCIENTIST = DR. PETA MUDIE
PROJECT NUMBER = 820044

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
021	1360608	1360900	MILNE SEAMOUNT	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
022	1360901	1360954	MILNE SEAMOUNT	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
023	1380330	1380627	ORPHAN KNOLL	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
024	1380630	1380920	ORPHAN KNOLL	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
025	1380920	1381115	ORPHAN KNOLL	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
026	1390251	1390545	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
027	1390546	1390840	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
028	1390840	1391141	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
029	1391141	1391437	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
030	1391439	1391733	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
-FINS- REPORTING PACKAGE

TABLE 1

SEISMICS/SIDESCAN COMBINED ON-LINE DATA TAPES

CRUISE NUMBER = 90007
CHIEF SCIENTIST = DR. PETA MUDIE
PROJECT NUMBER = 820044

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
031	1391735	1392040	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
032	1392040	1392238	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
033	1392337	1400245	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
034	1400247	1400607	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
035	1400610	1400915	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
036	1400915	1401217	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
037	1401217	1401513	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
038	1401515	1401840	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
039	1401840	1402130	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
040	1402131	1410025	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
-FINS- REPORTING PACKAGE

TABLE 1

SEISMICS/SIDESCAN COMBINED ON-LINE DATA TAPES

CRUISE NUMBER = 90007
CHIEF SCIENTIST = DR. PETA MUDIE
PROJECT NUMBER = 820044

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
041	1410025	1410320	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
042	1410324	1410452	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
043	1410456	1410805	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
044	1410805	1411058	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
045	1411355	1411648	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
046	1411656	1412030	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
047	1411656	1412030	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
048	1412039	1412334	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
049	1412332	1420231	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
050	1420236	1420530	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
-FINS- REPORTING PACKAGE

TABLE 1

SEISMICS/SIDESCAN COMBINED ON-LINE DATA TAPES

CRUISE NUMBER = 90007
CHIEF SCIENTIST = DR. PETA MUDIE
PROJECT NUMBER = 820044

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
051	1420533	1420825	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
052	1420825	1421115	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
053	1421116	1421410	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
054	1421410	1421718	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
055	1421721	1422030	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
056	1422030	1422324	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
057	1422334	1430210	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
058	1430210	1430512	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
059	1430517	1430810	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
060	1430810	1431100	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
-FINS- REPORTING PACKAGE

TABLE 1

SEISMICS/SIDESCAN COMBINED ON-LINE DATA TAPES

CRUISE NUMBER = 90007
CHIEF SCIENTIST = DR. PETA MUDIE
PROJECT NUMBER = 820044

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
061	1431102	1431450	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
062	1431452	1431654	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
063	1431708	1432000	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
064	1432030	1432307	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
065	1432308	1440204	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
066	1440205	1440506	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
067	1440509	1440806	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
068	1440807	1441100	NORTHEAST NFLD SLOPE SURVEY	CH 1-3 = SEISMICS (SE-TRIGGER-NSRF) CH 4-6 = HUNTEC DTS (INT-TRIGGER-EXT) CH 8 = 3.5 KHZ ACOUSTIC PROFILER CH 14 = 3.5 KHZ TRIGGER	
069	1441101	1441425	NORTHEAST NFLD SLOPE SURVEY	1-3 = SEISTEC (DATA-TRIGGER-BP SIG) CH 7-9 = KLEIN (PORT - STARBOARD) CH 10 = KLEIN SIDESCAN TRIGGER CH 11 = BUBBLE PULSE TRIGGER	
070	1441853	1442145	NORTHEAST NFLD SLOPE SURVEY	1-3 = SEISTEC (DATA-TRIGGER-BP SIG) CH 7-9 = KLEIN (PORT - STARBOARD) CH 10 = KLEIN SIDESCAN TRIGGER CH 11 = BUBBLE PULSE TRIGGER	

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
-FINS- REPORTING PACKAGE

TABLE 1

SEISMICS/SIDESCAN COMBINED ON-LINE DATA TAPES

CRUISE NUMBER = 90007
CHIEF SCIENTIST = DR. PETA MUDIE
PROJECT NUMBER = 820044

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
071	1442145	1450039	NORTHEAST NFLD SLOPE SURVEY	1-3 = SEISTEC (DATA-TRIGGER-BP SIG) CH 7-9 = KLEIN (PORT - STARBOARD) CH 10 = KLEIN SIDESCAN TRIGGER CH 11 = BUBBLE PULSE TRIGGER	
072	1450040	1450347	NORTHEAST NFLD SLOPE SURVEY	1-3 = SEISTEC (DATA-TRIGGER-BP SIG) CH 7-9 = KLEIN (PORT - STARBOARD) CH 10 = KLEIN SIDESCAN TRIGGER CH 11 = BUBBLE PULSE TRIGGER	
073	1450349	1450640	NORTHEAST NFLD SLOPE SURVEY	1-3 = SEISTEC (DATA-TRIGGER-BP SIG) CH 7-9 = KLEIN (PORT - STARBOARD) CH 10 = KLEIN SIDESCAN TRIGGER CH 11 = BUBBLE PULSE TRIGGER	
074	1450641	1450933	NORTHEAST NFLD SLOPE SURVEY	1-3 = SEISTEC (DATA-TRIGGER-BP SIG) CH 7-9 = KLEIN (PORT - STARBOARD) CH 10 = KLEIN SIDESCAN TRIGGER CH 11 = BUBBLE PULSE TRIGGER	
075	1450934	1452210	NORTHEAST NFLD SLOPE SURVEY	1-3 = SEISTEC (DATA-TRIGGER-BP SIG) CH 7-9 = KLEIN (PORT - STARBOARD) CH 10 = KLEIN SIDESCAN TRIGGER CH 11 = BUBBLE PULSE TRIGGER	
076	1452210	1460109	NORTHEAST NFLD SLOPE SURVEY	1-3 = SEISTEC (DATA-TRIGGER-BP SIG) CH 7-9 = KLEIN (PORT - STARBOARD) CH 10 = KLEIN SIDESCAN TRIGGER CH 11 = BUBBLE PULSE TRIGGER	
077	1460110	1460404	NORTHEAST NFLD SLOPE SURVEY	1-3 = SEISTEC (DATA-TRIGGER-BP SIG) CH 7-9 = KLEIN (PORT - STARBOARD) CH 10 = KLEIN SIDESCAN TRIGGER CH 11 = BUBBLE PULSE TRIGGER	
078	1460406	1460712	NORTHEAST NFLD SLOPE SURVEY	1-3 = SEISTEC (DATA-TRIGGER-BP SIG) CH 7-9 = KLEIN (PORT - STARBOARD) CH 10 = KLEIN SIDESCAN TRIGGER CH 11 = BUBBLE PULSE TRIGGER	
079	1460715	1461020	NORTHEAST NFLD SLOPE SURVEY	1-3 = SEISTEC (DATA-TRIGGER-BP SIG) CH 7-9 = KLEIN (PORT - STARBOARD) CH 10 = KLEIN SIDESCAN TRIGGER CH 11 = BUBBLE PULSE TRIGGER	
080	1461020	1461305	NORTHEAST NFLD SLOPE SURVEY	1-3 = SEISTEC (DATA-TRIGGER-BP SIG) CH 7-9 = KLEIN (PORT - STARBOARD) CH 10 = KLEIN SIDESCAN TRIGGER CH 11 = BUBBLE PULSE TRIGGER	

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
-FINS- REPORTING PACKAGE

TABLE 1

SEISMICS/SIDESCAN COMBINED ON-LINE DATA TAPES

CRUISE NUMBER = 90007
CHIEF SCIENTIST = DR. PETA MUDIE
PROJECT NUMBER = 820044

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
081	1461306	1461608	NORTHEAST NFLD SLOPE SURVEY	1-3 = SEISTEC (DATA-TRIGGER-BP SIG) CH 7-9 = KLEIN (PORT - STARBOARD) CH 10 = KLEIN SIDESCAN TRIGGER CH 11 = BUBBLE PULSE TRIGGER	
082	1461609	1461732	NORTHEAST NFLD SLOPE SURVEY	1-3 = SEISTEC (DATA-TRIGGER-BP SIG) CH 7-9 = KLEIN (PORT - STARBOARD) CH 10 = KLEIN SIDESCAN TRIGGER CH 11 = BUBBLE PULSE TRIGGER	

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
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TABLE 2

SEISMIC RECORDS

CRUISE NUMBER = 90007
CHIEF SCIENTIST = DR. PETA MUDIE
PROJECT NUMBER = 820044

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	SYSTEM / SOUND SOURCE
002	1282040	1282214	S.E. 100'		SINGLE	RUN FROM HALIFAX TO ST. JOHN'S	LSR 1811	AGC SEISMICS SLEEVE GUN 40 CU.IN.
001	1282040	1282214	N.S.R.F.		SINGLE	RUN FROM HALIFAX TO ST. JOHN'S	LSR 1811	AGC SEISMICS SLEEVE GUN 40 CU.IN.
002	1302105	1311256	S.E. 25'		SINGLE	SCREECH SEAMOUNT	LSR 1811	AGC SEISMICS SLEEVE GUN 40 CU.IN.
001	1302110	1311302	S.E. 25'	A1-2 TO A6-7	SINGLE	SCREECH SEAMOUNT	LSR 1811	AGC SEISMICS SLEEVE GUN 40 CU.IN.
002	1310429	1311250	N.S.R.F.	A4-5 TO A6-7	SINGLE	SCREECH SEAMOUNT	LSR 1811	AGC SEISMICS SLEEVE GUN 40 CU.IN.
003	1312348	1321222	S.E. 100'		SINGLE	SCRUNCHION SEAMOUNT	EPC 4600	AGC SEISMICS SLEEVE GUN 40 CU.IN.
004	1312348	1321222	S.E. 100'		SINGLE	SCRUNCHION SEAMOUNT	LSR 1811	AGC SEISMICS SLEEVE GUN 40 CU.IN.
003	1312348	1321222	N.S.R.F.	B1-2 TO B7-8	SINGLE	SCRUNCHION SEAMOUNT	LSR 1811	AGC SEISMICS SLEEVE GUN 40 CU.IN.
005	1322246	1331323	S.E. 100'		SINGLE	DIPPER SEAMOUNT	EPC 4600	AGC SEISMICS SLEEVE GUN 40 CU.IN.
006	1322246	1331323	S.E. 100'		SINGLE	DIPPER SEAMOUNT	LSR 1811	AGC SEISMICS SLEEVE GUN 40 CU.IN.
004	1322246	1331323	N.S.R.F.	C1-2 TO C8-9	SINGLE	DIPPER SEAMOUNT	LSR 1811	AGC SEISMICS SLEEVE GUN 40 CU.IN.
007	1341620	1351259	S.E. 100'		SINGLE	SHREDDER SEAMOUNT	EPC 4600	AGC SEISMICS SLEEVE GUN 40 CU.IN.
008	1341620	1351259	S.E. 100'		SINGLE	SHREDDER SEAMOUNT	LSR 1811	AGC SEISMICS SLEEVE GUN 40 CU.IN.
005	1341620	1351259	N.S.R.F.	D1-2 TO D5-6	SINGLE	MILNE SEAMOUNTS	LSR 1811	AGC SEISMICS SLEEVE GUN 40 CU.IN.
009	1360557	1360954	S.E. 100'		SINGLE	MILNE SEAMOUNTS	EPC 4600	AGC SEISMICS SLEEVE GUN 40 CU.IN.
010	1360557	1360954	S.E. 100'		SINGLE	MILNE SEAMOUNTS	LSR 1811	AGC SEISMICS SLEEVE GUN 40 CU.IN.
006	1360557	1360954	N.S.R.F.	D12-13	SINGLE	MILNE SEAMOUNTS	LSR 1811	AGC SEISMICS SLEEVE GUN 40 CU.IN.

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
-FINS- REPORTING PACKAGE

TABLE 2

SEISMIC RECORDS

CRUISE NUMBER = 90007
CHIEF SCIENTIST = DR. PETA MUDIE
PROJECT NUMBER = 820044

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	SYSTEM / SOUND SOURCE
011	1380320	1381112	S.E. 100'		SINGLE	ORPHAN KNOLL	EPC 4600	AGC SEISMICS SLEEVE GUN 40 CU.IN.
012	1380320	1381112	S.E. 100'		SINGLE	ORPHAN KNOLL	LSR 1811	AGC SEISMICS SLEEVE GUN 40 CU.IN.
007	1380320	1381112	N.S.R.F.	E1-2 TO E3-4	SINGLE	ORPHAN KNOLL	LSR 1811	AGC SEISMICS SLEEVE GUN 40 CU.IN.
001	1390230	1312040	N.S.R.F.	1-2 TO 6-7	SINGLE	NORTHEAST NFLD SLOPE	LSR 1811	AGC SEISMICS SLEEVE GUN 40 CU IN
001	1390240	1412040	S.E. 100'	1-2 TO 6-7	SINGLE	NORTHEAST NFLD SLOPE	EPC 4600	AGC SEISMICS SLEEVE GUN 40 CU IN
003	1390245	1441325	S.E. 100'	1-2 TO 12-13	SINGLE	NORTHEAST NFLD SLOPE	EPC 4600	AGC SEISMICS SLEEVE GUN 40 CU IN
004	1412045	1441325	S.E. 100'	7-8 TO 12-13	SINGLE	NORTHEAST NFLD SLOPE	LSR 1811	AGC SEISMICS SLEEVE GUN 40 CU IN
002	1412045	1441325	S.E. 25'	7-8 TO 12-13	SINGLE	NORTHEAST NFLD SLOPE	LSR 1811	AGC SEISMICS SLEEVE GUN 40 CU IN
002	1412150	1432130	S.E. 100'	7-8 TO 11-12	SINGLE	NORTHEAST NFLD SLOPE	EPC 4800	AGC SEISMICS SLEEVE GUN 40 CU IN
005	1432133	1441325	S.E. 100'	11-12 TO 12-13	SINGLE	NORTHEAST NFLD SLOPE	EPC 4800	AGC SEISMICS SLEEVE GUN 40 CU IN
006	1441850	1461731	S.E. 100'	14-15 TO 26-27	SINGLE	NORTHEAST NFLD SLOPE	LSR 1811	AGC SEISMICS SLEEVE GUN 40 CU IN
008	1441850	1461730	S.E. 100'	14-15 TO 26-27	SINGLE	NORTHEAST NFLD SLOPE	EPC 4600	AGC SEISMICS SLEEVE GUN 40 CU IN
008	1441850	1461730	N.S.R.F.	14-15 TO 26-27	SINGLE	NORTHEAST NFLD SLOPE	EPC 4100	AGC SEISMICS SLEEVE GUN 40 CU IN
007	1441900	1461730	S.E. 100'	14-15 TO 26-27	SINGLE	NORTHEAST NFLD SLOPE	EPC 4800	AGC SEISMICS SLEEVE GUN 40 CU IN

ATLANTIC GEOSCIENCE CENTRE
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TABLE 3

HUNTEC RECORDS 90007

CRUISE NUMBER = 90007
CHIEF SCIENTIST = DR. PETA MUDIE
PROJECT NUMBER = 820044

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	HUNTEC SYSTEM
001	1390300	1391440	EXTERNAL	1-2	SINGLE	NORTHEAST NFLD SLOPE	EPC 4100	MEMORIAL UNIVERSITY
002	1391450	1401205	EXTERNAL		SINGLE	NORTHEAST NFLD SLOPE	EPC 4100	MEMORIAL UNIVERSITY
002	1400245	1441140	INTERNAL	3-4 TO 12-13	SINGLE	NORTHEAST NFLD SLOPE	EPC 4100	MEMORIAL UNIVERSITY
003	1401210	1450635	INTERNAL	3-4 TO 18-19	SINGLE	NORTHEAST NFLD SLOPE	EPC 4100	MEMORIAL UNIVERSITY
003	1401210	1450635	INTERNAL	3-4 TO 18-19	SINGLE	NORTHEAST NFLD SLOPE	EPC 4100	MEMORIAL UNIVERSITY
004	1450636	1461340	EXTERNAL		SINGLE	NORTHEAST NFLD SLOPE	EPC 4100	MEMORIAL UNIVERSITY
004	1460152	1461605	INTERNAL		SINGLE	NORTHEAST NFLD SLOPE	EPC 4100	MEMORIAL UNIVERSITY
001	1460152	1461605	INTERNAL		SINGLE	NORTHEAST NFLD SLOPE	EPC 4100	MEMORIAL UNIVERSITY
005	1461342	1461605	EXTERNAL		SINGLE	NORTHEAST NFLD SLOPE	EPC 4100	MEMORIAL UNIVERSITY

ATLANTIC GEOSCIENCE CENTRE
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TABLE 4

3.5 KHZ RECORDS

CRUISE NUMBER = 90007
CHIEF SCIENTIST = DR. PETA MUDIE
PROJECT NUMBER = 820044

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	SYSTEM / SOUND SOURCE
001	1272310	1280300				RUN FROM HALIFAX TO ST. JOHN'S	EPC 4100	ORE HULL MOUNTED
002	1281150	1290525				RUN FROM HALIFAX TO ST. JOHN'S	EPC 4100	ORE HULL MOUNTED
004	1300823	1301707				RUN FROM ST. JOHN'S TO NFLD SEAMOUNTS	EPC 4100	ORE HULL MOUNTED
005	1301720	1321034		A1-2 TO B5-6		SCREECH / SCRUNCHION SEAMOUNTS	EPC 4100	ORE HULL MOUNTED
006	1321040	1331617		B6-7 TO C8-9		SCRUNCHION / DIPPER SEAMOUNTS	EPC 4100	ORE HULL MOUNTED
007	1331635	1350000		D1-2		MILNE SEAMOUNTS	EPC 4100	ORE HULL MOUNTED
008	1350000	1360725		D2-3 TO D5-6		MILNE SEAMOUNTS	EPC 4100	ORE HULL MOUNTED
009	1360725	1370330				RUN TO ORPHAN KNOLL	EPC 4100	ORE HULL MOUNTED
010	1370347	1381905		E1-2 TO E3-4		ORPHAN KNOLL	EPC 4100	ORE HULL MOUNTED
001	1381910	1400055		1-2 TO 3-4		NORTHEAST NFLD SLOPE	EPC 4100	ORE HULL MOUNTED
004	1410625	1421445		5-6 TO 7-8		NORTHEAST NFLD SLOPE	EPC 4100	ORE HULL MOUNTED
005	1421455	1431540		8-9 TO 10-11		NORTHEAST NFLD SLOPE	EPC 4100	ORE HULL MOUNTED
006	1431541	1442245		11-12 TO 15-16		NORTHEAST NFLD SLOPE	EPC 4100	ORE HULL MOUNTED
002	1400058	1410345		3-4 TO 5-6		NORTHEAST NFLD SLOPE	EPC 4100	ORE HULL MOUNTED
003	1410353	1410620		5-6		NORTHEAST NFLD SLOPE	EPC 4100	ORE HULL MOUNTED
003	1290530	1291126				RUN FROM HALIFAX TO ST. JOHN'S.	EPC 4100	ORE HULL MOUNTED
007	1442250	1460455		15-16 TO 23-24		RUN FROM HALIFAX TO ST. JOHN'S.	EPC 4100	ORE HULL MOUNTED
008	1460505	1461730		23-24 TO 26-27		RUN FROM HALIFAX TO ST. JOHN'S.	EPC 4100	ORE HULL MOUNTED

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
-FINS- REPORTING PACKAGE

TABLE 5

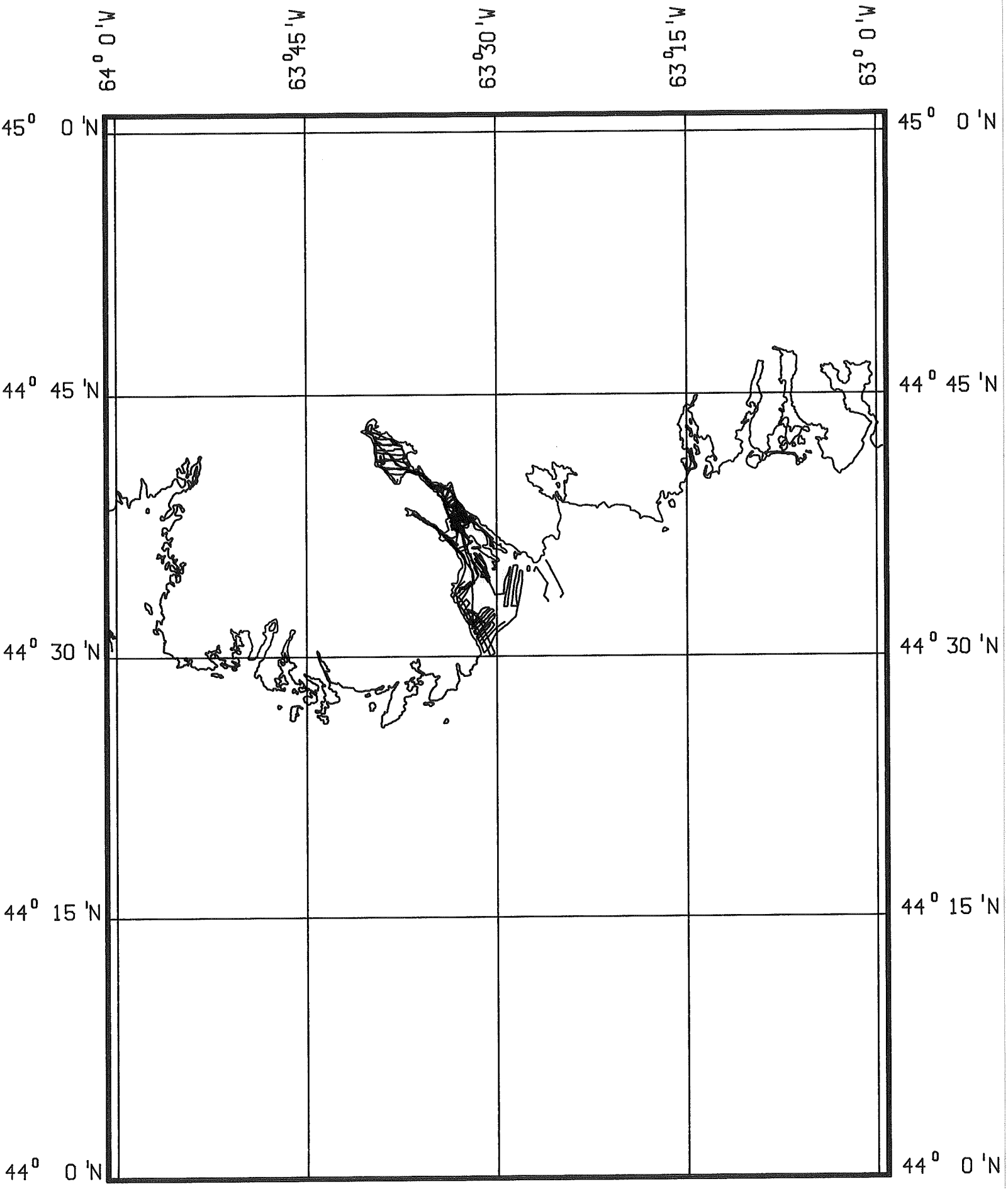
BATHYMETRY RECORDS

CRUISE NUMBER = 90007
CHIEF SCIENTIST = DR. PETA MUDIE
PROJECT NUMBER = 820044

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	FREQUENCY	LINE NUMBERS	FIX NUMBERS	GEOGRAPHIC LOCATION	RECORDER	NOTES
001	STN001	TO 007	12 KHZ.				LSR	PINGER TRACE FOR SAMPLES 001-007
002	1300815	1311240	12 KHZ.			NEWFOUNDLAND SEAMOUNTS	LSR	
003	1312135	1352350	12 KHZ.			NEWFOUNDLAND SEAMOUNTS	LSR	
004	1360005	1380747	12 KHZ.			NFLD SEAMOUNTS AND ORPHAN KNOLL	LSR	
005	1380750	1381215	12 KHZ.	E2-3 TO E3-4		ORPHAN KNOLL	LSR	
006	1391315	1401200	12 KHZ.	1-2 TO 3-4		NORTHEAST NFLD SLOPE SURVEY	LSR	
007	1401201	1431125	12 KHZ.	3-4 TO 9-10		NORTHEAST NFLD SLOPE SURVEY	LSR	

90010

CRUISE TRACKS - 90010.
1:500,000 (MERCATOR, 45N)



90010

DATA SECTION
-FINS- REPORTING PACKAGE

SEISMIC RECORDS

CHIEF SCIENTIST = G.B. FADER
PROJECT NUMBER = 890045

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	SYSTEM / SOUND SOURCE
001	1421659	1422100	EXTERNAL		SINGLE	HALIFAX HARBOUR	EPC 1600	DATASONICS BUBBLE PULSER
002	1431306	1432108	EXTERNAL		SINGLE	HALIFAX HARBOUR	EPC 1600	DATASONICS BUBBLE PULSER
003	1441433	1442027	EXTERNAL		SINGLE	HALIFAX HARBOUR	EPC 1600	DATASONICS BUBBLE PULSER
005	1451159	1451941	EXTERNAL		SINGLE	HALIFAX HARBOUR	EPC 1600	DATASONICS BUBBLE PULSER
004	1451206	1451430	EXTERNAL		SINGLE	HALIFAX HARBOUR	EPC 1600	DATASONICS BUBBLE PULSER
006	1461316	1462051	EXTERNAL		SINGLE	HALIFAX HARBOUR	EPC 1600	DATASONICS BUBBLE PULSER
007	1471256	1472059	EXTERNAL		SINGLE	HALIFAX HARBOUR	EPC 1600	DATASONICS BUBBLE PULSER
008	1511253	1511858	EXTERNAL		SINGLE	HALIFAX HARBOUR	EPC 1600	DATASONICS BUBBLE PULSER
009	1521500	1521922	EXTERNAL		SINGLE	HALIFAX HARBOUR	EPC 1600	DATASONICS BUBBLE PULSER
010	1531245	1532036	EXTERNAL		SINGLE	HALIFAX HARBOUR	EPC 1600	DATASONICS BUBBLE PULSER
011	1541142	1542124	EXTERNAL		SINGLE	HALIFAX HARBOUR	EPC 1600	DATASONICS BUBBLE PULSER
001	1421705	1422100	INTERNAL		SINGLE	HALIFAX HARBOUR	EPC 8700	SEISTEC BOOMER
002	1431307	1432110	INTERNAL		SINGLE	HALIFAX HARBOUR	EPC 1600	SEISTEC BOOMER
003	1441201	1442028	INTERNAL		SINGLE	HALIFAX HARBOUR	EPC 1600	SEISTEC BOOMER
004	1451159	1451650	INTERNAL		SINGLE	HALIFAX HARBOUR	EPC 1600	SEISTEC BOOMER
006	1451440	1451941	INTERNAL		SINGLE	HALIFAX HARBOUR	EPC 8700	SEISTEC BOOMER
005	1451653	1451941	INTERNAL		SINGLE	HALIFAX HARBOUR	EPC 1600	SEISTEC BOOMER

UNIT SECTION
-FINS- REPORTING PACKAGE

SEISMIC RECORDS

CHIEF SCIENTIST = G.B. FADER
PROJECT NUMBER = 890045

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	SYSTEM / SOUND SOURCE
007	1461221	1462051	INTERNAL		SINGLE	HALIFAX HARBOUR	EPC 1600	SEISTEC BOOMER
008	1461221	1462051	INTERNAL		SINGLE	HALIFAX HARBOUR	EPC 8700	SEISTEC BOOMER
009	1471255	1472058	INTERNAL		SINGLE	HALIFAX HARBOUR	EPC 1600	SEISTEC BOOMER
010	1471255	1472059	INTERNAL		SINGLE	HALIFAX HARBOUR	EPC 8700	SEISTEC BOOMER
011	1511231	1511858	INTERNAL		SINGLE	HALIFAX HARBOUR	EPC 1600	SEISTEC BOOMER
012	1511233	1511858	INTERNAL		SINGLE	HALIFAX HARBOUR	EPC 8700	SEISTEC BOOMER
013	1521500	1521922	INTERNAL		SINGLE	HALIFAX HARBOUR	EPC 1600	SEISTEC BOOMER
014	1521549	1521922	INTERNAL		SINGLE	HALIFAX HARBOUR	EPC 8700	SEISTEC BOOMER
015	1531248	1532036	INTERNAL		SINGLE	HALIFAX HARBOUR	EPC 1600	SEISTEC BOOMER
016	1531248	1532036	INTERNAL		SINGLE	HALIFAX HARBOUR	EPC 8700	SEISTEC BOOMER
019	1541141	1541750	INTERNAL		SINGLE	HALIFAX HARBOUR	EPC 8700	SEISTEC BOOMER
017	1541142	1542124	INTERNAL		SINGLE	HALIFAX HARBOUR	EPC 1600	SEISTEC BOOMER
018	1541755	1542124	INTERNAL		SINGLE	HALIFAX HARBOUR	EPC 8700	SEISTEC BOOMER

DATA SECTION
-FINS- REPORTING PACKAGE

SIDESCAN RECORDS

CHIEF SCIENTIST = G.B. FADER
PROJECT NUMBER = 890045

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	SIDESCAN SYSTEM
001	1421632	1422102		COMBINED	HALIFAX HARBOUR	KLEIN 595	595 (100/500 KHZ)
002	1431300	1431815		COMBINED	HALIFAX HARBOUR	KLEIN 595	595 (100/500 KHZ)
003	1431820	1432115		COMBINED	HALIFAX HARBOUR	KLEIN 595	595 (100/500 KHZ)
004	1441201	1441851		COMBINED	HALIFAX HARBOUR	KLEIN 595	595 (100/500 KHZ)
005	1441855	1442031		COMBINED	HALIFAX HARBOUR	KLEIN 595	595 (100/500 KHZ)
006	1451152	1451942		COMBINED	HALIFAX HARBOUR	KLEIN 595	595 (100/500 KHZ)
007	1461221	1462051		COMBINED	HALIFAX HARBOUR	KLEIN 595	595 (100/500 KHZ)
008	1471215	1472102		COMBINED	HALIFAX HARBOUR	KLEIN 595	595 (100/500 KHZ)
009	1511231	1511857		COMBINED	HALIFAX HARBOUR	KLEIN 595	595 (100/500 KHZ)
010	1521456	1521811		COMBINED	HALIFAX HARBOUR	KLEIN 595	595 (100/500 KHZ)
011	1521846	1521922		COMBINED	HALIFAX HARBOUR	KLEIN 595	595 (100/500 KHZ)
012	1531248	1532038		COMBINED	HALIFAX HARBOUR	KLEIN 595	595 (100/500 KHZ)
013	1541142	1541253		COMBINED	HALIFAX HARBOUR	KLEIN 595	595 (100/500 KHZ)
014	1541256	1542007		COMBINED	HALIFAX HARBOUR	KLEIN 595	595 (100/500 KHZ)
015	1542011	1542117		COMBINED	HALIFAX HARBOUR	KLEIN 595	595 (100/500 KHZ)
016	1542121	1542126		COMBINED	HALIFAX HARBOUR	KLEIN 595	595 (100/500 KHZ)

DATA SECTION
-FINS- REPORTING PACKAGE

BATHYMETRY RECORDS

CHIEF SCIENTIST: G.B. FRUCK
PROJECT NUMBER = 890045

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	FREQUENCY	LINE NUMBERS	PARAMETER	GEOGRAPHIC LOCATION	RECORDER	NOTES
001	1421640	1422100	30 KHZ		30 KHZ	HALIFAX HARBOUR	ELAC	
002	1431258	1471747	30 KHZ		30 KHZ	HALIFAX HARBOUR	ELAC	
003	1471750	1511900	30 KHZ		30 KHZ	HALIFAX HARBOUR	ELAC	
004	1521455	1562045	30 KHZ		30 KHZ	HALIFAX HARBOUR	ELAC	
005	1571240	1571846	30 KHZ		30 KHZ	HALIFAX HARBOUR	ELAC	

SEISMICS/SIDESCAN COMBINED ON-LINE DATA TAPES

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
001	1421615	1421952	HALIFAX HARBOUR	CH 1 - 100KHZ FM PORT CH 2 - 100KHZ FM STBD CH 3 - REF DR CH 4 - SEISTEC AND VOICE	
002	1421952	1431450	HALIFAX HARBOUR	CH 1 - 100KHZ FM PORT CH 2 - 100KHZ FM STBD CH 3 - REF DR CH 4 - SEISTEC AND VOICE	
003	1431700	1432000	HALIFAX HARBOUR	CH 1 - 100KHZ FM PORT CH 2 - 100KHZ FM STBD CH 3 - REF DR CH 4 - SEISTEC AND VOICE	
004	1432040	1441445	HALIFAX HARBOUR	CH 1 - 100KHZ FM PORT CH 2 - 100KHZ FM STBD CH 3 - REF DR CH 4 - SEISTEC AND VOICE	
005	1441445	1441755	HALIFAX HARBOUR	CH 1 - 100KHZ FM PORT CH 2 - 100KHZ FM STBD CH 3 - REF DR CH 4 - SEISTEC AND VOICE	
006	1441757	1451253	HALIFAX HARBOUR	CH 1 - 100KHZ FM PORT CH 2 - 100KHZ FM STBD CH 3 - REF DR CH 4 - SEISTEC AND VOICE	
007	1451300	1451600	HALIFAX HARBOUR	CH 1 - 100KHZ FM PORT CH 2 - 100KHZ FM STBD CH 3 - REF DR CH 4 - SEISTEC AND VOICE	
008	1451620	1451930	HALIFAX HARBOUR	CH 1 - 100KHZ FM PORT CH 2 - 100KHZ FM STBD CH 3 - REF DR CH 4 - SEISTEC AND VOICE	
009	1451930	1461500	HALIFAX HARBOUR	CH 1 - 100KHZ FM PORT CH 2 - 100KHZ FM STBD CH 3 - REF DR CH 4 - SEISTEC AND VOICE	
010	1461510	1461825	HALIFAX HARBOUR	CH 1 - 100KHZ FM PORT CH 2 - 100KHZ FM STBD CH 3 - REF DR CH 4 - SEISTEC AND VOICE	

SEISMICS/SIDESCAN COMBINED ON-LINE DATA TAPES

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
011	1461827	1471343	HALIFAX HARBOUR	CH 1 - 100KHZ FM PORT CH 2 - 100KHZ FM STBD CH 3 - REF DR CH 4 - SEISTEC AND VOICE	
012	1471343	1471653	HALIFAX HARBOUR	CH 1 - 100KHZ FM PORT CH 2 - 100KHZ FM STBD CH 3 - REF DR CH 4 - SEISTEC AND VOICE	
013	1471653	1472003	HALIFAX HARBOUR	CH 1 - 100KHZ FM PORT CH 2 - 100KHZ FM STBD CH 3 - REF DR CH 4 - SEISTEC AND VOICE	
014	1472007	1472100	HALIFAX HARBOUR	CH 1 - 100KHZ FM PORT CH 2 - 100KHZ FM STBD CH 3 - REF DR CH 4 - SEISTEC AND VOICE	
015	1511230	1511543	HALIFAX HARBOUR	CH 1 - 100KHZ FM PORT CH 2 - 100KHZ FM STBD CH 3 - REF DR CH 4 - SEISTEC AND VOICE	
016	1511543	1511900	HALIFAX HARBOUR	CH 1 - 100KHZ FM PORT CH 2 - 100KHZ FM STBD CH 3 - REF DR CH 4 - SEISTEC AND VOICE	
017	1521458	1521810	HALIFAX HARBOUR	CH 1 - 100KHZ FM PORT CH 2 - 100KHZ FM STBD CH 3 - REF DR CH 4 - SEISTEC AND VOICE	
018	1521848	1531553	HALIFAX HARBOUR	CH 1 - 100KHZ FM PORT CH 2 - 100KHZ FM STBD CH 3 - REF DR CH 4 - SEISTEC AND VOICE	
019	1531557	1531907	HALIFAX HARBOUR	CH 1 - 100KHZ FM PORT CH 2 - 100KHZ FM STBD CH 3 - REF DR CH 4 - SEISTEC AND VOICE	
020	1531920	1541350	HALIFAX HARBOUR	CH 1 - 100KHZ FM PORT CH 2 - 100KHZ FM STBD CH 3 - REF DR CH 4 - SEISTEC AND VOICE	

DATA SECTION
-FINS- REPORTING PACKAGE

SEISMICS/SIDESCAN COMBINED ON-LINE DATA TAPES

CHIEF SCIENTIST = G.B. FADER
PROJECT NUMBER = 890045

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
021	1541350	1541735	HALIFAX HARBOUR	CH 1 - 100KHZ FM PORT CH 2 - 100KHZ FM STBD CH 3 - REF DR CH 4 - SEISTEC AND VOICE	
022	1541735	1542053	HALIFAX HARBOUR	CH 1 - 100KHZ FM PORT CH 2 - 100KHZ FM STBD CH 3 - REF DR CH 4 - SEISTEC AND VOICE	

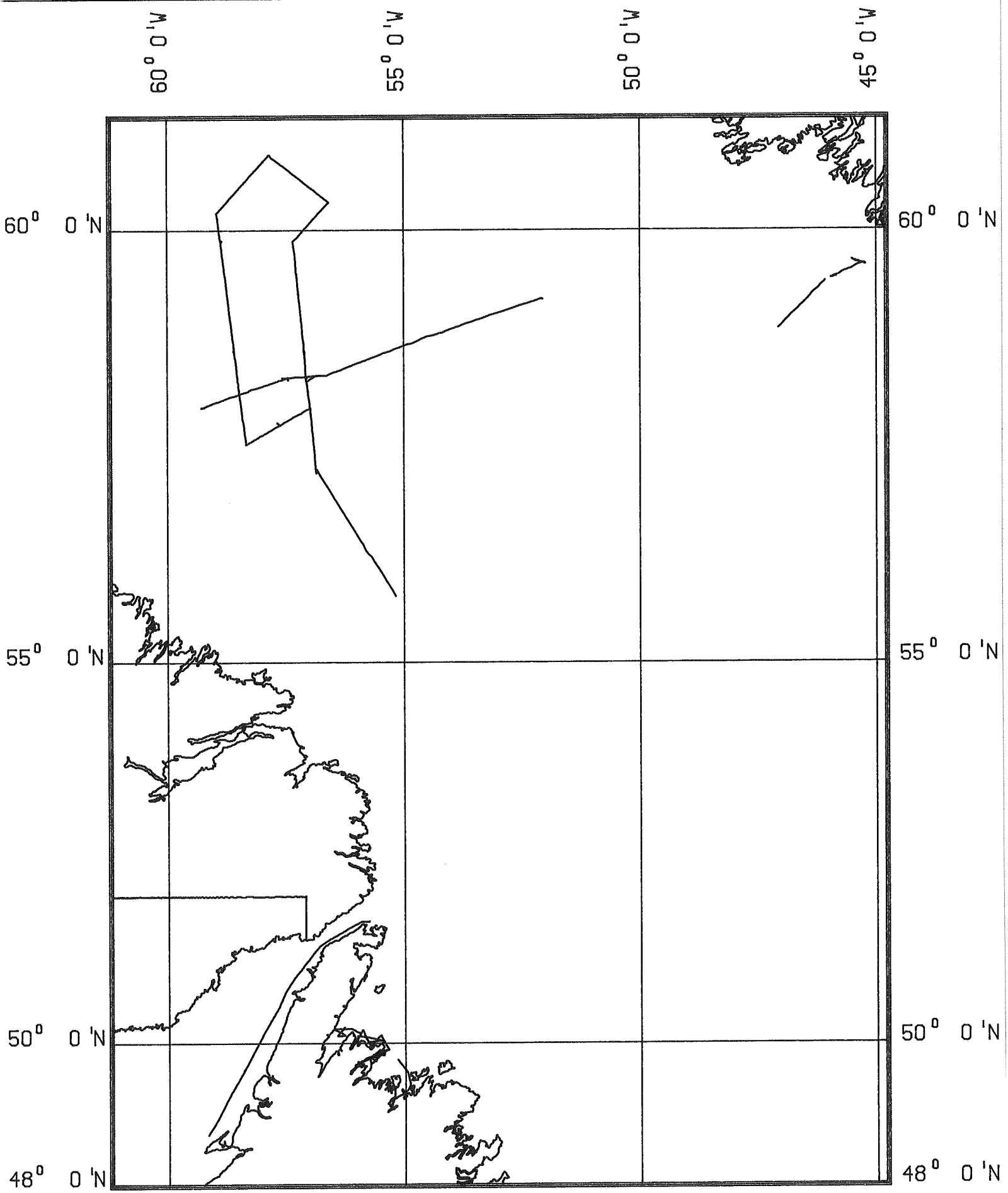
023 ?

Logs

1. Data Tech /Navigator Log (Days 142 - 154)

90013

CRUISE TRACKS - 90013.
1:5,700,000 (MERCATOR, 60N)



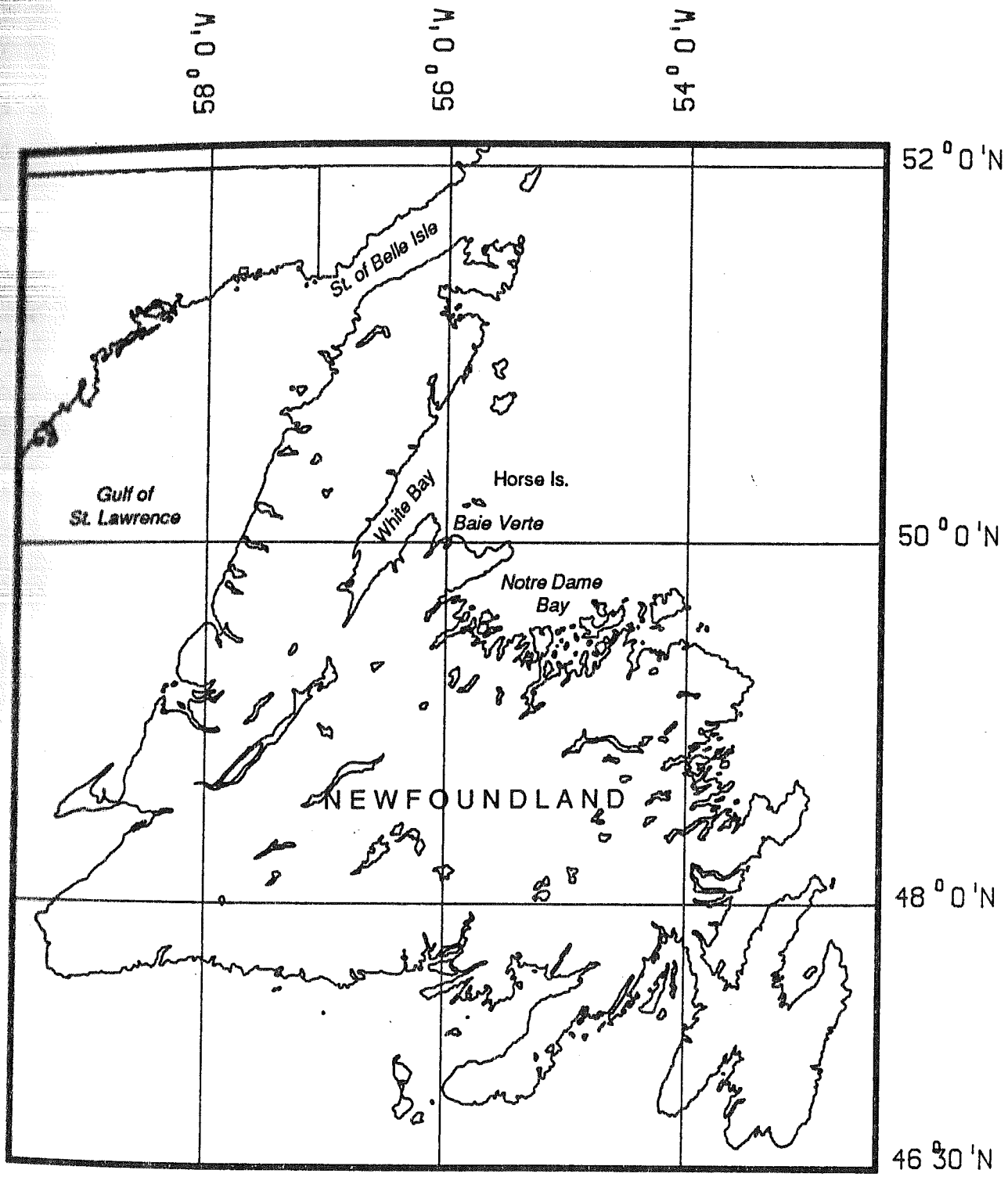


FIGURE 1. Location map.

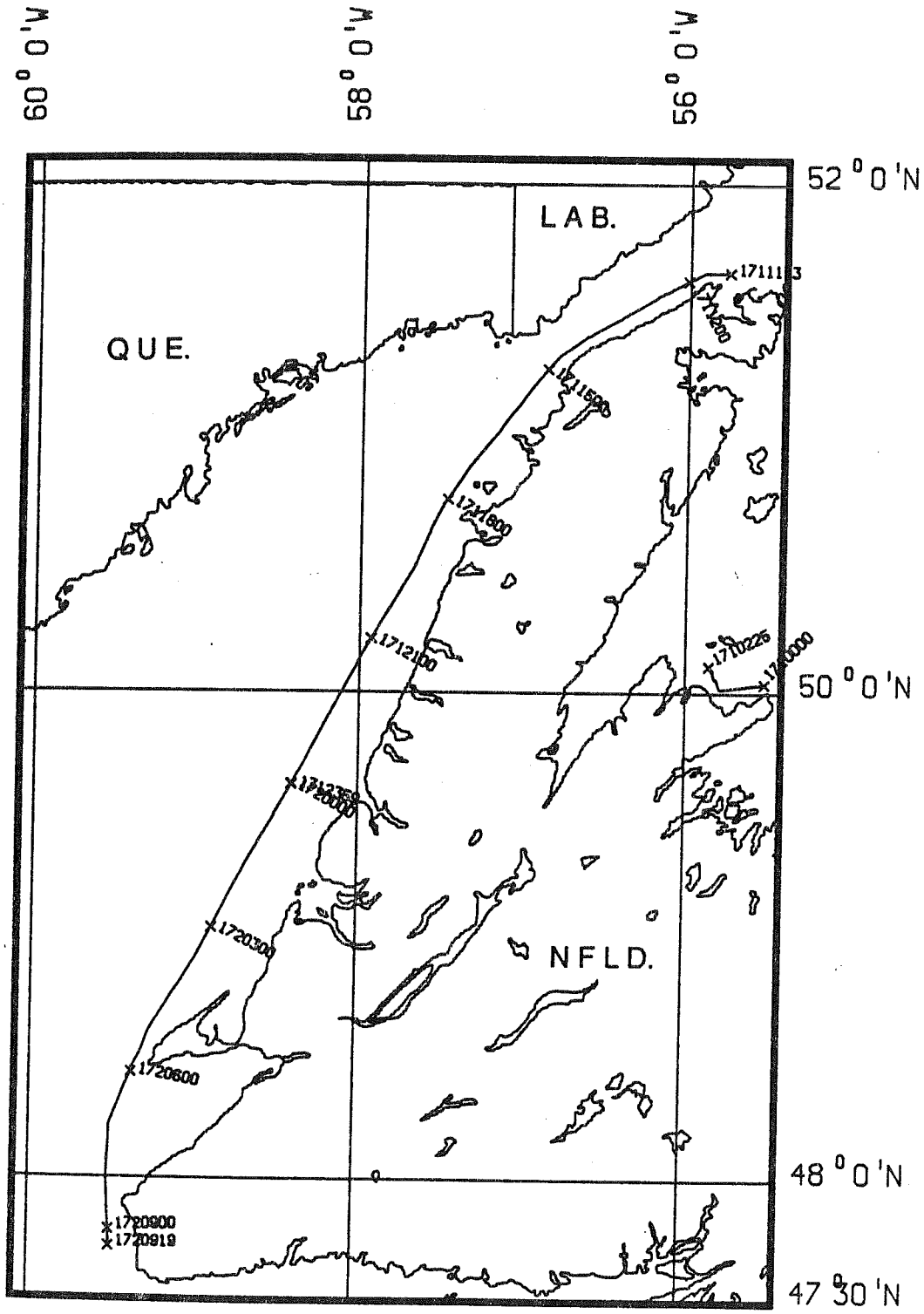


FIGURE 2. Ship's tracks during collection of 3.5 kHz data on the homeward voyage.

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
-FINS- REPORTING PACKAGE

TABLE 5

SEISMIC RECORDS

CRUISE NUMBER = 90013
CHIEF SCIENTIST = HILLAIRE-MARCEL
PROJECT NUMBER =

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	SYSTEM / SOUND SOURCE
27	1671659	1681040	SE 100'	16 TO 32	SINGLE	BAIE VERTE	LSR 1811	AGC SEISMICS SLEEVE GUN 40 CU IN
26	1671700	1681040	NSRF 25'	16 TO 32	SINGLE	BAIE VERTE	LSR 1811	AGC SEISMICS SLEEVE GUN 40 CU IN
28	1682127	1691316	NSRF 25'	33 TO 42	SINGLE	NOTRE DAME BAY	LSR 1811	AGC SEISMICS SLEEVE GUN 40 CU IN
29	1682127	1691316	DE 100''	33 TO 42	SINGLE	NOTRE DAME BAY	LSR 1811	AGC SEISMICS SLEEVE GUN 40 CU IN
30	1700035	1701437	NSRF 25'	43, 44, 45	SINGLE	NOTRE DAME BAY AND HALL BAY	LSR 1811	AGC SEISMICS SLEEVE GUN 40 CU IN
31	1700035	1701437	SE 100'	43, 44, 45	SINGLE	NOTRE DAME BAY AND HALL BAY	LSR 1811	AGC SEISMICS SLEEVE GUN 40 CU IN

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
-FINS- REPORTING PACKAGE

TABLE 6

HUNTEC RECORDS

CRUISE NUMBER = 90013
CHIEF SCIENTIST = HILLAIRE-MARCEL
PROJECT NUMBER =

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	HUNTEC SYSTEM
2	1671650	1681038	INTERNAL	16 TO 32	SINGLE	BAIE VERTE	EPC 4100	AGC
1	1671720	1681038	EXTERNAL	16 TO 32	SINGLE	BAIE VERTE	EPC 4100	AGC
3	1682140	1691316	EXTERNAL	33 TO 42	SINGLE	NOTRE DAME BAY	EPC 4100	AGC
4	1682140	1691316	INTERNAL	33 TO 42	SINGLE	NOTRE DAME BAY	EPC 4100	AGC
5	1700034	1701437	EXTERNAL	43, 44, 45	SINGLE	NOTRE DAME BAY AND HALL BAY	EPC 4100	AGC
6	1700034	1701437	INTERNAL	43, 44, 45	SINGLE	NOTRE DAME BAY AND HALL BAY	EPC 4100	AGC
7	1700034	1701437	INTERNAL	43, 44, 45	SINGLE	NOTRE DAME BAY AND HALL BAY	EPC 4100	AGC

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
-FINS- REPORTING PACKAGE

TABLE 7

CRUISE NUMBER = 86013
CHIEF SCIENTIST = HILLAIRE-MARCEL
PROJECT NUMBER =

SEISMICS/SIDESCAN COMBINED ON-LINE DATA TAPES

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
1	167----	1672120	BAIE VERTE	CH.1-3 = AGC SEISMICS CH 4 = HUNTEC INTERNAL CH 5 = HUNTEC TRIGGER SYNC CH 6 = HUNTEC EXTERNAL	LINES 16 TO 23
2	1672120	1680010	BAIE VERTE	CH.1-3 = AGC SEISMICS CH 4 = HUNTEC INTERNAL CH 5 = HUNTEC TRIGGER SYNC CH 6 = HUNTEC EXTERNAL	LINES 23 TO 28
3	1680010	1680305	BAIE VERTE	CH.1-3 = AGC SEISMICS CH 4 = HUNTEC INTERNAL CH 5 = HUNTEC TRIGGER SYNC CH 6 = HUNTEC EXTERNAL	LINES 28 & 29
4	1680305	1680600	BAIE VERTE	CH.1-3 = AGC SEISMICS CH 4 = HUNTEC INTERNAL CH 5 = HUNTEC TRIGGER SYNC CH 6 = HUNTEC EXTERNAL	LINES 29 & 30
5	1680600	1680853	BAIE VERTE	CH.1-3 = AGC SEISMICS CH 4 = HUNTEC INTERNAL CH 5 = HUNTEC TRIGGER SYNC CH 6 = HUNTEC EXTERNAL	LINES 30 & 31
6	1680853	1681039	BAIE VERTE	CH.1-3 = AGC SEISMICS CH 4 = HUNTEC INTERNAL CH 5 = HUNTEC TRIGGER SYNC CH 6 = HUNTEC EXTERNAL	LINE 32
7	1682126	1690015	NOTRE DAME BAY	CH.1-3 = AGC SEISMICS CH 4 = HUNTEC INTERNAL CH 5 = HUNTEC TRIGGER SYNC CH 6 = HUNTEC EXTERNAL	LINE 34
8	1690016	1690310	NOTRE DAME BAY	CH.1-3 = AGC SEISMICS CH 4 = HUNTEC INTERNAL CH 5 = HUNTEC TRIGGER SYNC CH 6 = HUNTEC EXTERNAL	LINES 34 & 35
9	1690310	1690600	NOTRE DAME BAY	CH.1-3 = AGC SEISMICS CH 4 = HUNTEC INTERNAL CH 5 = HUNTEC TRIGGER SYNC CH 6 = HUNTEC EXTERNAL	LINES 35 & 36
10	1690600	1690857	NOTRE DAME BAY	CH.1-3 = AGC SEISMICS CH 4 = HUNTEC INTERNAL CH 5 = HUNTEC TRIGGER SYNC CH 6 = HUNTEC EXTERNAL	LINES 36 & 37

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
-FINS- REPORTING PACKAGE

TABLE 7

SEISMICS/SIDESCAN COMBINED ON-LINE DATA TAPES

CRUISE NUMBER = 90013
CHIEF SCIENTIST = HILLAIRE-MARCEL
PROJECT NUMBER =

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
11	1690858	1691226	NOTRE DAME BAY	CH.1-3 = AGC SEISMICS CH 4 = HUNTEC INTERNAL CH 5 = HUNTEC TRIGGER SYNC CH 6 = HUNTEC EXTERNAL	LINES 37 TO 42
12	1691226	1700151	NOTRE DAME BAY	CH.1-3 = AGC SEISMICS CH 4 = HUNTEC INTERNAL CH 5 = HUNTEC TRIGGER SYNC CH 6 = HUNTEC EXTERNAL	LINES 42 & 43
13	1700151	1700455	NOTRE DAME BAY	CH.1-3 = AGC SEISMICS CH 4 = HUNTEC INTERNAL CH 5 = HUNTEC TRIGGER SYNC CH 6 = HUNTEC EXTERNAL	LINE 43
14	1700455	1700745	NOTRE DAME BAY	CH.1-3 = AGC SEISMICS CH 4 = HUNTEC INTERNAL CH 5 = HUNTEC TRIGGER SYNC CH 6 = HUNTEC EXTERNAL	LINES 43 & 44
15	1700745	1701048	NOTRE DAME BAY AND HALLS BAY	CH.1-3 = AGC SEISMICS CH 4 = HUNTEC INTERNAL CH 5 = HUNTEC TRIGGER SYNC CH 6 = HUNTEC EXTERNAL	LINES 44 & 45
16	1701048	1701340	HALLS BAY	CH.1-3 = AGC SEISMICS CH 4 = HUNTEC INTERNAL CH 5 = HUNTEC TRIGGER SYNC CH 6 = HUNTEC EXTERNAL	LINE 45
17	1701340	1701437	HALLS BAY	CH.1-3 = AGC SEISMICS CH 4 = HUNTEC INTERNAL CH 5 = HUNTEC TRIGGER SYNC CH 6 = HUNTEC EXTERNAL	LINE 45

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
-FINS- REPORTING PACKAGE

TABLE 8

3.5 KHZ RECORDS

CRUISE NUMBER = 90013
CHIEF SCIENTIST = HILLAIRE-MARCEL
PROJECT NUMBER =

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	LINE NUMBERS	GEOGRAPHIC LOCATION	RECORDER	SYSTEM / SOUND SOURCE
13	1671400	1671630		NOTRE DAME BAY	EPC 4100	ORE HULL MOUNTED
14	1700210	1701249	45	HALLS BAY	EPC 4100	ORE HULL MOUNTED
15	1711059	1712254		STRAIT BELLE ISLE	EPC 4100	ORE HULL MOUNTED
16	1712259	1720440		STRAIT BELLE ISLE	EPC 4100	ORE HULL MOUNTED

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
-FINS- REPORTING PACKAGE

TABLE 9

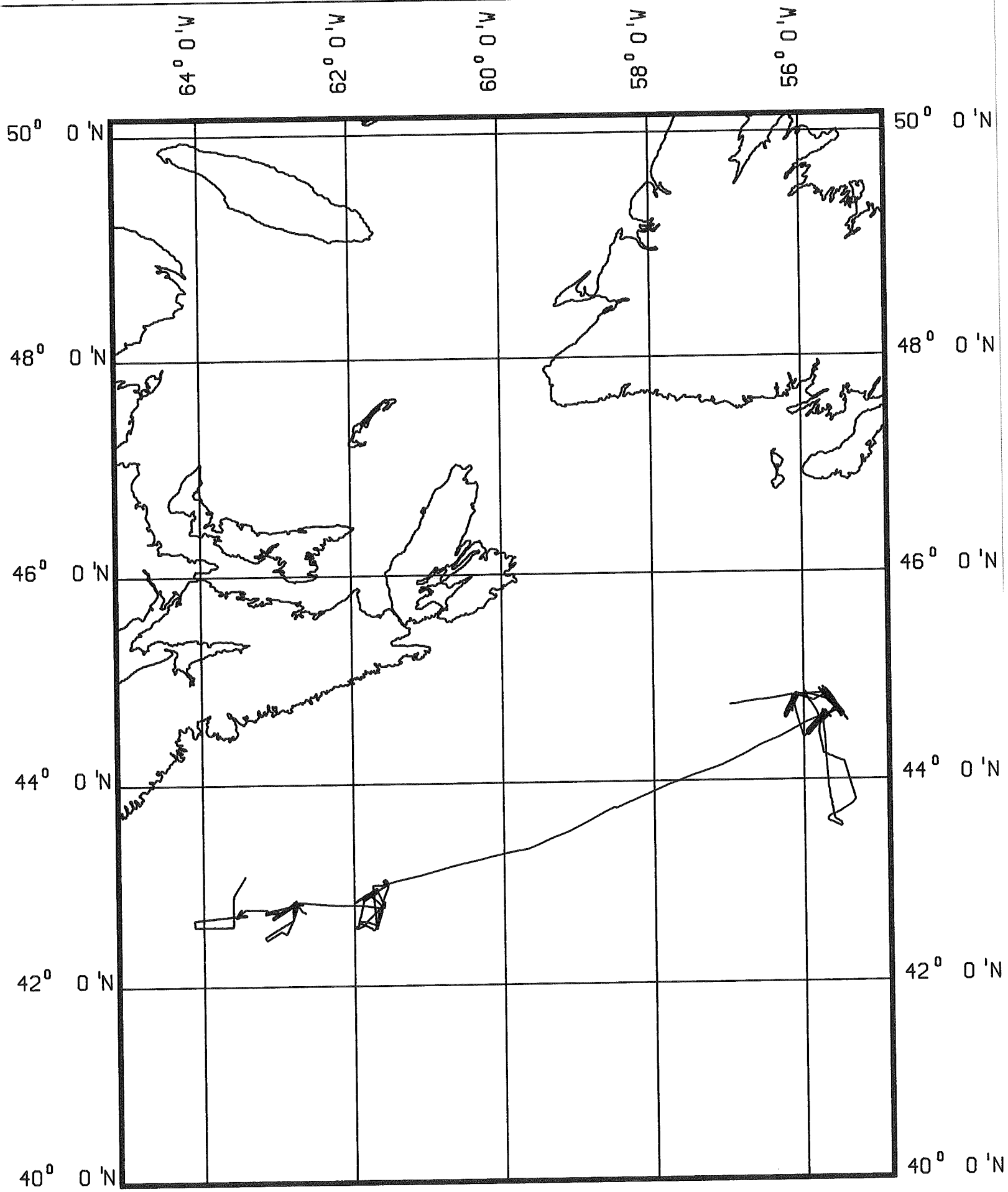
BATHYMETRY RECORDS

CRUISE NUMBER = 90013
CHIEF SCIENTIST = HILLAIRE-MARCEL
PROJECT NUMBER =

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	FREQUENCY	LINE NUMBERS	PARAMETER	GEOGRAPHIC LOCATION	RECORDER	NOTES
10	1671520	1681207	12 KHZ.	16 TO 32	HULL MOUNTED	BAIE VERTE	UGR	
11	1682120	1692028	12 KHZ.	33 TO 42	HULL MOUNTED	BAIE VERTE TO WHITE BAY	UGR	
12	1692023	1700715	12 KHZ.	43, 44	HULL MOUNTED	NOTRE DAME BAY	UGR	
13	1700735	1702135	12 KHZ.	44, 45	HULL MOUNTED	HALLS BAY	UGR	
14	1711232	1720440	12 KHZ.		HULL MOUNTED	STRAIT BELLE ISLE	UGR	

90015

CRUISE TRACKS - 90015.
1:5,000,000 (MERCATOR, 45N)



90015

DATA SECTION
-TINS- REPORTING PACKAGE

SEISMICS - GESCHN COMBINED ON-LINE DATA TAPES

CHIEF SCIENTIST = D.J.W.PIPER
PROJECT NUMBER = S10047

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
1	1930530	1930901	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	
2	1931930	1932318	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	
3	1932320	1940233	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	SAR 3.5
4	1940233	1940548	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	SAR 3.5
5	1940550	1940858	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	SAR 3.5
6	1940900	1941209	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	SAR 3.5
7	1941212	1941522	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	SAR 3.5
8	1941523	1941845	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	SAR 3.5
9	1941859	1942327	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	SAR 3.5
10	1942329	1950240	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	SAR 3.5

DATA SECTION
-FINS- REPORTING PACKAGE

SEISMICS/SIDESCAN COMBINED ON-LINE DATA TAPES

CHIEF SCIENTIST = D J W PIPER
PROJECT NUMBER = 910047

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
11	1950242	1950540	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	SAR 3.5
12	1950550	1950858	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	SAR 3.5
13	1950900	1951955	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	SAR 3.5
14	1951959	1952300	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED
15	1952308	1960216	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED
16	1960218	1960530	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED
17	1960536	1960843	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED
18	1960845	1962238	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED
39	1981637	1981814	ST. PIERRE SLOPE	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE GUN (NSRF)
40	1981814	1981945	ST. PIERRE SLOPE	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE GUN (NSRF)

DATA SECTION
-FINS- REPORTING PACKAGE

SEISMICS/SIDESCAN COMBINED ON-LINE DATA TAPES

CHIEF SCIENTIST = D.J.W.PIPER
PROJECT NUMBER = 810047

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
41	1982020	1990034	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
42	1990036	1990215	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
43	1990217	1990357	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
44	1990359	1990536	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
45	1990538	1990714	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE GUN (NSRF)
46	1990716	1990857	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE GUN (NSRF)
47	1990900	1991039	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE GUN (NSRF)
48	1991040	1991220	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 HULL MOUNTED SLEEVE GUN (NSRF)
49	1991224	1991403	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE GUN (NSRF)
50	1991405	1991544	ST. PIERRE SLOPE	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE GUN (NSRF)

DATA SECTION
-FINS- REPORTING PACKAGE

SEISMICS/SIDESCAN CONDUCTED ON LINE DATA TAPES

CHIEF SCIENTIST = D.J.W.PIPER
PROJECT NUMBER = 810047

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
51	1991546	1991722	ST. PIERRE SLOPE	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE GUN (NSRF)
52	1991730	1992000	ST. PIERRE SLOPE	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE GUN (NSRF)
53	1992003	2000053	ST. PIERRE SLOPE	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE GUN (100'SE)
54	2000057	2000241	ST. PIERRE SLOPE	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE GUN (100'SE)
55	2000241	2000418	ST. PIERRE SLOPE	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE GUN (100'SE)
56	2000420	2000600	ST. PIERRE SLOPE	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE GUN (100'SE)
57	2000602	2000740	ST. PIERRE SLOPE	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE GUN (NSRF)
58	2000747	2000930	ST. PIERRE SLOPE	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE GUN (NSRF)
59	2000933	2001109	ST. PIERRE SLOPE	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE GUN (NSRF)
60	2001111	2001333	ST. PIERRE SLOPE	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)

ATLANTIC GEOSCIENCE CENTRE
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SEISMICS/FIDESCAN COMBINED ON-LINE DATA TAPES

CHIEF SCIENTIST = D.J.W.PIPER
PROJECT NUMBER = 810047

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
V61	2001335	2001545	ST. PIERRE SLOPE	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
V62	2001545	2002041	ST. PIERRE SLOPE	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
V63	2002044	2010510	EASTERN VALLEY, LAURENTIAN FAN	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	
V64	2012045	2020244	EASTERN VALLEY, LAURENTIAN FAN	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	
V19	1962238	1970152	UPPER EASTERN VALLEY LAURENTIAN FAN	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED
V20	1970152	1970329	UPPER EASTERN VALLEY LAURENTIAN FAN	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED
V21	1970329	1970506	UPPER EASTERN VALLEY LAURENTIAN FAN	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED
V22	1970507	1970643	UPPER EASTERN VALLEY LAURENTIAN FAN	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED
V23	1970645	1970822	UPPER EASTERN VALLEY LAURENTIAN FAN	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED
V24	1970825	1971000	UPPER EASTERN VALLEY LAURENTIAN FAN	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)

SEISMICS/SIDESCAN COMBINED ON LINE DATA TAPES

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
25	1971002	1971137	UPPER EASTERN VALLEY LAURENTIAN FAN	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
26	1971139	1971450	UPPER EASTERN VALLEY LAURENTIAN FAN	CH 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
27	1971457	1971639	UPPER EASTERN VALLEY LAURENTIAN FAN	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
28	1971647	1971827	UPPER EASTERN VALLEY LAURENTIAN FAN	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
29	1971827	1972017	UPPER EASTERN VALLEY LAURENTIAN FAN	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
30	1972017	1972157	UPPER EASTERN VALLEY LAURENTIAN FAN	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
31	1972200	1972334	UPPER EASTERN VALLEY LAURENTIAN FAN	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
32	1972337	1980117	UPPER EASTERN VALLEY LAURENTIAN FAN	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
33	1980120	1980258	UPPER EASTERN VALLEY LAURENTIAN FAN	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
34	1980300	1980436	UPPER EASTERN VALLEY LAURENTIAN FAN	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)

ATLANTIC GEOSCIENCE CENTRE
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TABLE 2

SEISMICS/ELESCAN COMBINED ON LINE DATA TAPES

CRUISE NUMBER = HOVIS
CHIEF SCIENTIST = D.J.W.PIPER
PROJECT NUMBER = 810047

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
35	1980437	1980614	UPPER EASTERN VALLEY LAURENTIAN FAN	1H 1 = OR NSRF CH 2 = OR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
36	1980624	1980800	UPPER EASTERN VALLEY LAURENTIAN FAN	1H 1 = OR NSRF CH 2 = OR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
37	1980803	1980952	UPPER EASTERN VALLEY LAURENTIAN FAN	1H 1 = OR NSRF CH 2 = OR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
38	1980954	1981635	UPPER EASTERN VALLEY LAURENTIAN FAN	1H 1 = OR NSRF CH 2 = OR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE GUN (NSRF)
65	2020247	2020705	EASTERN VALLEY, LAURENTIAN FAN	1H 1 = OR NSRF CH 2 = OR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE (NSRF)
66	2020706	2021709	EASTERN VALLEY, LAURENTIAN FAN	1H 1 = OR NSRF CH 2 = OR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE (NSRF)
67	2040035	2041737	VERRILL CANYON	1H 1 = OR NSRF CH 2 = OR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	SLEEVE GUN NSRF/100' SE
68	2041740	2050004	VERRILL CANYON	1H 1 = OR NSRF CH 2 = OR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	SLEEVE GUN NSRF/100' SE
69	2050006	2050341	VERRILL CANYON	1H 1 = OR NSRF CH 2 = OR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE (NSRF)
70	2050349	2050525	VERRILL CANYON	1H 1 = OR NSRF CH 2 = OR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE (NSRF)

SEISMICS/SIDISCAN COMBINED ON-LINE DATA TAPES

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
71	2050527	2050701	VERRILL CANYON	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE (NSRF)
72	2050705	2050918	VERRILL CANYON	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE (NSRF)
73	2050920	2051100	VERRILL CANYON	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE (NSRF)
74	2051105	2051412	VERRILL CANYON	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE (NSRF)
75	2052038	2052215	VERRILL CANYON	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE (NSRF)
76	2052216	2052356	VERRILL CANYON	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE (NSRF)
77	2060000	2060136	VERRILL CANYON	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE (NSRF)
78	2060136	2060302	VERRILL CANYON	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE (NSRF)
79	2060313	2060541	VERRILL CANYON	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE (NSRF)
80	2060542	2060957	VERRILL CANYON	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE (NSRF)

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PAGE 1

CRUISE NUMBER = 90015
CHIEF SCIENTIST = D.J.W.PIPER
PROJECT NUMBER = 810047

SEISMICS SIDESCAN COMBINED ON-LINE DATA TAPES

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
81	2060958	2061500	VERRILL CANYON	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
83	2061758	2061934	VERRILL CANYON	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
82	2061503	2061757	VERRILL CANYON	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	CORE STATION #15
84	2061936	2062324	VERRILL CANYON	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
85	2062330	2070106	VERRILL CANYON	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED SLEEVE (NSRF)
86	2070108	2070246	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN AIRGUN (NSRF)
87	2070247	2070422	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
88	2070423	2070601	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.6 ORE HULL MOUNTED AIRGUN (NSRF)
89	2070601	2070800	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
90	2070802	2070938	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)

ATLANTIC GEOSCIENCE CENTRE
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TABLE 2

CRUISE NUMBER = 50015
CHIEF SCIENTIST = D.J.W.PIPER
PROJECT NUMBER = 810047

SEISMICS/SIDESCAN COMBINED ON-LINE DATA TAPES

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
91	2070940	2071100	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
92	2071729	2080040	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
93	2080049	2080230	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
94	2080245	2080415	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
95	2080416	2080557	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
96	2080558	2080735	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
97	2080735	2080930	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
98	2080932	2081106	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
99	2081105	2081241	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
100	2081243	2081418	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)

ATLANTIC GEOSCIENCE CENTRE
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CRUISE NUMBER = 90015
CHIEF SCIENTIST = D.J.W.PIPER
PROJECT NUMBER = 810047

SEISMICS GEOSCAN COMBINED ON-LINE DATA LOGS

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
101	2081419	2081557	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
102	2081558	2081734	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
103	2081734	2081909	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
104	2082205	2090430	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
105	2090433	2091104	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (100' SE)
106	2091106	2100203	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
107	2100203	2100837	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (100' SE)
108	2100840	2101537	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	AIRGUN NSRF/100' SE
109	2101537	2102208	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
110	2102210	2110432	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	AIRGUN NSRF/100' SE

ATLANTIC GEOSCIENCE CENTRE
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TABLE 2

SEISMICS/SIDESCAN COMBINED ON-LINE DATA TAPES

CRUISE NUMBER = 90015
CHIEF SCIENTIST = D.J.W.PIPER
PROJECT NUMBER = 810047

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
111	2110433	2111051	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	AIRGUN NSRF/100' SE
112	2111053	2111731	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	AIRGUN NSRF/100'SE
113	2111835	211????	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
114	2112246	2120504	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)
115	2120506	2121101	ALBATROSS AREA	1H 1 = DR NSRF CH 2 = DR 3.5 ORE HULL MOUNTED CH 3 = FM 3.5 TRIGGER CH 4 = FM GUN TRIGGER	3.5 ORE HULL MOUNTED AIRGUN (NSRF)

ATLANTIC GEOSCIENCE CENTRE
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SEISMIC RECORDS

CRUISE NUMBER = 90015
CHIEF SCIENTIST = D.J.W.PIPER
PROJECT NUMBER = 810047

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	SYSTEM / SOUND SOURCE
1	1930434	1930900	S.E. 100'	1	SINGLE	ST. PIERRE SLOPE	LSR 1811	AGC SEISMICS AIRGUN 40 CU I
2	1930434	1930900	NSRF	1	SINGLE	ST. PIERRE SLOPE	LSR 1811	AGC SEISMICS AIRGUN 40 CU I
3	1970910	1971930	NSRF	90-67,90-68	SINGLE	UPPER EASTERN VALLEY LAURENTIAN FAN	LSR 1811	AGC SEISMICS AIRGUN 40 CU I
4	1972000	1981100	NSRF	90-68,90-69	SINGLE	UPPER EASTERN VALLEY LAURENTIAN FAN	LSR 1811	AGC SEISMICS AIRGUN 40 CU I
5	1972000	1981100	100' SE	90-68,90-69	SINGLE	UPPER EASTERN VALLEY LAURENTIAN FAN	LSR 1811	AGC SEISMICS SLEEVE GUN 40 C
6	1982330	2001130	100' SE	90-69	SINGLE	ST. PIERRE SLOPE	LSR 1811	AGC SEISMICS SLEEVE GUN 40 C
7	1982330	2001130	NSRF	90-70 TO 90-75	SINGLE	ST. PIERRE SLOPE	LSR 1811	AGC SEISMICS AIRGUN 40 CU I
8	2010135	2011900	NSRF	90-76 ,90-77	SINGLE	EASTERN VALLEY LAURENTIAN FAN	LSR 1811	AGC SEISMICS SLEEVE GUN 40 C
9	2010135	2010500	100' SE	90-76	SINGLE	EASTERN VALLEY LAURENTIAN FAN	LSR 1811	AGC SEISMICS SLEEVE GUN 40 C
10	2012108	2020730	NSRF		SINGLE	EASTERN VALLEY LAURENTIAN FAN	LSR 1811	AGC SEISMICS SLEEVE GUN 40 C
11	2012108	2020730	100' SE		SINGLE	EASTERN VALLEY LAURENTIAN FAN	LSR 1811	AGC SEISMICS SLEEVE GUN 40 C
12	2040335	2040845	NSRF		SINGLE	VERRILL CANYON	EPC 4100	AGC SEISMICS SLEEVE GUN 40 C
13	2040335	2040845	100' SE		SINGLE	VERRILL CANYON	EPC 4100	AGC SEISMICS SLEEVE GUN 40 C
14	2041630	206 1000 ~~2061100~~	NSRF	90-77 TO 90-80	SINGLE	VERRILL CANYON	EPC 4100	AGC SEISMICS SLEEVE GUN 40 C
15	2041630	2051100	100' SE	90-80	SINGLE	VERRILL CANYON	EPC 4100	AGC SEISMICS SLEEVE GUN 40 C
16	2052100	2061000	100' SE	90-80 TO 90-83	SINGLE	VERRILL CANYON	EPC 4100	AGC SEISMICS SLEEVE GUN 40 C
17	2052100	2061000	NSRF	90-80 TO 90-83	SINGLE	VERRILL CANYON	EPC 4100	AGC SEISMICS SLEEVE GUN 40 C

ATLANTIC GEOSCIENCE CENTRE
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TABLE 3

SEISMIC RECORDS

CRUISE NUMBER = 90015
CHIEF SCIENTIST = D.J.W.PIPER
PROJECT NUMBER = 810047

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	SYSTEM / SOUND SOURCE
18	2062315	2071100	NSRF	90-84	SINGLE	ALBATROSS AREA	EPC 4100	AGC SEISMICS SLEEVE GUN 40 C
19	2062315	2071100	100' SE	90-84, 90-85	SINGLE	ALBATROSS AREA	EPC 4100	AGC SEISMICS AIRGUN 40 CU I
20	2080030	2081900	100' SE	90-86 TO 90-89	SINGLE	ALBATROSS AREA	LSR 1811	AGC SEISMICS SLEEVE GUN 40 C
21	2080030	2081900	NSRF	90-86 TO 90-89	SINGLE	ALBATROSS AREA	LSR 1811	AGC SEISMICS SLEEVE GUN 40 C
22	2082155	2091205	NSRF		SINGLE	ALBATROSS AREA	LSR 1811	AGC SEISMICS SLEEVE GUN 40 C
23	2082205	2091200	100' SE		SINGLE	ALBATROSS AREA	LSR 1811	AGC SEISMICS SLEEVE GUN 40 C
24	2092200	2101300	100' SE	90-90,90-91	SINGLE	ALBATROSS AREA	LSR 1811	AGC SEISMICS SLEEVE GUN 40 C
25	2092200	2101300	NSRF	90-90,90-91	SINGLE	ALBATROSS AREA	LSR 1811	AGC SEISMICS SLEEVE GUN 40 C
25A	2102010	2102145	100' SE	90-92				
26	2101950	2111732	100' SE	90-92 TO 90-95	SINGLE	ALBATROSS AREA	LSR 1811	AGC SEISMICS SLEEVE GUN 40 C
27	2102000	2111732	NSRF	90-92 TO 90-95	SINGLE	ALBATROSS AREA	LSR 1811	AGC SEISMICS SLEEVE GUN 40 C
28	2112245	2121045	100' SE		SINGLE	ALBATROSS AREA	LSR 1811	AGC SEISMICS SLEEVE GUN 40 C
29	2112245	2121050	NSRF		SINGLE	ALBATROSS AREA	LSR 1811	AGC SEISMICS SLEEVE GUN 40 C

+ 4 envelopes. OCEANO computer printouts, plots

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
-TINS- REPORTING PACKAGE

PAGE 1

3.5 KHZ RECORDS

CRUISE NUMBER = 90015
CHIEF SCIENTIST = D.J.W.PIPER
PROJECT NUMBER = 810047

R724

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	LINE NUMBERS	GEOGRAPHIC LOCATION	RECORDER	SYSTEM / SOUND SOURCE
1	1930424	1931045	1	ST. PIERRE SLOPE	EPC 4100	ORE HULL MOUNTED
2	1931915	1942005	90-51 TO 90-57	ST. PIERRE SLOPE	EPC 4100	ORE HULL MOUNTED
3	1942120	1951000	90-58 TO 90-60	ST. PIERRE SLOPE	EPC 4100	IFEMER SAR
4	1951135	1960037	90-62	ST. PIERRE SLOPE	EPC 4100	ORE HULL MOUNTED
5	1960040	1961415	90-62 TO 90-65	ST. PIERRE SLOPE	EPC 4100	ORE HULL MOUNTED
6	1961820	1970455	90-66	UPPER EASTERN VALLEY	EPC 4100	ORE HULL MOUNTED
7	1970515	1981525	90-67 TO 90-70	UPPER EASTERN VALLEY	EPC 4100	ORE HULL MOUNTED
8	1981545	1990550	90-71	UPPER EASTERN VALLEY	EPC 4100	ORE HULL MOUNTED
9	1990600	1991535	90-71, 90-72	UPPER EASTERN VALLEY	EPC 4100	ORE HULL MOUNTED
10	1991545	1992135	90-72, 90-73	ST. PIERRE SLOPE	EPC 4100	ORE HULL MOUNTED
11	1992155	2000335	90-73	ST. PIERRE SLOPE	EPC 4100	ORE HULL MOUNTED
12	2000345	2002120	90-74, 90-75	ST. PIERRE SLOPE	EPC 4100	ORE HULL MOUNTED
13	2002125	2011645	90-76	ST. PIERRE SLOPE	EPC 4100	ORE HULL MOUNTED
14	2011654	2021835		ST. PIERRE SLOPE	EPC 4100	ORE HULL MOUNTED
15	2022115	2030500		EAST SCOTIAN SLOPE	EPC 4100	ORE HULL MOUNTED
16	2021845	2030535		EAST SCOTIAN SLOPE	EPC 4100	ORE HULL MOUNTED
17	2030550	2042000	90-98	VERRILL CANYON	EPC 4100	ORE HULL MOUNTED
18	2042005	2050710	90-78, 90-79	VERRILL CANYON	EPC 4100	ORE HULL MOUNTED
19	2050755	2070605	90-80 TO 90-84	VERRILL CANYON	EPC 4100	ORE HULL MOUNTED
20	2070610	2081610	90-85 TO 90-88	VERRILL CANYON	EPC 4100	ORE HULL MOUNTED
21	2081615	2091215	90-88 TO 90-90	VERRILL CANYON	EPC 4100	ORE HULL MOUNTED
22	2091220	2091800		VERRILL CANYON	EPC 4100	ORE HULL MOUNTED
23	2091805	2101815	90-90, 90-91	VERRILL CANYON	EPC 4100	ORE HULL MOUNTED
24	2101820	2120705	90-92 TO 90-95	VERRILL CANYON	EPC 4100	ORE HULL MOUNTED
25	2120710	2121230		VERRILL CANYON	EPC 4100	ORE HULL MOUNTED

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
-FINS- REPORTING PACKAGE

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BATHYMETRY RECORDS

CRUISE NUMBER = 90015
CHIEF SCIENTIST = D.J.W.PIPER
PROJECT NUMBER = 810047

11/23

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	FREQUENCY	LINE NUMBERS	PARAMETER	GEOGRAPHIC LOCATION	RECORDER	NOTES
1	1922251	1932400	12 KHZ	1.90-51.90-52	HULL MOUNTED	ST. PIERRE SLOPE	LSR 1811	
2	1940000	1942400	12 KHZ	90-53 TO 90-58	HULL MOUNTED	ST. PIERRE SLOPE	LSR 1811	
3	1950000	1951000	12 KHZ	90-59,90-60	HULL MOUNTED	ST. PIERRE SLOPE	LSR 1811	
4	1951010	1952055	12 KHZ	90-61,90-62	HULL MOUNTED	ST. PIERRE SLOPE	LSR 1811	
5	1952110	1962400	12 KHZ	90-62 TO 90-66	HULL MOUNTED	ST. PIERRE SLOPE	LSR 1811	
6	1970000	1981115	12 KHZ	90-66 TO 90-69	HULL MOUNTED	UPPER EASTERN VALLEY	LSR 1811	
7	1981125	1992400	12 KHZ	90-70 TO 90-73	HULL MOUNTED	UPPER EASTERN VALLEY	LSR 1811	
8	2000000	2001705	12 KHZ	90-74, 90-75	HULL MOUNTED	ST. PIERRE SLOPE	LSR 1811	
9	2001905	2002400	12 KHZ		HULL MOUNTED	ST. PIERRE SLOPE	LSR 1811	
10	2010000	2022400	12 KHZ		HULL MOUNTED	EASTERN VALLEY, LAURENTIAN FAN	LSR 1811	
11	2030000	2032400	12 KHZ		HULL MOUNTED	EAST SCOTIAN SLOPE	LSR 1811	
12	2040000	2042240	12 KHZ	90-78	HULL MOUNTED	VERRILL CANYON	LSR 1811	
13	2042250	2052400	12 KHZ	90-78 TO 90-80	HULL MOUNTED	VERRILL CANYON	LSR 1811	
14	2060000	2062400	12 KHZ	90-82 TO 90-84	HULL MOUNTED	VERRILL CANYON	LSR 1811	
15	2070000	2072400	12 KHZ	90-85, 90-85	HULL MOUNTED	ALBATROSS AREA	LSR 1811	
16	2080000	2082025	12 KHZ	90-86 TO 90-89	HULL MOUNTED	ALBATROSS AREA	LSR 1811	
17	2082035	2091000	12 KHZ		HULL MOUNTED	ALBATROSS AREA	LSR 1811	
18	2091000	2102400	12 KHZ	90-90 TO 90-92	HULL MOUNTED	ALBATROSS AREA	LSR 1811	
19	2110000	2121125	12 KHZ	90-93 TO 90-95	HULL MOUNTED	ALBATROSS AREA	LSR 1811	

BEDFORD GEOSCIENCE CENTRE
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SIDESCAN RECORDS

CRUISE NUMBER = 90013
CHIEF SCIENTIST = G.J.W PIPER
PROJECT NUMBER = 819047

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	SIDESCAN SYSTEM
8	1930309	1940952	90-53	SINGLE	ST. PIERRE SLOPE	B&H 628	IFEMER SAR
1	1931324	1931558	90-51	SINGLE	ST. PIERRE SLOPE	B&H 928	IFEMER SAR
2	1931835	1940130	90-52	SINGLE	EASTERN VALLEY LAURENTIAN FAN	B&H 628	IFEMER SAR
4	1941048	1941408	90-62 TO 90-56	SINGLE	ST. PIERRE SLOPE	B&H 628	IFEMER SAR
5	1941633	1941950	90-57	SINGLE	ST. PIERRE SLOPE	B&H 628	IFEMER SAR
6	1942154	1950341	90-58 TO 90-59	SINGLE	ST. PIERRE SLOPE	B&H 628	IFEMER SAR
7	1950449	1951008	90-60 ,90-61	SINGLE	ST. PIERRE SLOPE	EPC 4100	IFEMER SAR
8	1952146	1960526	90-62	SINGLE	ST. PIERRE SLOPE	B&H 628	IFEMER SAR
9	1960530	1961030		SINGLE	ST. PIERRE SLOPE	B&H 628	IFEMER SAR
10	1962200	1970720		SINGLE	ST. PIERRE SLOPE	B&H 628	IFEMER SAR
11	1970827	1971545	90-67	SINGLE	ST. PIERRE SLOPE	B&H 628	IFEMER SAR
12	1971615	1972201	90-68	SINGLE	ST. PIERRE SLOPE	B&H 628	IFEMER SAR
13	1972346	1980635	90-69	SINGLE	ST. PIERRE SLOPE	B&H 628	IFEMER SAR
14	1980727	1981016	90-70	SINGLE	ST. PIERRE SLOPE	B&H 628	IFEMER SAR
15	1990020	1990850	90-71	SINGLE	ST. PIERRE SLOPE	B&H 628	IFEMER SAR
16	1991008	1991625	90-72	SINGLE	ST. PIERRE SLOPE	B&H 628	IFEMER SAR
17	1991923	2000549	90-73 ,90-74	SINGLE	ST. PIERRE SLOPE	B&H 628	IFEMER SAR
18	2000715	2001027	90-75	SINGLE	ST. PIERRE SLOPE	B&H 628	IFEMER SAR
19	2010300	2010941	90-76	SINGLE	EASTERN VALLEY, LAURENTIAN FAN	B&H 628	IFEMER SAR
20	2011235	2011636	90-77	SINGLE	EASTERN VALLEY, LAURENTIAN FAN	B&H 628	IFEMER SAR
21	2041533	2042400	90-78	SINGLE	VERRILL CANYON	B&H 628	IFEMER SAR
22	2050000	2050657	90-79	SINGLE	VERRILL CANYON	B&H 628	IFEMER SAR
23	2050850	2051040	90-80	SINGLE	VERRILL CANYON	B&H 628	IFEMER SAR
24	2052040	2052357	90-81	SINGLE	VERRILL CANYON	B&H 628	IFEMER SAR

ATLANTIC GEOSCIENCE CENTRE
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SIDESCAN RECORDS

CRUISE NUMBER = 90015
CHIEF SCIENTIST = D.J.W.PIPER
PROJECT NUMBER = 810047

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	SIDESCAN SYSTEM
25	2060100	2060343	90-82	SINGLE	ALBATROSS AREA	B&H 628	IFEMER SAR
26	2060440	2061032	90-83	SINGLE	ALBATROSS AREA	B&H 628	IFEMER SAR
27	2062326	2070633	90-84	SINGLE	ALBATROSS AREA	B&H 628	IFEMER SAR
28	2070725	2071000	90-85	SINGLE	ALBATROSS AREA	B&H 628	IFEMER SAR
29	2080015	2080450	90-86	SINGLE	ALBATROSS AREA	B&H 628	IFEMER SAR
30	2080452	2081254	90-87	SINGLE	ALBATROSS AREA	B&H 628	IFEMER SAR
31	2081437	2081905	90-88,90-89	SINGLE	ALBATROSS AREA	B&H 628	IFEMER SAR
32	2092117	2100535	90-90	SINGLE	ALBATROSS AREA	B&H 628	IFEMER SAR
33	2100657	2101335	90-91	SINGLE	ALBATROSS AREA	B&H 628	IFEMER SAR
34	2101935	2110042	90-92	SINGLE	ALBATROSS AREA	B&H 628	IFEMER SAR
35	2110105	2111105	90-93	SINGLE	ALBATROSS AREA	B&H 628	IFEMER SAR
36	2111105	2111435	90-94	SINGLE	ALBATROSS AREA	B&H 628	IFEMER SAR
37	2111522	2111728	90-95	SINGLE	ALBATROSS AREA	B&H 628	IFEMER SAR

90019

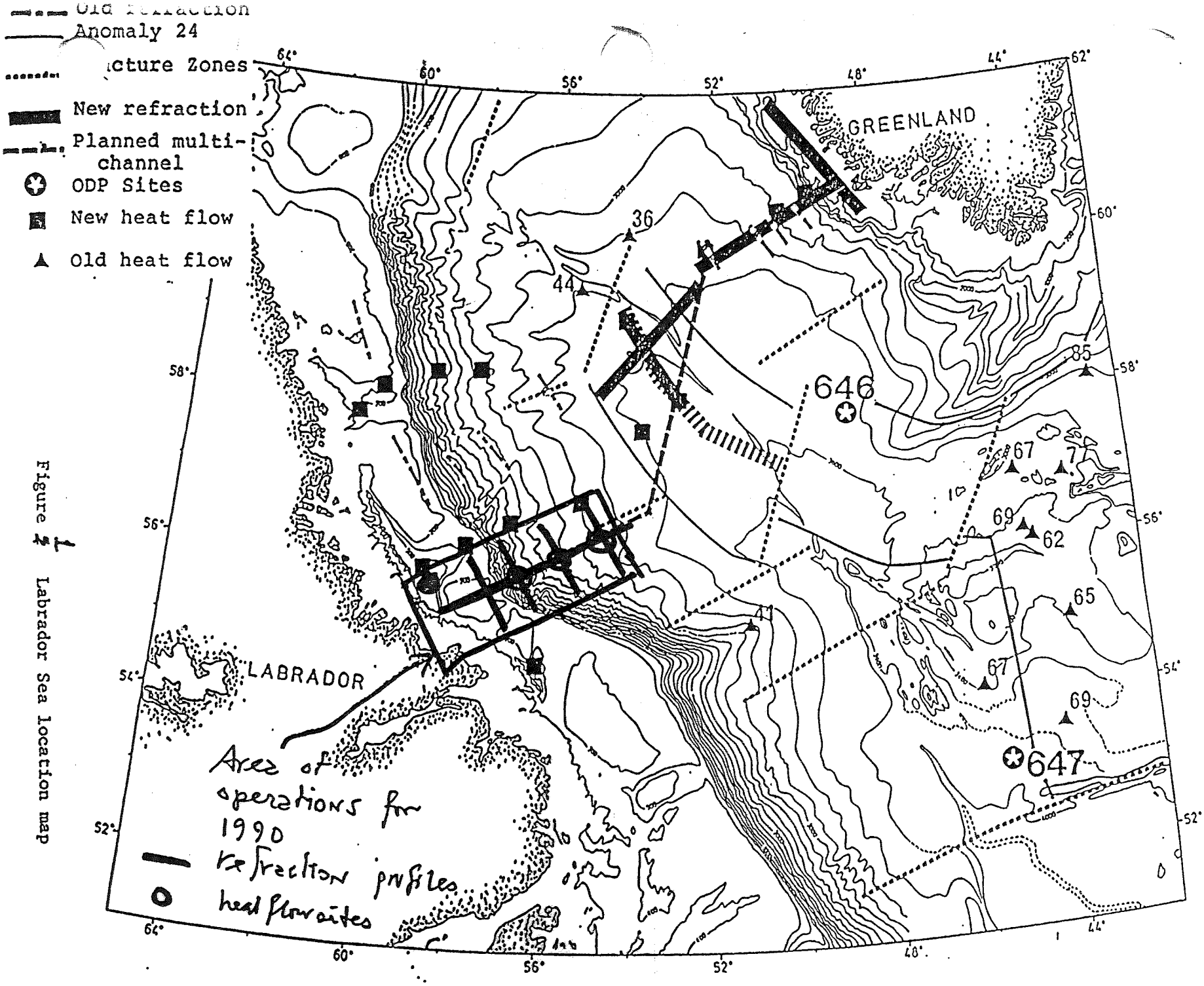


Figure 1/4 Labrador Sea location map

90019

Department of Fisheries and Oceans (Scotia Fundy Region)
Marine Services Division
Bedford Institute of Oceanography
Dartmouth, Nova Scotia

CRUISE SUMMARY AND SCIENTIFIC CRUISE REPORT TITLE PAGE

Cruise no. 90-019 Ship HUDSON

Dates 90/08/10 - 90/08/29

Cruise Title (if any)

Sponsoring agency/group(s) Atlantic Geoscience Centre

Project name/no.: Labrador Sea seismic refraction study

Staff

Master: Capt. J. Lewis

Senior scientist(s): I. Reid

Scientific project leader(s): I. Reid (AGC)
K. Louden (Dalhousie U.)

Area(s) of operation (Geographical location and coordinates)

Mid-Labrador continental slope and margin.

55°N - 57°N, 55°W - 60°W

Summary of Purpose

Geophysical investigation of Labrador continental margin by:

1) Deep crustal structure study using seismic refraction
2) Heat flow measurements.

Type of data collected

Seismic refraction data (bottom seismograph
Single-channel seismic reflection
12 KHz and 3.5 KHz bathymetry
Sedimentary thermal gradient and conductivity

(rev. 02/88)

Research Project Allocation

Seismic refraction (AGC) — 10½ days
Heat flow (Dalhousie) — 3½ days

Changes from Scientific Staff List shown on Form "B"

Add. K. Wagner (AGC)

Itinerary Accomplished (Including actual track chart)

B.I.O — 90/08/10
Arrive survey area — 90/08/13
Depart survey area — 90/08/27
Lewisporte, Nfld — 90/08/29

[Full track chart to be included with detailed cruise report (in preparation)]

Scientific or Survey Accomplishments
(with brief statements explaining failures to achieve objectives)

All objectives were achieved on schedule.
Good refraction data were obtained on 20 bottom seismographs — no failures.
Heat flow had some initial difficulties — successfully overcome.
Three detailed refraction lines along and across the margin should significantly improve our knowledge of the deep crustal structure.

Problems Encountered - Suggested Improvements, etc.

No significant problems with ship or ship's equipment.

1

Hudson 90-019
R733

DATA RECORD SUMMARY

Rec. #

Airgun 25' SE EEL

1	LINE 1	226/1654	–	228/2100
2.	LINE 2	233/1500	–	234/0800
3.	LINE 3	235/1700	–	237/1101

Airgun 100' EEL

4.	LINE 1	226/1654	–	228/2100
5.	LINE 2	233/1500	–	234/0800
6.	LINE 3	235/1700	–	237/1200

3.5 kHz

1	LINE 1	226/2045	–	228/2200
2	—	229/2230	–	230/0930
3.	—	231/0540	–	233/0630
4.	—	—	–	235/1120
5.	—	235/1640	–	237/0900
6.	LINE 3	237/0500	–	237/1200
7.	LINE 3	238/1320	–	239/1345

12 kHz Bathymetry

1.	LINE 1	225/1115	–	229/0125
2.	—	229/1100	–	230/1850
3.	LINES 2+3	233/0900	–	238/0530

HUDSON 90-019
Shelves

Seismic Tapes

	start	end
#1	226/1654	226/2334
#2	226/2337	227/0554
#3	227/0555	227/1215
#4	227/1216	227/1736
#5	227/2030	228/0248
#6	228/0250	228/0912
#7	228/0914	228/1540
#8	228/1542	228/2132
#9	233/1448	233/2107
#10	233/2110	234/0330
#11	234/0331	234/0952
#12	235/1642	235/2304
#13	235/2306	236/0525
#14	236/0525	236/1150
#15	236/1154	236/1804
#16	236/1806	237/0030
#17	237/0033	237/0656
#18	237/0658	237/1211

Navigation Tapes

Shelf→	1	9 track tape	BIONAV raw data
R733	2	TK 50	unprocessed BIONAV data logged by HYDRO
	3	TK 50	DATA9019.DAT (master file)
	4	TK50	DIRDUMP (label = HN9019)

R734 BIONAV - Days 222-246

LOG BOOKS

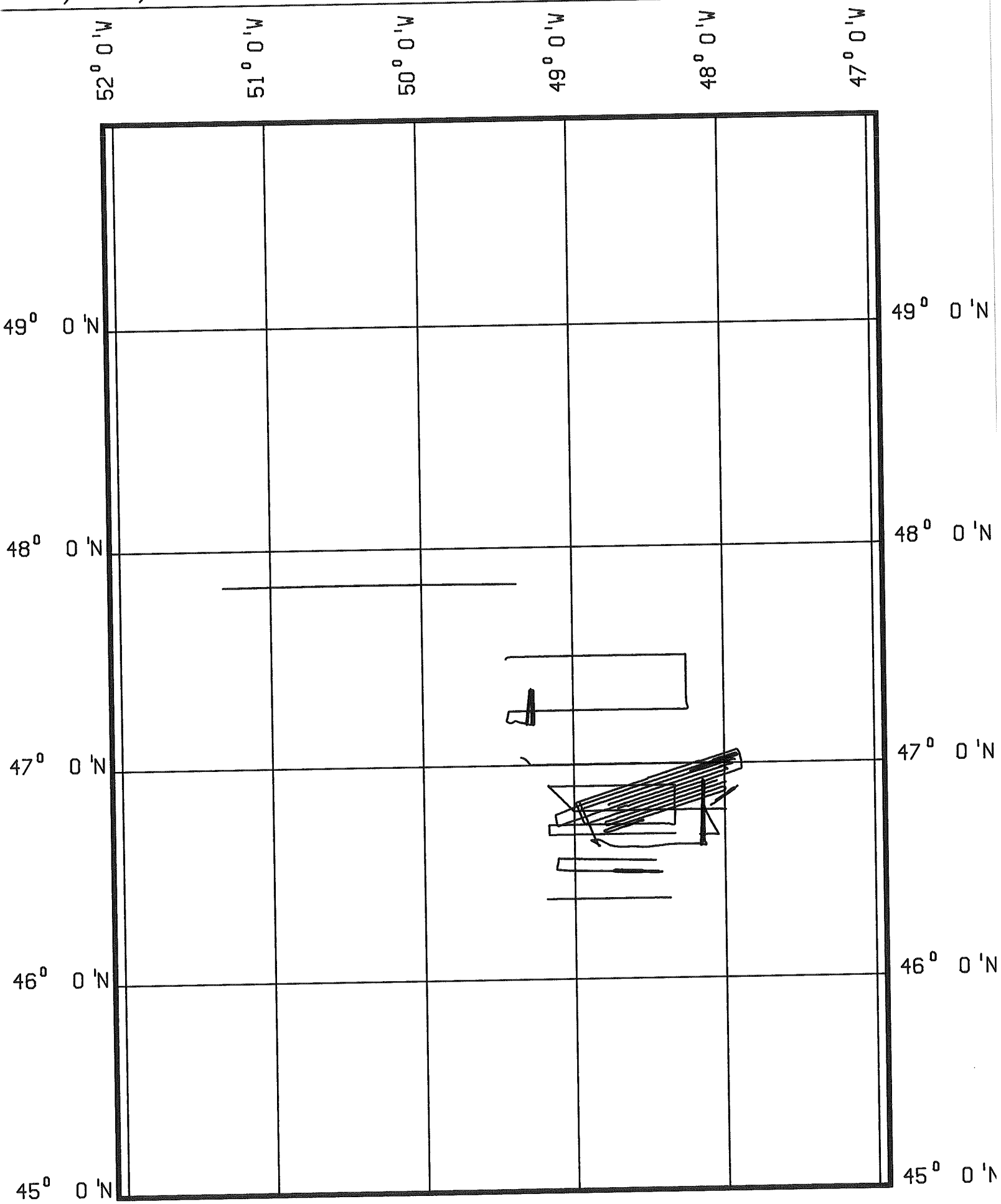
Log Shelving

1. General Log (Days 225 - 239)
2. Bathymetry Log (Days 225 - 237)
3. Bridge Log (Days 225 - 239)

~~Tail~~ print outs of Backups on TK50's → R733

90021

CRUISE TRACKS - 90021.
1:2,275,000 (MERCATOR, 50N)



90021

TABLE 1

LINE NUMBER START/STOPS

LINE NUMBER	START DAY/TIME	STOP DAY/TIME
4010R	237/0110	237/0530
4001R	237/0550	237/0700
4001RA	237/0720	237/0843
4001RB	237/0858	237/2000
4004R	237/2015	238/0646
4005R	238/1130	238/1841
4021R	238/2018	239/0614
4006R	239/0614	239/1330
4007R	239/1455	239/2130
4008R	239/2205	240/0411
4009R	240/0517	240/1130
BOWERS PIT	240/1131	240/1512
4003R	241/0100	241/0818
4002R	241/0820	241/1744
5	241/1924	241/2157
6	241/2159	241/2338
6.55	241/2340	241/2356
6.6	241/2357	242/0015
6.7	242/0016	242/0030
6.8	242/0031	242/0047
6.9	242/0048	242/0104
6.10	242/0105	242/0121
6.11	242/0122	242/0137
6.12	242/0138	242/0154
6.13	242/0155	242/0209
6.14	242/0210	242/0226
6.15	242/0227	242/0243
6.16	242/0244	242/0302
6.17	242/0303	242/0316
6.18	242/0317	242/0347
7	242/0348	242/0658
9	242/0659	242/1009
8	242/1019	242/1134
10	242/1240	242/1340
11	242/2118	243/0030
12	243/0030	243/0412
13	243/0440	243/0800
14	243/0815	243/1130
15	243/1142	243/1244
16	243/1247	243/1358
17	243/1400	243/1423
18	243/1543	243/1700
19	243/2040	243/2200
20	243/2201	243/2316
21	244/0210	244/0430

TABLE 1

LINE NUMBER START/STOPS

LINE NUMBER	START DAY/TIME	STOP DAY/TIME
22	244/0452	244/0738
23	244/0740	244/0946
24	244/0947	244/1120
21A	244/1130	244/1236
21B	244/1237	244/1253
21C	244/1753	244/1800
25	244/1900	244/2220
26	244/2221	244/2254
27	244/2253	245/0400
30	246/1900	247/1124
31	247/1416	247/1611
34	247/1629	247/1803
33	247/1832	247/2030
32	247/2031	247/2156
35	247/2209	247/2340
G234	248/0000	248/0108
36	248/0144	248/1112
37	248/1116	248/1415
38	248/1417	248/2311
39	249/0155	249/1258
40	249/2009	250/0445
41	250/0446	250/0643
42	250/0652	250/2100
43	250/2113	250/2312
44	250/2320	251/0603
45	251/0606	251/0640
46	251/0643	251/1323
47	251/1526	251/2154

TABLE 2

LINE NUMBER PARAMETER OCCURANCE

LINE	ORE SIDESCAN	HUNTEC SIDESCAN	KLEIN SIDESCAN	AIRGUN SEISMICS	HUNTEC	12 KHZ
4010R	X	X		X	X	X
4001R	X	X		X	X	X
4001RA	X	X		X	X	X
4001RB	X	X		X	X	X
4004R	X	X		X	X	X
4005R	X	X		X	X	X
4021R	X	X		X	X	X
4006R	X	X		X	X	X
4007R	X	X		X	X	X
4008R	X	X		X	X	X
4009R	X	X		X	X	X
BOWERS PIT	X	X	X	X	X	X
4003R	X	X		X	X	X
4002R	X	X		X	X	X
5	X	X		X	X	X
6	X	X		X	X	X
6.55	X	X		X	X	X
6.6	X	X		X	X	X
6.7	X	X		X	X	X
6.8	X	X		X	X	X
6.9	X	X		X	X	X
6.10	X	X		X	X	X
6.11	X	X		X	X	X
6.12	X	X		X	X	X
6.13	X	X		X	X	X
6.14	X	X		X	X	X
6.15	X	X		X	X	X
6.16	X	X		X	X	X
6.17	X	X		X	X	X
6.18	X	X		X	X	X
7	X	X		X	X	X
9	X	X		X	X	X
8	X	X		X	X	X
10	X	X		X	X	X
11	X	X		X	X	X
12	X	X		X	X	X
13	X	X		X	X	X
14	X	X		X	X	X
15	X	X		X	X	X
16	X	X		X	X	X
17	X	X		X	X	X
18	X		X		X	X
19			X		X	X
20			X		X	X
21			X	X	X	X

TABLE 2

LINE NUMBER PARAMETER OCCURANCE

LINE	ORE SIDESCAN	HUNTEC SIDESCAN	KLEIN SIDESCAN	AIRGUN SEISMICS	HUNTEC	12 KHZ
22			X	X	X	X
23			X	X	X	X
24			X	X	X	X
21A			X	X	X	X
21B						X
21C			X	X	X	X
25			X	X	X	X
26			X	X	X	X
27	X	X		X	X	X
30	X	X		X	X	X
31			X	X		X
34			X	X		X
33			X	X		X
32			X	X		X
35			X	X	X	X
G234	X	X		X	X	X
36	X	X		X	X	X
37	X	X		X	X	X
38	X	X		X	X	X
39	X	X		X	X	X
40	X	X		X	X	X
41	X	X		X	X	X
42	X	X		X	X	X
43	X	X		X	X	X
44	X	X		X	X	X
45	X	X		X	X	X
46	X	X		X	X	X
47	X	X		X	X	X

TABLE 3

PARAMETER START/STOP TIMES

12 KHZ BATHYMETRY

237/0109	238/0636
238/1130	239/1330
239/1455	240/1512
240/2015	240/2131
241/0100	241/1724
241/1924	242/1340
242/2128	243/1423
243/1543	243/1707
243/2030	243/2317
244/0210	244/1253
244/1753	245/0400
246/1906	247/1124
247/1416	248/2325
249/0155	249/1310
249/2009	250/1113
250/1830	251/1320
251/1526	251/2154

AIRGUN SEISMICS

237/0110	237/1001
237/1016	238/0636
238/1130	239/1330
239/1455	240/0120
240/0141	240/0154
240/0211	240/0316
240/0328	240/1400
241/0100	241/1744
241/1924	242/1340
242/2118	243/1423
244/0210	244/1215
244/1753	245/0400
246/1900	247/1124
247/1531	248/2325
249/0155	249/1310
249/2009	250/1113
250/1830	251/1320
251/1526	251/2154

TABLE 3

PARAMETER START/STOP TIMES

HUNTEC (DTS)	
237/0110	237/1738
237/1930	238/0636
238/1130	239/1330
239/1455	240/1510
241/0100	241/1744
241/1924	242/1340
242/2118	243/1423
243/1543	243/1700
243/2030	243/2316
244/0210	244/1215
244/1753	245/0400
246/1900	246/2200
247/0130	247/0245
247/2330	248/2313
249/0200	249/1310
249/2009	250/1113
250/1830	251/1320
251/1526	251/2154

50 KHX KLEIN SS (HUNTEC)	
237/0110	237/1738
237/1930	238/0636
238/1130	239/1330
239/1455	240/1510
241/0100	241/1744
241/1924	242/1340
242/2118	243/1423
244/2300	245/0400
246/1906	247/0245
247/2340	248/2313
249/0155	249/1310
249/2009	250/1113
250/1830	251/1320
251/1526	251/2100

TABLE 3

PARAMETER START/STOP TIMES

100 KHZ ORE SIDESCAN

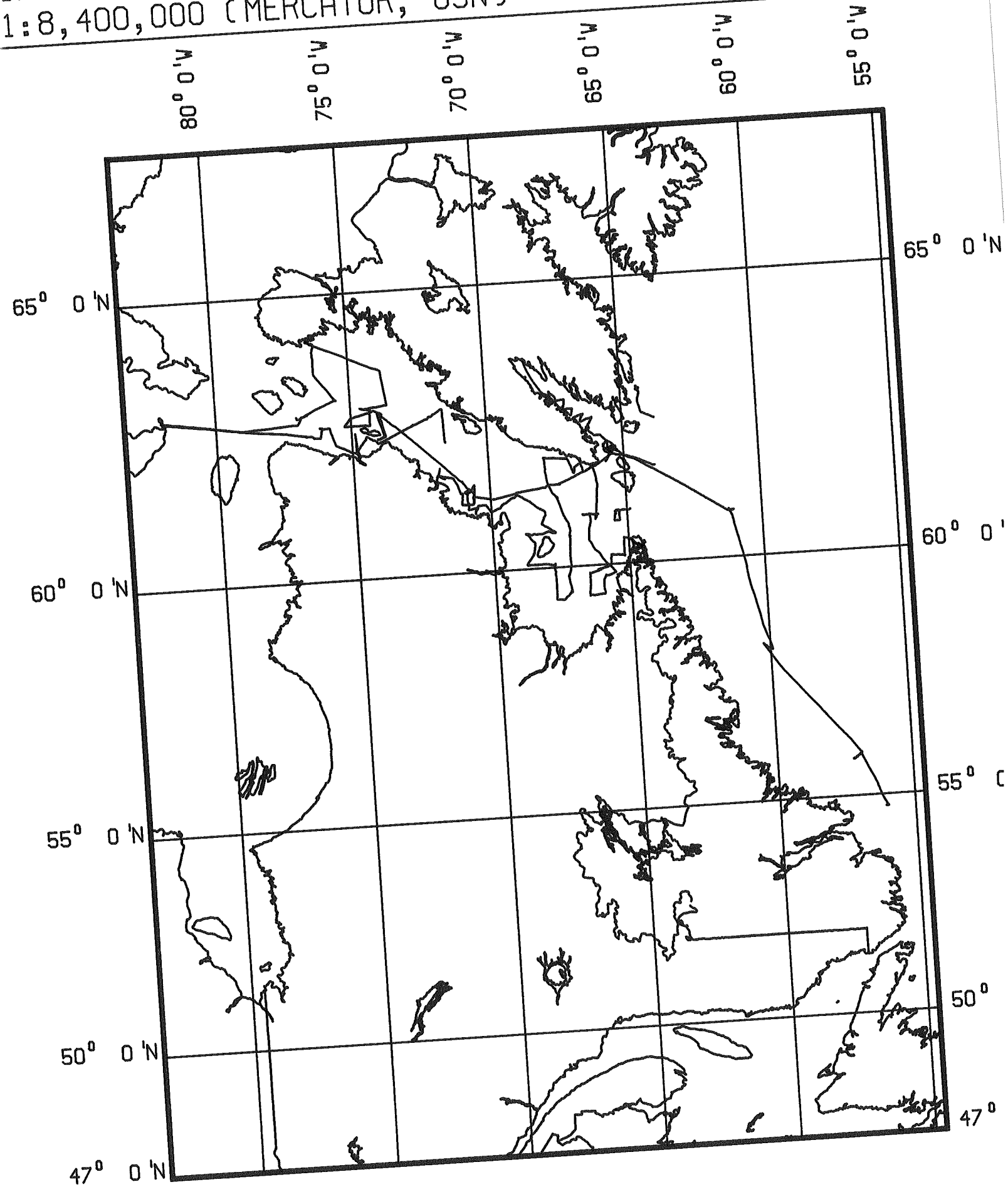
237/0110	238/0636
238/1130	239/1330
239/1455	240/1345
241/0106	241/0813
241/0853	241/1744
241/1924	242/1340
242/2118	243/1500
244/2337	245/0400
246/1900	247/1124
248/0006	248/2313
249/0200	249/1310
249/2009	250/1113
250/1830	251/1320
251/1526	251/1918

100/500 KHZ KLEIN SIDESCAN (HUNTEC)

240/1416	240/1512
240/2015	240/2121
243/1543	243/1700
243/2030	243/2316
244/0230	244/1253
244/1753	244/2252
247/1416	247/2330

90023

CRUISE TRACKS - 90023.
1:8,400,000 (MERCATOR, 65N)



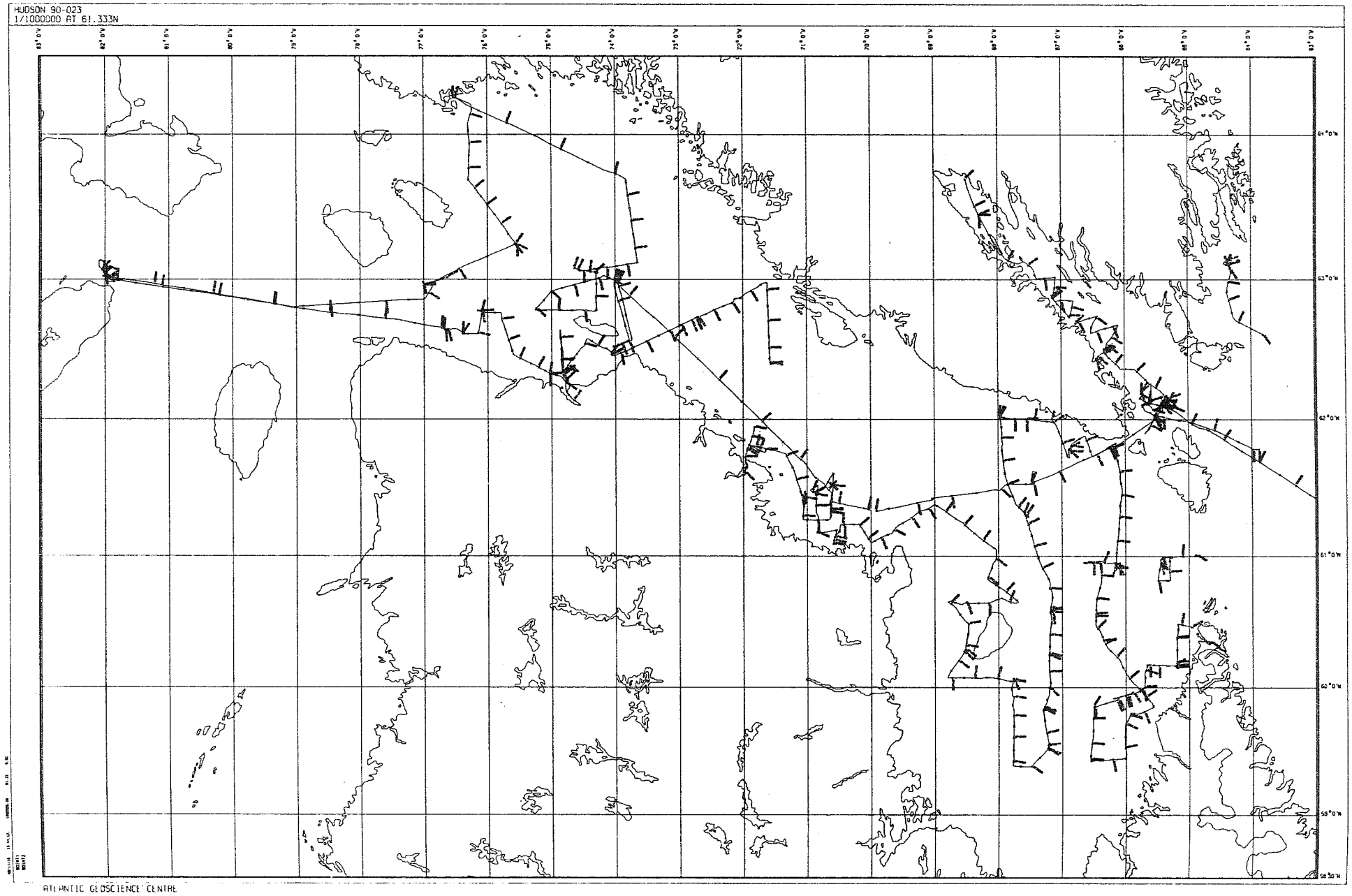

HUDSON 90-023
1/1000000 AT 61.333N
64°0'N
63°0'N
62°0'N
61°0'N
60°0'N
59°0'N
58°0'N
ATLANTIC GEOSCIENCE CENTRE

Fig. 2

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
-FINS- REPORTING PACKAGE

TABLE 15

HUNTEC RECORDS

CRUISE NUMBER = 90023
CHIEF SCIENTIST = B. MACLEAN
PROJECT NUMBER = 760015

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	HUNTEC SYSTEM
1	2620245	2621255	INTERNAL		SINGLE	FROBISHER BAY	EPC 4100	HUNTEC DTS (AGC 3)
2	2621640	2621735	INTERNAL		SINGLE	FROBISHER BAY	EPC 4100	HUNTEC DTS (AGC 3)
3	2620320	2621735	INTERNAL		SINGLE	FROBISHER BAY	EPC 4100	HUNTEC DTS (AGC 3)
4	2630135	2630615	INTERNAL		SINGLE	FROBISHER BAY	EPC 4100	HUNTEC DTS (AGC 3)
5	2630150	2630635	EXTERNAL		SINGLE	FROBISHER BAY	EPC 4100	HUNTEC DTS (AGC 3)
6	2630625	2631215	INTERNAL		SINGLE	FROBISHER BAY	EPC 4100	HUNTEC DTS (AGC 3)
7	2631330	2631850	INTERNAL		SINGLE	FROBISHER BAY	EPC 4100	HUNTEC DTS (AGC 3)
8	2630640	2631850	EXTERNAL		SINGLE	FROBISHER BAY	EPC 4100	HUNTEC DTS (AGC 3)
9	2632145	2640640	INTERNAL		SINGLE	FROBISHER BAY	EPC 4100	HUNTEC DTS (AGC 3)
10	2632145	2640655	EXTERNAL		SINGLE	FROBISHER BAY	EPC 4100	HUNTEC DTS (AGC 3)
11	2640645	2640920	INTERNAL		SINGLE	FROBISHER BAY	EPC 4100	HUNTEC DTS (AGC 3)
12	2640705	2641805	EXTERNAL		SINGLE	FROBISHER BAY	EPC 4100	HUNTEC DTS (AGC 3)
13	2641125	2651620	INTERNAL		SINGLE	FROBISHER BAY	EPC 4100	HUNTEC DTS (AGC 3)
14	2650415	2651620	EXTERNAL		SINGLE	FROBISHER BAY	EPC 4100	HUNTEC DTS (AGC 3)
15	2660315	2661115	INTERNAL		SINGLE	FROBISHER BAY	EPC 4100	HUNTEC DTS (AGC 3)
16	2660315	2661115	EXTERNAL		SINGLE	FROBISHER BAY	EPC 4100	HUNTEC DTS (AGC 3)
17	2661535	2671110	EXTERNAL		SINGLE	FROBISHER BAY	EPC 4100	HUNTEC DTS (AGC 3)
18	2671735	2672120	EXTERNAL		SINGLE	FROBISHER BAY	EPC 4100	HUNTEC DTS (AGC 3)
19	2661540	2661640	INTERNAL		SINGLE	OFF HALL PENINSULA	EPC 4100	HUNTEC DTS (AGC 3)
20	2670125	2672120	EXTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
21	2672230	2680555	EXTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
22	2672230	2690015	EXTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
23	2680600	2690005	INTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
24	2690105	2691315	EXTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
25	2690105	2691315	INTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
-FINS- REPORTING PACKAGE

TABLE 15

HUNTEC RECORDS

CRUISE NUMBER = 90023
CHIEF SCIENTIST = B. MACLEAN
PROJECT NUMBER = 760015

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	HUNTEC SYSTEM
26	2691455	2701515	INTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
27	2691455	2700200	EXTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
28	2700205	2701515	EXTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
29	2702155	2710435	INTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
30	2702155	2711630	EXTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
31	2711800	2712130	EXTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
32	2710440	2711655	INTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
33	2711800	2712145	INTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
34	2712230	2720655	INTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
35	2712140	2720315	EXTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
36	2720410	2721710	EXTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
37	2720700	2721315	INTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
38	2721510	2721710	INTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
39	2732150	2741125	INTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
40	2732140	2740245	EXTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
41	2740250	2740950	EXTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
42	2741050	2750000	EXTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
43	2741130	2750000	INTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
44	2750005	2750245	EXTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
45	2750005	2750835	INTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
46	2750840	2751440	INTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
47	2750255	2751440	EXTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
48	2751455	2752235	EXTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
49	2751455	2760340	INTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
50	2752245	2761225	EXTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)

TABLE 15

HUNTEC RECORDS

CRUISE NUMBER = 90023
CHIEF SCIENTIST = B. MACLEAN
PROJECT NUMBER = 760015

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	HUNTEC SYSTEM
51	2760345	2761220	INTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
52	2761605	2770050	INTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
53	2770100	2772100	INTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
54	2761605	2770055	INTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
55	2770100	2772100	INTERNAL		SINGLE	UNGAVA BAY	EPC 4100	HUNTEC DTS (AGC 3)
56	2791235	2791310	EXTERNAL	A-B	SINGLE	HUDSON STRAIT	EPC 4100	HUNTEC DTS (AGC 3)
57	2791235	2791805	INTERNAL	A-B	SINGLE	HUDSON STRAIT	EPC 4100	HUNTEC DTS (AGC 3)
58	2792200	2801920	INTERNAL		SINGLE	HUDSON STRAIT	EPC 4100	HUNTEC DTS (AGC 3)
59	2791320	2801515	EXTERNAL		SINGLE	HUDSON STRAIT	EPC 4100	HUNTEC DTS (AGC 3)
60	2801520	2812215	EXTERNAL	C-D	SINGLE	HUDSON STRAIT	EPC 4100	HUNTEC DTS (AGC 3)
61	2801925	2820405	INTERNAL		SINGLE	HUDSON STRAIT	EPC 4100	HUNTEC DTS (AGC 3)
62	2812220	2831240	EXTERNAL		SINGLE	WESTERN HUDSON STRAIT	EPC 4100	HUNTEC DTS (AGC 3)
63	2820410	2831820	INTERNAL		SINGLE	WESTERN HUDSON STRAIT	EPC 4100	HUNTEC DTS (AGC 3)
64	2860055	2870415	INTERNAL	66-67	SINGLE	WESTERN HUDSON STRAIT	EPC 4100	HUNTEC DTS (AGC 3)
65	2890905	2922150	EXTERNAL	LINE 82-83;	SINGLE	WESTERN HUDSON STRAIT	EPC 4100	HUNTEC DTS (AGC 3)
66	2870420	2922151	INTERNAL	LINE 66-67;	SINGLE	WESTERN HUDSON STRAIT	EPC 4100	HUNTEC DTS (AGC 3)

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
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TABLE 16

SEISMIC RECORDS

CRUISE NUMBER = 90023
CHIEF SCIENTIST = B. MACLEAN
PROJECT NUMBER = 760015

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	SYSTEM / SOUND SOURCE
1	2630325	2631220	NSRF 25'		SINGLE	FROBISHER BAY	LSR	AGC SEISMICS SLEEVE GUN 40 CU IN
2	2631723	2631743	NSRF 25'		SINGLE	FROBISHER BAY	LSR	AGC SEISMICS SLEEVE GUN 40 CU IN
3	2632120	2661115	NSRF 25'		SINGLE	FROBISHER BAY	LSR	AGC SEISMICS SLEEVE GUN 40 CU IN
4	2670100	2681020	NSRF 25'		SINGLE	UNGAVA BAY	LSR	AGC SEISMICS SLEEVE GUN 40 CU IN
5	2680405	2681250	SE 25'		SINGLE	UNGAVA BAY	LSR	AGC SEISMICS SLEEVE GUN 40 CU IN
6	2681030	2700315	NSRF		SINGLE	UNGAVA BAY	LSR	AGC SEISMICS SLEEVE GUN 40 CU IN
7	2702155	2711300	NSRF		SINGLE	UNGAVA BAY	LSR	AGC SEISMICS SLEEVE GUN 40 CU IN
8	2721515	2731210	NSRF		SINGLE	UNGAVA BAY	LSR	AGC SEISMICS SLEEVE GUN 40 CU IN
9	2702210	2711010	SE 25'		SINGLE	UNGAVA BAY	LSR	AGC SEISMICS SLEEVE GUN 40 CU IN
10	2721515	2730022	SE 25'		SINGLE	UNGAVA BAY	LSR	AGC SEISMICS SLEEVE GUN 40 CU IN
11	2732145	2740410	SE 25'		SINGLE	UNGAVA BAY	LSR	AGC SEISMICS SLEEVE GUN 40 CU IN
12	2812120	2820700	SE 25'		SINGLE NSRF	HUDSON STRAIT	LSR 1811	AGC SEISMICS AIRGUN 40 CU IN
13	2821245	2821648	SE 25'		SINGLE	DECEPTION BAY FOR DENIS BRUNEAU	LSR 1811	BUBBLE PULSE AIRGUN 10 CU IN
14	2821000	2821240	SE 25'		SINGLE	DECEPTION BAY FOR DENIS BRUNEAU	LSR 1811	BUBBLE PULSE AIRGUN 10 CU IN
15	2761605	2810815	SE 25'		SINGLE NSRF	HUDSON STRAIT	LSR 1811	AGC SEISMICS SLEEVE GUN 40 CU IN
16	2820710	2872010	SE 25'	83-84;84-85;	SINGLE NSRF	HUDSON STRAIT	EPC 4100	AGC SEISMICS SLEEVE GUN 40 CU IN
17	2890613	2890953	SE 25'		SINGLE NSRF	OUTER FROBISHER BAY	EPC 4100	AGC SEISMICS SLEEVE GUN 40 CU IN

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
-FINS- REPORTING PACKAGE

TABLE 17

3.5 KHZ RECORDS

CRUISE NUMBER = 90023
CHIEF SCIENTIST = B. MACLEAN
PROJECT NUMBER = 760015

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	LINE NUMBERS	GEOGRAPHIC LOCATION	RECORDER	SYSTEM / SOUND SOURCE
1	2612326	2622030		FROBISHER BAY	EPC 4100	ORE HULL MOUNTED
2	2622035	2641455		FROBISHER BAY	EPC 4100	ORE HULL MOUNTED
3	2641530	2660120		FROBISHER BAY, OFF HALL PENINSULA	EPC 4100	ORE HULL MOUNTED
4	2660135	2680230		OFF HALL PENINSULA, UNGAVA BAY	EPC 4100	ORE HULL MOUNTED
5	2680245	2692045		UNGAVA BAY	EPC 4100	ORE HULL MOUNTED
6	2692050	2702230		UNGAVA BAY	EPC 4100	ORE HULL MOUNTED
7	2702245	2711545		UNGAVA BAY	EPC 4100	ORE HULL MOUNTED
8	2711550	2720155		UNGAVA BAY	EPC 4100	ORE HULL MOUNTED
9	2720205	2722110		UNGAVA BAY	EPC 4100	ORE HULL MOUNTED
10	2722115	2740930		UNGAVA BAY	EPC 4100	ORE HULL MOUNTED
11	2730935	2740245		UNGAVA BAY	EPC 4100	ORE HULL MOUNTED
12	2740250	2750000		UNGAVA BAY	EPC 4100	ORE HULL MOUNTED
13	2750005	2750740		UNGAVA BAY	EPC 4100	ORE HULL MOUNTED
14	2750745	2751440		UNGAVA BAY	EPC 4100	ORE HULL MOUNTED
15	2751455	2761400		UNGAVA BAY	EPC 4100	ORE HULL MOUNTED
16	2761410	2772025		UNGAVA BAY	EPC 4100	ORE HULL MOUNTED
17	2772035	2801635		UNGAVA BAY	EPC 4100	ORE HULL MOUNTED
18	2801645	2811550		HUDSON STRAIT	EPC 4100	ORE HULL MOUNTED
19	2811552	2822128		HUDSON STRAIT	EPC 4100	ORE HULL MOUNTED
20	2822140	2840715		HUDSON STRAIT	EPC 4100	ORE HULL MOUNTED
21	2840720	2852020		HUDSON STRAIT	EPC 4100	ORE HULL MOUNTED
22	2852030	2870805		HUDSON STRAIT	EPC 4100	ORE HULL MOUNTED
23	2870810	2872230		HUDSON STRAIT	EPC 4100	ORE HULL MOUNTED
24	2872235	2882140		HUDSON STRAIT	EPC 4100	ORE HULL MOUNTED

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
-FINS- REPORTING PACKAGE

TABLE 17

3.5 KHZ RECORDS

CRUISE NUMBER = 90023
CHIEF SCIENTIST = B. MACLEAN
PROJECT NUMBER = 760015

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	LINE NUMBERS	GEOGRAPHIC LOCATION	RECORDER	SYSTEM / SOUND SOURCE
25	2801705	2890904		HUDSON STRAIT	EPC 4100	ORE HULL MOUNTED
26	2882145	2912050		HUDSON STRAIT	EPC 4100	ORE HULL MOUNTED

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
-FINS- REPORTING PACKAGE

TABLE 18

SIDESCAN RECORDS

CRUISE NUMBER = 90023
CHIEF SCIENTIST = B. MACLEAN
PROJECT NUMBER = 760015

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	SIDESCAN SYSTEM
1	2621600	2621802		SINGLE	WATTS BAY, FROBISHER BAY	KLEIN 531	BIO SIDESCAN(70 KHZ)
2	2631622	2631845		SINGLE	YORK SOUND, FROBISHER BAY	KLEIN 531	BIO SIDESCAN(70 KHZ)
3	2671730	2672135		SINGLE	HUDSON STRAIT	KLEIN 531	BIO SIDESCAN(70 KHZ)
4	2681550	2690255		SINGLE	UNGAVA BAY	KLEIN 531	BIO SIDESCAN(70 KHZ)
5	2690755	2691135		SINGLE	UNGAVA BAY	KLEIN 531	BIO SIDESCAN(70 KHZ)
6	2691605	2692100		SINGLE	UNGAVA BAY	KLEIN 531	BIO SIDESCAN(70 KHZ)
7	2692250	2700330		SINGLE	UNGAVA BAY	KLEIN 531	BIO SIDESCAN(70 KHZ)
8	2711810	2712150		SINGLE	UNGAVA BAY	KLEIN 531	BIO SIDESCAN(70 KHZ)
9	2712230	2720650		SINGLE	UNGAVA BAY	KLEIN 531	BIO SIDESCAN(70 KHZ)
10	2722225	2730600		SINGLE	UNGAVA BAY	KLEIN 531	BIO SIDESCAN(70 KHZ)
11	2730625	2731220		SINGLE	UNGAVA BAY	KLEIN 531	BIO SIDESCAN(70 KHZ)
12	2731345	2731605		SINGLE	UNGAVA BAY	KLEIN 531	BIO SIDESCAN(70 KHZ)
13	2740425	2740955		SINGLE	UNGAVA BAY	KLEIN 531	BIO SIDESCAN(70 KHZ)
14	2741045	2741100		SINGLE	UNGAVA BAY	KLEIN 531	BIO SIDESCAN(70 KHZ)
15	2741100	2741610		SINGLE	UNGAVA BAY	KLEIN 531	BIO SIDESCAN(70 KHZ
16	2741615	2750000		SINGLE	UNGAVA BAY	KLEIN 531	BIO SIDESCAN(70 KHZ)
17	2750010	2751100		SINGLE	UNGAVA BAY	KLEIN 531	BIO SIDESCAN(70 KHZ)
18	2761605	2761740		SINGLE	UNGAVA BAY	KLEIN 531	BIO SIDESCAN(70 KHZ)
19	2770255	2771030		SINGLE	UNGAVA BAY	KLEIN 531	BIO SIDESCAN(70 KHZ)
20	2771250	2771600		SINGLE	UNGAVA BAY	KLEIN 531	BIO SIDESCAN(70 KHZ)
21	2801745	2810125		SINGLE	HUDSON STRAIT	KLEIN 531	KLEIN 531T (100 KHZ)
22	2810315	2810815	E-F	SINGLE	HUDSON STRAIT	KLEIN 521	KLEIN 421T (100 KHZ)
23	2762245	2770245		SINGLE	HUDSON STRAIT	KLEIN 531	KLEIN 531T (100 KHZ)
24	2812145	2820750		SINGLE	HUDSON STRAIT	KLEIN 531	KLEIN 531T (100 KHZ)

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
-FINS- REPORTING PACKAGE

TABLE 18

SIDESCAN RECORDS

CRUISE NUMBER = 90023
CHIEF SCIENTIST = B. MACLEAN
PROJECT NUMBER = 760015

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	SIDESCAN SYSTEM
25	2821000	2821336		SINGLE	DECEPTION BAY, N.QUE BY DENIS BRUNEAU	KLEIN 401	KLEIN 401 (100 KHZ)
26	2850740	2850930	EOL B-C	SINGLE	WESTERN HUDSON STRAIT	KLEIN 531	BIO SIDESCAN(70 KHZ)
27	2870155	2870741	65-66	SINGLE	WESTERN HUDSON STRAIT	KLEIN 531	BIO SIDESCAN(70 KHZ)
28	2861805	2870150	64-65	SINGLE	WESTERN HUDSON STRAIT	KLEIN 531	BIO SIDESCAN(70 KHZ)

90024

CRUISE TRACKS - 90024.
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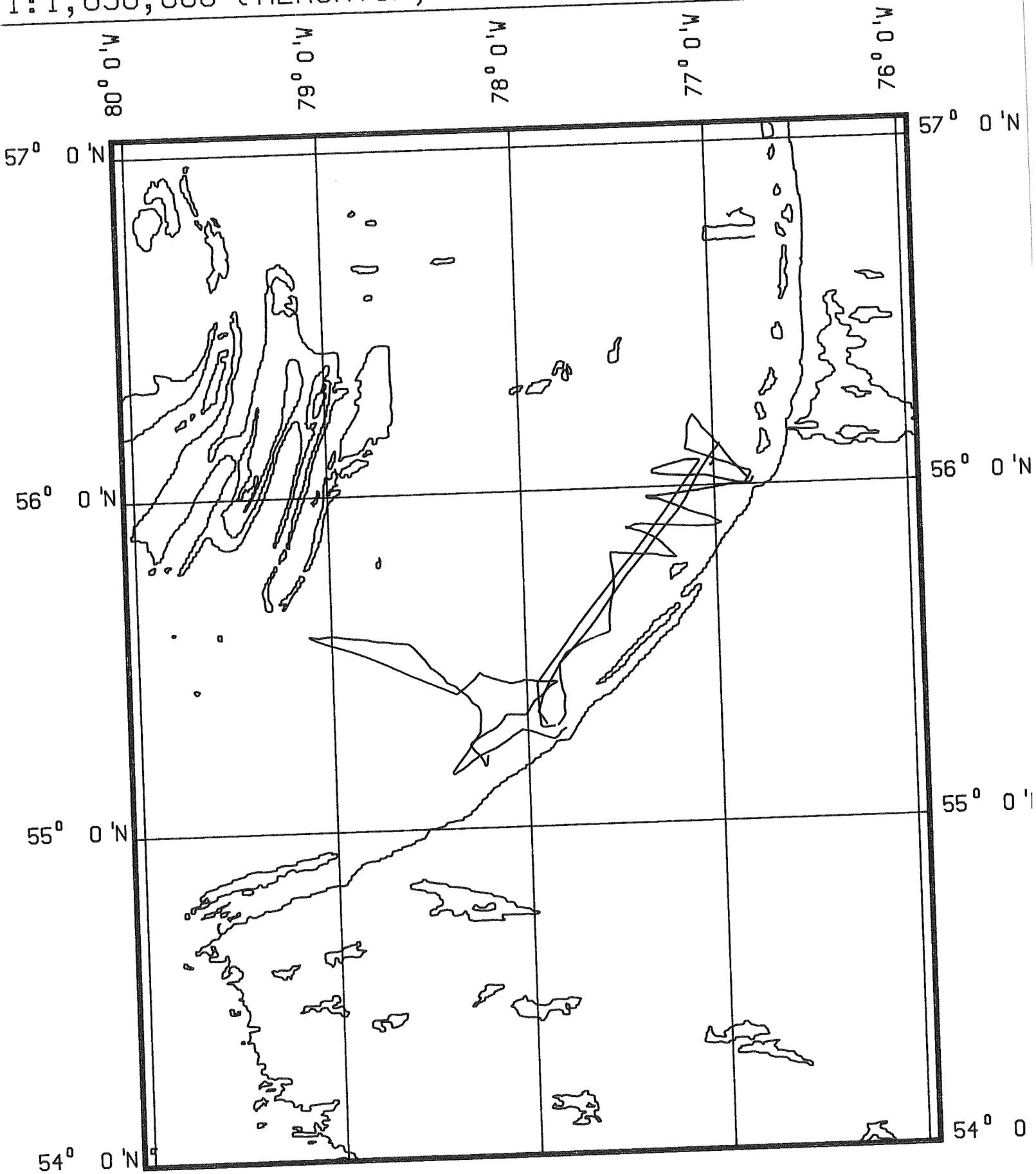

90028

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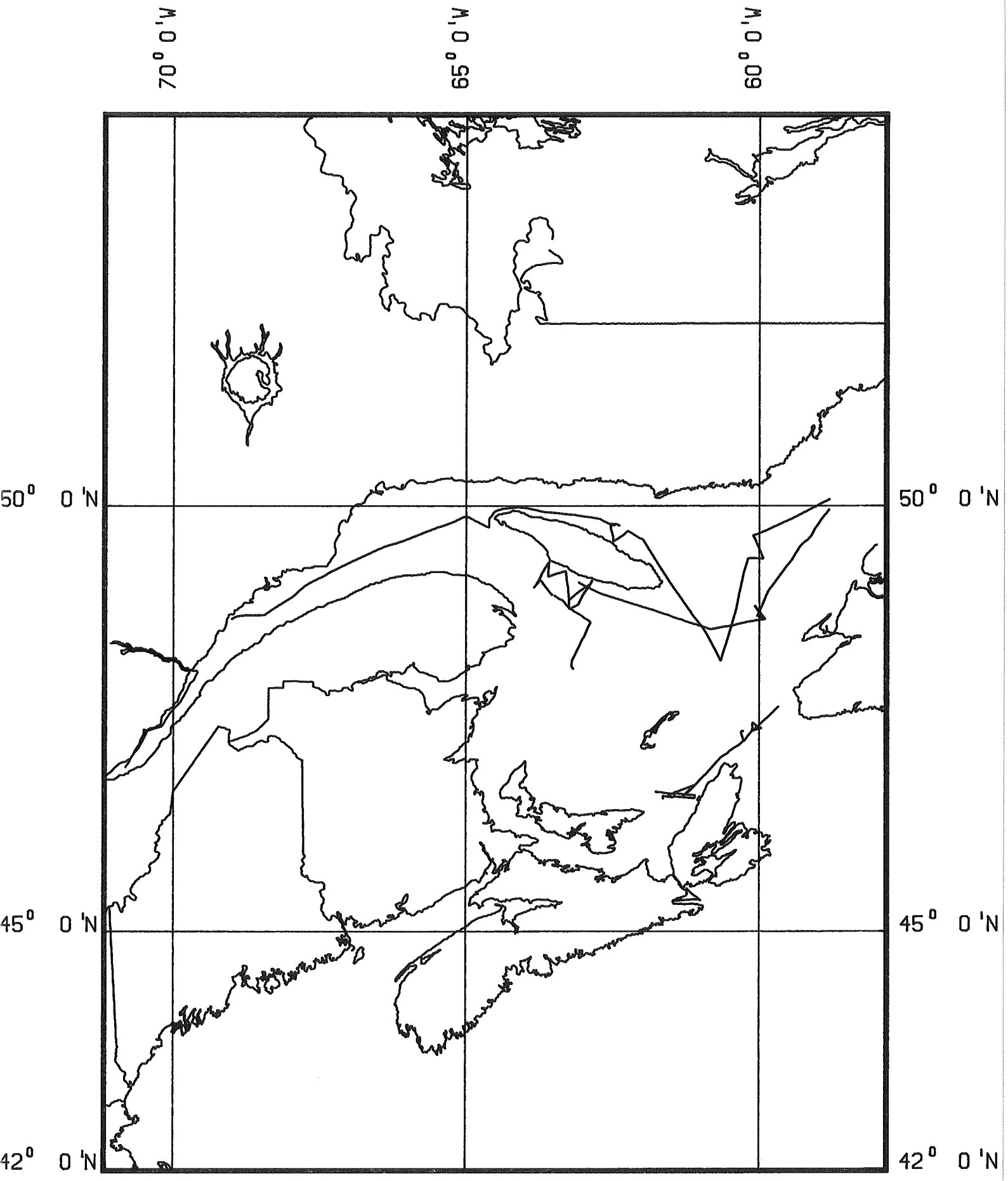
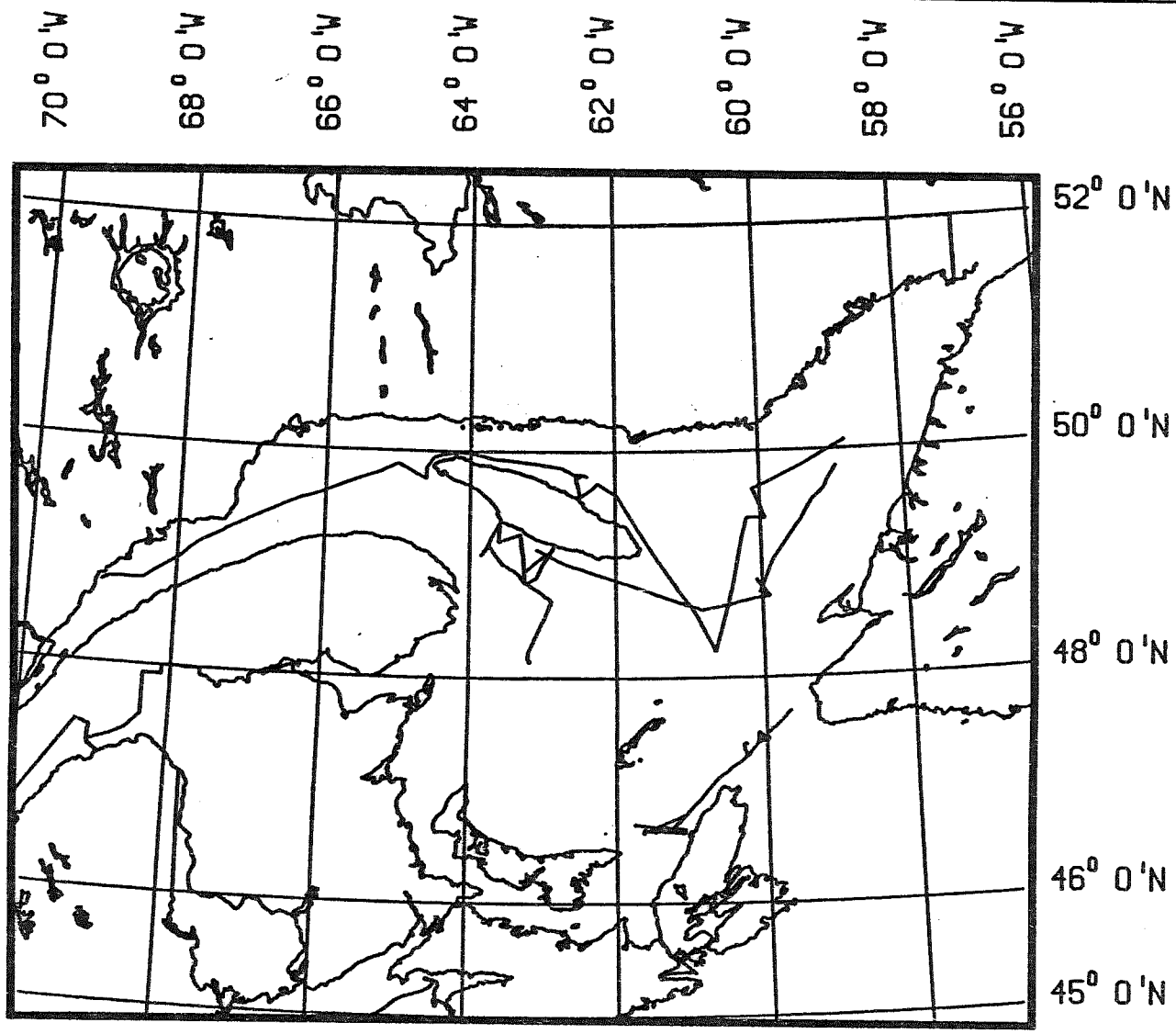
1:5,900,000 (MERCATOR, 50N)

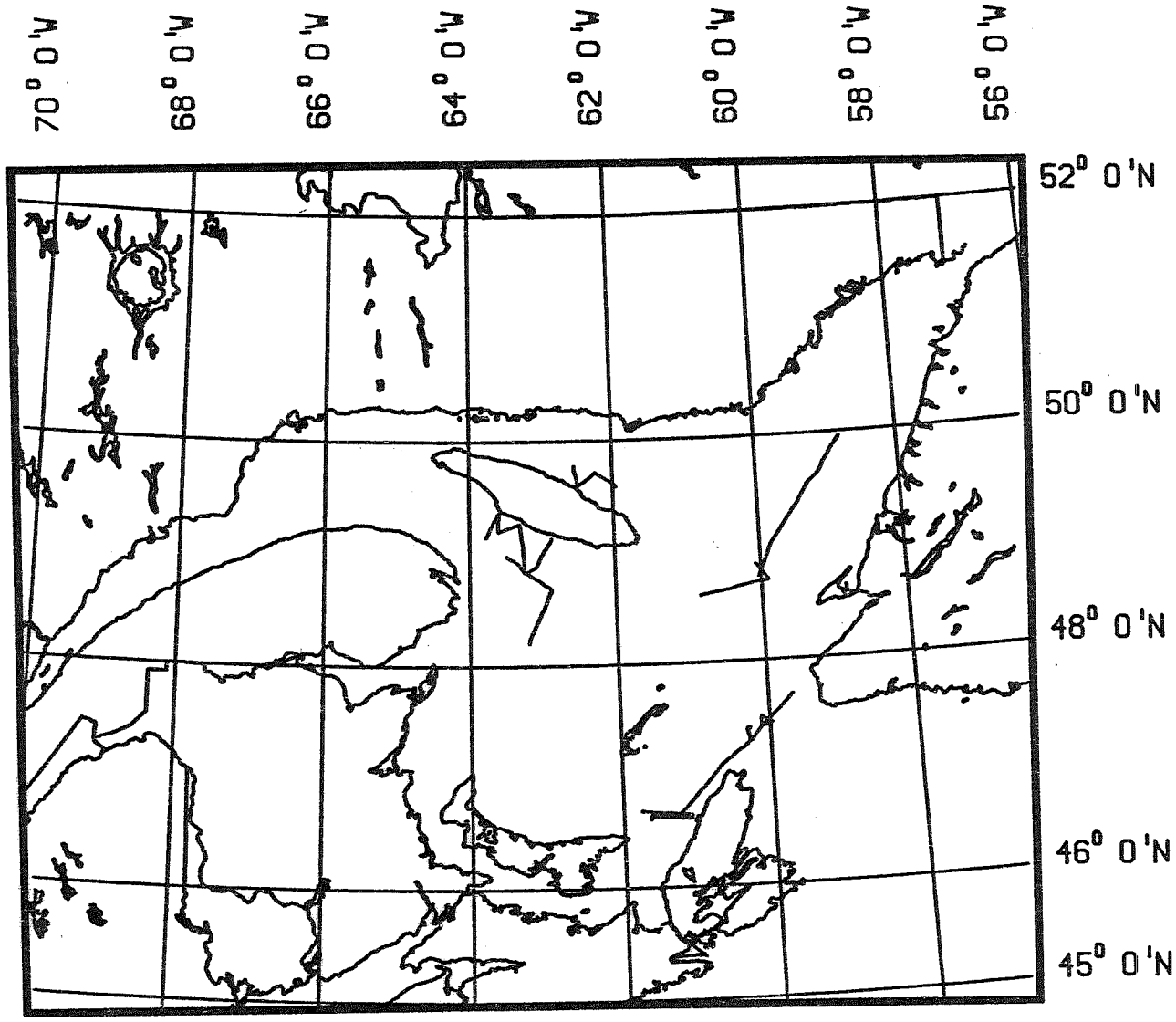


3.5 KHZ TRACKS
90-028



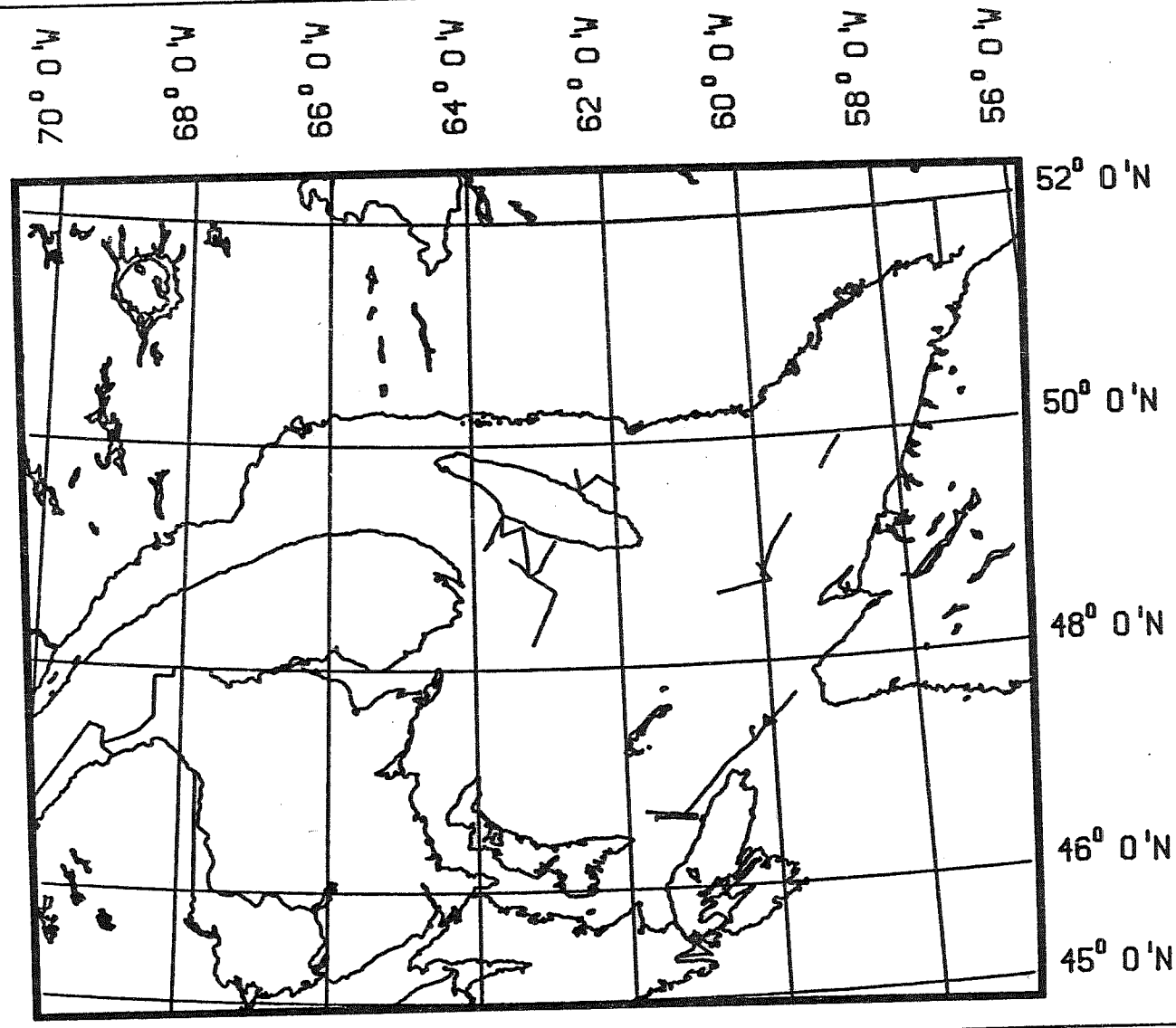
ATLANTIC GEOSCIENCE CENTRE

SLEEVE GUN SEISMICS TRACKS
90-028



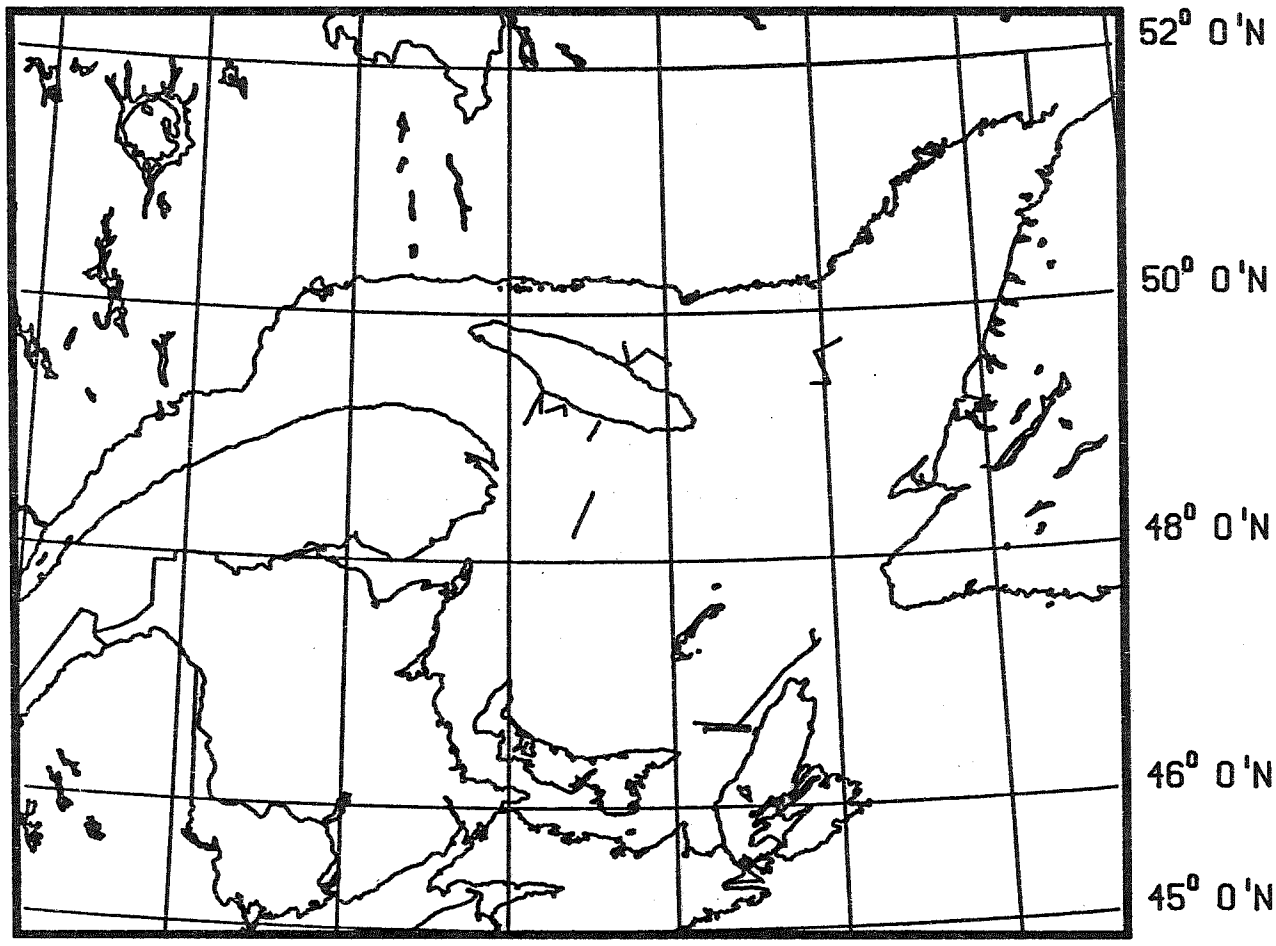
ATLANTIC GEOSCIENCE CENTRE

HUNTEC TRACKS
90-028



ATLANTIC GEOSCIENCE CENTRE

SIDESCAN TRACKS
90-028



ATLANTIC GEOSCIENCE CENTRE

TABLE 1

LINE NUMBER START/STOPS

LINE NUMBER	START DAY/TIME	STOP DAY/TIME
1	305/1443	305/1515
2	305/1517	305/1700
3	305/1715	305/2104
4	305/2105	305/2203
5	307/0118	307/0137
6	307/0138	307/0246
7	307/0251	307/0436
8	307/0447	307/0548
9	307/0549	307/0702
10	307/0703	307/0817
11	307/0825	307/1300
12	307/2332	308/0455
13	308/0457	308/1219
14	308/1220	308/1320
15	309/0005	309/0446
16	309/0519	309/1050
17	310/0128	310/0642
18	310/0643	310/1243
19	310/1615	310/1725
20	310/2224	311/0151
21	311/0200	311/0351
22	311/0409	311/0635
23	311/0640	311/1145
24	311/1151	311/1650
25	312/0740	312/1432
26	312/1441	312/1645
27	312/2347	313/1630
28	THERE IS NO LINE NO. 28	
29	314/0241	314/0539
30	314/0545	314/1129
31	314/0930	314/1129
32	315/0440	315/0702
33	315/0710	315/0922
34	315/0930	315/1137
35	319/0442	319/0732
36	319/0736	319/0840
37	319/0903	319/0958
38	319/1005	319/1111
39	319/1123	319/1210
40	320/0104	320/0257
41	320/0309	320/0411
42	320/0426	320/0543
43	320/0558	320/0622

TABLE 1

LINE NUMBER START/STOPS

LINE NUMBER	START DAY/TIME	STOP DAY/TIME
44	320/0630	320/0642
45	320/0648	320/0700
46	320/0705	320/0731
47	320/0742	320/0821
48	320/0834	320/0916
49	320/0927	320/1006
50	320/1020	320/1106
51a	320/1207	320/1239
51b	320/1830	320/1937
52	321/0520	321/0803

TABLE 2

LINE NUMBER PARAMETER OCCURANCE

LINE NUMBER	BIO SIDESCAN	HUNTEC SIDESCAN	KLEIN SIDESCAN	SLEEVEGUN SEISMICS	HUNTEC DTS	3.5 KHZ
1		1		1	1	1
2		2		2	2	2
3		3		3	3	3
4		4		4	4	4
5		5		5	5	5
6		6		6	6	6
7		7		7	7	7
8				8	8	8
9				9	9	9
10				10	10	10
11				11	11	11
12		12		12	12	12
13		13		13	13	13
14		14		14	14	14
15		15		15	15	15
16		16		16	16	16
17		17		17	17	17
18				18	18	18
19					19	19
20		20		20	20	20
21		21		21	21	21
22		22		22	22	22
23		23		23	23	23
24		24		24	24	24
25				25	25	25
26				26	26	26
27				27	27	27
28						
29	29		29			29
30	30		30			30
31	31		31			31
32				32	32	32
33				33	33	33
34				34	34	34
35	35			35		35
36	36			36		36
37	37			37		37
38	38			38		38
39	39			39		39
40	40			40		40
41	41			41		41
42	42			42		42
43	43			43		43

TABLE 2

LINE NUMBER PARAMETER OCCURANCE

LINE NUMBER	BIO SIDESCAN	HUNTEC SIDESCAN	KLEIN SIDESCAN	SLEEVEGUN SEISMICS	HUNTEC DTS	3.5 KHZ
44	44			44		44
45	45			45		45
46	46			46		46
47	47			47		47
48	48			48		48
49	49			49		49
50	50			50		50
51a	51a					51a
51b						51b
52	52			52		52

TABLE 3

PARAMETER START/STOP TIMES

3.5 KHZ BATHYMETRY

305/1443	305/2212
307/0109	307/1300
307/2310	308/1320
308/1320	308/1430
308/1600	308/1744
308/1840	308/1940
309/0000	309/1050
309/2235	309/2359
310/0000	310/1240
310/1510	310/1736
310/2230	310/2359
311/0000	311/1740
311/1845	311/2015
312/0000	312/1745
312/1904	312/2359
313/0000	313/1444
313/2330	313/2359
314/0000	314/1720
314/2110	314/2359
315/0000	315/1230
315/1530	315/2359
316/0000	316/1906
318/0530	318/1328
318/1935	318/2358
319/0000	319/0305
319/0405	319/1305
319/2050	319/2358
320/0000	320/1310
320/1820	320/1910
320/2040	320/2140
320/2340	321/1137

SLEEVEGUN SEISMICS

305/1443	305/2212
307/0109	307/1300
307/2310	308/1320
309/0000	309/1050
310/0118	310/1243
310/2302	311/1649
312/0735	312/1645
312/2332	313/1630
315/0425	315/1137
318/0530	318/1205
318/2105	318/2135
318/2225	319/0241
319/0427	319/1210
320/0117	319/1106
321/0525	321/0800

TABLE 3

PARAMETER START/STOP TIMES

HUNTEC (DTS)

305/1443	305/2212
307/0109	307/1300
307/2310	308/1320
309/0000	309/1050
310/0131	310/1243
310/1615	310/1735
310/2215	311/1649
312/0911	312/1645
312/2343	313/0610
313/1216	313/1630
315/0425	315/1137

50 KHZ KLEIN SS (HUNTEC)

305/1440	305/2205
307/0115	307/0328
307/2310	308/1324
309/0005	309/1048
310/0125	310/0520
310/2224	311/0346
311/0430	311/0735
311/1450	311/1649
315/0425	315/1137

TABLE 3

PARAMETER START/STOP TIMES

75 KHZ BIO SIDESCAN		100/500 KHZ KLEIN SIDESCAN	
314/0250	314/1130	314/0245	314/1130
318/0530	318/1205		
318/2105	318/2135		
318/2235	319/0241		
319/0427	319/1210		
320/0053	320/1106		
320/1210	320/1239		
321/0525	321/0800		

TABLE 3

PARAMETER START/STOP TIMES

12 KHZ BATHYMETRY

313/0014 313/0530

90029

Baffin 90029 Area: Scotian Shelf R767

Bathymetry 3.5 KHz

1.	304/1300 – 304/1440	Line 901
2.	304/1445 – 305/0225	
3.	305/0236 – 306/0620	Line 903, 904
4.	306/0630 – 306/2242	Line 905
5.	306/2345 – 307/1725	Line 906 – 907
6.	307/1735 – 308/1201	Line 907-908
7.	308/1210 – 309/0750	Line 908 – 910
8.	309/0800 – 309/1545	Line 910
9.	314/1355 – 314/2310	Line 90-18
10.	320/1200 – 321/0037	Line 90-24
11.	321/0130 – 321/~~1450~~ 1435	Line 90-25 – 90-27
12.	322/1730 – 323/1110	Line 90-028, -29
13.	323/1515 – 325/1755	Line 90-32 – 90-36
14.	325/1830 – 326/1315	Line 90-37, 90-38
15.	326/1325 – 327/0856	Line 90-39, 90-40
16.	327/1745 – 332/1430	Line 90-42, 90-47
17.	332/1515 – 333/1040	Line 90-48, 90-50
18.	334/1335 – 335/0835	Line 90-57, 90-58
19.	335/1150 – 336/0810	Line 90-59, -90-63
21.	337/0245 – 337/1030	Line 90-67, 90-68
20	336/0820 – 337/0240	Line 90-64, - 90-67

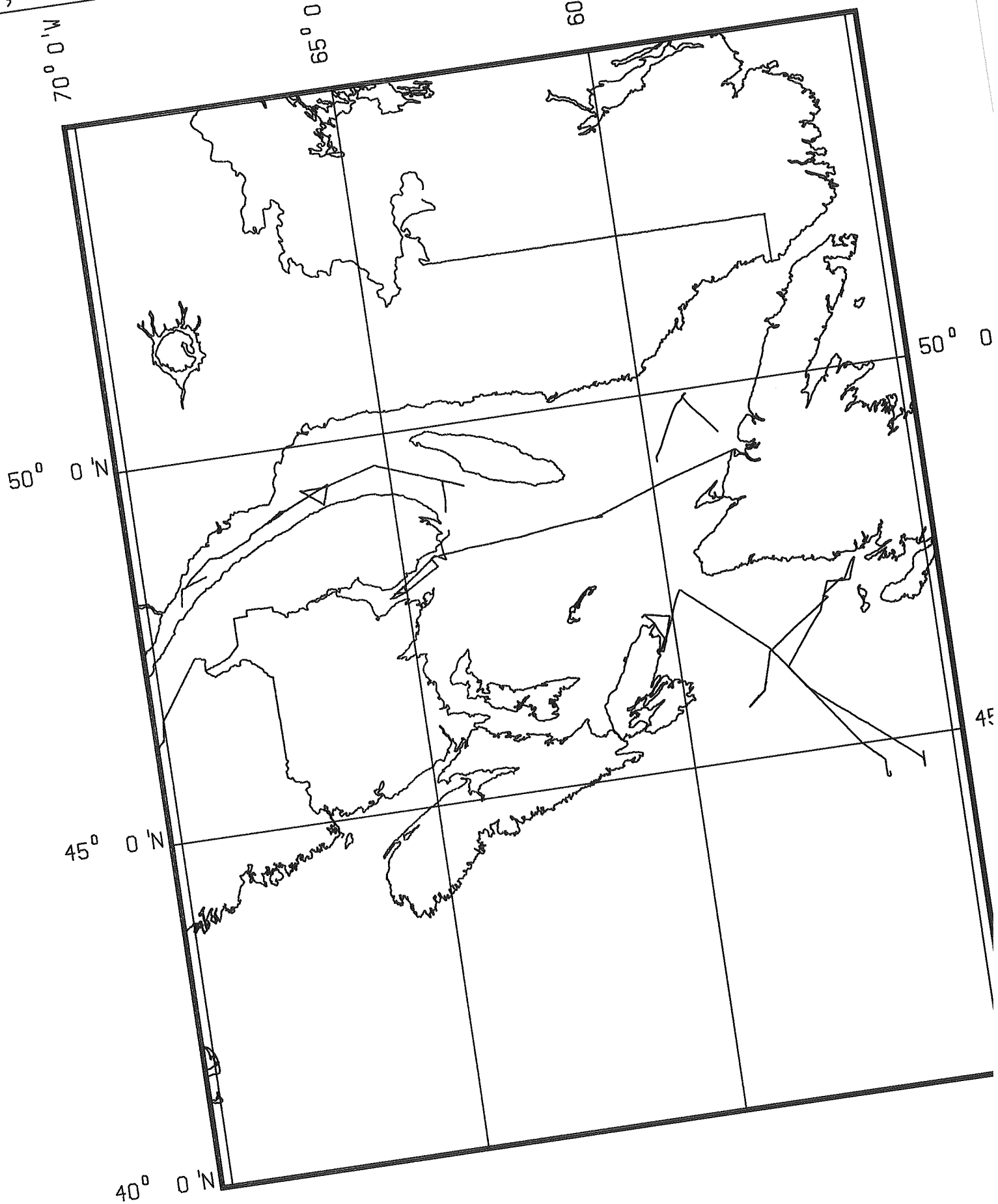
Magnetometer Rolls: 3

Gravity Strip Chart Flip-books: 2

1.	Days 298 – 308	298/1445 – 308/1304
2.	Days 308 – 330	308/1505 – 330/1400

90031

CRUISE TRACKS - 90031.
1:6,900,000 (MERCATOR, 50N)



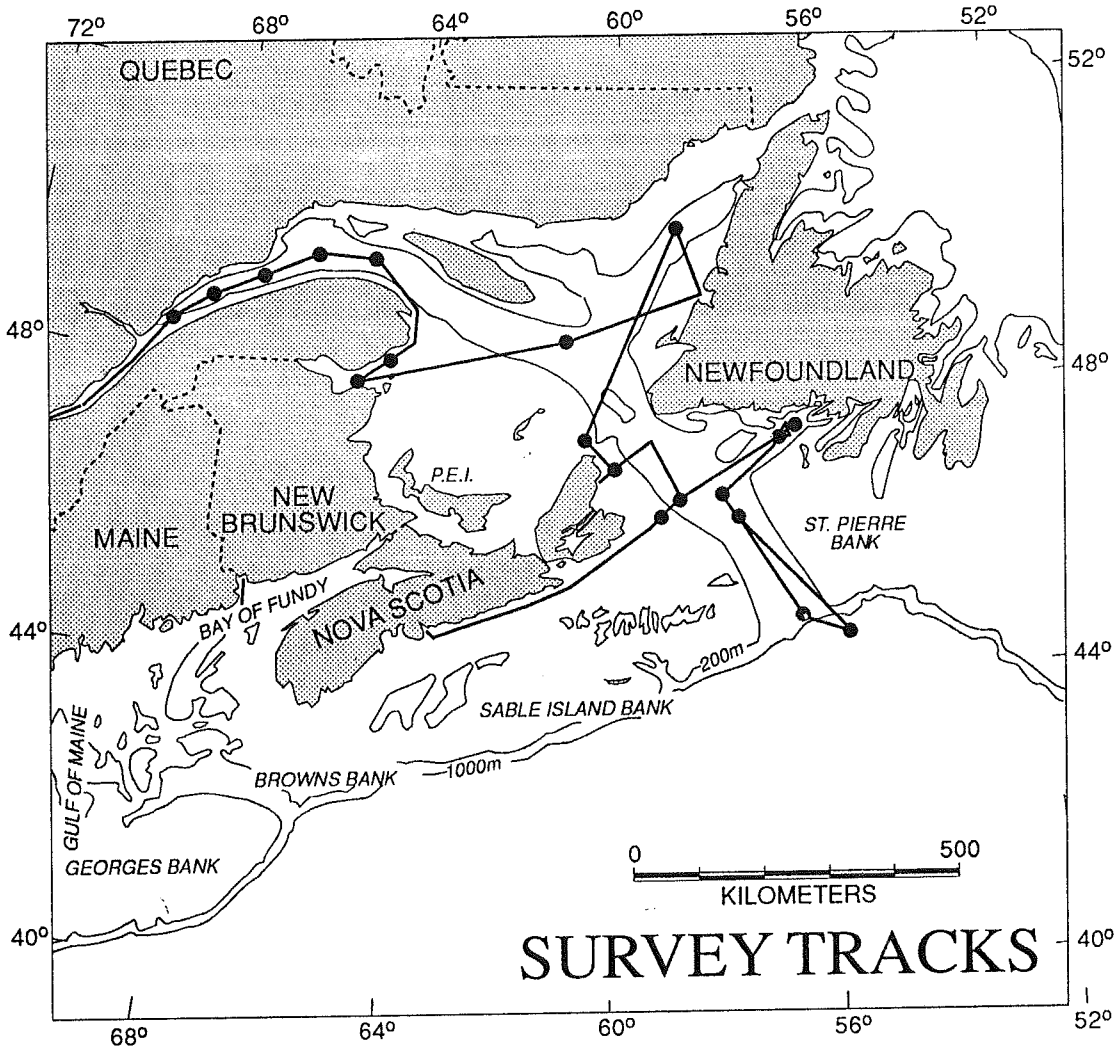


Figure 5. Seismic survey track locations.

ATLANTIC GEOSCIENCE CENTRE

DATA SECTION

-FINS- REPORTING PACKAGE

TABLE 5

CRUISE NUMBER = 90031

CHIEF SCIENTIST = G.VILKS

PROJECT NUMBER = 830045

SEISMICS/SIDESCAN COMBINED ON-LINE DATA TAPES

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFORMATION	
001	3240237	3240549	ST. LAWRENCE RIVER	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
002	3240549	3240830	ST. LAWRENCE RIVER	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
003	3240830	3242000	ST. LAWRENCE RIVER	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
004	3242000	3250519	ST. LAWRENCE RIVER	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
005	3250520	3252003	GULF OF ST. LAWRENCE	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
006	3250822	3252003	GULF OF ST. LAWRENCE	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
007	3252003	3252306	GULF OF ST. LAWRENCE	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
008	3252306	3260217	GULF OF ST. LAWRENCE	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
009	3260218	3260514	GULF OF ST. LAWRENCE	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
010	3260218	3260514	GULF OF ST. LAWRENCE	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
011	3260810	3262008	GULF OF ST. LAWRENCE	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)

ATLANTIC GEOSCIENCE CENTRE

DATA SECTION

-FINS- REPORTING PACKAGE

TABLE 5

CRUISE NUMBER = 90031

CHIEF SCIENTIST = G.VILKS

PROJECT NUMBER = 830045

SEISMICS/SIDESCAN COMBINED ON-LINE DATA TAPES

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFORMATION	
012	3262006	3262303	GULF OF ST. LAWRENCE	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
013	3262304	3270208	GULF OF ST. LAWRENCE	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
014	3270208	3270507	GULF OF ST. LAWRENCE	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
015	3270508	3270803	GULF OF ST. LAWRENCE	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
016	3270804	3272153	GULF OF ST. LAWRENCE	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
017	3272124	3280049	GULF OF ST. LAWRENCE	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
018	3280214	3280521	GULF OF ST. LAWRENCE	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
019	3280521	3280816	GULF OF ST. LAWRENCE	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
020	3280817	3281120	GULF OF ST. LAWRENCE	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
022	3320127	3320448	GULF OF ST. LAWRENCE	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
023	3320450	3320745	GULF OF ST. LAWRENCE	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)

ATLANTIC GEOSCIENCE CENTRE

DATA SECTION

-FINS- REPORTING PACKAGE

TABLE 5

CRUISE NUMBER = 90031

CHIEF SCIENTIST = G.VILKS

PROJECT NUMBER = 830045

SEISMICS/SIDESCAN COMBINED ON-LINE DATA TAPES

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFORMATION	
024	3320745	3321040	GULF OF ST. LAWRENCE	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
024	3320745	3321040	GULF OF ST. LAWRENCE	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
025	3321042	3330634	LAURENTIAN CHANNEL	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
026	3330635	3330908	LAURENTIAN CHANNEL	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
027	3330908	3331036	LAURENTIAN CHANNEL	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
028	3331036	3331502	LAURENTIAN CHANNEL	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
029	3331201	3331756	LAURENTIAN CHANNEL	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
030	3331757	3332056	LAURENTIAN CHANNEL	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
031	3332057	3340001	LAURENTIAN CHANNEL	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
032	3340002	3340254	LAURENTIAN CHANNEL	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
033	3340255	3340647	LAURENTIAN CHANNEL	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)

ATLANTIC GEOSCIENCE CENTRE

DATA SECTION

-FINS- REPORTING PACKAGE

TABLE 5

CRUISE NUMBER = 90031

CHIEF SCIENTIST = G.VILKS

PROJECT NUMBER = 830045

SEISMICS/SIDESCAN COMBINED ON-LINE DATA TAPES

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFORMATION	
034	3340647	3340942	LAURENTIAN CHANNEL	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
035	3340943	3341237	LAURENTIAN CHANNEL	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
036	3341238	3341541	LAURENTIAN CHANNEL	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
037	3341543	3342030	LAURENTIAN CHANNEL	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
038	3342031	3342333	LAURENTIAN CHANNEL	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
039	3342333	3361700	LAURENTIAN CHANNEL	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
040	3361700	3362000	LAURENTIAN CHANNEL	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
041	3352331	3370226	LAURENTIAN CHANNEL	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
042	3370227	3370525	LAURENTIAN CHANNEL	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
043	3370527	3370821	LAURENTIAN CHANNEL	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)

ATLANTIC GEOSCIENCE CENTRE

DATA SECTION

-FINS- REPORTING PACKAGE

TABLE 5

CRUISE NUMBER = 90031

CHIEF SCIENTIST = G.VILKS

PROJECT NUMBER = 830045

SEISMICS/SIDESCAN COMBINED ON-LINE DATA TAPES

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFORMATION	
044	3370821	3380440	SCOTIAN SHELF	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
045	3380442	3380737	SCOTIAN SHELF	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
046	3380737	3381515	SCOTIAN SHELF	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)
047	3381517	3381635	SCOTIAN SHELF	CH 1-3 SEISMICS (NSRF-TRIGGER-25' S.E.) CH 7-8 3.5 KHZ (TRIGGER-DATA)	CH 4-6 HUNTEC (INT-TRIG-EXT) CH 10-12 SIDESCAN (PORT-TRIG-STB'D)

ATLANTIC GEOSCIENCE CENTRE

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TABLE 6

CRUISE NUMBER = 90031

CHIEF SCIENTIST = G.VILKS

PROJECT NUMBER = 830045

SEISMIC RECORDS

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	SYSTEM / SOUND SOURCE
001	3240240	3241025	100' S.E.	1,2	SINGLE	ST. LAWRENCE AND GULF OF ST. LAWRENCE	EPC 4100	AGC SEISMICS SLEEVE GUN 40 C
002	3250220	3250935	100' S.E.	4	SINGLE	ST. LAWRENCE AND GULF OF ST. LAWRENCE	EPC 4100	AGC SEISMICS SLEEVE GUN 40 C
003	3251809	3270855	100' S.E.	5,6	SINGLE	ST. LAWRENCE AND GULF OF ST. LAWRENCE	EPC 4100	AGC SEISMICS SLEEVE GUN 40 C
004	3240240	3270855	NSRF EEL	1,2,3,4,5,6	SINGLE	ST. LAWRENCE AND GULF OF ST. LAWRENCE	EPC 4100	AGC SEISMICS SLEEVE GUN 40 C
005	3271950	3281120	100' S.E.	7,8	SINGLE	BAY OF CHALEUR	EPC 4100	AGC SEISMICS SLEEVE GUN 40 C
006	3271947	3281120	NSRF EEL	7,8	SINGLE	BAY OF CHALEUR	EPC 4100	AGC SEISMICS SLEEVE GUN 40 C
007	3320054	3370950	100' S.E.	10,12,14	SINGLE	GULF OF ST. LAWRENCE LAURENTIAN FAN	EPC 4100	AGC SEISMICS SLEEVE GUN 40 C
008	3380310	3381640	100' S.E.	15,15A	SINGLE	GULF OF ST. LAWRENCE LAURENTIAN FAN	EPC 4100	AGC SEISMICS SLEEVE GUN 40 C
009	3320100	3341605	NSRF EEL	10,11,12	SINGLE	LAURENTIAN FAN	EPC 4100	AGC SEISMICS SLEEVE GUN 40 C
010	3341613	3370950	NSRF EEL	12,14	SINGLE	LAURENTIAN FAN	EPC 4100	AGC SEISMICS SLEEVE GUN 40 C

ATLANTIC GEOSCIENCE CENTRE

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TABLE 6

CRUISE NUMBER = 90031

CHIEF SCIENTIST = G.VILKS

PROJECT NUMBER = 830045

SEISMIC RECORDS

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	SYSTEM / SOUND SOURCE
011	3380310	3381640	NSRF EEL	15,15A	SINGLE	LAURENTIAN FAN	EPC 4100	AGC SEISMICS SLEEVE GUN 40 C
012	3331733	3370950	100' S.E.	12,14	SINGLE	LAURENTION FAN	EPC 8700	AGC SEISMICS SLEEVE GUN 40 C
013	3380310	3381640	100' S.E.	15,15A	SINGLE	LAURENTIAN FAN	EPC 8700	AGC SEISMICS SLEEVE GUN 40 C

ATLANTIC GEOSCIENCE CENTRE

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TABLE 7

CRUISE NUMBER = 90031

CHIEF SCIENTIST = G.VILKS

PROJECT NUMBER = 830045

HUNTEC RECORDS

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	HUNTEC SYSTEM
01E	3240235	3250935	EXTERNAL	1,2,3,4	SINGLE	ST. LAWRENCE RIVER GULF OF ST. LAWRENCE	EPC 4100	HUNTEC DTS (AGC 3)
02E	3251810	3262355	EXTERNAL		SINGLE	ST. LAWRENCE RIVER GULF OF ST. LAWRENCE	EPC 4100	HUNTEC DTS (AGC 3)
03E	3270000	3270855	EXTERNAL		SINGLE	ST. LAWRENCE RIVER GULF OF ST. LAWRENCE	EPC 4100	HUNTEC DTS (AGC 3)
04E	3281110	3291040	EXTERNAL	8,9	SINGLE	GULF OF ST. LAWRENCE	EPC 4100	HUNTEC DTS (AGC 3)
01I	3240235	3250935	INTERNAL	1,2,3,4	SINGLE	ST. LAWRENCE RIVER GULF OF ST. LAWRENCE	EPC 4100	HUNTEC DTS (AGC 3)
02I	3251810	3270020	INTERNAL		SINGLE	ST. LAWRENCE RIVER GULF OF ST. LAWRENCE	EPC 4100	HUNTEC DTS (AGC 3)
03I	3270855	3281120	INTERNAL	6,7,8	SINGLE	ST. LAWRENCE RIVER GULF OF ST. LAWRENCE	EPC 4603	HUNTEC DTS (AGC 3)
04I	3290920	3291040	INTERNAL	9	SINGLE	GULF OF ST. LAWRENCE	EPC 4603	HUNTEC DTS (AGC 3)

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TABLE 8

CRUISE NUMBER = 90031

CHIEF SCIENTIST = G.VILKS

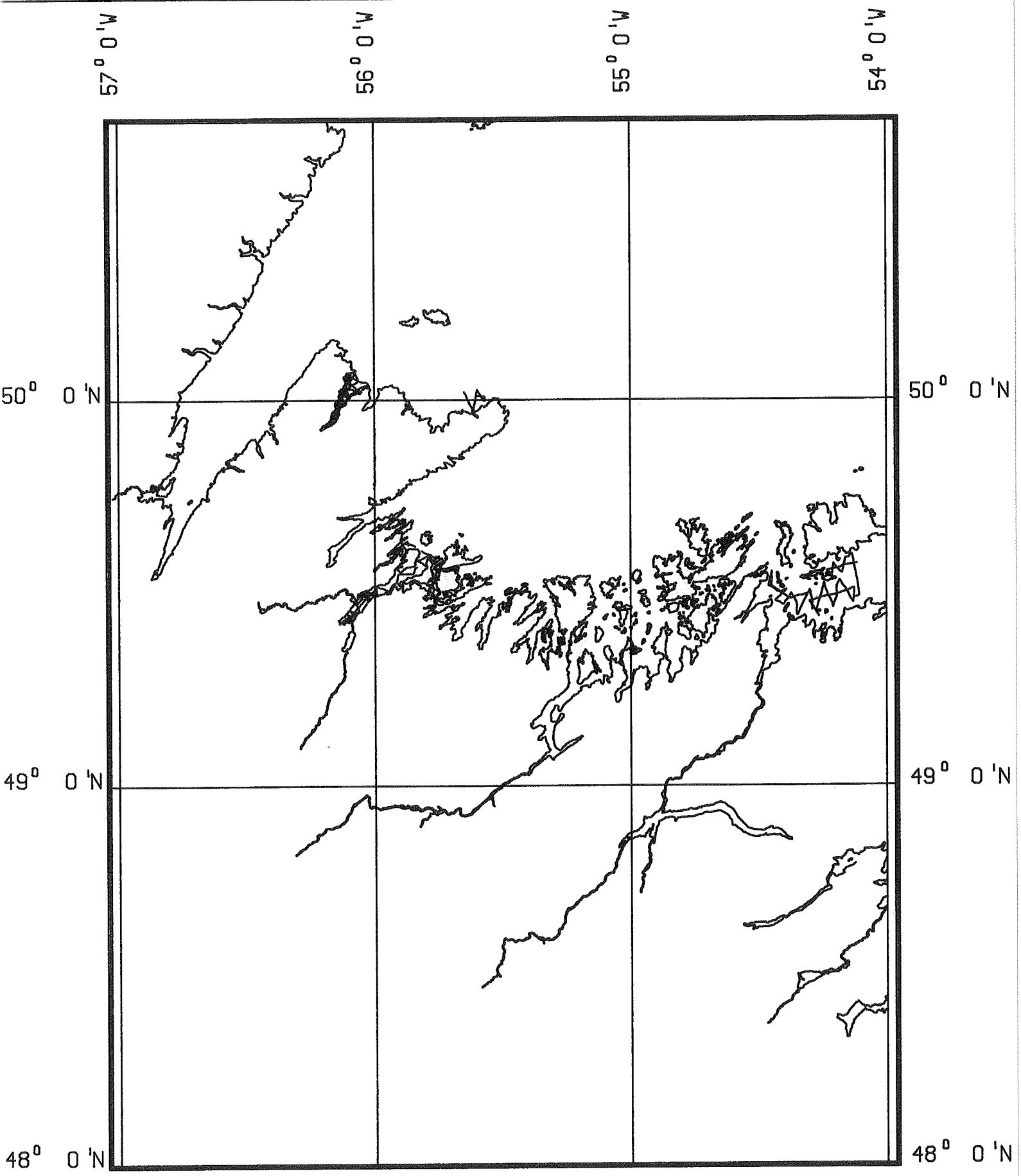
PROJECT NUMBER = 830045

3.5 KHZ RECORDS

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	LINE NUMBERS	GEOGRAPHIC LOCATION	RECORDER	SYSTEM / SOUND
001	3240210	3241335	1,2	UPPER ST. LAWRENCE ESTUARY	LSR	HULL MOUNTED
002	3241340	3260800	2,3,4,5	GULF OF ST. LAWRENCE	LSR	HULL MOUNTED
003	3260805	3271630	5,6	GULF OF ST. LAWRENCE	LSR	HULL MOUNTED
004	3271740	3281800	7,8	BAIE DE CHALEUR	LSR	HULL MOUNTED
005	3281805	3291320	8,9	GULF OF ST. LAWRENCE	LSR	HULL MOUNTED
006	3291335	3301915		GULF OF ST. LAWRENCE	LSR	HULL MOUNTED
007	3320026	3322005	10,11	CABOT STRAIT	LSR	HULL MOUNTED
008	3330015	3341730	12	LAURENTIAN CHANNEL	LSR	HULL MOUNTED
009	3341736	3370520	12,13,14	HERMITAGE CHANNEL	LSR	HULL MOUNTED
010	3370523	3381745	14,15,15A	SCOTIAN SHELF	LSR	HULL MOUNTED

90035

CRUISE TRACKS - 90035.
1:1,380,000 (MERCATOR, 50N)



ATLANTIC GEOSCIENCE CENTRE
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TABLE 5

SIDESCAN RECORDS

CRUISE NUMBER = 90035
CHIEF SCIENTIST = J. SHAW
PROJECT NUMBER = 90006

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	SIDESCAN SYSTEM
001	2111334	2112041	1 - 6	COMBINED	HAMILTON SOUND	KLEIN 595	595 (100/500 KHZ)
002	2112048	2132121	7 - 20	COMBINED	HAMILTON SOUND	KLEIN 595	595 (100/500 KHZ)
003	2171117	2171751	21 - 27	COMBINED	HAMILTON SOUND	KLEIN 595	595 (100/500 KHZ)
004	2191129	2191656	28 - 40	COMBINED	BAIE VERTE	KLEIN 595	595 (100\500 KHZ)
005	2191658	2192049	40 - 52	COMBINED	BAIE VERTE	KLEIN 595	595 (100/500 KHZ)
006	2201200	2201807	53 - 76	COMBINED	BAIE VERTE	KLEIN 595	595 (100/500 KHZ)
007	2201810	2201915	76 - 85	COMBINED	BAIE VERTE	KLEIN 595	595 (100/500 KHZ)
008	2221137	2221307	86 - 94	COMBINED	BAIE VERTE	KLEIN 595	595 (100/500 KHZ)
009	2231754	2232107	95 - 99	COMBINED	LA SCIE AREA	KLEIN 595	595 (100/500 KHZ)
010	2251130	2251740	100 - 116	COMBINED	HALLS BAY	KLEIN 595	595 (100/500 KHZ)
011	2261325	2261635	117 - 126	COMBINED	LITTLE BAY AREA	KLEIN 595	595 (100/500 KHZ)
012	2271257	2271742	135 - 152	COMBINED	HALLS BAY	KLEIN 595	595 (100/500 KHZ)
013	2281206	2281529	153 - 160	COMBINED	HALLS BAY	KLEIN 595	595 (100/500 KHZ)
014	2281531	2282305	161 - 166	COMBINED	HALLS BAY	KLEIN 595	595 (100/500 KHZ)

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TABLE 6

SEISMIC RECORDS

CRUISE NUMBER = 90035
CHIEF SCIENTIST = J. SHAW
PROJECT NUMBER = 90006

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	SYSTEM / SOUND SOURCE
001	2111330	2111625	INTERNAL	1 - 3	SINGLE	HAMILTON SOUND	EPC 1600	DATASONICS BUBBLE PULSER
002	2111627	2112120	INTERNAL	3 - 7	SINGLE	HAMILTON SOUND	EPC 1600	DATASONICS BUBBLE PULSER
003	2131222	2132121	INTERNAL	8 - 20	SINGLE	HAMILTON SOUND	EPC 1600	DATASONICS BUBBLE PULSER
004	2171224	2171751	INTERNAL	21 - 27	SINGLE	HAMILTON SOUND	EPC 1600	DATASONICS BUBBLE PULSER
005	2191127	2192050	INTERNAL	28 - 52	SINGLE	BAIE VERTE	EPC 1600	DATASONICS BUBBLE PULSER
006	2201159	2201915	INTERNAL	53 - 85	SINGLE	BAIE VERTE	EPC 1600	DATASONICS BUBBLE PULSER
007	2221137	2221306	INTERNAL	86 - 94	SINGLE	BAIE VERTE	EPC 1600	DATASONICS BUBBLE PULSER
008	2231753	2232103	INTERNAL	95 - 99	SINGLE	LA SCIE AREA	EPC 1600	DATASONICS BUBBLE PULSER
009	2251139	2251800	INTERNAL	100 - 116	SINGLE	HALLS BAY	EPC 1600	DATASONICS BUBBLE PULSER
010	2261330	2262147	INTERNAL	117 - 134	SINGLE	HAMILTON SOUND LITTLE BAY AREA -	EPC 1600	DATASONICS BUBBLE PULSER
011	2271221	2271742	INTERNAL	139 - 152	SINGLE	HALLS BAY	EPC 1600	DATASONICS BUBBLE PULSER
012	2281207	2281320	INTERNAL	153 - 155	SINGLE	HALLS BAY	EPC 1600	DATASONICS BUBBLE PULSER
013	2281324	2282305	INTERNAL	156 - 166	SINGLE	HALLS BAY	EPC 1600	DATASONICS BUBBLE PULSER
001	2111330	2112120	INTERNAL	1 - 7	SINGLE	HAMILTON SOUND	EPC 8700	SEISTEC BOOMER
002	2131216	2132121	INTERNAL	8 - 20	SINGLE	HAMILTON SOUND	EPC 8700	SEISTEC BOOMER
003	2171224	2171751	INTERNAL	21 - 27	SINGLE	HAMILTON SOUND	EPC 8700	SEISTEC BOOMER
004	2191127	2192050	INTERNAL	28 - 52	SINGLE	BAIE VERTE	EPC 8700	SEISTEC BOOMER

ATLANTIC GEOSCIENCE CENTRE
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TABLE 6

SEISMIC RECORDS

CRUISE NUMBER = 90035
CHIEF SCIENTIST = J. SHAW
PROJECT NUMBER = 90006

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	SYSTEM / SOUND SOURCE
005	2201202	2201915	INTERNAL	53 - 85	SINGLE	BAIE VERTE	EPC 8700	SEISTEC BOOMER
006	2221141	2221306	INTERNAL	86 - 94	SINGLE	BAIE VERTE	EPC 8700	SEISTEC BOOMER
007	2231754	2232103	INTERNAL	95 - 99	SINGLE	LA SCIE AREA	EPC 8700	SEISTEC BOOMER
008	2251200	2251800	INTERNAL	100 - 116	SINGLE	HALLS BAY	EPC 8700	SEISTEC BOOMER
009	2261326	2262148	INTERNAL	117 - 134	SINGLE	LITTLE BAY AREA - HALLS BAY	EPC 8700	SEISTEC BOOMER
010	2271221	2271428	INTERNAL	135 - 139	SINGLE	HALLS BAY	EPC 8700	SEISTEC BOOMER
011	2271429	2271742	INTERNAL	139 - 152	SINGLE	HALLS BAY	EPC 8700	SEISTEC BOOMER
012	2281205	2282305	INTERNAL	153 - 166	SINGLE	HALLS BAY	EPC 8700	SEISTEC BOOMER

ATLANTIC GEOSCIENCE CENTRE
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TABLE 7

SEISMICS/SIDESCAN COMBINED ON-LINE DATA TAPES

CRUISE NUMBER = 90035
CHIEF SCIENTIST = J. SHAW
PROJECT NUMBER = 90006

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
001	2111440	2111734	HAMILTON SOUND	1-B.P. RAW 8-SS TRIG 13-ID 2-B.P.-SEISTEC TRIG 9-ST SS 100 3-SEISTEC RAW 10-PT SS 500 7-PT SS 100 11-ST SS 500	
002	2111735	2112025	HAMILTON SOUND	1-B.P. RAW 8-SS TRIG 13-ID 2-B.P.-SEISTEC TRIG 9-ST SS 100 3-SEISTEC RAW 10-PT SS 500 7-PT SS 100 11-ST SS 500	
003	2112026	2131425	HAMILTON SOUND	1-B.P. RAW 8-SS TRIG 13-ID 2-B.P.-SEISTEC TRIG 9-ST SS 100 3-SEISTEC RAW 10-PT SS 500 7-PT SS 100 11-ST SS 500	
004	2131425	2131719	HAMILTON SOUND	1-B.P. RAW 8-SS TRIG 13-ID 2-B.P.-SEISTEC TRIG 9-ST SS 100 3-SEISTEC RAW 10-PT SS 500 7-PT SS 100 11-ST SS 500	
005	2131719	2132023	HAMILTON SOUND	1-B.P. RAW 8-SS TRIG 13-ID 2-B.P.-SEISTEC TRIG 9-ST SS 100 3-SEISTEC RAW 10-PT SS 500 7-PT SS 100 11-ST SS 500	
006	2132023	2171420	HAMILTON SOUND	1-B.P. RAW 8-SS TRIG 13-ID 2-B.P.-SEISTEC TRIG 9-ST SS 100 3-SEISTEC RAW 10-PT SS 500 7-PT SS 100 11-ST SS 500	
007	2171420	2171715	HAMILTON SOUND	1-B.P. RAW 8-SS TRIG 13-ID 2-B.P.-SEISTEC TRIG 9-ST SS 100 3-SEISTEC RAW 10-PT SS 500 7-PT SS 100 11-ST SS 500	
008	2171715	2191357	HAMILTON SOUND - BAIE VERTE	1-B.P. RAW 8-SS TRIG 13-ID 2-B.P.-SEISTEC TRIG 9-ST SS 100 3-SEISTEC RAW 10-PT SS 500 7-PT SS 100 11-ST SS 500	
009	2191357	2191820	BAIE VERTE	1-B.P. RAW 8-SS TRIG 13-ID 2-B.P.-SEISTEC TRIG 9-ST SS 100 3-SEISTEC RAW 10-PT SS 500 7-PT SS 100 11-ST SS 500	
010	2191820	2201221	BAIE VERTE	1-B.P. RAW 8-SS TRIG 13-ID 2-B.P.-SEISTEC TRIG 9-ST SS 100 3-SEISTEC RAW 10-PT SS 500 7-PT SS 100 11-ST SS 500	

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TABLE 7

SEISMICS/SIDESCAN COMBINED ON-LINE DATA TAPES

CRUISE NUMBER = 90035
CHIEF SCIENTIST = J. SHAW
PROJECT NUMBER = 90006

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO	NOTES
011	2201221	2201520	BAIE VERTE	1-B.P. RAW 2-B.P.-SEISTEC TRIG 3-SEISTEC RAW 7-PT SS 100 8-SS TRIG 9-ST SS 100 10-PT SS 500 11-ST SS 500 13-ID	
012	2201520	2201810	BAIE VERTE	1-B.P. RAW 2-B.P.-SEISTEC TRIG 3-SEISTEC RAW 7-PT SS 100 8-SS TRIG 9-ST SS 100 10-PT SS 500 11-ST SS 500 13-ID	
013	2201810	2221305	BAIE VERTE	1-B.P. RAW 2-B.P.-SEISTEC TRIG 3-SEISTEC RAW 7-PT SS 100 8-SS TRIG 9-ST SS 100 10-PT SS 500 11-ST SS 500 13-ID	
014	2231754	2232044	LA SCIE AREA	1-B.P. RAW 2-B.P.-SEISTEC TRIG 3-SEISTEC RAW 7-PT SS 100 8-SS TRIG 9-ST SS 100 10-PT SS 500 11-ST SS 500 13-ID	
015	2232044	2251444	LA SCIE AREA - HALLS BAY	1-B.P. RAW 2-B.P.-SEISTEC TRIG 3-SEISTEC RAW 7-PT SS 100 8-SS TRIG 9-ST SS 100 10-PT SS 500 11-ST SS 500 13-ID	
016	2251444	2251756	HALLS BAY	1-B.P. RAW 2-B.P.-SEISTEC TRIG 3-SEISTEC RAW 7-PT SS 100 8-SS TRIG 9-ST SS 100 10-PT SS 500 11-ST SS 500 13-ID	
017	2251756	2261611	HALLS BAY - LITTLE BAY AREA	1-B.P. RAW 2-B.P.-SEISTEC TRIG 3-SEISTEC RAW 7-PT SS 100 8-SS TRIG 9-ST SS 100 10-PT SS 500 11-ST SS 500 13-ID	
018	2261611	2262130	LITTLE BAY AREA - HALLS BAY	1-B.P. RAW 2-B.P.-SEISTEC TRIG 3-SEISTEC RAW 7-PT SS 100 8-SS TRIG 9-ST SS 100 10-PT SS 500 11-ST SS 500 13-ID	
019	2262130	2271447	HALLS BAY	1-B.P. RAW 2-B.P.-SEISTEC TRIG 3-SEISTEC RAW 7-PT SS 100 8-SS TRIG 9-ST SS 100 10-PT SS 500 11-ST SS 500 13-ID	
020	2271447	2271737	HALLS BAY	1-B.P. RAW 2-B.P.-SEISTEC TRIG 3-SEISTEC RAW 7-PT SS 100 8-SS TRIG 9-ST SS 100 10-PT SS 500 11-ST SS 500 13-ID	

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
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TABLE 7

SEISMICS/SIDESCAN COMBINED ON-LINE DATA TAPES

CRUISE NUMBER = 90035
CHIEF SCIENTIST = J. SHAW
PROJECT NUMBER = 90006

TAPE NUMBERS	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	CHANNEL INFO			NOTES
021	2271737	2281443	HALLS BAY	1-B.P. RAW	8-SS TRIG	13-ID	
				2-B.P.-SEISTEC TRIG	9-ST SS 100		
				3-SEISTEC RAW	10-PT SS 500		
				7-PT SS 100	11-ST SS 500		
022	2281443	2282305	HALLS BAY	1-B.P. RAW	8-SS TRIG	13-ID	
				2-B.P.-SEISTEC TRIG	9-ST SS 100		
				3-SEISTEC RAW	10-PT SS 500		
				7-PT SS 100	11-ST SS 500		

ATLANTIC GEOSCIENCE CENTRE
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TABLE 8

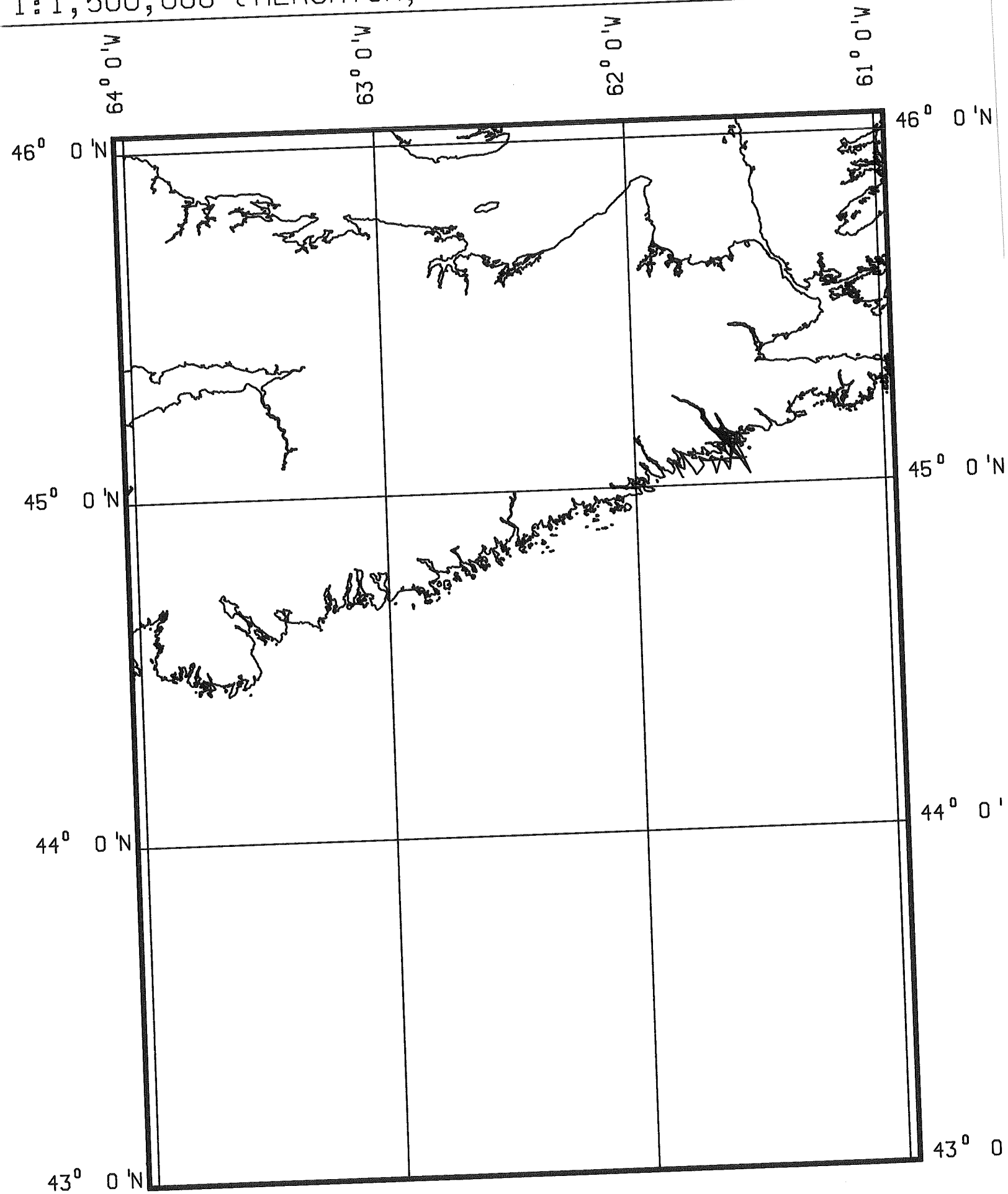
BATHYMETRY RECORDS

CRUISE NUMBER = 90035
CHIEF SCIENTIST = J. SHAW
PROJECT NUMBER = 90006

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	FREQUENCY	LINE NUMBERS	PARAMETER	GEOGRAPHIC LOCATION	RECORDER	NOTES
001	2111321	2171645	30 KHZ	1 - 27	30 KHZ	HAMILTON SOUND	ELAC	
002	2171647	2222023	30 KHZ	27 - 94	30 KHZ	HAMILTON SOUND - BAIE VERTE	ELAC	
003	2231140	2301422	30 KHZ	95 - 166	30 KHZ	BAIE VERTE - LA SCIE -HALLS BAY - LITTLE	ELAC	

90038

CRUISE TRACKS - 90038.
1:1,500,000 (MERCATOR, 45N)



ATLANTIC GEOSCIENCE CENTRE
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-FINS- REPORTING PACKAGE

TABLE 4

SEISMIC RECORDS

CRUISE NUMBER = 90038
CHIEF SCIENTIST = R.O. MILLER
PROJECT NUMBER = 870052

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	SYSTEM / SOUND SOURCE
001	2851218	2852043	EXTERNAL		SINGLE	COUNTRY HARBOUR AREA	EPC 8700	DATASONICS BUBBLE PULSER
002	2861219	2861854	EXTERNAL		SINGLE	COUNTRY HARBOUR AREA	EPC 8700	DATASONICS BUBBLE PULSER
003	2871251	2871927	EXTERNAL		SINGLE	COUNTRY HARBOUR AREA	EPC 8700	DATASONICS BUBBLE PULSER
004	2891225	2891414	EXTERNAL		SINGLE	COUNTRY HARBOUR AREA	EPC 8700	DATASONICS BUBBLE PULSER
005	2901334	2901624	EXTERNAL		SINGLE	COUNTRY HARBOUR AREA	EPC 8700	DATASONICS BUBBLE PULSER
006	2911527	2911824	EXTERNAL		SINGLE	COUNTRY HARBOUR AREA	EPC 8700	DATASONICS BUBBLE PULSER
007	2941233	2942009	EXTERNAL		SINGLE	COUNTRY HARBOUR AREA	EPC 8700	DATASONICS BUBBLE PULSER
008	2961456	2961703	EXTERNAL		SINGLE	COUNTRY HARBOUR AREA	EPC 8700	DATASONICS BUBBLE PULSER
001	2821630	2821832	INTERNAL		SINGLE	COUNTRY HARBOUR AREA	EPC 3200	SEISTEC BOOMER
002	2851219	2851357	INTERNAL		SINGLE	COUNTRY HARBOUR AREA	EPC 3200	SEISTEC BOOMER
003	2851359	2852043	INTERNAL		SINGLE	COUNTRY HARBOUR AREA	EPC 3200	SEISTEC BOOMER
004	2861220	2861853	INTERNAL		SINGLE	COUNTRY HARBOUR AREA	EPC 3200	SEISTEC BOOMER
005	2871252	2871928	INTERNAL		SINGLE	COUNTRY HARBOUR AREA	EPC 3200	SEISTEC BOOMER
006	2891235	2891414	INTERNAL		SINGLE	COUNTRY HARBOUR AREA	EPC 3200	SEISTEC BOOMER
007	2901334	2901624	INTERNAL		SINGLE	COUNTRY HARBOUR AREA	EPC 3200	SEISTEC BOOMER
008	2911527	2911823	INTERNAL		SINGLE	COUNTRY HARBOUR AREA	EPC 3200	SEISTEC BOOMER
009	2941236	2942009	INTERNAL		SINGLE	COUNTRY HARBOUR AREA	EPC 3200	SEISTEC BOOMER

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TABLE 4

SEISMIC RECORDS

CRUISE NUMBER = 90038
CHIEF SCIENTIST = R.O. MILLER
PROJECT NUMBER = 870052

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	SYSTEM / SOUND SOURCE
010	2961456	2961703	INTERNAL		SINGLE	COUNTRY HARBOUR AREA	EPC 3200	SEISTEC BOOMER

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
-FINS- REPORTING PACKAGE

TABLE 5

SIDESCAN RECORDS

CRUISE NUMBER = 90038
CHIEF SCIENTIST = R.O. MILLER
PROJECT NUMBER = 870052

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	LINE NUMBERS	RECORD TYPE	GEOGRAPHIC LOCATION	RECORDER	SIDESCAN SYSTEM
001	2821630	2821832		COMBINED	COUNTRY HARBOUR AREA	KLEIN 595	595 (100/500 KHZ)
002	2851218	2851523		COMBINED	COUNTRY HARBOUR AREA	KLEIN 595	595 (100/500 KHZ)
003	2851524	2851615		COMBINED	COUNTRY HARBOUR AREA	KLEIN 595	595 (100/500 KHZ)
004	2851618	2852046		COMBINED	COUNTRY HARBOUR AREA	KLEIN 595	595 (100/500 KHZ)
005	2861220	2861448		COMBINED	COUNTRY HARBOUR AREA	KLEIN 595	595 (100/500 KHZ)
006	2861451	2861853		COMBINED	COUNTRY HARBOUR AREA	KLEIN 595	595 (100/500 KHZ)
007	2871252	2871650		COMBINED	COUNTRY HARBOUR AREA	KLEIN 595	595 (100/500 KHZ)
008	2871653	2871930		COMBINED	COUNTRY HARBOUR AREA	KLEIN 595	595 (100/500 KHZ)
009	2891225	2891418		COMBINED	COUNTRY HARBOUR AREA	KLEIN 595	595 (100/500 KHZ)
010	2901335	2901626		COMBINED	COUNTRY HARBOUR AREA	KLEIN 595	595 (100/500 KHZ)
011	2911526	2911637		COMBINED	COUNTRY HARBOUR AREA	KLEIN 595	595 (100/500 KHZ)
012	2911640	2911825		COMBINED	COUNTRY HARBOUR AREA	KLEIN 595	595 (100/500 KHZ)
013	2941233	2942011		COMBINED	COUNTRY HARBOUR AREA	KLEIN 595	595 (100/500 KHZ)
014	2961455	2961552		COMBINED	COUNTRY HARBOUR AREA	KLEIN 595	595 (100/500 KHZ)
015	2961557	2961705		COMBINED	COUNTRY HARBOUR AREA	KLEIN 595	595 (100/500 KHZ)

ATLANTIC GEOSCIENCE CENTRE
DATA SECTION
-FINS- REPORTING PACKAGE

TABLE 6

BATHYMETRY RECORDS

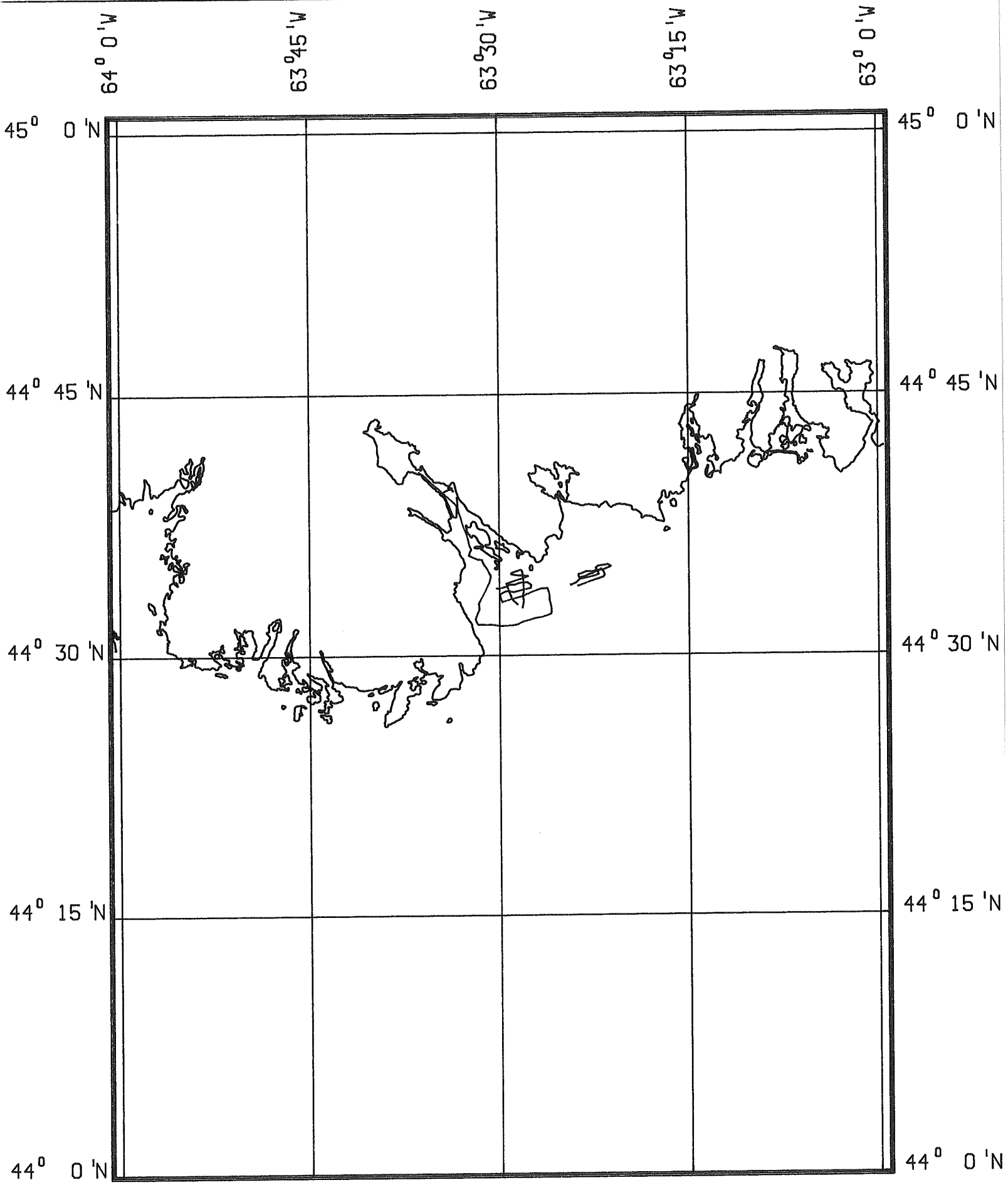
CRUISE NUMBER = 90038
CHIEF SCIENTIST = R.O. MILLER
PROJECT NUMBER = 870052

ROLL NUMBERS	START DAY/TIME	STOP DAY/TIME	FREQUENCY	LINE NUMBERS	PARAMETER	GEOGRAPHIC LOCATION	RECORDER	NOTES
001	2851210	2931912	30 KHZ		30 KHZ	COUNTRY HARBOUR AREA	ELAC	
002	2941231	2961732	30 KHZ		30 KHZ	COUNTRY HARBOUR AREA	ELAC	

+ Loran-C Navigation (Days 285 - 296) → in R768
(not signed out)

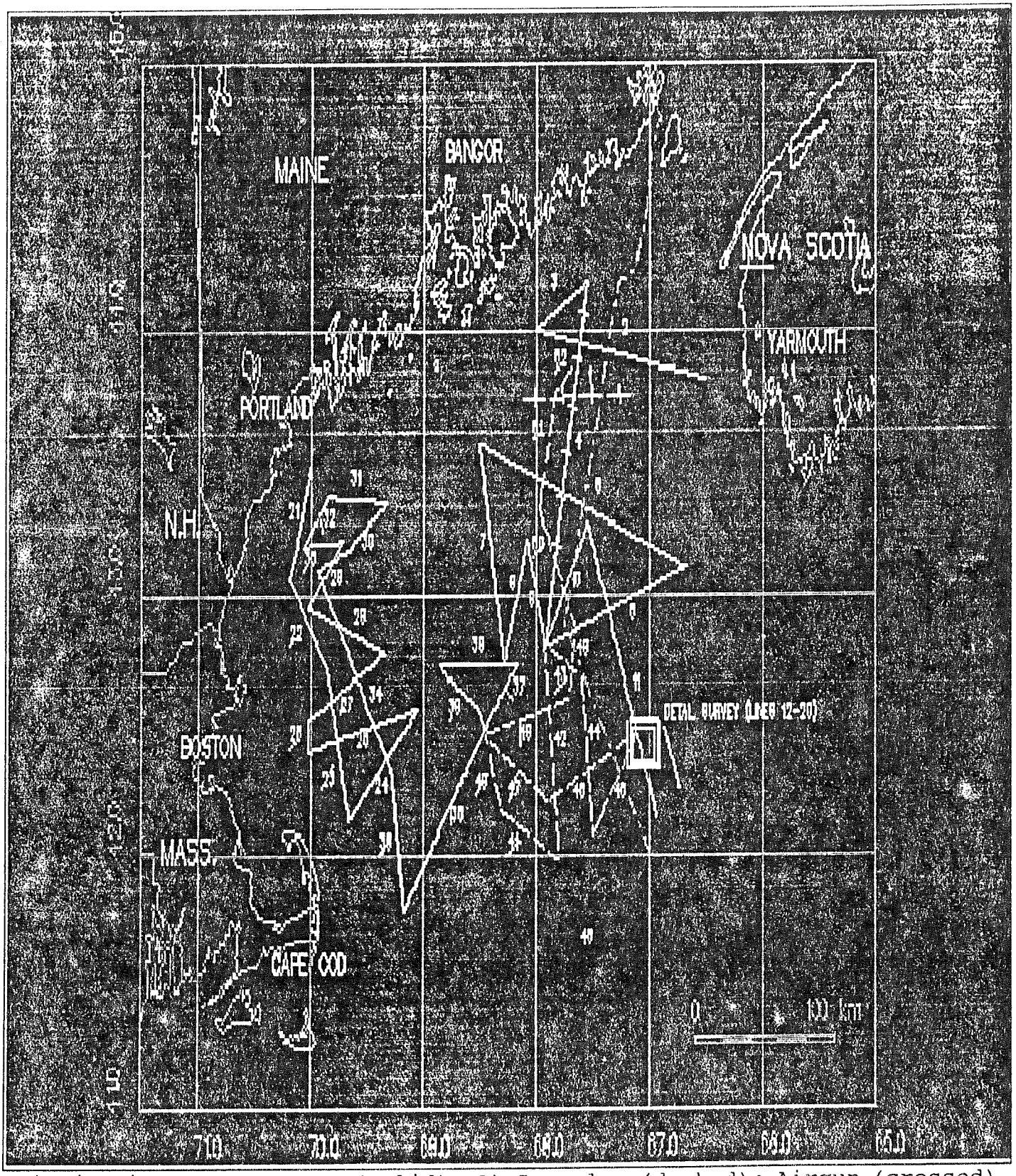
90301B

CRUISE TRACKS - 90301B.
1:500,000 (MERCATOR, 45N)



90500

90500



Seismic Lines - 1) Huntec (solid); 2) Geopulse (dashed); Airgun (crossed).

HUNTEC EXTERNAL RECORDS - CAPE HATTERAS (CH9010)

ROLL #	DATE	START TIME (EDT)	DATE	END TIME (EDT)	RECORDER	LINE #
1	07/24/90	1705	07/25/90	0238	EPC4100	JB-2
2	07/25/90	0240	07/25/90	2115	EPC4100	JB-2,3,4
3	07/25/90	2116	07/26/90	1801	EPC4100	JB-4,5
4	07/26/90	1801	07/27/90	0653	EPC4100	JB-5,6
5	07/27/90	2217	07/28/90	1648	EPC4100	JB-6,7
6	07/28/90	1708	07/29/90	1213	EPC4100	JB-8,9,10
7	07/29/90	1243	07/29/90	1724	EPC4100	GB-11,12
	07/29/90	2329	07/30/90	0958	EPC4100	
8	07/30/90	1200	07/30/90	1531	EPC4100	GB-13 to 18
9	07/30/90	1531	07/30/90	1632	EPC4100	GB-18,19,20
	07/30/90	2215	07/31/90	0054	EPC4100	
10	08/01/90	1050	08/02/90	0140	EPC4100	WB-21,22,23
11	08/02/90	0148	08/02/90	1138	EPC4100	WB-23,24
12	08/02/90	1138	08/02/90	2013	EPC4100	WB-24,25
13	08/02/90	2013	08/03/90	1419	EPC4100	WB-25 to 28
14	08/03/90	2054	08/04/90	0400	EPC4100	WB-29,30
15	08/04/90	1245	08/04/90	2206	EPC4100	WB-31,32,33
16	08/04/90	2206	08/05/90	0816	EPC4100	WB-33,34
17	08/05/90	1106	08/05/90	1822	EPC4100	WB-34,35
18	08/05/90	2206	08/06/90	1025	EPC4100	WB-35,36
19	08/06/90	1026	08/06/90	1511	EPC4100	RB-37,38
20	08/06/90	1517	08/06/90	2217	EPC4100	RB-38,39,40
	08/07/90	0352	08/07/90	0427	EPC4100	

HUNTEC INTERNAL RECORDS - CAPE HATTERAS (CH9010)

ROLL #	DATE	START TIME (EDT)	DATE	END TIME (EDT)	RECORDER	LINE #
1	07/24/90	1650	07/25/90	0315	EPC4100	JB-2
2	07/25/90	0318	07/25/90	2157	EPC4100	JB-2,3,4
3	07/25/90	2201	07/26/90	1706	EPC4100	JB-4
4	07/26/90	1706	07/27/90	0647	EPC4100	JB-5,6
5	07/27/90	2217	07/28/90	1650	EPC4100	JB-6,7
6	07/28/90	1708	07/29/90	1213	EPC4100	JB-8,9,10
7	07/29/90	1223	07/29/90	1724	EPC4100	GB-11
	07/29/90	2329	07/30/90	0958	EPC4100	
8	07/30/90	1200	07/30/90	1358	EPC4100	GB-12 to 15
9	07/30/90	1358	07/30/90	1632	EPC4100	GB-15 to 20
	07/30/90	2215	07/31/90	0054	EPC4100	
10	08/01/90	1050	08/02/90	0028	EPC4100	WB-21,22,23
11	08/02/90	0038	08/02/90	1345	EPC4100	WB-23,24
12	08/02/90	1348	08/02/90	1940	EPC4100	WB-24,25
13	08/02/90	1944	08/03/90	1424	EPC4100	WB-25 to 28
14	08/03/90	2054	08/04/90	0404	EPC4100	WB-29,30
15	08/04/90	1240	08/04/90	2312	EPC4100	WB-31,32,33
16	08/04/90	2326	08/05/90	0817	EPC4100	WB-33,34
17	08/05/90	1106	08/05/90	2158	EPC4100	WB-35
18	08/05/90	2206	08/06/90	1025	EPC4100	WB-35,36
19	08/06/90	1026	08/06/90	1511	EPC4100	RB-37,38
20	08/06/90	1517	08/06/90	2217	EPC4100	RB-38,39,40
	08/07/90	0352	08/07/90	0427	EPC4100	

GEOPULSE HIGH FREQUENCY RECORDS - CAPE HATTERAS (CH9010)

ROLL #	DATE	START TIME (EDT)	DATE	END TIME (EDT)	RECORDER	LINE #
1	08/07/90	0600	08/07/90	1330	EPC3200	
2	08/07/90	1333	08/08/90	1500	EPC3200	RB-41, GB-42 to 45
3	08/08/90	1500	08/09/90	0630	EPC3200	GB-45,46,47
	08/09/90	1057	08/10/90	0640	EPC3200	GB-48 to 51
4	08/10/90	0645	08/07/90		EPC3200	GB-51

GEOPULSE LOW FREQUENCY RECORDS - CAPE HATTERAS (CH9010)

ROLL #	DATE	START TIME (EDT)	DATE	END TIME (EDT)	RECORDER LINE #
1	08/07/90	0600	08/08/90	0400	EPC1600 RB-40,41; GB-42,43
2	08/08/90	0408	08/09/90	0630	EPC1600 GB-44 TO 47
	08/09/90	1057	08/09/90	2200	EPC1600 GB-49,50
3	08/09/90	2200			EPC1600 GB-50,51,52

AIRGUN 5 in3 RECORDS - CAPE HATTERAS (CH9010)

ROLL #	DATE	START TIME (EDT)	DATE	END TIME (EDT)	RECORDER LINE #
1	07/23/90	1615	07/23/90	2300	EPC4800 JB-1
2	07/25/90	1150	07/26/90	0404	EPC4800 JB-4

CAPE HATTERAS (CH9010) - SOUNDER RECORDS (3.5 AND 12 kHz)

ROLL #	SOUNDER	DATE	START TIME (EDT)	DATE	END TIME (EDT)	RECORDER	LINE
1a	3.5 kHz	07/23/90	1055	07/23/90	2300	EPC3200	JB-1
1b	12.0 kHz	07/24/90	1715	07/25/90	1215	EPC3200	JB-2,3
2	3.5 kHz	07/27/90	0700	07/27/90	1200	EPC3200	CORE
2a	12.0 kHz	07/25/90	1235	07/27/90	0645	EPC3200	JB-4 to 6
2b	3.5 kHz	07/27/90	1258	07/27/90	2207	EPC3200	CORES
	12.0 kHz	07/27/90	2213	07/29/90	1200	EPC3200	JB-6 to 10
3	12.0 kHz	07/29/90	1200	07/29/90	1735	EPC3200	JB-10, GB-11
	3.5 kHz	07/29/90	1735	07/29/90	2318	EPC3200	CORES
	12.0 kHz	07/29/90	2318	07/30/90	1621	EPC3200	GB-11 to 19
	3.5 kHz	07/30/90	1630	07/30/90	2210	EPC3200	CORES
	12.0 kHz	07/30/90	2210	07/31/90	0100	EPC3200	GB-20
	12.0 kHz	08/01/90	1045	08/01/90	1930	EPC3200	WB-21,22
4	12.0 kHz	08/01/90	1945	08/03/90	1515	EPC3200	WB-22 to 28
	3.5 kHz	08/03/90	1515	08/03/90	1725	EPC3200	WB28, CORES
5	3.5 kHz	08/03/90	1730	08/03/90	2100	EPC3200	CORES
	12.0 kHz	08/03/90	2100	08/04/90	0405	EPC3200	WB-29, 30
	3.5 kHz	08/04/90	0413	08/04/90	0613	EPC3200	CORES
	3.5 kHz	08/04/90	0907	08/04/90	1119	EPC3200	CORES
	12.0 kHz	08/04/90	1247	08/05/90	0820	EPC3200	WB-31 to 34
	3.5 kHz	08/05/90	0830	08/05/90	1105	EPC3200	CORES
	12.0 kHz	08/05/90	1110	08/05/90	2116	EPC3200	WB-34, 35
6	12.0 kHz	08/05/90	2131	08/06/90	2220	EPC3200	WB-35,36;RB-37 to 39
	3.5 kHz	08/06/90	2226	08/07/90	0200	EPC3200	CORES
	12.0 kHz	08/07/90	0205	08/07/90	0643	EPC3200	RB-40
	12.0 kHz	08/07/90	0645	08/07/90	1115	EPC3200	

SEISMIC TAPES - CAPE HATTERAS (CH9010)

DATE	JULIAN DATE	TAPE #	START TIME	END TIME	SYSTEM SOURCE	LINE NUMBER
7/23/90	204	1	1715	1917	AIRGUN 5IN3	JB-01
		2	1917	2051	AIRGUN 5IN3	
		3	2051	2225	AIRGUN 5IN3	
		4	2225	2300	AIRGUN 5IN3	
7/24/90	205	4	1715	1802	HUNTEC INTERNAL	JB-02
		5	1802	1937	HUNTEC INTERNAL	
		6	1937	2110	HUNTEC INTERNAL	
		7	2110	2244	HUNTEC INTERNAL	
		8	2244	0018	HUNTEC INTERNAL	
7/25/90	206	9	0018	0150	HUNTEC INTERNAL	
		10	0150	0326	HUNTEC INTERNAL	
		11	0326	0500	HUNTEC INTERNAL	
		12	0500	0634	HUNTEC INTERNAL	
		13	0634	0808	HUNTEC INTERNAL	JB-03
		14	0808	0942	HUNTEC INTERNAL	
		15	0942	1115	HUNTEC INTERNAL	
		16	1115	1250	HUNTEC INTERNAL	
		17	1250	1423	HUNTEC INTERNAL	JB-04
		18	1423	1557	HUNTEC INTERNAL	
		19	1557	1727	HUNTEC INTERNAL	
		20	1727	1905	HUNTEC INTERNAL	
		21	1905	2125	HUNTEC INTERNAL	
		22	2125	2212	HUNTEC INTERNAL	
		23	2212	2346	HUNTEC INTERNAL	
		24	2346	0120	HUNTEC INTERNAL	
7/25/90		A1	1301	1433	AIRGUN 5IN3	JB-04
		A2	1433	1608	AIRGUN 5IN3	
		A3	1608	1730	AIRGUN 5IN3	
		A4	1730	1911	AIRGUN 5IN3	
		A5	1911	2043	AIRGUN 5IN3	
		A6	2043	2215	AIRGUN 5IN3	
		A7	2215	2347	AIRGUN 5IN3	
		A8	2347	0119	AIRGUN 5IN3	
7/26/90	207	25	0120	0254	HUNTEC INTERNAL	JB-04
		26	0254	0429	HUNTEC INTERNAL	
		27	0429	0603	HUNTEC INTERNAL	
		28	0603	0737	HUNTEC INTERNAL	JB-05
		29	0737	0910	HUNTEC INTERNAL	
		30	0910	1045	HUNTEC INTERNAL	
		31	1045	1218	HUNTEC INTERNAL	
		32	1218	1351	HUNTEC INTERNAL	
		33	1351	1525	HUNTEC INTERNAL	
		34	1525	1700	HUNTEC INTERNAL	
		35	1700	1835	HUNTEC INTERNAL	
		36	1835	2055	HUNTEC INTERNAL	JB-06
		37	2055	2142	HUNTEC INTERNAL	
		38	2142	2315	HUNTEC INTERNAL	
		39	2315	0049	HUNTEC INTERNAL	
7/26/90		A9	0119	0251	AIRGUN 5IN3	JB-04
		A10	0251	0404	AIRGUN 5IN3	
7/27/90	208	40	0049	0223	HUNTEC INTERNAL	JB-06
		41	0223	0356	HUNTEC INTERNAL	
		42	0356	0531	HUNTEC INTERNAL	
		43	0531	0637	HUNTEC INNTERNAL	
		45	2353	0126	HUNTEC INTERNAL	
		44	2219	2353	HUNTEC INTERNAL	

7/28/90	209	46	0126	0301	HUNTEC INTERNAL	
		47	0301	0436	HUNTEC INTERNAL	
		48	0436	0610	HUNTEC INTERNAL	JB-7
		49	0610	0742	HUNTEC INTERNAL	
		50	0742	0916	HUNTEC INTERNAL	
		51	0916	1050	HUNTEC INTERNAL	
		52	1050	1223	HUNTEC INTERNAL	
		53	1223	1357	HUNTEC INTERNAL	
		54	1357	1531	HUNTEC INTERNAL	
		55	1531	1720	HUNTEC INTERNAL	JB-8
		56	1720	1850	HUNTEC INTERNAL	
		57	1850	2027	HUNTEC INTERNAL	
		58	2027	2158	HUNTEC INTERNAL	
		59	2158	2336	HUNTEC INTERNAL	
		60	2336	0109	HUNTEC INTERNAL	JB-9
7/29/90	210	61	0109	0243	HUNTEC INTERNAL	
		62	0243	0417	HUNTEC INTERNAL	
		63	0417	0550	HUNTEC INTERNAL	JB-10
		64	0550	0725	HUNTEC INTERNAL	
		65	0725	0858	HUNTEC INTERNAL	
		66	0858	1032	HUNTEC INTERNAL	
		67	1032	1206	HUNTEC INTERNAL	
		68	1206	1337	HUNTEC INTERNAL	GB-11
		69	1337	1513	HUNTEC INTERNAL	
		70	1513	1646	HUNTEC INTERNAL	
		71	1646	1725	HUNTEC INTERNAL	
			2347	0033	HUNTEC INTERNAL	
7/30/90	211	72	0033	0207	HUNTEC INTERNAL	
		73	0207	0350	HUNTEC INTERNAL	
		74	0350	0524	HUNTEC INTERNAL	
		75	0524	0658	HUNTEC INTERNAL	
		76	0658	0836	HUNTEC INTERNAL	
		77	0836	1003	HUNTEC INTERNAL	GB-12
		78	1201	1331	HUNTEC INTERNAL	GB-13,14
		79	1415	1553	HUNTEC INTERNAL	GB-16,17,18,19
		80	1553	1620	HUNTEC INTERNAL	GB-19,20
			2211	2315	HUNTEC INTERNAL	
		81	2315	0051	HUNTEC INTERNAL	GB-20
7/31/90	212		NO DATA			
8/1/90	213	83	1213	1355	HUNTEC INTERNAL	WB-21
		84	1355	1531	HUNTEC INTERNAL	
		85	1531	1705	HUNTEC INTERNAL	WB-22
		86	1705	1838	HUNTEC INTERNAL	
		87	1838	2020	HUNTEC INTERNAL	
		88	2020	2153	HUNTEC INTERNAL	
		89	2153	2326	HUNTEC INTERNAL	WB-23
		90	2326	0059	HUNTEC INTERNAL	
8/2/90	214	91	0059	0234	HUNTEC INTERNAL	
		92	0234	0408	HUNTEC INTERNAL	
		93	0408	0542	HUNTEC INTERNAL	WB-24
		94	0542	0715	HUNTEC INTERNAL	
		95	0715	0849	HUNTEC INTERNAL	
		96	0849	1030	HUNTEC INTERNAL	
		97	1030	1157	HUNTEC INTERNAL	
		98	1157	1331	HUNTEC INTERNAL	
		99	1331	1504	HUNTEC INTERNAL	WB-25
		100	1504	1638	HUNTEC INTERNAL	
		101	1638	1859	HUNTEC INTERNAL	

		102	1859	1945	HUNTEC INTERNAL	
		103	1945	2119	HUNTEC INTERNAL	
		104	2119	2253	HUNTEC INTERNAL	WB-26
		105	2253	0028	HUNTEC INTERNAL	
8/3/90	215	106	0028	0202	HUNTEC INTERNAL	WB-27
		107	0202	0337	HUNTEC INTERNAL	
		108	0337	0511	HUNTEC INTERNAL	
		109	0511	0645	HUNTEC INTERNAL	
		110	0645	0819	HUNTEC INTERNAL	
		111	0819	0952	HUNTEC INTERNAL	WB-28
		112	0952	1127	HUNTEC INTERNAL	
		113	1127	1300	HUNTEC INTERNAL	
		114	1300	2055	HUNTEC INTERNAL	
		115	2055	2232	HUNTEC INTERNAL	WB-29
		116	2232	0007	HUNTEC INTERNAL	
8/4/90	216	117	0007	0140	HUNTEC INTERNAL	WB-30
		118	0140	0314	HUNTEC INTERNAL	
		119	0314	0406	HUNTEC INTERNAL	WB-31
			1247	1333	HUNTEC INTERNAL	
		120	1333	1507	HUNTEC INTERNAL	
		121	1507	1640	HUNTEC INTERNAL	WB-32
		122	1640	1813	HUNTEC INTERNAL	
		123	1813	1947	HUNTEC INTERNAL	
		124	1947	2121	HUNTEC INTERNAL	WB-33
		125	2121	2255	HUNTEC INTERNAL	
		126	2255	0029	HUNTEC INTERNAL	
8/5/90	217	127	0029	0202	HUNTEC INTERNAL	
		128	0202	0336	HUNTEC INTERNAL	WB-34
		129	0336	0510	HUNTEC INTERNAL	
		130	0510	0644	HUNTEC INTERNAL	
		131	0644	0817	HUNTEC INTERNAL	
		132	1142	1245	HUNTEC INTERNAL	
		133	1245	1418	HUNTEC INTERNAL	
		134	1418	1552	HUNTEC INTERNAL	
		135	1552	1726	HUNTEC INTERNAL	WB-35
		136	1726	1900	HUNTEC INTERNAL	
		137	1900	2033	HUNTEC INTERNAL	
		138	2033	2207	HUNTEC INTERNAL	
		139	2207	2340	HUNTEC INTERNAL	WB-36
		140	2340	0114	HUNTEC INTERNAL	
8/6/90	218	141	0114	0248	HUNTEC INTERNAL	
		142	0248	0421	HUNTEC INTERNAL	
		143	0421	0603	HUNTEC INTERNAL	
		144	0603	0736	HUNTEC INTERNAL	
		145	0736	0913	HUNTEC INTERNAL	
		146	0913	1046	HUNTEC INTERNAL	RB-37
		147	1046	1220	HUNTEC INTERNAL	RB-38
		148	1220	1354	HUNTEC INTERNAL	
		149	1354	1527	HUNTEC INTERNAL	
		150	1527	1701	HUNTEC INTERNAL	
		151	1701	1836	HUNTEC INTERNAL	RB-39
		152	1836	2009	HUNTEC INTERNAL	
		153	2009	2143	HUNTEC INTERNAL	RB-40
		154	2143	2203	HUNTEC INTERNAL	
8/7/90	219	155	0415	0430	HUNTEC INTERNAL	
			0532	0700	GEOPULSE	
		156	0701	0835	GEOPULSE	
		157	0835	1008	GEOPULSE	RB-41
		158	1008	1142	GEOPULSE	
		159	1142	1315	GEOPULSE	

		160	1315	1449	GEOPULSE	
		161	1449	1622	GEOPULSE	
		162	1622	1756	GEOPULSE	GB-42
		163	1756	1929	GEOPULSE	
		164	1929	2104	GEOPULSE	
		165	2104	2238	GEOPULSE	
		166	2238	0012	GEOPULSE	
8/8/90	220	167	0012	0145	GEOPULSE	GB-43
		168	0145	0319	GEOPULSE	
		169	0319	0453	GEOPULSE	GB-44
		170	0453	0627	GEOPULSE	
		171	0627	0801	GEOPULSE	
		172	0801	0935	GEOPULSE	
		173	0935	1108	GEOPULSE	
		174	1108	1154	GEOPULSE	GB-45
			1215	1303	GEOPULSE	
		175	1303	1437	GEOPULSE	
		176	1437	1610	GEOPULSE	
		177	1610	1752	GEOPULSE	GB-46
		178	1752	1926	GEOPULSE	
		179	1926	2100	GEOPULSE	
		180	2100	2233	GEOPULSE	
		181	2233	0006	GEOPULSE	
8/9/90	221	182	0006	0140	GEOPULSE	GB-47
		183	0140	0314	GEOPULSE	
		184	0314	0446	GEOPULSE	
		185	0446	0622	GEOPULSE	
		186	0622	0703	GEOPULSE	
			1057	1150	GEOPULSE	GB-48
		187	1150	1325	GEOPULSE	
		188	1325	1458	GEOPULSE	GB-49
		189	1458	1631	GEOPULSE	
		190	1631	1805	GEOPULSE	
		191	1805	1938	GEOPULSE	
		192	1938	2132	GEOPULSE	JB-50
		193	2132	2305	GEOPULSE	
		194	2305	0039	GEOPULSE	
8/10/90	222	195	0039	0212	GEOPULSE	
		196	0212	0346	GEOPULSE	JB-51
		197	0346	0520	GEOPULSE	
		198	0520	0655	GEOPULSE	
		199	0655	0827	GEOPULSE	
		200	0827	1001	GEOPULSE	
		201	1001		GEOPULSE	