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GSC OPEN FILE REPORT # 2281

**ATLANTIC GEOSCIENCE CENTRE
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**AN INDEX TO SAMPLES AND GEO-
PHYSICAL RECORDS COLLECTED BY THE
ATLANTIC GEOSCIENCE CENTRE FOR
FISCAL YEAR 1989-1990**

**GSC Project 303067
Compiled by: I.A. Hardy, D. Beaver and
S. Merchant**

*****Geological Survey of Canada Contribution No.**

Abstract

Since the 1960's the Atlantic Geoscience Centre (AGC), at the Bedford Institute of Oceanography (BIO) has been responsible for providing and assisting with the procurement and curation of dredge, grab, core and other marine geological samples together with the archival, operational and historical recordings that are routinely collected onboard government oceanographic/hydrographic survey vessels off the East Coast of Canada, the high Arctic and from Geological Survey of Canada (GSC) field parties conducted by AGC each year.

These collections of the GSC constitute a fundamental resource for future geoscientific research in Canada and are permanently curated and maintained by the Data Section of the Program Support Subdivision (PSS), AGC.

During 1989/90, 11 offshore sampling and 1 onshore field programs collected samples from more than 867 stations with an estimated recovery of more than 430 meters of marine sediments, together with 12,000 line kilometers of multichannel seismic, deep penetration seismic and high resolution seismic reflection, sonobuoy refraction, gravity, magnetic, sidescan sonar and bathymetry records.

Seagoing programs were greatly reduced this field season due to a mid-life refit for the CSS Hudson.

To access and determine the location of these holdings a Sample Management System on the BIO CDC Cyber 840 mainframe using System 2000 DBMS, provides direct access to storage location, procurement sampling history and processing of obtained samples. Plots of the geographic location of these samples obtained during the 1989/90 field season are included at varying scales. Record information is managed on micro computer based software for handling day-to-day enquiries, inventory file/record control and preparation for eventual conversion to 35 mm microfilm for GSC Open File release. The multiparameter (cruise navigation) data base also in System 2000 DBMS, includes all navigation fixes for this field season's cruises conducting gravity, magnetics, deep seismic

reflection, shallow resolution seismic reflection or sidescan sonar reflection studies. These data bases are presently being prepared for conversion to relational data bases using ORACLE.

INTRODUCTION

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 kilometers. This report provides an index to those records and samples collected onboard oceanographic vessels, from onshore field parties, as well as joint sampling programs conducted by or for AGC staff during the 1989/90 field season. This is the sixth index since 1984 summarizing the field acquisitions to be used by the scientific community, educational institutions, associations and industry.

1989/90 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 Services

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 submitted to the Data Section Curation group upon termination of AGC field programs or cruises. This data is checked and verified upon receipt of individual samples and corresponding acoustic records/tapes for proper curation and archiving once onshore at BIO and includes: location of sample, collector and vessel, geographic area, longitude and latitude, GSC Project number, water depth (m), total length (cm) and Julian day/time of collection. Record information also includes Julian day together with start and end time of collection, line number, tape number and recorder type. The purpose of each individual field program has also been included for reference in Appendix I. Sample

data has been compiled on a Sample Management System, SID (Sample Information/Site Specific) data base on the BIO Cyber 840 mainframe using System 2000. Sample data includes visual descriptions, subsample and analyses history and corresponding publications of results. DBase III plus IV software for use in the field since 1986 has permitted direct reporting while in the field (FINS Data Base) of sample procurement, sampling history/processing and storage. A similar system, Shipboard dBase Inventory, is utilized in the downloading of the record/tape/log/navigation data for all analog tapes, catalogues/indices and records obtained during field reconnaissance programs. Appendix II outlines the data recorded for each sample entry in the Sample Information Data base (SID). Sample entries for 1989/90 have been ordered by cruise number, while field programs are in alphanumeric order. More than 35 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 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.

The record/log/navigation dBase format is similar to other AGC Curation databases. It contains listings and locations for all analog tapes, catalogues/indices and records. All collected seismic/analog records have been or are being prepared for conversion to 35 mm microfilm for GSC Open File timed release. Most catalogues, indices and cruise reports have been prepared for microfiching. Appendix III outlines the data that has been recorded for all acquired 1989/90 record holdings. The data is ordered by cruise number, Senior Scientist, geographic area, year, data type and contains tape number, day/time, type, fix number, line number, inventory box number as well as a description field.

All curation data is routinely updated from the time of initial data entry. In general, all processing and subsampling of curated sediment holdings must be approved prior to accessing the sample

material. Record data is similarly 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 sample and record availability should be directed to the Director, Atlantic Geoscience Centre, Bedford Institute of Oceanography, P.O. Box 1006, Dartmouth, Nova Scotia, Canada, B2Y 4A2. Plots of the samples and record locations within specified boundaries can also be directed to the Data Management Section (PSS), Atlantic Geoscience Centre, at the above address or phone (902) 426-3410.

APPENDIX I

Cruise Number	Vessel	Chief Scientist	Dates	Cruise Purpose
89001	CSS Dawson	C. Amos EMG, AGC	April 4, 1989 - April 18, 1989	Investigate sediment stability and transport on Georges Bank
89006	CSS Dawson	G. Vilks EMG, AGC	May 20, 1989 - May 31, 1989	Leg 1 - To study glacial and post-glacial sedimentary sequences in Esquiman, Anticosti and parts of Laurentian Channel, Gulf of St. Lawrence
89007	CSS Dawson	B. MacLean EMG, AGC	June 1, 1989 - June 18, 1989	Leg 2 - Obtain bedrock samples from Anticosti and Esquiman Channels by drilling submarine outcrops.
89008	CSS Baffin	H. Josenhans EMG, AGC	May 25, 1989 - June 19, 1989	Phase 1 - To provide regional seismic coverage of Gulf of St. Lawrence to understand regional surficial and bedrock geology
		R. Parrott EMG, AGC	June 19, 1989 - June 23, 1989	Phase 2 - Joint project with Defense Research to calculate sound speed in near surface sediments; to calculate physical/acoustic properties
89009	FRV Navicula	R.O. Miller EMG, AGC	May 25, 1989 - June 16, 1989	To support nearshore regional geological mapping. Phase A - Halifax Harbour Phase B - Scotts Bay Phase C - Pubnico
89014	CSS Baffin	B. Long INRS - Quebec	July 14, 1989 - July 20, 1989	Environmental assessment Kenamu Delta, SE Lake Melville
89026	FRV Navicula	J. Shaw EMG, AGC	Sept. 20, 1989 - Oct. 18, 1989	To map inner shelf Northern Placentia Bay; survey Long Harbour, map Mortier Bay and survey White Bear Bay
89031	CSS Baffin	B.D. Loncarevic RR, AGC	Oct. 16, 1989 - Nov. 11, 1989	Standard navigational charting, geoscience mapping, and Loran-C lattice calibration
89038	CSS Hudson	K. Moran EMG, AGC	Feb. 19, 1990 - March 9, 1990	Investigate high sedimentation rates at important paleoceanographic sites in North Atlantic on Bermuda Rise and to collect piston cores in the vicinity of DSDP sites.
89039	CSS Hudson	C. Amos EMG, AGC	March 18, 1990 - March 30, 1990	To monitor sediment transport at a number of sites on Sable Island Bank, to calibrate AGC sediment transport model and to provide a data set of sediment stability to industry.
89200	Ice Island Platform	P. Mudie EMG, AGC	April - May, 1990	Fifth summer field program of Ice Island geological sampling, Southern Peary Channel between Ellef Rignes Island and Norwegian Bay.
89302	HMCS Cormorant	D. Forbes EMG, AGC	April 1989	Coastal surveys and mapping, N.S.

SELECTED REFERENCES

B. Long and Paradis, J.-F., 1989. Report of CSS Baffin Cruise 89014, Lake Melville, Labrador, Hamilton Inlet and Kenamu Delta for Jacques Locat, LAVAL; Groupe de Recherche en Géologie de Ingénieur Rapport GGL 89-21, LAVAL, Quebec, 41 p.

Miller, R. O., Fader, G. B. J. and Buckley, D. E., 1989. Cruise Report 89-009 Phase A - Halifax Inlet, F.R.V. Navicula, GSC Open File Report 2242, 66 p.

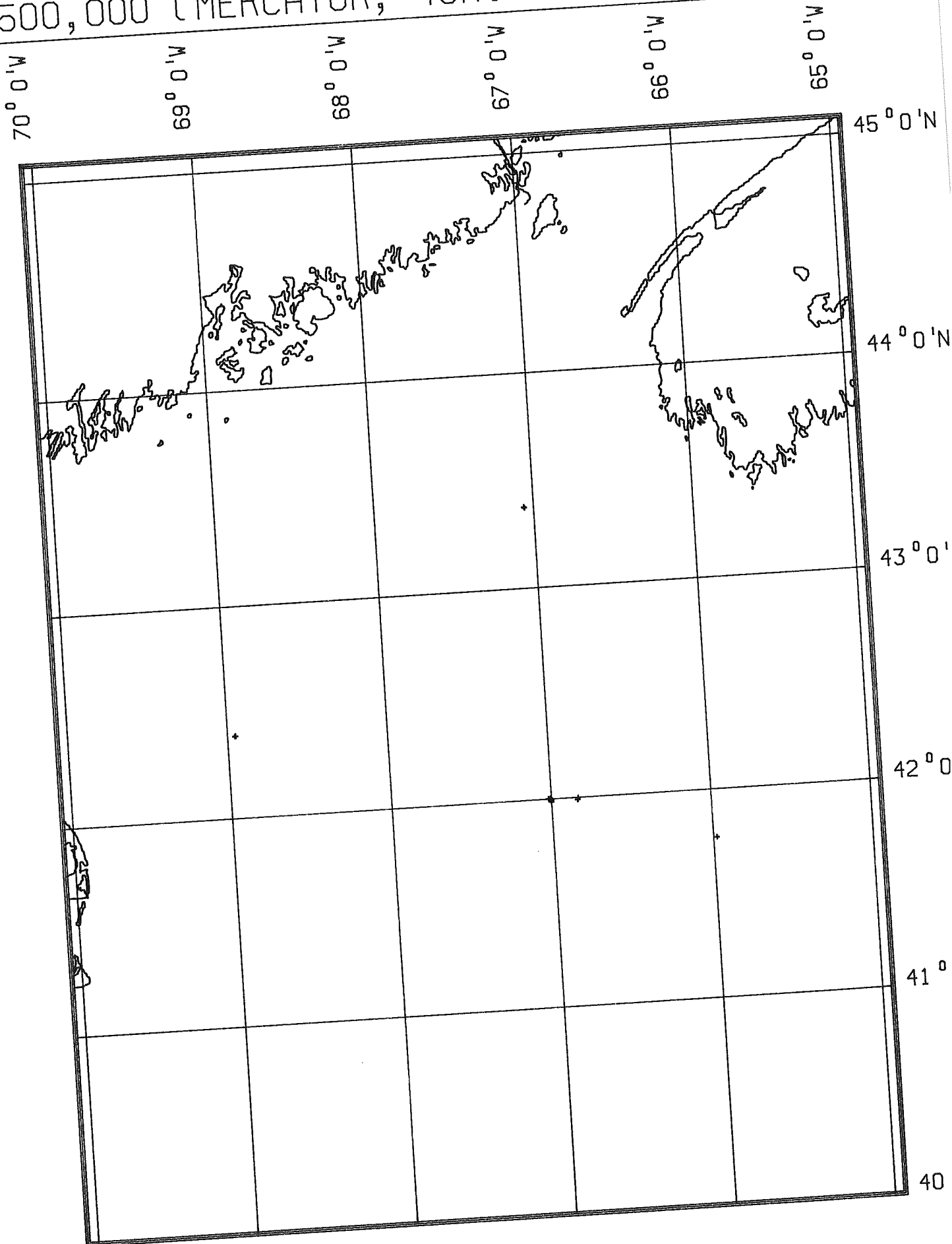
Josenhans, H. W. Sanford, B. V., Sparkes, R., Johnston, B. L., Boyce, A., Nielsen, J. and Belliveau, M., 1989. Baffin Cruise Report 89-008; GSC Open File Report 2115, 68 p.

Vilks, G. and Rodrigues, G., 1989. Dawson Cruise 89-007, Gulf of St. Lawrence ; GSC Open File Report 2119, 62 p.

APPENDIX II - SAMPLES

Cruises	Geographic Area
89001	Gulf of Maine, George's Bank, Scotian Shelf
89006	N.E. Conception Bay, Newfoundland, N.E. Trinity Bay, Newfoundland, Downing Basin, N.E. Grand Banks
89007	Anticosti Channel, Gulf of St. Lawrence
89008	Phase II - Off Country Harbour, Emerald Basin
89009	Phase A - Bedford Basin, N.S. Phase C - Scots Bay, N.S.
89014	Lake Melville, Goose Bay, Kenamu Delta, Labrador
89026	Argentia Harbour, Placentia Sound, Newfoundland
89038	Bermuda Rise, Baltimore Canyon Area
89039	Sable Island Bank, N.S.
89200	N.E. Ellef Rignes Island Shelf, Peary Channel
89302	Inner Shelf off Halifax, N.S.

SAMPLE LOCATIONS - 89001.
1:2,500,000 (MERCATOR, 48N)



1:2,500,000 (MERCATOR, 48N)
SAMPLE LOCATIONS - 89001.

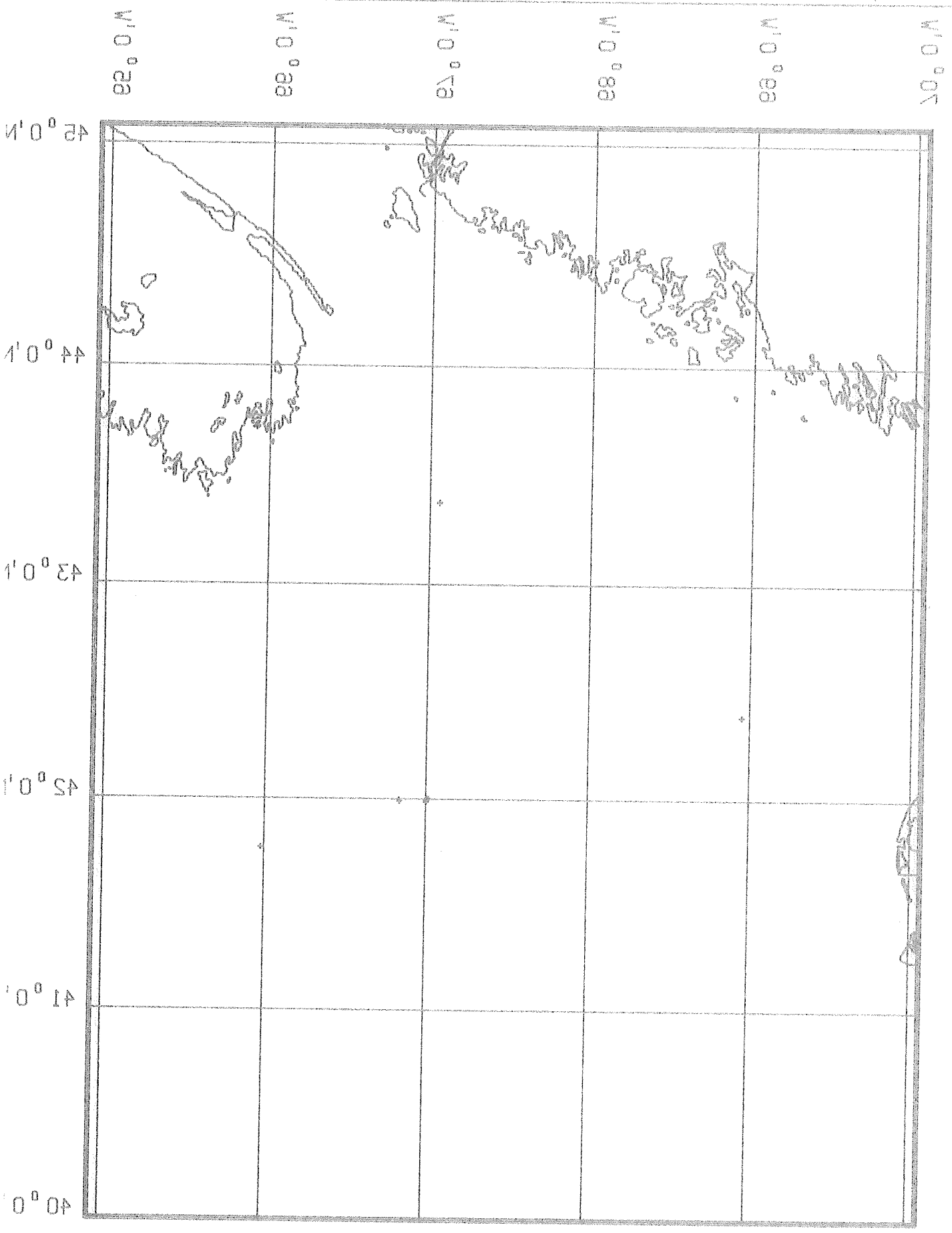


TABLE 2

SAMPLE INVENTORY 89-001 CSS DAWSON

<u>SAMPLE NUMBER</u>	<u>SAMPLE TYPE</u>	<u>DAY/TIME (GMT)</u>	<u>LATITUDE</u>	<u>LONGITUDE</u>	<u>DEPTH (METRES)</u>	<u>GEOGRAPHIC LOCATION</u>	<u>NOTES</u>
001	VANVEEN	0951205	41 59.97N	67 00.27W	65.8	GEORGES BANK	FINE TO MEDIUM SILICEOUS SAND. MOD-WELL SORTED. GRAB NO. 1
002	LOBSIGER CAMERA	0951231	41 59.90N	67 00.24W	65.0	GEORGES BANK	NO PICTURES TAKEN. CAMERA FAILURE.
003	VANVEEN	0951918	43 22.72N	67 03.64W	215.8	GULF OF MAINE	OLIVE SILTY/CLAY, THIN VENEER OF BROWN MUD AT SURFACE. GRAB NO. 2.
004	BENTHOS GRAVITY	0951930	43 22.59N	67 03.49W	248.7	GULF OF MAINE	TOTAL LENGTH - 251 CM. CORE NO. 1.
005	VANVEEN	0970208	42 23.42N	68 57.16W	215.8	GULF OF MAINE	VERY THIN VENEER OF BROWN MUD AT SURFACE. OLIVE/CLAY SOFT, WATERY. GRAB NO. 3.
006	BENTHOS GRAVITY	0970218	42 23.51N	68 57.05W	217.6	GULF OF MAINE	OLIVE CLAY THROUGHOUT. NO EVIDENCE OF STRATIFICATION OR DISTURBANCE. CORE NO.2.
007	VANVEEN	0971207	42 00.13N	67 01.08W	67.7	GEORGES BANK	3 ATTEMPTS. WELL ROUNDED GRANULES, PARTLY BEBBLES, POORLY SORTED. GRAB NO. 4.
008	VANVEEN	0971306	42 00.19N	67 00.31W	69.5	GEORGES BANK	3 ATTEMPTS. WELL SORTED, CLEAN SILICA SAND. MED TO FINE. GRAB NO. 5.
009	VANVEEN	0971435	41 59.98N	66 49.90W	18.6	GEORGES BANK	POORLY SORTED GRAVEL, MOD. ROUNDED PEBBLES, WELL ROUNDE GRANULES. GRAB NO. 6.
010	VANVEEN	0971502	41 59.43N	66 50.14W	64.0	GEORGES BANK	POORLY SORTED COARSE SAND AN GRAVEL. WELL ROUNDED GRANULE MULTI MINERALIC. GRAB NO. 7.
011	VANVEEN	0971610	41 59.22N	67 00.08W	64.0	GEORGES BANK	GRAB NO. 8.
012	SEDIMENT TRAP	0971621	41 59.89N	67 00.08W	64.0	GEORGES BANK	BEDLOAD NO. 1.
013	SEDIMENT TRAP	0971654	41 59.85N	67 00.14W	64.0	GEORGES BANK	BEDLOAD NO. 2.



TABLE 2

SAMPLE INVENTORY 89-001 CSS DAWSON

<u>SAMPLE NUMBER</u>	<u>SAMPLE TYPE</u>	<u>DAY/TIME (GMT)</u>	<u>LATITUDE</u>	<u>LONGITUDE</u>	<u>DEPTH (METRES)</u>	<u>GEOGRAPHIC LOCATION</u>	<u>NOTES</u>
014	SEDIMENT TRAP	0971711	41 59.85N	67 00.14W	64.0	GEORGES BANK	BEDLOAD NO. 3.
015	SEDIMENT TRAP	0971720	41 59.83N	67 00.12W	64.0	GEORGES BANK	BEDLOAD NO. 4.
016	SEDIMENT TRAP	0971746	41 59.76N	67 00.14W	64.0	GEORGES BANK	BEDLOAD NO. 5.
017	SEDIMENT TRAP	0971751	41 59.76N	67 00.11W	64.0	GEORGES BANK	BEDLOAD NO. 6.
018	SEDIMENT TRAP	0971805	41 59.71N	67 00.10W	64.0	GEORGES BANK	BEDLOAD NO. 7.
019	SEDIMENT TRAP	0971815	41 59.82N	67 00.14W	64.0	GEORGES BANK	BEDLOAD NO. 8.
020	SEDIMENT TRAP	0971832	41 59.78N	67 00.14W	64.0	GEORGES BANK	BEDLOAD NO. 9.
021	SEDIMENT TRAP	0971850	41 59.77N	67 00.14W	64.0	GEORGES BANK	BEDLOAD NO. 10.
022	SEDIMENT TRAP	0971904	41 59.80N	67 00.20W	64.0	GEORGES BANK	BEDLOAD NO. 11.
023	VANVEEN	0981754	41 46.30N	65 58.81W	95.0	GEORGES BANK	GRAB NO. 9.

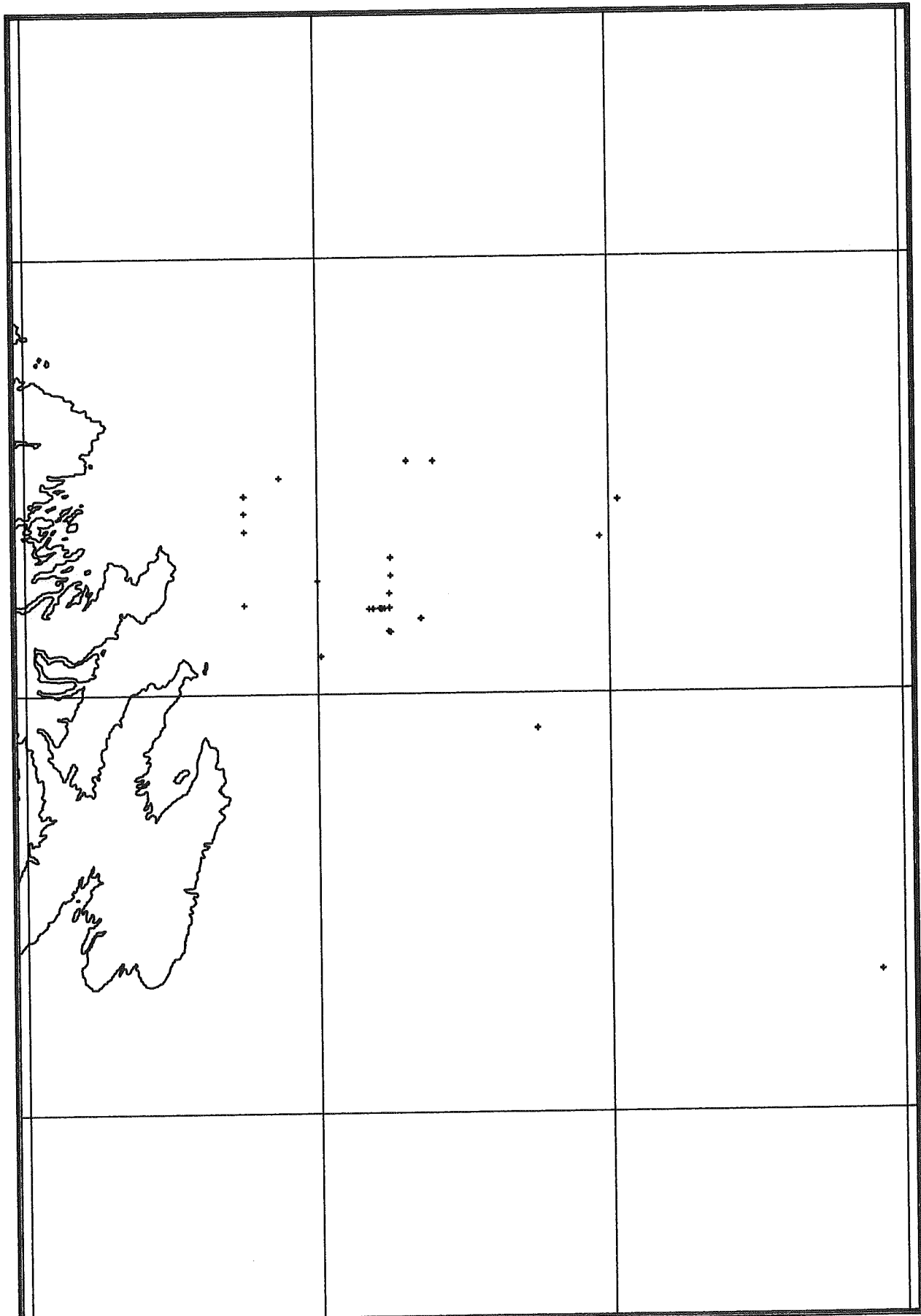


CRUISE 89001 - SENIOR SCIENTIST C.AMOS - VESSEL CSS DAWSON

STATION	LATITUDE	LONGITUDE	GEOGRAPHIC AREA	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)
001	41.99950	-67.00450	GEORGES BANK	65.80	95	1205	GRAB	VAN VEEN	
002	41.99833	-67.00400	GEORGES BANK	65.00	95	1231	CAMERA	LOBSIGER	
003	43.37866	-67.06066	GULF OF MAINE	215.80	95	1918	GRAB	VAN VEEN	
004	43.37650	-67.05816	GULF OF MAINE	248.70	95	1930	CORE	BENTHOS GRAVITY	251.0
005	42.39033	-68.95266	GULF OF MAINE	215.80	97	208	GRAB	VAN VEEN	
006	42.39183	-68.95083	GULF OF MAINE	217.60	97	218	CORE	BENTHOS GRAVITY	224.0
007	42.00216	-67.01800	GEORGES BANK	67.70	97	1207	GRAB	VAN VEEN	
008	42.00316	-67.00516	GEORGES BANK	69.50	97	1306	GRAB	VAN VEEN	
009	41.99966	-66.83166	GEORGES BANK	18.60	97	1435	GRAB	VAN VEEN	
010	41.99050	-66.83566	GEORGES BANK	64.00	97	1502	GRAB	VAN VEEN	
011	41.98700	-67.00133	GEORGES BANK	64.00	97	1610	GRAB	VAN VEEN	
012	41.99816	-67.00133	GEORGES BANK	64.00	97	1621	GRAB	SEDIMENT TRAP	
013	41.99750	-67.00233	GEORGES BANK	64.00	97	1654	GRAB	SEDIMENT TRAP	
014	41.99750	-67.00233	GEORGES BANK	64.00	97	1711	GRAB	SEDIMENT TRAP	
015	41.99716	-67.00200	GEORGES BANK	64.00	97	1720	GRAB	SEDIMENT TRAP	
016	41.99600	-67.00233	GEORGES BANK	64.00	97	1746	GRAB	SEDIMENT TRAP	
017	41.99600	-67.00183	GEORGES BANK	64.00	97	1751	GRAB	SEDIMENT TRAP	
018	41.99516	-67.00166	GEORGES BANK	64.00	97	1805	GRAB	SEDIMENT TRAP	
019	41.99700	-67.00233	GEORGES BANK	64.00	97	1815	GRAB	SEDIMENT TRAP	
020	41.99633	-67.00233	GEORGES BANK	64.00	97	1832	GRAB	SEDIMENT TRAP	
021	41.99616	-67.00233	GEORGES BANK	64.00	97	1850	GRAB	SEDIMENT TRAP	
022	41.99666	-67.00333	GEORGES BANK	64.00	97	1904	GRAB	SEDIMENT TRAP	
023	41.77166	-65.98016	GEORGES BANK	95.00	98	1754	GRAB	VAN VEEN	

SAMPLE LOCATIONS - 89006.
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54° 0' W 52° 0' W 50° 0' W 48° 0' W



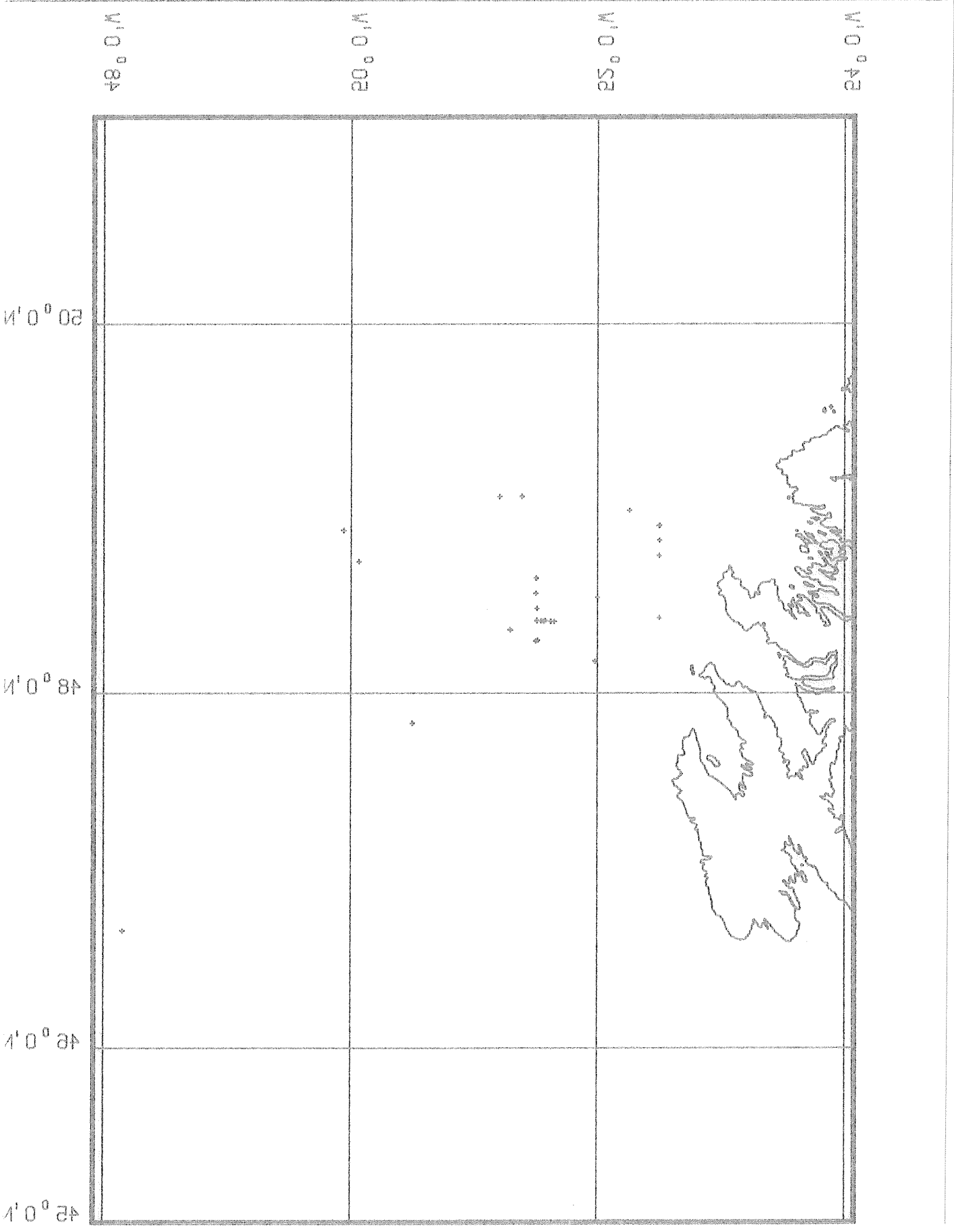
50° 0' N

48° 0' N

46° 0' N

45° 0' N

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SAMPLE LOCATIONS - 89008.



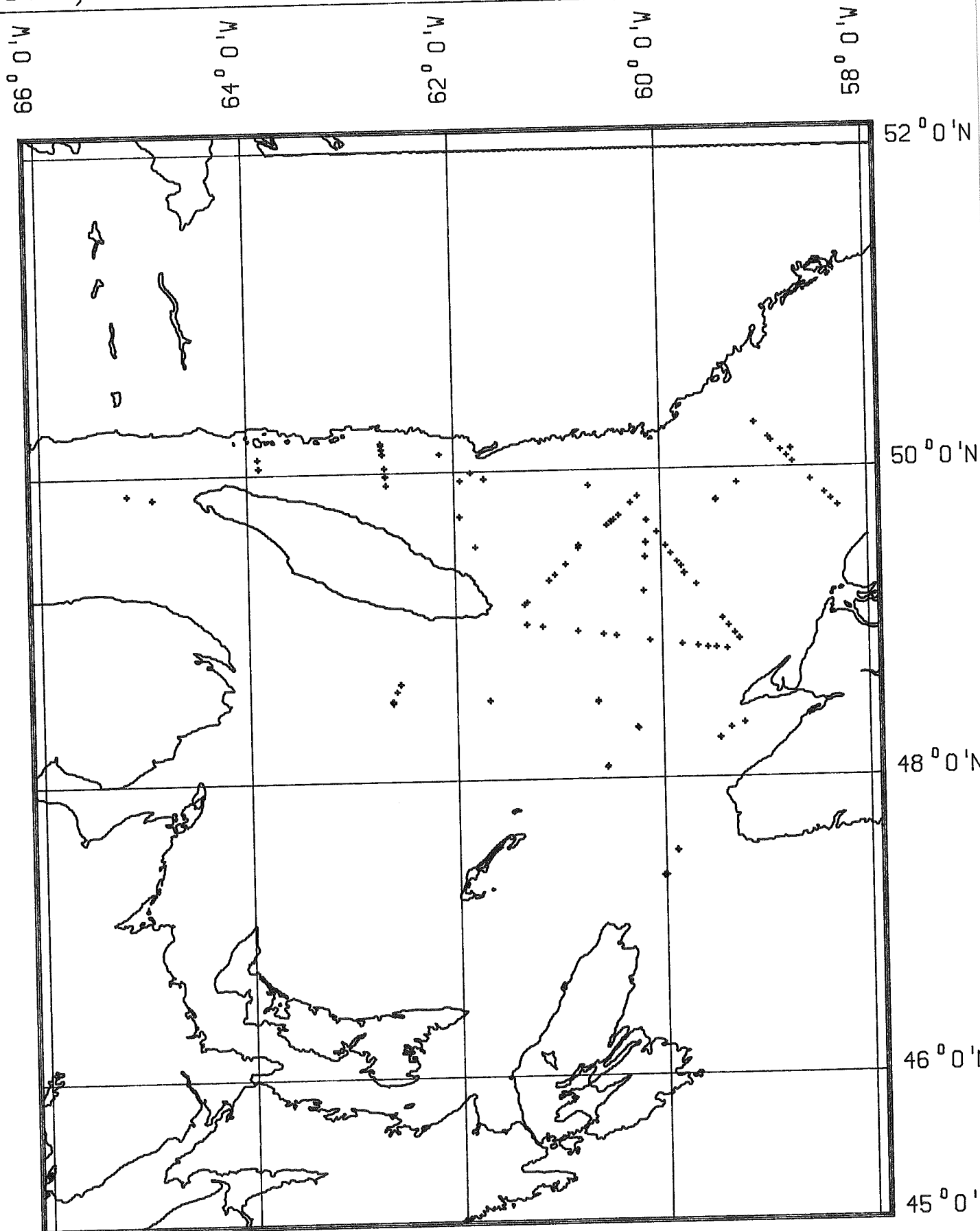
CRUISE 89006 - SENIOR SCIENTIST G.FADER - VESSEL CSS DAWSON

STATION	LATITUDE	LONGITUDE	GEOGRAPHIC AREA	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)
001A	48.17650	-51.97883	N.E. CONCEPTION BAY	181.00	125	2224	GRAB	VAN VEEN	
001B	48.17766	-51.98066	N.E. CONCEPTION BAY	179.00	125	2237	CAMERA	UMEL	
002A	49.07566	-51.38600	N.E. TRINITY BAY	320.00	126	1924	GRAB	VAN VEEN	
002B	49.07533	-51.20516	N.E. TRINITY BAY	320.00	126	2027	CORE	TRIGGER WEIGHT	107.0
002B	49.07533	-51.20516	N.E. TRINITY BAY	320.00	126	2027	CORE	BENTHOS PISTON	551.0
002C	49.07700	-51.38633	N.E. TRINITY BAY	320.00	126	2105	CAMERA	UMEL	
003A	47.83500	-50.50183	NORTH OF DOWNING BASIN	119.00	127	2201	GRAB	IKU	
003B	47.83450	-50.50166	NORTH OF DOWNING BASIN	132.00	127	2218	GRAB	IKU	
003C	47.83450	-50.50233	NORTH OF DOWNING BASIN	128.00	127	2246	CAMERA	UMEL	
004A	48.89316	-49.94216	N.E. GRAND BANKS	675.00	128	2157	CORE	TRIGGER WEIGHT	66.0
004A	48.89316	-49.94216	N.E. GRAND BANKS	675.00	128	2157	CORE	BENTHOS PISTON	477.0
004B	48.89350	-49.94183	N.E. GRAND BANKS	681.00	128	2310	GRAB	VAN VEEN	
004C	48.89200	-49.93916	N.E. GRAND BANKS	680.00	128	2349	CAMERA	UMEL	
005A	46.67033	-48.15683	SPRINGDALE SITE	110.00	129	2055	GRAB	IKU	
005B	46.67066	-48.15583	SPRINGDALE SITE	110.00	129	2131	CAMERA	UMEL	
006A	48.41583	-52.50050	MOUTH TRINITY BAY	205.00	132	1703	GRAB	VAN VEEN	
007A	48.75550	-52.49800	N.E. GRAND BANKS	283.00	133	1910	GRAB	VAN VEEN	
008A	48.83966	-52.50116	OFF BONIVISTA PENNISULA	350.00	133	2013	GRAB	VAN VEEN	
009A	48.91866	-52.50183	OFF BONIVISTA PENNISULA	343.00	133	2055	GRAB	VAN VEEN	
009B	48.91783	-52.49866	OFF BONIVISTA PENNISULA	343.00	133	2111	CORE	TRIGGER WEIGHT	134.0
009B	48.91783	-52.49866	OFF BONIVISTA PENNISULA	343.00	133	2111	CORE	BENTHOS PISTON	469.0
010A	49.00083	-52.25850	N.E. GRAND BANKS	304.00	133	2226	GRAB	VAN VEEN	
011A	48.72233	-50.06500	N.E. GRAND BANKS	234.00	134	2219	GRAB	VAN VEEN	
012A	48.52650	-52.00066	OFF TRINITY BAY	212.00	135	2016	GRAB	VAN VEEN	
014A	48.28833	-51.49966	N.E. OF CONCEPTION BAY	227.00	135	2258	GRAB	VAN VEEN	
014B	48.28966	-51.50316	N.E. OF CONCEPTION BAY	216.00	135	2312	FAIL	TRIGGER WEIGHT	0.0
014B	48.28966	-51.50316	N.E. OF CONCEPTION BAY	216.00	135	2312	FAIL	BENTHOS PISTON	0.0
014C	48.29233	-51.51233	N.E. OF CONCEPTION BAY	193.00	135	2341	CAMERA	UMEL	
015A	48.39583	-51.64733	N.E. GRAND BANKS	179.00	136	1220	GRAB	VAN VEEN	
016A	48.39683	-51.61983	N.E. GRAND BANKS	161.00	136	1249	GRAB	VAN VEEN	
016B	48.39633	-51.62083	N.E. GRAND BANKS	157.00	136	1259	CAMERA	UMEL	
017A	48.39833	-51.57266	N.E. GRAND BANKS	137.00	136	1327	GRAB	VAN VEEN	
018A	48.39766	-51.56650	N.E. GRAND BANKS	120.00	136	1340	GRAB	VAN VEEN	
018B	48.39700	-51.56750	N.E. GRAND BANKS	120.00	136	1351	CAMERA	UMEL	

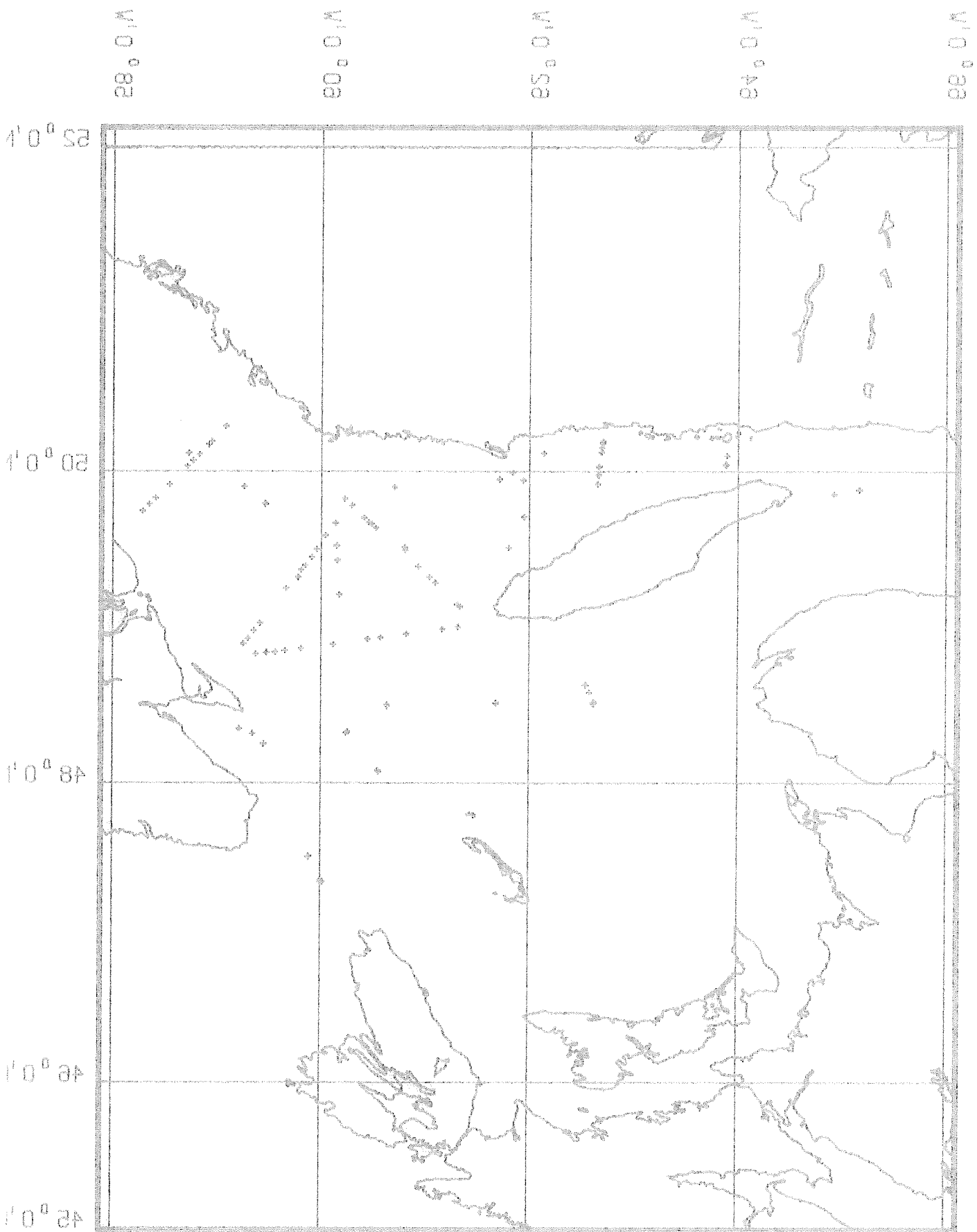
CRUISE 89006 - SENIOR SCIENTIST G.FADER - VESSEL CSS DAWSON

STATION	LATITUDE	LONGITUDE	GEOGRAPHIC AREA	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)
019A	48.39766	-51.55916	N.E. GRAND BANKS	111.00	136	1416	GRAB	VAN VEEN	
020A	48.39883	-51.54133	N.E. GRAND BANKS	88.00	136	1436	GRAB	VAN VEEN	
021A	48.40100	-51.50783	N.E. GRAND BANKS	83.00	136	1523	GRAB	IKU	
021B	48.40066	-51.50883	N.E. GRAND BANKS	85.00	136	1538	CAMERA	UMEL	
022A	48.46783	-51.50916	N.E. GRAND BANKS	143.00	136	1616	GRAB	VAN VEEN	
023A	48.54983	-51.49966	N.E. GRAND BANKS	177.00	136	1655	GRAB	VAN VEEN	
024A	48.63166	-51.50016	N.E. GRAND BANKS	183.00	136	1728	GRAB	VAN VEEN	
024B	48.63333	-51.50016	N.E. GRAND BANKS	183.00	136	1740	CAMERA	UMEL	
025A	48.34966	-51.29333	N.E. GRAND BANKS	300.00	136	1932	GRAB	VAN VEEN	
025B	48.35150	-51.29166	N.E. GRAND BANKS	300.00	136	1947	CORE	TRIGGER WEIGHT	118.0
025B	48.35150	-51.29166	N.E. GRAND BANKS	300.00	136	1947	CORE	BENTHOS PISTON	546.0

SAMPLE LOCATIONS - 89007.
1:3,500,000 (MERCATOR, 52N)



SAMPLE LOCATIONS - 89007.
1:3,500,000 (MERCATOR, PSN)



CRUISE 89007 - SENIOR SCIENTIST G.VILKS - VESSEL CSS DAWSON

STATION	LATITUDE	LONGITUDE	GEOGRAPHIC AREA	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)
017	49.71333	-61.95000	ANTICOSTI CHANNEL	258.00	143	1250	WATER	CTD	
018	49.71333	-61.95000	ANTICOSTI CHANNEL	258.00	143	1303	CORE	BOX	
018A	49.71333	-61.95000	ANTICOSTI CHANNEL	258.00	143	1303	CORE	PUSH	
018E	49.71333	-61.95000	ANTICOSTI CHANNEL	258.00	143	1303	CORE	PUSH	38.0
018H	49.71333	-61.95000	ANTICOSTI CHANNEL	258.00	143	1303	CORE	PUSH	
019	49.71333	-61.94766	ANTICOSTI CHANNEL	258.00	143	1406	WATER	NISKIN	
020	49.71500	-61.95166	GULF OF ST. LAWRENCE	268.00	143	1425	WATER	PLANKTON	
021	49.52133	-60.80216	ANTICOSTI CHANNEL	281.00	143	1905	CORE	TRIGGER WEIGHT	73.0
021	49.52133	-60.80216	ANTICOSTI CHANNEL	281.00	143	1905	CORE	BENTHOS PISTON	483.0
022	49.51850	-61.79916	ANTICOSTI CHANNEL	281.00	143	2000	WATER	CTD	
023	49.51816	-60.79933	ANTICOSTI CHANNEL	281.00	143	2022	CORE	BOX	
023A	49.51816	-60.79933	ANTICOSTI CHANNEL	281.00	143	2022	CORE	PUSH	
023E	49.51816	-60.79933	ANTICOSTI CHANNEL	281.00	143	2022	CORE	PUSH	40.0
023G	49.51816	-60.79933	ANTICOSTI CHANNEL	281.00	143	2022	CORE	PUSH	
024	49.51666	-60.80066	ANTICOSTI CHANNEL	281.00	143	2040	WATER	NISKIN	
025	49.50133	-60.80516	ANTICOSTI CHANNEL	200.00	143	2109	WATER	PLANKTON	
026	49.33083	-59.78016	GULF OF ST. LAWRENCE	274.00	144	1934	CORE	TRIGGER WEIGHT	123.0
026	49.33083	-59.78016	GULF OF ST. LAWRENCE	274.00	144	1934	CORE	BENTHOS PISTON	393.0
027	49.33083	-59.78016	GULF OF ST. LAWRENCE	274.00	144	2030	WATER	CTD	
028	49.33016	-59.78083	GULF OF ST. LAWRENCE	274.00	144	2039	CORE	BOX	
028B	49.33016	-59.78083	GULF OF ST. LAWRENCE	274.00	144	2039	CORE	PUSH	
028D	49.33016	-59.78083	GULF OF ST. LAWRENCE	274.00	144	2039	CORE	PUSH	
028F	49.33016	-59.78083	GULF OF ST. LAWRENCE	274.00	144	2039	CORE	PUSH	
029	49.33016	-59.78083	GULF OF ST. LAWRENCE	274.00	144	2120	WATER	NISKIN	
030	49.33216	-59.77650	GULF OF ST. LAWRENCE	200.00	144	2124	WATER	PLANKTON	
031	49.79583	-59.46333	ESQUIMAN CHANNEL	261.00	145	1131	CORE	TRIGGER WEIGHT	114.0
031	49.79583	-59.46333	ESQUIMAN CHANNEL	261.00	145	1131	CORE	BENTHOS PISTON	479.0
032	49.79583	-59.46333	ESQUIMAN CHANNEL	261.00	145	1150	WATER	CTD	
033	49.79833	-59.46166	ESQUIMAN CHANNEL	261.00	145	1215	CORE	BOX	
034	49.79833	-59.45916	GULF OF ST. LAWRENCE	276.00	145	1225	WATER	NISKIN	
035	49.80000	-59.45833	GULF OF ST. LAWRENCE	276.00	145	1256	WATER	PLANKTON	
036	50.11533	-58.72650	GULF OF ST. LAWRENCE	300.00	145	2139	CORE	TRIGGER WEIGHT	104.0
036	50.11533	-58.72650	GULF OF ST. LAWRENCE	300.00	145	2139	CORE	BENTHOS PISTON	861.0
037	50.11533	-58.72650	GULF OF ST. LAWRENCE	300.00	145	2158	WATER	CTD	

CRUISE 89007 - SENIOR SCIENTIST G.VILKS - VESSEL CSS DAWSON

STATION	LATITUDE	LONGITUDE	GEOGRAPHIC AREA	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)
038	50.11533	-58.72650	GULF OF ST. LAWRENCE	300.00	145	2222	CORE	BOX	
038A	50.11533	-58.72650	GULF OF ST. LAWRENCE	300.00	145	2222	CORE	PUSH	40.0
038C	50.11533	-58.72650	GULF OF ST. LAWRENCE	300.00	145	2222	CORE	PUSH	
038H	50.11533	-58.72650	GULF OF ST. LAWRENCE	300.00	145	2222	CORE	PUSH	
039	50.11533	-58.72650	GULF OF ST. LAWRENCE	300.00	145	2250	WATER	NISKIN	
040	50.11533	-58.72650	GULF OF ST. LAWRENCE	300.00	145	2324	WATER	PLANKTON	
041	49.75000	-58.28300	GULF OF ST. LAWRENCE	73.00	146	213	WATER	CTD	
042	49.75000	-58.28300	GULF OF ST. LAWRENCE	70.00	146	218	GRAB	VAN VEEN	
043	49.79316	-58.34666	GULF OF ST. LAWRENCE	100.00	146	252	GRAB	VAN VEEN	
044	49.83250	-58.40633	GULF OF ST. LAWRENCE	150.00	146	316	GRAB	VAN VEEN	
045	49.91883	-58.54183	GULF OF ST. LAWRENCE	200.00	146	416	GRAB	VAN VEEN	
046	50.03383	-58.71216	GULF OF ST. LAWRENCE	250.00	146	524	GRAB	VAN VEEN	
047	50.06983	-58.76866	GULF OF ST. LAWRENCE	300.00	146	551	GRAB	VAN VEEN	
048	50.10800	-58.82750	GULF OF ST. LAWRENCE	250.00	146	626	GRAB	VAN VEEN	
049	50.16800	-58.92066	GULF OF ST. LAWRENCE	200.00	146	712	GRAB	VAN VEEN	
050	50.19216	-58.94783	GULF OF ST. LAWRENCE	150.00	146	738	GRAB	VAN VEEN	
051	50.28400	-59.08133	GULF OF ST. LAWRENCE	95.00	146	829	GRAB	VAN VEEN	
052	50.28450	-59.08033	GULF OF ST. LAWRENCE	88.00	146	854	WATER	CTD	
053	50.28450	-59.08033	GULF OF ST. LAWRENCE	88.00	146	910	WATER	NISKIN	
054	49.67483	-60.13883	GULF OF ST. LAWRENCE	70.00	146	1352	WATER	CTD	
055	49.67416	-60.13650	GULF OF ST. LAWRENCE	70.00	146	1401	GRAB	VAN VEEN	
056	49.67366	-60.13316	GULF OF ST. LAWRENCE	63.00	146	1419	WATER	NISKIN	
057	49.59633	-60.03900	GULF OF ST. LAWRENCE	100.00	146	1500	GRAB	VAN VEEN	
058	49.50950	-59.95450	GULF OF ST. LAWRENCE	150.00	146	1544	GRAB	VAN VEEN	
059	49.45950	-59.90683	GULF OF ST. LAWRENCE	200.00	146	1610	GRAB	VAN VEEN	
060	49.40616	-59.84433	GULF OF ST. LAWRENCE	250.00	146	1641	GRAB	VAN VEEN	

CRUISE 89007 - SENIOR SCIENTIST G.VILKS - VESSEL CSS DAWSON

STATION	LATITUDE	LONGITUDE	GEOGRAPHIC AREA	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)
061	49.37783	-59.80500	GULF OF ST. LAWRENCE	270.00	146	1703	GRAB	VAN VEEN	
062	49.25866	-59.66266	GULF OF ST. LAWRENCE	250.00	146	1803	GRAB	VAN VEEN	
063	49.03733	-59.41533	GULF OF ST. LAWRENCE	200.00	146	1928	GRAB	VAN VEEN	
064	48.98983	-59.35666	GULF OF ST. LAWRENCE	150.00	146	1955	GRAB	VAN VEEN	
065	48.93933	-59.29800	GULF OF ST. LAWRENCE	100.00	146	2028	GRAB	VAN VEEN	
066	49.90583	-59.25800	GULF OF ST. LAWRENCE	73.00	146	2051	WATER	CTD	
067	48.90533	-59.25516	GULF OF ST. LAWRENCE	73.00	146	2100	GRAB	VAN VEEN	
068	48.90483	-59.25283	GULF OF ST. LAWRENCE	73.00	146	2113	WATER	NISKIN	
069	48.84066	-59.37400	GULF OF ST. LAWRENCE	98.00	146	2216	GRAB	VAN VEEN	
070	48.84716	-59.47716	GULF OF ST. LAWRENCE	146.00	146	2248	GRAB	VAN VEEN	
071	48.84916	-59.56000	GULF OF ST. LAWRENCE	196.00	146	2332	GRAB	VAN VEEN	
072	48.85933	-59.65466	GULF OF ST. LAWRENCE	250.00	147	1	GRAB	VAN VEEN	
073	48.87316	-59.80650	GULF OF ST. LAWRENCE	295.00	147	49	GRAB	VAN VEEN	
074	48.90033	-60.11600	GULF OF ST. LAWRENCE	300.00	147	207	GRAB	VAN VEEN	
075	48.93533	-60.44300	GULF OF ST. LAWRENCE	250.00	147	324	GRAB	VAN VEEN	
076	48.94533	-60.56900	GULF OF ST. LAWRENCE	200.00	147	400	GRAB	VAN VEEN	
077	48.96650	-60.81716	GULF OF ST. LAWRENCE	150.00	147	458	GRAB	VAN VEEN	
078	48.99850	-61.16050	GULF OF ST. LAWRENCE	100.00	147	614	GRAB	VAN VEEN	
079	49.01316	-61.31316	GULF OF ST. LAWRENCE	70.00	147	659	WATER	CTD	
080	49.01366	-61.31300	GULF OF ST. LAWRENCE	70.00	147	706	GRAB	VAN VEEN	
081	49.01366	-61.31300	GULF OF ST. LAWRENCE	70.00	147	724	WATER	NISKIN	
082	49.14200	-61.33283	GULF OF ST. LAWRENCE	88.00	147	824	GRAB	VAN VEEN	
083	49.15650	-61.30683	GULF OF ST. LAWRENCE	100.00	147	847	GRAB	VAN VEEN	
084	49.29550	-61.09383	GULF OF ST. LAWRENCE	146.00	147	956	GRAB	VAN VEEN	
085	49.33133	-61.03550	GULF OF ST. LAWRENCE	200.00	147	1020	GRAB	VAN VEEN	
086	49.39800	-60.92833	GULF OF ST. LAWRENCE	250.00	147	1055	GRAB	VAN VEEN	

CRUISE 89007 - SENIOR SCIENTIST G.VILKS - VESSEL CSS DAWSON

STATION	LATITUDE	LONGITUDE	GEOGRAPHIC AREA	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)
087	49.64516	-60.52333	GULF OF ST. LAWRENCE	254.00	147	1310	GRAB	VAN VEEN	
088	49.67983	-60.45466	GULF OF ST. LAWRENCE	200.00	147	1343	GRAB	VAN VEEN	
089	49.70833	-60.40783	GULF OF ST. LAWRENCE	150.00	147	1410	GRAB	VAN VEEN	
090	49.78716	-60.29133	GULF OF ST. LAWRENCE	100.00	147	1454	GRAB	VAN VEEN	
091	49.82750	-60.22283	GULF OF ST. LAWRENCE	70.00	147	1518	GRAB	VAN VEEN	
092	48.52750	-62.62066	LAURENTIAN CHANNEL	395.00	148	1250	CORE	TRIGGER WEIGHT	136.0
092	48.52750	-62.62066	LAURENTIAN CHANNEL	395.00	148	1250	CORE	BENTHOS PISTON	677.0
093	48.52633	-62.61533	LAURENTIAN CHANNEL	395.00	148	1305	WATER	CTD	
094	48.52533	-62.62450	LAURENTIAN CHANNEL	395.00	148	1345	WATER	CTD	
095	48.52416	-62.62466	LAURENTIAN CHANNEL	395.00	148	1400	CORE	BOX	
095D	48.52416	-62.62466	LAURENTIAN CHANNEL	395.00	148	1400	CORE	PUSH	
095F	48.52416	-62.62466	LAURENTIAN CHANNEL	395.00	148	1400	CORE	PUSH	40.0
095G	48.52416	-62.62466	LAURENTIAN CHANNEL	395.00	148	1400	CORE	PUSH	38.0
095I	48.52416	-62.62466	LAURENTIAN CHANNEL	395.00	148	1400	CORE	PUSH	
096	48.51866	-62.61933	LAURENTIAN CHANNEL	395.00	148	1427	WATER	NISKIN	
097	48.51583	-62.61783	LAURENTIAN CHANNEL	395.00	148	1453	WATER	PLANKTON	
098	48.58966	-62.58016	LAURENTIAN CHANNEL	428.00	148	1546	CORE	LEHIGH	254.0
099	48.63866	-62.54216	LAURENTIAN CHANNEL	421.00	148	1635	CORE	BENTHOS PISTON	641.0
099	48.63866	-62.54216	LAURENTIAN CHANNEL	421.00	148	1635	CORE	TRIGGER WEIGHT	86.0
100	48.63933	-62.54350	GULF OF ST. LAWRENCE	420.00	148	1723	CORE	BOX	
100A	48.63933	-62.54350	GULF OF ST. LAWRENCE	420.00	148	1723	CORE	PUSH	
100C	48.63933	-62.54350	GULF OF ST. LAWRENCE	420.00	148	1723	CORE	PUSH	35.0
100E	48.63933	-62.54350	GULF OF ST. LAWRENCE	420.00	148	1723	CORE	PUSH	35.0
100I	48.63933	-62.54350	GULF OF ST. LAWRENCE	420.00	148	1723	CORE	PUSH	
101	48.52033	-61.68183	LAURENTIAN CHANNEL	420.00	149	217	WATER	CTD	
102	48.52200	-61.68216	LAURENTIAN CHANNEL	420.00	149	235	WATER	NISKIN	
103	47.35333	-60.00716	LAURENTIAN CHANNEL	420.00	150	1158	WATER	CTD	
104	47.35400	-59.99933	LAURENTIAN CHANNEL	420.00	150	1235	WATER	NISKIN	
105	47.35383	-59.99466	LAURENTIAN CHANNEL	420.00	150	1308	WATER	PLANKTON	
106	47.34966	-60.01033	LAURENTIAN CHANNEL	420.00	150	1355	CORE	BENTHOS PISTON	828.0
106	47.34966	-60.01033	LAURENTIAN CHANNEL	420.00	150	1355	CORE	TRIGGER WEIGHT	102.0
107	47.35016	-60.01150	LAURENTIAN CHANNEL	420.00	150	1448	CORE	TRIGGER WEIGHT	77.0
107	47.35016	-60.01150	LAURENTIAN CHANNEL	420.00	150	1448	CORE	BENTHOS PISTON	829.0
108	47.35000	-60.01766	LAURENTIAN CHANNEL	420.00	150	1607	CORE	BOX	

CRUISE B9007 - SENIOR SCIENTIST G.VILKS - VESSEL CSS DAMSON

STATION	LATITUDE	LONGITUDE	GEOGRAPHIC AREA	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)
1088	47.35000	-60.01766	LAURENTIAN CHANNEL	420.00	150	1607	CORE	PUSH	36.0
108C	47.35000	-60.01766	LAURENTIAN CHANNEL	420.00	150	1607	CORE	PUSH	36.0
108D	47.35000	-60.01766	LAURENTIAN CHANNEL	420.00	150	1607	CORE	PUSH	36.0
108H	47.35000	-60.01766	LAURENTIAN CHANNEL	420.00	150	1607	CORE	PUSH	36.0
109	48.07333	-60.55333	LAURENTIAN CHANNEL	439.00	151	407	WATER	CTD	
110	48.08166	-60.54666	LAURENTIAN CHANNEL	439.00	151	514	WATER	NISKIN	
111	47.51666	-59.88433	LAURENTIAN CHANNEL	503.00	151	907	CORE	TRIGGER	114.0
111	47.51666	-59.88433	LAURENTIAN CHANNEL	503.00	151	907	CORE	WEIGHT	785.0
111	47.51666	-59.88433	LAURENTIAN CHANNEL	503.00	151	907	CORE	BENTHOS	
112	47.51533	-59.88233	LAURENTIAN CHANNEL	503.00	151	936	WATER	PLANKTON	
113	47.51733	-59.88416	LAURENTIAN CHANNEL	151	151	950	CORE	BOX	
113D	47.51733	-59.88416	LAURENTIAN CHANNEL	151	151	950	CORE	PUSH	
113F	47.51733	-59.88416	LAURENTIAN CHANNEL	151	151	950	CORE	PUSH	36.0
113H	47.51733	-59.88416	LAURENTIAN CHANNEL	151	151	950	CORE	PUSH	44.0
113I	47.51733	-59.88416	LAURENTIAN CHANNEL	151	151	950	CORE	PUSH	
114	48.32350	-59.34600	GULF OF ST. LAWRENCE	71.30	153	1332	DRILL	ROCK	292.0
115	48.25900	-59.45266	GULF OF ST. LAWRENCE	76.80	153	1547	DRILL	ROCK	0.0
116	48.25866	-59.45266	ST. GEORGES BAY	77.00	153	1656	DRILL	ROCK	0.0
117	48.25616	-59.45433	ST. GEORGES BAY	80.50	153	1903	DRILL	ROCK	0.0
118	48.35566	-59.21850	ST. GEORGES BAY REGION	73.20	153	2208	DRILL	ROCK	13.0
119	49.43983	-60.15416	BANC BEAUGE	182.90	154	1312	DRILL	ROCK	40.0
120	49.43833	-60.15600	BANC BEAUGE	188.40	154	1401	DRILL	ROCK	29.0
121	49.53116	-60.14566	BANC BEAUGE	126.00	154	1558	FAIL	ROCK	0.0
122	49.53000	-60.14516	BANC BEAUGE	124.40	154	1650	DRILL	ROCK	130.0
123	49.66950	-60.48000	BANC BEAUGE	217.60	154	1857	DRILL	ROCK	35.0
124	49.66900	-60.47916	BANC BEAUGE	219.50	154	2019	FAIL	ROCK	0.0
125	49.66850	-60.47766	BANC BEAUGE	219.50	154	2217	DRILL	ROCK	29.0
126	49.90000	-60.69833	PTE DE NATASHQUAN	91.40	155	2245	FAIL	ROCK	0.0
127	49.95000	-61.70700	SOUTH OF PTE DE NATASHQUAN	78.60	156	1115	FAIL	ROCK	0.0
128	49.95333	-61.70966	SOUTH OF PTE DE NATASHQUAN	69.50	156	1349	DRILL	ROCK	216.0
129	49.99333	-61.83733	SOUTHWEST OF PTE DE NATASHQUAN	51.20	156	1523	DRILL	ROCK	178.0
130	49.94416	-61.93800	SOUTHWEST OF PTE DE NATASHQUAN	69.50	156	1624	DRILL	ROCK	273.0
131	50.11550	-62.13366	SOUTHWEST OF NATASHQUAN	47.50	156	2025	DRILL	ROCK	125.0
132	50.18933	-62.70166	SOUTH OF BAIE JOHAN BEETZ	32.90	157	1122	DRILL	ROCK	457.0
133	50.17750	-62.69966	SOUTH OF BAIE JOHAN BEETZ	51.20	157	1225	DRILL	ROCK	451.0
134	50.15066	-62.69266	SOUTH OF BAIE JOHAN BEETZ	42.10	157	1324	DRILL	ROCK	118.0
135	50.12050	-62.68383	SOUTH OF BAIE JOHAN BEETZ	58.50	157	1402	DRILL	ROCK	44.0
136	50.12233	-62.68633	SOUTH OF BAIE JOHAN BEETZ	53.00	157	1503	DRILL	ROCK	217.0

CRUISE 89007 - SENIOR SCIENTIST G.VILKS - VESSEL CSS DAWSON

STATION	LATITUDE	LONGITUDE	GEOGRAPHIC AREA	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)
001	48.50500	-60.63500	GULF OF ST. LAWRENCE	391.00	141	1227	CORE	BENTHOS PISTON	645.0
001	48.50500	-60.63500	GULF OF ST. LAWRENCE	391.00	141	1227	CORE	TRIGGER WEIGHT	98.0
002	48.50416	-60.63500	GULF OF ST. LAWRENCE	391.00	141	1324	WATER	CTD	
003	48.50583	-60.63333	GULF OF ST. LAWRENCE	391.00	141	1353	CORE	BOX	
003E	48.50583	-60.63333	GULF OF ST. LAWRENCE	391.00	141	1353	CORE	PUSH	40.0
004	48.51416	-60.63333	GULF OF ST. LAWRENCE	391.00	141	1444	WATER	NISKIN	
005	48.50416	-60.63416	GULF OF ST. LAWRENCE	399.00	141	1534	WATER	PLANKTON	
006	48.33166	-60.24750	GULF OF ST. LAWRENCE	427.00	141	1805	CORE	BENTHOS PISTON	308.0
006	48.33166	-60.24750	GULF OF ST. LAWRENCE	427.00	141	1805	CORE	TRIGGER WEIGHT	89.0
007	48.33083	-60.24500	GULF OF ST. LAWRENCE	427.00	141	1832	WATER	CTD	
008	48.32833	-60.24250	GULF OF ST. LAWRENCE	427.00	141	1850	CORE	BOX	
008A	48.32833	-60.24250	GULF OF ST. LAWRENCE	427.00	141	1850	CORE	PUSH	35.0
009	48.33333	-60.24950	GULF OF ST. LAWRENCE	427.00	141	1957	WATER	PLANKTON	
010	48.33500	-60.25500	GULF OF ST. LAWRENCE	427.00	141	2045	WATER	NISKIN	
011	49.22000	-60.17333	GULF OF ST. LAWRENCE	273.00	142	1446	CORE	BENTHOS PISTON	701.0
011	49.22000	-60.17333	GULF OF ST. LAWRENCE	273.00	142	1446	CORE	TRIGGER WEIGHT	98.0
012	49.22000	-60.17333	GULF OF ST. LAWRENCE	267.00	142	1542	WATER	CTD	
013	49.22000	-60.17333	GULF OF ST. LAWRENCE	268.00	142	1610	CORE	BOX	
013A	49.22000	-60.17333	GULF OF ST. LAWRENCE	268.00	142	1610	CORE	PUSH	47.0
013D	49.22000	-60.17333	GULF OF ST. LAWRENCE	268.00	142	1610	CORE	PUSH	48.0
013E	49.22000	-60.17333	GULF OF ST. LAWRENCE	268.00	142	1610	CORE	PUSH	
013F	49.22000	-60.17333	GULF OF ST. LAWRENCE	268.00	142	1610	CORE	PUSH	
014	49.22000	-60.17333	GULF OF ST. LAWRENCE	268.00	142	1701	WATER	NISKIN	
015	49.22000	-60.17333	GULF OF ST. LAWRENCE	268.00	142	1715	WATER	PLANKTON	
016	49.71333	-61.94850	ANTICOSTI CHANNEL	258.00	143	1212	CORE	BENTHOS PISTON	538.0
016	49.71333	-61.94850	ANTICOSTI CHANNEL	258.00	143	1212	CORE	TRIGGER WEIGHT	99.0

AMPLE LOCATIONS - 89008.
: 5,000,000 (MERCATOR, 51N)

68° 0' W

66° 0' W

64° 0' W

62° 0' W

60° 0' W

58° 0' W

52° 0' N

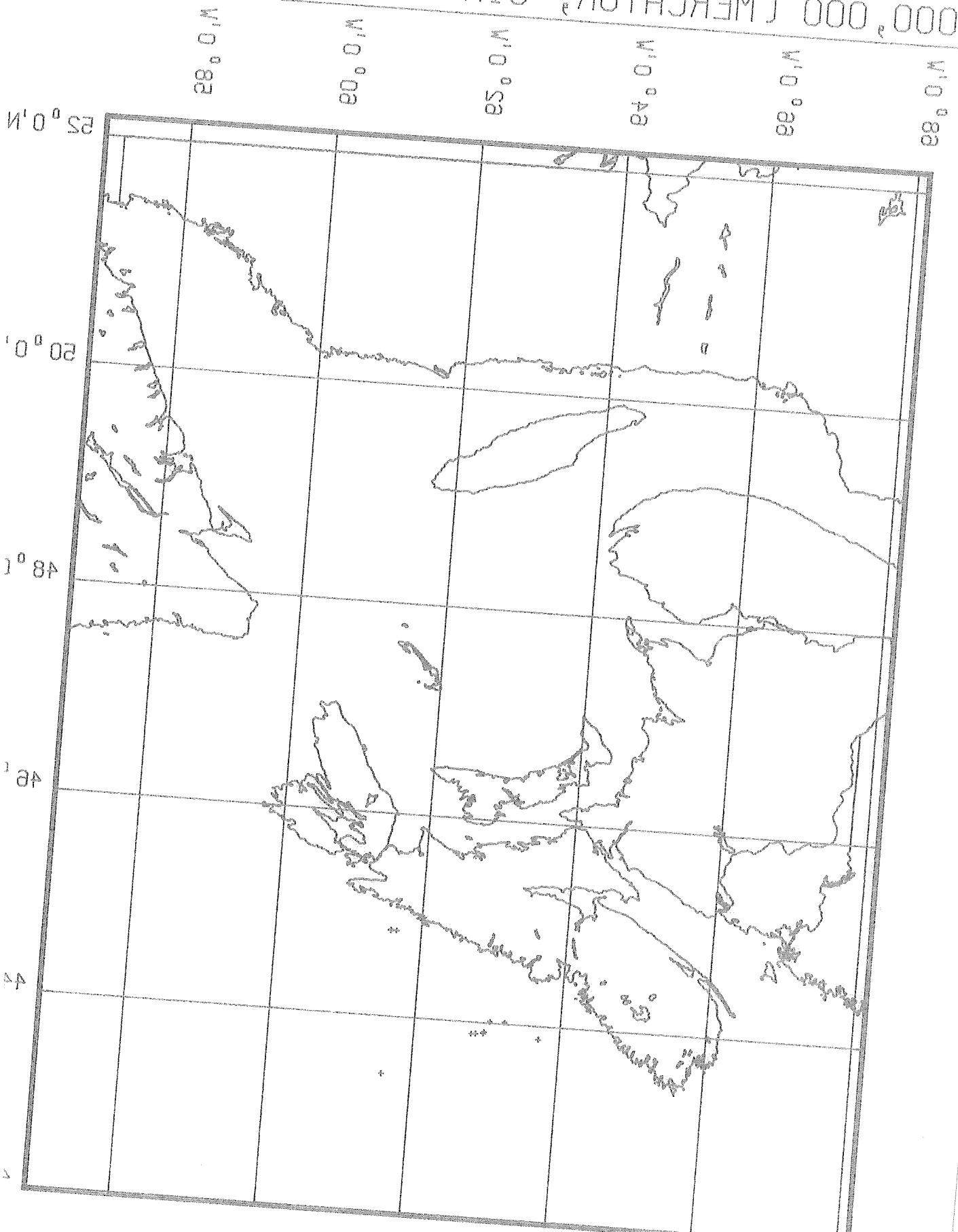
50° 0' N

48° 0' N

46° 0' N



1:5,000,000 (MERCATOR, PIN)
SAMPLE LOCATIONS - 89008°



CRUISE B9008 - SENIOR SCIENTIST R.PARROT - VESSEL CSS BAFFIN

STATION	LATITUDE	LONGITUDE	GEOGRAPHIC AREA	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)
001	44.86183	-61.58333	OFF COUNTRY HARBOUR	0.00	171	340	CAMERA	UMEL	
002	44.85683	-61.58700	OFF COUNTRY HARBOUR	0.00	171	437	CAMERA	UMEL	
003	44.85750	-61.66183	OFF COUNTRY HARBOUR	0.00	171	517	CAMERA	UMEL	
004	43.89483	-62.94916	EMERALD BASIN	255.00	172	344	CAMERA	UMEL	
005	43.88616	-62.84650	EMERALD BASIN	252.00	172	435	CAMERA	UMEL	
006	43.90400	-62.95816	EMERALD BASIN	252.00	172	1025	CAMERA	UMEL	
007	43.41850	-61.60100	EMERALD BASIN	80.00	173	226	CAMERA	UMEL	
008	43.86983	-63.70800	EMERALD BASIN	203.00	173	1805	CAMERA	UMEL	
009	43.88233	-62.78633	EMERALD BASIN	235.00	173	1941	CAMERA	UMEL	
010	44.01416	-63.03283	EMERALD BASIN	230.00	173	2148	CAMERA	UMEL	
011	44.01633	-63.23383	EMERALD BASIN	162.00	174	117	CAMERA	UMEL	

SAMPLE LOCATIONS - 89009 PHASEA.
1:500,000 (MERCATOR, 45N)

64° 0' W

63° 45' W

63° 30' W

63° 15' W

63° 0' W

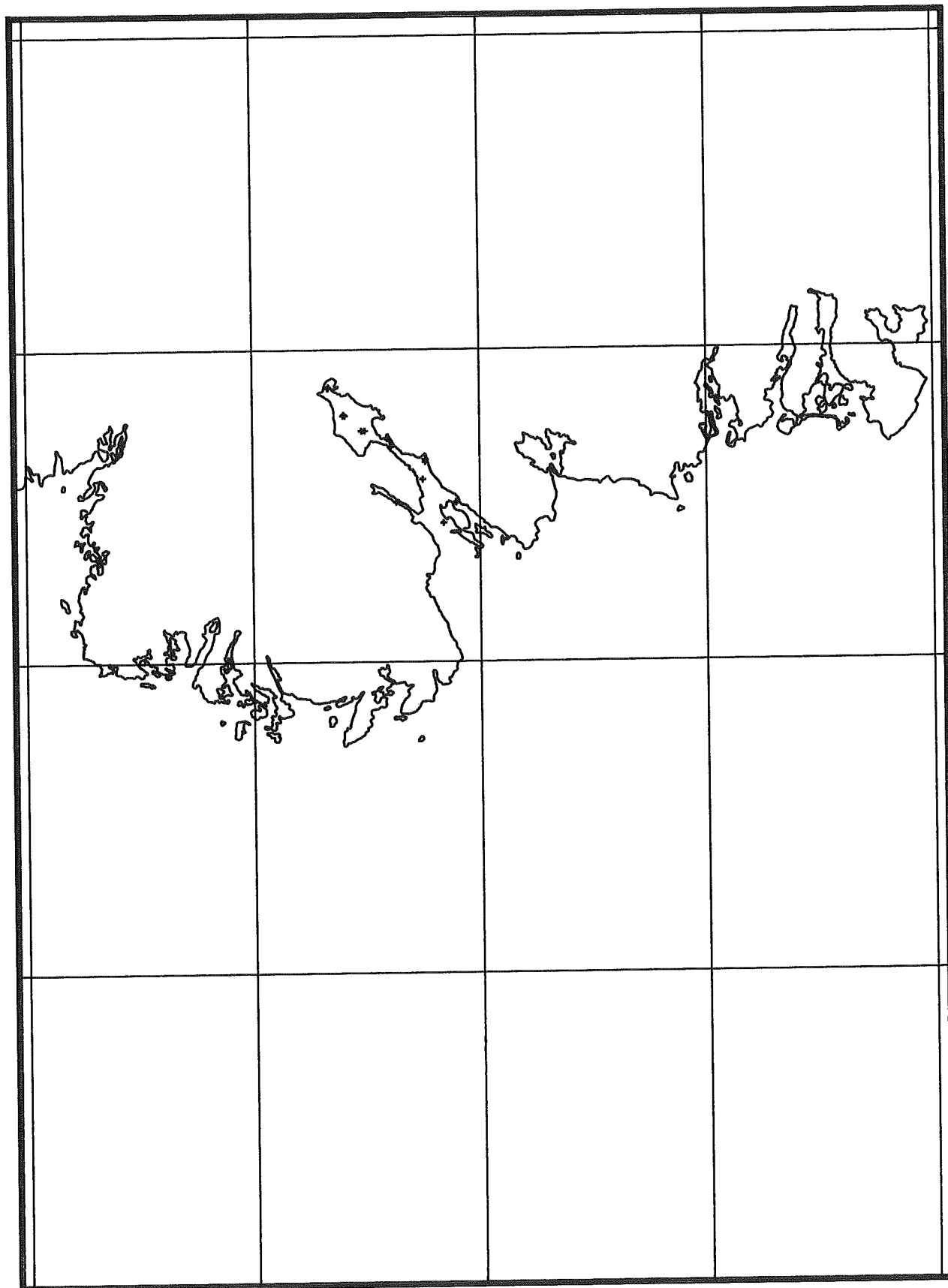
45° 0' N

44° 45' N

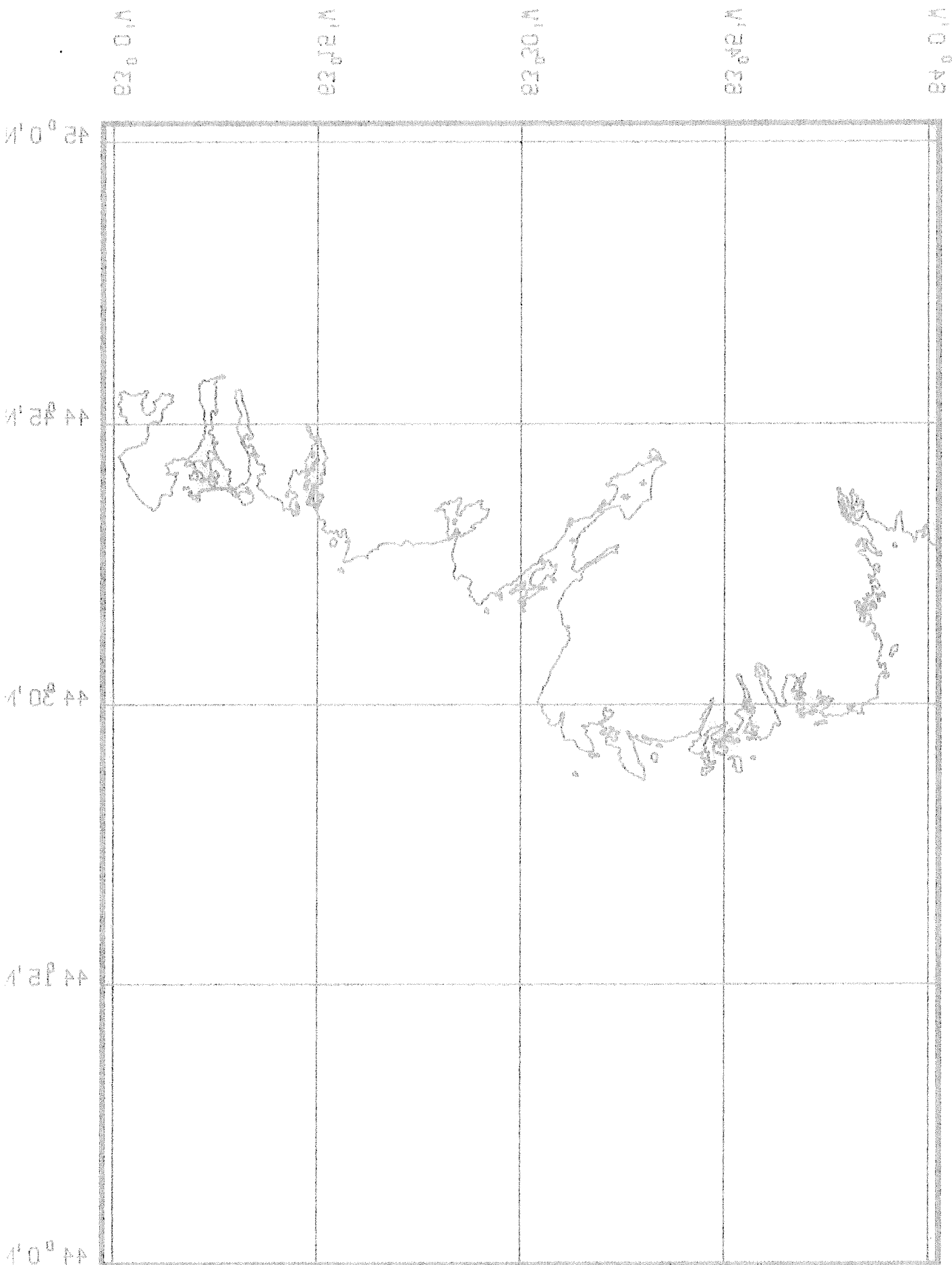
44° 30' N

44° 15' N

44° 0' N



SAMPLE LOCATIONS - 89009 PHASE A
1:500,000 (MERCATOR, 45N)



CRUISE 89009 PHASEA - SENIOR SCIENTIST R.MILLER - VESSEL MV NAVICULA

STATION	LATITUDE	LONGITUDE	GEOGRAPHIC AREA	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)
001	44.69783	-63.65000	BEDFORD BASIN (CENTRAL NORTH)	62.00	153	1343	CORE	LEHIGH	
002	44.69750	-63.64866	BEDFORD BASIN (CENTRAL NORTH)	62.00	153	1402	GRAB	VAN VEEN	
003	44.71983	-63.66733	BEDFORD BAY	11.00	153	1600	CORE	LEHIGH	75.0
004	44.72016	-63.66650	BEDFORD BAY	11.00	153	1610	GRAB	VAN VEEN	
005	44.68516	-63.63033	BEDFORD BASIN (CENTRAL SOUTH)	58.00	153	1720	CORE	LEHIGH	50.0
006	44.68566	-63.62650	BEDFORD BASIN (CENTRAL SOUTH)	58.00	153	1744	GRAB	VAN VEEN	
007	44.71950	-63.66683	BEDFORD BAY	14.00	154	1227	GRAB	ECKMAN	
008	44.68516	-63.62916	BEDFORD BASIN (CENTRAL SOUTH)	59.00	154	1326	GRAB	ECKMAN	
009	44.69816	-63.64933	BEDFORD BASIN (CENTRAL NORTH)	67.50	154	1347	GRAB	ECKMAN	
010	44.67716	-63.59966	TUFTS COVE	10.00	157	1230	GRAB	ECKMAN	
011	44.67716	-63.59966	TUFTS COVE	10.00	157	1237	GRAB	VAN VEEN	
012	44.67200	-63.59883	DUFFUS STREET OUTFALL	22.00	157	1305	GRAB	ECKMAN	
013	44.67200	-63.59883	DUFFUS STREET OUTFALL	23.00	157	1315	GRAB	VAN VEEN	
014	44.66216	-63.56000	DARTMOUTH COVE	11.00	157	1350	GRAB	ECKMAN	
015	44.66216	-63.56000	DARTMOUTH COVE	11.00	157	1357	GRAB	VAN VEEN	
016	44.64616	-63.56300	NORTH OF GEORGE'S ISLAND	24.00	157	1412	CORE	LEHIGH	50.0
017	44.64616	-63.56300	NORTH OF GEORGE'S ISLAND	24.00	157	1418	GRAB	VAN VEEN	
018	44.64616	-63.56300	NORTH OF GEORGE'S ISLAND	24.00	157	1423	GRAB	ECKMAN	
019	44.66066	-63.56050	DARTMOUTH COVE	14.00	157	1444	CORE	LEHIGH	45.0
020	44.62766	-63.52616	EASTERN PASSAGE	18.00	164	1233	GRAB	ECKMAN	
021	44.62866	-63.52600	EASTERN PASSAGE	17.00	164	1246	GRAB	VAN VEEN	
022	44.61116	-63.54050	MENABS COVE	27.00	164	1312	GRAB	VAN VEEN	
023	44.61116	-63.54050	MENABS COVE	17.00	164	1316	GRAB	ECKMAN	
024	44.62833	-63.59200	NORTHWEST ARM	11.00	164	1347	CORE	LEHIGH	
025	44.62833	-63.59200	NORTHWEST ARM	11.00	164	1356	GRAB	VAN VEEN	

SAMPLE LOCATIONS - 89009 PHASEC.
1:490,000 (MERCATOR, 46N)

65° 0' W

64° 45' W

64° 30' W

64° 15' W

64° 0' W

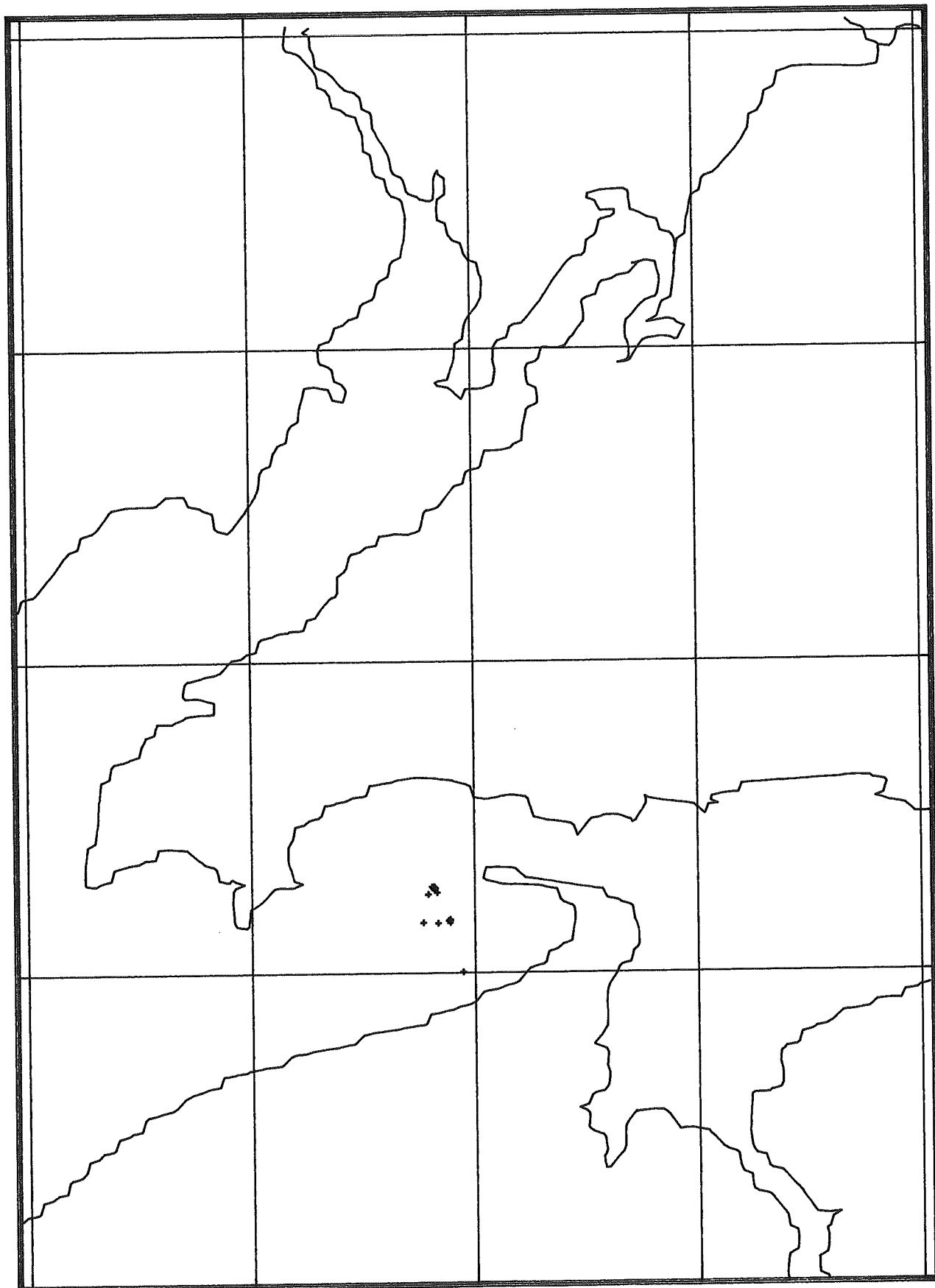
46° 0' N

45° 45' N

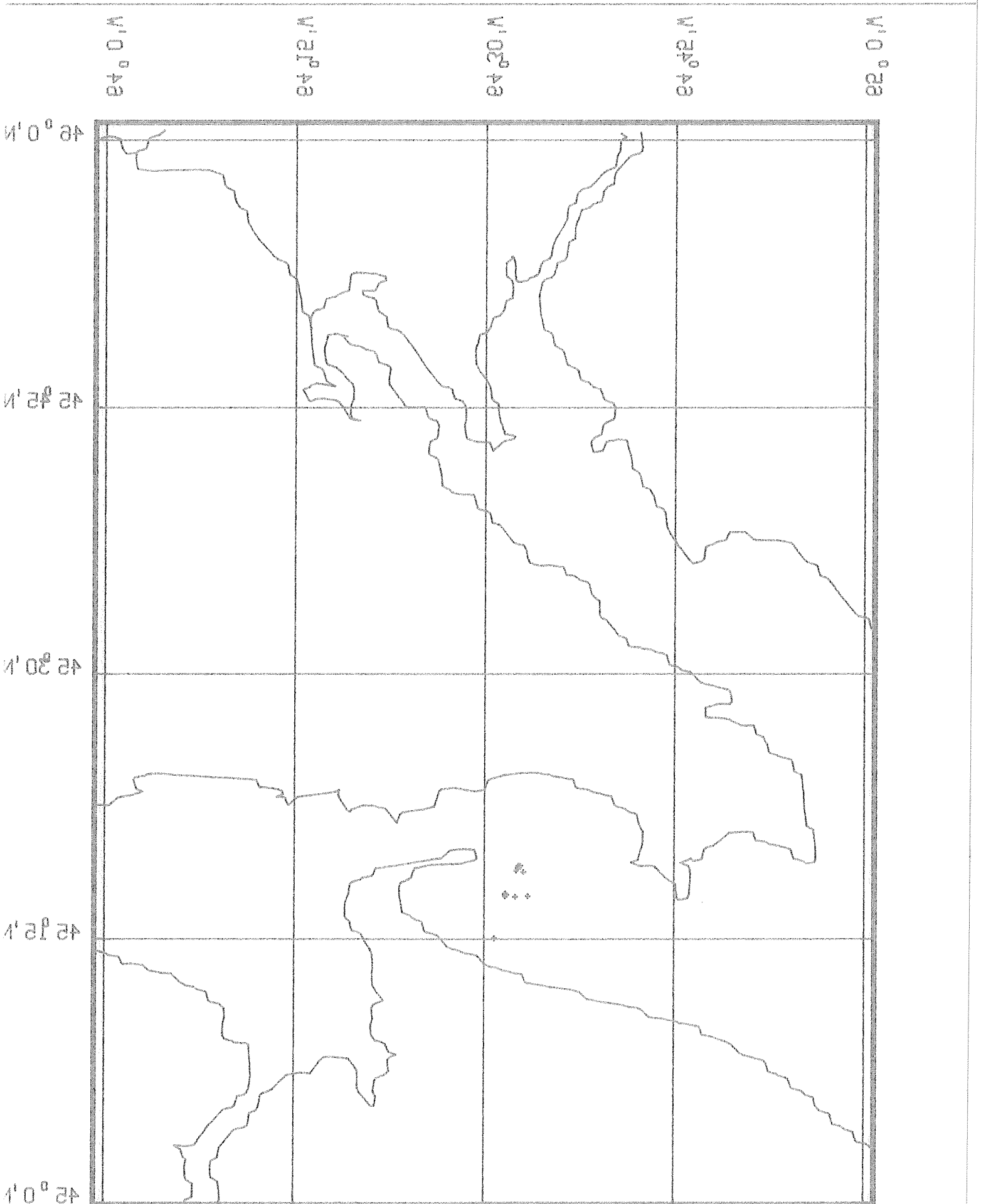
45° 30' N

45° 15' N

45° 0' N



SAMPLE LOCATIONS - 89009 PHASE C.
1:490,000 (MERCATOR, 48N)



CRUISE 89009 PHASEC - SENIOR SCIENTIST R.MILLER - VESSEL MV NAVICULA

STATION	LATITUDE	LONGITUDE	GEOGRAPHIC AREA	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)
001	45.31933	-64.54600	SCOTS BAY	22.00	176	1506	GRAB	VAN VEEN	
001	45.31783	-64.54533	SCOTS BAY	13.00	176	1500	GRAB	VAN VEEN	
001	45.31700	-64.54516	SCOTS BAY	16.00	176	1517	GRAB	VAN VEEN	
001	45.31900	-64.54533	SCOTS BAY	13.00	176	1522	GRAB	VAN VEEN	
001	45.31900	-64.54533	SCOTS BAY	19.00	176	1630	GRAB	VAN VEEN	
001	45.31766	-64.54466	SCOTS BAY	14.00	176	1454	GRAB	VAN VEEN	
001	45.31866	-64.54583	SCOTS BAY	20.00	176	1447	GRAB	VAN VEEN	
001	45.31816	-64.54400	SCOTS BAY	12.00	176	1443	GRAB	VAN VEEN	
001	45.31766	-64.54550	SCOTS BAY	23.00	176	1437	GRAB	VAN VEEN	
001	45.31800	-64.54633	SCOTS BAY	23.00	176	1431	GRAB	VAN VEEN	
001	45.31933	-64.54800	SCOTS BAY	24.00	176	1416	GRAB	VAN VEEN	
001	45.31766	-64.54466	SCOTS BAY	17.00	176	1641	GRAB	VAN VEEN	
001	45.31466	-64.54200	SCOTS BAY	30.00	176	1700	GRAB	VAN VEEN	
001	45.31333	-64.55200	SCOTS BAY	21.00	176	1715	GRAB	VAN VEEN	
002	45.29066	-64.55766	SCOTS BAY	38.00	176	1746	GRAB	VAN VEEN	
003	45.29300	-64.52750	SCOTS BAY	32.00	176	1757	GRAB	VAN VEEN	
003	45.29216	-64.52933	SCOTS BAY	32.00	176	1806	GRAB	VAN VEEN	
003	45.29066	-64.52766	SCOTS BAY	32.00	176	1814	GRAB	VAN VEEN	
003	45.29216	-64.52733	SCOTS BAY	31.00	176	1820	GRAB	VAN VEEN	
004	45.25066	-64.51333	SCOTS BAY	33.00	176	1844	GRAB	VAN VEEN	
004	45.25066	-64.51333	SCOTS BAY	33.00	176	1844	GRAB	VAN VEEN	
005	45.29000	-64.54116	SCOTS BAY	37.00	176	1917	GRAB	VAN VEEN	

SAMPLE LOCATIONS - 89014.
1:835,000 (MERCATOR, 54N)

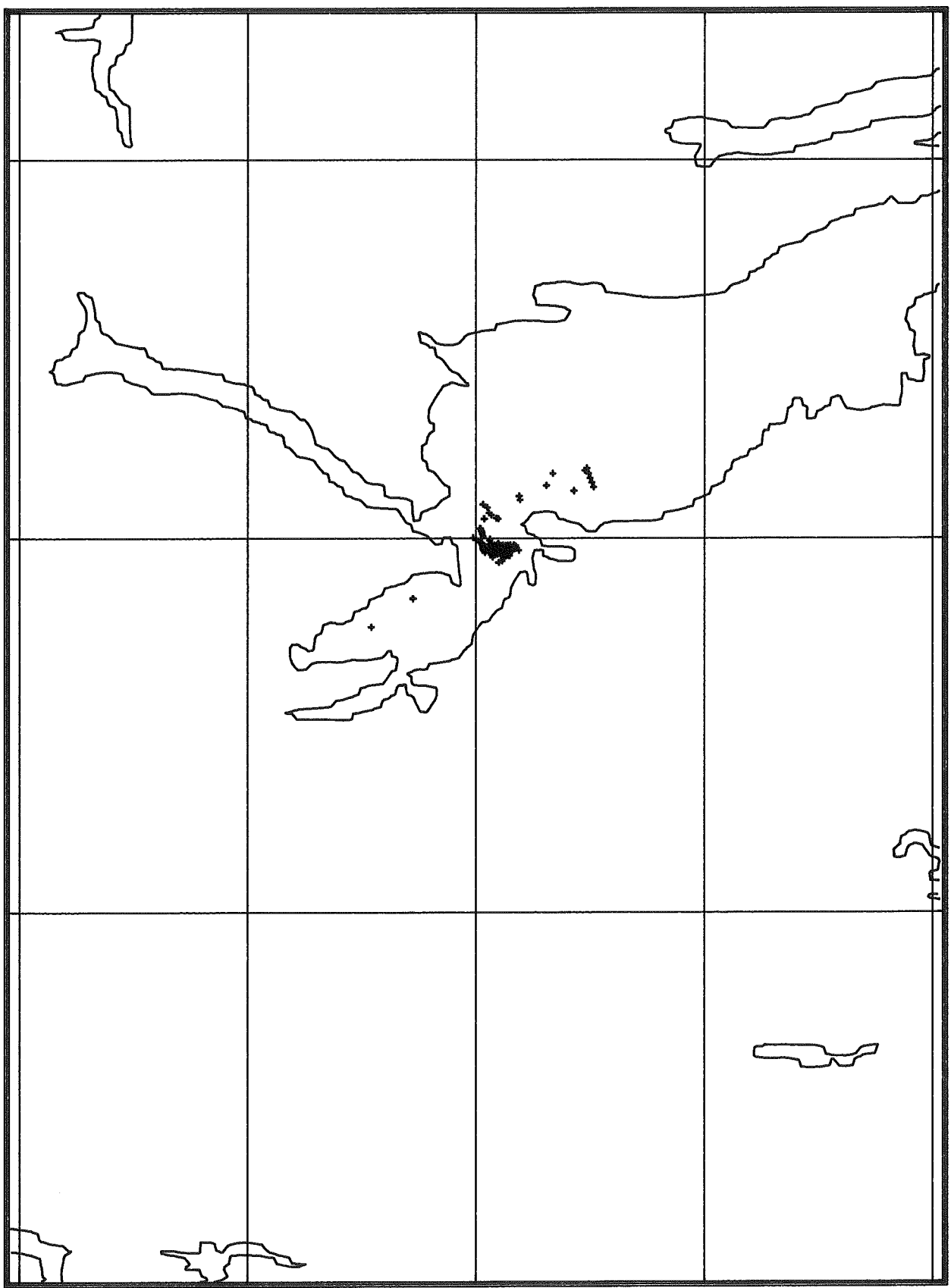
61° 0' 19

60° 0' 09

60° 0' 09

60° 0' 69

60° 0' 69



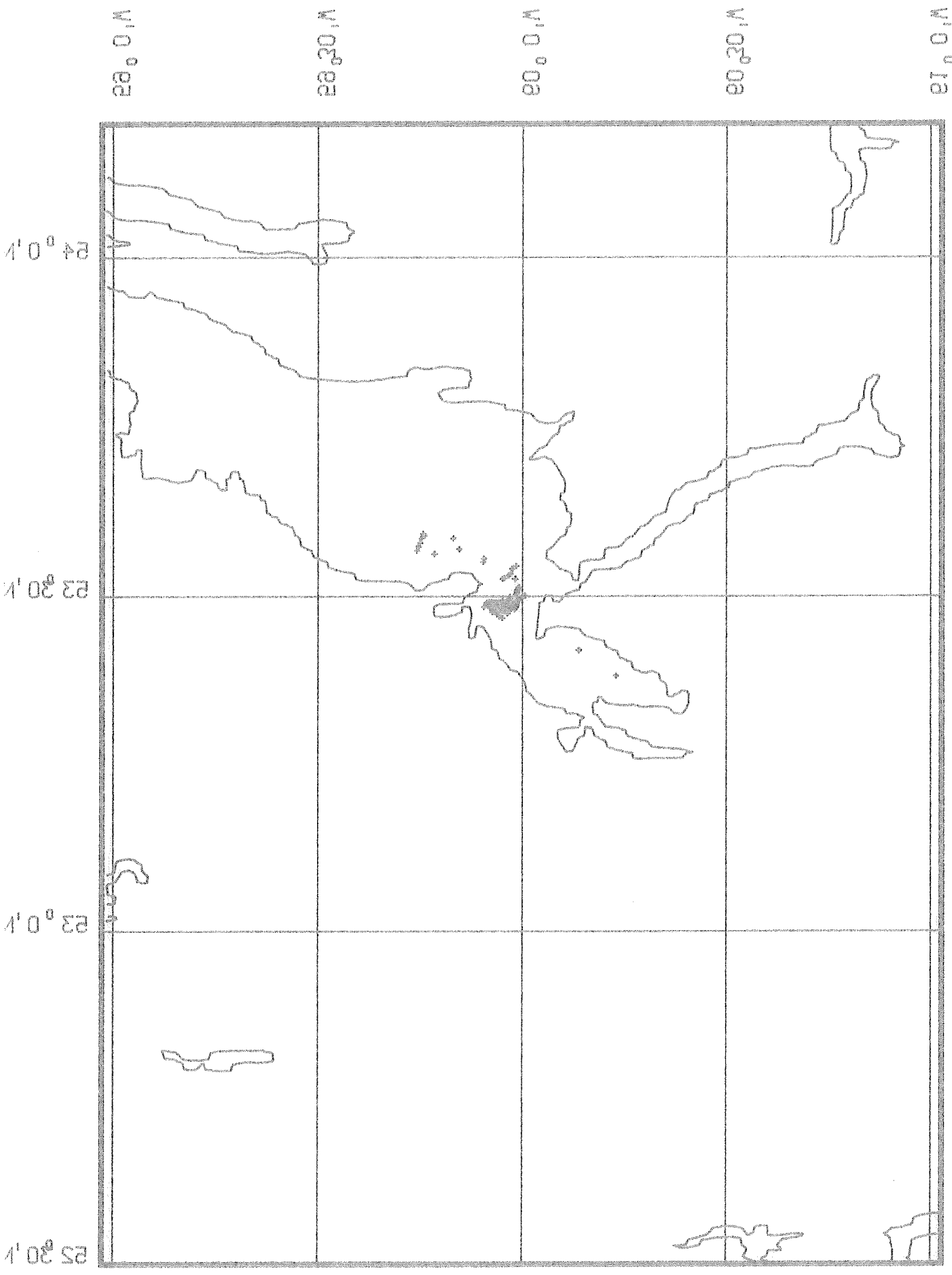
54° 0' N

53° 30' N

53° 0' N

52° 30' N

1:835,000 (MERCATOR, 54N)
SAMPLE LOCATIONS - 89014.



CRUISE 89014 - SENIOR SCIENTIST J.SYVITSKI - VESSEL CSS BAFFIN

STATION	LATITUDE	LONGITUDE	GEOGRAPHIC AREA	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)
001	53.51366	-59.99133	LAKE MELVILLE	90.00	197	1135	CAMERA	UMEL	
002	53.49416	-59.98700	LAKE MELVILLE	53.00	197	1255	CAMERA	UMEL	
003	53.48533	-59.93166	LAKE MELVILLE	47.00	197	1413	CAMERA	UMEL	
004	53.49733	-59.97083	LAKE MELVILLE	55.00	197	1605	CAMERA	UMEL	
005	53.52666	-59.95116	LAKE MELVILLE	105.00	198	1140	CAMERA	UMEL	
006	53.55116	-59.90316	LAKE MELVILLE	94.00	198	1340	CAMERA	UMEL	
007	53.58666	-59.83166	LAKE MELVILLE	106.00	198	1550	CAMERA	UMEL	
008	53.59083	-59.76150	LAKE MELVILLE	155.00	198	1805	CAMERA	UMEL	
090	53.52666	-59.98250	LAKE MELVILLE	94.00	199	730	CAMERA	FLOC	
090	53.52666	-59.98250	LAKE MELVILLE	94.00	199	730	WATER	KNUDSEN	
090	53.52666	-59.98250	LAKE MELVILLE	94.00	199	730	WATER	XBT	
091	53.48533	-59.95333	LAKE MELVILLE	42.00	199	915	CAMERA	FLOC	
091	53.48533	-59.95333	LAKE MELVILLE	42.00	199	915	WATER	KNUDSEN	
091	53.48533	-59.95333	LAKE MELVILLE	42.00	199	915	WATER	XBT	
095	53.38250	-60.22966	GOOSE BAY	55.00	200	1600	WATER	XBT	
095	53.38250	-60.22966	GOOSE BAY	55.00	200	1600	WATER	KNUDSEN	
095	53.38250	-60.22966	GOOSE BAY	55.00	200	1600	CAMERA	FLOC	
096	53.42000	-60.13850	GOOSE BAY	49.00	200	1700	CAMERA	FLOC	
096	53.42000	-60.13850	GOOSE BAY	49.00	200	1700	WATER	KNUDSEN	
096	53.42000	-60.13850	GOOSE BAY	49.00	200	1700	WATER	XBT	
097	53.42000	-60.13850	GOOSE BAY	57.00	200	1800	WATER	XBT	
097	53.42000	-60.13850	GOOSE BAY	57.00	200	1800	WATER	KNUDSEN	
097	53.42000	-60.13850	GOOSE BAY	57.00	200	1800	CAMERA	FLOC	
111	53.47933	-59.95333	KENAMU	36.00	197	1723	GRAB	VAN VEEN	
112	53.48633	-59.96000	KENAMU	63.00	197	1743	GRAB	VAN VEEN	
113	53.48883	-59.96316	KENAMU	42.00	197	1752	GRAB	VAN VEEN	
114	53.49416	-59.96666	KENAMU	46.00	197	1800	GRAB	VAN VEEN	
115	53.49916	-59.96966	KENAMU	50.00	197	1808	GRAB	VAN VEEN	
116	53.50333	-59.98416	KENAMU	84.00	197	1820	GRAB	VAN VEEN	
117	53.50666	-59.98666	KENAMU	84.00	197	1827	GRAB	VAN VEEN	
118	53.50800	-59.98666	KENAMU	84.00	197	1835	GRAB	VAN VEEN	
119	53.51083	-59.98850	KENAMU	86.00	197	1842	GRAB	VAN VEEN	
120	53.51383	-59.99000	KENAMU	88.00	197	1850	GRAB	VAN VEEN	
121	53.48150	-59.98033	KENAMU	34.00	197	2004	GRAB	VAN VEEN	
122	53.48483	-59.98366	KENAMU	36.00	197	2014	GRAB	VAN VEEN	
123	53.48783	-59.98516	KENAMU	43.00	197	2021	GRAB	VAN VEEN	
124	53.49016	-59.98583	KENAMU	50.00	197	2028	GRAB	VAN VEEN	
125	53.49333	-59.98683	KENAMU	54.00	197	2037	GRAB	VAN VEEN	
126	53.47000	-59.94333	KENAMU	27.60	197	2130	GRAB	VAN VEEN	
127	53.47333	-59.94000	KENAMU	29.60	197	2138	GRAB	VAN VEEN	
128	53.47800	-59.93500	KENAMU	20.00	197	2144	GRAB	VAN VEEN	
129	53.48200	-59.93333	KENAMU	30.00	197	2151	GRAB	VAN VEEN	
130	53.48666	-59.93000	KENAMU	37.00	197	2158	GRAB	VAN VEEN	
131	53.57000	-59.84583	LAKE MELVILLE	161.00	198	600	CAMERA	FLOC	
131	53.57000	-59.84583	LAKE MELVILLE	161.00	198	600	WATER	XBT	
132	53.56333	-59.78500	LAKE MELVILLE	154.00	198	747	WATER	XBT	
132	53.56333	-59.78500	LAKE MELVILLE	154.00	198	747	WATER	KNUDSEN	
132	53.56333	-59.78500	LAKE MELVILLE	154.00	198	747	CAMERA	FLOC	
133	53.55633	-59.90533	LAKE MELVILLE	113.00	198	900	CAMERA	FLOC	
133	53.55633	-59.90533	LAKE MELVILLE	113.00	198	900	WATER	KNUDSEN	
133	53.55633	-59.90533	LAKE MELVILLE	113.00	198	900	WATER	XBT	
285	53.56833	-59.74266	KENAMU	159.00	198	2024	GRAB	VAN VEEN	

CRUISE 89014 - SENIOR SCIENTIST J.SYVITSKI - VESSEL CSS BAFFIN

STATION	LATITUDE	LONGITUDE	GEOGRAPHIC AREA	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)
286	53.57466	-59.74633	KENAMU	160.90	198	2050	GRAB	VAN VEEN	
287	53.58000	-59.75000	KENAMU	160.90	198	2110	GRAB	VAN VEEN	
288	53.58666	-59.75333	KENAMU	160.90	198	2125	GRAB	VAN VEEN	
289	53.59333	-59.75750	KENAMU	115.20	198	2139	GRAB	VAN VEEN	
290	53.46883	-59.95083	KENAMU	24.80	199	3	GRAB	VAN VEEN	
291	53.47583	-59.95316	KENAMU	28.40	199	8	GRAB	VAN VEEN	
292	53.47916	-59.96016	KENAMU	34.00	199	13	GRAB	VAN VEEN	
293	53.48183	-59.96666	KENAMU	38.00	199	18	GRAB	VAN VEEN	
294	53.48533	-59.97500	KENAMU	45.00	199	24	GRAB	VAN VEEN	
295	53.48866	-59.98166	KENAMU	50.00	199	29	GRAB	VAN VEEN	
296	53.49266	-59.98666	KENAMU	51.00	199	34	GRAB	VAN VEEN	
297	53.49583	-59.99250	KENAMU	51.00	199	39	GRAB	VAN VEEN	
298	53.49833	-59.99916	KENAMU	53.00	199	44	GRAB	VAN VEEN	
299	53.50166	-60.00600	KENAMU	54.00	199	49	GRAB	VAN VEEN	
300	53.52700	-59.95583	KENAMU	100.60	199	1923	GRAB	VAN VEEN	
301	53.53133	-59.96666	KENAMU	102.00	199	1939	GRAB	VAN VEEN	
302	53.53416	-59.97166	KENAMU	101.00	199	1948	GRAB	VAN VEEN	
303	53.54133	-59.97500	KENAMU	103.00	199	2001	GRAB	VAN VEEN	
304	53.54500	-59.98400	KENAMU	102.00	199	2011	GRAB	VAN VEEN	
306	53.48850	-59.92500	KENAMU	25.90	199	1251	GRAB	VAN VEEN	
307	53.48900	-59.93416	KENAMU	25.00	199	1259	GRAB	VAN VEEN	
308	53.48983	-59.94083	KENAMU	34.00	199	1305	GRAB	VAN VEEN	
309	53.48816	-59.94350	KENAMU	46.00	199	1312	GRAB	VAN VEEN	
310	53.48783	-59.94916	KENAMU	56.00	199	1320	GRAB	VAN VEEN	
311	53.48750	-59.95500	KENAMU	62.00	199	1327	GRAB	VAN VEEN	
312	53.48783	-59.96116	KENAMU	42.00	199	1335	GRAB	VAN VEEN	
313	53.48666	-59.96516	KENAMU	71.00	199	1343	GRAB	VAN VEEN	
314	53.48550	-59.97183	KENAMU	49.00	199	1350	GRAB	VAN VEEN	
315	53.49250	-59.97150	KENAMU	62.00	199	1140	GRAB	VAN VEEN	
316	53.49183	-59.96633	KENAMU	50.00	199	1148	GRAB	VAN VEEN	
317	53.49166	-59.95983	KENAMU	49.00	199	1155	GRAB	VAN VEEN	
318	53.49166	-59.95466	KENAMU	30.00	199	1203	GRAB	VAN VEEN	
319	53.49316	-59.95166	KENAMU	12.60	199	1206	GRAB	VAN VEEN	
320	53.49166	-59.94666	KENAMU	29.90	199	1214	GRAB	VAN VEEN	
321	53.49166	-59.94150	KENAMU	26.50	199	1219	GRAB	VAN VEEN	
322	53.49183	-59.93500	KENAMU	33.00	199	1226	GRAB	VAN VEEN	
323	53.49183	-59.93033	KENAMU	29.80	199	1233	GRAB	VAN VEEN	
324	53.49116	-59.92416	KENAMU	28.60	199	1242	GRAB	VAN VEEN	
325	53.48316	-59.93183	KENAMU	48.00	199	1445	GRAB	VAN VEEN	
326	53.48266	-59.93483	KENAMU	28.00	199	1440	GRAB	VAN VEEN	
327	53.48316	-59.94000	KENAMU	39.00	199	1435	GRAB	VAN VEEN	
328	53.48350	-59.94500	KENAMU	36.00	199	1430	GRAB	VAN VEEN	
329	53.48283	-59.95000	KENAMU	43.00	199	1424	GRAB	VAN VEEN	
330	53.48166	-59.95700	KENAMU	38.00	199	1417	GRAB	VAN VEEN	
331	53.48150	-59.96150	KENAMU	39.00	199	1412	GRAB	VAN VEEN	
332	53.48116	-59.96633	KENAMU	38.00	199	1406	GRAB	VAN VEEN	
333	53.48166	-59.97166	KENAMU	36.00	199	1400	GRAB	VAN VEEN	
334	53.48066	-59.94500	KENAMU	38.00	199	1501	GRAB	VAN VEEN	
335	53.47850	-59.93833	KENAMU	26.00	199	1455	GRAB	VAN VEEN	
500	53.48500	-59.92500	KENAMU DELTA	36.00	196	1241	GRAB	ECKMAN	
501	53.48450	-59.90666	KENAMU DELTA	25.00	196	1307	GRAB	ECKMAN	
502	53.48383	-59.92250	KENAMU DELTA	21.00	196	1320	GRAB	ECKMAN	

CRUISE 89014 - SENIOR SCIENTIST J.SYVITSKI - VESSEL CSS BAFFIN

STATION	LATITUDE	LONGITUDE	GEOGRAPHIC AREA	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)
503	53.48366	-59.92200	KENAMU DELTA	15.00	196	1333	GRAB	ECKMAN	
504	53.48366	-59.92150	KENAMU DELTA	10.00	196	1346	GRAB	ECKMAN	
505	53.48333	-59.92100	KENAMU DELTA	2.00	196	1354	GRAB	ECKMAN	
506	53.48750	-59.91966	KENAMU DELTA	21.00	196	1403	GRAB	ECKMAN	
507	53.48716	-59.91850	KENAMU DELTA	19.00	196	1416	GRAB	ECKMAN	
508	53.48700	-59.91800	KENAMU DELTA	15.00	196	1424	GRAB	ECKMAN	
509	53.48666	-59.91733	KENAMU DELTA	10.00	196	1431	GRAB	ECKMAN	
510	53.48650	-59.91700	KENAMU DELTA	5.00	196	1440	GRAB	ECKMAN	
511	53.49166	-59.91683	KENAMU DELTA	22.00	196	1529	GRAB	ECKMAN	
512	53.49133	-59.91616	KENAMU DELTA	20.00	196	1538	GRAB	ECKMAN	
513	53.49033	-59.91483	KENAMU DELTA	15.00	196	1553	GRAB	ECKMAN	
514	53.49000	-59.91366	KENAMU DELTA	10.00	196	1557	GRAB	ECKMAN	
515	53.48966	-59.91333	KENAMU DELTA	3.00	196	1607	GRAB	ECKMAN	
516	53.47750	-59.94200	KENAMU DELTA	29.00	196	1617	GRAB	ECKMAN	
517	53.47750	-59.93583	KENAMU DELTA	25.00	196	1626	GRAB	ECKMAN	
518	53.47750	-59.93366	KENAMU DELTA	20.00	196	1635	GRAB	ECKMAN	
519	53.47750	-59.92883	KENAMU DELTA	15.00	196	1645	GRAB	ECKMAN	
520	53.47750	-59.92750	KENAMU DELTA	10.00	196	1653	GRAB	ECKMAN	
521	53.47750	-59.92633	KENAMU DELTA	5.00	196	1657	GRAB	ECKMAN	

SAMPLE LOCATIONS - 89026.
1:1,450,000 (MERCATOR, 48N)

56° 0' W

55° 0' W

54° 0' W

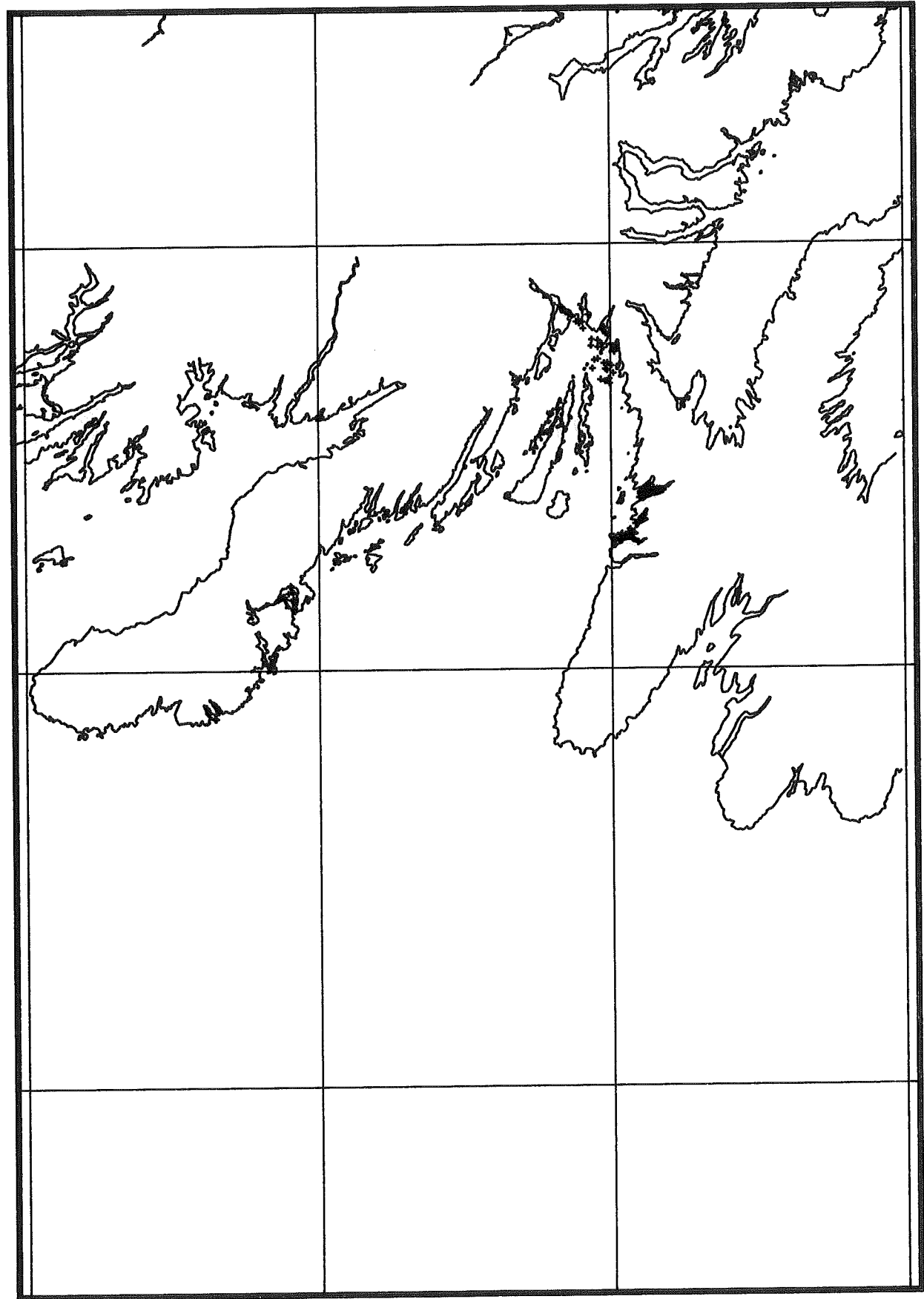
53° 0' W

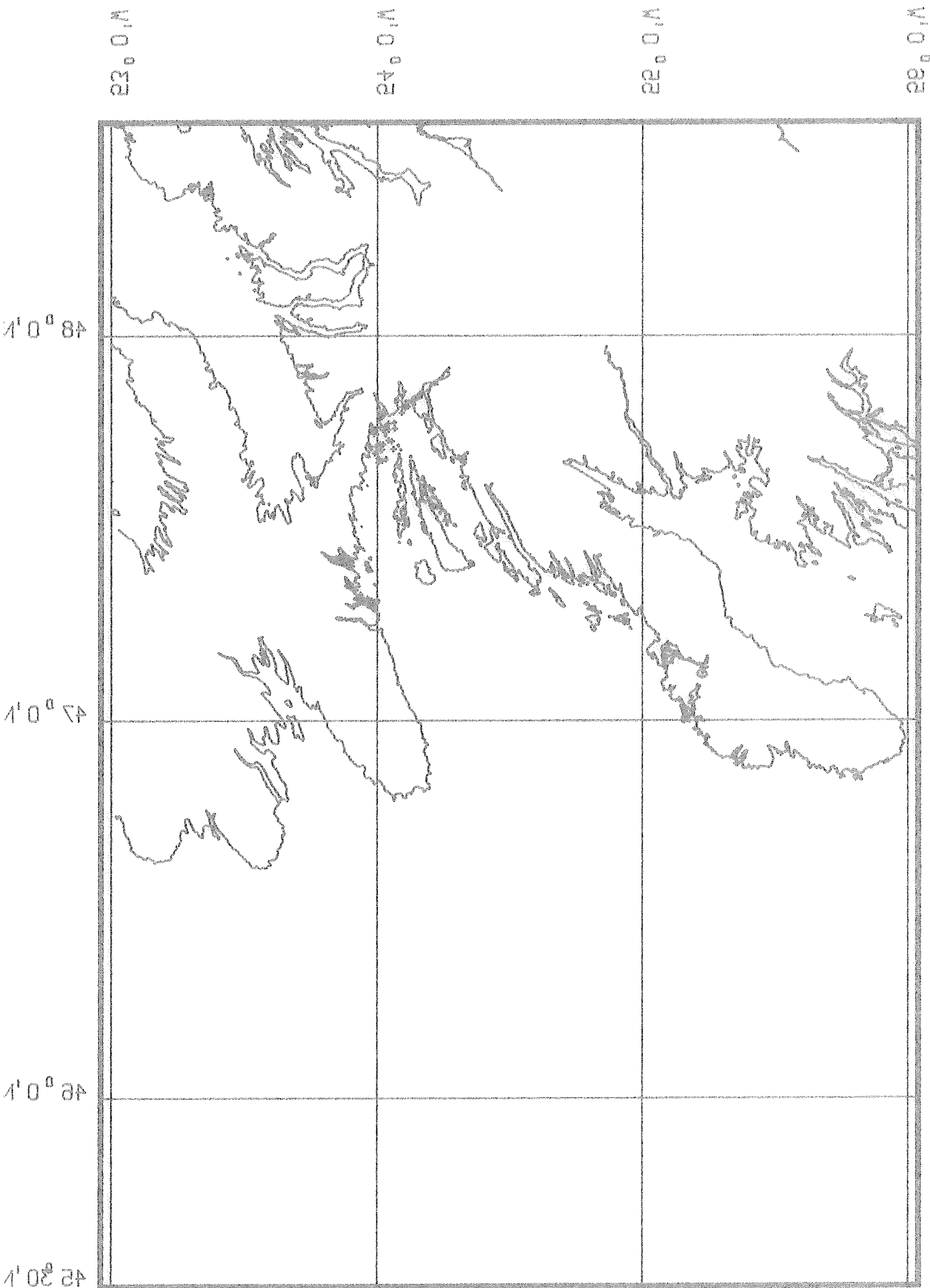
48° 0' N

47° 0' N

46° 0' N

45° 30' N





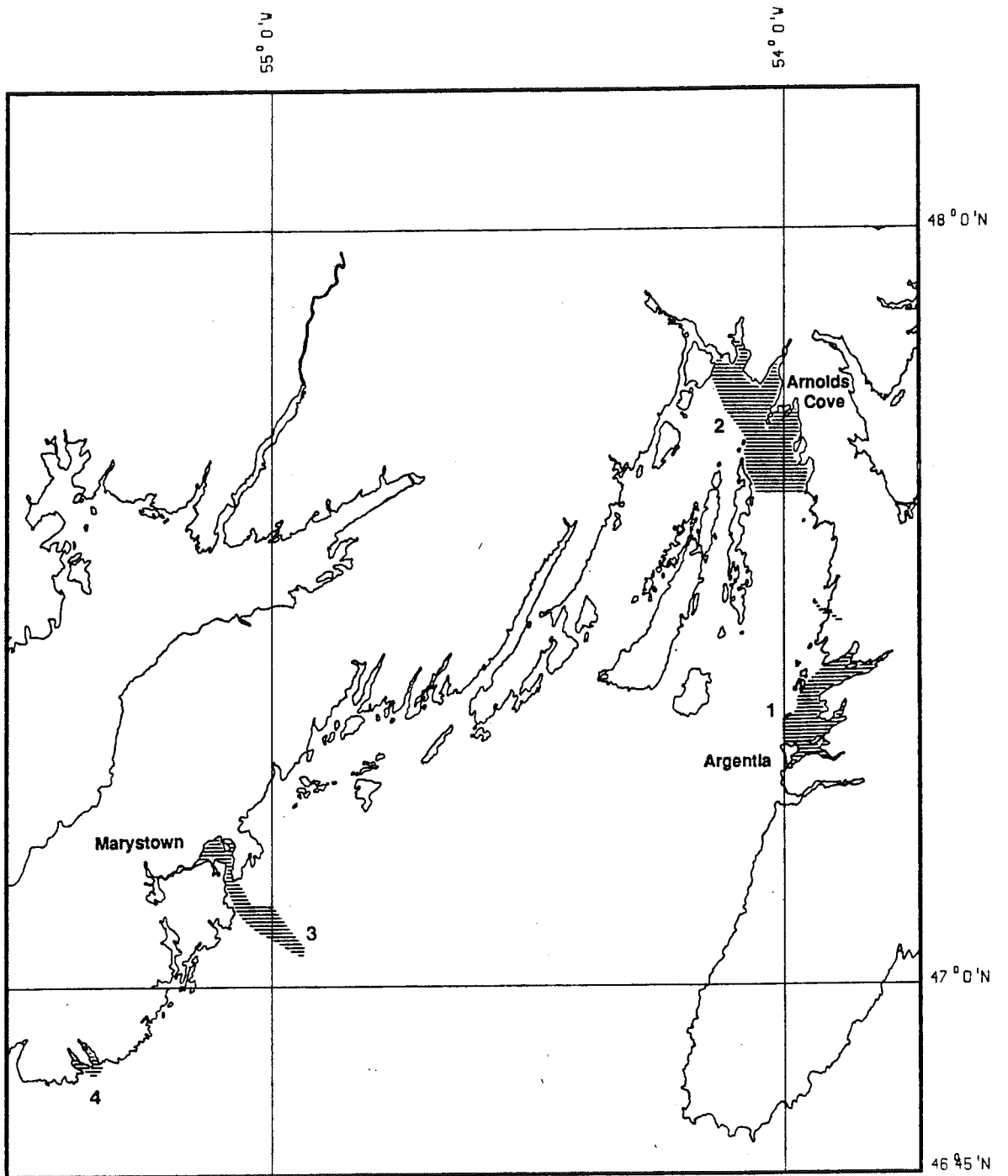


Figure 1: Regional setting. Survey areas are shaded.



CRUISE 89026 - SENIOR SCIENTIST J.SHAW - VESSEL MV NAVICULA

STATION	LATITUDE	LONGITUDE	GEOGRAPHIC AREA	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)
001	47.30333	-53.96467	ARGENTIA HARBOUR	36.00	271	1310	CORE	BENTHOS GRAVITY	113.0
002	47.30533	-53.92433	PLACENTIA SOUND	82.00	271	1330	CORE	BENTHOS GRAVITY	87.0
003	47.30067	-53.91133	PLACENTIA SOUND	40.00	271	1350	CORE	BENTHOS GRAVITY	44.0
004	47.30000	-53.90950	PLACENTIA SOUND	34.00	271	1415	GRAB	VAN VEEN	
005	47.29900	-53.90800	PLACENTIA SOUND	26.00	271	1422	GRAB	VAN VEEN	
006	47.30783	-53.92800	PLACENTIA SOUND	88.00	271	1446	GRAB	VAN VEEN	
007	47.31533	-53.93333	PLACENTIA SOUND	16.00	271	1456	GRAB	VAN VEEN	
008	47.31700	-53.93067	PLACENTIA SOUND	16.00	271	1502	GRAB	VAN VEEN	
009	47.31833	-53.93533	PLACENTIA SOUND	14.00	271	1514	GRAB	VAN VEEN	
010	47.31217	-53.93983	PLACENTIA SOUND	10.00	271	1523	GRAB	VAN VEEN	
011	47.31050	-53.94833	PLACENTIA SOUND	12.00	271	1529	GRAB	VAN VEEN	
012	47.31017	-53.95400	PLACENTIA SOUND	52.00	271	1536	GRAB	VAN VEEN	
013	47.30433	-53.96417	ARGENTIA HARBOUR	42.50	271	1547	GRAB	VAN VEEN	
014	47.30283	-53.97367	ARGENTIA HARBOUR	13.00	271	1600	GRAB	VAN VEEN	
015	47.30983	-53.98450	ARGENTIA HARBOUR	27.00	271	1607	GRAB	VAN VEEN	
016	47.36483	-53.88950	SHIP HARBOUR	25.00	272	1620	GRAB	VAN VEEN	
017	47.36267	-53.89017	SHIP HARBOUR	26.00	272	1625	GRAB	VAN VEEN	
018	47.35950	-53.89650	SHIP HARBOUR	18.00	272	1639	GRAB	VAN VEEN	
019	47.35483	-53.89450	SHIP HARBOUR	32.00	272	1645	GRAB	VAN VEEN	
020	47.35567	-53.90050	SHIP HARBOUR	25.00	272	1656	GRAB	VAN VEEN	
021	47.35050	-53.90633	SHIP HARBOUR	19.00	272	1703	GRAB	VAN VEEN	
022	47.34917	-53.90550	SHIP HARBOUR	32.00	272	1708	GRAB	VAN VEEN	
023	47.33067	-53.93617	SHIP HARBOUR	36.00	274	1318	GRAB	VAN VEEN	
024	47.34333	-53.91833	SHIP HARBOUR	13.00	272	1718	GRAB	VAN VEEN	
025	47.34350	-53.91300	MOUTH OF ARGENTIA HARBOUR	30.00	274	1340	GRAB	VAN VEEN	
026	47.31983	-53.96300	MOUTH OF ARGENTIA HARBOUR	16.00	274	1406	GRAB	VAN VEEN	
027	47.31733	-53.96667	MOUTH OF ARGENTIA HARBOUR	13.00	274	1413	GRAB	VAN VEEN	
028	47.30267	-53.96600	ARGENTIA HARBOUR	41.00	274	1657	CORE	BENTHOS GRAVITY	103.0
029	47.30500	-53.99233	PLACENTIA SOUND	80.00	274	1715	CORE	BENTHOS GRAVITY	122.0
030	47.29967	-53.90933	PLACENTIA SOUND	35.00	274	1734	CORE	BENTHOS GRAVITY	85.5
031	47.29967	-53.90867	PLACENTIA SOUND	33.00	274	1748	CORE	BENTHOS GRAVITY	82.0
032	47.67367	-54.00350	EASTERN CHANNEL, PLACENTIA BAY	125.00	281	1302	GRAB	VAN VEEN	
033	47.67800	-54.01850	EASTERN CHANNEL, PLACENTIA BAY	112.00	281	1316	GRAB	VAN VEEN	
034	47.68283	-54.03300	EASTERN CHANNEL, PLACENTIA BAY	205.00	281	1330	GRAB	VAN VEEN	
035	47.68433	-54.00433	EASTERN CHANNEL, PLACENTIA BAY	154.00	281	1354	GRAB	VAN VEEN	
036	47.69717	-53.99000	EASTERN CHANNEL, PLACENTIA BAY	66.00	281	1408	GRAB	VAN VEEN	

CRUISE 89026 - SENIOR SCIENTIST J.SHAW - VESSEL MV NAVICULA

STATION	LATITUDE	LONGITUDE	GEOGRAPHIC AREA	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)
037	47.70433	-54.01133	EASTERN CHANNEL, PLACENTIA BAY	106.00	281	1420	GRAB	VAN VEEN	
038	47.71500	-53.99650	EASTERN CHANNEL, PLACENTIA BAY	62.00	281	1433	GRAB	VAN VEEN	
039	47.74783	-53.98733	GREAT SOUTHERN HARBOUR, PLACENTIA BAY	17.00	281	1448	GRAB	VAN VEEN	
040	47.75483	-53.97850	GREAT SOUTHERN HARBOUR, PLACENTIA BAY	8.00	281	1455	GRAB	VAN VEEN	
041	47.72017	-54.02167	EASTERN CHANNEL, PLACENTIA BAY	125.00	281	1515	GRAB	VAN VEEN	
042	47.73083	-54.04267	EASTERN CHANNEL, PLACENTIA BAY	97.00	281	1603	GRAB	VAN VEEN	
043	47.72867	-54.05467	EASTERN CHANNEL, PLACENTIA BAY	235.00	281	1612	GRAB	VAN VEEN	
044	47.70800	-54.06167	EASTERN CHANNEL, PLACENTIA BAY	275.00	281	1633	GRAB	VAN VEEN	
045	47.70700	-54.01617	EASTERN CHANNEL, PLACENTIA BAY	110.00	281	1701	CORE	BENTHOS GRAVITY	144.0
046	47.72133	-54.01067	EASTERN CHANNEL, PLACENTIA BAY	118.00	281	1718	CORE	BENTHOS GRAVITY	43.0
047	47.76167	-54.06667	ENTRANCE TO COME BY CHANCE	135.00	281	1743	CORE	BENTHOS GRAVITY	45.0
048	47.83133	-54.13167	ENTRANCE TO PIPERS HOLE	54.00	281	1824	CORE	BENTHOS GRAVITY	69.0
049	47.84800	-54.16000	ENTRANCE TO PIPERS HOLE	27.00	281	1840	CORE	BENTHOS GRAVITY	27.0
050	47.85250	-54.16567	ENTRANCE TO PIPERS HOLE	23.00	281	1849	CORE	BENTHOS GRAVITY	79.0
051	47.85667	-54.17167	ENTRANCE TO PIPERS HOLE	7.50	281	1900	GRAB	VAN VEEN	
052	47.85100	-54.16417	ENTRANCE TO PIPERS HOLE	27.00	281	1907	GRAB	VAN VEEN	
053	47.84033	-54.14133	ENTRANCE TO PIPERS HOLE	42.00	281	1915	GRAB	VAN VEEN	
054	47.81800	-54.11600	OFF ENTRANCE TO NORTH HARBOUR, PLACENTIA BAY	53.00	281	1928	GRAB	VAN VEEN	
055	47.81450	-54.10633	ENTRANCE TO NORTH HARBOUR, PLACENTIA BAY	43.00	281	1937	GRAB	VAN VEEN	
056	47.81783	-54.09533	NORTH HARBOUR, PLACENTIA BAY	47.00	281	1947	GRAB	VAN VEEN	
057	47.83467	-54.07667	NORTH HARBOUR, PLACENTIA BAY	18.00	281	1957	GRAB	VAN VEEN	
058	47.84667	-54.09300	NORTH HARBOUR, PLACENTIA BAY	18.00	281	2008	GRAB	VAN VEEN	
059	47.80250	-54.09250	OFF ENTRANCE TO NORTH HARBOUR, PLACENTIA BAY	115.00	281	2029	GRAB	VAN VEEN	

CRUISE 89026 - SENIOR SCIENTIST J.SHAW - VESSEL MV NAVICULA

STATION	LATITUDE	LONGITUDE	GEOGRAPHIC AREA	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)
060	47.77633	-54.06483	ENTRANCE TO COME BY CHANCE	116.00	281	2050	GRAB	VAN VEEN	
061	47.80550	-54.02233	COME BY CHANCE	28.00	281	2108	GRAB	VAN VEEN	
062	47.79883	-54.02633	COME BY CHANCE	42.00	281	2113	GRAB	VAN VEEN	
063	47.79383	-54.01683	COME BY CHANCE	12.50	281	2120	GRAB	VAN VEEN	
064	47.79017	-54.01567	COME BY CHANCE	12.50	281	2125	GRAB	VAN VEEN	
065	47.77417	-54.04250	COME BY CHANCE	72.00	281	2138	GRAB	VAN VEEN	
066	47.76617	-54.03000	COME BY CHANCE	38.00	281	2150	GRAB	VAN VEEN	
067	47.75867	-54.04200	COME BY CHANCE	89.00	281	2156	GRAB	VAN VEEN	
068	47.43750	-53.87067	LONG HARBOUR, ST. CROIX BAY	37.00	284	1329	GRAB	VAN VEEN	
069	47.43433	-53.87533	LONG HARBOUR, ST. CROIX BAY	40.00	284	1337	GRAB	VAN VEEN	
070	47.43167	-53.88033	LONG HARBOUR, ST. CROIX BAY	39.00	284	1344	GRAB	VAN VEEN	
071	47.42833	-53.88517	LONG HARBOUR, ST. CROIX BAY	44.00	284	1349	GRAB	VAN VEEN	
072	47.42567	-53.88983	LONG HARBOUR, ST. CROIX BAY	49.00	284	1356	GRAB	VAN VEEN	
073	47.42167	-53.89567	LONG HARBOUR, ST. CROIX BAY	46.00	284	1404	GRAB	VAN VEEN	
074	47.41817	-53.90183	LONG HARBOUR	46.00	284	1410	GRAB	VAN VEEN	
075	47.41333	-53.90183	LONG HARBOUR	63.00	284	1419	GRAB	VAN VEEN	
076	47.41350	-53.89417	LONG HARBOUR	71.00	284	1426	GRAB	VAN VEEN	
077	47.41417	-53.88750	LONG HARBOUR	60.00	284	1433	GRAB	VAN VEEN	
078	47.41567	-53.88150	LONG HARBOUR	57.00	284	1441	GRAB	VAN VEEN	
079	47.41867	-53.88983	LONG HARBOUR	53.00	284	1453	GRAB	VAN VEEN	
080	47.41483	-53.87583	LONG HARBOUR	55.00	284	1503	GRAB	VAN VEEN	
081	47.41667	-53.86950	LONG HARBOUR	51.00	284	1508	GRAB	VAN VEEN	
082	47.41567	-53.86183	LONG HARBOUR	45.00	284	1514	GRAB	VAN VEEN	
083	47.41850	-53.85650	LONG HARBOUR	53.00	284	1603	GRAB	VAN VEEN	
084	47.41917	-53.84933	LONG HARBOUR	22.00	284	1615	GRAB	VAN VEEN	
085	47.41950	-53.84333	LONG HARBOUR	16.00	284	1622	GRAB	VAN VEEN	
086	47.41983	-53.83817	LONG HARBOUR	28.00	284	1630	GRAB	VAN VEEN	
087	47.42017	-53.83483	LONG HARBOUR	29.00	284	1644	GRAB	VAN VEEN	
088	47.42000	-53.83183	LONG HARBOUR	17.00	284	1649	GRAB	VAN VEEN	
089	47.42033	-53.83083	LONG HARBOUR	14.00	284	1654	GRAB	VAN VEEN	
090	47.42200	-53.82800	LONG HARBOUR	11.00	284	1703	GRAB	VAN VEEN	
091	47.42283	-53.82600	LONG HARBOUR	9.00	284	1710	GRAB	VAN VEEN	
092	47.42317	-53.82583	LONG HARBOUR	8.00	284	1718	GRAB	VAN VEEN	
093	47.42367	-53.82967	LONG HARBOUR	11.00	284	1728	GRAB	VAN VEEN	
094	47.42333	-53.83183	LONG HARBOUR	12.00	284	1740	GRAB	VAN VEEN	
095	47.42333	-53.83400	LONG HARBOUR	12.00	284	1744	GRAB	VAN VEEN	
096	47.42367	-53.83633	LONG HARBOUR	13.00	284	1753	GRAB	VAN VEEN	
097	47.42483	-53.84467	LONG HARBOUR	23.00	284	1959	GRAB	VAN VEEN	
098	47.42617	-53.85650	LONG HARBOUR	19.00	284	1805	GRAB	VAN VEEN	
099	47.42600	-53.85600	LONG HARBOUR	12.00	284	1813	GRAB	VAN VEEN	
100	47.42167	-53.84733	LONG HARBOUR	26.00	284	1819	GRAB	VAN VEEN	
101	47.42083	-53.82817	LONG HARBOUR	12.00	284	1830	GRAB	VAN VEEN	
102	47.42183	-53.82467	LONG HARBOUR	12.00	284	1839	GRAB	VAN VEEN	
103	47.42283	-53.83183	LONG HARBOUR	13.00	284	1844	GRAB	VAN VEEN	
104	47.41850	-53.83550	LONG HARBOUR	29.00	284	1850	GRAB	VAN VEEN	

CRUISE 89026 - SENIOR SCIENTIST J. SHAW - VESSEL MV NAVICULA

STATION	LATITUDE	LONGITUDE	GEOGRAPHIC AREA	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)
105	47.41767	-53.84167	LONG HARBOUR	33.00	284	1854	GRAB	VAN VEEN	
106	47.41583	-53.84900	LONG HARBOUR	36.00	284	1905	GRAB	VAN VEEN	
107	47.41467	-53.85417	LONG HARBOUR	31.00	284	1913	GRAB	VAN VEEN	
108	47.41417	-53.85917	LONG HARBOUR	43.00	284	1924	GRAB	VAN VEEN	
109	47.41283	-53.86600	LONG HARBOUR	48.00	284	1935	GRAB	VAN VEEN	
110	47.41183	-53.87217	LONG HARBOUR	46.00	284	1944	GRAB	VAN VEEN	
111	47.41050	-53.87733	LONG HARBOUR	47.00	284	1951	GRAB	VAN VEEN	
112	47.40833	-53.88517	LONG HARBOUR	33.00	284	2001	GRAB	VAN VEEN	
113	47.40733	-53.89350	LONG HARBOUR	19.00	284	2009	GRAB	VAN VEEN	
114	47.40583	-53.89983	LONG HARBOUR	68.00	284	2018	GRAB	VAN VEEN	
115	47.40467	-53.90450	LONG HARBOUR	68.00	284	2031	GRAB	VAN VEEN	
116	47.17500	-55.12100	MORTIER BAY, MARYSTOWN	46.00	287	1152	CORE	BENTHOS GRAVITY	53.0
117	47.17533	-55.12317	MORTIER BAY, MARYSTOWN	47.00	287	1205	CORE	BENTHOS GRAVITY	80.0
118	47.14100	-55.08367	MORTIER BAY, MARYSTOWN	68.00	284	1228	GRAB	VAN VEEN	
119	47.14333	-55.08517	MORTIER BAY, MARYSTOWN	84.00	284	1242	GRAB	VAN VEEN	
120	47.16200	-55.08533	MORTIER BAY, MARYSTOWN	118.00	287	1300	GRAB	VAN VEEN	
121	47.17067	-55.08767	MORTIER BAY, MARYSTOWN	88.00	287	1310	GRAB	VAN VEEN	
122	47.18300	-55.10483	MORTIER BAY, MARYSTOWN	90.00	287	1320	GRAB	VAN VEEN	
123	47.17333	-55.12017	MORTIER BAY, MARYSTOWN	29.00	287	1332	GRAB	VAN VEEN	
124	47.17583	-55.12017	MORTIER BAY, MARYSTOWN	43.00	287	1337	GRAB	VAN VEEN	
125	47.17317	-55.12550	MORTIER BAY, MARYSTOWN	17.50	287	1343	GRAB	VAN VEEN	
126	47.16817	-55.14000	MORTIER BAY, MARYSTOWN	11.00	287	1351	GRAB	VAN VEEN	
127	47.18700	-55.09200	SPANISH ROOM POINT	12.60	287	1733	LAND	TROWEL	
128	47.20150	-55.09750	CASHEL COVE	0.00	287	1814	LAND	TROWEL	
129	47.20167	-55.09733	CASHEL COVE	1.70	287	1825	LAND	TROWEL	
130	47.20050	-55.09667	CASHEL COVE	0.00	287	1840	LAND	TROWEL	
131	46.90417	-55.34300	LITTLE ST. LAWRENCE HARBOUR	53.00	288	1616	FAIL	BENTHOS GRAVITY	0.0
132	46.91833	-55.35417	LITTLE ST. LAWRENCE HARBOUR	18.00	288	1633	FAIL	BENTHOS GRAVITY	0.0
133	46.91783	-55.35317	LITTLE ST. LAWRENCE HARBOUR	18.00	288	1641	GRAB	VAN VEEN	
134	46.91417	-55.35000	LITTLE ST. LAWRENCE HARBOUR	22.00	288	1647	GRAB	VAN VEEN	
135	46.90967	-55.34650	LITTLE ST. LAWRENCE HARBOUR	28.00	288	1653	GRAB	VAN VEEN	
136	46.90633	-55.34200	LITTLE ST. LAWRENCE HARBOUR	47.00	288	1714	GRAB	VAN VEEN	
137	46.90417	-55.34300	LITTLE ST. LAWRENCE HARBOUR	105.00	288	1722	GRAB	VAN VEEN	

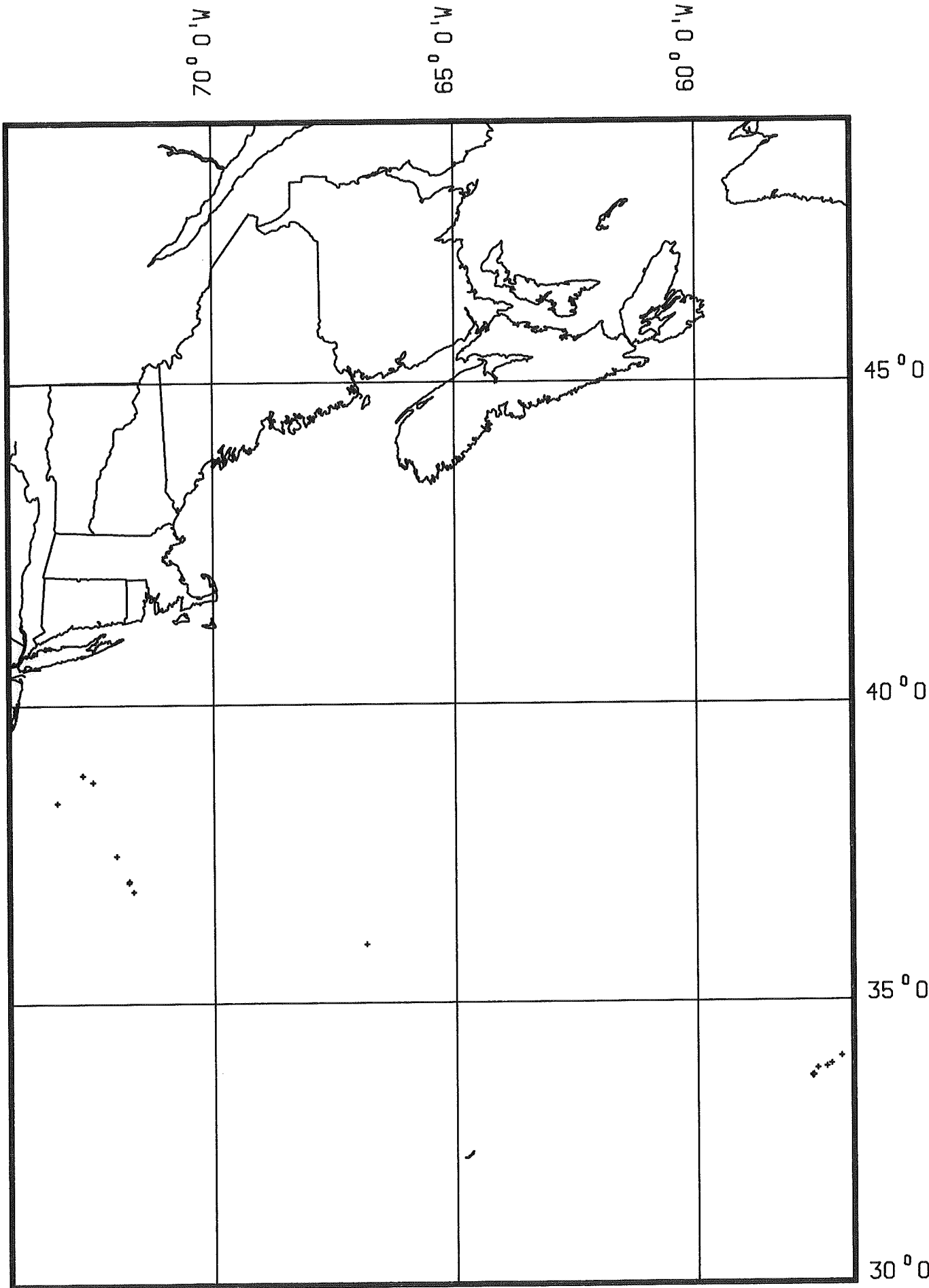
CRUISE 89026 - SENIOR SCIENTIST J. SHAW - VESSEL MV NAVICULA

STATION	LATITUDE	LONGITUDE	GEOGRAPHIC AREA	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)
138	46.91333	-55.38583	GREAT ST. LAWRENCE HARBOUR	14.00	288	1918	GRAB	VAN VEEN	
139	46.90817	-55.38150	GREAT ST. LAWRENCE HARBOUR	19.00	288	1925	GRAB	VAN VEEN	
140	46.90083	-55.37817	GREAT ST. LAWRENCE HARBOUR	35.00	288	1933	GRAB	VAN VEEN	
141	46.88900	-55.35767	GREAT ST. LAWRENCE HARBOUR	57.00	288	1942	GRAB	VAN VEEN	
142	46.88667	-55.35350	GREAT ST. LAWRENCE HARBOUR	63.00	288	1948	GRAB	VAN VEEN	
143	46.88633	-55.35667	GREAT ST. LAWRENCE HARBOUR	56.00	288	1959	GRAB	VAN VEEN	
144	46.90167	-55.37667	GREAT ST. LAWRENCE HARBOUR	37.00	288	2011	CORE	BENTHOS GRAVITY	17.0

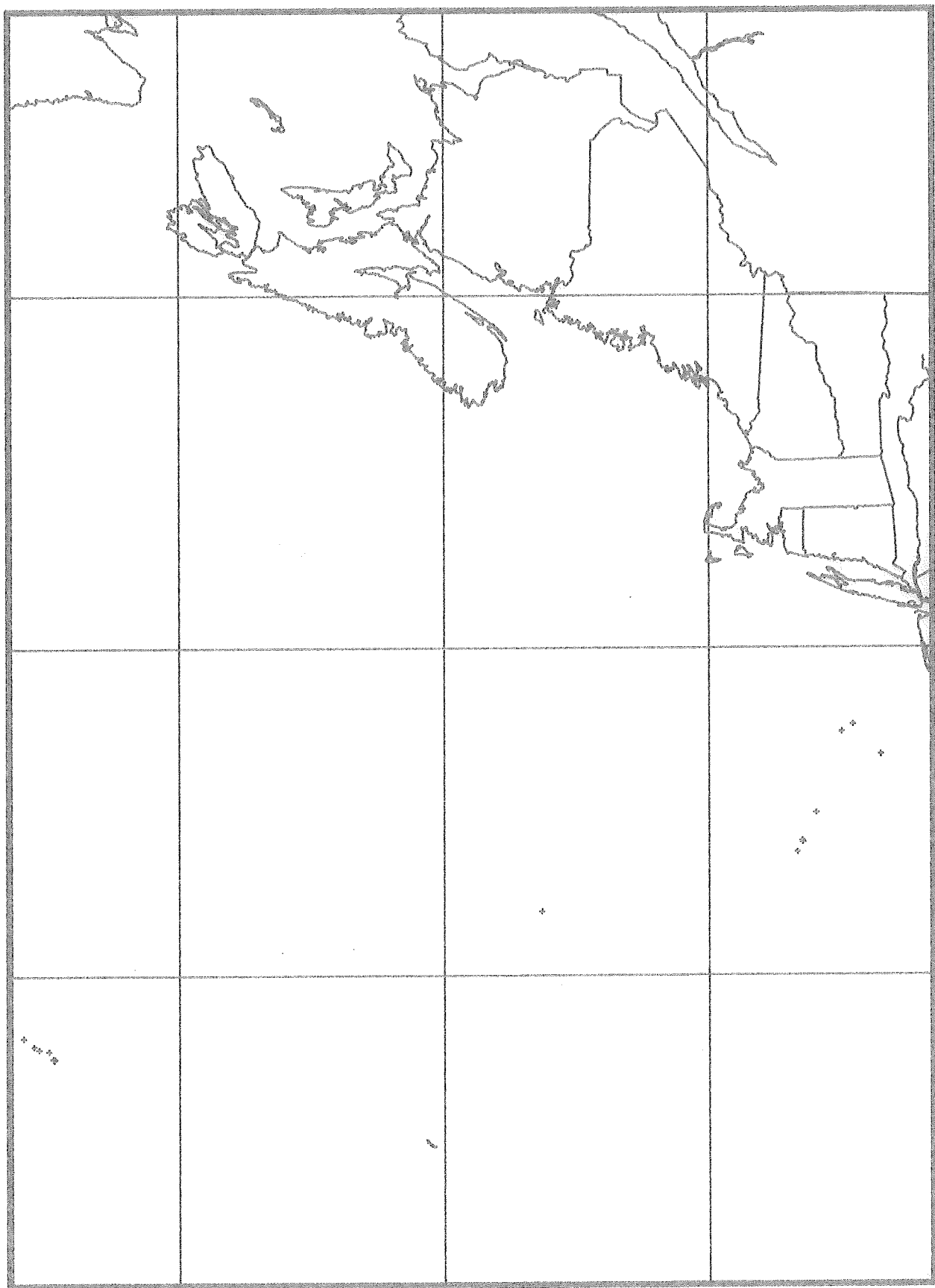
SAMPLE LOCATIONS - 89038.
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90/05/17. 08.37.39. 8500000.00 45.00 0.00

89038S



1:8,500,000 (MERCATOR, 45N)
SAMPLE LOCATIONS - 89038.



89038

30° 0' N

32° 0' N

40° 0' N

42° 0' N

100° 0' W

92° 0' W

80° 0' W

<u>SAMPLE NUMBER</u>	<u>SAMPLE TYPE</u>	<u>DAY/TIME (GMT)</u>	<u>LATITUDE</u>	<u>LONGITUDE</u>	<u>DEPTH (M)</u>	<u>GEOGRAPHIC LOCATION</u>
001	CORE	0501906	44 38.43N	63 33.11W	25.6	HALIFAX HARBOUR
001TWC	CORE	0501906	44 38.43N	63 33.11W	25.6	HALIFAX HARBOUR
002	CORE	0531715	33 41.18N	57 36.88W	4425	BERMUDA RISE
002TWC	CORE	0531715	33 41.18N	57 36.88W	4425	BERMUDA RISE
003	CORE	0541523	34 01.46N	57 02.14W	5337	BERMUDA RISE
003TWC	CORE	0541523	34 01.46N	57 02.14W	5337	BERMUDA RISE
004	BOXCORE	0550019	33 41.63N	57 36.70W	4418	BERMUDA RISE
005	CORE	0551206	33 41.27N	57 36.86W	4433	BERMUDA RISE
005TWC	CORE	0551206	33 41.27N	57 36.86W	4433	BERMUDA RISE
006	PORE	0551831	33 41.17N	57 36.87W	4440	BERMUDA RISE
007	BOXCORE	0561223	33 41.18N	57 38.28W	4437	BERMUDA RISE
008	CORE	0561720	33 41.21N	57 36.83W	4425	BERMUDA RISE
008TWC	CORE	0561720	33 41.21N	57 36.83W	4425	BERMUDA RISE
009	PORE	0560018	33 41.13N	57 38.23W	4473	BERMUDA RISE
010	CORE	0571358	33 41.05N	57 38.21W	4469	BERMUDA RISE
010TWC	CORE	0571358	33 41.05N	57 38.21W	4469	BERMUDA RISE
011	BOXCORE	0580003	33 53.47N	57 14.78W	4992	BERMUDA RISE
012	CORE	0581442	33 41.19N	57 36.79W	4432	BERMUDA RISE
012TWC	CORE	0581442	33 41.19N	57 36.79W	4432	BERMUDA RISE
013	CORE	0582152	33 48.58N	57 31.85W	4096	BERMUDA RISE
013TWC	CORE	0582152	33 48.58N	57 31.85W	4096	BERMUDA RISE
014	CORE	0591355	33 41.20N	57 36.71W	4408	BERMUDA RISE
014TWC	CORE	0591355	33 41.20N	57 36.71W	4408	BERMUDA RISE
015	CORE	0592202	33 50.46N	57 20.42W	4320	BERMUDA RISE
015TWC	CORE	0592202	33 50.46N	57 20.42W	4320	BERMUDA RISE

TOTAL SAMPLE INVENTORY

<u>SAMPLE NUMBER</u>	<u>SAMPLE TYPE</u>	<u>DAY/TIME (GHT)</u>	<u>LATITUDE</u>	<u>LONGITUDE</u>	<u>DEPTH (M)</u>	<u>GEOGRAPHIC LOCATION</u>
016	BOXCORE	0620712	36 00.40N	66 05 40W	4654	NNW OF BERMUDA RISE
017	BOXCORE	0631438	36 55.04N	71 40.06W	3847	BALTIMORE CANYON AREA
018	BOXCORE	0632000	37 04.23N	71 45.84W	3628	BALTIMORE CANYON AREA
019	CORE	0632247	37 05.74N	71 45.45W	3634	BALTIMORE CANYON AREA
020	BOXCORE	0641003	37 31.23N	72 00.97W	3098	BALTIMORE CANYON AREA
021	BOXCORE	0642209	38 24.24N	73 14.26W	1614	BALTIMORE CANYON AREA
022	CORE	0650018	38 24.25N	73 14.35W	1602	BALTIMORE CANYON AREA
022TWC	CORE	0650018	38 24.25N	73 14.35W	1602	BALTIMORE CANYON AREA
023	CORE	0651236	38 51.58N	72 42.65W	1262	BALTIMORE CANYON AREA
023TWC	CORE	0651236	38 51.58N	72 42.65W	1262	BALTIMORE CANYON AREA
024	BOXCORE	0651559	38 51.58N	72 42.65W	1261	BALTIMORE CANYON AREA
025	BOXCORE	0651700	38 51.56N	72 42.65W	1256	BALTIMORE CANYON AREA
028	CORE	0660136	38 44.72N	72 29.95W	2338	BALTIMORE CANYON AREA

CORE SAMPLES

SAMPLE NUMBER	SAMPLE TYPE	DAY/TIME (GMT)	LATITUDE LONGITUDE	DEPTH (MTRS)	CORE SAMPLES				GEOGRAPHIC LOCATION	NOTES
					CORER LENGTH (CM)	APP. PENN (CM)	CORE LENGTH (CM)	NO OF SECT		
001	AGC LONG CORE	0501906	44 38.43N 63 33.11W	25.6	1500	300	-78	1	HALIFAX HARBOUR	GAS SAMPLE TAKEN FROM CUTTER, CUTTER SAMPLE IN BAG, CATCHER IN BAG, STRONG ODDOR.
001TWC	TRIGGER WEIGHT	0501906	44 38.43N 63 33.11W	25.6		0	0	0	HALIFAX HARBOUR	NO SAMPLE IN TRIGGER CORE (FEW GRAINS OF BLACK MUD AND GRAVEL IN BAG).
002	AGC LONG CORE	0531715	33 41.18N 57 36.88W	4425	3040	2128	586	4	BERMUDA RISE	PRESSURE RELEASE PIN DID NOT RELEASE. CABLE CLAMP SLIPPED ON CABLE ON PULL OUT. SMALL BAGGED SECTION (TOP OF C). A-B - B-C HAD TO BE PUSHED OUT WITH A HYDRAULIC RAM. METROC BLOCK APPEARS TO BE 10% LOW ON READINGS. CORE WENT INTO BOTTOM EARLIER THAN EXPECTED.
002TWC	TRIGGER WEIGHT	0531715	33 41.18N 57 36.88W	4425		152	148	1	BERMUDA RISE	
003	AGC LONG CORE	0541523	34 01.46N 57 02.14W	5337	3040	912	0	0	BERMUDA RISE	PINGER STOPPED AT IMPACT. BOTTOM TWO BARRELS MISSING (A-C) (C-E). PIPE BROKE AT COUPLING (E-E).
003TWC	TRIGGER WEIGHT	0541523	34 01.46N 57 02.14W	5337		152	182	2	BERMUDA RISE	SAMPLE CUT IN TWO SECTIONS. CATCHER SAMPLE.
005	AGC LONG CORE	0551206	33 41.27N 57 36.86W	4433	2736	1824	824	6	BERMUDA RISE	CLAMP SLIPPED ON CABLE. PISTON FULLY RETRACTED. NO CUTTER SAMPLE, CATCHER MANGLED.
005TWC	TRIGGER WEIGHT	0551206	33 41.27N 57 36.86W	4433		152	143		BERMUDA RISE	
008	AGC LONG CORE	0561720	33 41.21N 57 36.83W	4425	3040	2736	2412	16	BERMUDA RISE	TOP "0" SMALL SECTION BAGGED. 3 BAGS - CATCHER, 1 BAG - CUTTER. SECTION P-B HAS A PIECE OF LINER BROKEN OUT.
008TWC	TRIGGER WEIGHT	0561720	33 41.21N 57 36.83W	4425		152	58		BERMUDA RISE	NO CUTTER SAMPLE.
010	AGC LONG CORE	0571358	33 41.05N 57 38.21W	4469	3040	2432	2277	15	BERMUDA RISE	SAMPLE TOP (E-F). 20 CM. PUSHED BACK INTO LINER (F-G). SAMPLE TOP (N-D).

SAMPLE NUMBER	SAMPLE TYPE	DAY/TIME (GMT)	LATITUDE LONGITUDE	DEPTH (MTRS)	CORER LENGTH (CM)	APP. PENN (CM)	CORE LENGTH (CM)	NO OF SECT	GEOGRAPHIC LOCATION	NOTES
010TWC	TRIGGER WEIGHT	0571358	33 41.05N 57 38.21W	4469		152	205	2	BERMUDA RISE	2 SECTIONS (A-B) (B-C). SAMPLE SPILLED OVER TOP OF CORER. TOP IS NOT THE SURFACE.
012	AGC LONG CORE	0581442	33 41.19N 57 36.79W	4432	3040	2128	2202	15	BERMUDA RISE	CORER HIT PILOT CORE ON TOP WEIGHT. SAMPLE IN CUTTER, CUTTER SAMPLE, SAMPLE TOP OF K AND I, SAMPLE BOTTOM OF A. ARCHIVE HALF OF M-L BURIED AT SEA. SECT N-M LINER SLIGHTLY IMPLoded APPROX HALF WAY. CUTTER BENT ON PISTON CORE.
012TWC	TRIGGER WEIGHT	0581442	33 41.19N 57 36.79W	4432		152	197	2	BERMUDA RISE	2 SECTIONS (A-B) (B-C). (B-C) REMOVED ON A HALF LINER.
013	AGC LONG CORE	0582152	33 48.58N 57 31.85W	4096	1520	1520	1365	9	BERMUDA RISE	4 PIECES TAKEN AS WHOLE ROUND SUBSAMPLES BY H. CHRISTIAN FOR TRIAXIAL TESTING PAPER.
013TWC	TRIGGER WEIGHT	0582152	33 48.58N 57 31.85W	4096		140	69	1	BERMUDA RISE	
014	TRIGGER WEIGHT	0591355	33 41.20N 57 36.71W	4408	3040	2432	1828	12	BERMUDA RISE	SAMPLE FROM CUTTER, SAMPLE TOP I (IN BAG). WHOLE ROUNDS TAKEN FOR UNDISTURBED TESTING BY H. CHRISTIAN FOR CONSOLIDATION AND TRIAXIAL.
014TWC	TRIGGER WEIGHT	0591355	33 41.20N 57 36.71W	4408		152	209	3	BERMUDA RISE	3 SECTIONS (A-B) (B-C) (C-D).
015	AGC LONG CORE	0592202	33 50.46N 57 20.42W	4320	2128	2432	1718	12	BERMUDA RISE	SAMPLE - CUTTER (IN TUBE), LAST SECTION (L-M) IS VERY SHORT. BROKEN LINER SECTION (L-M) AT POSITION WHERE PISTON STOPPED.
015TWC	TRIGGER WEIGHT	0592202	33 50.46N 57 20.42W	4320		152	88	1	BERMUDA RISE	
019	GRAVITY	0632247	37 05.74N 71 45.45W	3634		70	0	0	BALTIMORE CANYON AREA	ONLY A SMALL BAG OF SAMPLE.
022	AGC LONG CORE	0650018	38 24.25N 73 14.35W	1602	1520	1520	988	7	BALTIMORE CANYON AREA	

ATLANTIC GEOSCIENCE CENTRE
 DATA SECTION
 -FINS- REPORTING PACKAGE

TABLE 2
CORE SAMPLES

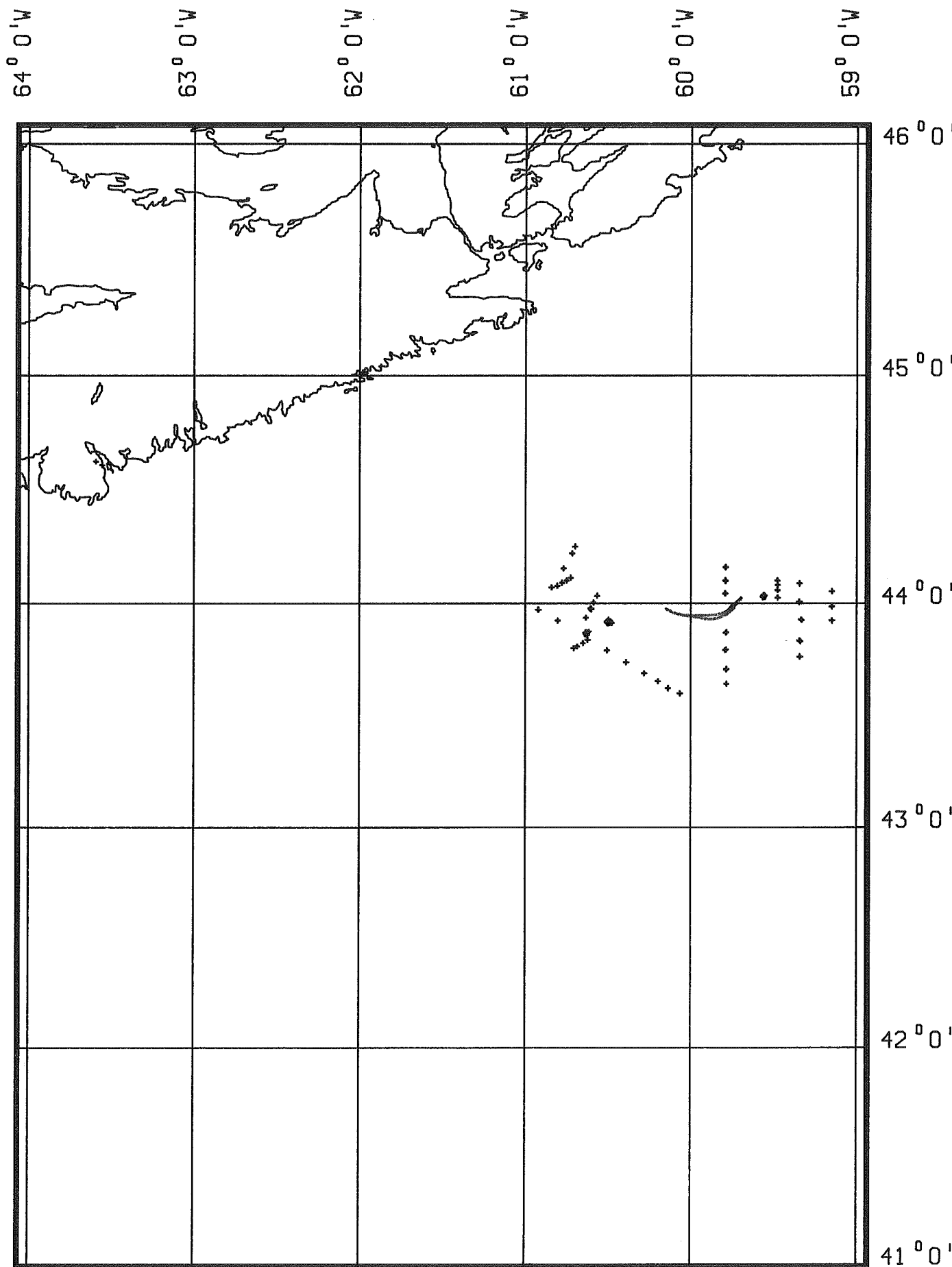
CRUISE NUMBER = 89-038
 CHIEF SCIENTIST = K.MORAN
 PROJECT NUMBER = 850021

<u>SAMPLE NUMBER</u>	<u>SAMPLE TYPE</u>	<u>DAY/TIME (GMT)</u>	<u>LATITUDE LONGITUDE</u>	<u>DEPTH (MTRS)</u>	<u>CORER LENGTH (CM)</u>	<u>APP. PENN LENGTH (CM)</u>	<u>CORE LENGTH (CM)</u>	<u>NO OF SECT</u>	<u>GEOGRAPHIC LOCATION</u>	<u>NOTES</u>
022TWC	TRIGGER WEIGHT	0650018	38 24.25N 73 14.35W	1602		152	64	1	BALTIMORE CANYON AREA	
023	AGC LONG CORE	0651236	38 51.58N 72 42.65W	1262	1520	1520	1062	7	BALTIMORE CANYON AREA	
023TWC	TRIGGER WEIGHT	0651236	38 51.58N 72 42.65W	1262		152	66		BALTIMORE CANYON AREA	
028	AGC LONG CORE	0660136	38 44.72N 72 29.95W	2338	1216	1216	340	3	BALTIMORE CANYON AREA	SMALL SECTION FROM C (20-26 CM.).

BOXCORE SAMPLES

SAMPLE NUMBER	TYPE OF BOXCORE	JULIAN DAY/TIME	LATITUDE LONGITUDE	DEPTH (MTRS)	NO OF ATTEMPTS	NO OF SUBSAMPLES	NO OF CORES	PHOTOS TAKEN	GEOGRAPHIC LOCATION	NOTES
004	BOXCORE	0550019	33 41.63N 57 36.70W	4418	1	9	1	N	BERMUDA RISE	BROWN, SLOPING, MUD TO CLASTS (UP TO 2-3 CM.), SHELL FRAGMENT. CORE TAKEN FROM SQUARE G (ARCHIVE) LESS TOP 3 CM.
007	BOXCORE	0561223	33 41.18N 57 38.28W	4437	1	9	6	N	BERMUDA RISE	SLOPED, CLAY (LG) SL LIGHT CLASPTS, WATER 5-10 CM. ON TOP , NICE HUNK OF MUD, FORAMS EVERYWHERE, WATER SAMPLE TAKEN BY DAL.
011	BOXCORE	0580003	33 53.47N 57 14.78W	4992	1	0	0	N	BERMUDA RISE	NO SAMPLE.
016	BOXCORE	0620712	36 00.40N 66 05 40W	4654	1	9	1	N	NNW OF BERMUDA RISE	SMOOTH SURFACE, WORM HOLES, SOME SHELLS, FORAMS.
017	BOXCORE	0631438	36 55.04N 71 40.05W	3847	1	0	0	N	BALTIMORE CANYON AREA	NO SAMPLE.
018	BOXCORE	0632000	37 04.23N 71 45.84W	3628	1	0	0	N	BALTIMORE CANYON AREA	NO SAMPLE.
020	BOXCORE	0641003	37 31.23N 72 00.97W	3098	1	9	9	N	BALTIMORE CANYON AREA	WATER ON SURFACE, BURROWS, SLIGHTLY DISTURBED - CLAYBALLS IN AREA OF F.
021	BOXCORE	0642209	38 24.24N 73 14.26W	1614	1	9	9	N	BALTIMORE CANYON AREA	GOOD SURFACE, LITTLE WATER.
024	BOXCORE	0651559	38 51.58N 72 42.65W	1261	1	0	0	N	BALTIMORE CANYON AREA	NO SAMPLE. CABLE CAUGHT ON SHACKLE. DID NOT TRIP.
025	BOXCORE	0651700	38 51.56N 72 42.65W	1256	1	9	8	N	BALTIMORE CANYON AREA	WORM TUBES, PEBBLES, PROBALLY SILTY CLAY, GREYISH BROWN, MAJOR WORM TUBE FROM D REMOVED AND SAVED, WORM FOUND AT BOTTOM OF BOX CORE (SAVED).

SAMPLE LOCATIONS - 89039.
1:2,500,000 (MERCATOR, 45N)



90/05/16. 13.42.10. 2500000.00 45.00 0.00

8939NEW

1:2,500,000 (MERCATOR, 45N)
SAMPLE LOCATIONS - 88038

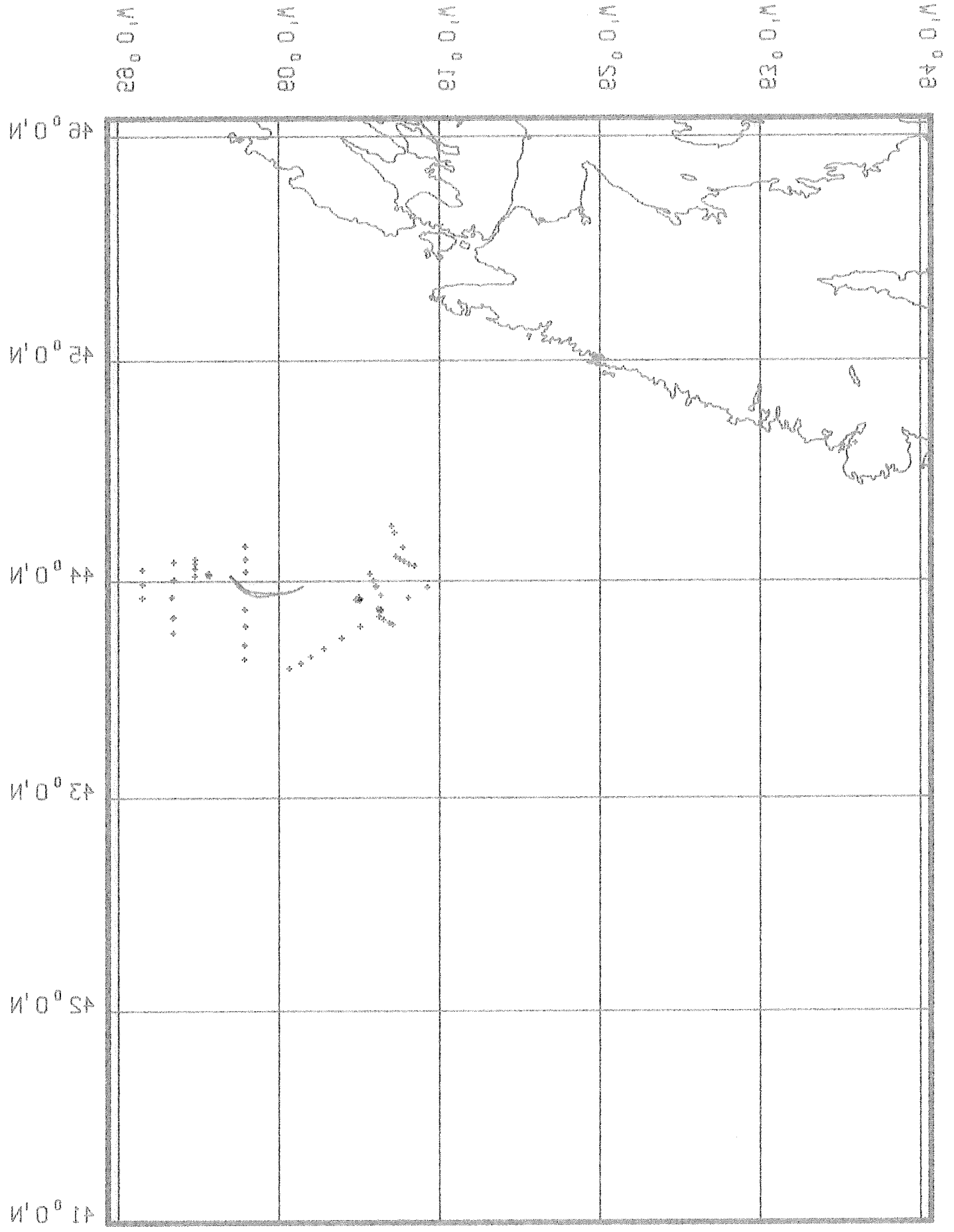


TABLE 2

GRAB SAMPLES 89-039 CSS HUDSON

SAMPLE NUMBER	SAMPLER TYPE	JULIAN DAY/TIME	LATITUDE LONGITUDE	DEPTH (M)	NO OF ATTEMPTS	NO OF SUBSAMPLES	GEOGRAPHIC LOCATION	NOTES
005	VAN VEEN	0782218	43 52.30N 60 37.80W	30.0	1	0	SABLE ISLAND BANK	VERY COARSE SAND. SUB ROUNDED, MOD. - HIGH SPHERICITY. GENERALLY BUFF COLOURED QTZ GRAINS + DARKER LITHIC FRAGMENTS.
059	IKU	0791357	43 50.32N 60 37.49W	39.0	1	1	SABLE ISLAND BANK	ROCK IN JAWS - LOSS OF SAMPLE. SMALL VIAL TAKEN (FINE SAND).
060	IKU	0791404	43 50.32N 60 37.47W	39.0	1	1	SABLE ISLAND BANK	JAWS NOT CLOSED DUE TO MECHANICAL PROBLEMS. PEEL TAKEN.
066	IKU	0792226	43 47.50N 60 30.38W	53.0	1	4	SABLE ISLAND BANK	CLEAN COARSE SAND.
067	IKU	0792343	43 44.36N 60 23.50W	60.3	2	3	SABLE ISLAND BANK	1ST ATTEMPT - FINE SHELLY SAND (SMALL SAMPLE NOT KEPT). 2ND ATTEMPT - FINE SHELLY SAND.
069	IKU	0801815	44 15.06N 60 42.01W	140.8	1	4	SABLE ISLAND BANK	SAMPLER FULL, SILT.
118	IKU	0811926	44 13.31N 66 43.07W	78.6	2	2	SABLE ISLAND BANK	1ST ATTEMPT - NO SAMPLE. 2ND ATTEMPT - SMALL SAMPLE, OLIVE GREEN, FINE CLEAN SAND, WORM TUBES AND SOME SHELLS.
119	IKU	0812020	44 09.31N 60 46.09W	22.0	1	4	SABLE ISLAND BANK	GREY MEDIUM - COARSE SAND.
122	IKU	0812207	44 04.25N 60 50.48W	30.0	3	2	SABLE ISLAND BANK	1ST ATTEMPT - NO SAMPLE (ROCK IN JAWS). 2ND ATTEMPT - SAME AS FIRST. 3RD ATTEMPT - CLEAN FINE SAND.
123	IKU	0812302	43 58.36N 60 55.38W	40.2	3	2	SABLE ISLAND BANK	1ST ATTEMPT - NO SAMPLE (ROCK IN JAWS). 2ND ATTEMPT - SAME AS FIRST. 3RD ATTEMPT - CLEAN FINE - MEDIUM SAND.

TABLE 2

GRAB SAMPLES 89-039 CSS HUDSON

SAMPLE NUMBER	SAMPLER TYPE	JULIAN DAY/TIME	LATITUDE LONGITUDE	DEPTH (M)	NO OF ATTEMPTS	NO OF SUBSAMPLES	GEOGRAPHIC LOCATION	NOTES
126	IKU	0820044	43 55.47N 60 48.26W	38.4	1	4	SABLE ISLAND BANK	FINE SAND.
130	IKU	0821742	43 55.07N 60 30.36W	25.6	1	2	SABLE ISLAND BANK	CLEAN WELL SORTED MEDIUM SAND.
131	IKU	0821758	43 55.08N 60 30.38W	25.6	1	2	SABLE ISLAND BANK	CLEAN WELL SORTED MEDIUM SAND.
190	IKU	0831725	43 41.41N 60 17.00W	64.0	2	1	SABLE ISLAND BANK	1ST ATTEMPT - NO RECOVERY. 2ND ATTEMPT - SMALL SAMPLE OF VERY FINE SHELLY SAND WITH LIVE CLAMS (ABUNDANT BURROWING).
193	IKU	0831903	43 39.27N 60 11.96W	67.0	2	2	SABLE ISLAND BANK	1ST ATTEMPT - NO RECOVERY. 2ND ATTEMPT - SMALL SAMPLE OF GREY VERY FINE SAND. LIVE AND DEAD CLAMS.
194	IKU	0831945	43 37.49N 60 08.24W	67.7	1	2	SABLE ISLAND BANK	FINE WELL SORTED SAND WITH SHELL DEBRIS.
197	IKU	0832108	43 36.02N 60 03.89W	99.0	1	2	SABLE ISLAND BANK	FINE SAND WITH ONE BOULDER ON TOP.
198	IKU	0831451	43 55.34N 60 30.17W	24.0	2	4	SABLE ISLAND BANK	1ST ATTEMPT - SMALL SAMPLE OF COARSE SAND. 2ND ATTEMPT - WELL SORTED MEDIUM SAND.
199	IKU	0831518	43 54.94N 60 29.29W	29.0	2	4	SABLE ISLAND BANK	1ST ATTEMPT - SMALL SAMPLE OF FINE WELL SORTED SAND. 2ND ATTEMPT FINE WELL SORTED SAND.
200	IKU	0831916	43 52.33N 59 47.15W	42.1	2	3	SABLE ISLAND BANK	1ST ATTEMPT - JAWS PARTIALLY OPEN, NO SAMPLE. 2ND ATTEMPT ON BOTTOM 1923.

TABLE 2

GRAB SAMPLES 89-039 CSS HUDSON

SAMPLE NUMBER	SAMPLER TYPE	JULIAN DAY/TIME	LATITUDE LONGITUDE	DEPTH (M)	NO OF ATTEMPTS	NO OF SUBSAMPLES	GEOGRAPHIC LOCATION	NOTES
203	IKU	0832106	43 47.60N 59 47.63W	53.0	2	2	SABLE ISLAND BANK	1ST ATTEMPT - EMPTY. 2ND ATTEMPT ON BOTTOM AT 2112.
239	IKU	0851217	44 01.72N 59 33.94W	22.0			SABLE ISLAND BANK	GRAB FULL.
242	IKU	0851548	44 05.30N 59 20.66W	40.0	1	4	SABLE ISLAND BANK	FINE - MEDIUM WELL SORTED SAND.
243	IKU	0851728	44 00.43N 59 20.70W	27.0	1	2	SABLE ISLAND BANK	MEDIUM SAND.
245	IKU	0851808	44 00.47N 59 20.74W	27.0	1	1	SABLE ISLAND BANK	MEDIUM WELL SORTED SAND.
246	IKU	0851932	44 03.14N 59 08.96W	133.0	2	2	SABLE ISLAND BANK	1ST ATTEMPT - NO SAMPLE. 2ND ATTEMPT - FINE SILTY SAND.
249	IKU	0852151	43 59.16N 59 09.01W	49.0	1	4	SABLE ISLAND BANK	MEDIUM SAND, NUMEROUS SHELLS.
250	IKU	0852230	43 55.48N 59 08.96W	70.0	1	3	SABLE ISLAND BANK	MEDIUM WELL SORTED SAND.
253	IKU	0851323	43 55.69N 59 20.08W	49.0	2	2	SABLE ISLAND BANK	1ST ATTEMPT - JAWS OPEN. 2ND ATTEMPT - VERY FINE SHELLY SAND.
254	IKU	0851425	43 50.15N 59 20.67W	69.0	1	3	SABLE ISLAND BANK	FINE - VERY FINE ORGANIC RICH SAND. ABUNDANT ARTICULATED BIVALVES, STARFISH (DEAD AND ALIVE). OLIVE GREEN SAND.

TABLE 2

GRAB SAMPLES 89-039 CSS HUDSON

SAMPLE NUMBER	SAMPLER TYPE	JULIAN DAY/TIME	LATITUDE LONGITUDE	DEPTH (M)	NO OF ATTEMPTS	NO OF SUBSAMPLES	GEOGRAPHIC LOCATION	NOTES
257	IKU	0851648	43 45.78N 59 20.53W	102.0	3	1	SABLE ISLAND BANK	1ST ATTEMPT - EMPTY. 2ND ATTEMPT - OLIVE COLOURED SAND. 3RD ATTEMPT - SHELLY VERY FINE SAND. ORGANIC RICH, SOFT.
258	IKU	0861858	43 42.38N 59 47.16W	82.0	3	4	SABLE ISLAND BANK	2ND ATTEMPT - ON BOTTOM 1911. 3RD ATTEMPT - ON BOTTOM 1920.
260	IKU	0862030	43 38.53N 59 47.05W	113.0	3	2	SABLE ISLAND BANK	1ST ATTEMPT - EMPTY. 2ND ATTEMPT - FINE OLIVE SAND FULL OF SHELLFISH (QUAYHAUGS). 3RD ATTEMPT - ON BOTTOM 2049.
261	IKU	0862315	44 02.03N 59 33.60W	21.0	2	5	SABLE ISLAND BANK	WELL SORTED MEDIUM SAND.
294	IKU	0871216	44 01.91N 59 33.57W	22.0	2	6	SABLE ISLAND BANK	VERY WELL SORTED MEDIUM SAND.
295	IKU	0871431	44 01.47N 59 28.56W	22.0	1	4	SABLE ISLAND BANK	WELL SORTED MEDIUM SAND; NO SHELL DEBRIS.
296	IKU	0871500	44 03.48N 59 28.61W	26.0	1	3	SABLE ISLAND BANK	CLEAN WELL SORTED MEDIUM - COARSE SAND.
297	IKU	0871523	44 04.91N 59 28.55W	25.0	2	5	SABLE ISLAND BANK	2ND ATTEMPT - ON BOTTOM 1534.
298	IKU	0871552	44 06.00N 59 28.63W	60.0	2	1	SABLE ISLAND BANK	2ND ATTEMPT - ON BOTTOM 1600.
299	IKU	0871729	44 09.50N 59 47.49W	151.0	1	3	SABLE ISLAND BANK	OLIVE GREEN VERY FINE SILTY SAND. WORM TUBES. GLACIAL DROPSTONES.

TABLE 2

GRAB SAMPLES 89-039 CSS HUDSON

SAMPLE NUMBER	SAMPLER TYPE	JULIAN DAY/TIME	LATITUDE LONGITUDE	DEPTH (M)	NO OF ATTEMPTS	NO OF SUBSAMPLES	GEOGRAPHIC LOCATION	NOTES
302	IKU	0871913	44 05.93N 59 48.39W	62.0	2	1	SABLE ISLAND BANK	SHELLY CLEAN, QUARTZOSE MEDIUM SAND. OLIVE GREEN. MINOR RECOVERY.
303	IKU	0871954	44 02.63N 59 47.47W	53.0	2	1	SABLE ISLAND BANK	1ST ATTEMPT - 1 40 DRAM VIAL. 2ND ATTEMPT - ON BOTTOM 2000, NO SAMPLE.
339	IKU	0881247	43 53.45N 60 36.11W	53.0	1	2	SABLE ISLAND BANK	MEDIUM WELL SORTED SAND INTO ROUNDED GRAVEL (NO SHELLS). LARGE GRAB SAMPLE.
340	IKU	0881352	43 55.66N 60 29.83W	31.0	1	3	SABLE ISLAND BANK	WELL SORTED MEDIUM TO COARSE SAND.
341	IKU	0881405	43 55.23N 60 29.12W	34.0	1	3	SABLE ISLAND BANK	MEDIUM TO COARSE SAND, ABUNDANT GRAVEL IN HORIZONTAL LAYERS AT THE SURFACE.
342	IKU	0881422	43 54.80N 60 28.59W	31.0	1	3	SABLE ISLAND BANK	FINE SAND, VERY WELL SORTED, COPIOUS AMOUNTS OF SMALL SAND DOLLARS AT SURFACE.
343	IKU	0881526	43 56.17N 60 38.01W	33.0	1	3	SABLE ISLAND BANK	
344	IKU	0881629	44 03.07N 60 35.26W	25.0	2	3	SABLE ISLAND BANK	1ST ATTEMPT - MEDIUM SAND. 2ND ATTEMPT - ON BOTTOM 1635, MEDIUM SAND.
345	IKU	0881709	44 01.99N 60 33.95W	35.0	1	2	SABLE ISLAND BANK	FINE TO MEDIUM WELL SORTED QUARTZOSE SAND. FEW SAND DOLLARS.
346	IKU	0881828	44 06.80N 60 43.55W	35.0	1	3	SABLE ISLAND BANK	FINE WELL SORTED SAND (QUARTZOSE).

TABLE 2

GRAB SAMPLES 89-039 CSS HUDSON

SAMPLE NUMBER	SAMPLER TYPE	JULIAN DAY/TIME	LATITUDE LONGITUDE	DEPTH (M)	NO OF ATTEMPTS	NO OF SUBSAMPLES	GEOGRAPHIC LOCATION	NOTES
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347	IKU	0881903	44 06.03N 60 45.04W	29.0	1	3	SABLE ISLAND BANK	FINE SAND, VERY WELL SORTED, HORIZONTAL LAMINATED TOP.
348	IKU	0881930	44 05.45N 60 46.73W	27.0	1	3	SABLE ISLAND BANK	GRAVELLY COARSE SAND (QUARTZOSE).
349	IKU	0881957	44 04.68N 60 48.40W	25.6	1	3	SABLE ISLAND BANK	FINE - MEDIUM WELL SORTED QUARTZ SAND.

TABLE 3

CORE SAMPLES 89-039 CSS HUDSON

SAMPLE NUMBER	SAMPLER TYPE	JULIAN DAY/TIME	LATITUDE	LONGITUDE	DEPTH (M)	CORER LENGTH (CM)	APP. PENN (CM)	CORE LENGTH (CM)	NO OF SECT	GEOGRAPHIC LOCATION	NOTES
001	AGC L.C.	0771935	44 37.32N	63 35.30W	13.7	912	300	35	1	N.W. ARM	CUTTER SAMPLE IN BAG.
001TWC	TRIGGER	0771935	44 37.32N	63 35.30W	13.7		100	50	1	N.W. ARM	CUTTER SAMPLE IN BAG.
002	AGC L.C.	0772216	44 36.50N	63 33.33W	20.1	912	912	346	3	HALIFAX HARBOUR	CUTTER SAMPLE IN BAG.
002TWC	TRIGGER	0772216	44 36.50N	63 33.33W	20.1		0	0	0	HALIFAX HARBOUR	NO SAMPLE.
003	VIBRO	0791505	43 50.32N	60 37.49W	39.0	309	157	84	1	SABLE ISLAND BANK	
062	VIBRO	0791800	43 49.44N	60 39.12W	40.0	309	124	49	1	SABLE ISLAND BANK	
063	VIBRO	0791910	43 48.57N	60 41.27W	47.0	309	115	54	1	SABLE ISLAND BANK	
064	VIBRO	0792008	43 48.11N	60 42.48W	38.0	309		0	0	SABLE ISLAND BANK	SAMPLE IN BUCKET.
065	VIBRO	0792158	43 47.50N	60 30.38W	53.0	309	115		0	SABLE ISLAND BANK	
068	VIBRO	0800008	43 44.36N	60 23.50W	60.3	309	155	43	1	SABLE ISLAND BANK	CUTTER SAMPLE IN BAG.
116	VIBRO	0811820	44 15.06N	60 41.93W	131.7	309	275	221	2	SABLE ISLAND BANK	CUTTER SAMPLE IN BAG.
117	VIBRO	0811907	44 13.32N	60 43.08W	78.6	309	290	151	1	SABLE ISLAND BANK	CUTTER SAMPLE IN BAG.

TABLE 3

CORE SAMPLES 89-039 CSS HUDSON

SAMPLE NUMBER	SAMPLER TYPE	JULIAN DAY/TIME	LATITUDE	LONGITUDE	DEPTH (M)	CORER LENGTH (CM)	APP. PENN (CM)	CORE LENGTH (CM)	NO OF SECT	GEOGRAPHIC LOCATION	NOTES
120	VIBRO	0812033	44 09.28N	60 46.20W	22.0	309	203	155	1	SABLE ISLAND BANK	
121	VIBRO	0812150	44 04.21N	60 50.59W	30.0	309	195	173	2	SABLE ISLAND BANK	
124	VIBRO	0812324	43 58.33N	60 55.16W	40.2	309	162	117	1	SABLE ISLAND BANK	
125	VIBRO	0820023	43 55.38N	60 48.32W	38.4	309	120	0	0	SABLE ISLAND BANK	SAMPLE IN BUCKET, APPROX 20CM.
129	VIBRO	0821714	43 55.08N	60 30.36W	25.6	309	210	170	2	SABLE ISLAND BANK	
191	VIBRO	0831747	43 41.41N	60 16.96W	64.0	309	140	49	1	SABLE ISLAND BANK	
192	VIBRO	0831844	43 39.28N	60 11.91W	67.0	309	155	80	1	SABLE ISLAND BANK	
195	VIBRO	0832003	43 37.41N	60 08.32W	67.7	309	130	0	0	SABLE ISLAND BANK	SAMPLE IN BUCKET.
196	VIBRO	0832047	43 36.05N	60 04.02W	79.0	309	93	0	0	SABLE ISLAND BANK	SAMPLE IN BUCKET. VERY FINE SAND.
201	VIBRO	0841936	43 52.21N	59 47.36W	42.2	309	155	59	1	SABLE ISLAND BANK	
202	VIBRO	0842046	43 47.72N	59 47.27W	53.0	309	204	56	1	SABLE ISLAND BANK	
240	VIBRO	0851235	44 01.73N	59 33.96W	53.0	309	191	128	1	SABLE ISLAND BANK	NO SAMPLE ON FIRST ATTEMPT. PROBLEM WITH COUNTER ON POWER UP.

TABLE 3

CORE SAMPLES 89-039 CSS HUDSON

SAMPLE NUMBER	SAMPLER TYPE	JULIAN DAY/TIME	LATITUDE	LONGITUDE	DEPTH (M)	CORER LENGTH (CM)	APP. PENN (CM)	CORE LENGTH (CM)	NO OF SECT	GEOGRAPHIC LOCATION	NOTES
241	VIBRO	0851526	44 05.30N	59 20.61W	40.0	309		102	1	SABLE ISLAND BANK	
244	VIBRO	0851745	44 00.42N	59 20.76W	27.0	309	175	112	1	SABLE ISLAND BANK	
247	VIBRO	0852005	44 08.21N	59 08.99W	133.0	309	309	80	1	SABLE ISLAND BANK	
248	VIBRO	0852119	43 59.24N	59 08.98W	49.0	309	172	150	1	SABLE ISLAND BANK	
251	VIBRO	0852246	43 55.45N	59 08.95W	70.0	309	220	0		SABLE ISLAND BANK	NO SAMPLE RECOVERED.
252	VIBRO	0861254	43 55.57N	59 19.88W	49.4	309	136			SABLE ISLAND BANK	
255	VIBRO	0861447	43 49.97N	59 20.23W	71.3	309	253	81	1	SABLE ISLAND BANK	
256	VIBRO	0861447	43 45.78N	59 20.53W	102.0	309	285	0	0	SABLE ISLAND BANK	NO SAMPLE RECOVERED.
259	VIBRO	0861933	43 42.54N	59 47.04W	82.0	309		43	1	SABLE ISLAND BANK	MUDDY SAND.
300	VIBRO	0871758	44 09.62N	59 47.39W	146.0	309	287	226	2	SABLE ISLAND BANK	
301	VIBRO	0871847	44 06.08N	59 47.46W	68.0	309	126	89	1	SABLE ISLAND BANK	
304	VIBRO	0872013	44 02.58N	59 47.57W	53.0	309	126			SABLE ISLAND BANK	

TABLE 4

CAMERA STATIONS 89-039 CSS HUDSON

SAMPLE NUMBER	TYPE OF CAMERA	DAY/TIME (GMT)	LATITUDE LONGITUDE	DEPTH (MTRS)	FRAMES SHOT	DIST OFF.	STEREO BOIT	COLOR1 COLOR2	ASA1 ASA2	FSTOP1 FSTOP2	FOCUS1 FOCUS2	FILM1 FILM2	POSITION1 POSITION2	GEOGRAPHIC LOCATION
008	UMEL	0782250	43 52.30N 60 37.80W	30.0	4	137	Y	B-W B-W	400 400	5.6 5.6	137 137	TMY TMY	VERTICAL VERTICAL	SABLE ISLAND BANK
012	UMEL	0790040	43 52.30N 60 37.80W	30.0	5	137	Y	B-W B-W	400 400	5.6 5.6	137 137	TMY TMY	VERTICAL VERTICAL	SABLE ISLAND BANK
019A	UMEL	0790232	43 52.30N 60 37.80W	30.0	5	137	Y	B-W B-W	400 400	5.6 5.6	137 137	TMY TMY	VERTICAL VERTICAL	SABLE ISLAND BANK
022	UMEL	0790418	43 52.22N 60 37.80W	30.0	5	137	Y	B-W B-W	400 400	5.6 5.6	137 137	TMY TMY	VERTICAL VERTICAL	SABLE ISLAND BANK
025	UMEL	0790518	43 52.22N 60 37.80W	30.0	5	137	Y	B-W B-W	400 400	5.6 5.6	137 137	TMY TMY	VERTICAL VERTICAL	SABLE ISLAND BANK
028	UMEL	0790613	43 52.22N 60 37.80W	30.0	5	137	Y	B-W B-W	400 400	5.6 5.6	137 137	TMY TMY	VERTICAL VERTICAL	SABLE ISLAND BANK
031	UMEL	0790715	43 52.22N 60 37.80W	30.0	5	137	Y	B-W B-W	400 400	5.6 5.6	137 137	TMY TMY	VERTICAL VERTICAL	SABLE ISLAND BANK
034	UMEL	0790816	43 52.22N 60 37.80W	30.0	5	137	Y	B-W B-W	400 400	5.6 5.6	137 137	TMY TMY	VERTICAL VERTICAL	SABLE ISLAND BANK
037	UMEL	0790911	43 52.22N 60 37.80W	30.0	5	137	Y	B-W B-W	400 400	5.6 5.6	137 137	TMY TMY	VERTICAL VERTICAL	SABLE ISLAND BANK
040	UMEL	0791013	43 52.22N 60 37.80W	30.0	5	137	Y	B-W B-W	400 400	5.6 5.6	137 137	TMY TMY	VERTICAL VERTICAL	SABLE ISLAND BANK
043	UMEL	0791111	43 52.30N 60 37.80W	30.0	5	137	Y	B-W B-W	400 400	5.6 5.6	137 137	TMY TMY	VERTICAL VERTICAL	SABLE ISLAND BANK
071	UMEL	0802215	43 52.20N 60 38.15W	31.0	6	137	Y	B-W B-W	400 400	5.6 5.6	137 137	TMY TMY	VERTICAL VERTICAL	SABLE ISLAND BANK
074	UMEL	0802329	43 52.20N 60 38.15W	31.0	5	137	Y	B-W B-W	400 400	5.6 5.6	137 137	TMY TMY	VERTICAL VERTICAL	SABLE ISLAND BANK

TABLE 4

CAMERA STATIONS 89-039 CSS HUDSON

SAMPLE NUMBER	TYPE OF CAMERA	DAY/TIME (GMT)	LATITUDE LONGITUDE	DEPTH (MTRS)	FRAMES SHOT	DIST OFF. BOII	STEREO	COLOR1 COLOR2	ASA1 ASA2	FSTOP1 FSTOP2	FOCUS1 FOCUS2	FILM1 FILM2	POSITION1 POSITION2	GEOGRAPHIC LOCATION
077	UMEL	0810029	43 52.20N 60 38.15W	31.0	6	137	Y	B-W B-W	400 400	5.6 5.6	137 137	TMY TMY	VERTICAL VERTICAL	SABLE ISLAND BANK
080	UMEL	0810133	43 52.20N 60 38.15W	31.0		137	Y	B-W B-W	400 400	5.6 5.6	137 137	TMY TMY	VERTICAL VERTICAL	SABLE ISLAND BANK
083	UMEL	0810235	43 52.20N 60 38.15W	31.0	5	137	Y	B-W B-W	400 400	5.6 5.6	137 137	TMY TMY	VERTICAL VERTICAL	SABLE ISLAND BANK
086	UMEL	0810334	43 52.20N 60 38.15W	31.0	6	137	Y	B-W B-W	400 400	5.6 5.6	137 137	TMY TMY	VERTICAL VERTICAL	SABLE ISLAND BANK
089	UMEL	0810445	43 52.10N 60 38.04W	31.0	6	137	Y	B-W B-W	400 400	5.6 5.6	137 137	TMY TMY	VERTICAL VERTICAL	SABLE ISLAND BANK
092	UMEL	0810547	43 52.10N 60 38.04W	31.0	5	137	Y	B-W B-W	400 400	5.6 5.6	137 137	TMY TMY	VERTICAL VERTICAL	SABLE ISLAND BANK
095	UMEL	0810655	43 52.10N 60 38.04W	31.0	6	137	Y	B-W B-W	400 400	5.6 5.6	137 137	TMY TMY	VERTICAL VERTICAL	SABLE ISLAND BANK
098	UMEL	0810755	43 52.10N 60 38.04W	31.0	7	137	Y	B-W B-W	400 400	5.6 5.6	137 137	TMY TMY	VERTICAL VERTICAL	SABLE ISLAND BANK
101	UMEL	0810858	43 52.00N 60 38.00W	31.0	5	137	Y	B-W B-W	400 400	5.6 5.6	137 137	TMY TMY	VERTICAL VERTICAL	SABLE ISLAND BANK
104	UMEL	0810954	43 52.00N 60 38.00W	31.0	5	137	Y	B-W B-W	400 400	5.6 5.6	137 137	TMY TMY	VERTICAL VERTICAL	SABLE ISLAND BANK
107	UMEL	0811056	43 52.00N 60 38.00W	31.0	5	137	Y	B-W B-W	400 400	5.6 5.6	137 137	TMY TMY	VERTICAL VERTICAL	SABLE ISLAND BANK
111	UMEL	0811249	43 51.99N 60 37.99W	31.0		137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
113	UMEL	0811332	43 51.99N 60 37.99W	31.0		137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK

TABLE 4

CAMERA STATIONS 89-039 CSS HUDSON

SAMPLE NUMBER	TYPE OF CAMERA	DAY/TIME (GMT)	LATITUDE LONGITUDE	DEPTH (MTRS)	FRAMES SHOT	DIST OFF. 80TT	STEREO	COLOR1 COLOR2	ASA1 ASA2	FSTOPI FSTOP2	FOCUS1 FOCUS2	FILM1 FILM2	POSITION1 POSITION2	GEOGRAPHIC LOCATION
133	UMEL	0821908	43 55.08N 60 30.36W	23.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
136	UMEL	0822013	43 55.08N 60 30.36W	23.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
139	UMEL	0822121	43 55.11N 60 30.39W	23.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
143	UMEL	0822246	43 55.11N 60 30.39W	23.0		137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
146	UMEL	0822352	43 55.11N 60 30.39W	23.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
149	UMEL	0822352	43 55.11N 60 30.40W	23.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
152	UMEL	0830150	43 55.11N 60 30.40W	23.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
155	UMEL	0830248	43 55.15N 60 30.36W	23.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
158	UMEL	0830350	43 55.15N 60 30.36W	23.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
161	UMEL	0830452	43 55.08N 60 30.23W	23.0	6	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
164	UMEL	0830612	43 55.08N 60 30.23W	23.0	6	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
167	UMEL	0830713	43 54.97N 60 30.22W	23.0	6	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
170	UMEL	0830816	43 54.97N 60 30.22W	23.0	6	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK

TABLE 4

CAMERA STATIONS 89-039 CSS HUDSON

SAMPLE NUMBER	TYPE OF CAMERA	DAY/TIME (GMT)	LATITUDE LONGITUDE	DEPTH (MTRS)	FRAMES SHOT	DIST OFF. BOTI	STEREO	COLOR1 COLOR2	ASA1 ASA2	FSTOP1 FSTOP2	FOCUS1 FOCUS2	FILM1 FILM2	POSITION1 POSITION2	GEOGRAPHIC LOCATION
173	UMEL	0830915	43 54.97N 60 30.22W	23.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
176	UMEL	0831015	43 54.97N 60 30.22W	23.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
179	UMEL	0831137	43 54.97N 60 30.22W	23.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
182	UMEL	0831247	43 54.97N 60 30.22W	23.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
185	UMEL	0831355	43 54.90N 60 30.18W	23.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
188	UMEL	0831503	43 54.89N 60 30.19W	23.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
207	UMEL	0850144	44 01.79N 59 34.00W	23.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
210	UMEL	0850244	44 01.74N 59 34.00W	23.0		137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
213	UMEL	0850352	44 01.77N 59 34.00W	23.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
216	UMEL	0850450	44 01.77N 59 34.00W	23.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
219	UMEL	0850552	44 01.77N 59 34.00W	23.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
222	UMEL	0850652	44 01.77N 59 33.96W	23.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
225	UMEL	0850746	44 01.77N 59 33.96W	23.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK

TABLE 4

CAMERA STATIONS 89-039 CSS HUDSON

SAMPLE NUMBER	TYPE OF CAMERA	DAY/TIME (GMT)	LATITUDE LONGITUDE	DEPTH (MTRS)	FRAMES SHOT	DIST OFF. BOTI	STEREO	COLOR1 COLOR2	ASA1 ASA2	FSTOP1 FSTOP2	FOCUS1 FOCUS2	FILM1 FILM2	POSITION1 POSITION2	GEOGRAPHIC LOCATION
228	UMEL	0850845	44 01.76N 59 33.94W	23.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
231	UMEL	0850940	44 01.76N 59 33.94W	23.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
234	UMEL	0851034	44 01.76N 59 33.94W	23.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
237	UMEL	0851127	44 01.76N 59 33.94W	23.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
263	UMEL	0870053	42 02.10N 59 33.60W	24.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
266	UMEL	0870156	42 02.10N 59 33.60W	24.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
269	UMEL	0870256	42 02.10N 59 33.60W	24.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
272	UMEL	0870359	42 02.10N 59 33.60W	24.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
275	UMEL	0870501	42 02.10N 59 33.60W	24.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
278	UMEL	0870601	42 02.10N 59 33.60W	24.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
281	UMEL	0870700	42 02.10N 59 33.60W	24.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
284	UMEL	0870757	42 02.10N 59 33.60W	24.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
287	UMEL	0870853	42 02.10N 59 33.60W	24.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK

TABLE 4

CAMERA STATIONS 89-039 CSS HUDSON

SAMPLE NUMBER	TYPE OF CAMERA	DAY/TIME (GMT)	LATITUDE LONGITUDE	DEPTH (MTRS)	FRAMES SHOT	DIST OFF. BOTI	STEREO	COLOR1 COLOR2	ASA1 ASA2	FSTOP1 FSTOP2	FOCUS1 FOCUS2	FILM1 FILM2	POSITION1 POSITION2	GEOGRAPHIC LOCATION
290	UMEL	0871021	42 02.10N 59 33.60W	24.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
307	UMEL	0880132	43 58.58N 60 36.18W	26.0		137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
310	UMEL	0880204	43 58.58N 60 36.18W	26.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
313	UMEL	0880328	43 58.58N 60 36.18W	26.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
316	UMEL	0880434	43 58.58N 60 36.18W	26.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
319	UMEL	0880531	43 58.58N 60 36.18W	26.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
322	UMEL	0880627	43 58.58N 60 36.18W	26.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
323	UMEL	0880719	43 58.58N 60 36.18W	26.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
328	UMEL	0880817	43 58.58N 60 36.18W	26.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
331	UMEL	0880913	43 58.58N 60 36.18W	26.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
334	UMEL	0881009	43 58.58N 60 36.18W	26.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK
337	UMEL	0881109	43 58.58N 60 36.18W	26.0	5	137	N	B-W	400	5.6	137	TMY	VERTICAL	SABLE ISLAND BANK

TABLE 5

SEDIMENT TRANSPORT 89-039 CSS HUDSON

<u>SAMPLE NUMBER</u>	<u>SAMPLER TYPE</u>	<u>JULIAN DAY/TIME</u>	<u>LATITUDE LONGITUDE</u>	<u>DEPTH (M)</u>	<u>SEDIMENT DISCHARGE</u>	<u>GEOGRAPHIC LOCATION</u>	<u>NOTES</u> -----
006	BEDLOAD	0782233	43 52.30N 60 37.80W	30.0	1.3X10 ⁻⁴	SABLE ISLAND BANK	LOWER COARSE GRAINED SAND, SUB-ROUNDED, MODERATE SPHERICITY, 95% QTZ.
007	SUSPENDED	0782245	43 52.30N 60 37.80W	30.0	2.8X10 ⁻⁷	SABLE ISLAND BANK	LOWER COARSE GRAINED SAND, SUB-ROUNDED, MODERATE SPHERICITY, 97% QTZ.
009	BEDLOAD	0782310	43 52.30N 60 37.80W	30.0	1.56X10 ⁻⁸	SABLE ISLAND BANK	UPPER COARSE SAND, SUB-ROUNDED, LOW - MODERATE SPHERICITY, 95% QTZ.
010	BEDLOAD	0790003	43 52.30N 60 37.80W	30.0	5.07X10 ⁻⁷	SABLE ISLAND BANK	UPPER COARSE SAND, SUB-ROUNDED GRAINS, MODERATE SPHERICITY, MODERATE SORTING, 90% QTZ.
011	SUSPENDED	0790029	43 52.30N 60 37.80W	30.0	NEGLECTABLE	SABLE ISLAND BANK	UPPER MEDIUM GRAINED SAND, MODERATE SORTING, MODERATE SPHERICITY, ROUNDED, 80% QTZ.
013	BEDLOAD	0790100	43 52.30N 60 37.80W	30.0	6.0X10 ⁻⁷	SABLE ISLAND BANK	UPPER MEDIUM GRAINED SAND, MODERATE SORTING, MODERATE SPHERICITY, WELL ROUNDED, 95% QTZ.
014	SUSPENDED	0790107	43 52.30N 60 37.80W	30.0	1.67X10 ⁻⁹	SABLE ISLAND BANK	FINE-MEDIUM SAND, MODERATE-WELL ROUNDED, MODERATE SPHERICITY, WELL SORTED, 95% QTZ.
015	BEDLOAD	0790134	43 52.30N 60 37.80W	30.0	3.89X10 ⁻⁵	SABLE ISLAND BANK	UPPER MEDIUM SAND, MODERATE-WELL SORTED, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
016	SUSPENDED	0790148	43 52.30N 60 37.80W	30.0	2.72X10 ⁻⁸	SABLE ISLAND BANK	FINE-MEDIUM SAND, WELL SORTED, MODERATE SPHERICITY, SUB-ROUNDED, ORGANIC CONTENT PRESENT (SHELL), 96% QTZ.
017	BEDLOAD	0790206	43 52.30N 60 37.80W	30.0	2.00X10 ⁻⁶	SABLE ISLAND BANK	MEDIUM-COARSE SAND, SUB-ANGULAR, POORLY SORTED, LOW SPHERICITY, 90% QTZ., 10% LITHIC FRAGMENTS.

TABLE 5

SEDIMENT TRANSPORT 89-039 CSS HUDSON

SAMPLE NUMBER	SAMPLER TYPE	JULIAN DAY/TIME	LATITUDE LONGITUDE	DEPTH (M)	SEDIMENT DISCHARGE	GEOGRAPHIC LOCATION	NOTES
018	SUSPENDED	0790217	43 52.30N 60 37.80W	30.0	1.11X10-8	SABLE ISLAND BANK	FINE SAND, WELL SORTED, SUB-ROUNDED, MODERATE SPHERICITY, 96% QTZ.
019	BEDLOAD	0790306	43 52.30N 60 37.80W	30.0	4.0X10-7	SABLE ISLAND BANK	MEDIUM SAND, MODERATE SORTING, MODERATE SPHERICITY, SUB-ROUNDED, 90% QTZ., 10% LITHIC FRAGMENTS.
020	SUSPENDED	0790331	43 52.30N 60 37.80W	30.0	2.7X10-9	SABLE ISLAND BANK	FINE SAND (LOWER FINE), WELL SORTED, ROUNDED, MODERATE-HIGH SPHERICITY, 98% QTZ., 2% LITHIC FRAGMENTS.
021	BEDLOAD	0790403	43 52.22N 60 37.80W	30.0	3.24X10-6	SABLE ISLAND BANK	MEDIUM-COARSE SAND. MODERATE ROUNDNESS, MODERATE SORTING, MODERATE SPHERICITY, 96% QTZ., 4% LITHIC FRAGMENTS.
023	SUSPENDED	0790432	43 52.22N 60 37.80W	30.0	2.2X10-9	SABLE ISLAND BANK	FINE SAND, MODERATE-HIGH SPHERICITY, WELL SORTED, SUB-ROUNDED (MODERATE) 96% QTZ., 4% LITHIC FRAGMENTS.
024	BEDLOAD	0790504	43 52.22N 60 37.80W	30.0	1.67X10-8	SABLE ISLAND BANK	MEDIUM-COARSE SAND, MODERATE SPHERICITY, MODERATELY SORTED, SUB-ROUNDED. 90% QTZ., 10% LITHIC FRAGMENTS.
026	SUSPENDED	0790532	43 52.22N 60 37.80W	30.0	1.4X10-9	SABLE ISLAND BANK	WELL SORTED, MODERATE SPHERICITY, FINE SAND, SUB-ROUNDED. 96% QTZ., 4% LITHIC FRAGMENTS.
027	BEDLOAD	0790603	43 52.22N 60 37.80W	30.0	4.4X10-7	SABLE ISLAND BANK	MEDIUM-COARSE SAND, MOD-SORTED, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
029	SUSPENDED	0790633	43 52.22N 60 37.80W	30.0	5.5X10-10	SABLE ISLAND BANK	WELL SORTED FINE SAND, SUB-ROUNDED, MODERATE SPHERICITY, 98% QTZ.
030	BEDLOAD	0790704	43 52.22N 60 37.80W	30.0	2.78X10-8	SABLE ISLAND BANK	MEDIUM-COARSE SAND. MODERATE SPHERICITY, MODERATELY SORTED, SUB-ROUNDED, 94.326% QTZ.

TABLE 5

SEDIMENT TRANSPORT 89-039 CSS HUDSON

SAMPLE NUMBER	SAMPLER TYPE	JULIAN DAY/TIME	LATITUDE LONGITUDE	DEPTH (M)	SEDIMENT DISCHARGE	GEOGRAPHIC LOCATION	NOTES
032	SUSPENDED	0790732	43 52.22N 60 37.80W	30.0	8.33X10-10	SABLE ISLAND BANK	FINE SAND, WELL SORTED, MODERATE SPHERICITY, SUB-ANGULAR, 98.23% QTZ.
033	BEDLOAD	0790806	43 52.22N 60 37.80W	30.0	5.2X10-8	SABLE ISLAND BANK	MODERATE-WELL SORTED, MEDIUM-COARSE SAND, SUB-ROUNDED, MODERATE SPHERICITY,
035	SUSPENDED	0790832	43 52.22N 60 37.80W	30.0	5.2X10-8	SABLE ISLAND BANK	WELL SORTED, FINE SAND, SUB-ROUNDED, MODERATE SPHERICITY, 98.5% QTZ., 1.5% LITHIC FRAGMENTS.
036	BEDLOAD	0790900	43 52.22N 60 37.80W	30.0	1.1X10-8	SABLE ISLAND BANK	MEDIUM SAND, MODERATE SORTING, MODERATE SPHERICITY, SUB-ANGULAR, 97% QTZ., 2.5% LITHIC FRAGMENTS, 0.5% SHELL FRAGMENTS.
038	SUSPENDED	0790931	43 52.22N 60 37.80W	30.0	5.5X10-10	SABLE ISLAND BANK	FINE SAND, WELL SORTED, MODERATE SPHERICITY, MODERATE ROUNDNESS, 98% QTZ.
039	BEDLOAD	0791000	43 52.22N 60 37.80W	30.0	2.37X10-7	SABLE ISLAND BANK	UPPER MEDIUM SAND, WELL SORTED, WELL ROUNDED, HIGH SPHERICITY, 95% QTZ.
041	SUSPENDED	0791031	43 52.22N 60 37.80W	30.0		SABLE ISLAND BANK	VERY LITTLE SEDIMENT, LOWER MEDIUM, ROUNDED, WELL SORTED, HIGH SPHERICITY, QUARTZ SAND (30 GRAINS).
042	BEDLOAD	0791058	43 52.22N 60 37.80W	30.0	1.1X10-6	SABLE ISLAND BANK	UPPER MEDIUM, MODERATELY SORTED, WELL ROUNDED, HIGH SPHERICITY, QUARTZ SAND, 95% QTZ, 5% LITHIC.
044	SUSPENDED	0791130	43 52.22N 60 37.80W	30.0		SABLE ISLAND BANK	LOWER MEDIUM, WELL SORTED, WELL ROUNDED, HIGH SPHERICITY, QUARTZ SAND, 95% QTZ., FEW LITHICS.
045	BEDLOAD	0791204	43 52.22N 60 37.80W	30.0		SABLE ISLAND BANK	UPPER MEDIUM, WELL SORTED, WELL ROUNDED, HIGH SPHERICITY, QUARTZ SAND, 95% QTZ., 5% LITHICS, OFTEN COARSER, SUBANGULAR.

TABLE 5

SEDIMENT TRANSPORT 89-039 CSS HUDSON

SAMPLE NUMBER	SAMPLER TYPE	JULIAN DAY/TIME	LATITUDE LONGITUDE	DEPTH (M)	SEDIMENT DISCHARGE	GEOGRAPHIC LOCATION	NOTES
070	BEDLOAD	0802200	43 52.17N 60 38.18W	30.0	1.095X10-6	SABLE ISLAND BANK	MEDIUM SAND, VERY WELL SORTED, HIGH SPHERICITY, 95% QTZ.
072	SUSPENDED	0802230	43 52.17N 60 38.18W	30.0	4.2X10-8	SABLE ISLAND BANK	
073	BEDLOAD	0802300	43 52.17N 60 38.18W	30.0	2.57X10-7	SABLE ISLAND BANK	WELL SORTED MEDIUM SAND, SUB-ANGULAR, MEDIUM SPHERICITY, 90% QTZ.
075	SUSPENDED	0802336	43 52.17N 60 38.18W	30.0	2.3X10-8	SABLE ISLAND BANK	WELL SORTED FINE SAND, MED-ROUNDED, SUB-ROUNDED, 90% QTZ.
076	BEDLOAD	0810002	43 52.20N 60 38.15W	30.0	6.8X10-8	SABLE ISLAND BANK	MOD SORTED, MEDIUM SAND WITH GRAVEL SIZED SHELL DEBRIS AND HARD GRAVEL SIZED ORGANIC BLOCK, MOD SPHERICITY, SUB-ANGULAR.
078	SUSPENDED	0810039	43 52.20N 60 38.15W	30.0	4.8X10-8	SABLE ISLAND BANK	VERY WELL SORTED FINE SAND, WELL ROUNDED, MODERATE SPHERICITY, 85% QTZ.
079	BEDLOAD	0810104	43 52.20N 60 38.15W	30.0	1.8X10-5	SABLE ISLAND BANK	WELL SORTED, MEDIUM SAND-COARSE SAND, MODERATE SPHERICITY, SUB-ROUNDED, 92% QTZ.
081	SUSPENDED	0810142	43 52.20N 60 38.15W	30.0	2.4X10-8	SABLE ISLAND BANK	FINE-MEDIUM SAND, WELL SORTED, MODERATE SPHERICITY, SUB-ROUNDED, 96% QTZ.
082	BEDLOAD	0810208	43 52.20N 60 38.15W	30.0	2.59X10-5	SABLE ISLAND BANK	MED-COARSE SAND, WELL SORTED, MODERATE SPHERICITY, SUB-ANGULAR-SUB-ROUNDED, 96% QTZ.
084	SUSPENDED	0810244	43 52.20N 60 38.15W	30.0	1.83X10-7	SABLE ISLAND BANK	FINE-MEDIUM SAND, WELL SORTED, MODERATE SPHERICITY, SUB-ANGULAR, 96% QTZ.

TABLE 5

SEDIMENT TRANSPORT 89-039 CSS HUDSON

SAMPLE NUMBER	SAMPLER TYPE	JULIAN DAY/TIME	LATITUDE LONGITUDE	DEPTH (M)	SEDIMENT DISCHARGE	GEOGRAPHIC LOCATION	NOTES
085	BEDLOAD	0810310	43 52.20N 60 38.15W	30.0	1.58X10-5	SABLE ISLAND BANK	MEDIUM SAND, WELL SORTED, MODERATE SPHERICITY, SUB-ROUNDED, 96% QTZ.
087	SUSPENDED	0810344	43 52.20N 60 38.15W	30.0	2.53X10-8	SABLE ISLAND BANK	FINE-MEDIUM SAND, WELL SORTED, SUB-ROUNDED, MODERATE SPHERICITY, 95% QTZ.
088	BEDLOAD	0810410	43 52.20N 60 38.15W	30.0	1.4X10-5	SABLE ISLAND BANK	MEDIUM-COARSE SAND, WELL SORTED, MODERATE SPHERICITY, SUB-ANGULAR.
090	SUSPENDED	0810454	43 52.20N 60 38.15W	30.0	7.1X10-8	SABLE ISLAND BANK	FINE-MEDIUM SAND, WELL SORTED, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
091	BEDLOAD	0810521	43 52.10N 60 38.04W	30.0	2.3X10-6	SABLE ISLAND BANK	COARSE SAND, MODERATE SORTING, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
093	SUSPENDED	0810557	43 52.10N 60 38.04W	30.0	1.0X10-6	SABLE ISLAND BANK	MEDIUM SAND, WELL SORTED, SUB-ANGULAR, MODERATE SPHERICITY, 95% QTZ.
094	BEDLOAD	0810626	43 52.10N 60 38.04W	30.0	6.5X10-7	SABLE ISLAND BANK	MEDIUM-COARSE SAND, MODERATELY SORTED, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.
096	SUSPENDED	0810705	43 52.10N 60 38.04W	30.0	1.67X10-7	SABLE ISLAND BANK	WELL SORTED MEDIUM SAND, SUB-ANGULAR, MODERATE SPHERICITY, 95% QTZ.
097	BEDLOAD	0810730	43 52.10N 60 38.04W	30.0	6.83X10-7	SABLE ISLAND BANK	MEDIUM-COARSE SAND, SUB-ANGULAR, MODERATE SPHERICITY, MODERATE SORTING, 95% QTZ.
099	SUSPENDED	0810806	43 52.00N 60 38.00W	30.0	0.04X10-6	SABLE ISLAND BANK	FINE-MEDIUM SAND, WELL SORTED, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.

TABLE 5

SEDIMENT TRANSPORT 89-039 CSS HUDSON

SAMPLE NUMBER	SAMPLER TYPE	JULIAN DAY/TIME	LATITUDE LONGITUDE	DEPTH (M)	SEDIMENT DISCHARGE	GEOGRAPHIC LOCATION	NOTES
100	BEDLOAD	0810833	43 52.00N 60 38.00W	30.0	1.44X10 ⁻⁶	SABLE ISLAND BANK	MEDIUM SAND, WELL SORTED, MODERATE SPHERICITY, SUB-ROUNDED, 96% QTZ.
102	SUSPENDED	0810908	43 52.00N 60 38.00W	30.0	2.32X10 ⁻⁸	SABLE ISLAND BANK	FINE SAND, VERY WELL SORTED, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
103	BEDLOAD	0810933	43 52.00N 60 38.00W	30.0	4.0X10 ⁻⁶	SABLE ISLAND BANK	FINE-MEDIUM SAND, VERY WELL SORTED, MODERATE SPHERICITY, SUB-ROUNDED.
105	SUSPENDED	0811026	43 52.00N 60 38.00W	30.0	5.89X10 ⁻⁶	SABLE ISLAND BANK	FINE-MEDIUM SAND, WELL SORTED, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
106	BEDLOAD	0811032	43 52.00N 60 38.00W	30.0	1.25X10 ⁻⁵	SABLE ISLAND BANK	MEDIUM-COARSE SAND, WELL SORTED, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
108	SUSPENDED	0811107	43 52.00N 60 38.00W	30.0	6.94X10 ⁻⁸	SABLE ISLAND BANK	WELL SORTED, FINE SAND, MODERATE SPHERICITY, SUB-ROUNDED, 96% QTZ.
109	BEDLOAD	0811133	43 52.00N 60 38.00W	30.0	3.79X10 ⁻⁶	SABLE ISLAND BANK	MEDIUM SAND, WELL SORTED, MODERATE SPHERICITY, ROUNDED-SUB-ROUNDED, 95% QTZ.
110	SUSPENDED	0811218	43 52.00N 60 38.00W	30.0		SABLE ISLAND BANK	MEDIUM SAND, WELL SORTED, MODERATE SPHERICITY, ROUNDED-SUB-ROUNDED, 95% QTZ.
112	BEDLOAD	0811300	43 52.00N 60 38.00W	30.0		SABLE ISLAND BANK	MEDIUM SAND, WELL SORTED, HIGH SPHERICITY, ROUNDED-SUB-ROUNDED, 95% QTZ.
114	SUSPENDED	0811341	43 51.97N 60 37.99W	30.0		SABLE ISLAND BANK	MEDIUM SAND, WELL SORTED, HIGH SPHERICITY, 99% QTZ.

TABLE 5

SEDIMENT TRANSPORT 89-039 CSS HUDSON

SAMPLE NUMBER	SAMPLER TYPE	JULIAN DAY/TIME	LATITUDE LONGITUDE	DEPTH (M)	SEDIMENT DISCHARGE	GEOGRAPHIC LOCATION	NOTES
115	BEDLOAD	0811408	43 51.97N 60 37.99W	30.0	3.9X10-6	SABLE ISLAND BANK	MEDIUM SAND, WELL SORTED, HIGH SPHERICITY 95% QTZ.
132	BEDLOAD	0821840	43 55.08N 60 30.36W	28.0	3.414X10-9	SABLE ISLAND BANK	MEDIUM SAND, WELL SORTED, MODERATE-HIGH SPHERICITY, 95% QTZ.
134	SUSPENDED	0821921	43 55.08N 60 30.36W	28.0		SABLE ISLAND BANK	MEDIUM SAND, WELL SORTED, HIGH SPHERICITY SUB-ROUNDED, 95% QTZ.
135	BEDLOAD	0821940	43 55.08N 60 30.36W	28.0	3.624X10-7	SABLE ISLAND BANK	COARSE SAND, WELL SORTED, HIGH SPHERICITY ROUNDED, 95% QTZ.
137	SUSPENDED	0821940	43 55.08N 60 30.36W	28.0		SABLE ISLAND BANK	A COUPLE OF GRAINS ONLY.
138	BEDLOAD	0822047	43 55.08N 60 30.36W	28.0	4.43X10-8	SABLE ISLAND BANK	MEDIUM SAND, VERY WELL SORTED, HIGH SPHERICITY, 100% QTZ.
141	SUSPENDED	0822149	43 55.11N 43 30.39W	28.0		SABLE ISLAND BANK	MEDIUM SAND, VERY WELL SORTED, HIGH SPHERICITY, 99% QTZ.
142	BEDLOAD	0822216	43 55.11N 60 30.39W	28.0	2.4X10-5	SABLE ISLAND BANK	MEDIUM SAND, VERY WELL SORTED, HIGH SPHERICITY, 99% QTZ.
144	SUSPENDED	0822259	43 55.11N 60 30.39W	28.0	1.7X10-8	SABLE ISLAND BANK	MEDIUM SAND, VERY WELL SORTED, HIGH SPHERICITY, 95% QTZ.
145	BEDLOAD	0822326	43 55.11N 60 30.39W	28.0	6.96X10-8	SABLE ISLAND BANK	MEDIUM SAND, VERY WELL SORTED, HIGH SPHERICITY, 95% QTZ.

TABLE 5

SEDIMENT TRANSPORT 89-039 CSS HUDSON

<u>SAMPLE NUMBER</u>	<u>SAMPLER TYPE</u>	<u>JULIAN DAY/TIME</u>	<u>LATITUDE LONGITUDE</u>	<u>DEPTH (M)</u>	<u>SEDIMENT DISCHARGE</u>	<u>GEOGRAPHIC LOCATION</u>	<u>NOTES</u> -----
145	BEDLOAD	0822326	43 55.11N 60 30.39W	28.0	6.96X10-8	SABLE ISLAND BANK	MEDIUM SAND, VERY WELL SORTED, HIGH SPHERICITY, 95% QTZ.
147	SUSPENDED	0830004	43 55.11N 60 30.39W	28.0	1.68X10-9	SABLE ISLAND BANK	WELL SORTED, FINE SAND, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.
148	BEDLOAD	0830028	43 55.11N 60 30.39W	28.0	1.78X10-8	SABLE ISLAND BANK	MEDIUM-COARSE SAND, MODERATE SORTING, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
150	SUSPENDED	0830104	43 55.11N 60 30.39W	28.0	1.68X10-9	SABLE ISLAND BANK	FINE SAND, MODERATE SORTING, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
151	BEDLOAD	0830128	43 55.11N 60 30.39W	28.0	1.34X10-5	SABLE ISLAND BANK	MEDIUM-COARSE SAND, MODERATE SORTING, MODERATE SPHERICITY, SUB-ROUNDED, 96% QTZ.
153	SUSPENDED	0830128	43 55.11N 60 30.39W	28.0	1.34X10-5	SABLE ISLAND BANK	MEDIUM-COARSE SAND, MODERATE SORTING, MODERATE SPHERICITY, SUB-ROUNDED, 96% QTZ.
153	SUSPENDED	0830201	43 55.11N 60 30.39W	28.0	1.67X10-8	SABLE ISLAND BANK	FINE-MEDIUM GRAINED, WELL ROUNDED, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.
154	BEDLOAD	0830227	43 55.15N 60 30.36W	28.0	2.59X10-5	SABLE ISLAND BANK	MEDIUM-COARSE SAND, MODERATE SORTING, MODERATE SPHERICITY, SUB-ANGULAR-SUB-ROUNDED, 95% QTZ.
156	SUSPENDED	0830303	43 55.15N 60 30.36W	28.0	2.5X10-8	SABLE ISLAND BANK	WELL SORTED, MEDIUM SAND, SUB-ANGULAR, MODERATE SPHERICITY, 95% QTZ.
157	BEDLOAD	0830330	43 55.15N 60 30.36W	28.0	8.33X10-6	SABLE ISLAND BANK	WELL SORTED, MEDIUM-COARSE SAND, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.

TABLE 5

SEDIMENT TRANSPORT 89-039 CSS HUDSON

SAMPLE NUMBER	SAMPLER TYPE	JULIAN DAY/TIME	LATITUDE LONGITUDE	DEPTH (M)	SEDIMENT DISCHARGE	GEOGRAPHIC LOCATION	NOTES
159	SUSPENDED	0830403	43 55.15N 60 30.36W	28.0	2.77X10-8	SABLE ISLAND BANK	FINE-MEDIUM SAND, WELL SORTED, SUB-ROUNDED, MODERATE SPHERICITY, 96% QTZ.
160	BEDLOAD	0830424	43 55.15N 60 30.36W	28.0	2.39X10-7	SABLE ISLAND BANK	MEDIUM SAND (SOME COARSE), WELL SORTED, MODERATE SPHERICITY, SUB-ANGULAR - SUB-ROUNDED, 95% QTZ.
162	SUSPENDED	0830520	43 54.97N 60 30.22W	28.0	3.34X10-8	SABLE ISLAND BANK	WELL SORTED, FINE-MEDIUM SAND, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.
163	BEDLOAD	0830548	43 54.97N 60 30.22W	28.0	5.13X10-8	SABLE ISLAND BANK	WELL SORTED, MEDIUM SAND, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
165	BEDLOAD	0830548	43 54.97N 60 30.22W	28.0	1.17X10-7	SABLE ISLAND BANK	MEDIUM-COARSE SAND, WELL SORTED, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
169	BEDLOAD	0830750	43 54.97N 60 30.11W	28.0	3.53X10-5	SABLE ISLAND BANK	MEDIUM-COARSE SAND. MODERATE-WELL SORTED, POOR-MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.
171	SUSPENDED	0830825	43 54.97N 60 30.11W	28.0	7.06X10-7	SABLE ISLAND BANK	WELL SORTED, MEDIUM SAND, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
172	BEDLOAD	0830852	43 54.97N 60 30.11W	28.0	1.64X10-7	SABLE ISLAND BANK	WELL SORTED, MEDIUM-COARSE SAND, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
174	SUSPENDED	0830924	43 54.97N 60 30.11W	28.0	1.03X10-8	SABLE ISLAND BANK	WELL SORTED, MEDIUM-FINE SAND, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.
175	BEDLOAD	0830949	43 54.97N 60 30.11W	28.0	2.25X10-8	SABLE ISLAND BANK	MEDIUM SAND, WELL SORTED, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.

TABLE 5

SEDIMENT TRANSPORT 89-039 CSS HUDSON

SAMPLE NUMBER	SAMPLER TYPE	JULIAN DAY/TIME	LATITUDE LONGITUDE	DEPTH (M)	SEDIMENT DISCHARGE	GEOGRAPHIC LOCATION	NOTES
177	SUSPENDED	0831049	43 54.97N 60 30.22W	28.0	1.51X10-8	SABLE ISLAND BANK	WELL SORTED, MEDIUM-FINE SAND, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
178	BEDLOAD	0831113	43 54.97N 60 30.22W	28.0	1.39X10-7	SABLE ISLAND BANK	WELL SORTED, FINE-MEDIUM SAND, MODERATE SPHERICITY, SUB-ANGULAR-SUB-ROUNDED, 95% QTZ.
180	SUSPENDED	0831146	43 54.97N 60 30.22W	28.0		SABLE ISLAND BANK	TRACE OF SEDIMENT.
181	BEDLOAD	0831216	43 54.97N 60 30.22W	28.0	4.016X10-8	SABLE ISLAND BANK	MEDIUM SAND, ROUNDED-SUB-ROUNDED, HIGH SPHERICITY, 95% QTZ.
183	SUSPENDED	0831258	43 54.97N 60 30.22W	28.0		SABLE ISLAND BANK	TRACE OF SEDIMENT.
184	BEDLOAD	0831258	43 54.90N 60 30.18W	28.0	5.04X10-8	SABLE ISLAND BANK	ROUNDED-SUBROUNDED, MEDIUM SAND, HIGH SPHERICITY, VERY WELL SORTED, 95% QTZ.
186	SUSPENDED	0831405	43 54.90N 60 30.18W	28.0		SABLE ISLAND BANK	NO SEDIMENT.
187	BEDLOAD	0831432	43 54.90N 60 30.18W	28.0	2.152X10-5	SABLE ISLAND BANK	
189	SUSPENDED	0831509	43 54.90N 60 30.18W	28.0		SABLE ISLAND BANK	NO SEDIMENT.
205	SUSPENDED	0850056	44 01.74N 59 33.99W	22.0	1.47X10-8	SABLE ISLAND BANK	FINE SAND, WELL SORTED, SUB-ROUNDED, MODERATE SPHERICITY, 95% QTZ.

TABLE 5

SEDIMENT TRANSPORT 89-039 CSS HUDSON

SAMPLE NUMBER	SAMPLER TYPE	JULIAN DAY/TIME	LATITUDE LONGITUDE	DEPTH (M)	SEDIMENT DISCHARGE	GEOGRAPHIC LOCATION	NOTES
206	BEDLOAD	0850120	44 01.74N 59 33.99W	22.0	1.94X10-5	SABLE ISLAND BANK	MEDIUM-COARSE SAND. MODERATE-WELL SORTED, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.
208	SUSPENDED	0850153	44 01.74N 59 33.99W	22.0	1.1X10-9	SABLE ISLAND BANK	WELL SORTED, FINE SAND, MODERATE SPHERICITY, 95% QTZ.
209	BEDLOAD	0850217	44 01.74N 59 33.99W	22.0	2.83X10-7	SABLE ISLAND BANK	MODERATE SORTED, VERY COARSE SAND, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
211	SUSPENDED	0850254	44 01.74N 59 33.99W	22.0	2.99X10-9	SABLE ISLAND BANK	WELL SORTED, FINE SAND, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.
212	BEDLOAD	0850319	44 01.74N 59 34.00W	22.0	1.71X10-6	SABLE ISLAND BANK	MODERATE SORTED, VERY COARSE SAND, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
214	SUSPENDED	0850358	44 01.74N 59 34.00W	22.0	9.6X10-9	SABLE ISLAND BANK	WELL SORTED, FINE SAND, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.
215	BEDLOAD	0850427	44 01.74N 59 34.00W	22.0	3.2X10-7	SABLE ISLAND BANK	WELL SORTED, MEDIUM SAND, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.
217	SUSPENDED	0850502	44 01.74N 59 34.00W	22.0	1.7X10-8	SABLE ISLAND BANK	WELL SORTED, FINE SAND, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.
218	BEDLOAD	0850526	44 01.74N 59 34.00W	22.0	3.76X10-8	SABLE ISLAND BANK	FINE-MEDIUM GRAINED, MODERATE-WELL SORTED, SUB-ANGULAR-SUB-ROUNDED, 95% QTZ.
220	SUSPENDED	0850559	44 01.77N 59 33.96W	22.0	3.5X10-8	SABLE ISLAND BANK	WELL SORTED, FINE SAND, MODERATE SPHERICITY, MOD-ROUNDED, 95% QTZ.

TABLE 5

SEDIMENT TRANSPORT 89-039 CSS HUDSON

SAMPLE NUMBER	SAMPLER TYPE	JULIAN DAY/TIME	LATITUDE LONGITUDE	DEPTH (M)	SEDIMENT DISCHARGE	GEOGRAPHIC LOCATION	NOTES

221	BEDLOAD	0850625	44 01.77N 59 33.96W	22.0	9.22X10-8	SABLE ISLAND BANK	FINE-MEDIUM GRAINED. MOD-WELL SORTED, SUB-ROUNDED, 95% QTZ.
223	SUSPENDED	0850658	44 01.77N 59 33.96W	22.0	4.79X10-8	SABLE ISLAND BANK	FINE-MEDIUM GRAINED. MOD-WELL SORTED, SUB-ROUNDED, MODERATE SPHERICITY, 95% QTZ.
224	BEDLOAD	0850722	44 01.77N 59 33.96W	22.0	5.54X10-7	SABLE ISLAND BANK	FINE-MEDIUM SAND, WELL SORTED, MODERATE MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
226	SUSPENDED	0850756	44 01.77N 59 33.96W	22.0	1.3X10-8	SABLE ISLAND BANK	WELL SORTED, FINE SAND, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.
227	BEDLOAD	0850820	44 01.74N 59 33.97W	22.0	9.72X10-8	SABLE ISLAND BANK	WELL SORTED, MEDIUM SAND, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
229	SUSPENDED	0850820	44 01.74N 59 33.97W	22.0	1.5X10-8	SABLE ISLAND BANK	WELL SORTED, FINE SAND, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.
230	BEDLOAD	0850915	44 01.74N 59 33.97W	22.0	5.34X10-7	SABLE ISLAND BANK	MEDIUM-COARSE SAND, MODERATE SORTED, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.
230	BEDLOAD	0850915	44 01.74N 59 33.97W	22.0	5.34X10-7	SABLE ISLAND BANK	MEDIUM-COARSE SAND, MODERATE SORTED, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.
232	SUSPENDED	0850945	44 01.74N 59 33.97W	22.0	8.83X10-8	SABLE ISLAND BANK	FINE-MEDIUM GRAINED, WELL SORTED, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
233	BEDLOAD	0850945	44 01.74N 59 33.97W	22.0	9.94X10-8	SABLE ISLAND BANK	MEDIUM GRAINED, MOD-WELL SORTED, MODERATE SPHERICITY, SUB-ROUNDED, 97% QTZ.

TABLE 5

SEDIMENT TRANSPORT 89-039 CSS HUDSON

SAMPLE NUMBER	SAMPLER TYPE	JULIAN DAY/TIME	LATITUDE LONGITUDE	DEPTH (M)	SEDIMENT DISCHARGE	GEOGRAPHIC LOCATION	NOTES
235	SUSPENDED	0851042	44 01.76N 59 33.94W	22.0	8.89X10-8	SABLE ISLAND BANK	FINE-MEDIUM SAND, WELL SORTED, MODERATE SPHERICITY, SUB-ROUNDED, 96% QTZ.
236	BEDLOAD	0851106	44 01.76N 59 33.94W	22.0	5.47X10-7	SABLE ISLAND BANK	MEDIUM-COARSE SAND, MODERATE SORTING, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.
238	SUSPENDED	0851137	44 01.76N 59 33.94W	22.0	7.57X10-8	SABLE ISLAND BANK	FINE-MEDIUM SAND, WELL SORTED, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
262	BEDLOAD	0870026	44 02.10N 59 33.60W	24.0	2.3X10-8	SABLE ISLAND BANK	FINE-MEDIUM GRAINED, WELL SORTED, SUB-ANGULAR-SUB-ROUNDED, 95% QTZ.
264	SUSPENDED	0870103	44 02.10N 59 33.60W	24.0	9.28X10-10	SABLE ISLAND BANK	FINE-MEDIUM GRAINED, WELL SORTED, SUB-ROUNDED, MODERATE SPHERICITY, 97% QTZ.
265	BEDLOAD	0870130	44 02.10N 59 33.60W	24.0	1.2X10-6	SABLE ISLAND BANK	MEDIUM-COARSE GRAINED, MODERATE-WELL SORTED, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.
267	SUSPENDED	0870204	44 02.10N 59 33.60W	24.0	1.7X10-9	SABLE ISLAND BANK	WELL SORTED, FINE SAND, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.
268	BEDLOAD	0870237	44 02.10N 59 33.60W	24.0	1.7X10-9	SABLE ISLAND BANK	WELL SORTED, FINE SAND, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.
270	SUSPENDED	0870308	44 02.10N 59 33.60W	24.0	3.4X10-10	SABLE ISLAND BANK	WELL SORTED, VERY FINE SAND, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.
271	BEDLOAD	0870334	44 02.10N 59 33.60W	24.0	2.1X10-8	SABLE ISLAND BANK	WELL SORTED, FINE SAND, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.

TABLE 5

SEDIMENT TRANSPORT 89-039 CSS HUDSON

<u>SAMPLE NUMBER</u>	<u>SAMPLER TYPE</u>	<u>JULIAN DAY/TIME</u>	<u>LATITUDE LONGITUDE</u>	<u>DEPTH (M)</u>	<u>SEDIMENT DISCHARGE</u>	<u>GEOGRAPHIC LOCATION</u>	<u>NOTES</u> -----
273	SUSPENDED	0870410	44 02.10N 59 33.60W	24.0	1.06X10 ⁻⁸	SABLE ISLAND BANK	FINE SAND, WELL SORTED, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
274	BEDLOAD	0870436	44 02.10N 59 33.60W	24.0	2.05X10 ⁻⁸	SABLE ISLAND BANK	MODERATE-WELL SORTED, MEDIUM SAND, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.
276	SUSPENDED	0870502	44 02.10N 59 33.60W	24.0	2.05X10 ⁻⁸	SABLE ISLAND BANK	VERY FINE-FINE SAND, VERY WELL SORTED, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
277	BEDLOAD	0870536	44 02.10N 59 33.60W	24.0	2.49X10 ⁻⁸	SABLE ISLAND BANK	FINE-MEDIUM GRAINED, MODERATE SORTING, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
279	SUSPENDED	0870610	44 02.10N 59 33.60W	24.0	1.4X10 ⁻⁹	SABLE ISLAND BANK	WELL SORTED, FINE SAND, SUB-ANGULAR, MODERATE SPHERICITY, 95% QTZ.
280	BEDLOAD	0870635	44 02.10N 59 33.60W	24.0	9.4X10 ⁻⁸	SABLE ISLAND BANK	WELL SORTED, FINE-MEDIUM SAND, MODERATE SPHERICITY, SUB-ROUNDED-SUB-ANGULAR, 95% QTZ.
282	SUSPENDED	0870708	44 02.10N 59 33.60W	24.0	2.0X10 ⁻¹⁰	SABLE ISLAND BANK	WELL SORTED, FINE SAND.
283	BEDLOAD	0870733	44 02.10N 59 33.60W	24.0	3.01X10 ⁻⁸	SABLE ISLAND BANK	MEDIUM SAND, WELL SORTED, SUB-ANGULAR, MODERATE SPHERICITY, 95% QTZ.
284	SUSPENDED	0870806	44 02.10N 59 33.60W	24.0		SABLE ISLAND BANK	TRACE, NO SUSPENDED TRANSPORT, VERY FINE GRAINED.
286	BEDLOAD	0870833	44 02.10N 59 33.60W	24.0	6.8X10 ⁻⁹	SABLE ISLAND BANK	FINE SAND, WELL SORTED, SUB-ROUNDED, MODERATE SPHERICITY, 97% QTZ.

TABLE 5

SEDIMENT TRANSPORT 89-039 CSS HUDSON

SAMPLE NUMBER	SAMPLER TYPE	JULIAN DAY/TIME	LATITUDE LONGITUDE	DEPTH (M)	SEDIMENT DISCHARGE	GEOGRAPHIC LOCATION	NOTES
288	SUSPENDED	0870902	44 02.10N 59 33.60W	24.0	5X10-10	SABLE ISLAND BANK	FINE SAND.
289	BEDLOAD	0870955	44 02.10N 59 33.60W	24.0	2.0X10-5	SABLE ISLAND BANK	WELL SORTED, FINE-MEDIUM SAND, MODERATE SPHERICITY, 95% QTZ.
291	SUSPENDED	0871031	44 02.10N 59 33.60W	24.0	5.0X10-10	SABLE ISLAND BANK	FINE SAND.
292	BEDLOAD	0871055	44 02.10N 59 33.60W	24.0	4.8X10-80	SABLE ISLAND BANK	WELL SORTED, MEDIUM SAND, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.
293	SUSPENDED	0871125	44 02.10N 59 33.60W	24.0	4.11X10-7	SABLE ISLAND BANK	FINE-MEDIUM SAND, WELL SORTED, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.
306	BEDLOAD	0880104	43 58.58N 60 36.18W	26.0	1.56X10-8	SABLE ISLAND BANK	MEDIUM-COARSE SAND, MODERATE SORTING, SPHERICITY, SUB-ANGULAR, 95% QTZ.
308	SUSPENDED	0880142	43 58.58N 60 36.18W	26.0	2.3X10-9	SABLE ISLAND BANK	WELL SORTED, FINE SAND.
309	BEDLOAD	0880207	43 58.58N 60 36.18W	26.0	5.6X10-9	SABLE ISLAND BANK	WELL SORTED, FINE SAND, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.
311	SUSPENDED	0880242	43 58.58N 60 36.18W	26.0	6.0X10-10	SABLE ISLAND BANK	FINE SAND.
312	BEDLOAD	0880308	43 58.58N 60 36.18W	26.0	7.8X10-9	SABLE ISLAND BANK	WELL SORTED, FINE SAND, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.

TABLE 5

SEDIMENT TRANSPORT 89-039 CGS HUDSON

SAMPLE NUMBER	SAMPLER TYPE	JULIAN DAY/TIME	LATITUDE LONGITUDE	DEPTH (M)	SEDIMENT DISCHARGE	GEOGRAPHIC LOCATION	NOTES -----
314	SUSPENDED	0880341	43 58.58N 60 36.18W	26.0	1X10-11	SABLE ISLAND BANK	TRACE FINE SAND.
315	BEDLOAD	0880407	43 58.58N 60 36.18W	26.0	1.1X10-8	SABLE ISLAND BANK	WELL SORTED, FINE SAND, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.
317	SUSPENDED	0880442	43 58.58N 60 36.18W	26.0	1X10-4	SABLE ISLAND BANK	TRACE FINE SAND.
318	BEDLOAD	0880507	43 58.58N 60 36.18W	26.0	6.7X10-9	SABLE ISLAND BANK	WELL SORTED, FINE SAND, MODERATE SPHERICITY, SUB-ANGULAR, 95% QTZ.
320	SUSPENDED	0880539	43 58.58N 60 36.18W	26.0	0.6X10-9	SABLE ISLAND BANK	WELL SORTED, FINE SAND.
321	BEDLOAD	0880603	43 58.58N 60 36.18W	26.0	3.4X10-8	SABLE ISLAND BANK	WELL SORTED, FINE SAND, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
323	SUSPENDED	0880636	43 58.58N 60 36.18W	26.0	1/10-4	SABLE ISLAND BANK	FINE SAND.
324	BEDLOAD	0880658	43 58.58N 60 36.18W	26.0	5.1X10-6	SABLE ISLAND BANK	WELL SORTED, FINE-MEDIUM SAND, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
326	SUSPENDED	0880730	43 58.58N 60 36.18W	26.0	0.5X10-4	SABLE ISLAND BANK	TRACE FINE SAND.
327	BEDLOAD	0880754	43 58.58N 60 36.18W	26.0	1.9X10-8	SABLE ISLAND BANK	WELL SORTED, FINE SAND, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.

SEDIMENT TRANSPORT 89-039 CSS HUDSON

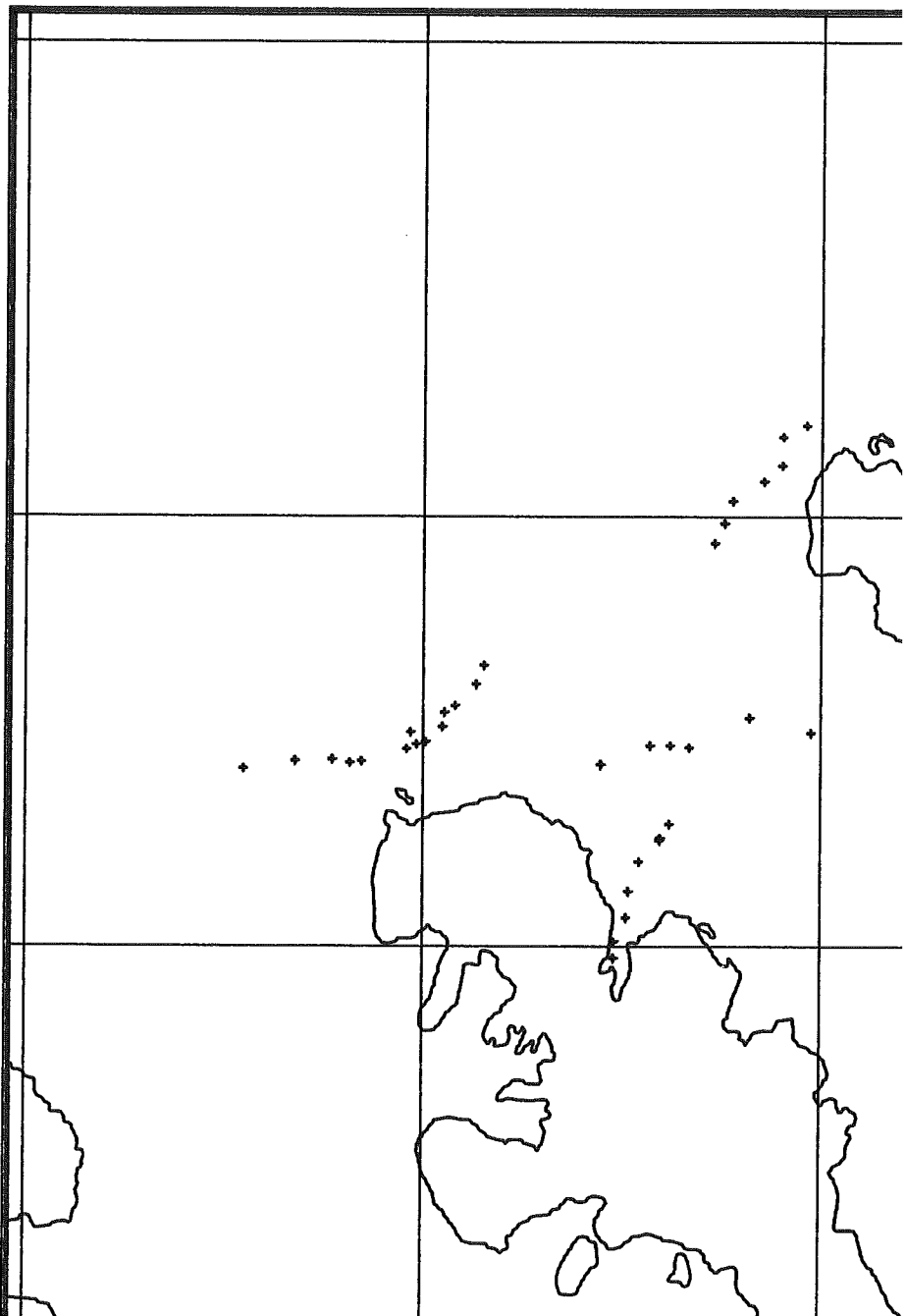
SAMPLE NUMBER	SAMPLER TYPE	JULIAN DAY/TIME	LATITUDE LONGITUDE	DEPTH (M)	SEDIMENT DISCHARGE	GEOGRAPHIC LOCATION	NOTES
329	SUSPENDED	0880824	43 58.58N 60 36.18W	26.0	5X10-12	SABLE ISLAND BANK	TRACE FINE SAND.
330	BEDLOAD	0880847	43 58.58N 60 36.18W	26.0	1.02X10-7	SABLE ISLAND BANK	WELL SORTED, FINE SAND, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
332	SUSPENDED	0880919	43 58.58N 60 36.18W	26.0	5X10-4	SABLE ISLAND BANK	FINE SAND.
333	BEDLOAD	0880945	43 58.58N 60 36.18W	26.0	3.8X10-5	SABLE ISLAND BANK	WELL SORTED, FINE-MEDIUM SAND, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
335	SUSPENDED	0881017	43 58.58N 60 36.18W	26.0	2.16X10-8	SABLE ISLAND BANK	MODERATE SORTED, MEDIUM SAND, MODERATE SPHERICITY, SUB ANGULAR-SUB-ROUNDED, 95% QTZ.
336	BEDLOAD	0881045	43 58.58N 60 36.18W	26.0	2.36X10-6	SABLE ISLAND BANK	MEDIUM GRAINED, MODERATE SORTED, MODERATE SPHERICITY, SUB-ROUNDED, 95% QTZ.
338	SUSPENDED	0881116	43 58.58N 60 36.18W	26.0	2.62X10-8	SABLE ISLAND BANK	MEDIUM GRAINED SAND, MODERATE SORTED, SUB-ROUNDED, 95% QTZ.

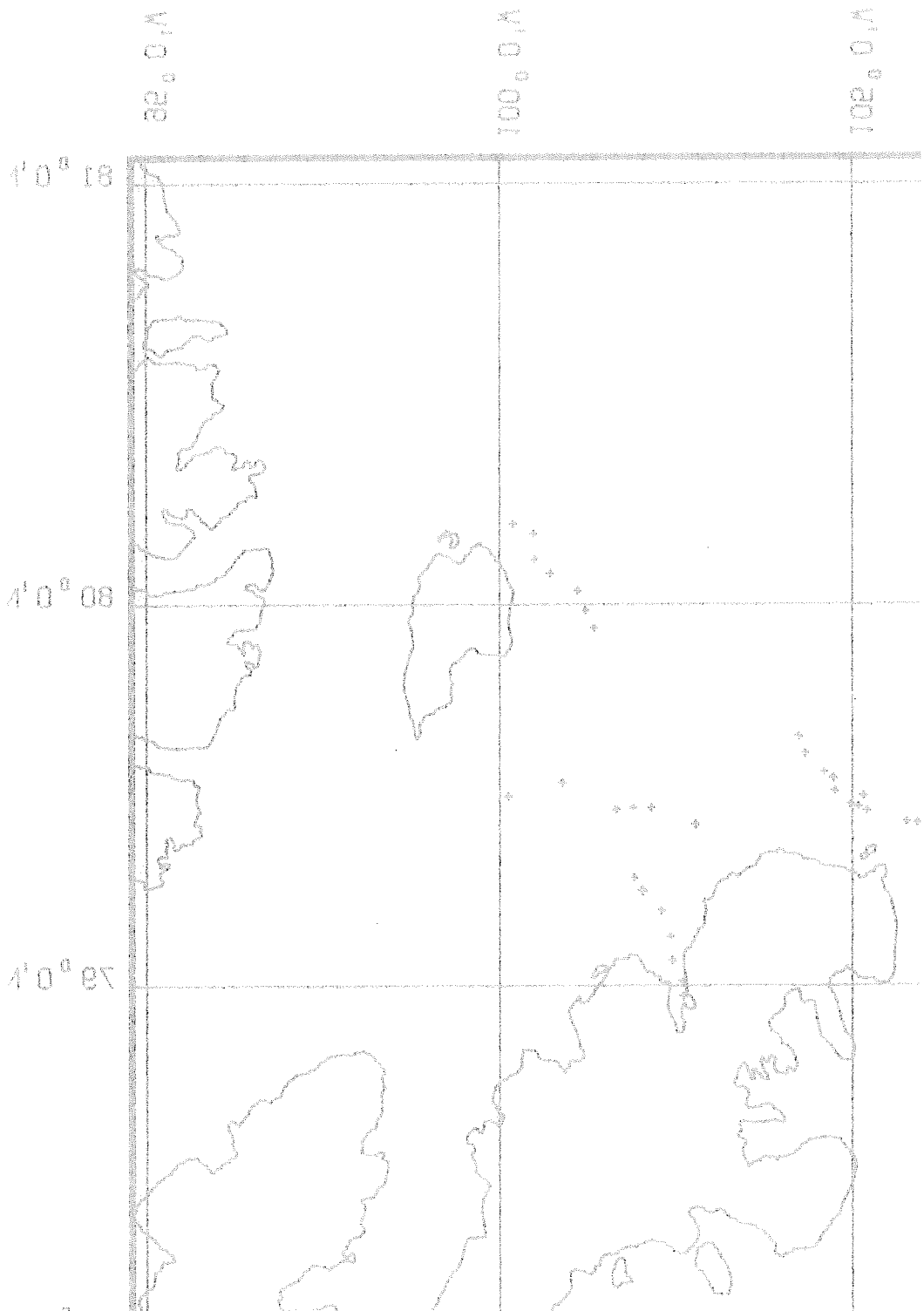
SAMPLE LOCATIONS - 89200.
1:1,650,000 (MERCATOR, 81N)

110° 0' W

105° 0' W

100° 0' W





CRUISE 89200 - SENIOR SCIENTIST P.MUDIE - ICE ISLAND

STATION	LATITUDE	LONGITUDE	GEOGRAPHIC AREA	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)
A-1	79.47166	-105.20583	N.E. ELLEF RINGNES ISLAND SHELF, PEARY CHANNEL	72.00	122	1435	GRAB	DIETZ LAFONDE	
A-1	79.47166	-105.20583	N.E. ELLEF RINGNES ISLAND SHELF, PEARY CHANNEL	72.00	122	1435	CAMERA	PENTAX	
A-1	79.47166	-105.20583	N.E. ELLEF RINGNES ISLAND SHELF, PEARY CHANNEL	72.00	123	1435	FAIL	BENTHOS GRAVITY	0.0
A-2	79.48233	-105.08433	N.E. ELLEF RINGNES ISLAND SHELF, PEARY CHANNEL	71.00	122	2020	GRAB	DIETZ LAFONDE	
A-2	79.48233	-105.08433	N.E. ELLEF RINGNES ISLAND SHELF, PEARY CHANNEL	71.00	122	2020	CAMERA	PENTAX	
A-3	79.51000	-105.15666	N.E. ELLEF RINGNES ISLAND SHELF, PEARY CHANNEL	93.00	123	1750	CAMERA	PENTAX	
A-3	79.51000	-105.15666	N.E. ELLEF RINGNES ISLAND SHELF, PEARY CHANNEL	93.00	123	1750	CORE	BENTHOS GRAVITY	46.0
A-3	79.51000	-105.15666	N.E. ELLEF RINGNES ISLAND SHELF, PEARY CHANNEL	93.00	123	1750	GRAB	DIETZ LAFONDE	
A-4	79.48883	-104.97033	N.E. ELLEF RINGNES ISLAND SHELF, PEARY CHANNEL	78.00	123	20	GRAB	DIETZ LAFONDE	
A-4	79.48883	-104.97033	N.E. ELLEF RINGNES ISLAND SHELF, PEARY CHANNEL	78.00	123	20	FAIL	BENTHOS GRAVITY	0.0
A-4	79.48883	-104.97033	N.E. ELLEF RINGNES ISLAND SHELF, PEARY CHANNEL	78.00	123	20	CAMERA	PENTAX	
A-5	79.52366	-104.75750	N.E. ELLEF RINGNES ISLAND SHELF, PEARY CHANNEL	190.00	123	930	CAMERA	PENTAX	
A-5	79.52366	-104.75750	N.E. ELLEF RINGNES ISLAND SHELF, PEARY CHANNEL	190.00	123	930	CORE	BENTHOS GRAVITY	25.0
A-5	79.52366	-104.75750	N.E. ELLEF RINGNES ISLAND SHELF, PEARY CHANNEL	190.00	123	930	GRAB	DIETZ LAFONDE	
A-6	79.55683	-104.73033	N.E. ELLEF RINGNES ISLAND SHELF, PEARY CHANNEL	255.00	123	1500	GRAB	DIETZ LAFONDE	
A-6-1	79.55683	-104.73033	N.E. ELLEF RINGNES ISLAND SHELF, PEARY CHANNEL	255.00	123	1500	CORE	BENTHOS GRAVITY	9.0
A-6-2	79.55683	-104.73033	N.E. ELLEF RINGNES ISLAND SHELF, PEARY CHANNEL	255.00	123	1500	CORE	BENTHOS GRAVITY	13.0

CRUISE 89200 - SENIOR SCIENTIST P.MUDIE - ICE ISLAND

STATION	LATITUDE	LONGITUDE	GEOGRAPHIC AREA	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)
A-7	79.57250	-104.59850	N.E. ELLEF RINGNES ISLAND SHELF, PEARY CHANNEL	354.00	124	50	GRAB	DIETZ LAFONDE	
A-7	79.57250	-104.59850	N.E. ELLEF RINGNES ISLAND SHELF, PEARY CHANNEL	354.00	124	50	CORE	BENTHOS GRAVITY	10.0
A-8	79.62150	-104.33480	N.E. ELLEF RINGNES ISLAND SHELF, PEARY CHANNEL	414.00	124	1500	GRAB	DIETZ LAFONDE	
A-8	79.62150	-104.33480	N.E. ELLEF RINGNES ISLAND SHELF, PEARY CHANNEL	414.00	124	1500	CORE	BENTHOS GRAVITY	42.0
A-8	79.62150	-104.33480	N.E. ELLEF RINGNES ISLAND SHELF, PEARY CHANNEL	414.00	124	1500	CAMERA	PENTAX	
A-9	79.66416	-104.23750	N.E. ELLEF RINGNES ISLAND SHELF, PEARY CHANNEL	418.00	124	1745	CORE	BENTHOS GRAVITY	35.0
A-9	79.66416	-104.23750	N.E. ELLEF RINGNES ISLAND SHELF, PEARY CHANNEL	418.00	124	1745	GRAB	DIETZ LAFONDE	
B-1	78.97216	-102.60016	LOUISE FJORD, N.E. ELLEF RINGNES ISLAND	199.00	124	2300	GRAB	DIETZ LAFONDE	
B-1	78.97216	-102.60016	LOUISE FJORD, N.E. ELLEF RINGNES ISLAND	199.00	124	2300	CORE	BENTHOS GRAVITY	98.0
B-1	78.97216	-102.60016	LOUISE FJORD, N.E. ELLEF RINGNES ISLAND	199.00	124	2300	CAMERA	PENTAX	
B-1	78.97216	-102.60016	LOUISE FJORD, N.E. ELLEF RINGNES ISLAND	199.00	124	2300	ICE/SNOW	AUGER	
B-2	79.01200	-102.59750	LOUISE FJORD, N.E. ELLEF RINGNES ISLAND	265.00	125	100	CAMERA	PENTAX	
B-2	79.01200	-102.59750	LOUISE FJORD, N.E. ELLEF RINGNES ISLAND	265.00	125	100	CORE	BENTHOS GRAVITY	76.0
B-2	79.01200	-102.59750	LOUISE FJORD, N.E. ELLEF RINGNES ISLAND	265.00	125	100	GRAB	DIETZ LAFONDE	
B-3	79.07016	-102.44533	LOUISE FJORD, N.E. ELLEF RINGNES ISLAND	218.00	125	1500	GRAB	DIETZ LAFONDE	
B-3	79.07016	-102.44533	LOUISE FJORD, N.E. ELLEF RINGNES ISLAND	218.00	125	1500	CORE	BENTHOS GRAVITY	13.0
B-3	79.07016	-102.44533	LOUISE FJORD, N.E. ELLEF RINGNES ISLAND	218.00	125	1500	CAMERA	PENTAX	

CRUISE 89200 - SENIOR SCIENTIST P.MUDIE - ICE ISLAND

STATION	LATITUDE	LONGITUDE	GEOGRAPHIC AREA	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)
B-4	79.13433	-102.41600	LOUISE FJORD, N.E. ELLEF RINGNES ISLAND	225.00	125	1700	CAMERA	PENTAX	
B-4	79.13433	-102.41600	LOUISE FJORD, N.E. ELLEF RINGNES ISLAND	225.00	125	1700	CORE	BENTHOS GRAVITY	60.0
B-4	79.13433	-102.41600	LOUISE FJORD, N.E. ELLEF RINGNES ISLAND	225.00	125	1700	GRAB	DIETZ LAFONDE	
B-5	79.20516	-102.28533	LOUISE FJORD, N.E. ELLEF RINGNES ISLAND	215.00	125	2200	GRAB	DIETZ LAFONDE	
B-5	79.20516	-102.28533	LOUISE FJORD, N.E. ELLEF RINGNES ISLAND	215.00	125	2200	CORE	BENTHOS GRAVITY	38.0
B-6	79.25616	-102.02665	LOUISE FJORD, N.E. ELLEF RINGNES ISLAND	287.00	126	100	GRAB	DIETZ LAFONDE	
B-6	79.25616	-102.02665	LOUISE FJORD, N.E. ELLEF RINGNES ISLAND	287.00	126	100	CORE	BENTHOS GRAVITY	30.0
B-6	79.25616	-102.02665	LOUISE FJORD, N.E. ELLEF RINGNES ISLAND	287.00	126	100	CAMERA	PENTAX	
B-7	79.29483	-101.90366	WESTERN BASIN, PEARY CHANNEL	632.00	126	1500	GRAB	DIETZ LAFONDE	
B-7	79.29483	-101.90366	WESTERN BASIN, PEARY CHANNEL	632.00	126	1500	CORE	BENTHOS GRAVITY	49.0
B-8	79.26116	-102.01990	WESTERN BASIN, PEARY CHANNEL	340.00	126	1700	GRAB	DIETZ LAFONDE	
B-8	79.26116	-102.01990	WESTERN BASIN, PEARY CHANNEL	340.00	126	1700	CORE	BENTHOS GRAVITY	59.0
B-8	79.26116	-102.01990	WESTERN BASIN, PEARY CHANNEL	340.00	126	1700	CAMERA	PENTAX	
C-1	79.47966	-102.14650	WESTERN BASIN, PEARY CHANNEL	425.00	126	2000	GRAB	DIETZ LAFONDE	
C-1	79.47966	-102.14650	WESTERN BASIN, PEARY CHANNEL	425.00	126	2000	CORE	BENTHOS GRAVITY	56.0
C-1	79.47966	-102.14650	WESTERN BASIN, PEARY CHANNEL	425.00	126	2000	CAMERA	PENTAX	
C-2	79.47900	-101.89183	MEDIAN RIDGE, PEARY CHANNEL	377.00	129	2000	GRAB	DIETZ LAFONDE	
C-2	79.47900	-101.89183	MEDIAN RIDGE, PEARY CHANNEL	377.00	129	2000	CORE	BENTHOS GRAVITY	50.0
C-3	79.47500	-101.65083	MEDIAN RIDGE, PEARY CHANNEL	365.00	129	2200	GRAB	DIETZ LAFONDE	
C-3	79.47500	-101.65083	MEDIAN RIDGE, PEARY CHANNEL	365.00	129	2200	CORE	BENTHOS GRAVITY	38.0
C-4	79.54400	-100.89216	EASTERN BASIN, PEARY CHANNEL	500.00	126	2300	GRAB	DIETZ LAFONDE	
C-4	79.54400	-100.89216	EASTERN BASIN, PEARY CHANNEL	500.00	126	2300	CORE	BENTHOS GRAVITY	16.0

CRUISE 89200 - SENIOR SCIENTIST P.MUDIE - ICE ISLAND

STATION	LATITUDE	LONGITUDE	GEOGRAPHIC AREA	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)
C-4	79.54400	-100.89216	EASTERN BASIN, PEARY CHANNEL		126	2300	LAND	TROWEL	
C-6	79.50983	-100.12033	EASTERN BASIN, PEARY CHANNEL	585.00	127	1500	CORE	BENTHOS GRAVITY	90.0
C-6	79.50983	-100.12033	EASTERN BASIN, PEARY CHANNEL	585.00	127	1500	GRAB	DIETZ LAFONDE	
D-1	79.94166	-101.33833	N.W. MEIGHAN ISLAND SHELF, PEARY CHANNEL	485.00	128	2000	GRAB	DIETZ LAFONDE	
D-1	79.94166	-101.33833	N.W. MEIGHAN ISLAND SHELF, PEARY CHANNEL	485.00	128	2000	CORE	BENTHOS GRAVITY	67.0
D-2	79.98500	-101.21500	N.W. MEIGHAN ISLAND SHELF, PEARY CHANNEL	450.00	128	1800	GRAB	DIETZ LAFONDE	
D-2	79.98500	-101.21500	N.W. MEIGHAN ISLAND SHELF, PEARY CHANNEL	450.00	128	1800	CORE	BENTHOS GRAVITY	26.0
D-3	80.03566	-101.11283	N.W. MEIGHAN ISLAND SHELF, PEARY CHANNEL	260.00	128	1730	GRAB	DIETZ LAFONDE	
D-3	80.03566	-101.11283	N.W. MEIGHAN ISLAND SHELF, PEARY CHANNEL	260.00	128	1730	CORE	BENTHOS GRAVITY	45.0
D-4	80.07833	-100.72083	N.W. MEIGHAN ISLAND SHELF, PEARY CHANNEL	198.00	129	1800	GRAB	DIETZ LAFONDE	
D-4	80.07833	-100.72083	N.W. MEIGHAN ISLAND SHELF, PEARY CHANNEL	198.00	129	1800	CORE	BENTHOS GRAVITY	37.0
D-5	80.11333	-100.49283	N.W. MEIGHAN ISLAND SHELF, PEARY CHANNEL	100.00	129	1700	GRAB	DIETZ LAFONDE	
D-6	80.17500	-100.48466	N.W. MEIGHAN ISLAND SHELF, PEARY CHANNEL	68.00	129	1500	GRAB	DIETZ LAFONDE	
D-7	80.20083	-100.18850	N.W. MEIGHAN ISLAND SHELF, PEARY CHANNEL	67.00	128	1400	GRAB	DIETZ LAFONDE	
E-1	79.44283	-105.77350	N.W. ELLEF RINGNES ISLAND SHELF	80.00	130	1500	GRAB	DIETZ LAFONDE	
E-1	79.44283	-105.77350	N.W. ELLEF RINGNES ISLAND SHELF	80.00	130	1500	CAMERA	PENTAX	
E-2	79.43983	-105.91866	N.W. ELLEF RINGNES ISLAND SHELF	114.00	130	1630	GRAB	DIETZ LAFONDE	
E-2	79.43983	-105.91866	N.W. ELLEF RINGNES ISLAND SHELF	114.00	130	1630	CAMERA	PENTAX	
E-3	79.44666	-106.14166	N.W. ELLEF RINGNES ISLAND SHELF	168.00	130	1800	GRAB	DIETZ LAFONDE	
E-3	79.44666	-106.14166	N.W. ELLEF RINGNES ISLAND SHELF	168.00	130	1800	FAIL	BENTHOS GRAVITY	

CRUISE 89200 - SENIOR SCIENTIST P.MUDIE - ICE ISLAND

STATION	LATITUDE	LONGITUDE	GEOGRAPHIC AREA	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)
E-3	79.44666	-106.14166	N.W. ELLEF RINGNES ISLAND SHELF	168.00	130	1800	CAMERA	PENTAX	
E-4	79.44333	-106.60333	N.W. ELLEF RINGNES ISLAND SHELF	315.00	130	2000	GRAB	DIETZ LAFONDE	
E-4	79.44333	-106.60333	N.W. ELLEF RINGNES ISLAND SHELF	315.00	130	2000	CORE	BENTHOS GRAVITY	30.0
E-4	79.44333	-106.60333	N.W. ELLEF RINGNES ISLAND SHELF	315.00	130	2000	CAMERA	PENTAX	
E-5	79.42550	-107.25483	N.W. ELLEF RINGNES ISLAND SHELF	453.00	130	2330	CORE	BENTHOS GRAVITY	71.0
E-5	79.42550	-107.25483	N.W. ELLEF RINGNES ISLAND SHELF	453.00	130	2330	GRAB	DIETZ LAFONDE	
F-1	79.43566	-102.77166	WESTERN BASIN, PEARY CHANNEL	502.00	131	1400	GRAB	VAN VEEN	
F-2	79.43566	-102.77166	WESTERN BASIN, PEARY CHANNEL	499.00	131	2030	CORE	BENTHOS GRAVITY	94.0
F-3	79.43566	-102.77166	WESTERN BASIN, PEARY CHANNEL	499.00	132	200	CORE	BENTHOS PISTON	240.0
F-4	79.43566	-102.77166	WESTERN BASIN, PEARY CHANNEL	499.00	132	1530	CORE	BENTHOS PISTON	102.0
F-5	79.43566	-102.77166	WESTERN BASIN, PEARY CHANNEL	499.00	132	2000	CORE	BENTHOS PISTON	217.0
F-6	79.43566	-102.77166	WESTERN BASIN, PEARY CHANNEL	499.00	131	1800	CAMERA	PENTAX	
F-7	79.43566	-102.77166	WESTERN BASIN, PEARY CHANNEL	499.00	133	1400	CORE	BENTHOS PISTON	206.0
F-8	79.43566	-102.77166	WESTERN BASIN, PEARY CHANNEL	499.00	132	2300	CAMERA	PENTAX	
F-9	79.43566	-102.77166	WESTERN BASIN, PEARY CHANNEL	499.00	133	1930	CORE	BOX	
F-10	79.43566	-102.77166	WESTERN BASIN, PEARY CHANNEL	499.00	177	1600	CORE	BENTHOS GRAVITY	

SAMPLE LOCATIONS - 89302.
1:500,000 (MERCATOR, 45N)

63°30'W

63°15'W

63° 0'W

62°45'W

62°30'W

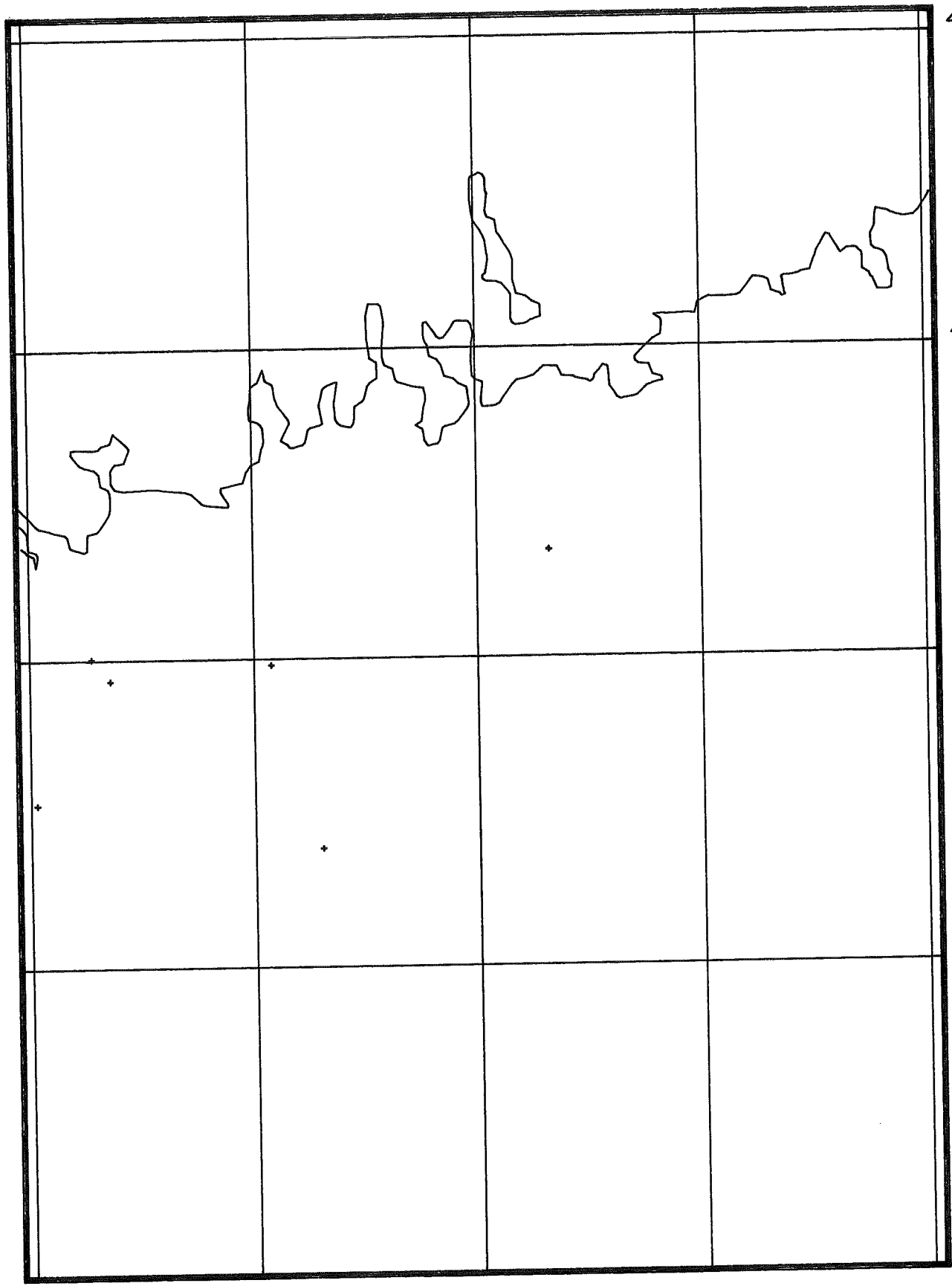
45° 0'N

44 45'N

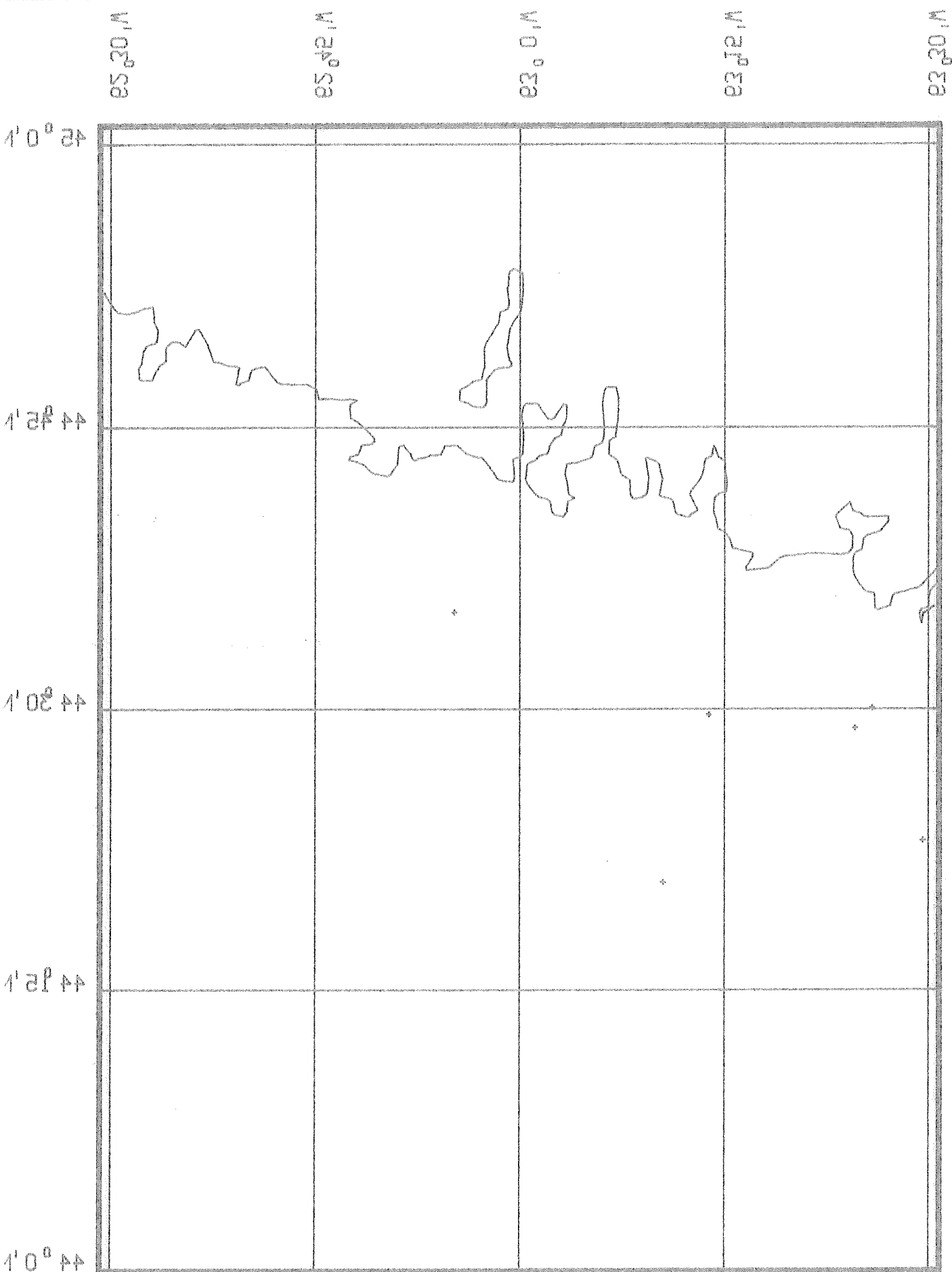
44 30'N

44 15'N

44° 0'N



1:500,000 (MERCATOR, 45N)
SAMPLE LOCATIONS - 89305.



CRUISE 89302 - SENIOR SCIENTIST D.FORBES - VESSEL HMCS CORMORANT

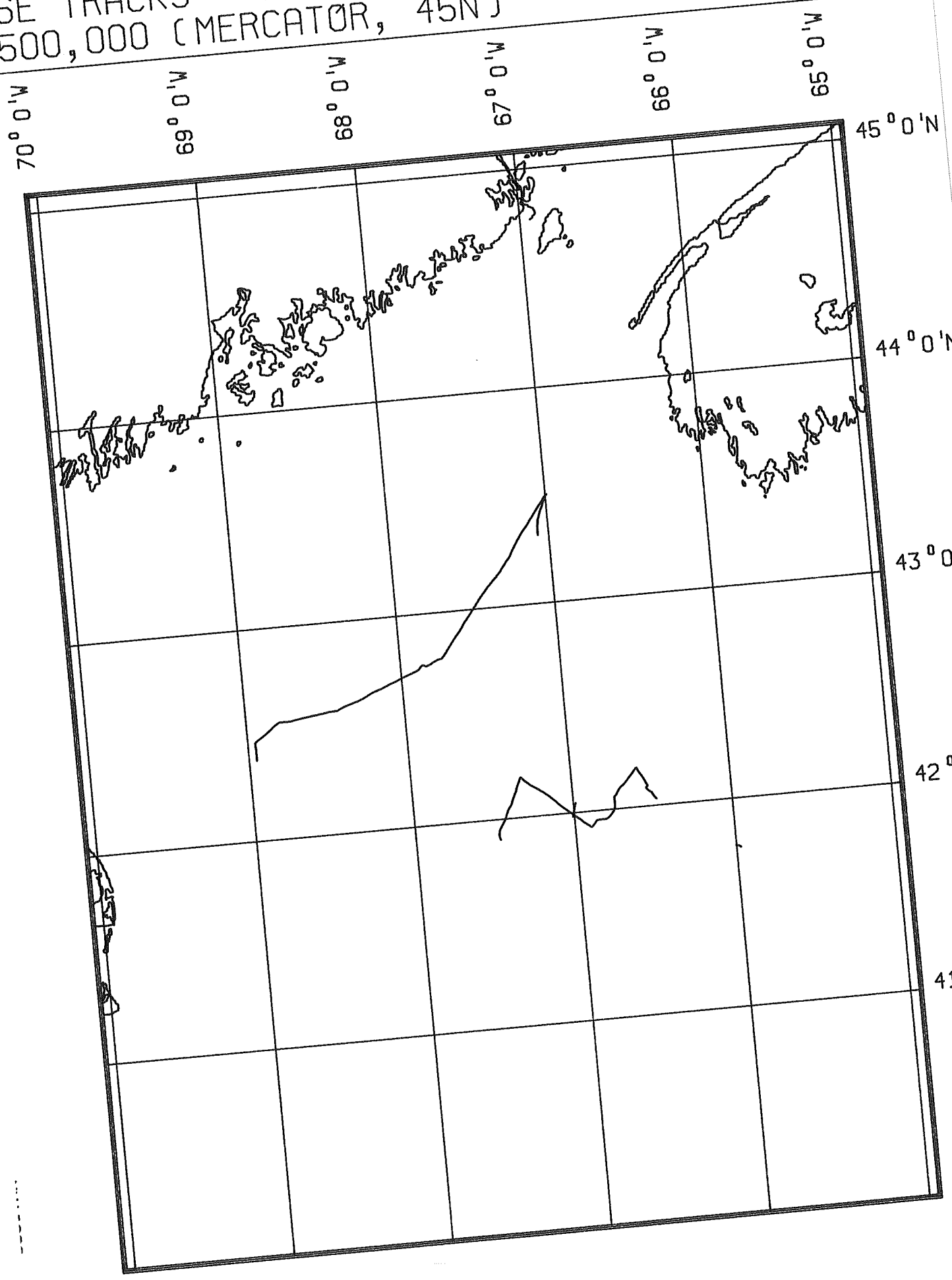
STATION	LATITUDE	LONGITUDE	GEOGRAPHIC AREA	DEPTH(M)	DAY	TIME	SAMPLE	TYPE	LENGTH(CM)
001	44.38333	-63.49333	OUTER EDGE OF INNER SHELF OFF HALIFAX	102.10	110	1610	GRAB	SCOOP	
002	44.34666	-63.17500	INNER SHELF OFF HALIFAX	139.60	110	2040	GRAB	SCOOP	
003	44.49500	-63.23166	INNER SHELF OFF HALIFAX	62.48	111	1355	GRAB	SCOOP	
004	44.49500	-63.23166	INNER SHELF OFF HALIFAX	62.48	111	1405	GRAB	SCOOP	
005	44.50166	-63.43166	INNER SHELF OFF HALIFAX	51.82	117	1405	GRAB	SCOOP	
006	44.58666	-62.92000	INNER SHELF OFF HALIFAX	65.53	117	2100	GRAB	SCOOP	
007	44.58666	-62.92000	INNER SHELF OFF HALIFAX	67.06	117	2125	GRAB	SCOOP	
008	44.48333	-63.41000	INNER SHELF OFF HALIFAX	62.48	118	1320	GRAB	SCOOP	

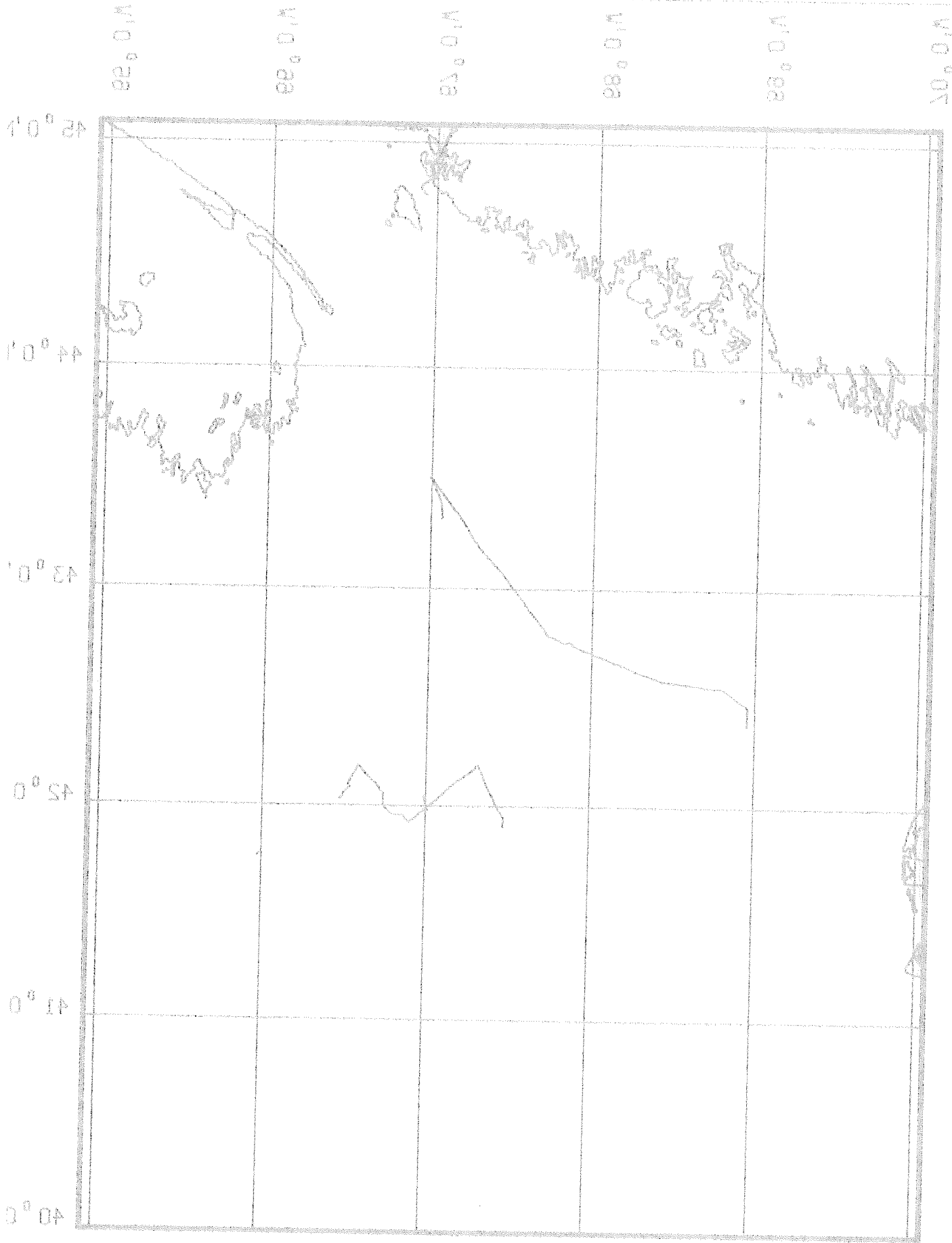
APPENDIX III - RECORDS

Cruises	Geographic Area
89001	Gulf of Maine, Georges' Bank, Scotian Shelf
89006	N.E. Grand Banks, Newfoundland
89007	Gulf of St. Lawrence, Anticosti Channel
89008	Phase I - Gulf of St. Lawrence Phase II - Off Country Harbour Emerald Basin Area
89009	Phase A - Halifax Harbour, N.S. Phase B - Pubnico, N.S. Phase C - Scotts Bay, N.S.
89014	Lake Melville
89026	Long Harbour, Mortier Bay (Marystown), Little St. Lawrence Harbour, Great St. Lawrence Harbour, Newfoundland
89031	Scotian Shelf
89038	Bermuda Rise, Baltimore Canyon
89039	Sable Island Bank
89302	Inner Shelf Off Halifax, N.S.

CRUISES	KILOMETERS	NAUTICAL MILES
89001	394.6	213.1
89006	2207.8	1192.1
89007	2237.6	1208.2
89008	5576.2	3010.9
89009	906.1	489.3
89014	420.9	227.3
89026	407.9	220.3
89031	10012.7	5406.4
89038	2442.7	1318.9
89039	498.3	269.1
89302	2.3	1.5

RUISE TRACKS - 89001.
: 2,500,000 (MERCATOR, 45N)





LOG BOOK INVENTORY 89-001

DAY	TYPE
095-098	Bathymetry
095-098	General
095-096	Seismics
095-098	Sidescan

89-001

RECORD #	START DAY/TIME	STOP DAY/TIME	TYPE
001	095/0954	098/1912	SATNAV
002	095/	098/	LORAN C

BATHYMETRY RECORD INVENTORY 89-001

ROLL #	START DAY/TIME	STOP DAY/TIME	LINE #	GEOGRAPHIC AREA	FREQUENCY	RECORDER
001	095/1000	096/1635	Camera-NSPC	Gulf of Maine	12 kHz	UGR
002	096/1645	098/1440	NSPC-Georges Bank	Gulf of Maine - Georges Bank	12 kHz	UGR

SEISMIC RECORD INVENTORY 89-001

RECORD #	START DAY/TIME	STOP DAY/TIME	LINE #	GEOGRAPHIC AREA	RECORDER	SIDESCAN SYSTEM
001	095/1008	095/1140	Camera Site	Gulf of Maine	Klein 531T	100 kHz Klein
002	095/2035	096/0035	NSPC	Gulf of Maine	Klein 531T	100 kHz Klein
003	096/0035	096/0535	NSPC	Gulf of Maine	Klein 531T	100 kHz Klein
004	096/0537	096/1325	NSPC	Gulf of Maine	Klein 531T	100 kHz Klein
005	096/1325	096/2101	NSPC	Gulf of Maine	Klein 531T	100 kHz Klein
006	096/2113	097/0134	NSPC	Gulf of Maine	Klein 531T	100 kHz Klein
007	097/2314	098/0420	Georges Bank	Georges Bank	Klein 531T	100 kHz Klein
008	098/0422	098/0955	Georges Bank	Georges Bank	Klein 531T	100 kHz Klein
009	098/1003	098/1323	Georges Bank	Georges Bank	Klein 531T	100 kHz Klein
010	098/1329	098/1450	Georges Bank	Georges Bank	Klein 531T	100 kHz Klein
011	098/1720	098/1735	Georges Bank	Georges Bank	Klein 531T	100 kHz Klein
001	095/2130	095/2245	NSRFC Eel	Gulf of Maine	LSR	Airgun
002	095/2250	097/0134	NSRFC Eel	Gulf of Maine	LSR	Airgun
003	097/2320	098/1447	NSRFC Eel	Georges Bank	LSR	Airgun
001	096/0750	096/1850	NSRFC Eel	Gulf of Maine	EPC 4800	Airgun
002	096/1852	097/0135	NSRFC Eel	Gulf of Maine	EPC 4800	Airgun
003	097/2315	098/0332	NSRFC Eel	Georges Bank	EPC 4800	Airgun
004	098/0335	098/1447	NSRFC Eel	Georges Bank	EPC 4800	Airgun
001	096/1510	097/0134	NSRFC Eel	Gulf of Maine	EPC 8700	Airgun
002	097/2320	098/1447	NSRFC Eel	Georges Bank	EPC 8700	Airgun

SEISMIC TAPES 89-001

TAPE #	START DAY/TIME	STOP DAY/TIME	LINE #	GEOGRAPHIC AREA	CHANNEL INFO	SYSTEM/SOUND SOURCE
001	095/2136	096/0028	NSPC	Gulf of Maine	1-(DR) Seismic Dat 2-(FM) Seismic Trig. 3-(DR) Seismic Data 4-(DR) Hunttec Data 5-(DR) Hunttec Trig/S 6-(DR) Hunttec Data 7-(FM) Klein Left 8-(DR) Klein Ref. 9-(FM) Klein Right	AGC VHS Data Tape
002	096/0029	096/0323	NSPC	Gulf of Maine	1-(DR) Seismic Dat 2-(FM) Seismic Trig. 3-(DR) Seismic Data 4-(DR) Hunttec Data 5-(DR) Hunttec Trig/S 6-(DR) Hunttec Data 7-(FM) Klein Left 8-(DR) Klein Ref. 9-(FM) Klein Right	AGC VHS Data Tape
003	096/0323	096/0616	NSPC	Gulf of Maine	1-(DR) Seismic Dat 2-(FM) Seismic Trig. 3-(DR) Seismic Data 4-(DR) Hunttec Data 5-(DR) Hunttec Trig/S 6-(DR) Hunttec Data 7-(FM) Klein Left 8-(DR) Klein Ref. 9-(FM) Klein Right	AGC VHS Data Tape
004	096/0616	096/0930	NSPC	Gulf of Maine	1-(DR) Seismic Dat 2-(FM) Seismic Trig. 3-(DR) Seismic Data 4-(DR) Hunttec Data 5-(DR) Hunttec Trig/S 6-(DR) Hunttec Data 7-(FM) Klein Left 8-(DR) Klein Ref. 9-(FM) Klein Right	AGC VHS Data Tape
005	096/0930	096/1210	NSPC	Gulf of Maine	1-(DR) Seismic Dat 2-(FM) Seismic Trig. 3-(DR) Seismic Data 4-(DR) Hunttec Data 5-(DR) Hunttec Trig/S 6-(DR) Hunttec Data 7-(FM) Klein Left 8-(DR) Klein Ref. 9-(FM) Klein Right	AGC VHS Data Tape

SEISMIC TAPES 89-001 (Continued)

TAPE #	START DAY/TIME	STOP DAY/TIME	LINE #	GEOGRAPHIC AREA	CHANNEL INFO	SYSTEM/SOUND SOURCE
006	096/1210	096/1515	NSPC	Gulf of Maine	1-(DR) Seismic Dat 2-(FM) Seismic Trig. 3-(DR) Seismic Data 4-(DR) Hunttec Data 5-(DR) Hunttec Trig/S 6-(DR) Hunttec Data 7-(FM) Klein Left 8-(DR) Klein Ref. 9-(FM) Klein Right	AGC VHS Data Tape
007	096/1515	096/1809	NSPC	Gulf of Maine	1-(DR) Seismic Dat 2-(FM) Seismic Trig. 3-(DR) Seismic Data 4-(DR) Hunttec Data 5-(DR) Hunttec Trig/S 6-(DR) Hunttec Data 7-(FM) Klein Left 8-(DR) Klein Ref. 9-(FM) Klein Right	AGC VHS Data Tape
008	096/1809	096/2100	NSPC	Gulf of Maine	1-(DR) Seismic Dat 2-(FM) Seismic Trig. 3-(DR) Seismic Data 4-(DR) Hunttec Data 5-(DR) Hunttec Trig/S 6-(DR) Hunttec Data 7-(FM) Klein Left 8-(DR) Klein Ref. 9-(FM) Klein Right	AGC VHS Data Tape
009	096/2100	096/2354	NSPC	Gulf of Maine	1-(DR) Seismic Dat 2-(FM) Seismic Trig. 3-(DR) Seismic Data 4-(DR) Hunttec Data 5-(DR) Hunttec Trig/S 6-(DR) Hunttec Data 7-(FM) Klein Left 8-(DR) Klein Ref. 9-(FM) Klein Right	AGC VHS Data Tape
010	096/2354	097/0135	NSPC	Gulf of Maine	1-(DR) Seismic Dat 2-(FM) Seismic Trig. 3-(DR) Seismic Data 4-(DR) Hunttec Data 5-(DR) Hunttec Trig/S 6-(DR) Hunttec Data 7-(FM) Klein Left 8-(DR) Klein Ref. 9-(FM) Klein Right	AGC VHS Data Tape

SEISMIC TAPES 89-001 (Continued)

TAPE #	START DAY/TIME	STOP DAY/TIME	LINE #	GEOGRAPHIC AREA	CHANNEL INFO	SYSTEM/SOUND SOURCE
011	096/0031	098/0325	Georges Bank	Gulf of Maine	1-(DR) Seismic Dat 2-(FM) Seismic Trig. 3-(DR) Seismic Data 4-(DR) Hunttec Data 5-(DR) Hunttec Trig/S 6-(DR) Hunttec Data 7-(FM) Klein Left 8-(DR) Klein Ref. 9-(FM) Klein Right	AGC VHS Data Tape
012	098/0325	098/0623	Georges Bank	Gulf of Maine	1-(DR) Seismic Dat 2-(FM) Seismic Trig. 3-(DR) Seismic Data 4-(DR) Hunttec Data 5-(DR) Hunttec Trig/S 6-(DR) Hunttec Data 7-(FM) Klein Left 8-(DR) Klein Ref. 9-(FM) Klein Right	AGC VHS Data Tape
013	098/0627	098/0919	Georges Bank	Gulf of Maine	1-(DR) Seismic Dat 2-(FM) Seismic Trig. 3-(DR) Seismic Data 4-(DR) Hunttec Data 5-(DR) Hunttec Trig/S 6-(DR) Hunttec Data 7-(FM) Klein Left 8-(DR) Klein Ref. 9-(FM) Klein Right	AGC VHS Data Tape
014	098/0919	098/1212	Georges Bank	Gulf of Maine	1-(DR) Seismic Dat 2-(FM) Seismic Trig. 3-(DR) Seismic Data 4-(DR) Hunttec Data 5-(DR) Hunttec Trig/S 6-(DR) Hunttec Data 7-(FM) Klein Left 8-(DR) Klein Ref. 9-(FM) Klein Right	AGC VHS Data Tape
015	098/1212	098/1444	Georges Bank	Gulf of Maine	1-(DR) Seismic Dat 2-(FM) Seismic Trig. 3-(DR) Seismic Data 4-(DR) Hunttec Data 5-(DR) Hunttec Trig/S 6-(DR) Hunttec Data 7-(FM) Klein Left 8-(DR) Klein Ref. 9-(FM) Klein Right	AGC VHS Data Tape

HUNTEC RECORDS 89-001

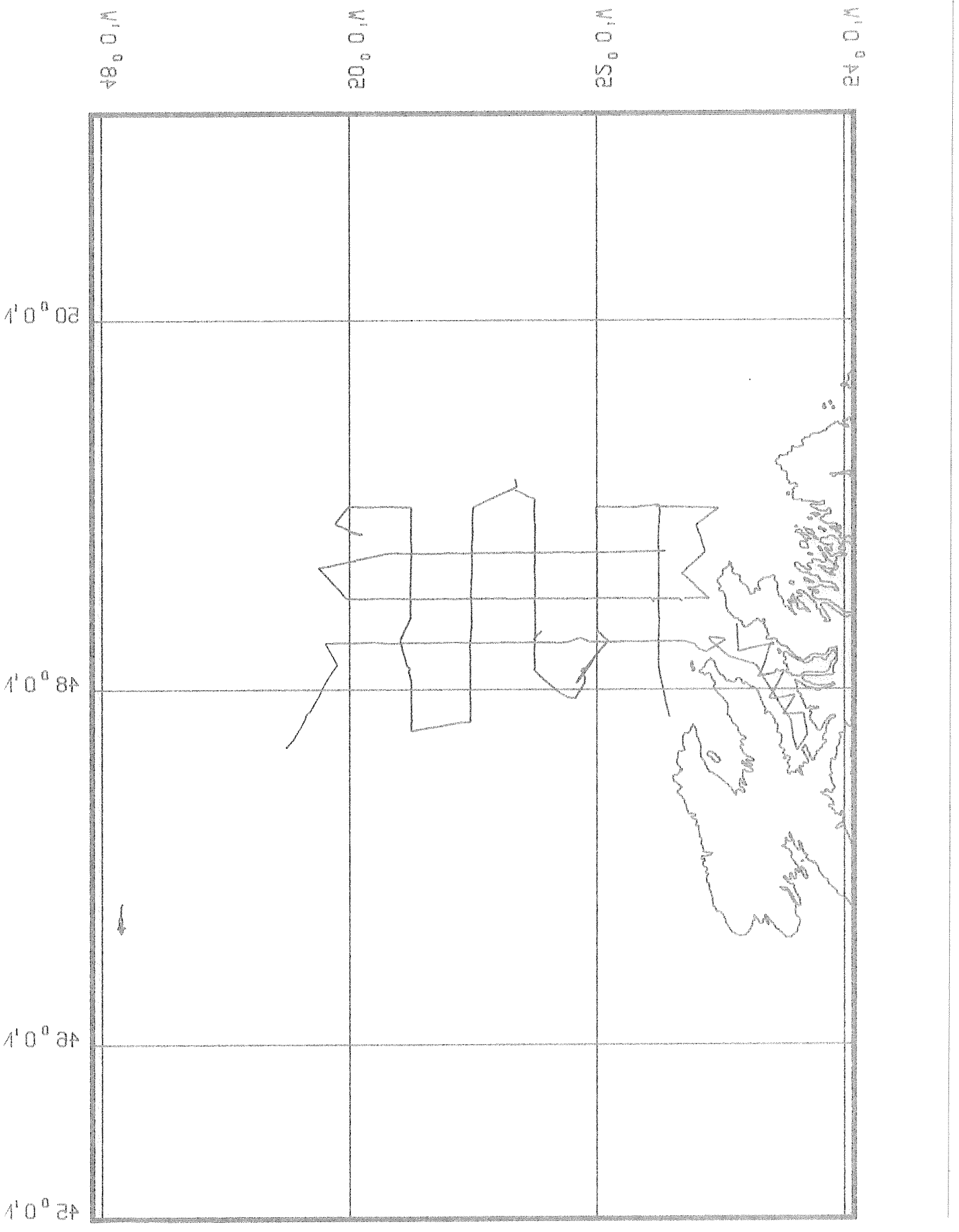
ROLL #	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE #	GEOGRAPHIC AREA	RECORDER	HUNTEC SYSTEM
001	095/2023	096/1001	Internal	NSPC	Gulf of Maine	EPC 4100	AGC System 2
002	096/1003	097/0134	Internal	NSPC	Gulf of Maine	EPC 4100	AGC System 2
003	097/2320	098/1411	Internal	Georges Bank	Georges Bank	EPC 4100	AGC System 2
004	098/1414	098/1444	Internal	Georges Bank	Georges Bank	EPC 4100	AGC System 2
001	095/2020	096/0555	External	NSPC	Gulf of Maine	EPC 4100	AGC System 2
002	096/0557	096/1840	External	NSPC	Gulf of Maine	EPC 4100	AGC System 2
003	096/1845	097/0134	External	NSPC	Gulf of Maine	EPC 4100	AGC System 2
004	097/2320	098/0432	External	Georges Bank	Georges Bank	EPC 4100	AGC System 2
005	098/0435	098/1444	External	Georges Bank	Georges Bank	EPC 4100	AGC System 2

HUNTEC TAPES 89-001

TAPE #	START DAY/TIME	STOP DAY/TIME	LINE #	GEOGRAPHIC AREA	CHANNEL INFO	HUNTEC SYSTEM
001	095/2020	095/2219	NSPC	Gulf of Maine	1-Internal 2-Trig/Sync 3-External 4-Voice	AGC System 2
002	095/2310	096/0237	NSPC	Gulf of Maine	1-Internal 2-Trig/Sync 3-External 4-Voice	AGC System 2
003	096/0240	096/0551	NSPC	Gulf of Maine	1-Internal 2-Trig/Sync 3-External 4-Voice	AGC System 2
004	096/0554	096/0905	NSPC	Gulf of Maine	1-Internal 2-Trig/Sync 3-External 4-Voice	AGC System 2
005	096/0908	096/1216	NSPC	Gulf of Maine	1-Internal 2-Trig/Sync 3-External 4-Voice	AGC System 2
006	096/1218	096/1531	NSPC	Gulf of Maine	1-Internal 2-Trig/Sync 3-External 4-Voice	AGC System 2
007	096/1533	096/1845	NSPC	Gulf of Maine	1-Internal 2-Trig/Sync 3-External 4-Voice	AGC System 2
008	096/1850	096/2200	NSPC	Gulf of Maine	1-Internal 2-Trig/Sync 3-External 4-Voice	AGC System 2
009	096/2202	097/0112	NSPC	Gulf of Maine	1-Internal 2-Trig/Sync 3-External 4-Voice	AGC System 2
010	097/0115	098/0212	NSPC	Gulf of Maine	1-Internal 2-Trig/Sync 3-External 4-Voice	AGC System 2

HUNTEC TAPES 89-001 (Continued)

TAPE #	START DAY/ TIME	STOP DAY/ TIME	LINE #	GEOGRAPHIC AREA	CHANNEL INFO	HUNTEC SYSTEM
011	098/0214	098/0528	Georges Bank	Georges Bank	1-Internal 2-Trig/Sync 3-External 4-Voice	AGC System 2
012	098/0530	098/0842	Georges Bank	Georges Bank	1-Internal 2-Trig/Sync 3-External 4-Voice	AGC System 2
013	098/0843	098/1153	Georges Bank	Georges Bank	1-Internal 2-Trig/Sync 3-External 4-Voice	AGC System 2
014	098/1155	098/1444	Georges Bank	Georges Bank	1-Internal 2-Trig/Sync 3-External 4-Voice	AGC System 2



LOG BOOK INVENTORY 89-006

DAY	TYPE
124-136	General Log
124-136	Seismic
124-136	Sidescan
124-136	Bathymetry
124-136	Bridge

BATHYMETRY RECORD INVENTORY 89-006

ROLL #	START DAY/TIME	STOP DAY/TIME	FREQUENCY	GEOGRAPHIC AREA	RECORDER	NOTES
1	124/1610	124/1700	12 kHz	N.E. Grand Banks, Newfoundland	UGR	
2	124/1705	126/1250	12 kHz	N.E. Grand Banks, Newfoundland	UGR	
3	126/1305	128/2130	12 kHz	N.E. Grand Banks, Newfoundland	UGR	Stations 2, 3
4	128/2250	130/0850	12 kHz	N.E. Grand Banks, Newfoundland	UGR	Pit Survey
5	130/2113	131/0850	12 kHz	N.E. Grand Banks, Newfoundland	UGR	
6	131/0905	133/1140	12 kHz	N.E. Grand Banks, Newfoundland	UGR	
7	133/1213	135/1800	12 kHz	N.E. Grand Banks, Newfoundland	UGR	Station 12

SEISMIC RECORD INVENTORY 89-006

ROLL #	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE #	RECORD TYPE	GEOGRAPHIC AREA	RECORDER	SYSTEM/SOUND SOURCE
1	124/1618	125/0610	NSRF 100'	1	Single	N.E. Grand Banks, Newfoundland	EPC 4603	AGC System Airgun 10 cu in
1	124/1632	125/0610		1	Combined	N.E. Grand Banks, Newfoundland	EPC 4800	AGC System
1					Single	N.E. Grand Banks, Newfoundland	EPC 8700	AGC System
2	125/0610	125/2050	NSRF 100'	2,3	Single	N.E. Grand Banks, Newfoundland	EPC 4603	AGC System Airgun 10 cu in
2	125/0610	125/0950		1,2	Combined	N.E. Grand Banks, Newfoundland	EPC 4800	AGC System
2					Single	N.E. Grand Banks, Newfoundland	EPC 8700	AGC System
3	125/2320	126/1835	NSRF 100'		Single	N.E. Grand Banks, Newfoundland	EPC 4603	AGC System Airgun 10 cu in
3	125/1010	125/2050		3	Combined	N.E. Grand Banks, Newfoundland	EPC 4800	AGC System
3					Single	N.E. Grand Banks, Newfoundland	EPC 8700	AGC System
4	126/2205	127/0420			Single	N.E. Grand Banks, Newfoundland	EPC 4603	AGC System Airgun 10 cu in
4	125/2350	126/0855			Combined	N.E. Grand Banks, Newfoundland	EPC 4800	AGC System
4					Single	N.E. Grand Banks, Newfoundland	EPC 8700	AGC System
5	127/0425	127/1605	NSRF 100'		Single	N.E. Grand Banks, Newfoundland	EPC 4603	AGC System Airgun 10 cu in
5	126/0857	126/1835		Stn 2	Combined	N.E. Grand Banks, Newfoundland	EPC 4800	AGC System
5						N.E. Grand Banks, Newfoundland	EPC 8700	AGC System
6	127/1250	128/0950	NSRF 100'		Single	N.E. Grand Banks, Newfoundland	EPC 4603	AGC System Airgun 10 cu in
6	126/2215	127/0535			Combined	N.E. Grand Banks, Newfoundland	EPC 4800	AGC System

SEISMIC RECORD INVENTORY 89-006 (Continued)

ROLL #	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE #	RECORD TYPE	GEOGRAPHIC AREA	RECORDER	SYSTEM/SOUND SOURCE
7	128/0955	128/2120	NSRF 100'		Single	N.E. Grand Banks, Newfoundland	EPC 4603	AGC System Airgun 10 cu in
7	127/0545	127/1605			Combined	N.E. Grand Banks, Newfoundland	EPC 4800	AGC System
8	129/1205	130/1530	NSRF 100'		Single	N.E. Grand Banks, Newfoundland	EPC 4603	AGC System Airgun 10 cu in
8	127/1610	127/2045			Combined	N.E. Grand Banks, Newfoundland	EPC 4800	AGC System
9	130/1535	131/2300	NSRF 100'		Single	N.E. Grand Banks, Newfoundland	EPC 4603	AGC System Airgun 10 cu in
9	127/2340	128/0050			Combined	N.E. Grand Banks, Newfoundland	EPC 4800	AGC System
10	131/2305	133/1135	NSRF 100'		Single	N.E. Grand Banks, Newfoundland	EPC 4603	AGC System Airgun 10 cu in
10	128/0055	128/1405			Combined	N.E. Grand Banks, Newfoundland	EPC 4800	AGC System
11	133/2220	135/1240	NSRF 100'		Single	N.E. Grand Banks, Newfoundland	EPC 4603	AGC System Airgun 10 cu in
11	133/2220	135/1240	NSRF 100'		Single	N.E. Grand Banks, Newfoundland	EPC 4603	AGC System Airgun 10 cu in
11	128/1410	128/2105			Combined	N.E. Grand Banks, Newfoundland	EPC 4800	AGC System
12	135/1245	136/1145	NSRF 100'		Single	N.E. Grand Banks, Newfoundland	EPC 4603	AGC System Airgun 10 cu in

SIDESCAN RECORD INVENTORY 89-006

ROLL #	START DAY/TIME	STOP DAY/TIME	LINE #	RECORD TYPE	GEOGRAPHIC AREA	RECORDER	SIDESCAN SYSTEM
1	124/1614	125/0245	1	Single	N.E. Grand Banks, Newfoundland	Klein 521	BIO System
1	125/2316	126/0515		Single	N.E. Grand Banks, Newfoundland	Klein 531T	Klein System
1	124/1632	125/0610	1	Combined	N.E. Grand Banks, Newfoundland	EPC 4800	BIO System
2	125/0250	125/0905	1,2	Single	N.E. Grand Banks, Newfoundland	Klein 521	BIO System
2	126/0515	126/1335		Single	N.E. Grand Banks, Newfoundland	Klein 5311	Klein System
2	125/0612	125/0950	1,2	Combined	N.E. Grand Banks, Newfoundland	EPC 4800	BIO System
3	125/1325	125/2050	2,3	Single	N.E. Grand Banks, Newfoundland	Klein 521	BIO System
3	127/1140	127/1445		Single	N.E. Grand Banks, Newfoundland	Klein 5311	Klein System
3	125/1010	125/2050	3	Combined	N.E. Grand Banks, Newfoundland	EPC 4800	BIO System
4	125/2310	126/1445		Single	N.E. Grand Banks, Newfoundland	Klein 521	BIO System
4	127/1450	127/1740		Single	N.E. Grand Banks, Newfoundland	Klein 5311	Klein System
4	125/2350	126/0855		Combined	N.E. Grand Banks, Newfoundland	EPC 4800	BIO System
5	126/1455	126/1840		Single	N.E. Grand Banks, Newfoundland	Klein 521	BIO System
5	127/1740	127/1840		Single	N.E. Grand Banks, Newfoundland	Klein 5311	Klein System
5	126/0857	126/1835		Combined	N.E. Grand Banks, Newfoundland	EPC 4800	BIO System
6	126/2210	127/0245		Single	N.E. Grand Banks, Newfoundland	Klein 521	BIO System
6	127/1845	127/2050		Single	N.E. Grand Banks, Newfoundland	Klein 531T	Klein System
6	126/2215	127/0535		Combined	N.E. Grand Banks, Newfoundland	EPC 4800	BIO System

SIDESCAN RECORD INVENTORY 89-006 (Continued)

ROLL #	START DAY/TIME	STOP DAY/TIME	LINE #	RECORD TYPE	GEOGRAPHIC AREA	RECORDER	SIDESCAN SYSTEM
7	127/0255	127/0900		Single	N.E. Grand Banks, Newfoundland	Klein 521	BIO System
7	127/2325	128/0255		Single	N.E. Grand Banks, Newfoundland	Klein 531T	Klein System
7	127/0545	127/1605		Combined	N.E. Grand Banks, Newfoundland	EPC 4800	BIO System
8	127/0905	127/1845		Single	N.E. Grand Banks, Newfoundland	Klein 521	BIO System
8	128/0325	128/1020		Single	N.E. Grand Banks, Newfoundland	Klein 531T	Klein System
8	127/1610	127/2045		Combined	N.E. Grand Banks, Newfoundland	EPC 4800	BIO System
9	127/1855	128/0300		Single	N.E. Grand Banks, Newfoundland	Klein 521	BIO System
9	129/1200	129/1510		Single	N.E. Grand Banks, Newfoundland	Klein 531T	Klein System
9	127/2340	128/0050		Combined	N.E. Grand Banks, Newfoundland	EPC 4800	BIO System
10	128/0310	128/1440		Single	N.E. Grand Banks, Newfoundland	Klein 521	BIO System
10	129/1515	129/2025		Single	N.E. Grand Banks, Newfoundland	Klein 531T	Klein System
10	128/0055	128/0405		Combined	N.E. Grand Banks, Newfoundland	EPC 4800	BIO System
11	128/1445	128/2055		Single	N.E. Grand Banks, Newfoundland	Klein 521	BIO System
11	129/2225	129/2310		Single	N.E. Grand Banks, Newfoundland	Klein 531T	Klein System
11	128/1410	128/2105		Combined	N.E. Grand Banks, Newfoundland	EPC 4800	BIO System
12	129/1200	129/1825		Single	N.E. Grand Banks, Newfoundland	Klein 521	BIO System
12	130/0350	130/0520		Single	N.E. Grand Banks, Newfoundland	Klein 531T	Klein System
12	130/2035	131/0235		Combined	N.E. Grand Banks, Newfoundland	EPC 4800	BIO System

SIDESCAN RECORD INVENTORY 89-006 (Continued)

ROLL #	START DAY/TIME	STOP DAY/TIME	LINE #	RECORD TYPE	GEOGRAPHIC AREA	RECORDER	SIDESCAN SYSTEM
13	129/1830	129/2305		Single	N.E. Grand Banks, Newfoundland	Klein 521	BIO System
13	130/1605	130/1815		Single	N.E. Grand Banks, Newfoundland	Klein 531T	Klein System
13	131/0240	131/2300		Combined	N.E. Grand Banks, Newfoundland	EPC 4800	BIO System
14	130/0515	130/1445		Single	N.E. Grand Banks, Newfoundland	Klein 521	BIO System
14	130/1820	130/2120		Single	N.E. Grand Banks, Newfoundland	Klein 531T	Klein System
14	131/2305	132/1430		Combined	N.E. Grand Banks, Newfoundland	EPC 4800	BIO System
15	130/1950	131/0200		Single	N.E. Grand Banks, Newfoundland	Klein 521	BIO System
15	130/2125	131/0210		Single	N.E. Grand Banks, Newfoundland	Klein 531T	Klein System
15	132/2340	133/1135		Combined	N.E. Grand Banks, Newfoundland	EPC 4800	BIO System
16	131/0210	131/1225		Single	N.E. Grand Banks, Newfoundland	Klein 521	BIO System
16	131/0215	131/0725		Single	N.E. Grand Banks, Newfoundland	Klein 531T	Klein System
16	133/2220	134/0800		Combined	N.E. Grand Banks, Newfoundland	EPC 4800	BIO System
17	131/2135	132/0200		Single	N.E. Grand Banks, Newfoundland	Klein 521	BIO System
17	131/0730	131/1010		Single	N.E. Grand Banks, Newfoundland	Klein 531T	Klein System
17	134/0805	135/0735		Combined	N.E. Grand Banks, Newfoundland	EPC 4800	BIO System
18	132/0305	132/1430		Single	N.E. Grand Banks, Newfoundland	Klein 521	BIO System
18	131/1020	131/1225		Single	N.E. Grand Banks, Newfoundland	Klein 531T	Klein System
18	135/0740	135/1800		Combined	N.E. Grand Banks, Newfoundland	EPC 4800	BIO System

SIDESCAN RECORD INVENTORY 89-006 (Continued)

ROLL #	START DAY/TIME	STOP DAY/TIME	LINE #	RECORD TYPE	GEOGRAPHIC AREA	RECORDER	SIDESCAN SYSTEM
19	132/2330	133/1145		Single	N.E. Grand Banks, Newfoundland	Klein 521	BIO System
19	136/0015	136/0620		Single	N.E. Grand Banks, Newfoundland	Klein 531T	BIO System
19	136/0015	136/1145		Combined	N.E. Grand Banks, Newfoundland	EPC 4800	Klein System
20	133/2205	134/0305		Single	N.E. Grand Banks, Newfoundland	Klein 521	BIO System
20	136/0700	136/1145		Single	N.E. Grand Banks, Newfoundland	Klein 531T	Klein System
21	134/0320	134/1430		Single	N.E. Grand Banks, Newfoundland	Klein 521	BIO System
22	134/1440	134/2210		Single	N.E. Grand Banks, Newfoundland	Klein 521	BIO System
23	134/2235	135/0235		Single	N.E. Grand Banks, Newfoundland	Klein 521	BIO System
24	135/0245	135/1810		Single	N.E. Grand Banks, Newfoundland	Klein 521	BIO System
25	135/2355	136/0255		Single	N.E. Grand Banks, Newfoundland	Klein 521	BIO System
26	136/0305	136/1200		Single	N.E. Grand Banks, Newfoundland	Klein 521	BIO System

HUNTEC RECORDS 89-006

ROLL #	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE #	RECORD TYPE	GEOGRAPHIC AREA	RECORDER	HUNTEC SYSTEM
1	124/1614	125/0610	Internal	1	Single	N.E. Grand Banks, Newfoundland	EPC 4100	AGC 2
1	124/1614	125/0610	External	1	Single	N.E. Grand Banks, Newfoundland	EPC 4100	AGC 2
1	124/1632	125/0610		1	Combined	N.E. Grand Banks, Newfoundland	EPC 4800	AGC 2
2	125/0610	125/2055	Internal	2,3	Single	N.E. Grand Banks, Newfoundland	EPC 4100	AGC 2
2	125/0611	125/0920	External	2	Single	N.E. Grand Banks, Newfoundland	EPC 4100	AGC 2
2	125/0612	125/0950		1,2	Combined	N.E. Grand Banks, Newfoundland	EPC 4800	AGC 2
3	125/2315	126/0145	Internal	3,4	Single	N.E. Grand Banks, Newfoundland	EPC 4100	AGC 2
3	125/0925	125/2055	External	3	Single	N.E. Grand Banks, Newfoundland	EPC 4100	AGC 2
3	125/1010	125/2050		3	Combined	N.E. Grand Banks, Newfoundland	EPC 4800	AGC 2
4	126/0150	126/1835	Internal	4	Single	N.E. Grand Banks, Newfoundland	EPC 4100	AGC 2
4	125/2315	126/0530	External	3,4	Single	N.E. Grand Banks, Newfoundland	EPC 4100	AGC 2
4	125/2350	126/0855			Combined	N.E. Grand Banks, Newfoundland	EPC 4800	AGC 2
5	126/2155	127/1605	Internal		Single	Trinity Bay, Newfoundland	EPC 4100	AGC 2
5	126/0535	126/1350	External	5	Single	Trinity Bay, Newfoundland	EPC 4100	AGC 2
5	126/0857	126/1835			Combined	Trinity Bay, Newfoundland	EPC 4800	AGC 2
6	127/1610	127/1945	Internal		Single	N.E. Grand Banks, Newfoundland	EPC 4100	AGC 2
6	126/1355	126/1835	External		Single	Trinity Bay, Newfoundland	EPC 4100	AGC 2
6	126/2215	127/0535	Combined		Combined	N.E. Grand Banks, Newfoundland	EPC 4800	AGC 2
7	127/1950	128/1440	Internal		Single	N.E. Grand Banks, Newfoundland	EPC 4100	AGC 2
7	126/2155	127/0430	External		Single	N.E. Grand Banks, Newfoundland	EPC 4100	AGC 2

HUNTEC RECORDS 89-006 (Continued)

ROLL #	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE #	RECORD TYPE	GEOGRAPHIC AREA	RECORDER	HUNTEC SYSTEM
7	127/0545	127/1605			Combined	N.E. Grand Banks, Newfoundland		AGC 2
8	130/1205	131/0735	Internal		Single	N.E. Grand Banks, Newfoundland		AGC 2
8	127/0435	127/1600	External		Single, EPC 4100	N.E. Grand Banks, Newfoundland		AGC 2
8	127/1610	127/2045			Combined	N.E. Grand Banks, Newfoundland		AGC 2
9	131/0740	132/0515	Internal		Single	Trinity Bay, Newfoundland		AGC 2
9	127/1605	128/0240	External		Single	N.E. Grand Banks, Newfoundland		AGC 2
9	127/2340	128/0050			Combined	N.E. Grand Banks, Newfoundland		AGC 2
10	132/0520	132/0730	Internal		Single	Trinity Bay, Newfoundland		AGC 2
10	128/0245	128/1400	External		Single	N.E. Grand Banks, Newfoundland		AGC 2
10	128/0055	128/1405			Combined	N.E. Grand Banks, Newfoundland		AGC 2
11	132/0735	133/0610	Internal		Single	Trinity Bay, Newfoundland		AGC 2
11	128/1405	128/2120	External		Single	N.E. Grand Banks, Newfoundland		AGC 2
11	128/1410	128/2105			Combined	N.E. Grand Banks, Newfoundland		AGC 2
12	133/0612	133/1023	Internal		Single	N.E. Grand Banks, Newfoundland		AGC 2
12	129/0020	130/1515	External		Single	N.E. Grand Banks, Newfoundland		AGC 2
12	130/2035	131/0235			Combined	N.E. Grand Banks, Newfoundland		AGC 2
13	133/1024	133/1135	Internal		Single	N.E. Grand Banks, Newfoundland		AGC 2
13	130/1520	131/0915	External		Single	N.E. Grand Banks, Newfoundland		AGC 2
13	131/0240	131/2300			Combined	Trinity Bay, Newfoundland		AGC 2
14	133/2220	134/1520	Internal		Single	Trinity Bay, Newfoundland		AGC 2

HUNTEC RECORDS 89-006 (Continued)

ROLL #	START DAY/TIME	STOP DAY/TIME	HYDRO-PHONE	LINE #	RECORD TYPE	GEOGRAPHIC AREA	RECORDER	HUNTEC SYSTEM
14	131/0916	131/1735	External		Single	Trinity Bay, Newfoundland	EPC 4100	AGC 2
14	131/2305	132/1430			Combined	Trinity Bay, Newfoundland	EPC 4800	AGC 2
15	134/1525	134/2200	Internal		Single	N.E. Grand Banks, Newfoundland	EPC 4100	AGC 2
15	131/1750	132/0815	External		Single	Trinity Bay, Newfoundland	EPC 4100	AGC 2
15	132/2340	133/1135			Combined	N.E. Grand Banks, Newfoundland	EPC 4800	AGC 2
16	135/0855	135/1805	Internal		Single	N.E. Grand Banks, Newfoundland	EPC 4100	AGC 2
16	132/0830	133/0610	External		Single	N.E. Grand Banks, Newfoundland	EPC 4100	AGC 2
16	133/2220	134/0800			Combined	N.E. Grand Banks, Newfoundland	EPC 4800	AGC 2
17	135/2210	136/0125	Internal		Single	N.E. Grand Banks, Newfoundland	EPC 4100	AGC 2
17	133/0612	133/1130	External			N.E. Grand Banks, Newfoundland		AGC 2
17	133/0612	133/1130	NSRF 100'		Single	N.E. Grand Banks, Newfoundland	EPC 4100	AGC 2
17	134/0805	135/0735			Combined	N.E. Grand Banks, Newfoundland	EPC 4800	AGC 2
18	136/0130	136/1145	Internal		Single	N.E. Grand Banks, Newfoundland	EPC 4100	AGC 2
18	133/2220	134/1440	External		Single	N.E. Grand Banks, Newfoundland	EPC 4100	AGC 2
18	135/0740	135/1800			Combined	N.E. Grand Banks, Newfoundland	EPC 4800	AGC 2
19	134/1442	134/2200	External		Single	N.E. Grand Banks, Newfoundland	EPC 4100	AGC 2
19	136/0015	136/1145			Combined	N.E. Grand Banks, Newfoundland	EPC 4800	AGC 2
20	135/0855	135/1805	External		Single	N.E. Grand Banks, Newfoundland	EPC 4100	AGC 2
21	135/2210	136/1145	External		Single	N.E. Grand Banks, Newfoundland	EPC 4100	AGC 2

SEISMICS/HUNTEC/SIDESCAN COMBINED ON-LINE DATA TAPES 89-006

TAPE #	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC AREA	CHANNEL INFO	NOTES
1	124/1617	124/1900	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
2	124/1901	124/2346	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
3	124/2346	125/0043	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
4	125/0043	125/0337	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
5	125/0337	125/0625	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
6	125/0625	125/0915	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
7	125/0915	125/1208	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
8	125/1208	125/1503	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
9	125/1503	125/1756	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
10	125/1756	125/2324	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
11	125/2324	126/0232	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800

SEISMICS/HUNTEC/SIDESCAN COMBINED ON-LINE DATA TAPES 89-006 (Continued)

TAPE #	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC AREA	CHANNEL INFO	NOTES
12	126/0232	126/0503	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
13	126/0503	126/0755	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
14	126/0755	126/1047	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
15	126/1047	126/1347	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
16	126/1348	126/1639	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
17	126/1639	126/2259	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
18	126/2300	127/0150	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
19	127/0150	127/0450	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
20	127/0450	127/0742	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
21	127/0742	127/1035	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
22	127/1035	127/1330	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800

SEISMICS/HUNTEC/SIDESCAN COMBINED ON-LINE DATA TAPES 89-006 (Continued)

TAPE #	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC AREA	CHANNEL INFO	NOTES
23	127/1330	127/1621	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
24	127/1621	127/1921	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
25	127/1921	128/0038	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
26	128/0038	128/0329	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
27	128/0329	128/0622	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
28	128/0622	128/0917	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
29	128/0917	128/1211	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
30	128/1211	128/1504	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
31	128/1504	128/1755	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
32	128/1755	128/2046	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
33	128/2046	129/1417	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800

SEISMICS/HUNTEC/SIDESCAN COMBINED ON-LINE DATA TAPES 89-006 (Continued)

TAPE #	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC AREA	CHANNEL INFO	NOTES
34	129/1418	129/1709	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
35	129/1709	129/2030	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
36	129/2209	130/0709	Hibernia, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
37	130/0709	130/1001	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
38	130/1001	130/1252	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
39	130/1252	130/1544	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
40	130/1544	130/1835	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
41	130/1835	130/2128	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
42	130/2128	131/0003	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
43	131/0003	131/0300	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
44	131/1300	131/0549	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	

SEISMICS/HUNTEC/SIDESCAN COMBINED ON-LINE DATA TAPES 89-006 (Continued)

TAPE #	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC AREA	CHANNEL INFO	NOTES
45	131/0549	131/0842	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
46	131/0842	131/1134	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
47	131/1134	131/1541	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
48	131/1541	131/1833	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
49	131/1833	131/2130	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
50	131/2130	132/0034	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
51	132/0034	132/0330	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Missing some data
52	132/0330	132/0630	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Missing 17 minutes
53	132/0630	132/0925	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
54	132/0945	132/1249	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
55	132/1249	133/0038	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	

SEISMICS/HUNTEC/SIDESCAN COMBINED ON-LINE DATA TAPES 89-006 (Continued)

TAPE #	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC AREA	CHANNEL INFO	NOTES
56	133/0038	133/0330	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
57	133/0330	133/0625	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
58	133/0625	133/0920	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
59	133/0920	133/2252	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
60	133/2052	134/0146	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
61	134/0146	134/0440	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
62	134/0440	134/0073	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
63	134/0731	134/1025	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
64	134/1025	134/1316	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
65	134/1316	134/1601	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
66	134/1609	134/1900	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	

SEISMICS/HUNTEC/SIDESCAN COMBINED ON-LINE DATA TAPES 89-006 (Continued)

TAPE #	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC AREA	CHANNEL INFO	NOTES
67	134/1900	134/2151	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
68	134/2315	135/0209	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
69	135/0209	135/0503	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
70	135/0503	135/0800	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
71	135/0800	135/1054	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
72	135/1055	135/1355	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
73	135/1355	135/1648	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
74	135/1648	136/0121	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
75	136/1021	136/0411	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
76	136/0411	136/0704	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	
77	136/0704	136/0955	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	

SEISMICS/HUNTEC/SIDESCAN COMBINED ON-LINE DATA TAPES 89-006 (Continued)

TAPE #	START DAY/ TIME	STOP DAY/ TIME	GEOGRAPHIC AREA	CHANNEL INFO	NOTES
78	136/0955	136/1148	N.E. Grand Banks, Newfoundland	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	

CRUISE TRACKS - 89007.
1:3,500,000 (MERCATOR, 52N)

66° 0' W

64° 0' W

62° 0' W

60° 0' W

58° 0' W

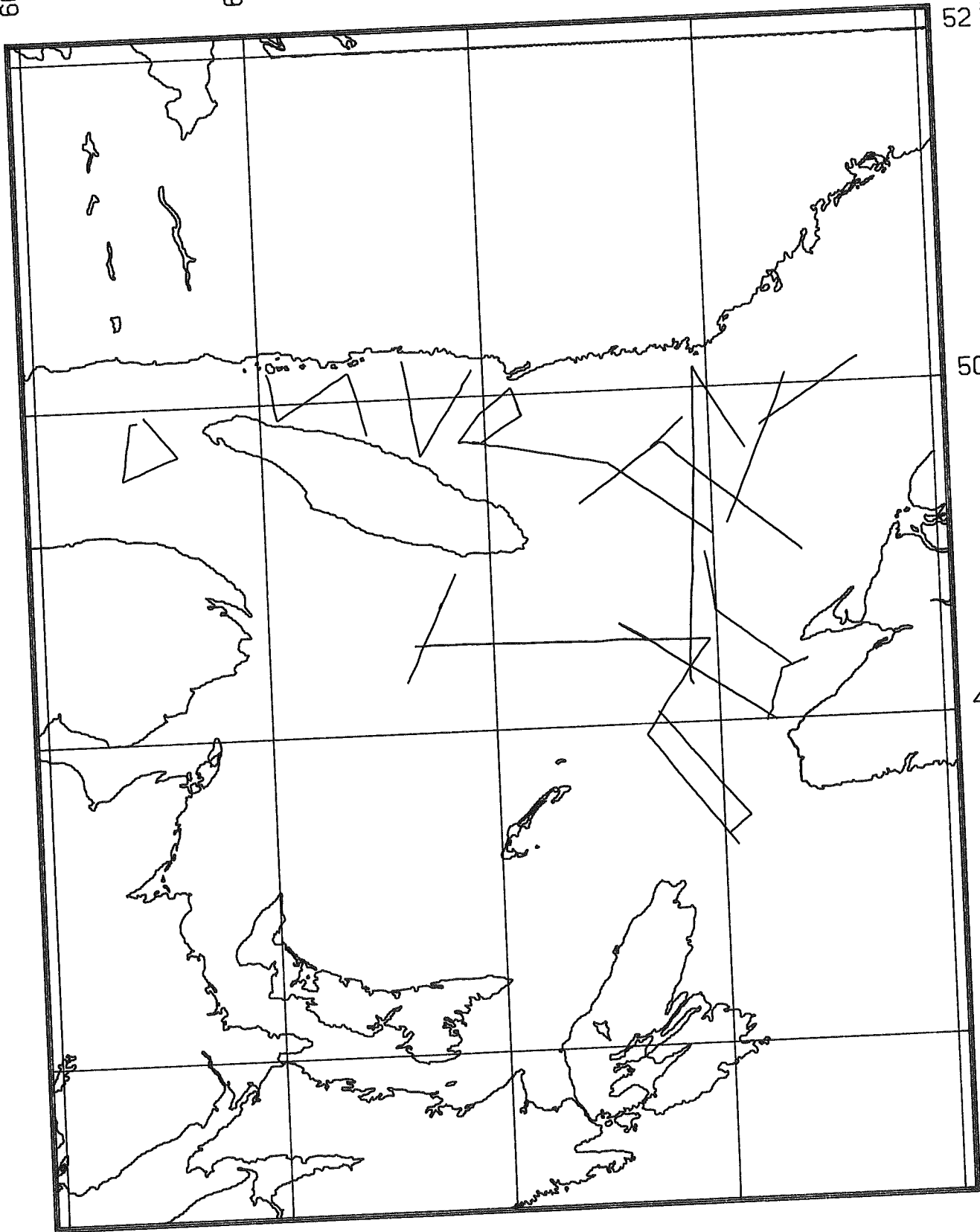
52° 0' N

50° 0' N

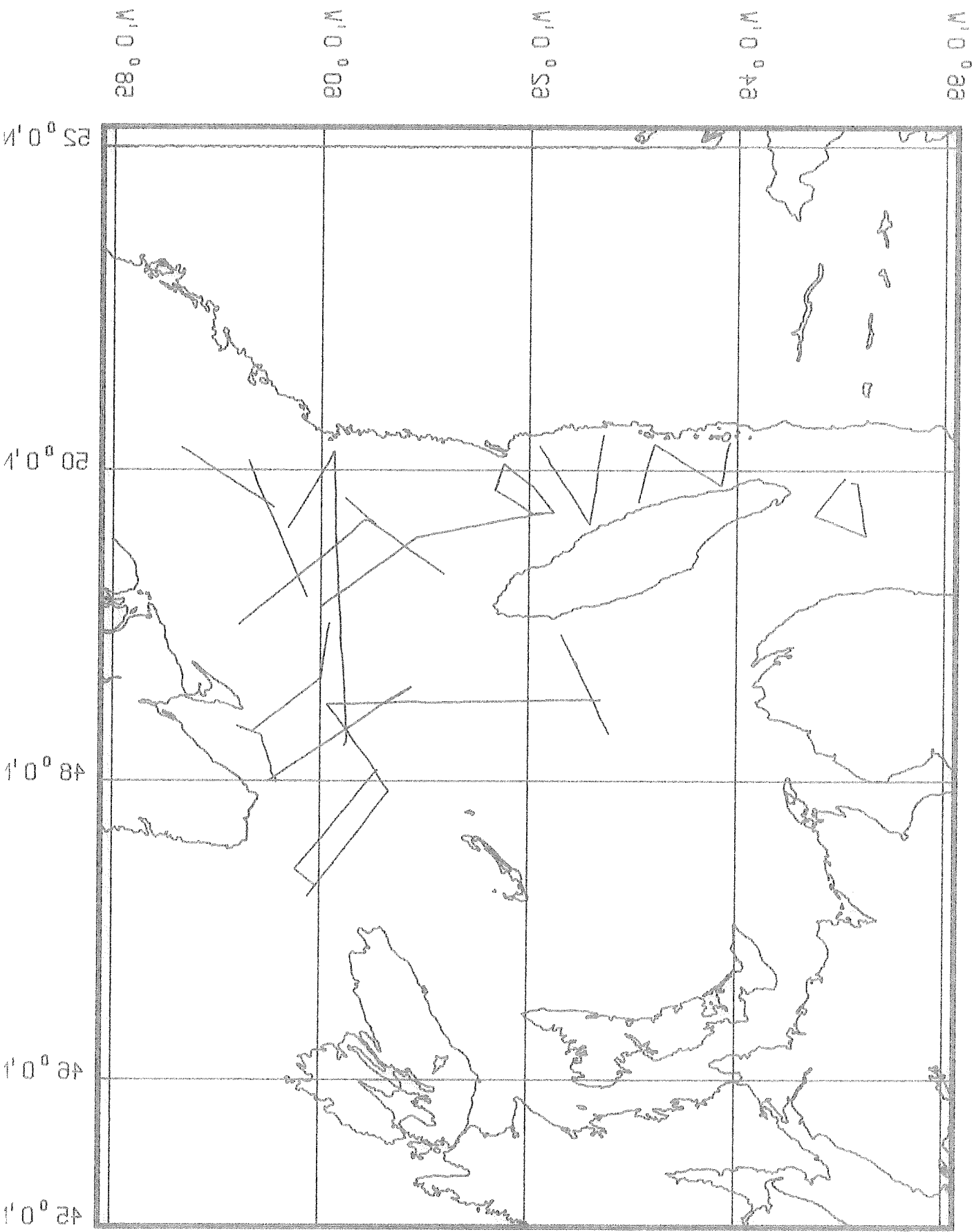
48° 0' N

46° 0' N

45° 0' N



CRUISE TRACKS - 89007
1:3,500,000 (MERCATOR, 25N)



LOG BOOK INVENTORY 89-007

DAY	TYPE
140-159	General Log
140-159	Seismic
141-159	Bathymetry
153-159	Bridge
141-159	Huntec

BATHYMETRY RECORD INVENTORY 89-007

ROLL #	START DAY/ TIME	STOP DAY/ TIME	LINE #
1	140/2352	143/0630	1,2,3
2	143/0655	146/0715	4,5,6,7,8
3	146/0725	149/0045	9,10,11
4	149/0050	149/0510	11
5	149/1230	151/0951	11,12,13,14,15
6	153/0015	154/0535	16,17,18
7	154/0540	154/2229	18
8	155/0027	156/2043	19,20,21
9	156/2210	157/2105	21
10	157/2300	159/1415	22,22

SEISMIC RECORD INVENTORY 89-007

ROLL #	START DAY/ TIME	STOP DAY/ TIME	LINE #	RECORDER	SYSTEM/ SOUND SOURCE
1	140/2350	141/0945	1		Airgun
2	141/0948 141/2224	141/1200 142/1220	1 2		Airgun
3	142/1910 143/0251	143/0250 143/1150	3 4		Airgun
4	143/2325 144/0531	144/0530 144/1630	5 6		Airgun
5	144/2250 145/1350	145/0910 145/2050	7 8		Airgun
6	147/1535	147/1850	9		Airgun
7	148/0200 148/0425	148/0400 148/1115	10 10		Airgun
8	148/1837	148/1955	11		Airgun
9	148/2035	148/2318	11		Airgun
10	148/2345 149/0335 149/1320 149/1626 149/1915 149/2350 150/0019	149/0200 149/1230 149/1625 149/1850 149/2250 150/0018 150/1025	11 11 11 12 12 12 13		Airgun
11	150/1710 150/1925 150/2105 150/2210	150/1924 150/2050 150/2150 151/0400	14 15 15 15		Airgun
12	153/0616 153/2133 153/2314	143/1151 153/2150 154/0954	16 17 18		Airgun
13	155/0027 155/0200 155/0712 155/2211 155/2345 156/1836 156/2214	155/0100 155/0600 155/1400 155/2223 156/1157 156/1950 157/0400	19 19 19 20 20 21 21		Airgun
14	157/0100 157/2320 158/2313	157/1100 158/1100 159/1000	21 22 23		Airgun

HUNTEC RECORDS 89-007 (Continued)

ROLL #	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE #
19	156/1836 156/2210	156/1950 156/2245	Internal	21 21
20	156/2250 157/0410	157/0400 157/1000	Internal	21 21
21	157/2311	158/0835	Internal	22
22	158/0840	158/1130	Internal	22
23	158/2300	159/1000	Internal	23
1A	141/0035	141/1058	External	1
1B	141/0000	141/1055	External	1
2	141/1203	142/0503	External	2
3	142/0505	143/1215	External	2
5	142/1400 142/1905	142/1420 143/0542	External	Stn 11 3
6	143/0555	143/1150	External	4
7	143/1820 143/2310	143/1840 144/0250	External	Stn 21 5
8	144/0255 144/0530	144/0529 144/1546	External	5 6
9	144/1855 144/2330	144/1915 145/0907	External	Stn 26 7 [Internal Data]
10	145/1100 145/1350	145/1115 145/2126	External	Stn 31 8
11	147/1535	147/1555	External	9
12	147/1600 148/0155	147/1840 148/1115	External	9 10
13	148/1836 149/0340	149/0200 149/0530	External	11 11
14	149/0530 149/0612 149/1625 150/0019	149/0555 149/1624 150/0018 150/0431	External	11 11 12 13
15	150/0435	150/1025	External	13
16	150/1715 151/1918	150/1917 152/0400	External	14 15
17	153/0605	153/0957	External	16
18	153/1006	153/1300	External	16

SEISMIC RECORD INVENTORY 89-007 (Continued)

ROLL #	START DAY/TIME	STOP DAY/TIME	LINE #	RECORDER	SYSTEM/SOUND SOURCE
1	142/1855	142/0247	3	EPC 8700	Airgun
	143/0248	143/1150	4		
	143/2320	144/0526	5		
	144/0527	144/1630	6		
	144/2247	145/0432	7		
2	145/0445	145/0910	7	EPC 8700	Airgun
	145/1350	145/2050	8		
3	147/1610	147/1850	9	EPC 8700	Airgun
4	148/0200	148/0408	9,10	EPC 8700	Airgun
5	148/1840	148/1955	11	EPC 8700	Airgun
	148/2040	149/0200	11		
	149/0335	149/1624	11		
	149/1625	150/0018	12		
6	150/1710	150/1920	14	EPC 8700	Airgun
	150/1925	151/0400	15		
7	153/0616	153/1153	16	EPC 8700	Airgun
	153/2133	153/2150	17		
	153/2314	154/0954	18		
8	155/0027	155/0035	19	EPC 8700	Airgun
	155/0200	155/0600	19		
	155/0721	155/1400	19		
	155/2211	155/2223	20		
	155/2345	156/1157	20		
	156/1836	156/1950	21		
	156/2214	157/1000	21		
	157/2320	157/2326	22		
158/0030	158/1100	22			
9	158/2313	159/0300	23	EPC 8700	Airgun
10	159/0330	159/1000	23	EPC 8700	Airgun

HUNTEC RECORDS 89-007

ROLL #	START DAY/ TIME	STOP DAY/ TIME	HYDRO-PHONE	LINE #
1	141/1203	142/0320	Internal	2, Stn 1, Stn 6
2	141/0335	142/1215	Internal	2
3	142/1855 143/0248	143/0247 143/0400	Internal	3 4
4	143/0403	143/1153	Internal	4
5	143/1820 143/2310 144/0526	143/1840 144/0525 144/0815	Internal	Stn 21 5 6
6	144/0830 144/1854 144/2250 144/2331	144/1630 144/1915 144/2330 145/0906	Internal	6 Stn 26 7 7 [External Data]
7	145/1058 145/1345	145/1110 145/2126	Internal	Stn 31 8
9	148/0155	148/1115	Internal	9
10	148/1905 149/0335 149/0610	149/0200 149/0555 149/1020	Internal	11 11 11
11	149/1025 149/1325 149/1625 150/0019	149/1230 149/1624 150/0018 150/0830	Internal	11 11 12 13
12	150/0838	150/1025	Internal	13
13	150/1710 150/1922	150/1917 151/0400	Internal	14 15
14	153/0605 153/1425	153/1255 153/1525	Internal	16 Stn 115
15	153/2133 153/2310	153/2150 154/0953	Internal	17 18
16	154/1141 155/0026	154/1248 155/0830	Internal	Stn 119 19
17	155/0840	155/1400	Internal	19
18	155/2210 155/2340 156/0240 156/0400	155/2220 156/0220 156/0359 156/1153	Internal	Stn 126 20 20 {External Data} 20

HUNTEC RECORDS 89-007 (Continued)

ROLL #	START DAY/TIME	STOP DAY/TIME	HYDRO-PHONE	LINE #
19	153/1424 153/2130 153/2310	153/1529 153/2150 154/0953	External	Stn 115 17 18
20	154/1141 155/0027	154/1248 155/0400	External	Stn 119 19
21	155/0410	155/0500	External	19
22	155/0545	155/1400	External	19
23	155/2210 155/2340 156/0240 156/0400	155/2223 156/0200 156/0359 156/1000	External	Stn 126 20 20 [Internal Data] 20
24	156/1005	156/1155	External	20
25	156/1856 156/2210	156/1950 157/1000	External	21 21
26	157/2311	158/0425	External	22
27	158/0430	158/1132	External	22
28	158/2300	159/1000	External	23

HUNTEC RECORDS 89-007 (Continued)

ROLL #	START DAY/TIME	STOP DAY/TIME	HYDRO-PHONE	LINE #
19	153/1424 153/2130 153/2310	153/1529 153/2150 154/0953	External	Stn 115 17 18
20	154/1141 155/0027	154/1248 155/0400	External	Stn 119 19
21	155/0410	155/0500	External	19
22	155/0545	155/1400	External	19
23	155/2210 155/2340 156/0240 156/0400	155/2223 156/0200 156/0359 156/1000	External	Stn 126 20 20 [Internal Data] 20
24	156/1005	156/1155	External	20
25	156/1856 156/2210	156/1950 157/1000	External	21 21
26	157/2311	158/0425	External	22
27	158/0430	158/1132	External	22
28	158/2300	159/1000	External	23

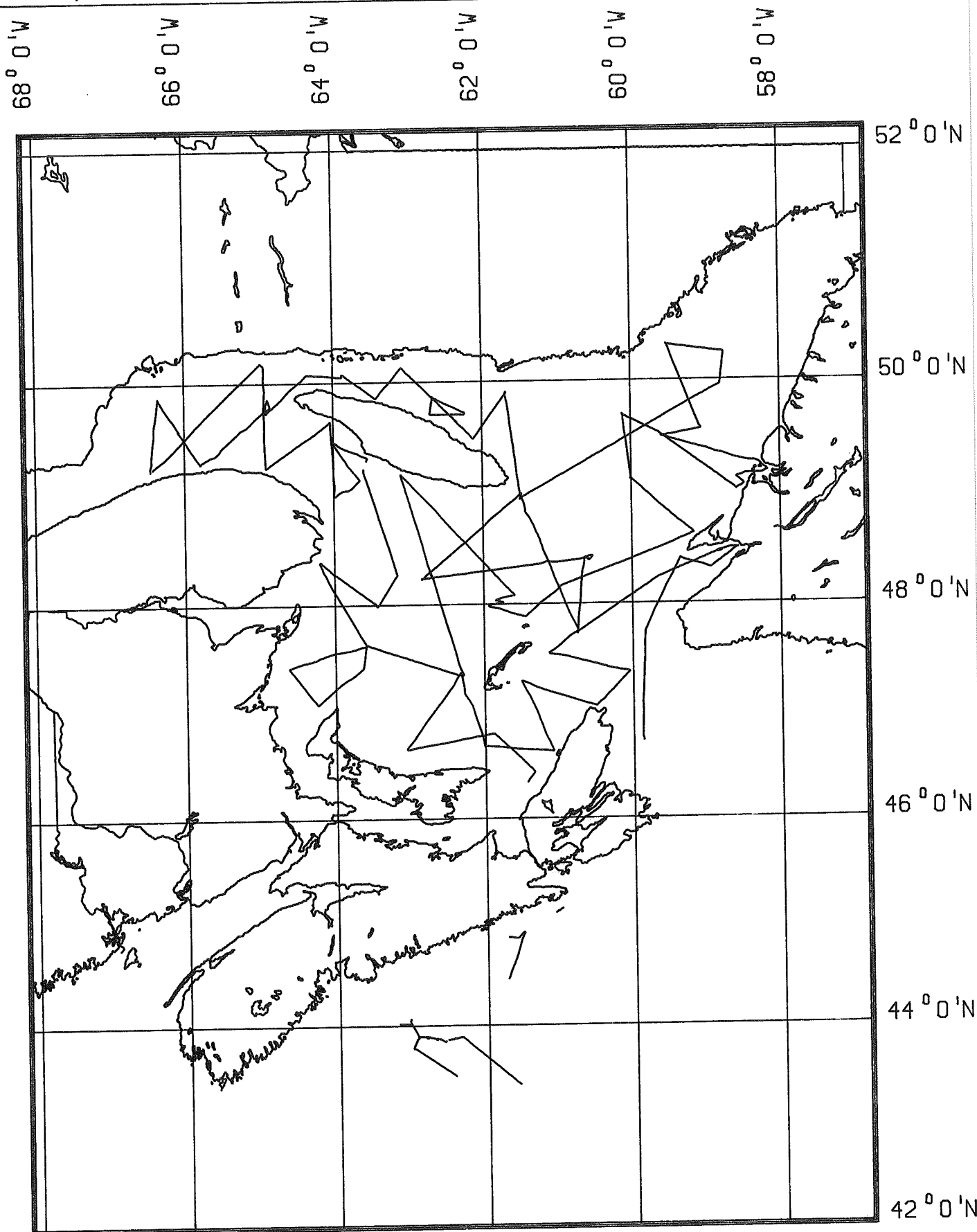
SEISMIC RECORD INVENTORY 89-007

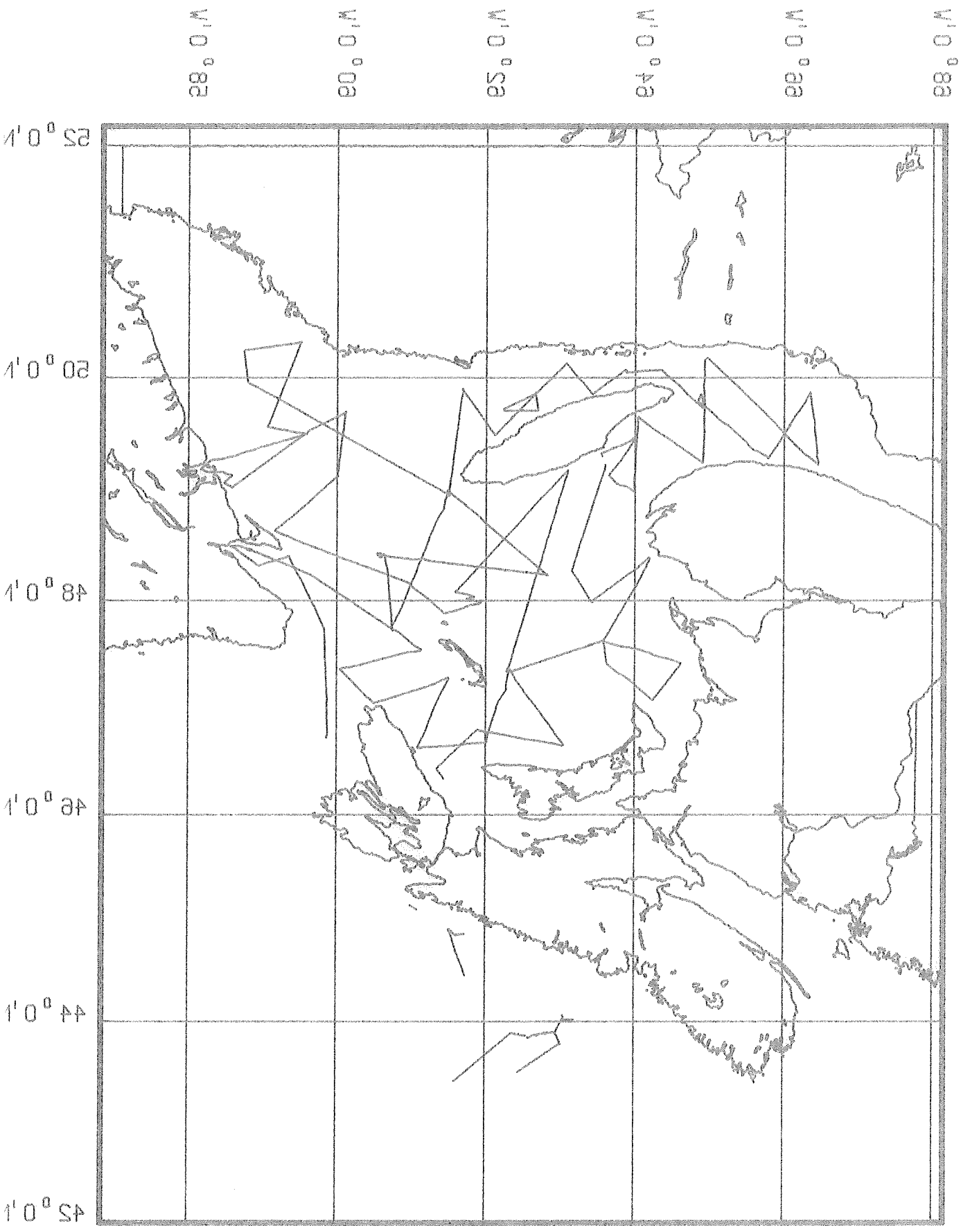
ROLL #	START DAY/ TIME	STOP DAY/ TIME	LINE #	RECORDER	SYSTEM/ SOUND SOURCE
1	140/2350	141/0945	1		Airgun
2	141/0948 141/2224	141/1200 142/1220	1 2		Airgun
3	142/1910 143/0251	143/0250 143/1150	3 4		Airgun
4	143/2325 144/0531	144/0530 144/1630	5 6		Airgun
5	144/2250 145/1350	145/0910 145/2050	7 8		Airgun
6	147/1535	147/1850	9		Airgun
7	148/0200 148/0425	148/0400 148/1115	10 10		Airgun
8	148/1837	148/1955	11		Airgun
9	148/2035	148/2318	11		Airgun
10	148/2345 149/0335 149/1320 149/1626 149/1915 149/2350 150/0019	149/0200 149/1230 149/1625 149/1850 149/2250 150/0018 150/1025	11 11 11 12 12 12 13		Airgun
11	150/1710 150/1925 150/2105 150/2210	150/1924 150/2050 150/2150 151/0400	14 15 15 15		Airgun
12	153/0616 153/2133 153/2314	143/1151 153/2150 154/0954	16 17 18		Airgun
13	155/0027 155/0200 155/0712 155/2211 155/2345 156/1836 156/2214	155/0100 155/0600 155/1400 155/2223 156/1157 156/1950 157/0400	19 19 19 20 20 21 21		Airgun
14	157/0100 157/2320 158/2313	157/1100 158/1100 159/1000	21 22 23		Airgun

SEISMIC RECORD INVENTORY 89-007 (Continued)

ROLL #	START DAY/TIME	STOP DAY/TIME	LINE #	RECORDER	SYSTEM/SOUND SOURCE
1	142/1855	142/0247	3	EPC 8700	Airgun
	143/0248	143/1150	4		
	143/2320	144/0526	5		
	144/0527	144/1630	6		
	144/2247	145/0432	7		
2	145/0445	145/0910	7	EPC 8700	Airgun
	145/1350	145/2050	8		
3	147/1610	147/1850	9	EPC 8700	Airgun
4	148/0200	148/0408	9,10	EPC 8700	Airgun
5	148/1840	148/1955	11	EPC 8700	Airgun
	148/2040	149/0200	11		
	149/0335	149/1624	11		
	149/1625	150/0018	12		
6	150/1710	150/1920	14	EPC 8700	Airgun
	150/1925	151/0400	15		
7	153/0616	153/1153	16	EPC 8700	Airgun
	153/2133	153/2150	17		
	153/2314	154/0954	18		
8	155/0027	155/0035	19	EPC 8700	Airgun
	155/0200	155/0600	19		
	155/0721	155/1400	19		
	155/2211	155/2223	20		
	155/2345	156/1157	20		
	156/1836	156/1950	21		
	156/2214	157/1000	21		
	157/2320	157/2326	22		
	158/0030	158/1100	22		
9	158/2313	159/0300	23	EPC 8700	Airgun
10	159/0330	159/1000	23	EPC 8700	Airgun

CRUISE TRACKS - 89008.
Scale: 5,000,000 (MERCATOR, 51N)





**LOG BOOK INVENTORY 89-008
Phase I**

DAY	TYPE
150-174	General
150-174	Bathymetry
150-169	Bridge
171-174	Bridge
149-173	Seakem DTS Watch-keeper & daily log

BATHYMETRY RECORD INVENTORY 89-008 Phase I

ROLL #	START DAY/TIME	STOP DAY/TIME	LINE #	GEOGRAPHIC AREA	FREQUENCY	RE-CORDER	SYSTEM/SOUND SOURCE
1	150/1440	151/1605	1,2,3,4,5,6	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
2	151/1606	151/2025	6,7,8	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
3	151/2110	153/1200	6	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
4	153/1205	154/1745	10	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
5	154/1815	155/0925	13	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
6	155/0926	156/0000	15	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
7	156/0000	156/2100	18	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
8	156/2100	157/1400	22	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
9	157/1405	157/2320	23	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
10	157/2325	158/1555	24,25,26,27,28	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
11	158/1556	159/0230	29,30,31	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
12	159/0250	159/2012	31,32	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
13	159/2013	160/1030		Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
14	160/1446	161/0320	35	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
15	161/0321	161/1922	36,37	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
16	161/1923	162/0904	38,39,40	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
17	162/0905	162/1724	41	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted

BATHYMETRY RECORD INVENTORY 89-008 Phase I (Continued)

ROLL #	START DAY/ TIME	STOP DAY/ TIME	LINE #	GEOGRAPHIC AREA	FRE- QUENCY	RE- CORDER	SYSTEM/ SOUND SOURCE
18	162/2255	163/1142	42,43	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
19	163/1145	163/2359	44,45	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
20	164/0000	164/1155	45,46	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
21	164/1156	164/2303	47,48,49, 50	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
22	164/2305	165/1637	50,51	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
23	165/1646	166/1519	51,52	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
24	166/1520	166/2200	53,54	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
25	166/2201	167/0626	55,56	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
26	167/0627	167/1659	57,58	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
27	167/1700	168/0426	59,60	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
28	168/0428	168/1435	61,62	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
29	168/1436	168/1943	29	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
30	168/1945	169/0826	63,64	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted
31	169/0827	169/2200	65,66,67	Gulf of St. Lawrence	3.5 kHz	LSR	ORE Hull Mounted

MAGNETIC RECORD INVENTORY 89-008 Phase I

ROLL #	START DAY/ TIME	STOP DAY/ TIME	LINE #	GEOGRAPHIC AREA	RECORDER	MAGNETOMETER SYSTEM
1	150/1700	152/2120	1-8	Gulf of St. Lawrence	HP7132A	Varian-V75
2	152/2154	155/0920	8-14	Gulf of St. Lawrence	HP7132A	Varian-V75
3	155/0930	161/0315	15-35	Gulf of St. Lawrence	HP7132A	Varian-V75
4	161/0315	162/1145	35-41	Gulf of St. Lawrence	HP7132A	Varian-V75
5	162/1146	169/2200	41-67	Gulf of St. Lawrence	HP7132A	Varian-V75

SEISMIC RECORD INVENTORY 89-008 Phase I

ROLL #	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE #	RECORD TYPE	GEOGRAPHIC AREA	RE-CORDER	SYSTEM/SOUND SOURCE
1	150/1615	151/0113	NSRF 25'	1	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
1	150/1610	151/0305	SE 100'	1,2	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun
1	161/0110	161/1248	SE 100'	35,36	Single	Gulf of St. Lawrence	EPC 4100	AGC System Sleeve Gun
2	151/0114	151/0808	NSRF 25'	2	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
2	151/0306	151/0305	SE 100'	2	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun
2	161/1250	161/1925	SE 100'	37	Single	Gulf of St. Lawrence	EPC 4100	AGC System Sleeve Gun
3	151/0809	151/1313	NSRF 25'	3,4	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
3	151/0809	151/1041	SE 100'	3	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun
3	161/1926	162/1500	SE 100'	37	Single	Gulf of St. Lawrence	EPC 4100	AGC System Sleeve Gun
4	151/1315	152/0517	NSRF 25'	5,6	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
4	151/1045	151/1313	SE 100'	4	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun
4	162/1501	163/1142	SE 100'	41,42,43	Single	Gulf of St. Lawrence	EPC 4100	AGC System Sleeve Gun
5	152/0519	152/1147	NSRF 25'	7	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
5	151/1314	151/1540	SE 100'	5,6	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun
5	163/1145	164/0426	SE 100'	44,45	Single	Gulf of St. Lawrence	EPC 4100	AGC System Sleeve Gun
6	152/1149	153/0327	NSRF 25'	8	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
6	151/1542	152/0517	SE 100'	6	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun
6	164/0427	164/1150	SE 100'	46	Single	Gulf of St. Lawrence	EPC 4100	AGC System Sleeve Gun
7	153/0328	153/1353	NSRF 25'	9	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
7	152/0520	152/1147	SE 100'	7	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun

SEISMIC RECORD INVENTORY 89-008 Phase I (Continued)

ROLL #	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE #	RECORD TYPE	GEOGRAPHIC AREA	RE-CORDER	SYSTEM/SOUND SOURCE
7	164/1152	164/2245	SE 100'	47,48,49	Single	Gulf of St. Lawrence	EPC 4100	AGC System Sleeve Gun
8	153/1354	153/2215	NSRF 25'	10	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
8	152/1148	152/2020	SE 100'	8	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun
8	164/2248	165/0724	SE 100'	50	Single	Gulf of St. Lawrence	EPC 4100	AGC System Sleeve Gun
9	153/2216	154/1033	NSRF 25'	11	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
9	152/2025	153/0325	SE 100'	8	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun
9	164/0725	166/0135	SE 100'	51	Single	Gulf of St. Lawrence	EPC 4100	AGC System Sleeve Gun
10	154/1035	155/0924	NSRF 25'	12,13,14	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
10	153/0325	153/1355	SE 100'	9	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Airgun 40 cu in
10	166/0138	166/1519	SE 100'	52	Single	Gulf of St. Lawrence	EPC 4100	AGC System Sleeve Gun
11	155/0935	156/0000	NSRF 25'	15,16,17,18	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
11	153/1400	153/1615	SE 100'	10	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun
11	166/1520	167/0150	SE 100'	53,54,55	Single	Gulf of St. Lawrence	EPC 4100	AGC System Sleeve Gun
12	156/0003	156/1040	NSRF 25'	18,19	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
12	153/1616	153/2215	SE 100'	10	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun
12	167/0155	167/1658	SE 100'	56,57,58	Single	Gulf of St. Lawrence	EPC 4100	AGC System Sleeve Gun
13	156/1041	156/2047	NSRF 25'	20,21,22	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
13	153/2217	154/1027	SE 100'	12	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Airgun 40 cu in
13	167/1700	168/0424	SE 100'	59,60	Single	Gulf of St. Lawrence	EPC 4100	AGC System Sleeve Gun
14	156/2108	157/1400	NSRF 25'	22	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun

SEISMIC RECORD INVENTORY 89-008 Phase I (Continued)

ROLL #	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE #	RECORD TYPE	GEOGRAPHIC AREA	RE-CORDER	SYSTEM/SOUND SOURCE
14	154/1028	154/1727	SE 100'	12	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun
14	168/0426	168/1109	SE 100'	61	Single	Gulf of St. Lawrence	EPC 4100	AGC System Sleeve Gun
15	157/1402	157/2322	NSRF 25'	23	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
15	154/1730	154/2235	SE 100'	13	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun
15	168/1110	168/2335	SE 100'	62,63	Single	Gulf of St. Lawrence	EPC 4100	AGC System Sleeve Gun
16	157/2323	158/1904		24,25,26 27,28,29	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
16	154/2236	155/0605	SE 100'	14	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun
16	168/2337	169/0530	SE 100'	64	Single	Gulf of St. Lawrence	EPC 4100	AGC System Sleeve Gun
17	168/1906	159/1020		30,31,32	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
17	155/0606	155/1151	SE 100'	14,15	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun
17	169/0531	169/0826	SE 100'	64	Single	Gulf of St. Lawrence	EPC 4100	AGC System Sleeve Gun
18	159/1225	160/1011	NSRF 25'	32,33,34	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
18	155/1152	155/1550	SE 100'	16	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun
18	169/0830	169/2200	SE 100'	65,66,67	Single	Gulf of St. Lawrence	EPC 4100	AGC System Sleeve Gun
19	160/1503	161/1245	NSRF 25'	35,36	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
19	155/1551	155/2359	SE 100'	17	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun
20	161/1250	162/0240	NSRF 25'	37,38	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
20	156/0000	156/1040	SE 100'	18,19	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun
21	162/0240	162/1655	NSRF 25'	39,40,41	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
21	156/1041	156/2100	SE 100'	20,21,22	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun

SEISMIC RECORD INVENTORY 89-008 Phase I (Continued)

ROLL #	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE #	RECORD TYPE	GEOGRAPHIC AREA	RE-CORDER	SYSTEM/SOUND SOURCE
22	162/2320	163/1142	NSRF 25'	42,43	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
22	156/2111	157/0220	SE 100'	22	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun
23	163/1143	164/1152	NSRF 25'	44,45,46	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
23	157/0300	157/1108	SE 100'	22	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun
24	164/1153	164/1522	NSRF 25'	47	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
24	157/1145	157/2315	SE 100'	22,23	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun
25	164/1539	165/0733	NSRF 25'	48,49,50	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
25	157/2320	158/0404	SE 100'	23,24,25	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun
26	165/0739	166/0140	NSRF 25'	51	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
26	158/0405	158/0755	SE 100'	25	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun
27	166/0143	167/0152	NSRF 25'	52,53,54,55	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
27	158/0756	158/1259	SE 100'	25,26,27	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun
28	167/0153	167/0320	NSRF 25'	56	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
28	158/1300	158/1900	SE 100'	28,29	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun
29	167/0332	167/2158	NSRF 25'	56,58,59	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
29	158/1905	159/0100	SE 100'	30,31	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun
30	167/2200	168/0723	NSRF 25'	60,61	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
30	159/0102	160/1011	SE 100'	31,32,33,34	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun
31	168/0725	168/1108	NSRF 25'	61	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
31	159/0250	159/2012	SE 100'	31,32	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun

SEISMIC RECORD INVENTORY 89-008 Phase I (Continued)

ROLL #	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE #	RECORD TYPE	GEOGRAPHIC AREA	RE-CORDER	SYSTEM/SOUND SOURCE
32	168/1109	169/0832	NSRF 25'	62,63,64	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
32	160/1530	161/0933	SE 100'	35,36	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun
33	169/0835	169/2200	NSRF 25'	65,66,67	Single	Gulf of St. Lawrence	LSR	AGC System Sleeve Gun
33	161/0940	161/1250	SE 100'	36	Combined	Gulf of St. Lawrence	EPC 4800	AGC System Sleeve Gun

SIDESCAN RECORD INVENTORY 89-008 Phase I

ROLL #	START DAY/TIME	STOP DAY/TIME	LINE #	RECORD TYPE	GEOGRAPHIC AREA	RE-CORDER	SIDESCAN SYSTEM
1	150/1600	150/1930	1	Single	Gulf of St. Lawrence	Jkeub 531	BIO System
1	150/1605	150/1900	1	Single	Gulf of St. Lawrence	Klein 531T	Klein System
1	150/1610	151/0305	1,2	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
2	151/0306	151/0808	2	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
2	151/0346	151/0808	2	Single	Gulf of St. Lawrence	Klein 531	BIO System
3	151/0809	151/1041	3	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
3	151/0810	151/1041	3	Single	Gulf of St. Lawrence	Klein 531	BIO System
4	151/1045	151/1313	4	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
4	151/1045	151/1400	4,5	Single	Gulf of St. Lawrence	Klein 531	BIO System
2	151/1100	151/1325	4	Single	Gulf of St. Lawrence	Klein 531T	Klein System
5	151/1314	151/1540	5,6	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
3	151/1326	151/1400	5	Single	Gulf of St. Lawrence	Klein 531T	Klein System
5	151/1401	151/1746	6	Single	Gulf of St. Lawrence	Klein 531	BIO System
4	151/1405	151/1644	6	Single	Gulf of St. Lawrence	Klein 531T	Klein System
6	151/1542	152/0517	6	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
5	151/1645	151/2140	6	Single	Gulf of St. Lawrence	Klein 531T	Klein System
6	151/1751	152/0000	6	Single	Gulf of St. Lawrence	Klein 531	BIO System
7	152/0349	152/0703	6,7	Single	Gulf of St. Lawrence	Klein 531	BIO System
6	152/0440	152/0629	6,7	Single	Gulf of St. Lawrence	Klein 531T	Klein System
7	152/0520	152/1147	7	Combined	Gulf of St. Lawrence	EPC 4800	BIO System

SIDESCAN RECORD INVENTORY 89-008 Phase I (Continued)

ROLL #	START DAY/TIM	STOP DAY/TIME	LINE #	RECORD TYPE	GEOGRAPHIC AREA	RE-CORDER	SIDESCAN SYSTEM
8	152/1148	152/2020	8	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
9	152/2025	153/0325	8	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
8	152/2210	153/0325	8	Single	Gulf of St. Lawrence	Klein 531	BIO System
7	152/2300	153/0325	8	Single	Gulf of St. Lawrence	Klein 531T	Klein System
10	153/0325	153/1355	9	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
8	153/0326	153/0530	9	Single	Gulf of St. Lawrence	Klein 531T	Klein System
9	153/0327	153/0557	9	Single	Gulf of St. Lawrence	Klein 531	BIO System
10	153/1152	153/1353	9	Single	Gulf of St. Lawrence	Klein 531	BIO System
9	153/1245	153/1359	9	Single	Gulf of St. Lawrence	Klein 531T	Klein System
11	153/1354	153/1541	10	Single	Gulf of St. Lawrence	Klein 531	BIO System
11	153/1400	153/1615	10	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
10	153/1400	153/1535	10	Single	Gulf of St. Lawrence	Klein 531T	Klein System
12	153/1616	153/2215	10	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
13	153/2217	154/1027	11	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
12	154/0640	154/1027	11	Single	Gulf of St. Lawrence	Klein 531	BIO System
11	154/0705	154/1008	11	Single	Gulf of St. Lawrence	Klein 531T	Klein System
12	154/1010	154/1350	12	Single	Gulf of St. Lawrence	Klein 531T	Klein System
14	154/1028	154/1727	12	Single	Gulf of St. Lawrence	EPC 4800	BIO System
13	154/1028	154/1727	12	Single	Gulf of St. Lawrence	Klein 531	BIO System
14	154/1730	154/2042	12,13	Single	Gulf of St. Lawrence	Klein 531	BIO System
13	154/2020	155/0100	13,14	Single	Gulf of St. Lawrence	Klein 531T	Klein System
15	154/2044	154/2250	13,14	Single	Gulf of St. Lawrence	EPC 4100	BIO System
16	154/2236	155/0605	14	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
16	154/2300	155/0100	14	Single	Gulf of St. Lawrence	Klein 531	BIO System
17	155/0320	155/0925	14	Single	Gulf of St. Lawrence	Klein 531	BIO System
14	155/0548	155/0925	14	Single	Gulf of St. Lawrence	Klein 531	Klein System
17	155/0606	155/1151	14,15	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
18	155/0925	155/1635	15,16	Single	Gulf of St. Lawrence	Klein 531	BIO System
15	155/0925	155/1200	15,16	Single	Gulf of St. Lawrence	Klein 531T	Klein System
18	155/1152	155/1550	16	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
19	155/1551	155/2359	17	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
19	155/1640	156/0000	17	Single	Gulf of St. Lawrence	Klein 531	BIO System

SIDESCAN RECORD INVENTORY 89-008 Phase I (Continued)

ROLL #	START DAY/TIM	STOP DAY/TIME	LINE #	RECORD TYPE	GEOGRAPHIC AREA	RE-CORDER	SIDESCAN SYSTEM
20	156/0000	156/1040	18,19	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
20	156/0900	150/1610	19,20,21	Single	Gulf of St. Lawrence	EPC 4800	BIO System
21	156/1041	156/2100	20,21,22	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
22	156/2111	157/0220	22	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
21	157/0125	157/0438	22	Single	Gulf of St. Lawrence	Klein 531	BIO System
23	157/0300	157/1108	22	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
22	157/0807	157/1410	22	Single	Gulf of St. Lawrence	Klein 531	BIO System
24	157/1145	157/2315	22,23	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
23	157/1412	157/1803	23	Single	Gulf of St. Lawrence	Klein 531	BIO System
1	157/1444	157/2322	23	Single	Gulf of St. Lawrence	Klein 531	Huntec System
24	157/1805	157/1933	23	Single	Gulf of St. Lawrence	Klein 531	BIO System
25	157/2200	158/0623	23,24,25	Single	Gulf of St. Lawrence	Klein 531	BIO System
25	157/2320	158/0404	24	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
2	157/2324	158/0404	24	Single	Gulf of St. Lawrence	Klein 531	Huntec System
26	158/0405	158/0755	25	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
3	158/0405	158/0852	25	Single	Gulf of St. Lawrence	Klein 531	Huntec System
26	158/0718	158/1150	25,26,27	Single	Gulf of St. Lawrence	Klein 531	BIO System
27	158/0756	158/1259	26,27	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
4	158/0855	158/1553	26,27,28	Single	Gulf of St. Lawrence	Klein 531	Huntec System
27	158/1155	158/1909	27,28,29	Single	Gulf of St. Lawrence	Klein 531	BIO System
28	158/1300	158/1900	28,29	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
5	158/1554	158/2230	29,30,31	Single	Gulf of St. Lawrence	Klein 531	Huntec System
29	158/1905	159/0100	30,31	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
28	158/1910	159/0205	30,31	Single	Gulf of St. Lawrence	Klein 531	BIO System
6	158/2232	159/0150	31	Single	Gulf of St. Lawrence	Klein 531	Huntec System
30	159/0102	160/1011	31-34	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
31	159/0250	159/2012	31,32	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
29	159/1246	159/1442	32	Single	Gulf of St. Lawrence	Klein 531	BIO System
32	160/1530	161/0933	35,36	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
7	160/2250	161/0325	35	Single	Gulf of St. Lawrence	Klein 531	Huntec System
30	160/2300	161/0320	35	Single	Gulf of St. Lawrence	Klein 531	BIO System
8	161/0325	161/0815	36	Single	Gulf of St. Lawrence	Klein 531	Huntec System

SIDESCAN RECORD INVENTORY 89-008 Phase I (Continued)

ROLL #	START DAY/TIM	STOP DAY/TIME	LINE #	RECORD TYPE	GEOGRAPHIC AREA	RE-CORDER	SIDESCAN SYSTEM
33	161/0940	161/1250	36	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
34	161/0940	161/1250	36	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
32	161/1200	162/1700	37-41	Single	Gulf of St. Lawrence	Klein 531	BIO System
9	161/1743	161/2031	37,38	Single	Gulf of St. Lawrence	Klein 531	Huntec System
31	161/1806	161/2135	37,38	Single	Gulf of St. Lawrence	Klein 531	BIO System
35	161/1929	162/0239	38	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
36	162/0242	162/0645	39,40	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
37	162/0647	162/0904	40,41	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
38	162/0905	162/1700	41	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
39	162/2300	163/1030	42,43	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
33	163/0505	163/1145	42,43	Single	Gulf of St. Lawrence	Klein 531	BIO System
16	163/0555	163/1145	42,43	Single	Gulf of St. Lawrence	Klein 531T	Klein System
40	163/1030	163/1142	43	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
41	163/1143	163/1922	44	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
17	163/1146	163/1520	44	Single	Gulf of St. Lawrence	Klein 531T	Klein System
34	163/1152	163/2018	44,45	Single	Gulf of St. Lawrence	Klein 531	BIO System
18	163/1521	163/1840	44	Single	Gulf of St. Lawrence	Klein 531T	Klein System
42	163/1920	164/0420	45	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
19	163/1927	163/2259	45	Single	Gulf of St. Lawrence	Klein 531T	Klein System
35	163/2020	164/0238	45	Single	Gulf of St. Lawrence	Klein 531	BIO System
20	163/2300	164/0420	45	Single	Gulf of St. Lawrence	Klein 531T	Klein System
36	164/0240	164/1000	45,46	Single	Gulf of St. Lawrence	Klein 531	BIO System
21	164/0421	164/0753	46	Single	Gulf of St. Lawrence	Klein 531T	Klein System
43	164/0428	164/0715	46	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
44	164/0718	164/1150	46	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
22	164/0754	164/1223	46,47	Single	Gulf of St. Lawrence	Klein 531T	Klein System
37	164/1110	164/1212	46,47	Single	Gulf of St. Lawrence	Klein 531	BIO System
45	164/1155	164/1555	48	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
23	164/1223	164/1554	47	Single	Gulf of St. Lawrence	Klein 531T	Klein System
24	164/1555	164/2035	48	Single	Gulf of St. Lawrence	Klein 531T	Klein System
46	164.1558	164/2248	48,49	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
10	164/1925	164/2120	48,49	Single	Gulf of St. Lawrence	Klein 531	Huntec System

SIDESCAN RECORD INVENTORY 89-008 Phase I (Continued)

ROLL #	START DAY/TIM	STOP DAY/TIME	LINE #	RECORD TYPE	GEOGRAPHIC AREA	RE-CORDER	SIDESCAN SYSTEM
25	164/2045	165/0400	49,50	Single	Gulf of St. Lawrence	Klein 531T	Klein System
38	164/2130	165/0230	49,50	Single	Gulf of St. Lawrence	Klein 531	BIO System
47	164/2250	165/0703	55	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
39	165/0231	165/0730	50	Single	Gulf of St. Lawrence	Klein 531	BIO System
26	165/0401	165/1040	46	Single	Gulf of St. Lawrence	Klein 531T	Klein System
48	165/0708	165/1700	50,51	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
40	165/0735	165/1330	50,51	Single	Gulf of St. Lawrence	EPC 4800	BIO System
27	165/1044	165/1500	51	Single	Gulf of St. Lawrence	Klein 531T	Klein System
41	165/1335	165/1830	51	Single	Gulf of St. Lawrence	EPC 4800	BIO System
28	165/1501	165/1830	51	Single	Gulf of St. Lawrence	Klein 531T	Klein System
49	165/1701	166/0135	51	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
11	166/0005	166/0303	51,52	Single	Gulf of St. Lawrence	Klein 531	Huntec System
50	166/0143	166/0343	52	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
29	166/0153	166/0247	52	Single	Gulf of St. Lawrence	Klein 531T	Klein System
51	166/0348	166/1519	52	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
42	166/1210	166/1853	52,53	Single	Gulf of St. Lawrence	Klein 531	BIO System
30	166/1350	166/1747	52,53	Single	Gulf of St. Lawrence	Klein 531T	Klein System
52	166/1520	166/2200	53,54	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
31	166/1753	167/0100	53,54,55	Single	Gulf of St. Lawrence	Klein 531T	Klein System
43	166/1855	167/0050	54,55	Single	Gulf of St. Lawrence	Klein 531	BIO System
53	166/2201	167/0156	55	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
54	167/0158	167/0937	56,57	Combined	Gulf of St. Lawrence	EPC 4800	BIO System
44	167/0355	167/0937	56,57	Single	Gulf of St. Lawrence	Klein 531	BIO System
32	167/0438	167/0903	56,67	Single	Gulf of St. Lawrence	Klein 531T	Klein System
33	167/0937	167/1200	58	Single	Gulf of St. Lawrence	Klein 531T	Klein System
45	167/0938	167/1445	58	Single	Gulf of St. Lawrence	Klein 531	BIO System
34	167/1201	167/1600	58	Single	Gulf of St. Lawrence	Klein 531T	Klein System
46	167/1447	167/1600	58	Single	Gulf of St. Lawrence	Klein 531	BIO System
47	167/1925	168/0255	60	Single	Gulf of St. Lawrence	Klein 531	BIO System
35	167/1942	167/2248	59,60	Single	Gulf of St. Lawrence	Klein 531T	Klein System
36	167/2250	168/0230	60	Single	Gulf of St. Lawrence	Klein 531T	Klein System
37	168/0231	168/0600	60,61	Single	Gulf of St. Lawrence	Klein 531T	Klein System

SIDESCAN RECORD INVENTORY 89-008 Phase I (Continued)

ROLL #	START DAY/TIM	STOP DAY/TIME	LINE #	RECORD TYPE	GEOGRAPHIC AREA	RE-CORDER	SIDESCAN SYSTEM
48	168/0259	168/1014	60,61	Single	Gulf of St. Lawrence	Klein 531	BIO System
38	168/0601	168/0945	61	Single	Gulf of St. Lawrence	Klein 531T	Klein System
39	168/0950	168/1436	61,62	Single	Gulf of St. Lawrence	Klein 531T	Klein System
49	168/1016	168/1444	61,62	Single	Gulf of St. Lawrence	Klein 531	BIO System
40	168/1443	168/1930	62,63	Single	Gulf of St. Lawrence	Klein 531T	Klein System
50	168/1445	168/2025	62,63	Single	Gulf of St. Lawrence	Klein 531	BIO System
41	168/1931	168/2345	63	Single	Gulf of St. Lawrence	Klein 531T	Klein System
51	168/2028	169/0333	63,64	Single	Gulf of St. Lawrence	Klein 531	BIO System
42	168/2347	169/0430	64	Single	Gulf of St. Lawrence	Klein 531T	Klein System
52	169/0330	169/0828	64	Single	Gulf of St. Lawrence	Klein 531	BIO System
43	169/0431	169/0825	64	Single	Gulf of St. Lawrence	Klein 531T	Klein System
44	169/0826	169/1136	65	Single	Gulf of St. Lawrence	Klein 531T	Klein System
53	169/0829	169/1516	65	Single	Gulf of St. Lawrence	Klein 531	BIO System
45	169/1203	169/1535	65	Single	Gulf of St. Lawrence	Klein 531T	Klein System
54	169/1517	169/2200	65,66,67	Single	Gulf of St. Lawrence	Klein 531	BIO System
46	169/1537	169/2200	66,67	Single	Gulf of St. Lawrence	Klein 531T	Klein System

SEISMICS/HUNTEC/SIDESCAN COMBINED ON-LINE DATA TAPES 89-008 Phase I

TAPE #	START DAY/TIM	STOP DAY/TIME	GEOGRAPHIC AREA	CHANNEL INFO	NOTES
1	150/1600	150/1849	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
2	150/1847	150/2151	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
3	150/2151	151/0041	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
4	151/0043	151/0331	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
5	151/0332	151/0625	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
6	151/0626	151/0919	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
7	151/0917	151/1148	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
8	151/1148	151/1438	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
9	151/1444	151/1738	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
10	151/1739	151/2030	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
11	151/2030	151/2319	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800

SEISMICS/HUNTEC/SIDESCAN COMBINED ON-LINE DATA TAPES 89-008 Phase I (Continued)

TAPE #	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC AREA	CHANNEL INFO	NOTES
12	151/2320	152/0212	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
13	152/0212	152/0500	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
14	152/0500	152/0750	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
15	152/0750	152/1040	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
16	152/1040	152/1331	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
17	152/1333	152/1626	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
18	152/1628	152/1915	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
19	152/1915	152/2205	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
20	152/2205	153/0058	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
21	153/0100	153/0351	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
22	53/0352	153/0643	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800

SEISMICS/HUNTEC/SIDESCAN COMBINED ON-LINE DATA TAPES 89-008 Phase I (Continued)

TAPE #	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC AREA	CHANNEL INFO	NOTES
23	153/0644	153/0930	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
24	153/0930	153/1221	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
25	153/1221	153/1507	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
26	153/1508	153/1756	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
27	153/1757	153/2045	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
28	153/2045	153/2339	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
29	153/2341	154/0233	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
30	154/0234	154/0514	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
31	154/0515	154/0805	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
32	154/0805	154/1058	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
33	154/1059	154/1347	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800

SEISMICS/HUNTEC/SIDESCAN COMBINED ON-LINE DATA TAPES 89-008 Phase I (Continued)

TAPE #	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC AREA	CHANNEL INFO	NOTES
34	154/1348	154/1636	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
35	154/1637	154/1925	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
36	154/1925	154/2215	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
37	154/2215	155/0110	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
38	155/0112	155/0402	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
39	155/0403	155/0651	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
40	155/0652	155/0940	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
41	155/0940	155/1233	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
42	155/1235	155/1525	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
43	155/1526	155/1815	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
44	155/1816	155/2105	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800

SEISMICS/HUNTEC/SIDESCAN COMBINED ON-LINE DATA TAPES 89-008 Phase I (Continued)

TAPE #	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC AREA	CHANNEL INFO	NOTES
45	155/2105	155/2354	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
46	155/2356	156/0250	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
47	156/0251	156/0522	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
48	156/0523	156/0805	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
49	156/0805	156/1055	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
50	156/1055	156/1345	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
51	156/1346	156/1615	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
52	156/1651	156/1940	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
53	156/1940	156/2230	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
54	156/2230	157/0127	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
55	157/0128	157/0415	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800

SEISMICS/HUNTEC/SIDESCAN COMBINED ON-LINE DATA TAPES 89-008 Phase I (Continued)

TAPE #	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC AREA	CHANNEL INFO	NOTES
56	157/0416	157/0705	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
57	157/0705	157/0957	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
58	157/0957	157/1248	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
59	157/1251	157/1544	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
60	157/1546	157/1835	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
61	157/1836	157/2125	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
62	157/2125	158/0019	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
63	158/0020	158/0310	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
64	158/0311	158/0600	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
65	158/0601	158/0850	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
66	158/0850	158/1144	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800

SEISMICS/HUNTEC/SIDESCAN COMBINED ON-LINE DATA TAPES 89-008 Phase I (Continued)

TAPE #	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC AREA	CHANNEL INFO	NOTES
67	158/1146	158/1438	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
68	158/1439	158/1730	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
69	158/1731	158/2031	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
70	158/2031	158/2324	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
71	158/2327	159/0216	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
72	159/0217	159/0505	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
73	159/0506	159/0755	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
74	159/0755	159/1234	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
75	159/1236	159/1522	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
76	159/1523	159/1812	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
77	159/1813	159/2100	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800

SEISMICS/HUNTEC/SIDESCAN COMBINED ON-LINE DATA TAPES 89-008 Phase I (Continued)

TAPE #	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC AREA	CHANNEL INFO	NOTES
78	159/2100	159/2352	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
79	159/2352	160/0244	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
80	160/0245	160/0530	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
81	160/0531	160/0820	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
82	160/0820	160/1605	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
83	160/1605	160/1855	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
84	160/1856	160/2149	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
85	160/2150	161/0056	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
86	161/0057	161/0345	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
87	161/0346	161/0634	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
88	161/0635	161/0924	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800

SEISMICS/HUNTEC/SIDESCAN COMBINED ON-LINE DATA TAPES 89-008 Phase I (Continued)

TAPE #	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC AREA	CHANNEL INFO	NOTES
89	161/0924	161/1218	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
90	161/1223	161/1513	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
91	161/1514	161/1806	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
92	161/1514	161/2056	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
93	161/2057	162/0001	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
94	162/0002	162/0253	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
95	162/0254	162/0545	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
96	162/0546	162/0834	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
97	162/0836	162/1124	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
98	162/1126	162/1430	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
99	162/1432	162/1730	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800

SEISMICS/HUNTEC/SIDESCAN COMBINED ON-LINE DATA TAPES 89-008 Phase I (Continued)

TAPE #	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC AREA	CHANNEL INFO	NOTES
100	162/2309	163/0156	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
101	163/0158	163/0445	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
102	163/0446	163/0738	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
103	163/0740	163/1032	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
104	163/1033	163/1323	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
105	163/1324	163/1615	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
106	163/1619	163/1920	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
107	163/1921	163/2219	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
108	163/2220	164/0111	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
109	164/0112	164/0401	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
110	164/0402	164/0650	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800

SEISMICS/HUNTEC/SIDESCAN COMBINED ON-LINE DATA TAPES 89-008 Phase I (Continued)

TAPE #	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC AREA	CHANNEL INFO	NOTES
111	164/0650	164/0942	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
112	164/0942	164/1202	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
113	164/1203	164/1456	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
114	164/1457	164/1747	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
115	164/1748	164/2035	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
116	164/2035	164/2327	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
117	164/2327	165/0219	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
118	165/0219	165/0510	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
119	165/0511	165/0801	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
120	165/0802	165/1048	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
121	165/1048	165/1400	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800

SEISMICS/HUNTEC/SIDESCAN COMBINED ON-LINE DATA TAPES 89-008 Phase I (Continued)

TAPE #	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC AREA	CHANNEL INFO	NOTES
122	165/1401	165/1703	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
123	165/1704	165/1951	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
124	165/1951	165/2240	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
125	165/2241	166/0133	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
126	166/0134	166/0425	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
127	166/0426	166/0714	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
128	166/0715	166/1002	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
129	166/1003	166/1253	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
130	166/1253	166/1600	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
131	166/1601	166/1853	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
132	166/1854	166/2143	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800

SEISMICS/HUNTEC/SIDESCAN COMBINED ON-LINE DATA TAPES 89-008 Phase I (Continued)

TAPE #	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC AREA	CHANNEL INFO	NOTES
133	166/2144	165/0032	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
134	167/0034	167/0321	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
135	167/0321	167/0613	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
136	167/0614	167/0905	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
137	167/0905	167/1223	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
138	167/1223	167/1519	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
139	167/1519	167/1810	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
140	167/1811	167/2059	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
141	167/2100	167/2353	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
142	167/2354	168/0247	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
143	168/0250	168/0535	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800

SEISMICS/HUNTEC/SIDESCAN COMBINED ON-LINE DATA TAPES 89-008 Phase I (Continued)

TAPE #	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC AREA	CHANNEL INFO	NOTES
144	168/0536	168/0828	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
145	168/0828	168/1126	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
146	168/1127	168/1421	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
147	168/1422	168/1709	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
148	168/1710	168/2000	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
149	168/2001	168/2255	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
150	168/2257	169/0201	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
151	169/0202	169/0452	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
152	169/0453	169/0741	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
153	169/0741	169/1031	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
154	169/1033	169/1321	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800

SEISMICS/HUNTEC/SIDESCAN COMBINED ON-LINE DATA TAPES 89-008 Phase I (Continued)

TAPE #	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC AREA	CHANNEL INFO	NOTES
155	169/1323	169/1613	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
156	169/1614	169/1902	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
157	169/1903	169/2156	Gulf of St. Lawrence	Ch 1-3 = Seismics (Raw-Trigger-Filter) Ch 4-6 = DTS (Internal-Trigger-External) Ch 7-8 = Klein (Left-Reference-Right) Ch 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800

BATHYMETRY RECORD INVENTORY 89-008 Phase II

ROLL #	START DAY/TIME	STOP DAY/TIME	FREQUENCY	LINE #	GEOGRAPHIC AREA	RECORDER
1	171/0015	171/1447	12 kHz	1,2	Off Country Harbour	LSR
2	171/2020	172/0310	12 kHz	3	Off Country Harbour	LSR
3	172/0725	172/2155	12 kHz	4,5,6	Emerald Basin Area	LSR
4	173/0300	173/1012	12 kHz	7	Emerald Basin Area	LSR
5	173/1025	174/0050	12 kHz	7,8,9	Emerald Basin Area	LSR

SEISMIC RECORD INVENTORY 89-008 Phase II

ROLL #	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE #	RECORD TYPE	GEOGRAPHIC AREA	RECORDER	SYSTEM/SOUND SOURCE
34	171/0643	171/1420	NSRF 25'	1,2	Single	Off Country Harbour	LSR	AGC System Sleeve Gun
63	171/0700	171/1427	SE 100'	1,2	Combined	Off Country Harbour	EPC 4800	AGC System Sleeve Gun
35	171/2023	172/0307	NSRF 25'	3	Single	Off Country Harbour	LSR	AGC System Sleeve Gun
64	171/2030	172/0310	SE 100'	3	Combined	Off Country Harbour	EPC 4800	AGC System Sleeve Gun
35	172/0726	172/1854	NSRF 25'	4,5,6	Single	Emerald Basin Area	LSR	AGC System Sleeve Gun
65	172/0735	172/2200	SE 100'	4,5,6	Combined	Emerald Basin Area	EPC 4800	AGC System Sleeve Gun
37	172/1903	172/2155	NSRF 25'	6	Single	Emerald Basin Area	LSR	AGC System Sleeve Gun
66	173/0332	173/1200	SE 100'	7	Combined	Emerald Basin Area	EPC 4800	AGC System Sleeve Gun
38	173/0437	173/1430	NSRF 25'	7	Single	Emerald Basin Area	LSR	AGC System Sleeve Gun
67	173/1209	174/0035	SE 100'	7,8,9	Combined	Emerald Basin Area	EPC 4800	AGC System Sleeve Gun
39	173/2225	174/0035	NSRF 25'	9	Single	Emerald Basin Area	LSR	AGC System Sleeve Gun

SIDESCAN RECORD INVENTORY 89-008 Phase II

ROLL #	START DAY/TIME	STOP DAY/TIME	LINE #	RECORD TYPE	GEOGRAPHIC AREA	RECORDER	SIDESCAN SYSTEM
63	171/0700	171/1427	1,2	Combined	Off Country Harbour	EPC 4800	BIO System
55	171/0704	171/1422	1,2	Single	Off Country Harbour	Klein 531	BIO System
64	171/2030	172/0310	3	Combined	Off Country Harbour	EPC 4800	BIO System
56	171/2032	173/0312	3	Single	Off Country Harbour	Klein 531	BIO System
57	172/0732	172/2207	4,5,6	Single	Emerald Basin Area	Klein 531	BIO System
65	172/0735	172/2200	4,5,6	Combined	Emerald Basin Area	EPC 4800	BIO System
58	173/0330	173/1430	7	Single	Emerald Basin Area	Klein 531	BIO System
66	173/0332	173/1200	7,8	Combined	Emerald Basin Area	EPC 4800	BIO System
67	173/1209	174/0035	7,8,9	Combined	Emerald Basin Area	EPC 4800	BIO System
59	173/1435	173/1705	8	Single	Emerald Basin Area	Klein 531	BIO System
60	173/2200	174/0040	9	Single	Emerald Basin Area	Klein 531	BIO System

HUNTEC RECORDS 89-008 Phase II

ROLL #	START DAY/TIME	STOP DAY/TIME	HYDROPHONE	LINE #	RECORD TYPE	GEOGRAPHIC AREA	RECORDER	HUNTEC SYSTEM
60	171/0016	171/1427	External	1,2	Single	Off Country Harbour	EPC 4100	AGC 3
60	171/0016	171/1427	Internal	1,2	Single	Off Country Harbour	EPC 4100	AGC 3
63	171/0700	171/1427	External	1,2	Combined	Off Country Harbour	EPC 4800	AGC 3
64	171/2030	172/0310	External	3	Combined	Off Country Harbour	EPC 4800	AGC 3
64	171/2030	172/0310	External	3	Combined	Off Country Harbour	EPC 4800	AGC 3
61	171/2032	172/0031	External	3	Single	Off Country Harbour	EPC 4100	AGC 3
61	171/2032	172/0030	Internal	3	Single	Off Country Harbour	EPC 4100	AGC 3
62	172/0031	172/0312	Internal	3	Single	Off Country Harbour	EPC 4100	AGC 3
62	172/0032	172/0312	External	3	Single	Off Country Harbour	EPC 4100	AGC 3
63	172/0731	172/1237	External	4,5	Single	Emerald Basin Area	EPC 4100	AGC 3
63	172/0731	172/1237	Internal	4,5	Single	Emerald Basin Area	EPC 4100	AGC 3
65	172/0735	172/2200	External	4,5,6	Combined	Emerald Basin Area	EPC 4800	AGC 3
65	172/0735	172/2200	External	4,5,6	Combined	Emerald Basin Area	EPC 4800	AGC 3
64	172/1238	172/2200	External	6	Single	Emerald Basin Area	EPC 4100	AGC 3
64	172/1238	172/2200	Internal	6	Single	Emerald Basin Area	EPC 4800	AGC 3
65	173/0330	173/0837	External	7	Single	Emerald Basin Area	EPC 4100	AGC 3
65	173/0330	173/0822	Internal	7	Single	Emerald Basin Area	EPC 4100	AGC 3
66	173/0338	173/1200	External	7	Combined	Emerald Basin Area	EPC 4800	AGC 3
66	173/0332	173/1200	External	7	Combined	Emerald Basin Area	EPC 4800	AGC 3
66	173/0832	173/1430	Internal	7	Single	Emerald Basin Area	EPC 4100	AGC 3
66	173/0841	173/1430	External	7	Single	Emerald Basin Area	EPC 4100	AGC 3
67	173/1209	174/0035	External	8,9	Combined	Emerald Basin Area	EPC 4800	AGC 3
67	173/1435	174/0040	External	8,9	Single	Emerald Basin Area	EPC 4100	AGC 3
67	173/1435	174/0040	Internal	?,?	Single	Emerald Basin Area	EPC 4100	AGC 3

MAGNETICS RECORDS 89-008 Phase II

ROLL #	START DAY/TIME	STOP DAY/TIME	LINE #
1	150/1700	152/2120	1,2,3,4,5,6,7,8
2	152/2154	155/0920	8,9,10,11,12,13,14
3	155/0930	161/0315	15-33
4	161/0315	162/1145	36-41
5	162/1146	169/2200	41-67

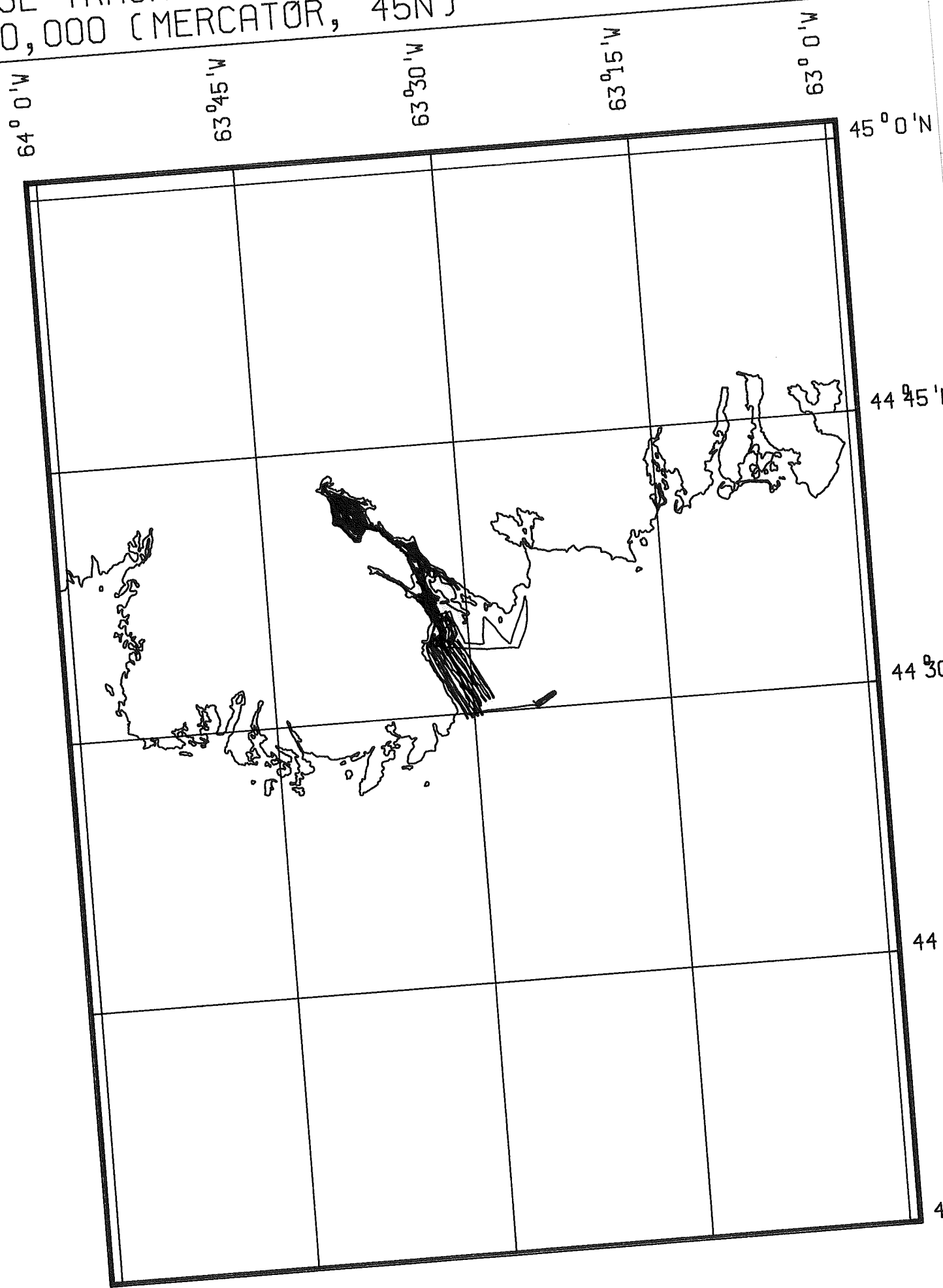
SEISMICS/HUNTEC/SIDESCAN COMBINED ON-LINE DATA TAPES 89-008 Phase II

TAPE #	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC AREA	CHANNEL INFO	NOTES
158	171/0656	171/0945	Off Country Harbour	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
159	171/0946	171/1230	Off Country Harbour	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
160	171/1232	171/2105	Off Country Harbour	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
161	171/2107	172/0020	Off Country Harbour	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
162	172/0003	172/0310	Off Country Harbour	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
163	172/0737	172/1024	Emerald Basin Area	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
164	172/1024	172/1315	Emerald Basin Area	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
165	172/1317	172/1609	Emerald Basin Area	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
166	172/1610	172/1902	Emerald Basin Area	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
167	173/1382	173/2157	Emerald Basin Area	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
168	173/0310	173/0600	Emerald Basin Area	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800

SEISMICS/HUNTEC/SIDESCAN COMBINED ON-LINE DATA TAPES 89-008 Phase II

TAPE #	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC AREA	CHANNEL INFO	NOTES
169	173/0600	173/0900	Emerald Basin Area	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
170	173/0900	173/1155	Emerald Basin Area	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
171	173/1157	173/1454	Emerald Basin Area	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
172	173/1455	173/2322	Emerald Basin Area	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800
173	173/2326	174/0043	Emerald Basin Area	CH 1-3 = Seismics (Raw-Trigger-Filtered) CH 4-6 = DTS (Internal-Trigger-External) CH 7-8 = Klein (Left-Reference-Right) CH 10-12 = BIO Sidescan (Port-Trig-Stbd)	Data Recorded on VHS Tape on an EPC 4800

CRUISE TRACKS - 89009 PHASEA.
SCALE: 500,000 (MERCATOR, 45N)



CRUISE TRACKS - 89009 PHASE A.
1:500,000 (MERCATOR, 45N)



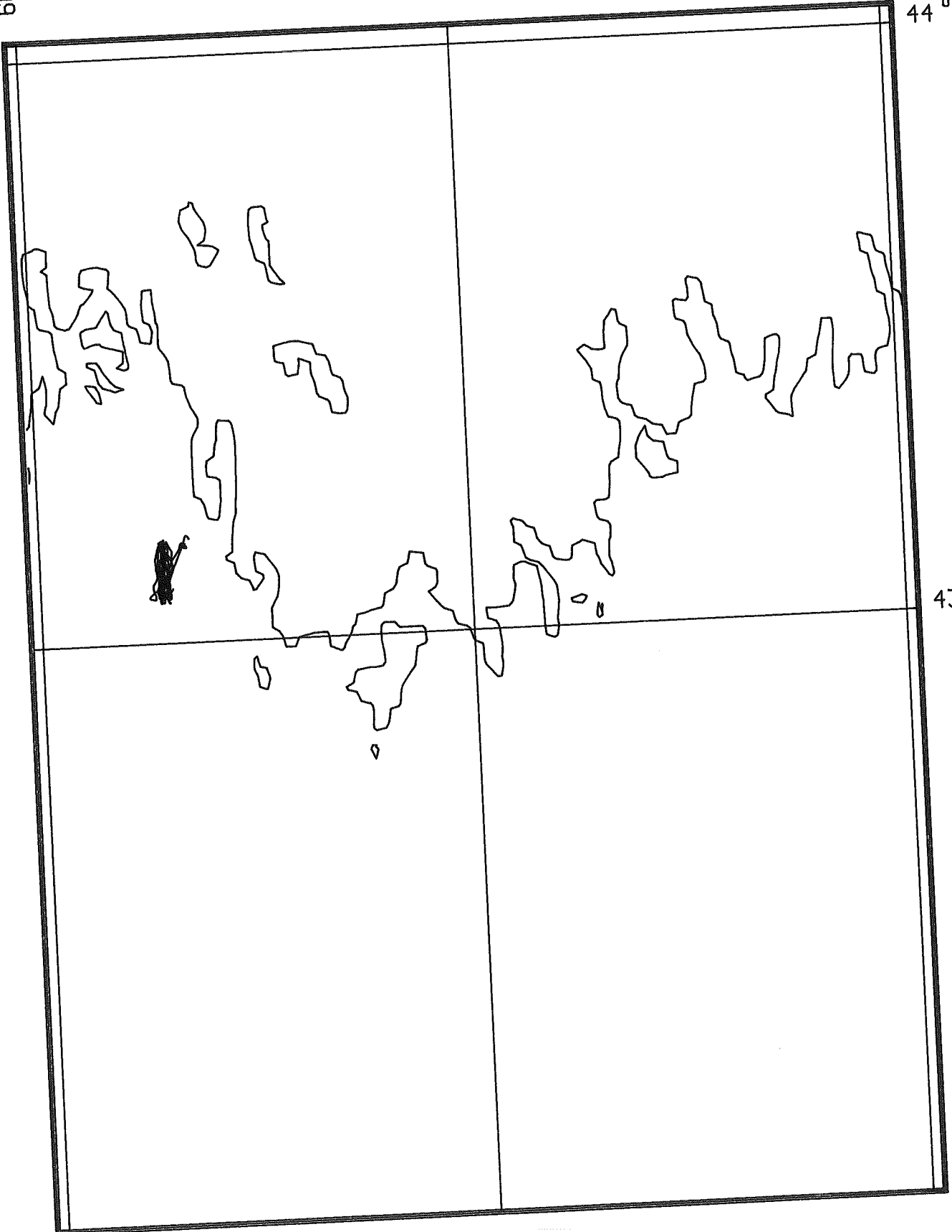
CRUISE TRACKS - 89009 PHASE B.
Scale: 1:510,000 (MERCATOR, 44N)

66° 0' W

65° 30' W

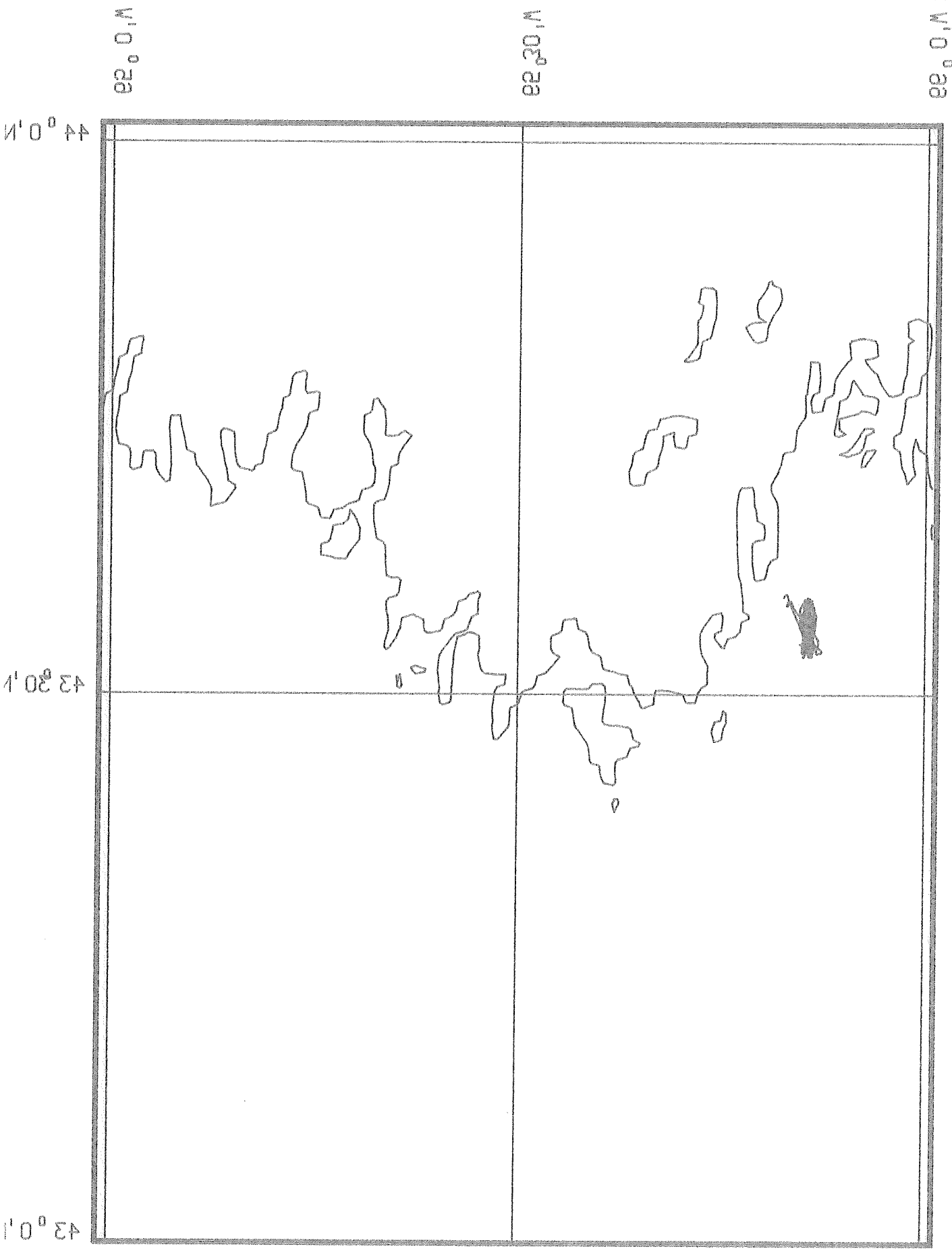
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44° 0' N



43° 30' N

43° 0' N



CRUISE TRACKS - 89009 PHASEC.
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64° 30' W

64° 15' W

64° 0' W

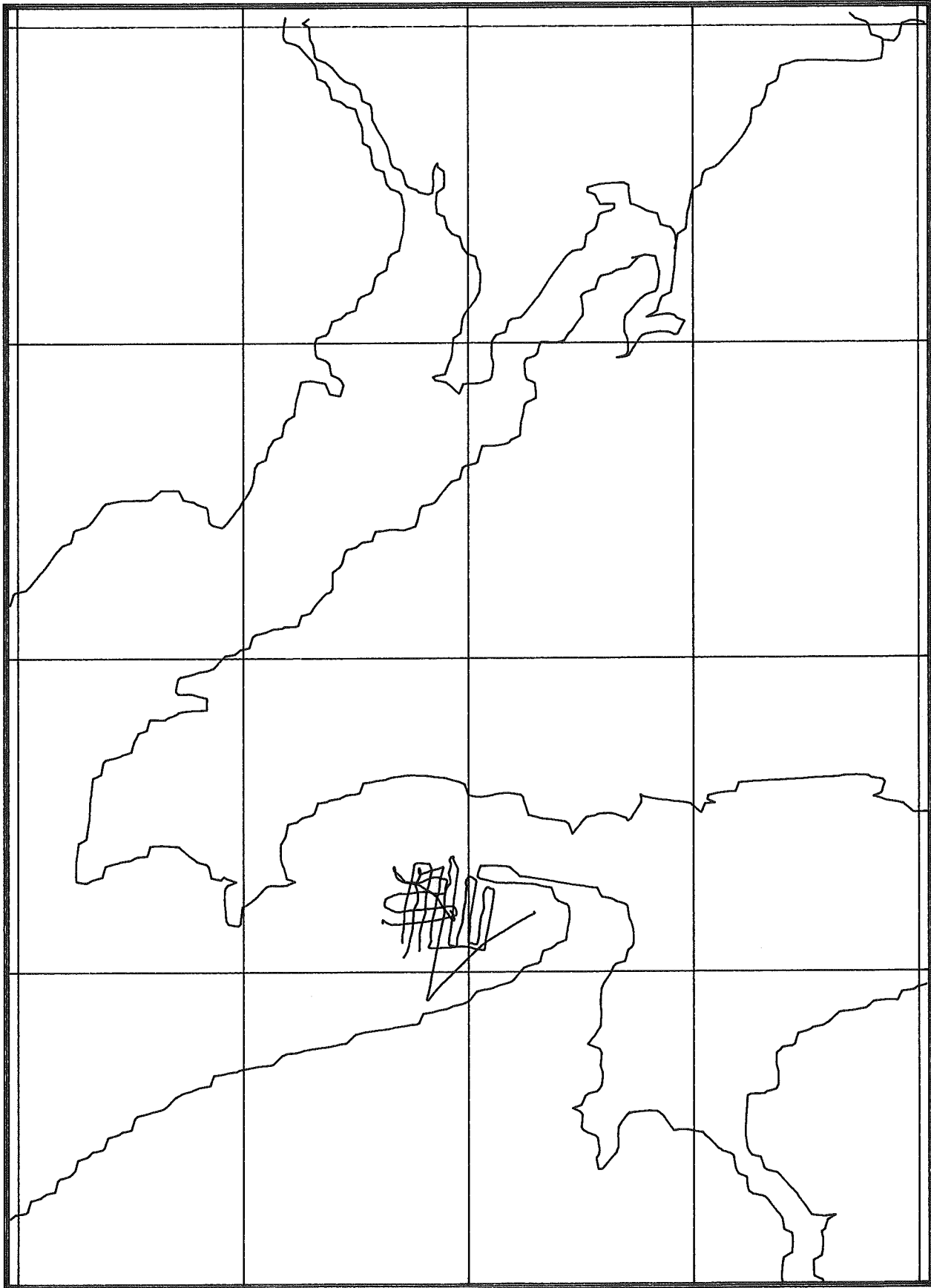
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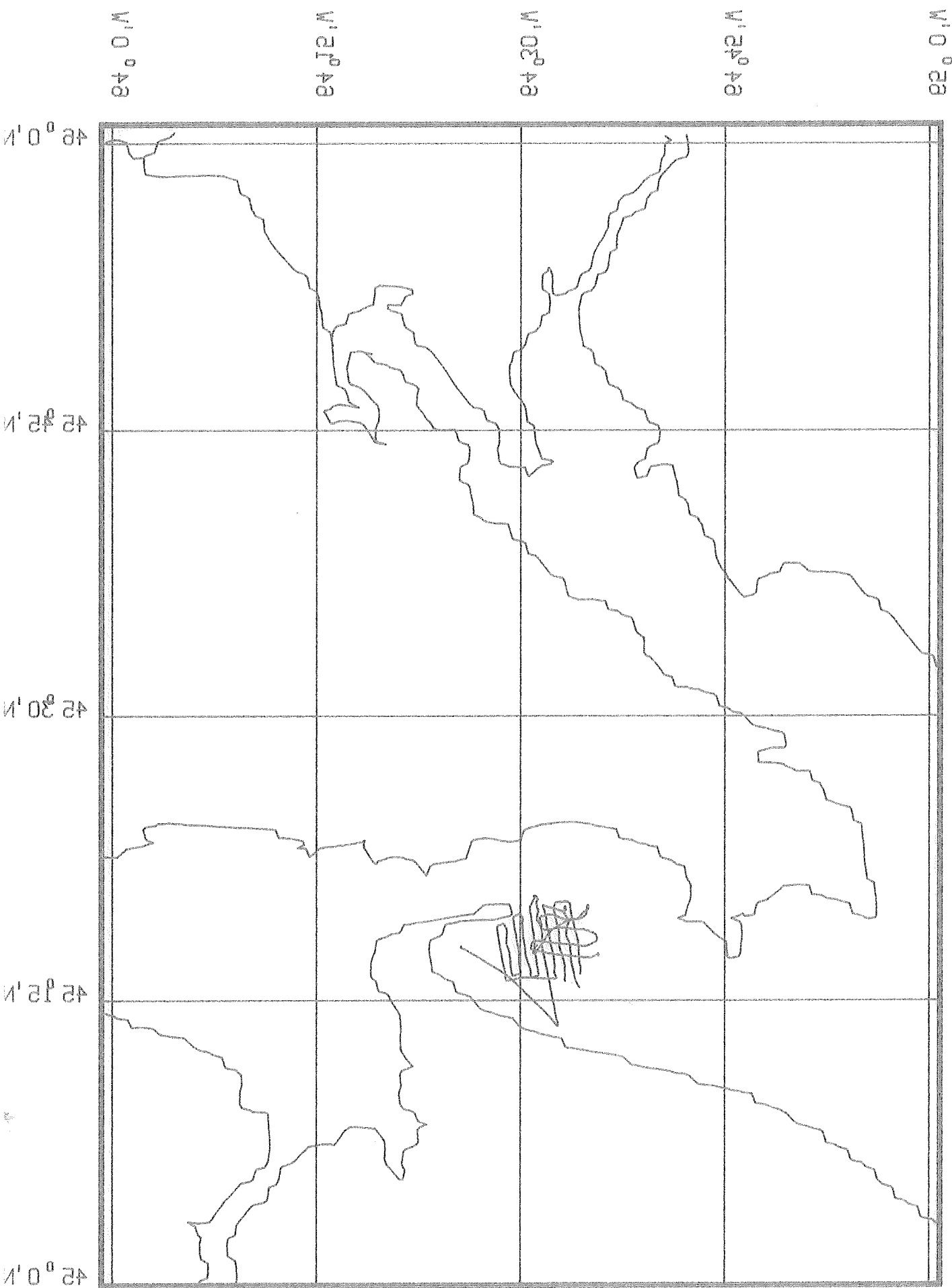
45° 45' N

45° 30' N

45° 15' N

45° 0' N





LOG BOOK INVENTORY 89-009

RECORD #	DAY	TYPE
001	149-176	General Log

RECORD INVENTORY 89-009

ROLL #	START DAY/ TIME	STOP DAY/ TIME	GEOGRAPHIC AREA
50	171/1653	171/1829	Pubnico
51	171/1829	171/2004	Pubnico
52	171/2004	171/2047	Pubnico
53	172/1152	172/1328	Pubnico
54	172/1328	172/1506	Pubnico
55	172/1506	172/1644	Pubnico
56	172/1644	172/1821	Pubnico
57	172/1821	172/2000	Pubnico
58	174/1800	174/1950	Scots Bay
59	174/1950	175/1130	Scots Bay
60	175/1130	175/1307	Scots Bay
61	175/1307	175/1443	Scots Bay
62	175/1443	175/1620	Scots Bay
63	175/1620	175/1757	Scots Bay
64	175/1757	175/1945	Scots Bay
65	175/1945	176/1133	Scots Bay
66	176/1133	176/1313	Scots Bay
67	176/1313	176/1353	Scots Bay

SIDESCAN RECORD INVENTORY 89-009

ROLL #	START DAY/ TIME	STOP DAY/ TIME	GEOGRAPHIC AREA	RECORDER
1	149/1615	149/2110	Halifax Harbour Survey	Klein
2	150/1236	150/1820	Halifax Harbour Survey	Klein
3	150/1826	150/1945	Halifax Harbour Survey	Klein
4	151/1425	151/2440	Halifax Harbour Survey	Klein
5	152/1245	152/1400	Halifax Harbour Survey	Klein
6	152/1800	152/2045	Halifax Harbour Survey	Klein
7	154/1710	154/2000	Halifax Harbour Survey	Klein
8	155/1147	155/1510	Halifax Harbour Survey	Klein
9	155/1515	155/1935	Halifax Harbour Survey	Klein
10	156/1225	156/1900	Halifax Harbour Survey	Klein
11	157/1655	157/1835	Halifax Harbour Survey	Klein
12	158/1305	158/1810	Halifax Harbour Survey	No nav.
13	159/1220	159/1325	Halifax Harbour Survey	Klein
14	160/1705	160/2045	Halifax Harbour Survey	Klein
15	163/1355	163/2005	Halifax Harbour Survey	Klein
16	165/1305	165/1955	Halifax Harbour Survey	Klein
17	166/1240	166/1800	Halifax Harbour Survey	Klein
18	166/1805	166/2045	Halifax Harbour Survey	Klein
19	168/1220	168/1640	Halifax Harbour Survey	Klein
20	168/1640	168/2025	Halifax Harbour Survey	Klein
21	169/1230	169/1925	Halifax Harbour Survey	Klein
22	171/1655	171/2045	Pubnico	Klein
23	172/1155	172/2005	Pubnico	Klein
24	174/1755	174/2000	Scotts Bay	Klein
25	175/1001	175/1600	Scotts Bay	Klein
26	175/1605	175/2005	Scotts Bay	Klein
27	176/1014	176/1405	Scotts Bay	Klein

SIDECAN RECORD INVENTORY 89-009 (Continued)

ROLL #	START DAY/ TIME	STOP DAY/ TIME	GEOGRAPHIC AREA	RECORDER
1	149/1655	151/1320	Halifax Harbour Survey	Bubble Pulser
2	151/1730	151/2240	Halifax Harbour Survey	Bubble Pulser
3	152/1250	152/2040	Halifax Harbour Survey	Bubble Pulser
4	154/1710	155/1930	Halifax Harbour Survey	Bubble Pulser
5	156/1215	156/1900	Halifax Harbour Survey	Bubble Pulser
6	157/1645	158/1800	Halifax Harbour Survey	Bubble Pulser
7	160/1540	160/2000	Halifax Harbour Survey	Bubble Pulser
8	163/1525	163/2000	Halifax Harbour Survey	Bubble Pulser
9	165/1133	165/1955	Halifax Harbour Survey	Bubble Pulser
10	166/1150	166/1925	Halifax Harbour Survey	Bubble Pulser
11	166/1930	168/2025	Halifax Harbour Survey	Bubble Pulser
12	169/1220	169/1925	Halifax Harbour Survey	Bubble Pulser
13	171/1650	171/2045	Pubnico	Bubble Pulser
14	172/1155	172/2005	Pubnico	Bubble Pulser
1	160/2010	161/1650	Halifax Harbour Survey	Seistec Boomer
2	163/1346	163/2000	Halifax Harbour Survey	Seistec Boomer
3	165/1305	165/1950	Halifax Harbour Survey	Seistec Boomer
4	166/1150	166/1935	Halifax Harbour Survey	Seistec Boomer
5	166/1939	168/2025	Halifax Harbour Survey	Seistec Boomer
6	169/1230	169/1920	Halifax Harbour Survey	Seistec Boomer
7	171/1400	171/2045	Pubnico	Seistec Boomer
8	172/1155	172/2000	Pubnico	Seistec Boomer
9	174/1800	174/2000	Scotts Bay	Seistec Boomer
10	175/1001	175/1600	Scotts Bay	Seistec Boomer
11	175/1610	175/2005	Scotts Bay	Seistec Boomer
12	176/1019	176/1405	Scotts Bay	Seistec Boomer

HUNTEC SEA OTTER RECORD INVENTORY 89-009

ROLL #	START DAY/ TIME	STOP DAY/ TIME	GEOGRAPHIC AREA
1	149/1620	149/2051	Halifax Harbour Survey
2	150/1245	151/1320	Halifax Harbour Survey
3	151/1720	151/2240	Halifax Harbour Survey
4	152/1250	152/2040	Halifax Harbour Survey
5	154/1710	155/1930	Halifax Harbour Survey
6	156/1215	156/1900	Halifax Harbour Survey
7	157/1655	158/1805	Halifax Harbour Survey
8	160/1500	160/1735	Halifax Harbour Survey

ELAC 30 kHz EPC RECORD INVENTORY 89-009

ROLL #	START DAY/ TIME	STOP DAY/ TIME	FREQUENCY	RECORDER	
1	154/1647	154/1905	30 kHz	ELAC	
2	154/1915	155/1520	30 kHz	ELAC	
3	155/1530	155/1935	30 kHz	ELAC	
4	156/1225	156/1710	30 kHz	ELAC	
5	156/1720	156/1925	30 kHz	ELAC	
6	157/1505	157/1730	30 kHz	ELAC	
7	157/1830	158/1400	30 kHz	ELAC	
8	158/1410	158/1805	30 kHz	ELAC	
9	159/1250	160/1855	30 kHz	ELAC	
10	160/1905	160/2045	30 kHz	ELAC	
1	149/1610	149/1935	30 kHz	ELAC	Bridge
2A/2B	151/1715	156/1800	30 kHz	ELAC	Bridge
3	157/1655	164/1356	30 kHz	ELAC	Bridge
4	165/1300	171/1951	30 kHz	ELAC	Bridge
5	171/2020	175/1320	30 kHz	ELAC	Bridge
6	175/1340	176/1917	30 kHz	ELAC	Bridge

SIDESCAN TAPE INVENTORY 89-009

TAPE #	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	NOTES
1				test tape - no data
2	150/1646	150/1840	Bedford Basin	
3	150/1848	150/1944	Bedford Basin	
4	151/1731	151/1906	Bedford Basin	
5	151/1911	151/2046	Bedford Basin	
6	151/2049	151/2210	Bedford Basin	
7	151/2227	152/1338	Bedford Basin	not continuous time
8	152/1802	152/1938	Bedford Basin	
9	152/1938	154/1747	Bedford Basin; Narrows	not continuous time
10	154/1747	154/1926	Narrows; Halifax Hbr.	
11	154/1927	155/1313	Narrows; Halifax Hbr.	not continuous time
12	155/1315	155/1451	Narrows; Halifax Hbr.	
13	155/1452	155/1632	Narrows; Halifax Hbr.	
14	155/1633	155/1814	Narrows; Halifax Hbr.	
15	155/1816	156/1247	Narrows; Halifax Hbr.	not continuous time
16	156/1259	156/1433	Narrows; Halifax Hbr.	
17	156/1434	156/1609	Narrows; Halifax Hbr.	
18	156/1609	156/1745	Narrows; Halifax Hbr.	
19	156/1747	156/1900	Narrows; Halifax Hbr.	
20	157/1700	157/1830	Northwest Arm	
21	157/1840	158/1410	N.W. Arm, Outer Hbr.	not continuous time
22	158/1411	158/1547	Outer Harbour	
23	158/1548	158/1725	Outer Harbour	
24	158/1725	159/1253	Outer Harbour	not continuous time
25	159/1254	160/1836	Outer Harbour	not continuous time
26	160/1837	160/2007	Outer Harbour	
27	160/2020	163/1507	Outer Harbour	not continuous time
28	163/1507	163/1644	Outer Harbour	
29	163/1647	163/1826	Outer Harbour	Chan. #4: Seistec Boomer
30	163/1828	163/1957	Outer Harbour	Chan. #4: Seistec Boomer
31	165/1306	165/1442	Outer Harbour	Chan. #4: Seistec Boomer
32	165/1442	165/1633	Outer Harbour	Chan. #4: Seistec Boomer

SIDESCAN TAPE INVENTORY 89-009 (Continued)

TAPE #	START DAY/TIME	STOP DAY/TIME	GEOGRAPHIC LOCATION	NOTES
33	165/1634	165/1810	Outer Harbour	Chan. #4: Seistec Boomer
34	165/1811	165/1949	Outer Harbour	Chan. #4: Seistec Boomer
35	166/1250	166/1428	Outer Harbour	Chan. #4: Seistec Boomer
36	16?/1428	166/????	Outer Harbour	Chan. #4: Seistec Boomer
37	166/1607	166/1747	Outer Harbour	Chan. #4: Seistec Boomer
38	166/1747	166/1930	Outer Harbour	Chan. #4: Seistec Boomer
39	166/1930	166/2043	Outer Harbour	Chan. #4: Seistec Boomer
40	168/1224	168/1359	Outer Harbour	Chan. #4: Seistec Boomer
41	168/1359	168/1549	Outer Harbour	Chan. #4: Seistec Boomer
42	168/1549	168/1726	Outer Harbour	Chan. #4: Seistec Boomer
43	168/1726	168/1903	Outer Harbour	Chan. #4: Seistec Boomer
44	168/1903	168/2026	Outer Harbour	Chan. #4: Seistec Boomer
45	169/1232	169/1407	Outer Harbour	Chan. #4: Seistec Boomer
46	169/1407	169/1544	Outer Harbour	Chan. #4: Seistec Boomer
47	169/1544	169/1730	Outer Harbour	Chan. #4: Seistec Boomer
48	169/1730	169/1905	Inner Harbour	Chan. #4: Seistec Boomer
49	169/1905	169/1920	Narrows	Chan. #4: Seistec Boomer

CRUISE TRACKS - 89014.
: 835,000 (MERCATOR, 54N)

61° 0' W

60° 30' W

60° 0' W

59° 30' W

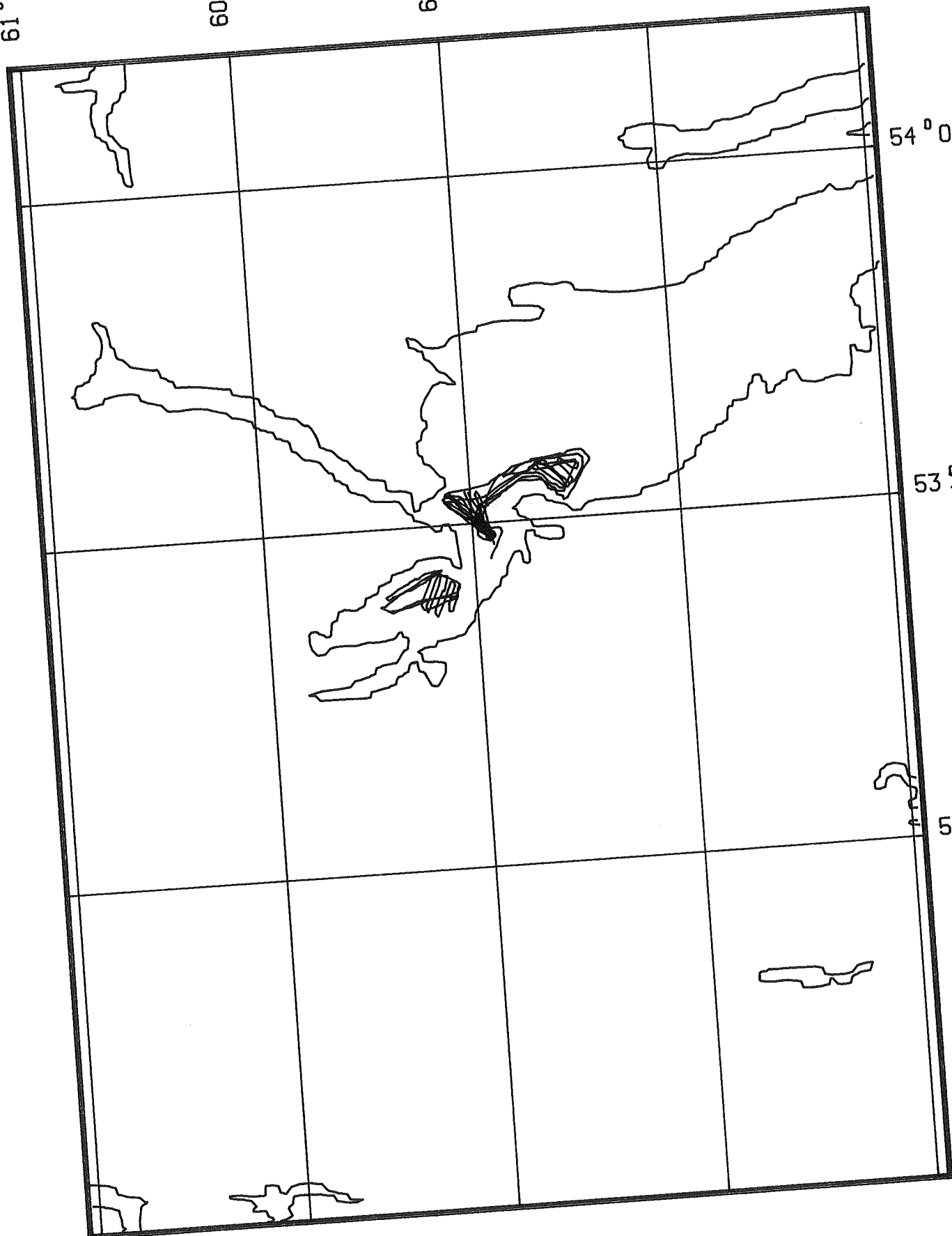
59° 0' W

54° 0' N

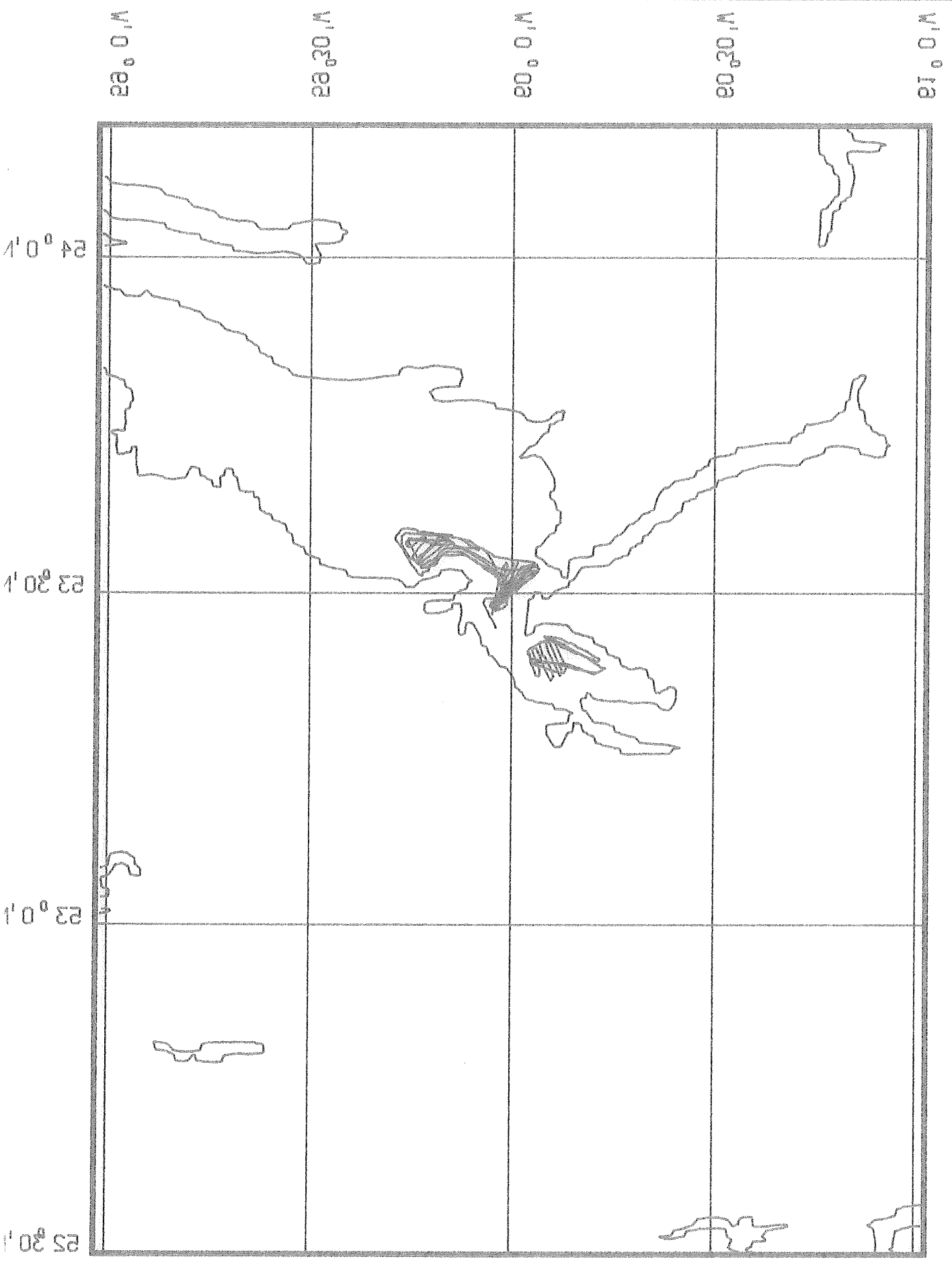
53° 30' N

53° 0' N

52° 30' N



CRUISE TRACKS - 89014
1:835,000 (MERCATOR, PANJ)



LOG BOOK INVENTORY 89-014

RECORD #	DAY	TYPE
1	196-200	General Log
2	196-197	General Log
3	196-200	Bridge Log #1
4	200	Bridge Log #2

3.5 kHz RECORD INVENTORY 89-014

ROLL #	START DAY/TIME	STOP DAY/TIME	LINE #	GEOGRAPHIC AREA	RECORDER	FREQUENCY	SYSTEM/SOUND SOURCE
001	196/0043	196/1725	1	Lake Melville	LSR 1811	3.5 kHz	O.R.E. Model 140
002	196/1820	197/0930	1	Lake Melville	LSR	3.5 kHz	O.R.E. Model 140
003	197/2245	199/0715	A & B	Lake Melville	LSR	3.5 kHz	O.R.E. Model 140
004	199/2225	200/1311	C	Lake Melville	LSR	3.5 kHz	O.R.E. Model 140
005	200/1317	200/1530	C	Lake Melville	LSR	3.5 kHz	O.R.E. Model 140

SIDESCAN RECORD INVENTORY 89-014

ROLL #	START DAY/TIME	STOP DAY/TIME	LINE #	RECORD TYPE	GEOGRAPHIC AREA	RECORDER	SIDESCAN SYSTEM
001	196/0043	196/0445	1	Single	Lake Melville	LSR	Klein Sidescan
002	196/0447	196/0502	1	Single	Lake Melville	LSR	Klein Sidescan
003	196/0554	196/1030	1	Single	Lake Melville	LSR	Klein Sidescan
004	196/1204	196/1725	1	Single	Lake Melville	LSR	Klein Sidescan
005	196/1820	197/0640	1	Single	Lake Melville	LSR	Klein Sidescan
006	197/0650	197/0930	1	Single	Lake Melville	LSR	Klein Sidescan
007	197/2245	198/0540	A	Single	Lake Melville	LSR	Klein Sidescan
008	199/0003	199/0715	B	Single	Lake Melville	LSR	Klein Sidescan
009	199/2225	200/0710	C	Single	Lake Melville	LSR	Klein Sidescan
010	200/0715	200/1530	C	Single	Lake Melville	LSR	Klein Sidescan

GEOPHYSICAL LINES 89-014

GEOPHYSICAL LINES	START DAY/ TIME	STOP DAY/ TIME
Line 1	196/0043	197/0930
Line A	197/2245	198/0540
Line B	199/0003	199/0715
Line C	199/2225	200/2291
Transect 1	197/1135	197/1234
Transect 2	197/1255	197/1345
Transect 3	197/1413	197/1457
Transect 4	197/1605	197/1705
Transect 5	198/1140	198/1245
Transect 6	198/1340	198/1502
Transect 7	198/1550	198/1723
Transect 8	198/1805	198/1935

RUISE TRACKS - 89026.
L: 1,450,000 (MERCATOR, 48N)

56° 0' W

55° 0' W

54° 0' W

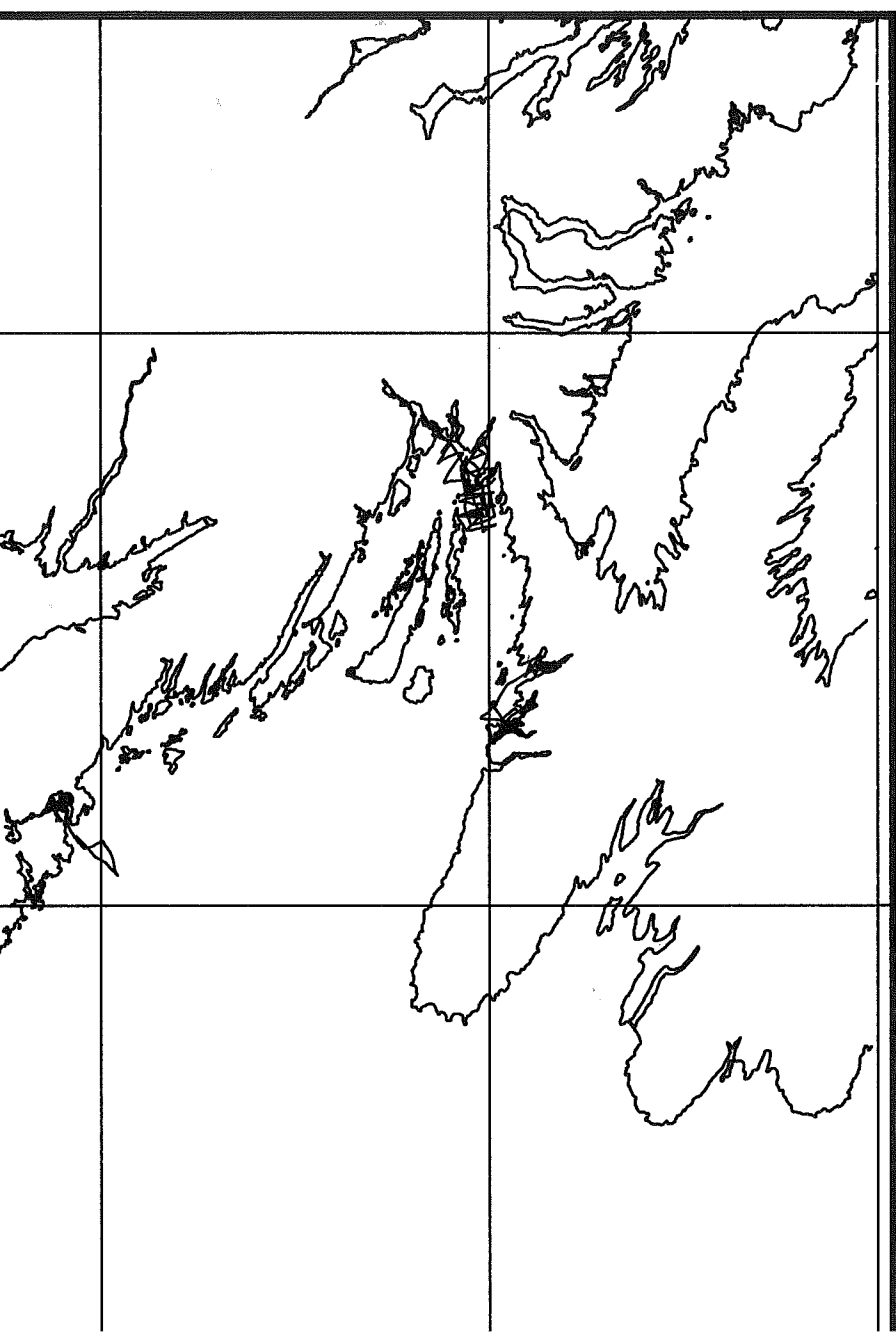


- 89026.
ERCATOR, 48N)

55° 0' W

54° 0' W

53° 0' W



48° 0' N

47° 0' N

A, 01, 55

A, 5 0, 55

A, 0 0, 55

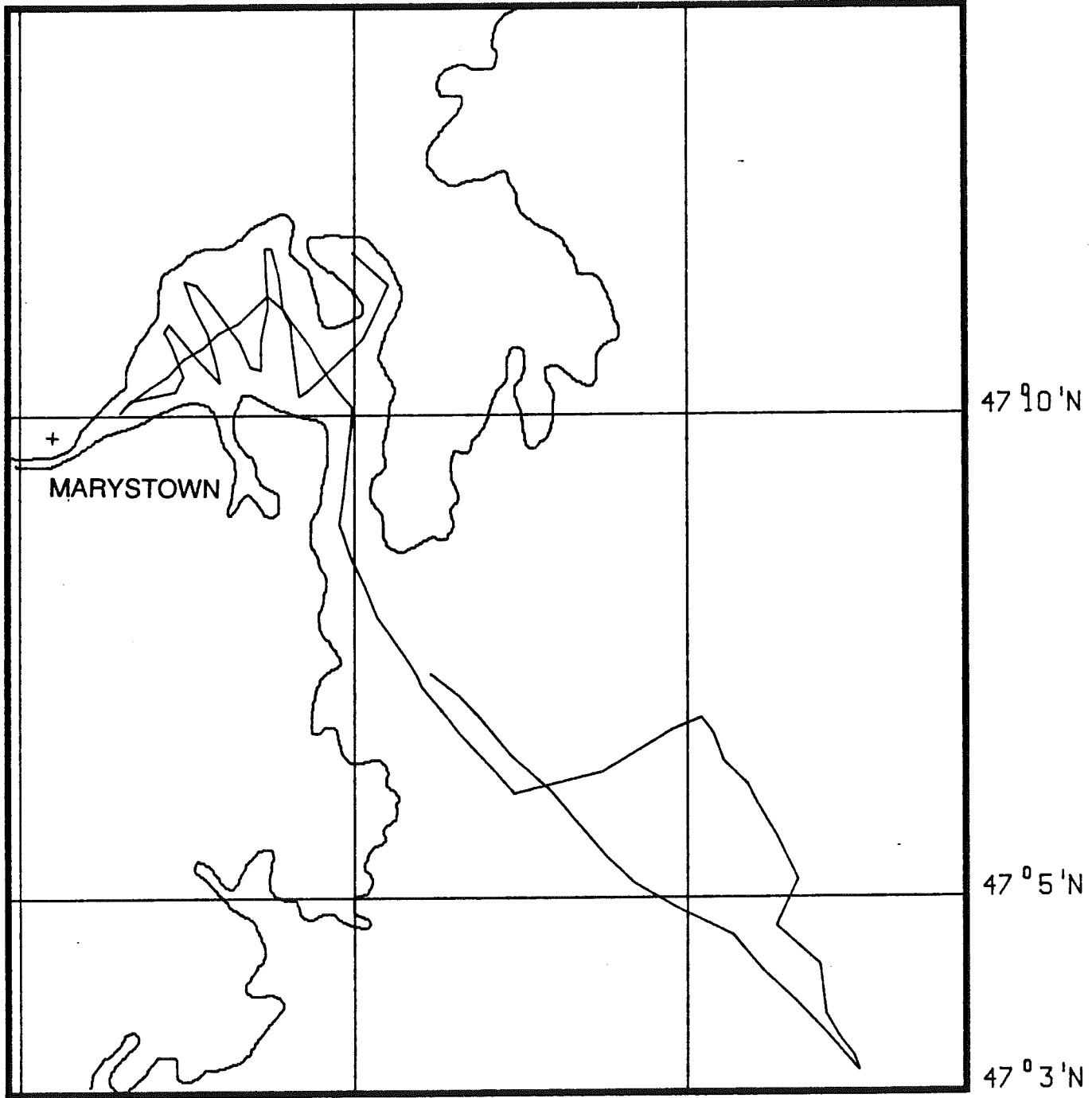
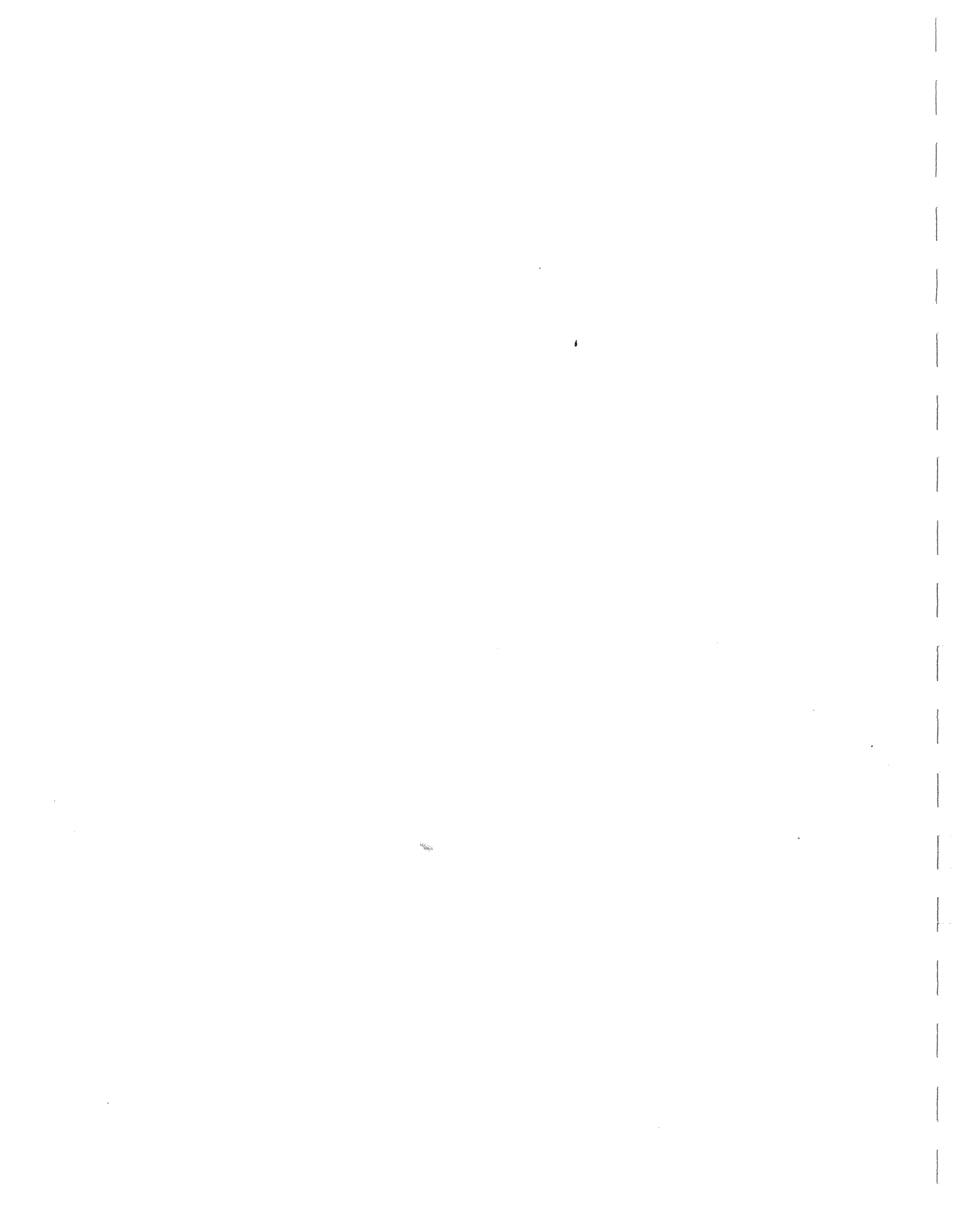


Figure 17: Track plot, Mortier Bay area.



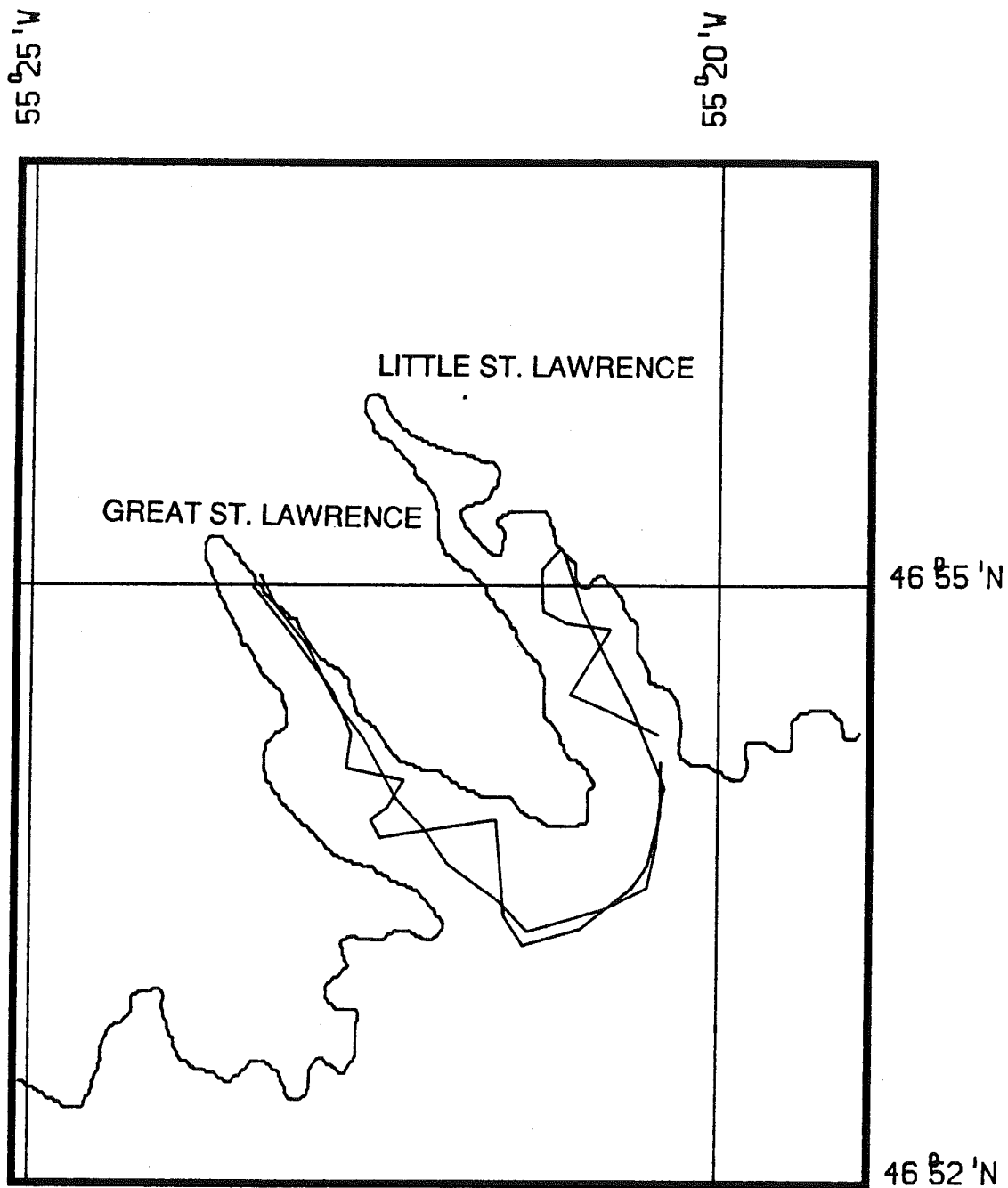
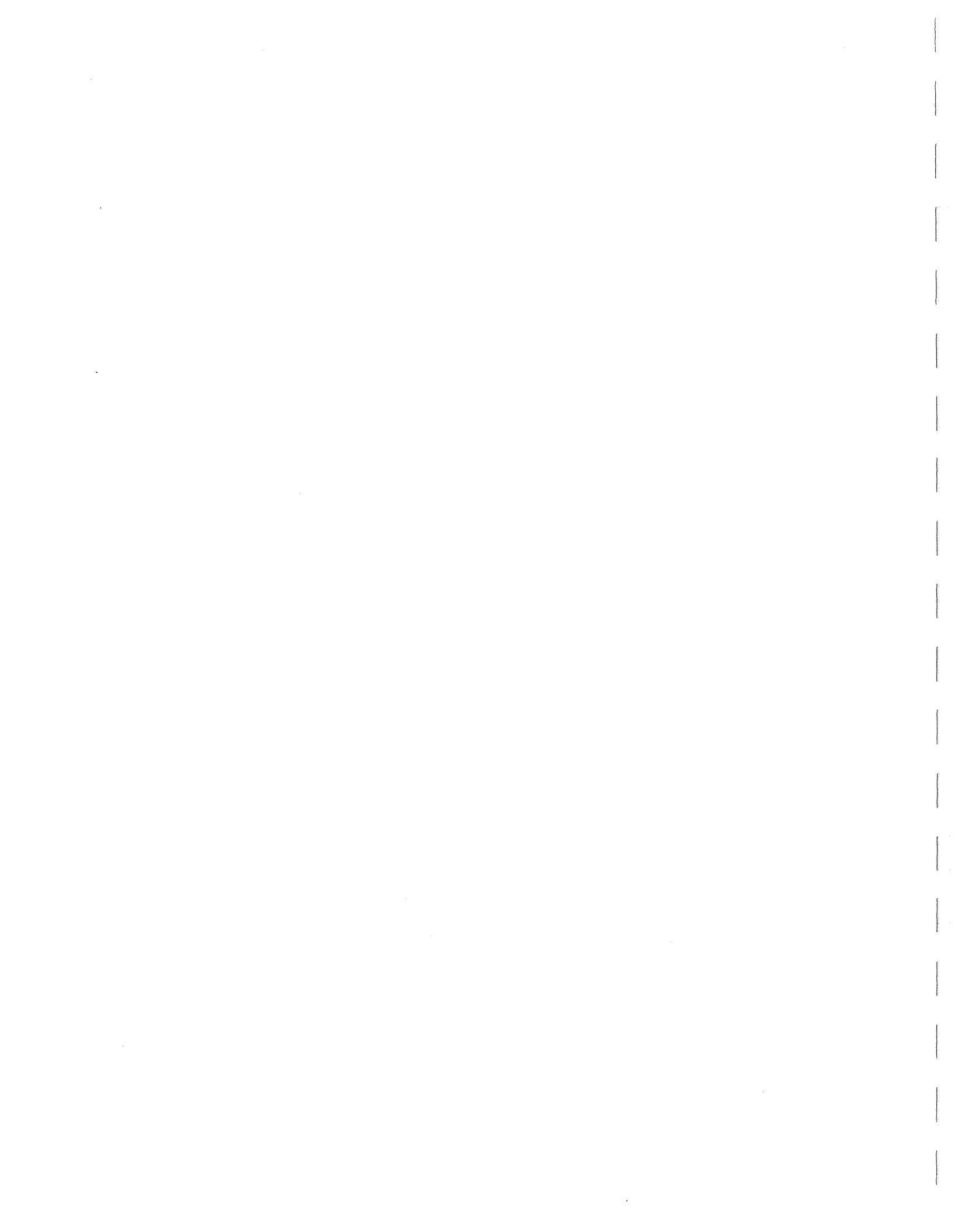


Figure 20: Track plot, Great St. Lawrence Harbour and Little St. Lawrence Harbour.



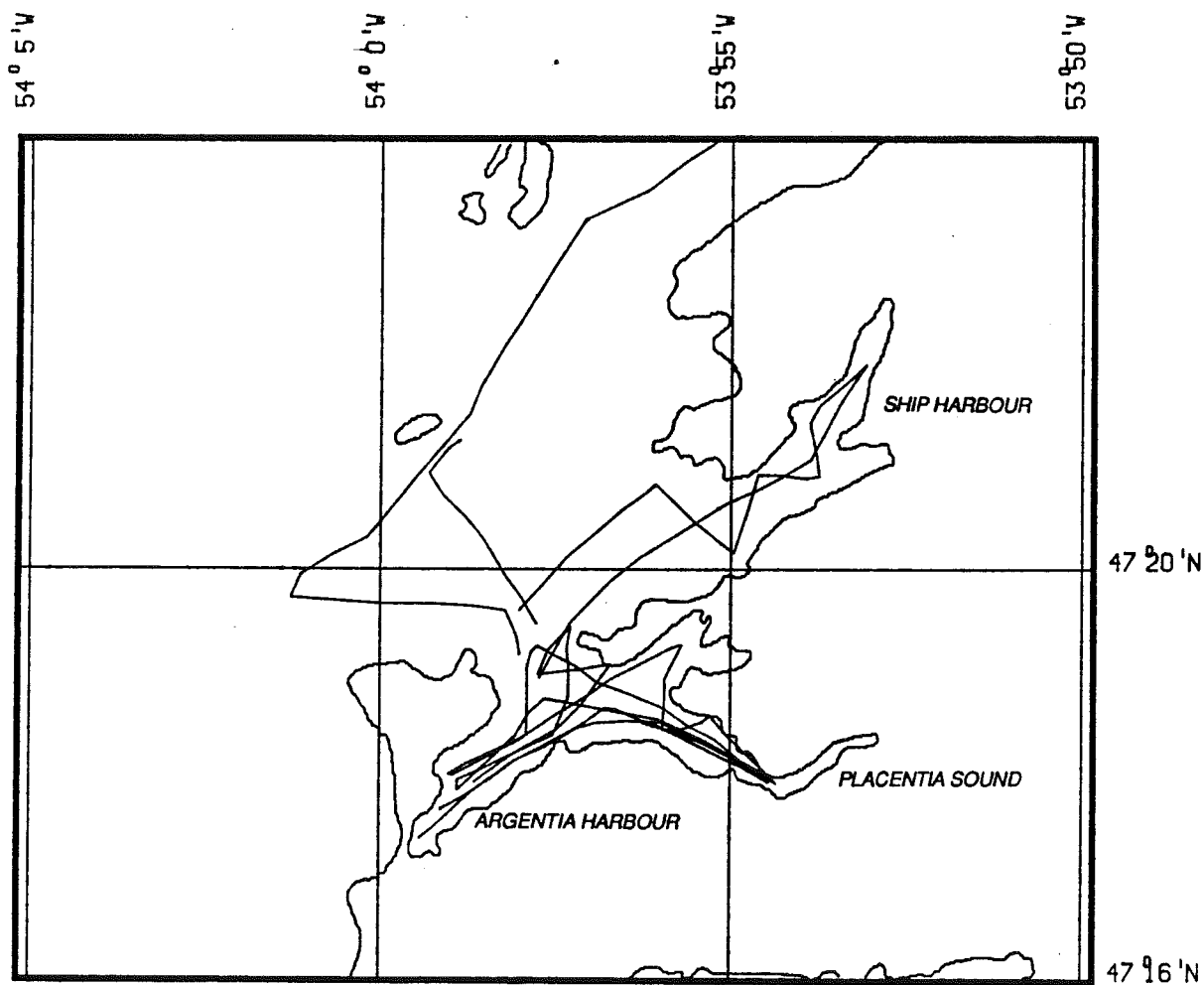
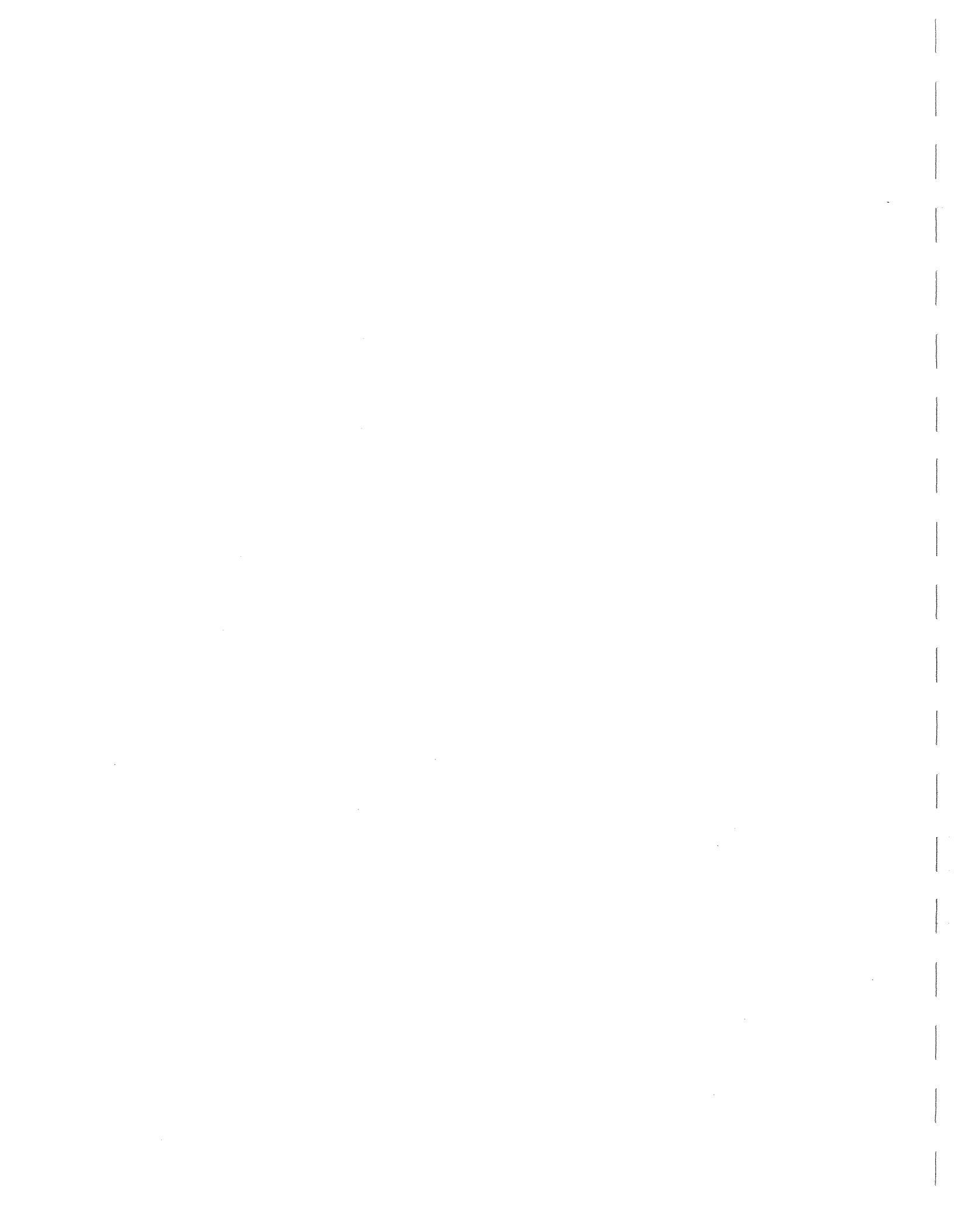


Figure 2: Track Plot Argentia Harbour, Placentia Sound and Ship Harbour.



LINE NUMBER START/STOPS 89-026

LINE #	START DAY/TIME	STOP DAY/TIME	LINE #	START DAY/TIME	STOP DAY/TIME	LINE #	START DAY/TIME	STOP DAY/TIME
1	268/1743	268/1822	33	275/1656	275/1739	65	278/1944	278/1955
2	268/1823	268/1832	34	275/1740	275/1835	66	280/1156	280/1238
3	268/1833	268/1850	35	275/1836	275/1923	67	280/1239	280/1344
4	268/1851	268/1906	36	275/1924	275/2016	68	280/1345	280/1431
5	268/1907	268/1913	37	275/2017	275/2051	69	280/1432	280/1505
6	268/1914	268/1922	38	275/2052	275/2142	70	280/1506	280/1538
7	168/1923	268/1928	39	276/1217	276/1258	71	280/1539	280/1632
8	268/1929	268/2013	40	276/1259	276/1325	72	280/1633	280/1644
9	268/1935	269/2021	41	276/1326	276/1431	73	280/1645	280/1657
10	269/2022	269/2048	42	276/1432	276/1442	74	280/1658	280/1620
11	269/2049	269/2129	43	276/1443	276/1504	75	280/1621	280/1750
12	269/2130	269/2140	44	276/1505	276/1522	76	280/1751	280/1821
13	269/2141	269/2155	45	276/1523	276/1552	77	280/1822	280/1843
14	271/1748	271/1816	46	276/1553	276/1618	78	280/1844	280/1851
15	271/1817	271/1829	47	276/1619	276/1651	79	280/1852	280/1906
16	271/1830	271/1851	48	276/1652	276/1727	80	280/1907	280/1934
17	271/1852	271/1908	49	276/1728	276/1748	81	280/1935	280/2043
18	271/1909	271/1930	50	276/1749	276/1824	82	280/2044	280/2128
19	271/1931	271/1958	51	276/1825	276/1855	83	280/2129	280/2140
20	271/1959	271/2005	52	276/1856	276/1905	84	282/1338	282/1415
21	272/1148	272/1210	53	276/1906	276/2002	85	282/1416	282/1456
22	272/1211	272/1245	54	278/1219	278/1246	86	282/1457	282/1534
23	272/1246	272/1302	55	278/1248	278/1321	87	282/1535	282/1620
24	272/1304	272/1319	56	278/1322	278/1355	88	282/1621	282/1700
25	272/1320	272/1330	57	278/1356	278/1433	89	282/1701	282/1707
26	272/1331	272/1340	58	278/1434	278/1525	90	282/1708	282/1717
27	272/1341	272/1352	59	278/1526	278/1603	91	282/1718	282/1729
28	272/1353	272/1359	60	278/1604	278/1726	92	282/1730	282/1742
29	272/1400	272/1440	61	278/1727	278/1804	93	282/1743	282/1800
30	274/1146	274/2364	62	278/1805	278/1825	94	282/1801	282/1818
31	275/1555	275/1622	63	278/1826	278/1913	95	282/1819	282/1829
32	275/1623	275/1655	64	278/1914	278/1943	96	282/1830	282/1842

LINE NUMBER START/STOPS 89-026 (Continued)

LINE #	START DAY/TIME	STOP DAY/TIME	LINE #	START DAY/TIME	STOP DAY/TIME	LINE #	START DAY/TIME	STOP DAY/TIME
97	282/1843	282/1900	110	286/1906	286/1921	123	288/1520	288/1525
98	282/1901	282/1925	111	286/1922	286/1944	124	288/1526	288/1531
99	284/1225	284/1309	112	286/1945	286/1959	125	288/1532	288/1537
100	286/1209	286/1358	113	286/1957	286/2006	126	288/1538	288/1544
101	286/1359	286/1530	114	286/2007	286/2032	127	288/1740	288/1747
102	286/1531	286/1607	115	286/2033	286/2103	128	288/1748	288/1800
103	286/1608	286/1650	116	286/2104	286/2118	129	288/1801	288/1811
104	286/1651	286/1709	117	286/2119	286/2127	130	288/1812	288/1823
105	286/1710	286/1732	118	286/2128	286/2135	131	288/1824	288/1830
106	286/1733	286/1758	119	288/1349	288/1428	132	288/1831	288/1836
107	286/1759	286/1841	120	288/1429	288/1439	133	288/1837	288/1840
108	286/1842	286/1852	121	288/1440	288/1449	134	288/1841	288/1900
109	286/1853	286/1905	122	288/1450	288/1519			

LINE NUMBER PARAMETER OCCURRENCE 89-026

LINE #	KLEIN SIDE-SCAN	SEISTEC	DATA-SONICS	BATHY-METRY	LINE #	KLEIN SIDE-SCAN	SEISTEC	DATA-SONICS	BATHY-METRY
1	X	X	X	X	33	X	X	X	X
2	X	X	X	X	34	X	X	X	X
3	X	X	X	X	35	X	X	X	X
4	X	X	X	X	36	X	X	X	X
5	X	X	X	X	37	X	X	X	X
6	X	X	X	X	38	X	X	X	X
7	X	X	X	X	39	X	X	X	X
8	X	X	X	X	40	X	X	X	X
9	X	X	X	X	41	X	X	X	X
10	X	X	X	X	42	X	X	X	X
11	X	X	X	X	43	X	X	X	X
12	X	X	X	X	44	X	X	X	X
13	X	X	X	X	45	X	X	X	X
14	X	X	X	X	46	X	X	X	X
15	X	X	X	X	47	X	X	X	X
16	X	X	X	X	48	X	X	X	X
17	X	X	X	X	49	X	X	X	X
18	X	X	X	X	50	X	X	X	X
19	X	X	X	X	51	X	X	X	X
20	X	X	X	X	52	X	X	X	X
21	X	X	X	X	53	X	X	X	X
22	X	X	X	X	54	X	X	X	X
23	X	X	X	X	55	X	X	X	X
24	X	X	X	X	56	X	X	X	X
25	X	X	X	X	57	X	X	X	X
26	X	X	X	X	58	X	X	X	X
27	X	X	X	X	59	X	X	X	X
28	X	X	X	X	60	X	X	X	X
29	X	X	X	X	61	X	X	X	X
30	X	X	X	X	62	X	X	X	X
31	X	X	X	X	63	X	X	X	X
32	X	X	X	X	64	X	X	X	X

LINE NUMBER PARAMETER OCCURRENCE 89-026 (Continued)

LINE #	KLEIN SIDE-SCAN	SEISTEC	DATA-SONICS	BATHY-METRY	LINE #	KLEIN SIDE-SCAN	SEISTEC	DATA-SONICS	BATHY-METRY
65	X	X	X	X	97	X	X	X	X
66	X	X	X	X	98	X	X	X	X
67	X	X	X	X	99	X	X	X	X
68	X	X	X	X	100	X	X	X	X
69	X	X	X	X	101	X	X	X	X
70	X	X	X	X	012	X	X	X	X
71	X	X	X	X	013	X	X	X	X
72	X	X	X	X	104	X	X	X	X
73	X	X	X	X	105	X	X	X	X
74	X	X	X	X	106	X	X	X	X
75	X	X	X	X	107	X	X	X	X
76	X	X	X	X	108	X	X	X	X
77	X	X	X	X	109	X	X	X	X
78	X	X	X	X	110	X	X	X	X
79	X	X	X	X	111	X	X	X	X
80	X	X	X	X	112	X	X	X	X
81	X	X	X	X	113	X	X	X	X
82	X	X	X	X	114	X	X	X	X
83	X	X	X	X	115	X	X	X	X
84	X	X	X	X	116	X	X	X	X
85	X	X	X	X	117	X	X	X	X
86	X	X	X	X	118	X	X	X	X
87	X	X	X	X	119	X	X	X	X
88	X	X	X	X	120	X	X	X	X
89	X	X	X	X	121	X	X	X	X
90	X	X	X	X	122	X	X	X	X
91	X	X	X	X	123	X	X	X	X
92	X	X	X	X	124	X	X	X	X
93	X	X	X	X	125	X	X	X	X
94	X	X	X	X	126	X	X	X	X
95	X	X	X	X	127	X	X	X	X
96	X	X	X	X	128	X	X	X	X

LINE NUMBER PARAMETER OCCURRENCE 89-026 (Continued)

LINE #	KLEIN SIDE-SCAN	SEISTEC	DATA-SONICS	BATHY-METRY	LINE #	KLEIN SIDE-SCAN	SEISTEC	DATA-SONICS	BATHY-METRY
129	X	X	X	X	132	X	X	X	X
130	X	X	X	X	133	X	X	X	X
131	X	X	X	X	134	X	X	X	X

TOTAL SAMPLE INVENTORY 89-026

SAMPLE #	SAMPLE TYPE	DAY/TIME (GMT)	LATITUDE	LONGITUDE	DEPTH (M)	GEOGRAPHIC LOCATION
001	Core	271/1310	47 18.20 N	53 57.88 W	36.0	Argentia Harbour (Nfld)
002	Core	271/1330	47 18.32 N	53 55.46 W	82.0	Placentia Sound (Nfld)
003	Core	271/1350	47 18.04 N	53 54.68 W	40.0	Placentia Sound
004	Grab	271/1415	47 18.00 N	53 54.57 W	34.0	Placentia Sound
005	Grab	271/1422	47 17.94 N	53 54.48 W	26.0	Placentia Sound
006	Grab	271/1446	47 18.47 N	53 55.68 W	88.0	Placentia Sound
007	Grab	271/1456	47 18.92 N	53 56.00 W	16.0	Placentia Sound
008	Grab	271/1502	47 19.02 N	53 55.84 W	16.0	Placentia Sound
009	Grab	271/1514	47 19.10 N	53 56.12 W	14.0	Placentia Sound
010	Grab	271/1523	47 18.73 N	53 56.39 W	10.0	Placentia Sound
011	Grab	271/1529	47 18.63 N	53 56.90 W	12.0	Placentia Sound
012	Grab	271/1536	47 18.61 N	53 57.24 W	52.0	Placentia Sound
013	Grab	271/1547	47 18.26 N	53 57.85 W	42.5	Argentia Harbour
014	Grab	271/1600	47 18.17 N	53 58.42 W	13.0	Argentia Harbour
015	Grab	271/1607	47 18.59 N	53 59.07W	27.0	Argentia Harbour
016	Grab	272/1620	47 21.89 N	53 53.37 W	25.0	Ship Harbour
017	Grab	272/1625	47 21.76 N	53 53.41 W	26.0	Ship Harbour
018	Grab	272/1639	47 21.57 N	53 53.79 W	18.0	Ship Harbour
019	Grab	272/1645	47 21.29 N	53 53.67 W	32.0	Ship Harbour
020	Grab	272/1656	47 21.34 N	53 54.03 W	25.0	Ship Harbour
021	Grab	272/1703	47 21.03 N	53 54.38 W	19.0	Ship Harbour
022	Grab	272/1708	47 20.95 N	53 54.33 W	32.0	Ship Harbour
023	Grab	274/1318	47 19.84 N	53 56.17 W	36.0	Ship Harbour
024	Grab	272/1718	47 20.60 N	53 55.10 W	13.0	Ship Harbour
025	Grab	274/1340	47 20.61 N	53 54.78 W	30.0	Argentia Hbr. (Entrance)
026	Grab	274/1406	47 19.18 N	53 57.78 W	16.0	Argentia Hbr. (Entrance)
027	Grab	274/1413	47 19.04 N	53 58.00 W	13.0	Argentia Hbr. (Entrance)
028	Core	274/1657	47 18.16 N	53 57.96 W	41.0	Argentia Harbour
029	Core	274/1715	47 18.30 N	53 55.40 W	80.0	Placentia Sound
030	Core	274/1734	47 17.98 N	53 54.56 W	35.0	Placentia Sound
031	Core	274/1748	47 17.98 N	53 54.52 W	33.0	Placentia Sound
032	Grab	281/1302	47 40.42 N	54 00.21 W	125.0	E. Chan. Placentia Bay

TOTAL SAMPLE INVENTORY 89-026 (Continued)

SAMPLE #	SAMPLE TYPE	DAY/TIME (GMT)	LATITUDE	LONGITUDE	DEPTH (M)	GEOGRAPHIC LOCATION
033	Grab	281/1316	47 40.68 N	54 01.11 W	112.0	E. Chan. Placentia Bay
034	Grab	281/1330	47 40.97 N	54 01.98 W	205.1	E. Chan. Placentia Bay
035	Grab	281/1354	47 41.06 N	54 00.26 W	154.0	E. Chan. Placentia Bay
036	Grab	281/1408	47 41.83 N	53 59.40 W	66.0	E. Chan. Placentia Bay
037	Grab	281/1420	47 42.26 N	54 00.68 W	106.0	E. Chan. Placentia Bay
038	Grab	281/1433	47 42.90 N	53 59.79 W	62.0	E. Chan. Placentia Bay
039	Grab	281/1448	47 44.87 N	53 59.24 W	17.0	Gr.S. Hbr. Placenta Bay
040	Grab	281/1455	47 45.29 N	53 58.71 W	8.0	Gr.S. Hbr. Placenta Bay
041	Grab	281/1515	47 43.21 N	54 01.30 W	125.0	E. Chan. Placentia Bay
042	Grab	281/1603	47 43.85 N	54 02.58 W	97.0	E. Chan. Placentia Bay
043	Grab	281/1612			235.0	E. Chan. Placentia Bay
044	Grab	281/1633	47 42.48 N	54 03.70 W	275.0	E. Chan. Placentia Bay
045	Core	281/1701	47 42.42 N	54 00.97 W	110.0	E. Chan. Placentia Bay
046	Core	281/1718	47 43.28 N	54 00.64 W	118.0	E. Chan. Placentia Bay
047	Core	281/1743	47 45.70 N	54 04.00 W	135.0	Entr. - Come by Chance
048	Core	281/1824	47 49.88 N	54 07.90 W	54.0	Off Entr. - Piper's Hole
049	Core	281/1840	47 50.88 N	54 09.60 W	27.0	Off Entr. - Piper's Hole
050	Core	281/1849	47 51.15 N	54 09.94 W	23.0	Entrace - Piper's Hole
051	Grab	281/1900	47 51.40 N	54 10.30 W	7.5	Entrace - Piper's Hole
052	Grab	281/1907	47 51.06 N	54 09.85 W	27.0	Entrace - Piper's Hole
053	Grab	281/1915	47 50.42 N	54 08.48 W	42.0	Entrace - Piper's Hole
054	Grab	281/1928	47 49.08 N	54 06.96 W	53.0	Off Entr. N. Harbour, Placentia Bay
055	Grab	281/1937	47 48.87 N	54 06.38 W	43.0	Entr.- N. Harbour, Placentia Bay
056	Grab	281/1947	47 49.07 N	54 05.72 W	47.0	N. Harb., Placentia Bay
057	Grab	281/1957	47 50.08 N	54 04.60 W	18.0	N. Harb., Placentia Bay
058	Grab	281/2008	47 50.80 N	54 05.58 W	18.0	N. Harb., Placentia Bay
059	Grab	281/2029	47 48.15 N	54 05.55 W	115.0	Off Entr. N. Harbour, Placentia Bay
060	Grab	281/2050	47 46.58 N	54 03.89 W	116.0	Entr. - Come By Chance
061	Grab	281/2108	47 48.33 N	54 01.34 W	28.0	Come By Chance
062	Grab	281/2113	47 47.93 N	54 01.58 W	42.0	Come By Chance

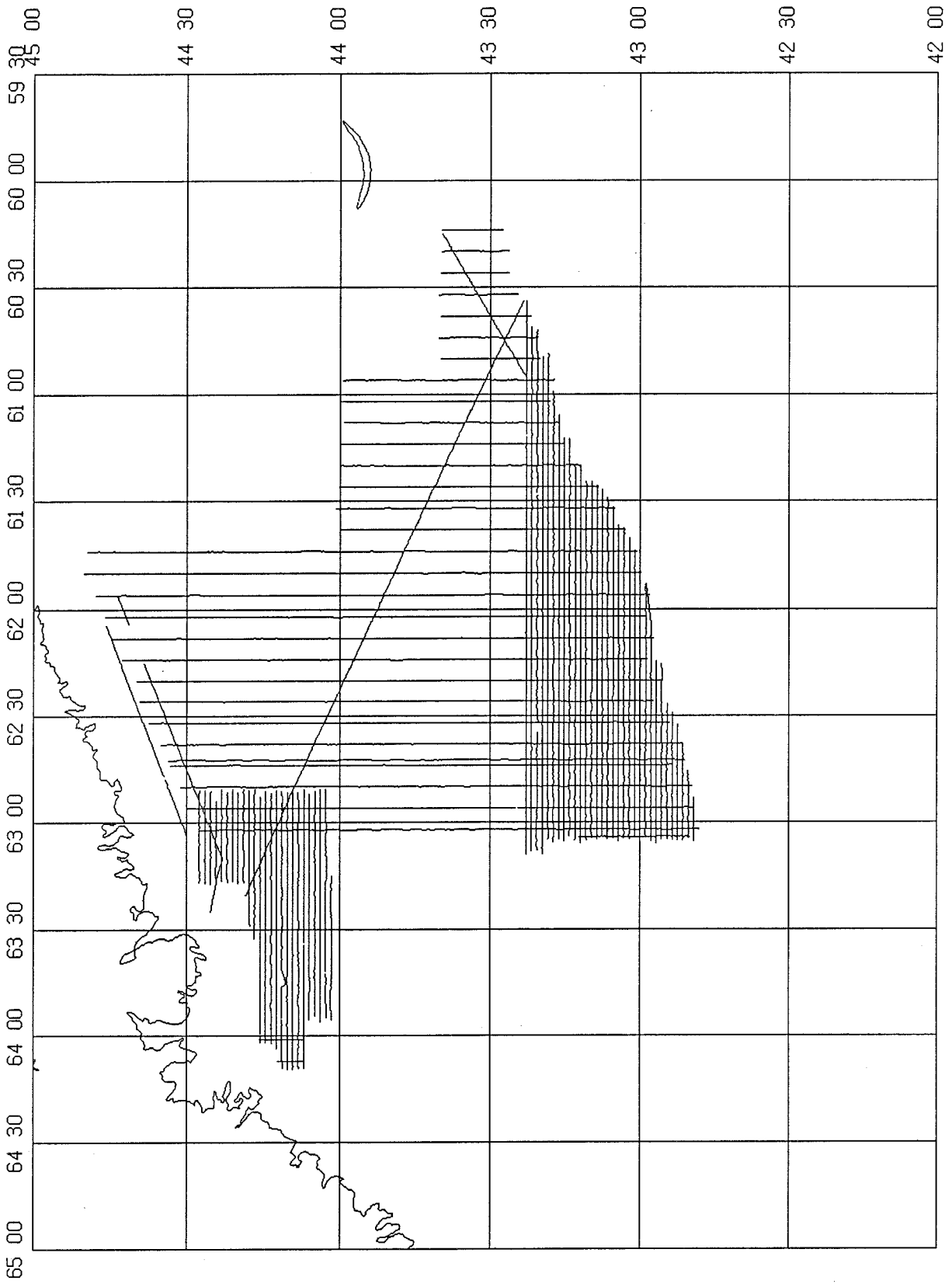
TOTAL SAMPLE INVENTORY 89-026 (Continued)

SAMPLE #	SAMPLE TYPE	DAY/TIME (GMT)	LATITUDE	LONGITUDE	DEPTH (M)	GEOGRAPHIC LOCATION
063	Grab	281/2120	47 47.63 N	54 01.01 W	12.5	Come By Chance
064	Grab	281/2125	47 47.41 N	54 00.94 W	12.5	Come By Chance
065	Grab	281/2138	47 46.45 N	54 02.55 W	72.0	Come By Chance
066	Grab	281/2150	47 45.97 N	54 01.80 W	38.0	Come By Chance
067	Grab	281/2156	47 45.52 N	54 02.52 W	89.0	Come By Chance
068	Grab	284/1329	47 26.25 N	53 52.24 W	37.0	Long Hbr. (St. Croix Bay)
069	Grab	284/1337	47 26.06 N	53 52.52 W	40.0	Long Hbr. (St. Croix Bay)
070	Grab	284/1344	47 25.90 N	53 52.82 W	39.0	Long Hbr. (St. Croix Bay)
071	Grab	284/1349	47 25.70 N	53 53.11 W	44.0	Long Hbr. (St. Croix Bay)
072	Grab	284/1356	47 25.54 N	53 53.39 W	49.0	Long Hbr. (St. Croix Bay)
073	Grab	284/1404	47 25.30 N	53 53.74 W	46.0	Long Hbr. (St. Croix Bay)
074	Grab	284/1410	47 25.09 N	53 54.11 W	46.0	Long Harbour
075	Grab	284/1419	47 24.80 N	53 54.11 W	63.0	Long Harbour
076	Grab	284/1426	47 24.81 N	53 53.65 W	71.0	Long Harbour
077	Grab	284/1433	47 24.85 N	53 53.25 W	60.0	Long Harbour
078	Grab	284/1441	47 24.94 N	53 52.89 W	57.0	Long Harbour
079	Grab	284/1453	47 25.12 N	53 53.39 W	53.0	Long Harbour
080	Grab	284/1503	47 24.89 N	53 52.55 W	55.0	Long Harbour
081	Grab	284/1508	47 25.00 N	53 52.17 W	51.0	Long Harbour
082	Grab	284/1514	47 24.94 N	53 51.71 W	45.0	Long Harbour
083	Grab	284/1603	47 25.11 N	53 51.39 W	53.0	Long Harbour
084	Grab	184/1615	47 25.15 N	53 50.96 W	22.0	Long Harbour
085	Grab	284/1622	47 25.17 N	53 50.60 W	16.0	Long Harbour
086	Grab	284/1630	47 25.19 N	53 50.29 W	28.0	Long Harbour
087	Grab	284/1644	47 25.21 N	53 50.09 W	29.0	Long Harbour
088	Grab	284/1649	47 25.20 N	53 49.91 W	17.0	Long Harbour
089	Grab	284/1654	47 25.22 N	53 49.85 W	14.0	Long Harbour
090	Grab	284/1703	47 25.32 N	53 49.68 W	11.0	Long Harbour
091	Grab	284/1710	47 25.37 N	53 49.56 W	9.0	Long Harbour
092	Grab	274/1718	47 25.39 N	53 49.55 W	8.0	Long Harbour
093	Grab	284/1728	47 25.42 N	53 49.78 W	11.0	Long Harbour
094	Grab	284/1740	47 25.40 N	53 49.91 W	12.0	Long Harbour

TOTAL SAMPLE INVENTORY 89-026 (Continued)

SAMPLE #	SAMPLE TYPE	DAY/TIME (GMT)	LATITUDE	LONGITUDE	DEPTH (M)	GEOGRAPHIC LOCATION
095	Grab	284/1744	47 25.40 N	53 50.04 W	12.0	Long Harbour
096	Grab	284/1753	47 25.42 N	53 50.18 W	13.0	Long Harbour
097	Grab	284/1959	47 25.49 N	53 50.68 W	23.0	Long Harbour
098	Grab	284/1805	47 25.57 N	53 51.39 W	19.0	Long Harbour
099	Grab	284/1813	47 25.56 N	53 51.36 W	12.0	Long Harbour
100	Grab	284/1819	47 25.30 N	53 50.84 W	26.0	Long Harbour
101	Grab	284/1830	47 25.25 N	53 49.69 W	12.0	Long Harbour
102	Grab	284/1839	47 25.31 N	53 49.48 W	12.0	Long Harbour
103	Grab	284/1844	47 25.37 N	53 49.91 W	13.0	Long Harbour
104	Grab	284/1850	47 25.11 N	53 50.13 W	29.0	Long Harbour
105	Grab	284/1854	47 25.06 N	53 50.50 W	33.0	Long Harbour
106	Grab	284/1905	47 24.95 N	53 50.94 W	36.0	Long Harbour
107	Grab	284/1913	47 24.88 N	53 51.25 W	31.0	Long Harbour
108	Grab	284/1924	47 24.85 N	53 51.55 W	43.0	Long Harbour
109	Grab	184/1935	47 24.77 N	53 51.96 W	48.0	Long Harbour
110	Grab	284/1944	47 24.71 N	53 52.33 W	46.0	Long Harbour
111	Grab	284/1951	47 24.63 N	53 52.64 W	47.0	Long Harbour
112	Grab	284/2001	47 24.50 N	53 53.11 W	33.0	Long Harbour
113	Grab	284/2009	47 24.44 N	53 53.61 W	19.0	Long Harbour
114	Grab	284/2018	47 24.35 N	53 53.99 W	68.0	Long Harbour
115	Grab	284/2031	47 24.28 N	53 54.27 W	68.0	Long Harbour
118	Grab	287/1228	47 08.46 N	55 05.02 W	68.0	Mortier Bay (Marystown)
119	Grab	287/1242	47 08.60 N	55 05.11 W	84.0	Mortier Bay (Marystown)
120	Grab	287/1300	47 09.72 N	55 05.12 W	118.0	Mortier Bay (Marystown)
121	Grab	287/1310	47 10.24 N	55 05.26 W	88.0	Mortier Bay (Marystown)
122	Grab	287/1320	47 10.98 N	55 06.29 W	90.0	Mortier Bay (Marystown)
123	Grab	287/1332	47 10.40 N	55 07.21 W	29.0	Mortier Bay (Marystown)
124	Grab	287/1337	47 10.55 N	55 07.21 W	43.0	Mortier Bay (Marystown)
125	Grab	287/1343	47 10.39 N	55 07.53 W	17.5	Mortier Bay (Marystown)
126	Grab	287/1351	47 10.09 N	55 08.40 W	11.0	Mortier Bay (Marystown)
131	Core	288/1616	46 54.25 N	55 20.58 W	53.0	Little St. Lawrence Harbour
132	Core	288/1633	46 55.10 N	55 21.25 W	18.0	Little St. Lawrence Harbour

BAFFIN 89-031



MERCATOR 1500000. AT 45.00 N.

18-JAN-1990 08:24:24.71

TOKU 23

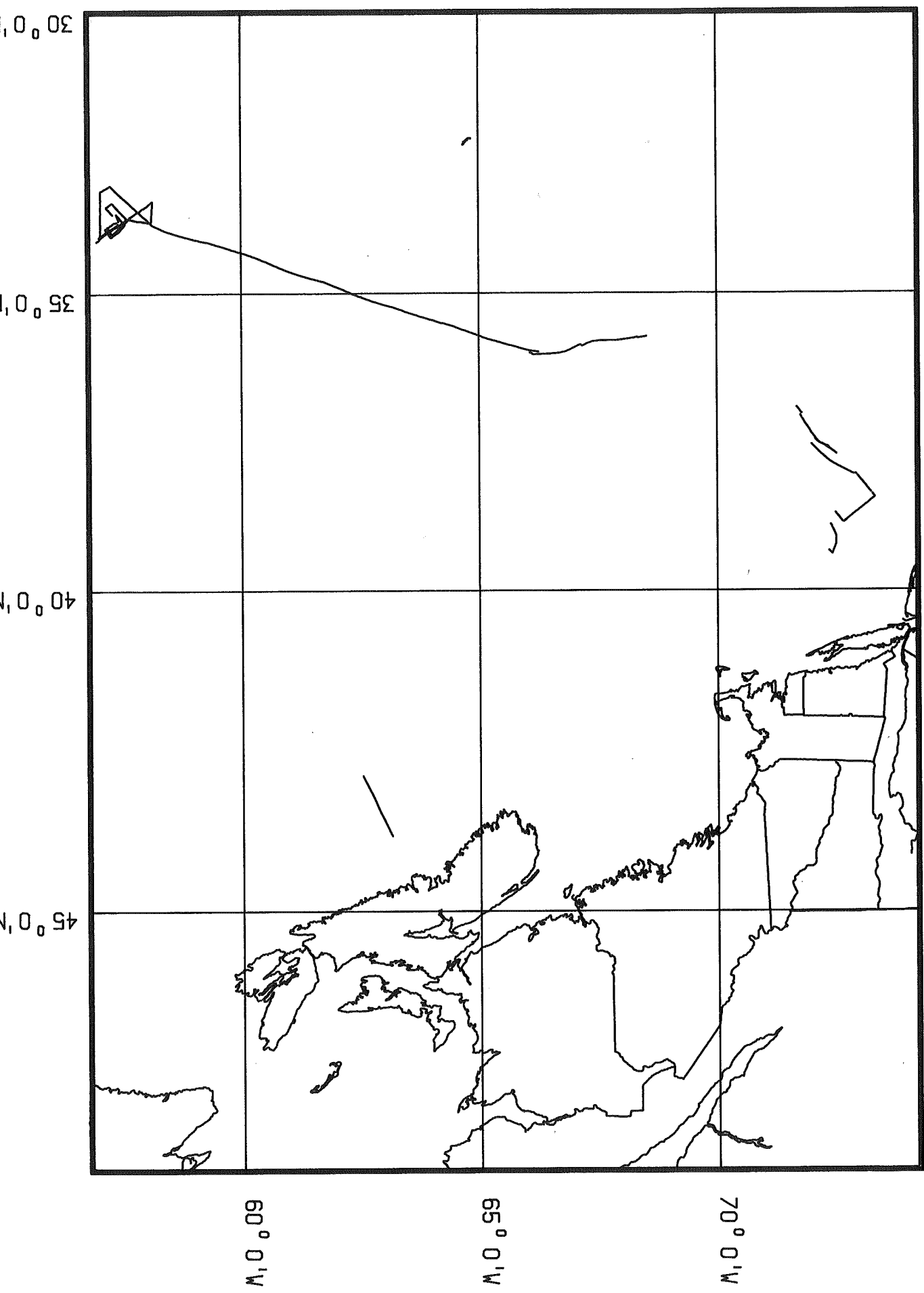
LOG BOOK INVENTORY 89-031

RECORD #	DAY	TYPE
1	289-315	General
2	297-315	Watchkeepers

GRAVITY AND MAGNETIC RECORD INVENTORY 89-031

RECORD #	START DAY/TIME	STOP DAY/TIME	LINE #	TYPE
1	289/2120	303/2040	1-50	Gravity
1	289/2100	292/1430	1-14	Magnetic
2	292/1500	299/1900	14-39	Magnetic
3	299/1930	307/1200	39-68	Magnetic
4	307/1212	314/1510	58-92	Magnetic

231 = 89-038 HUDSON



<u>ROLL</u> <u>NUMBERS</u>	<u>START</u> <u>DAY/TIME</u>	<u>STOP</u> <u>DAY/TIME</u>	<u>HYDROPHONE</u>	<u>LINE NUMBERS</u>	<u>RECORD TYPE</u>	<u>GEOGRAPHIC LOCATION</u>	<u>RECORDER</u>	<u>HUNTEC SYSTEM</u>
001	0590031	0600517	EXTERNAL	13,16	SINGLE	BERMUDA RISE	EPC 4100	AGC 3
003	0641627	0642104	EXTERNAL	19	SINGLE	BALTIMORE CANYON AREA	EPC 4100	AGC 3
002	0641650	0642104	EXTERNAL	19	SINGLE	BALTIMORE CANYON AREA	EPC 4100	AGC 3
004	0650210	0651057	EXTERNAL	20	SINGLE	BALTIMORE CANYON AREA	EPC 4100	AGC 3
005	0650210	0651057	EXTERNAL	20	SINGLE	BALTIMORE CANYON AREA	EPC 4100	AGC 3

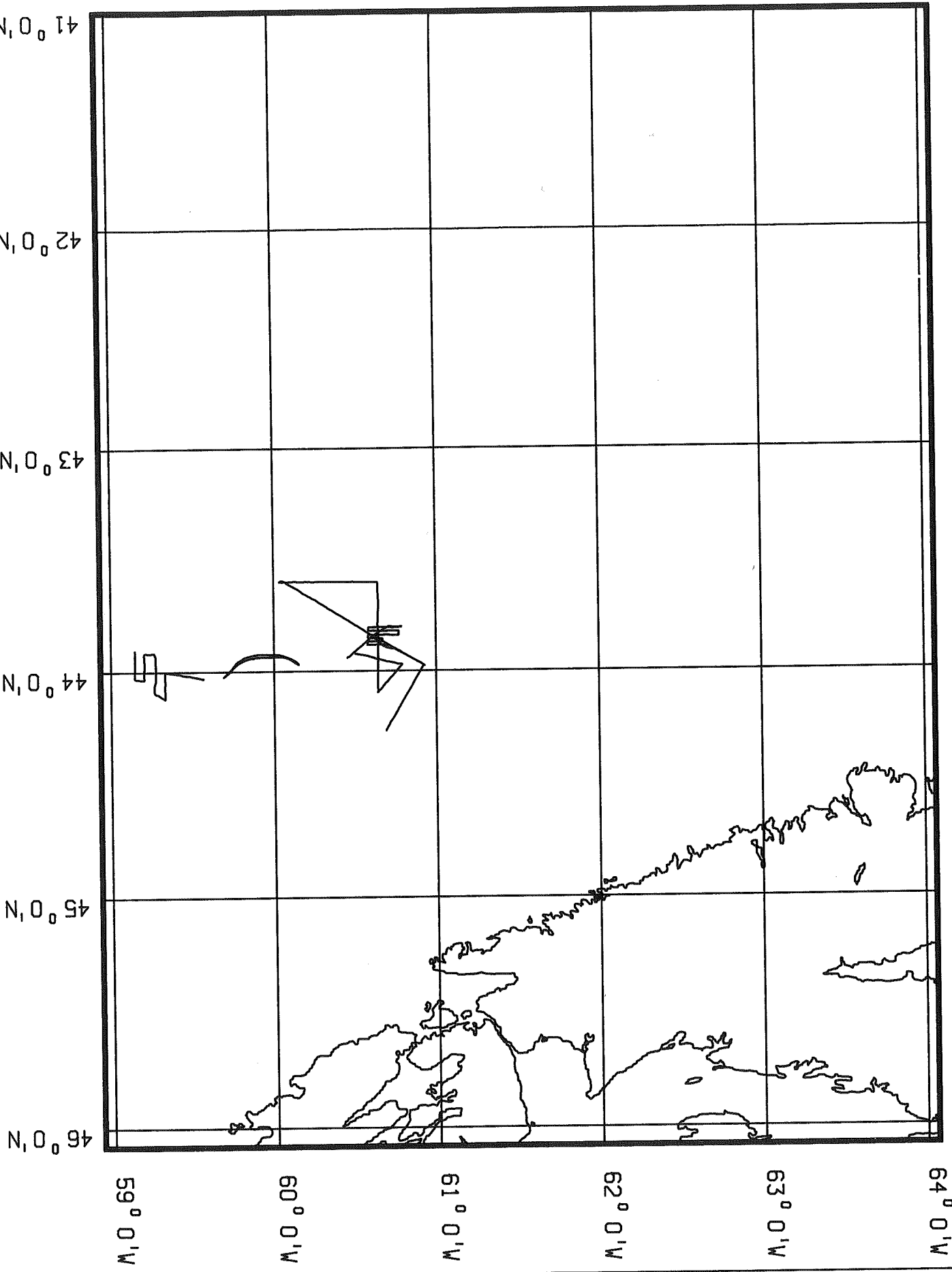
<u>ROLL</u> <u>NUMBERS</u>	<u>START</u> <u>DAY/TIME</u>	<u>STOP</u> <u>DAY/TIME</u>	<u>FREQUENCY</u>	<u>LINE NUMBERS</u>	<u>GEOGRAPHIC LOCATION</u>	<u>RECORDER</u>	<u>NOTES</u>
001	0510325	0510850	12 KHZ		SCOTIAN SLOPE	LSR	
002	0531028	0540914	12 KHZ	1,2	BERMUDA RISE	LSR	
003	0541210	0572040	12 KHZ	3,4,5,6,7,8,9	BERMUDA RISE	LSR	
004	0580205	0600510	12 KHZ	10,11,12,13,14,	BERMUDA RISE	LSR	
005	0600535	0631250	12 KHZ	17,18	BERMUDA RISE TO BALTIMORE CANYON	LSR	
006	0631630	0650240	12 KHZ	19,20	BALTIMORE CANYON AREA	LSR	
007	0650250	0661335	12 KHZ	20,21,22,23,24, 25	BALTIMORE CANYON AREA	LSR	

<u>ROLL</u> <u>NUMBERS</u>	<u>START</u> <u>DAY/TIME</u>	<u>STOP</u> <u>DAY/TIME</u>	<u>LINE NUMBERS</u>	<u>GEOGRAPHIC LOCATION</u>	<u>RECORDER</u>	<u>SYSTEM / SOUND SOURCE</u>
001	0510240	0510831		SCOTIAN SLOPE	EPC4100	SHIPS TRANSDUCERS
002	0531123	0550711	1,2,3	BERMUDA RISE	EPC4100	SHIPS TRANSDUCERS
003	0552200	0571213	4,5,6,7,8	BERMUDA RISE	EPC4100	SHIPS TRANSDUCERS
004	0571758	0572039	9	BERMUDA RISE	EPC4100	SHIPS TRANSDUCERS
005	0580205	0591115	10,11,12,13,14,	BERMUDA RISE	EPC4100	SHIPS TRANSDUCERS
006	0591120	0620517	16,17,18	BERMUDA RISE TO BALTIMORE CANYON	EPC4100	SHIPS TRANSDUCERS
007	0620522	0631520	18	BERMUDA RISE TO BALTIMORE CANYON	EPC4100	SHIPS TRANSDUCERS
008	0631530	0640055	18	BALTIMORE CANYON AREA	EPC4100	SHIPS TRANSDUCERS
009	0640125	0661335	18,22,23,24,25	BALTIMORE CANYON AREA	EPC4100	SHIPS TRANSDUCERS

SEISMICS/SIDESCAN COMBINED ON-LINE DATA TAPES

<u>TAPE NUMBERS</u>	<u>START DAY/TIME</u>	<u>STOP DAY/TIME</u>	<u>GEOGRAPHIC LOCATION</u>	<u>CHANNEL INFO</u>	<u>NOTES</u>
001	0540020	0540240	BERMUDA RISE	3.5 KHZ DATA	
002	0540246	0540448	BERMUDA RISE	3.5 KHZ DATA	
003	0540448	0540710	BERMUDA RISE	3.5 KHZ DATA	
004	0540710	0540913	BERMUDA RISE	3.5 KHZ DATA	
005	0550418	0550627	BERMUDA RISE	3.5 KHZ DATA	
05A	0550418	0550708	BERMUDA RISE	3.5 KHZ DATA	
006	0560436	0560638	BERMUDA RISE	3.5 KHZ DATA	
007	0560538	0560738	BERMUDA RISE	3.5 KHZ DATA	
008	0560757	0560915	BERMUDA RISE	3.5 KHZ DATA	
009	0580250	0580450	BERMUDA RISE	3.5 KHZ DATA	
010	0580500	0580700	BERMUDA RISE	3.5 KHZ DATA	
011	0580710	0580910	BERMUDA RISE	3.5 KHZ DATA	
012	0580917	0580956	BERMUDA RISE	3.5 KHZ DATA	
013	0590637	0590841	BERMUDA RISE	3.5 KHZ DATA	
014	0590842	0591050	BERMUDA RISE	3.5 KHZ DATA	
015	0591500	0591700	BERMUDA RISE	3.5 KHZ DATA	
016	0591700	0591910	BERMUDA RISE	3.5 KHZ DATA	
017	0591940	0592005	BERMUDA RISE	3.5 KHZ DATA	
018	0600132	0600340	BERMUDA RISE	3.5 KHZ DATA	
019	0600340	0600516	BERMUDA RISE	3.5 KHZ DATA	

89TEMP



CRUISE TRACKS - 89039.
1:2,500,000 (MERCATOR, AT 45N)

<u>TAPE NUMBERS</u>	<u>START DAY/TIME</u>	<u>STOP DAY/TIME</u>	<u>LINE NUMBERS</u>	<u>GEOGRAPHIC LOCATION</u>	<u>CHANNEL INFO</u>	<u>RECORDING SYSTEM</u>
001	0781406	0781448	1	SABLE ISLAND BANK	CH4=SEISTEC FILTER CH5=SEISTEC TRIG. CH6=3.5KHZ SIGNAL CH7=CH.1 - 100KHZ CH8=SYNC - 595 CH9=CH.2 - 100KHZ CH10=CH.3 - 500KHZ CH11=3.5KHZ TRIG. CH12=CH.4 - 500KHZ CH13=TEAC ID ANNO. CH14=ANNO. SIG. -	TEAC VHS
002	0781449	0800409	1-2	SABLE ISLAND BANK		TEAC VHS
003	0780410	0800702	2	SABLE ISLAND BANK		TEAC VHS
004	0800703	0800952	2	SABLE ISLAND BANK		TEAC VHS
005	0800952	0801241	2-3	SABLE ISLAND BANK		TEAC VHS
006	0801241	0801529	3	SABLE ISLAND BANK		TEAC VHS
007	0801530	0820315	3-6	SABLE ISLAND BANK		TEAC VHS
008	0820321	0820621	6-10	SABLE ISLAND BANK		TEAC VHS
009	0820621	0820914	10-14	SABLE ISLAND BANK		TEAC VHS
010	0820915	0821212	14-17	SABLE ISLAND BANK		TEAC VHS
011	0821214	0832330	17-18	SABLE ISLAND BANK		TEAC VHS
012	0832331	0840226	18	SABLE ISLAND BANK		TEAC VHS
013	0840226	0840517	18-19	SABLE ISLAND BANK		TEAC VHS
014	0840518	0840810	19	SABLE ISLAND BANK		TEAC VHS
015	0840907	0841158	19-21	SABLE ISLAND BANK		TEAC VHS
016	0841158	0860048	21-22	SABLE ISLAND BANK		TEAC VHS
017	0860052	0860342	22-24	SABLE ISLAND BANK		TEAC VHS
018	0860343	0860630	24-26	SABLE ISLAND BANK		TEAC VHS
019	0860632	0860926	26-29	SABLE ISLAND BANK		TEAC VHS
020	0860928	0861140	26-29	SABLE ISLAND BANK		TEAC VHS

TABLE 8

SIDESCAN RECORDS 89-039 CSS HUDSON

<u>ROLL NUMBER</u>	<u>START DAY/TIME</u>	<u>STOP DAY/TIME</u>	<u>GEOGRAPHIC LOCATION</u>	<u>RECORDER</u>	<u>SIDESCAN SYSTEM</u>
001	0781331	0781716	SABLE ISLAND BANK	THERMAL	KLEIN 595 SIDESCAN
002	0800300	0800458	SABLE ISLAND BANK	THERMAL	KLEIN 595 SIDESCAN
003	0800508	0800945	SABLE ISLAND BANK	THERMAL	KLEIN 595 SIDESCAN
004	0800948	0801643	SABLE ISLAND BANK	THERMAL	KLEIN 595 SIDESCAN
005	0820125	0820546	SABLE ISLAND BANK	THERMAL	KLEIN 595 SIDESCAN
006	0820549	0821055	SABLE ISLAND BANK	THERMAL	KLEIN 595 SIDESCAN
007	0821100	0821355	SABLE ISLAND BANK	THERMAL	KLEIN 595 SIDESCAN
008	0832200	0840533	SABLE ISLAND BANK	THERMAL	KLEIN 595 SIDESCAN
009	0840538	0841346	SABLE ISLAND BANK	THERMAL	KLEIN 595 SIDESCAN
010	0852348	0860215	SABLE ISLAND BANK	THERMAL	KLEIN 595 SIDESCAN
011	0860219	0861135	SABLE ISLAND BANK	THERMAL	KLEIN 595 SIDESCAN

3.5 ACOUSTIC PROFILER RECORDS 89-039 CSS HUDSON

<u>ROLL NUMBERS</u>	<u>START DAY/TIME</u>	<u>STOP DAY/TIME</u>	<u>LINE NUMBER</u>	<u>GEOGRAPHIC LOCATION</u>	<u>RECORDER</u>	<u>NOTES</u>
001	0781323	0781709	1	SABLE ISLAND BANK	EPC4100	
002	0800248	0801322	2-3	SABLE ISLAND BANK	EPC4100	
003	0801325	0801654	3	SABLE ISLAND BANK	EPC4100	
004	0820136	0821219	4-17	SABLE ISLAND BANK	EPC4100	
005	0821223	0840827	17-20	SABLE ISLAND BANK	EPC4100	
006	0840830	0841346	20-21	SABLE ISLAND BANK	EPC4100	
007	0860000	0860401	22-25	SABLE ISLAND BANK	EPC4100	
008	0860408	0861035	25-29	SABLE ISLAND BANK	EPC4100	
009	0861045	0861135	29	SABLE ISLAND BANK	EPC4100	

TABLE 10

BATHYMETRIC RECORDS 89-039 CSS HUDSON

<u>ROLL NUMBER</u>	<u>START DAY/TIME</u>	<u>STOP DAY/TIME</u>	<u>GEOGRAPHIC LOCATION</u>	<u>FREQUENCY</u>	<u>RECORDER</u>
001	0771825	0801659	SABLE ISLAND BANK	12KHZ	LSR
002	0820120	0832315	SABLE ISLAND BANK	12KHZ	LSR
003	0832350	0841355	SABLE ISLAND BANK	12KHZ	LSR
004	0852335	0861145	SABLE ISLAND BANK	12KHZ	LSR

CRUISE TRACKS - 89302.
1:500,000 (MERCATOR, 45N)

63°30'W

63°15'W

63°0'W

62°45'W

62°30'W

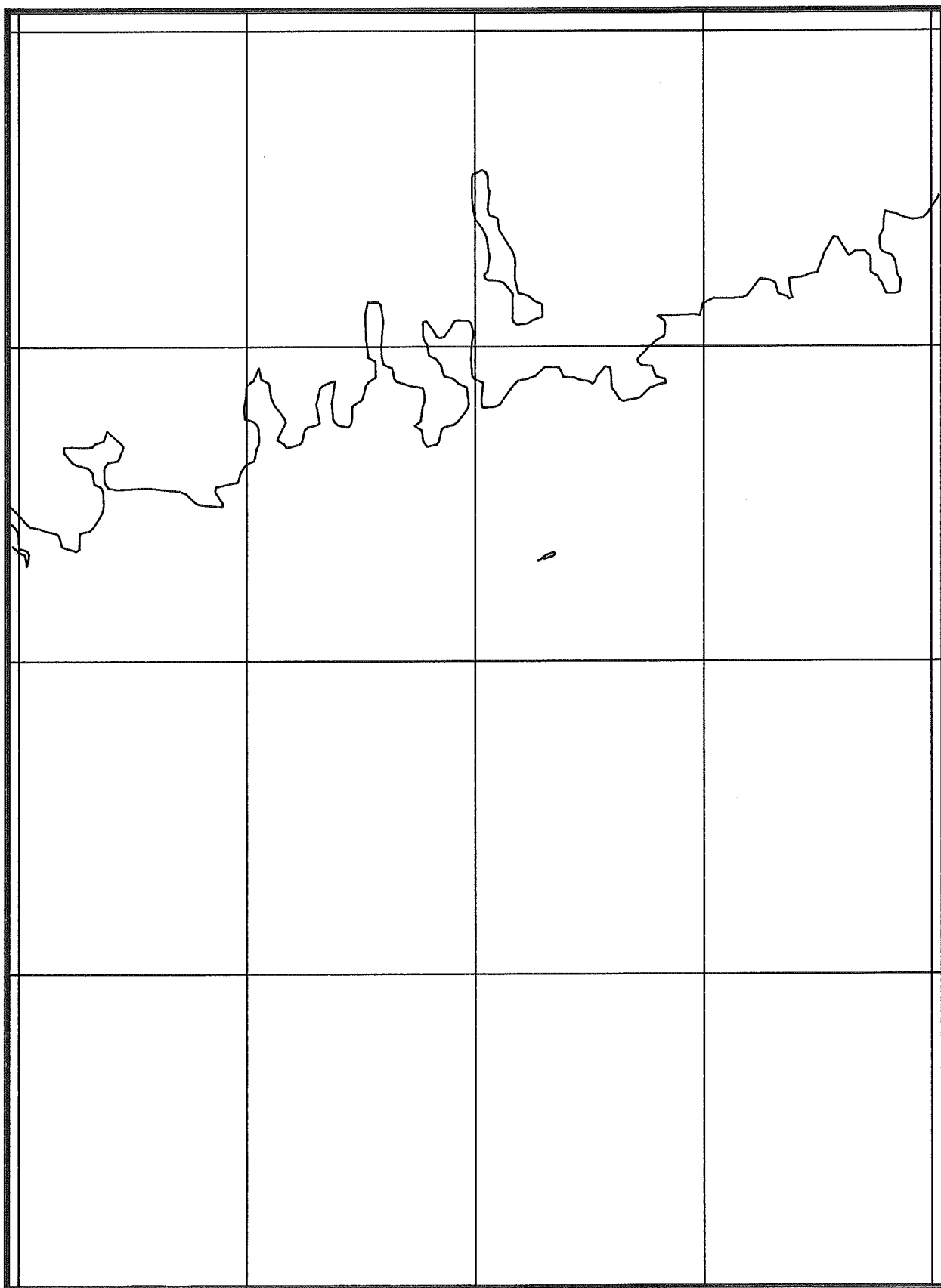
45°0'N

44°45'N

44°30'N

44°15'N

44°0'N



**SIDESCAN AND BATHYMETRY RECORD
INVENTORY 89-302**

RECORD #	START DAY/ TIME	STOP DAY/ TIME	TYPE
1	111/0642	111/0713	Sidescan
	111/0642	119/0835	Bathymetry (3.5 kHz)