ARCTIC DATA COMPILATION AND APPRAISAL VOLUME 5

Baffin Bay: Physical Oceanography — Temperature, Salinity, Current and Water Levels

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1983

CANADIAN DATA REPORT OF HYDROGRAPHY AND OCEAN SCIENCES NO. 5

Fisheries and Oceans Pêches et Océans

Canada

Canadian Data Report Of Hydrography and Ocean Sciences

Data reports provide a medium for the documentation and dissemination of data in a form directly useable by the scientific and engineering communities. Generally, the reports contain raw and/or analyzed data but will not contain interpretations of the data. Such compilations commonly will have been prepared in support of work related to the programs and interests of the Ocean Science and Surveys (OSS) sector of the Department of Fisheries and Oceans.

Data reports are not intended for general distribution and the contents must not be referred to in other publications without prior written authorization from the issuing establishment. The correct citation appears above the abstract of each report. Data reports are abstracted in *Aquatic Sciences and Fisheries Abstracts* and indexed in the Department's annual index to scientific and technical publications.

Data reports are produced regionally but are numbered nationally. Requests for individual reports will be filled by the issuing establishment listed on the front cover and title page. Out of stock reports will be supplied for a fee by commercial agents.

Regional and headquarters establishments of Ocean Science and Surveys ceased publication of their various report series as of December 1981. A complete listing of these publications is published in the *Canadian Journal of Fisheries and Aquatic Sciences*, Volume 39: Index to Publications 1982. The current series, which begins with report number 1, was initiated in January 1982.

Rapport statistique canadien sur l'hydrographie et les sciences océaniques

Les rapports statistiques servent de véhicule pour la compilation et la diffusion des données sous une forme directement utilisable par les scientifiques et les techniciens. En général, les rapports contiennent des données brutes ou analysées, mais ne fournissent pas d'interprétation des données. Ces compilations sont préparées le plus souvent à l'appui de travaux liés aux programmes et intérêts du service des Sciences et levés océaniques (SLO) du ministère des Pêches et des Océans.

Les rapports statistiques ne sont pas destinés à une vaste distribution et leur contenu ne doit pas être mentionné dans une publication sans une autorisation écrite préalable de l'établissement auteur. Le titre exact paraît au-dessus du résumé de chaque rapport. Les rapports statistiques sont résumés dans la revue *Résumés des sciences halieutiques et aquatiques*, et ils sont classés dans l'index annuel des publications scientifiques et techniques du Ministère.

Les rapports statistiques sont produits à l'échelon régional, mais numérotés à l'échelon national. Les demandes de rapports seront satisfaites par l'établissement auteur dont le nom figure sur la couverture et la page du titre. Les rapports épuisés sont fournis contre rétribution par des agents commerciaux.

Les établissements des Sciences et levés océaniques dans les régions et à l'administration centrale ont cessé de publier leurs diverses séries de rapports en décembre 1981. Une liste complète de ces publications figure dans le volume 39, Index des publications 1982, du *Journal canadien des sciences halieutiques et aquatiques*. La série actuelle a commencé avec la publication du rapport numéro 1 en janvier 1982.

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VOLUME 5
Baffin Bay: Physical Oceanography - Temperature, Salinity, Currents and Water Levels

by

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PREFACE

This group of data catalogues is produced by the Ocean Information Division at the Institute of Ocean Sciences. Joint government/industry contract projects have catalogued marine data sets focusing primarily upon oceanography and fisheries. Data set quality appraisals are provided to assist in establishing the usefulness of certain data for particular kinds of analyses and the confidence to be placed in interpretations. This will assist in setting priorities for incorporating the most useful data in the national Marine Environmental Data Service (MEDS) archives. Additional uses range from contributing to research planning, especially for climatological studies, to providing the best available resume of marine data sources for environmental assessments.

Accompanying the accelerating pace of Arctic offshore development activity is the need to review the sufficiency and suitability of available scientific information for design, regulatory and planning purposes. This review process has been divided into three phases: the first phase involves compilation and appraisal of all existing data sets; the second concentrates upon analysis of the suitability of the historical data for contributing to questions of particular interest; while the third relates primarily to analysis and/or interpretation of data and estimation of the scientific confidence in answering particular questions. This report represents the results of the first phase for the physical oceanographic data of the Baffin Bay area.

Dr. Alan B. Cornford
Scientific Editor
Arctic Data Compilation
and Appraisal Series

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J.R. Birch, D.B. Fissel, D.D. Lemon, A.B. Cornford, R.H. Herlinveaux, R.A. Lake, and B.D. Smiley
Arctic Data Compilation and Appraisal.
Volume 5. Baffin Bay: Physical Oceanography - Temperature, Salinity, Currents and Water Levels.
Can. Data Rep. Hydrogr. Ocean Sci. 5: (Vol. 5) 372 p

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ABSTRACT

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This volume is one of a group of catalogues designed to compile and appraise marine data sets for the Canadian Arctic. For user convenience, the group has been organized with its subject matter divided into three general disciplines: physics, chemistry and biology. The Arctic has been arbitrarily divided into seven geographical areas incorporating, where possible, major oceanographic regions. The format throughout has been structured to facilitate comparison among subjects and regions. With such a large undertaking it is not possible to provide all reports at once. Therefore catalogues which are presently available in the series are indicated on the inside back cover of each volume.

Data collection is a continuing process and further updates of the catalogues are planned. Readers are requested to submit corrections and additions by writing the issuing establishment. Such corrections will be incorporated in on-line computerized data set listings and will be continuously available upon request.

SOMMAIRE

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Le présent volume fait partie d'un groupe de catalogues destinés à compiler et à évaluer les séries de données marines sur l'Arctique canadien. Pour plus de commodité, la question traitée est structurée en trois grandes disciplines: physique, chimie et biologie. L'Arctique a été divisé arbitrairement en sept régions géographiques qui englobent autant que possible les grandes régions océanographiques. Les catalogues sont présentés de façon à faciliter la comparaison entre les sujets et les régions. Le domaine est si vaste qu'il est impossible de fournir tous les catalogues en une seule fois. Les catalogues de la série actuellement disponibles sont indiqués à la fin de chaque volume à l'interieur de la couverture.

La collecte des données est un processus permanent et il est prévu de mettre à jour les catalogues par la suite. Les lecteurs sont invités a soumettre par écrit les corrections et les additions à l'établissement auteur. Ces corrections seront traitées en direct sur ordinateur et incorporées aux listages qui pourront être obtenus sur demande.

ACKNOWLEDGEMENTS

The authors wish to express their thanks to the many different people and organizations who assisted with information and data during the course of the compilation. In particular, we wish to thank J. Gagnon of the Marine Environmental Data Service in Ottawa and H. Odum of the National Oceanographic Data Center in Washington, D.C., for providing access to their data files. The Greenland Technical Organization provided information on oceanographic data collected in the Davis Strait region. Information and assistance were received from D. Gregory, Bedford Institute of Oceanography; Dr. H. Ito of ETH, Zurich; the information sections of Defence Research Establishment Ottawa and Pacific; S. Tooma of Naval Ocean R&D; B. de Lange Boom, Seakem Oceanography Ltd.; L. Brooks of Chevron Oil; Dr. E.R. Pounder, McGill University; Dr. E. Sadler, Defence Research Establishment Pacific; and F. Barber of Ocean and Aquatic Services Affairs Branch, Dept. of Fisheries and Oceans, Ottawa. Special thanks are also due to S. Norton and B. Clarke of Arctic Sciences Ltd. for their dedication in preparing the manuscript, and to S.D. Ball of the Institute of Ocean Sciences for her aid in preparation of the maps. Credit for most of the computer program development goes to S. Oberski and R. Chave of Arctic Sciences Ltd.

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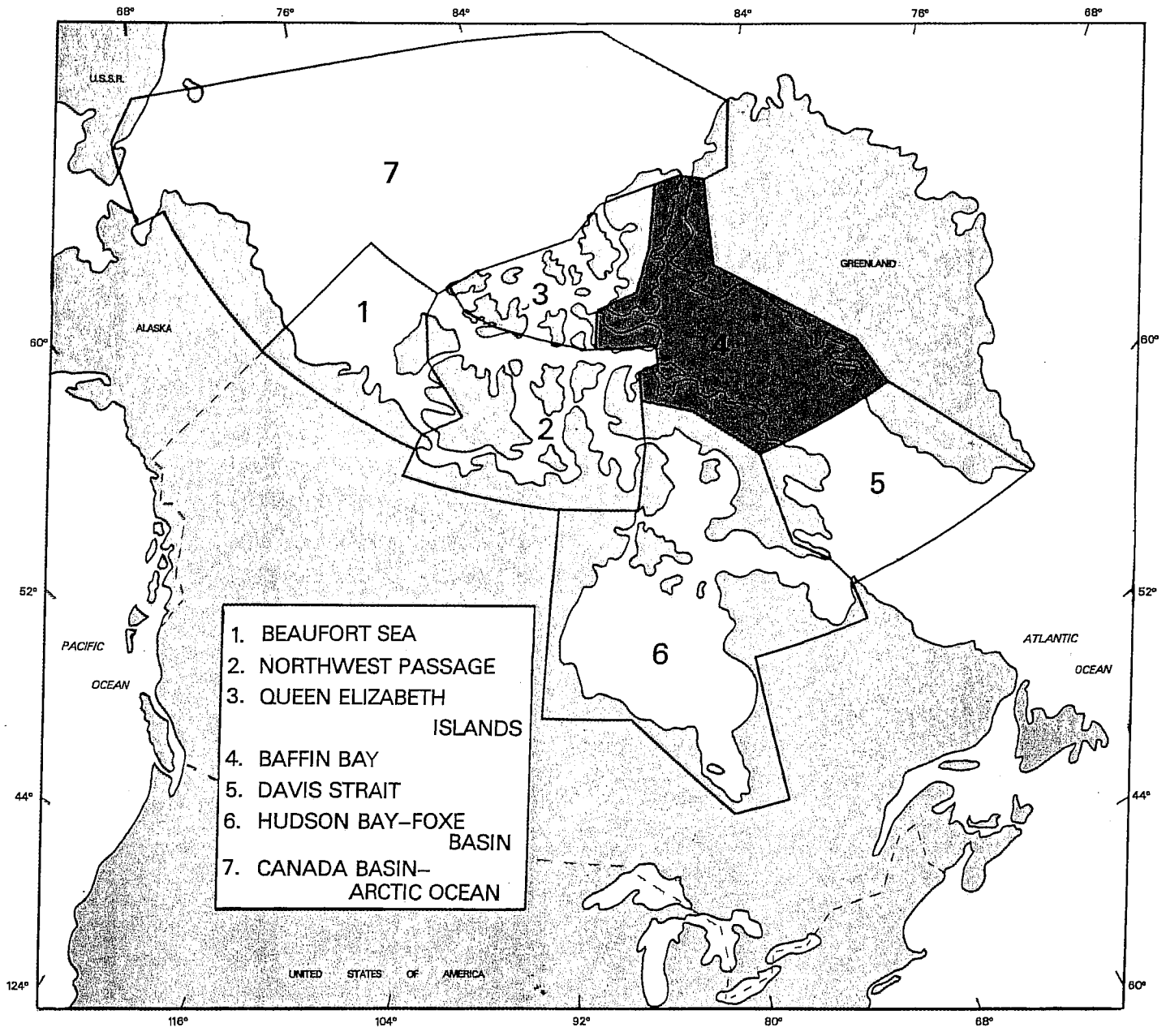
ARCTIC DATA COMPILATION AND APPRAISAL

VOLUME 5

BAFFIN BAY: PHYSICAL OCEANOGRAPHY



The area covered by this volume is shaded in the map above.

VOLUME 5: Baffin Bay: Physical Oceanography
Temperature, Salinity, Currents and Water Levels

VOLUME ABSTRACT

This inventory contains a catalogue of physical oceanographic data from the Baffin Bay. Times and locations of measurements are listed and displayed graphically for temperature-salinity, current meter, water level and drifter data. Meteorological and ice information are not included. Yearly plots showing the locations of all measurements are included, as are indexes by area and measurement types. References and sources are listed for all data included in the inventory.

Key words: Baffin Bay, Nares Strait, Jones Sound, currents, inventory, salinity, temperature, tides, water properties.

1. INTRODUCTION

In this report, the physical oceanographic data collected in Baffin Bay and the waters south and east of Ellesmere Island are catalogued. The information provided includes the time and locations of measurements, the parameters measured, and the type of instrumentation. The data themselves are not included but a source for the data and any reports or references are cited wherever possible. This will enable potential users of the data to determine what is available in their area of interest, or what data were collected using a specific measurement technique, and whether or not that data may be of value.

Data taken from 1900 through 1981 are included. Earlier data exist (see Section 3), however they are crude by today's standards. Surface-only measurements, many of which were collected near Disko Island, have not been included. These data are available in the Conseil Permanent International Pour L'Exploration de la Mer Bulletin Hydrographique series.

The data inventory is ongoing. As new data and previously unaccessible data become available, they will be added to a computerized data base maintained at the Institute of Ocean Sciences, Sidney. Information concerning new data sets, older data sets which are not in the catalogue, or errors, should be submitted to the Ocean Information Section of the Institute of Ocean Sciences.

2. STUDY AREA

The study area includes Baffin Bay (north of latitude 68°) and the adjoining inlets and sounds (but not Lancaster Sound), and the waters adjoining southern and eastern Ellesmere Island (Figure 1).

Baffin Bay has a deep (nearly 2400 m), flat basin in the centre. The eastern boundary is characterized by a series of wide banks. Along the Baffin Island coast the continental shelf is much narrower. Depths decrease northward towards Smith Sound; a sill of 250 m depth in Kane Basin separates

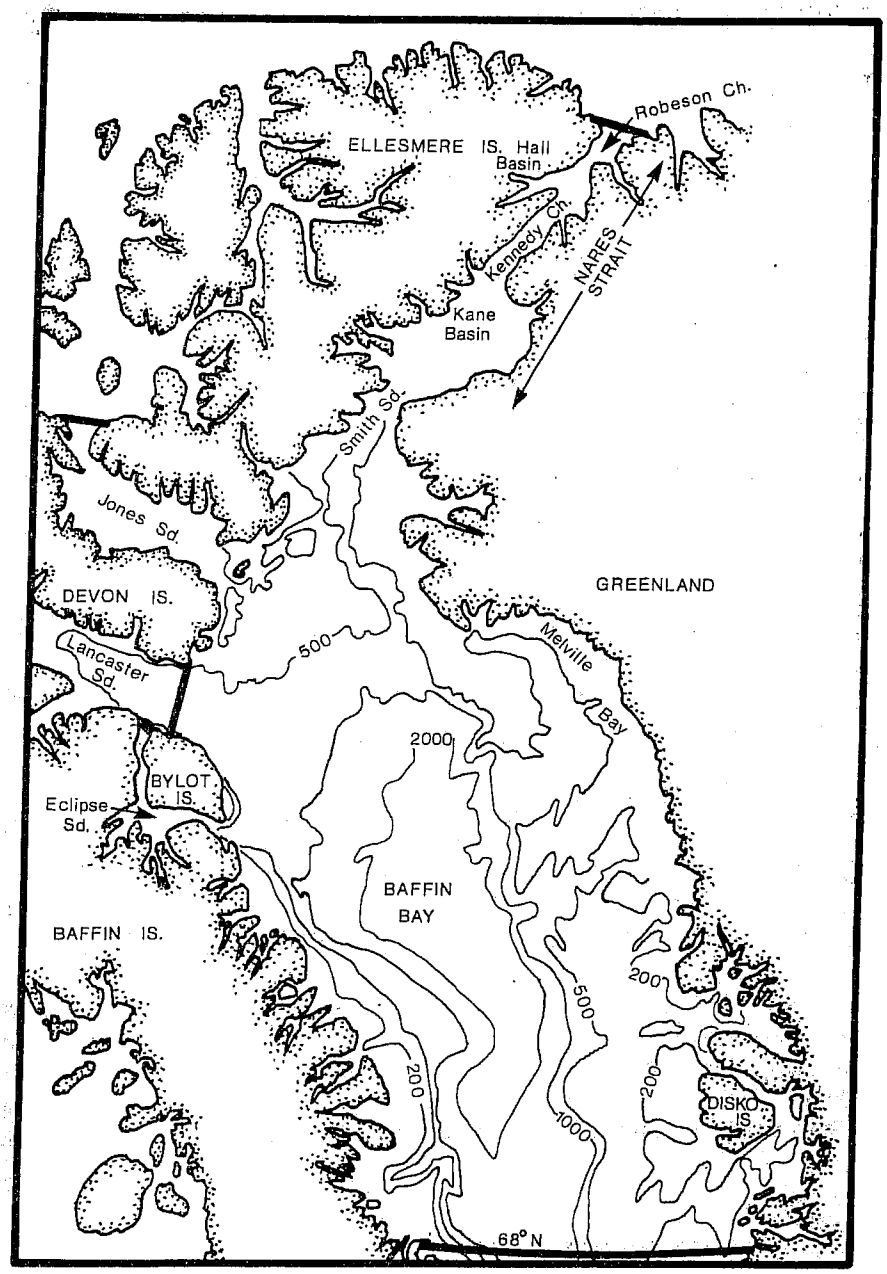


Figure 1: Geographic limits of Baffin Bay physical oceanographic data compilation. Depth contours are in metres.

the bay from the Arctic Ocean. A sill of similar depth in Barrow Strait restricts the flow of Arctic water through Lancaster Sound. South of latitude 67°N, the bay is restricted by the eastward extension of Baffin Island and the west Greenland coast; the sill of Davis Strait has a maximum depth of 675 m and separates the bay from the Labrador Sea.

Waters of both Atlantic and Arctic origin meet in Baffin Bay. Arctic water flows south and east through the channels of the Canadian Arctic Archipelago, entering Baffin Bay through Smith, Jones and Lancaster Sounds. These waters are relatively cold and fresh, and dominate the upper 200 m of western Baffin Bay. They flow south along the shelf break forming the Baffin Current, travelling at speeds on the order of 30 cm/s (Fissel et al., 1982). The West Greenland Current transports warm, saline Atlantic water up the east side of the bay. In western Baffin Bay Atlantic water is present in the water column at depths of roughly 200 to 1000 m. The reader is referred to Muench (1971) and Fissel et al. (1982) for more details on the physical oceanography of Baffin Bay.

Most of Baffin Bay is ice covered in winter. The North Water, south of Smith Sound, remains relatively ice free. Around late June the North Water expands south. The bay clears from the north and east, and is ice-free by September (except possibly for a strip along the Baffin Island coast between Clyde and Cape Dyer). Freeze-up begins again around October.

Icebergs are common in Baffin Bay. Most originate along the west coast of Greenland and move cyclonically around the bay, and then south along the west side of Davis Strait.

3. HISTORICAL DATA

The first accounts of non-native exploration of this area date back to 1000 A.D. when Norse Vikings colonized Greenland. The Vikings had extended their exploration to the region of Smith Sound by 1266.

Baffin, in 1616, was the first to record the existence of an ice-free area in northern Baffin Bay, now known as the North Water. During the 1800's explorers such as Ross, Parry, Franklin, and the subsequent searchers for Franklin's party, gathered information on currents mainly from ship drift and experience. The ice-locked drift of the Resolute in 1852 indicated an eastward flow in Lancaster Sound and a southerly flow in western Baffin Bay.

In 1860 Hayes took temperature observations in northern Baffin Bay and detected warm Atlantic Water below the cold surface layer. Surface temperature measurements were collected using the steamer Polaris by personnel of the U.S. Arctic Expedition, 1871-1873. In 1875 Moss and Nares obtained temperature and chloride data (calculated from specific gravity), allowing the differentiation of the various water masses (Moss, 1878). Other data, such as temperature data in 1873 (Bessels, 1876), were collected but these data are crude by today's standards and have not been included in this catalogue. The reader is referred to Dunbar (1951) and Dunbar et al. (1967) for a review of the nineteenth century data.

The yearly level of oceanographic effort in the twentieth century is best illustrated as a plot of number of bottle/CTD stations per year versus time (Figure 2). Before 1950, the Godthaab expedition stands alone as the most

comprehensive oceanographic survey of the area. In the 1950's and 1960's Canadian and American vessels frequented the area, partly to show the flag, and also to collect data for military purposes. The lull in the early 1970's was followed by studies concerning the environmental impact of offshore oil and gas exploration.

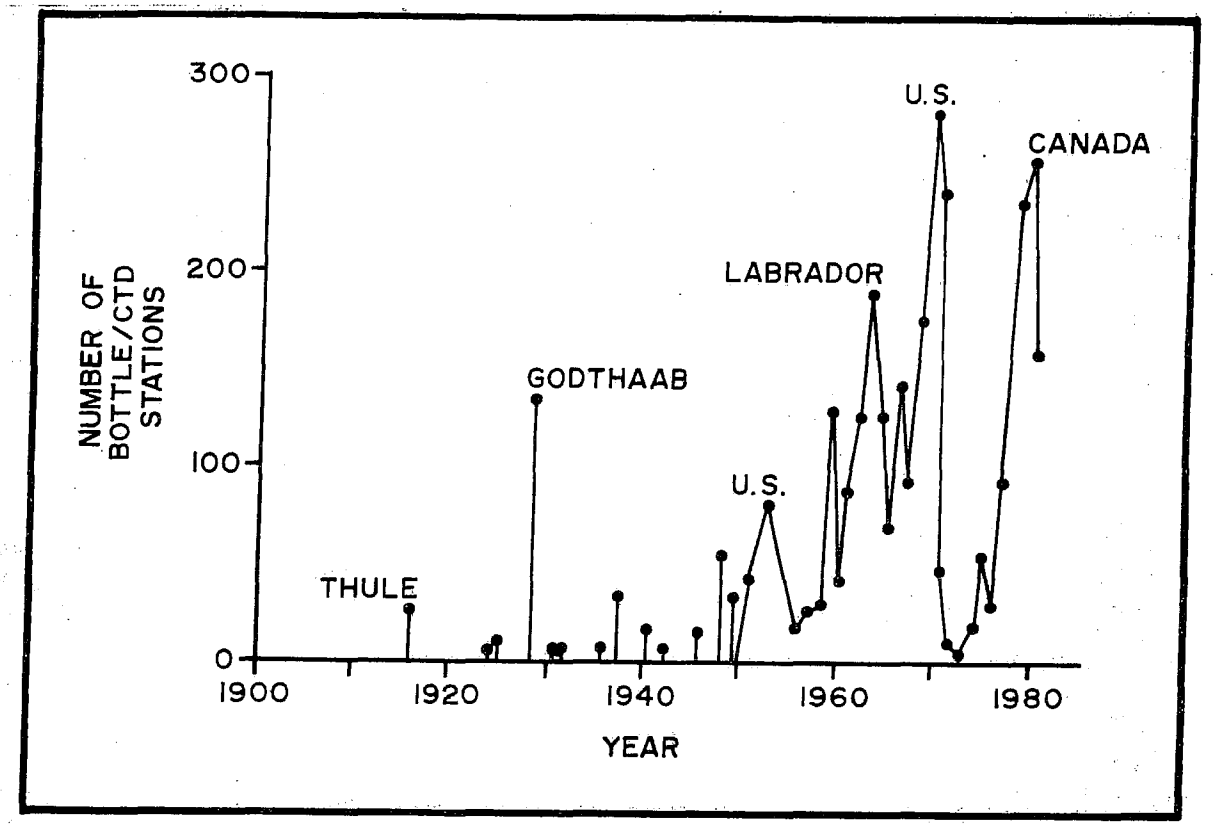


Figure 2: Plot of bottle/CTD measurements versus year for the area covered by this data compilation report.

4. GENERAL REPORT LAYOUT AND USER INSTRUCTIONS

4.1 DATA SETS

The data are organized in sets, where each set consists of data of a common type taken on a single expedition or cruise, usually by a single institution or organization. Thus, unless otherwise noted, all the data within a single set is assumed to have been collected in a uniform manner and should conform to a common standard of measurement.

Each data set has been assigned an identification number of the form yy-nnnn, where yy = last 2 digits of the year in which data were collected and nnnn = order of identification for that particular data set for that year. The data set number is a unique identifier which applies throughout the entire series of inventories; any set identified, for example, as 72-0009 is the same data set no matter where the reference to it is made. Gaps may appear in the

sequence of data set numbers in this inventory for a particular year, because each data set will not appear in every discipline and geographical area.

4.2 INVENTORY ORGANIZATION

Table 1 (Section 8) lists all the data sets in the inventory in order by data set number. It provides a summary description of each set including the times, areas and methods of measurements. Table 1 also gives a listing of concurrent measurements from other disciplines.

Geographical and measurement type indexes are in Section 10. The sub-areas in the geographic index are shown on the map in Figure 1. Section 10 also contains an index of references, ordered by data set number. It is primarily an index of original data reports, although ancillary papers analyzing or discussing the data are listed if they came to our attention.

Measurement locations are plotted in a series of maps in Section 9. Four different maps, all in Lambert Conformal Conic projection, have been used to plot data (Figure 3). In all cases, the coastlines have been smoothed and small islands have been removed to avoid clutter. A key to the symbols on the maps is at the beginning of Section 9.

Detailed listings of the times and locations of individual measurements are in Section 11. There is a separate listing for each data type. The beginning of Section 11 explains the format of the listings.

Data sets were rated according to the criteria in Section 5. The ratings are listed in Table 1. Appendix 1 contains comments explaining the reasons for low ratings, a list of any errors found in each data set, and any other pertinent remarks concerning the data. The comments are ordered by data set number.

Section 6 contains a general description of the extent of the data available in Baffin Bay. Sections 6.1 and 6.2 describe its geographical and seasonal distribution. Section 6.3 tabulates instances of repeated measurements in the same area, and instances where measurements were carried out simultaneously, in different areas, or by different agencies.

Data sets which were not complete or sufficiently documented are discussed in Section 12. Also unavailable data such as the 1947 Edisto results are mentioned there.

4.3 SAMPLE USE OF THE INVENTORY

A typical use of the inventory might go as follows:

1. Consult the indexes in Section 10 to determine which data sets contain appropriate measurements in the desired areas.

2. Consult the maps in Section 9 to determine the number and disposition of measurements.

3. Refer to Table 1 for an overall description of each data set including the dates spanning the measurement period and an abbreviated listing of sources for the data.

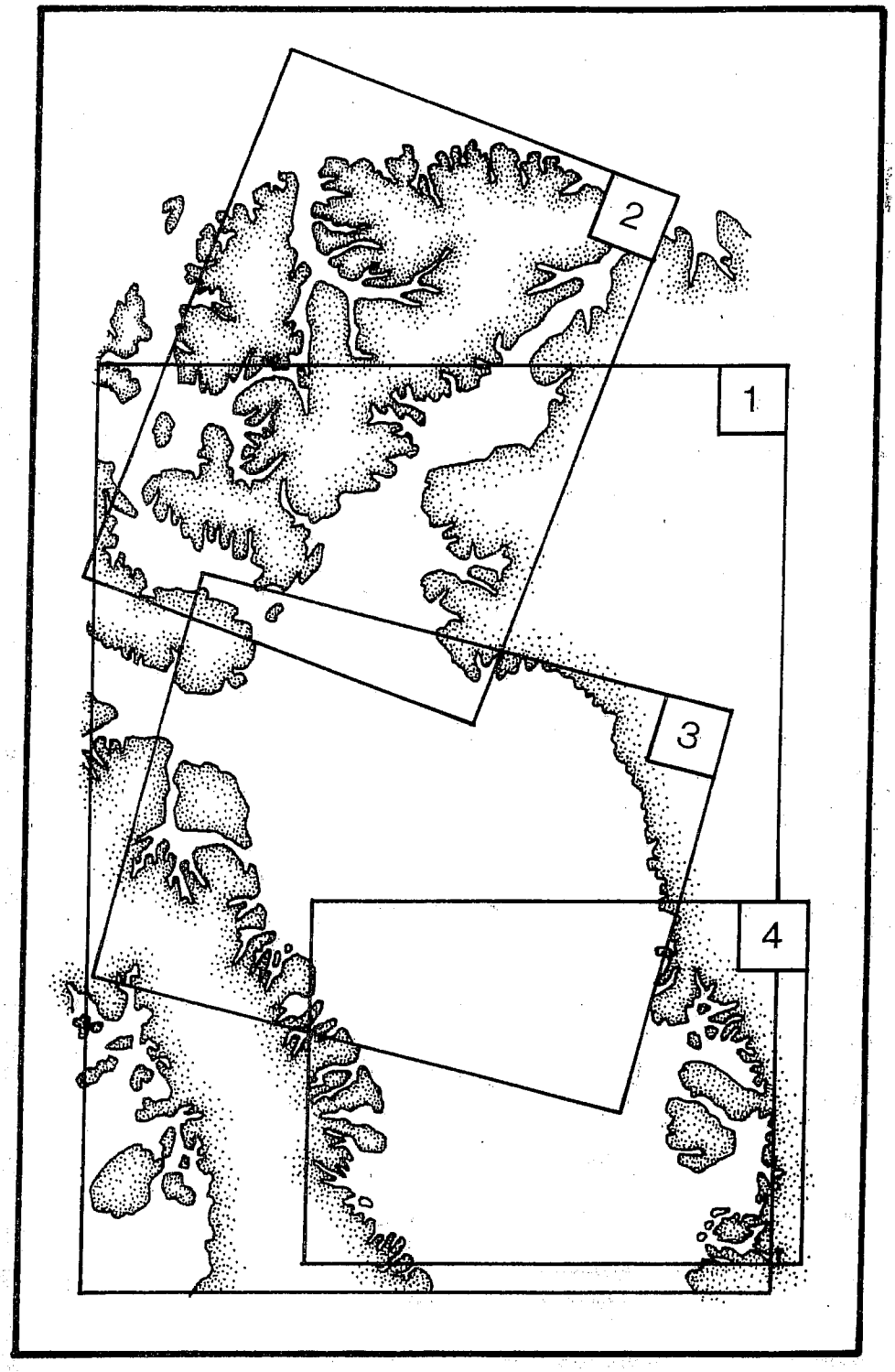


Figure 3: Four maps used to plot station locations. All maps are Lambert Conformal Conic projection. The scaling for maps 1, 2, 3 and 4 are 1:6,800,000, 1:4,100,000, 1:4,000,000 and 1:3,900,000, respectively.

4. If more specific information is required concerning the timing or location of individual measurements in the set, refer to Section 11.

5. Refer to Table 1 and Appendix 1 for information concerning the instruments and methods used in collecting the data, estimates of its accuracy and its overall rating.

6. Consult the reference index in Section 10 for works referring to or using the data.

Another example might go as follows:

1. Examine the maps in Section 9 for measurements during a particular year, and note the data set numbers of interest.

2. Refer to Table 1 to find the range of measurement dates, measurement methods and accuracies and data sources.

3. Continue with steps 4, 5 and 6 from the first example.

5. DATA RATING, APPRAISAL

5.1 TYPES OF DATA

5.1.1 BOTTLE CAST DATA

These data consist of temperature and salinity measurements at discrete depths (ideally the international standard depths) by means of reversing thermometers and sampling bottles. Temperature accuracies of 0.01°C may be achieved by averaging two or more carefully read, well-calibrated thermometers. Some investigators have used hydrometers ($\pm 0.2^{o}$/oo) and refractometers ($\pm 0.5^{o}$/oo) for the determination of salinity, but up to 1960 salinity was usually obtained by titrating the water samples drawn from the bottles; replicate titrations in the hands of a good operator could yield results precise to 0.01^{o}/oo. In the 1960's, salinometers measuring salinity via the conductivity of the sample replaced titrations. A precision of 0.003^{o}/oo can be obtained with the better instruments, although in the past, systematic errors of 0.02^{o}/oo or more could be introduced by variations in the standard water used to calibrate these instruments. New international standards for salinity should eliminate the latter source of error (Lewis and Perkin, 1978).

5.1.2 CTD DATA

CTD data are data produced by in-situ profiling instruments variously called STD (salinity-temperature-depth), STP (salinity-temperature-pressure), CTD (conductivity-temperature-depth) or CTP (conductivity-temperature-pressure) profilers. Fundamentally, all are CTP devices; the variations in output and name depend solely upon the degree of internal data processing. All instruments perform the same basic function of measuring (more or less continuously) temperature and conductivity as a function of depth. The precision achievable with such devices depends upon the individual instrument. The best are capable of a precision of 0.005°C and 0.005^{o}/oo, although

accuracy in salinity, until recently, was limited to approximately $\pm 0.02^{o}/oo$ because of the inconsistencies in salinity standards and definitions (Walker and Chapman, 1973).

5.1.3 BATHYTHERMOGRAPH

The bathythermograph (BT) is a thermo-mechanical device which measures water temperature as a function of pressure. Its information is produced as a trace on a smoked glass slide which can be read to an accuracy of $\pm 0.2^{\circ}C$ and ± 2 m depth if well calibrated. The BT was widely used in conjunction with reversing thermometers but have largely been superseded by the CTD.

5.1.4 SELF-RECORDING CURRENT METERS

By the 1970's oceanographers could practically and reliably place and recover self-recording current meters in the water column. In the Arctic, such meters are moored from the sea floor, or hung beneath the ice surface. Meters of this type generally record internally on magnetic tape (in some models photographic film or paper charts were used) or, rarely, telemeter data to a ship- or shore-receiving station. They generally provide time series of current speed and direction, and may have other sensors (such as temperature, pressure or conductivity) mounted as well. Current speed and direction are usually measured by one of two methods: either by a propellor or rotor for measuring speed and a vane for direction sensing, or by measuring two orthogonal components of the current speed. Component speeds may be measured by propellors, electromagnetic, or acoustic speed sensors. Direction reference is provided either by a magnetic compass or in the case of instruments mounted from ships or from the ice, by using torsionally rigid suspension materials which allow directional reference to be fixed at the surface. Commonly used instruments employing the propellor and vane system are the Aanderaa and Hydroproducts meters; those employing the component measuring system are the Cushing and Marsh-McBirney instruments (electromagnetic), the Neil Brown (acoustic), and the Davis-Weller (orthogonal propellors) instruments.

The precision and accuracy of current meters depend to a great degree both on the design of the instrument, and on the environment in which it is used. Serious problems are encountered if rotor-type meters are used in the wave zone. Calibration drift and sensor fouling can interfere with satisfactory operation of electromagnetic and acoustic sensors. The sampling frequency and integration period selected for the meter can also affect the accuracy of the record.

Special problems in direction measurement are encountered when using compasses in the Canadian Arctic because of the weak horizontal component of the magnetic field due to the proximity of the magnetic pole. Directional accuracies are generally degraded unless the current meter is oriented at the surface via rigid coupling.

5.1.5 PROFILING CURRENT METERS

These current meters provide a series of point measurements of current speed and direction at several depths throughout the water column. Meters used for this purpose are generally of the propellor or rotor and vane design, the oldest common example being the Ekman meter. Measurements usually are

taken from the ice, or from an anchored ship in shallow water. In water too deep for anchoring, a very good positioning system is required to correct for ship movements. The directional precision of the measurements can be degraded by the proximity of the magnetic pole. Unless repeated profiles were taken so as to form a time series, this type of data were not generally catalogued (see Section 12).

5.1.6 SATELLITE-TRACKED DRIFTERS

Satellite-tracked drifters are a comparatively recent invention, dating from the early 1970's. Widespread use of these devices began after the launch of the Nimbus VI satellite carrying the Random Access Measurement System (RAMS) in 1975. In early 1979, the TIROS-N satellite was launched activating System ARGOS which is now used to track all devices.

Both RAMS and System ARGOS compute position from the Doppler shift of a signal transmitted from the buoy to the satellite. On each pass of the satellite the position (and any other data being measured) is received and sent to a ground facility where the data are processed. The RAMS system produced positional accuracies of approximately $\pm$2 km. Prior to summer, 1978, RAMS produced an average of 8 valid fixes per day in northern latitudes. During the remainder of 1978, the number of fixes per day declined to 4 and then to 2 by the end of the year. The ARGOS system has an average positional accuracy of $\pm$1.2 km, and produces an average of 10 valid position fixes per day in northern latitudes (Fissel, 1980b).

5.1.7 RADAR OR AIRCRAFT-TRACKED DRIFTERS

This type of drifter usually consists of a float (with or without a drogue) and a radar reflector or visual marker. These devices can be tracked visually or by radar from shore or from a ship or aircraft. The accuracies achievable depend upon the tracking system used, and can be very good if a sophisticated system is available. Data of this type are often limited in their coverage in space and time, and may have gaps resulting from bad weather.

5.1.8 WATER LEVEL GAUGES

Water level data are produced mainly by visual observation of tide staffs, by mechanical shore-mounted float-type gauges, or by bottom-mounted pressure gauges. The pressure gauges may be self-contained, or they may consist of a pressure sensor connected to a shore-mounted recording device. The mechanical gauges (usually used at the permanent gauge locations) record by means of a pen on chart paper. The data are usually digitized at hourly intervals, resulting in a record with a resolution of approximately $\pm$1 cm, and an accuracy of the order of $\pm$5 to 10 cm. The resolution of the bottom pressure gauges varies from a millimetre to a centimetre, depending upon the instrument type and range. Sampling intervals generally vary between 5 and 60 minutes. Unless corrections are made, bottom-pressure records will also contain signals caused by variations in atmospheric pressure.

5.2 DATA RATING SCALE

5.2.1 RATING CRITERIA

The data appraisal in this inventory is intended to provide the reader with an indication of the quality of each data set and its suitability for comparison with other data sets. The appraisal was based primarily on documentation describing the methods used in collecting and processing the data and the investigator's estimate of its precision, accuracy and utility. Subsequent analysis of the data were also taken into account, i.e. if errors were found in a particular data set during a subsequent analysis, and the results were published, they were used in the assessment.

The information from the sources above were used to assign a numerical rating to each set. The rating system has five levels, defined as follows:

0: data are found to be wrong.

1: data suspect because of ill-defined doubts.

2: insufficient information, was not or could not be investigated.

3: data are internally consistent - patterns or trends within data probably real but comparison with other data sets may pose problems.

4: data are internally consistent and exhibit sufficient standardization that comparison with other 4 rated data should be possible.

5.2.2 ASSIGNMENT OF RATINGS

0 RATING

A data set received a zero rating if serious deficiencies in technique, or significant systematic errors occurred. A zero rating was also assigned if the documentation of the data set was lacking necessary information (e.g. if the positions and times of measurements were not given) and if it seemed likely that the information had never been recorded. Future discoveries of missing information would allow upgrading of the rating in those cases.

1 RATING

A data set received a 1 rating if, either as part of a data report or in subsequent analysis and examination, the original or other investigators questioned the validity of the data without pinpointing specific errors. In general, a 1 rating was assigned if a data set exhibited an atypical distribution of values, or indicated unlikely physical processes, but contained no obvious errors. Such data sets require careful examination before use.

2 RATING

Ratings of 2 were given to data sets for which it was not possible to carry out an appraisal. Such cases include:

(i) Proprietary data, whose existence is known, but about which no details are available.

(ii) Data sets for which we were unable to obtain documentation, but know that data were collected (the 1947 Edisto data for example).

3 RATING

Data received a 3 rating if they were internally consistent within the precision of the methods used to collect the data. Precision is a measurement of the degree of random fluctuation experienced when a measurement is repeated many times, while accuracy is the departure of the measurement (or the mean of a series made under controlled conditions) from the true value. Because oceanographic data is normally taken without replication and under uncontrolled conditions, data taken with instruments of a certain precision will have the same (or poorer) level of accuracy. An exception is the case of a series of temperature-salinity measurements taken within a water body of stable, well-defined characteristics, in which case the mean of the measurement series could provide a measurement more accurate than the precision.

Ratings of 3 were given to all data sets for which no evidence of errors beyond the precision given in Table 1 was found, but which were not measured with the highest precision and accuracy attainable with the present-day instruments described in Section 5.1.

Caution should be exercised when comparing two sets of 3 rated data, as their levels of precision may be quite different. The reader should consult both Table 1 and Appendix 1 for precision and error information.

4 RATING

Data received a rating of 4 if they were measured to the precision available with the modern methods described in Section 5.1, and there was no evidence of systematic or other errors recorded in the documentation.

Of all the physical oceanographic data that were inventoried, the bulk of the data is temperature/salinity measurements. Until the early 1960's, water samples were collected with bottle casts and salinity was determined by titration. During the 1960's, salinities were generally determined using conductivity bridges. From the late 60's on, instruments which measured conductivity and temperature in situ (CTDs) became the standard. Salinity was then computed from the temperature and conductivity values.

CTDs with increased resolution have revealed gradations in salinity where previous chemical analyses indicated homogeneous water. Since both bottle and CTD data may have ratings of 3, caution must be used in any comparison.

Both methods of salinity determination depend on a standard (usually 35°/oo Copenhagen water); variability in the calibration of the instrumentation has in the past resulted in systematic errors of 0.02°/oo or more. During intercalibration of Norwestlant 1-3 data, replicate samples were sent to various labs; salinities determined by these labs differed by 0.01 to 0.02°/oo (Lee and Jones, 1968).

A new, practical salinity scale, where waters of the same conductivity ratio have the same salinity has been proposed (Lewis and Perkin, 1978) and if implemented should reduce systematic errors in salinity. However, most of the historical data remains subject to a $\pm 0.02^{o}/oo$ accuracy limitation.

Current meter data were judged by the instrument characteristics, response, and the deployment methods. The main causes of low ratings are directional errors due to inadequate compensation for the weak horizontal component of the earth's magnetic field, and contamination by mooring motion and wave orbital velocities.

Much of the water level data was received from MEDS with little supporting information. This resulted in the 2 rating for many of these data sets. It may be possible to improve the rating by further searching the files at MEDS and at the Institute of Ocean Sciences, Sidney.

Early European cruise data was often reported in the bulletin of the Conseil Permanent International Pour L'Exploration de la Mer. This bulletin lists dates and locations only, with little supporting detail. Consequently ratings of 2 were often assigned to such data. In order to improve the data rating one would require more information from the collecting agency/country.

6. SUMMARY OF DATA COVERAGE

6.1 SPATIAL COVERAGE, INCLUDING DATA DISTRIBUTION MAPS

BOTTLE/CTD

All the bottle/CTD stations compiled in this report have been plotted in Figure 4. The waters surrounding Disko Island, in southeastern Baffin Bay, have been sampled intensively, largely due to the efforts of Danish fisheries vessels. The strongest currents were found to be around the perimeter of Baffin Bay and later data collection was concentrated in these areas. The stations midway along the Baffin Island coast are due to recent efforts to study a natural oil seep there. Eastern Lancaster Sound was studied extensively as part of an environmental impact survey for proposed oil exploration. Interest in the North Water and the flow through Smith Sound has produced many data sets in these areas.

CURRENT METER

The distribution of current meter moorings (Figure 5) reflects the main areas of scientific and industrial interest. The moorings in Smith Sound and Nares Strait were deployed to study the dynamics of flow through the Nares Strait waterway. Near Disko Island and in northwestern Baffin Bay current meters were used to provide data for analyzing the possible effects of offshore oil exploration.

There is a lack of direct current measurements in the West Greenland Current. To date, little is known of the actual magnitude of the flow and its seasonal variability.

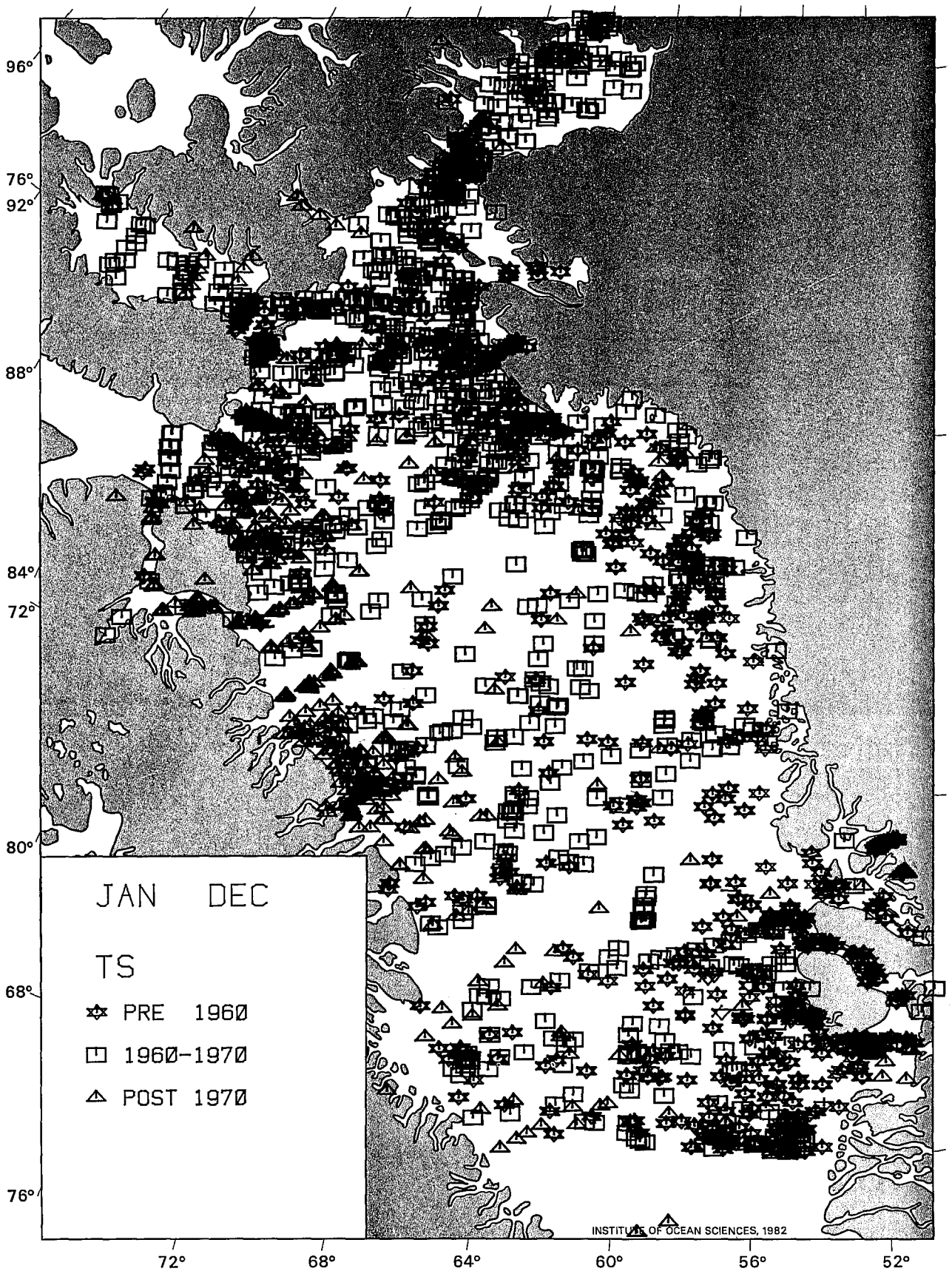


Figure 4a: The locations of all temperature and salinity measurements.

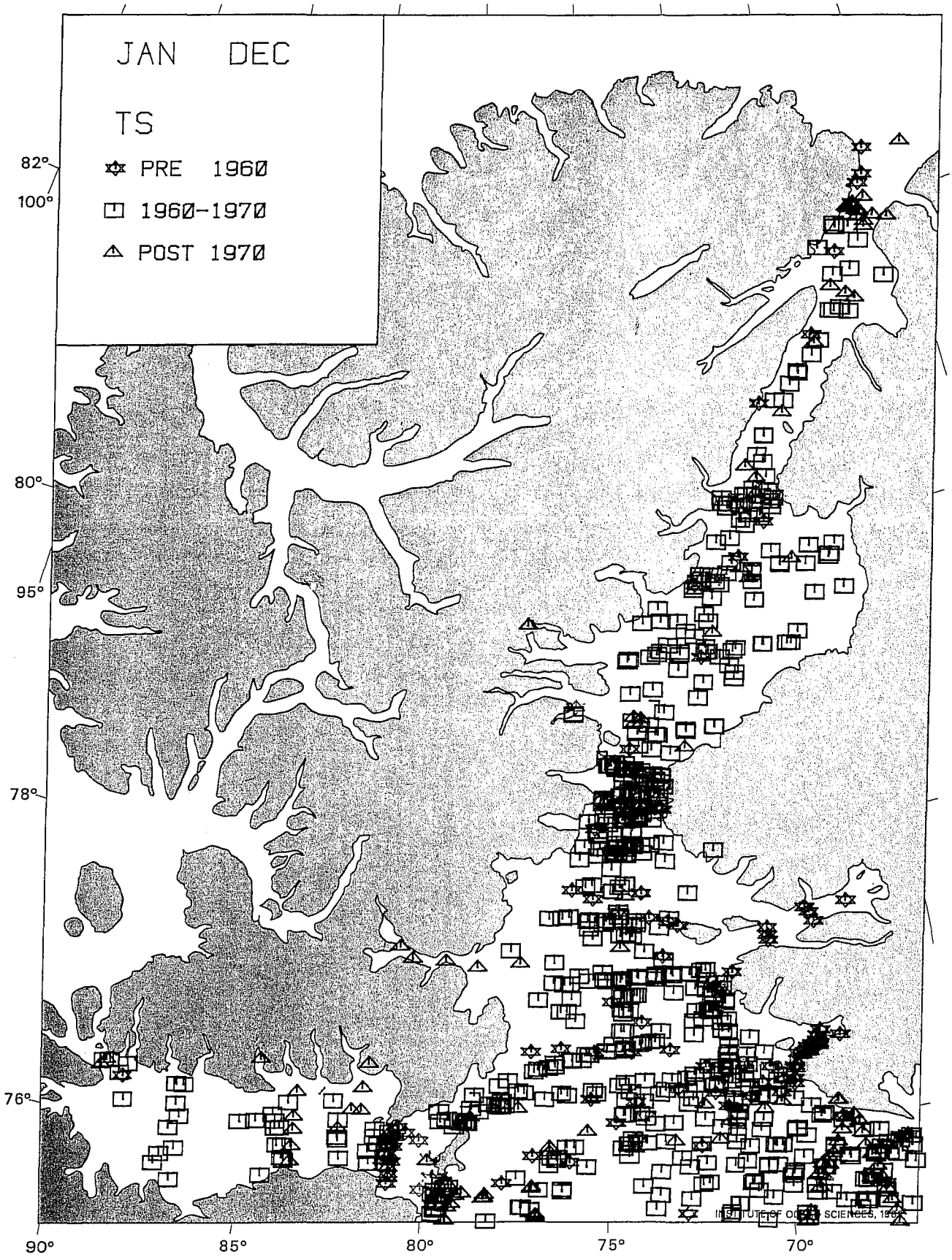


Figure 4b: The locations of all temperature and salinity measurements.

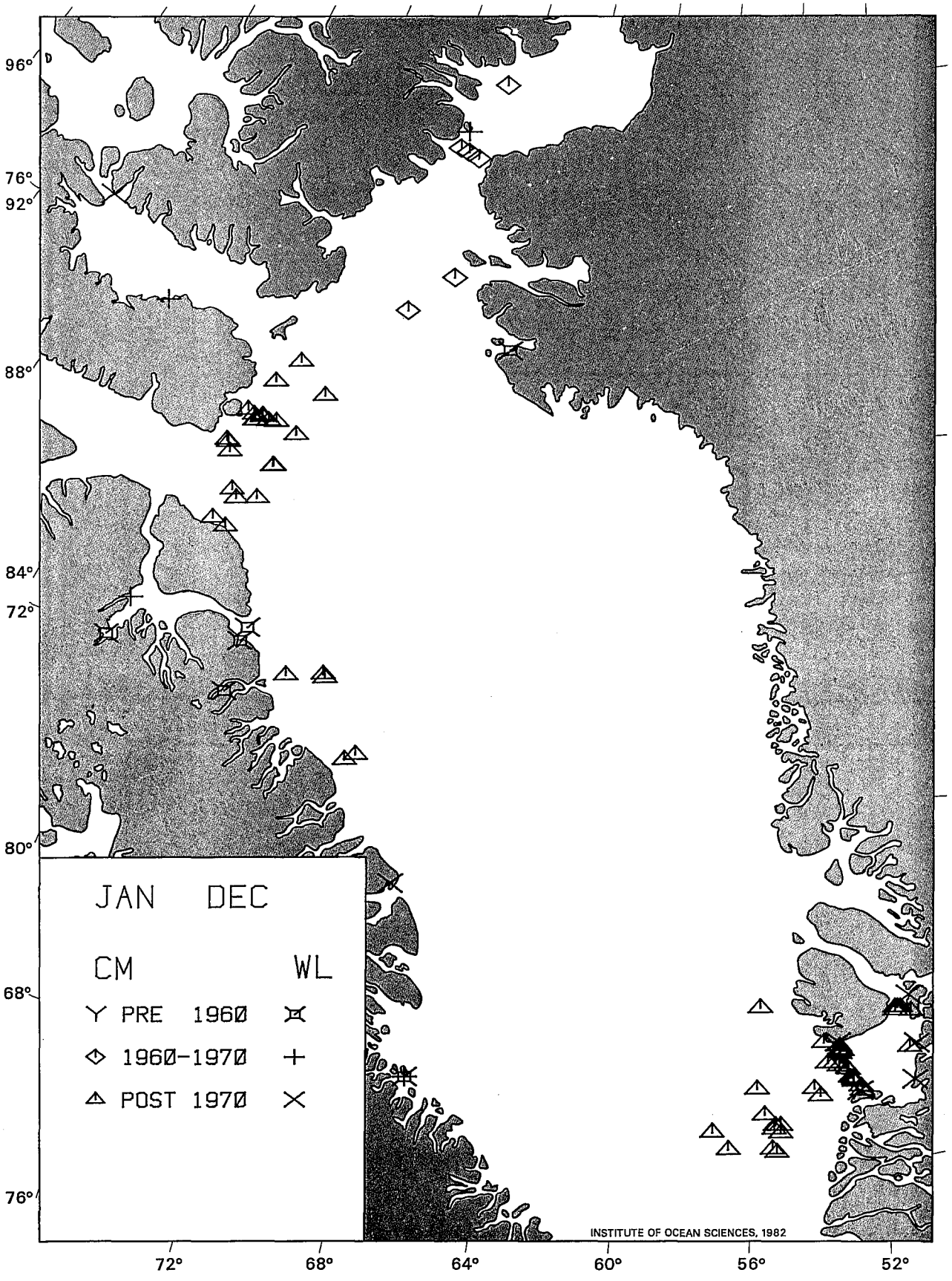


Figure 5a: The locations of all moored current meter and water level measurements.

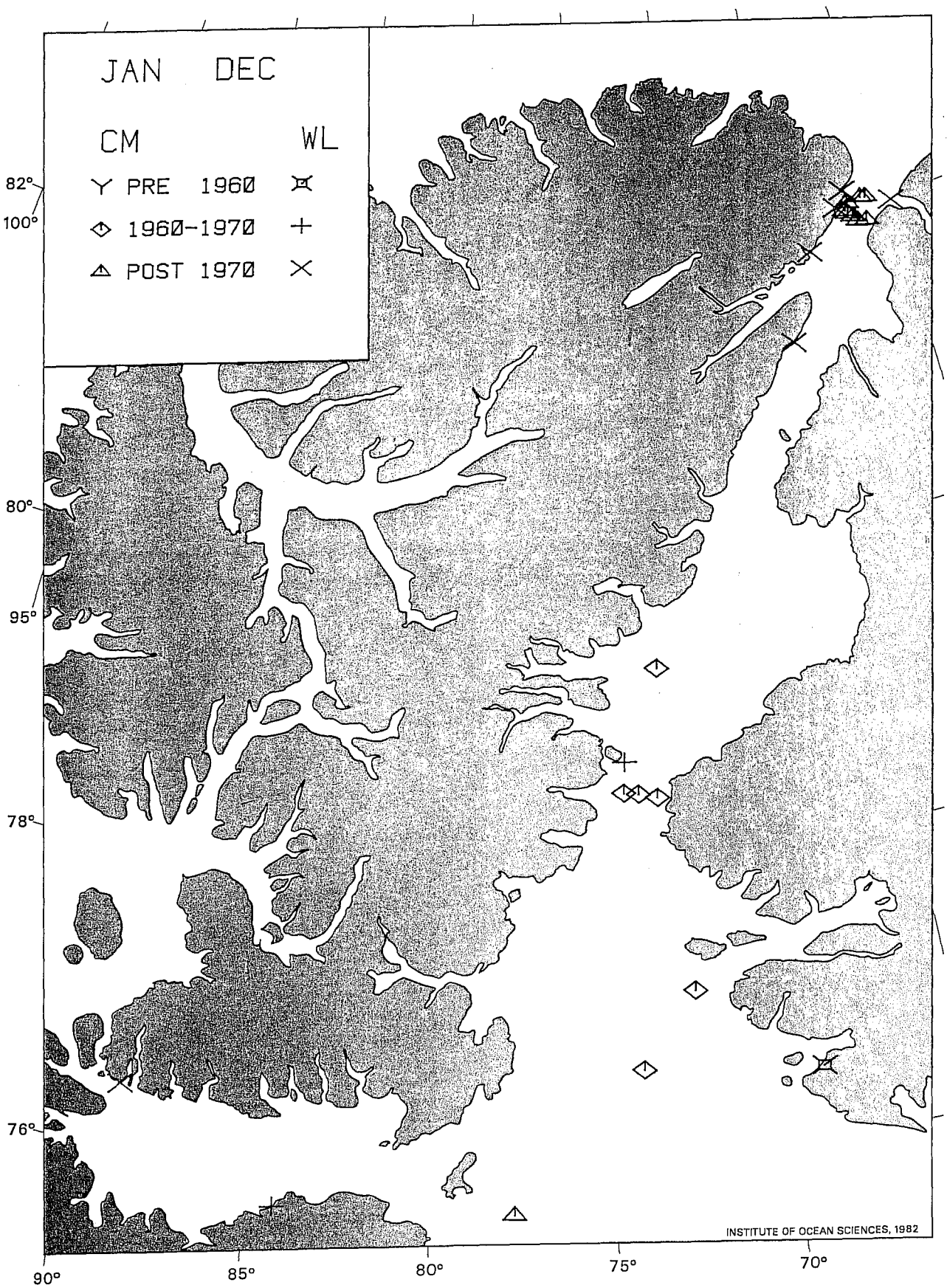


Figure 5b: The locations of all moored current meter and water level measurements.

6.2 SEASONAL COVERAGE, INCLUDING BI-MONTHLY MAPS

BOTTLE/CTD

Bi-monthly distribution plots have been made in order to identify the seasonal variability in data collection. The bottle/CTD plots (Figures 6-11) show a concentration of observations in the relatively ice-free months of July through October. Little winter data exists.

CURRENT METER

The difficulty of winter operation produced a bias for summer current meter mooring work (Figures 12-17). The only winter records were obtained in northwestern Baffin Bay, near the entrance to Lancaster Sound.

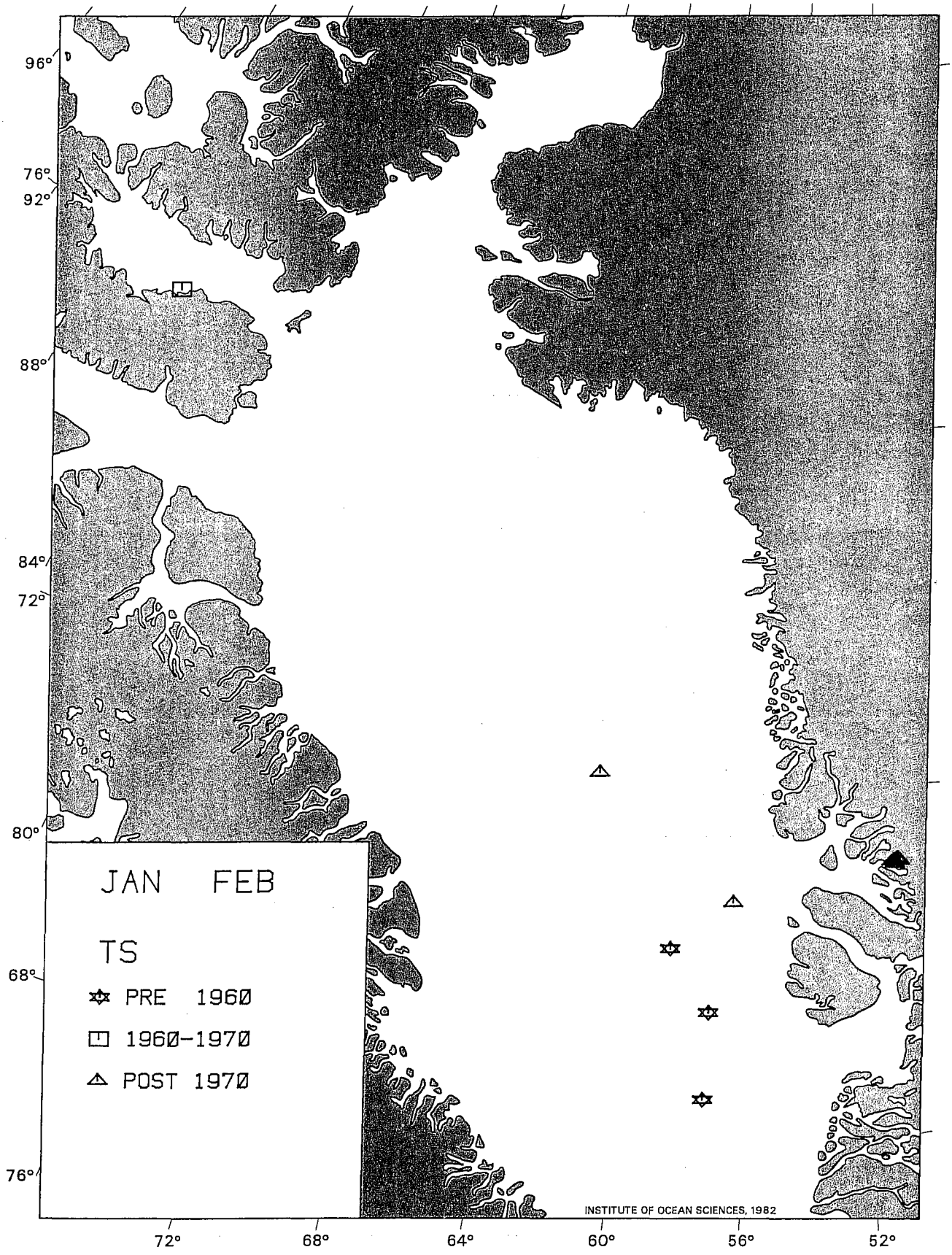


Figure 6a: The locations of temperature/salinity profile data collected during the January-February period, all years.

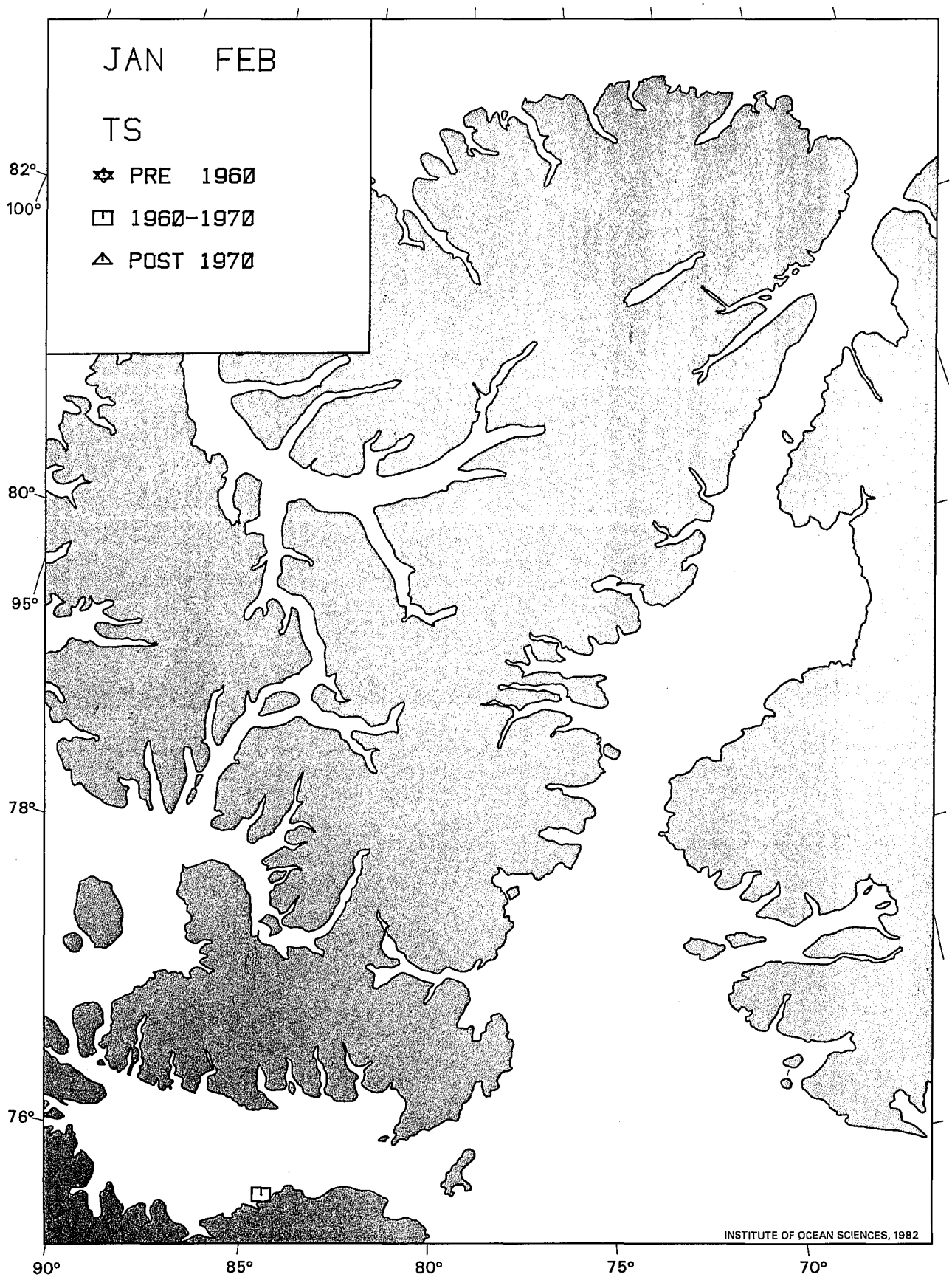


Figure 6b: The locations of temperature/salinity profile data collected during the January-February period, all years.

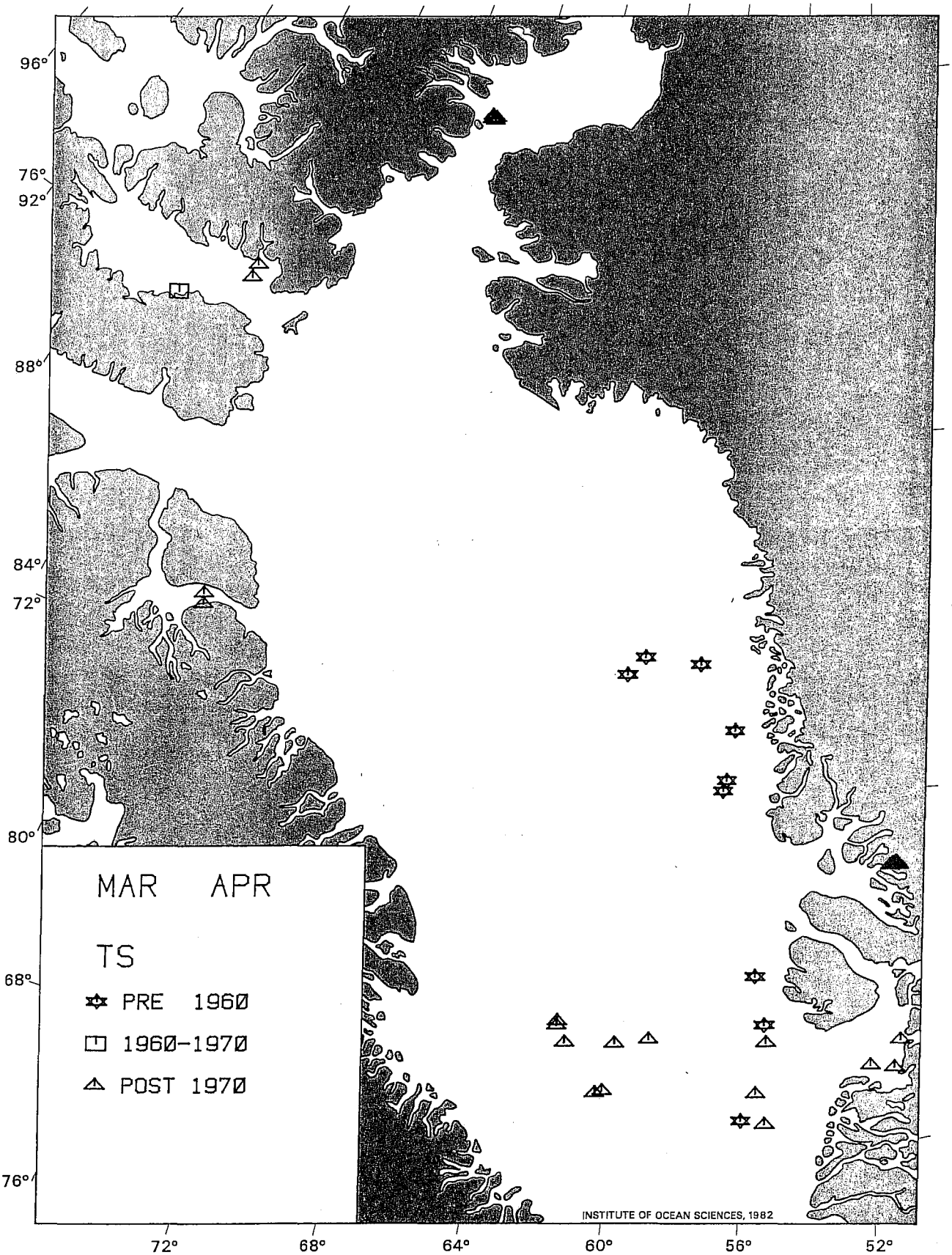


Figure 7a: The locations of temperature/salinity profile data collected during the March-April period, all years.

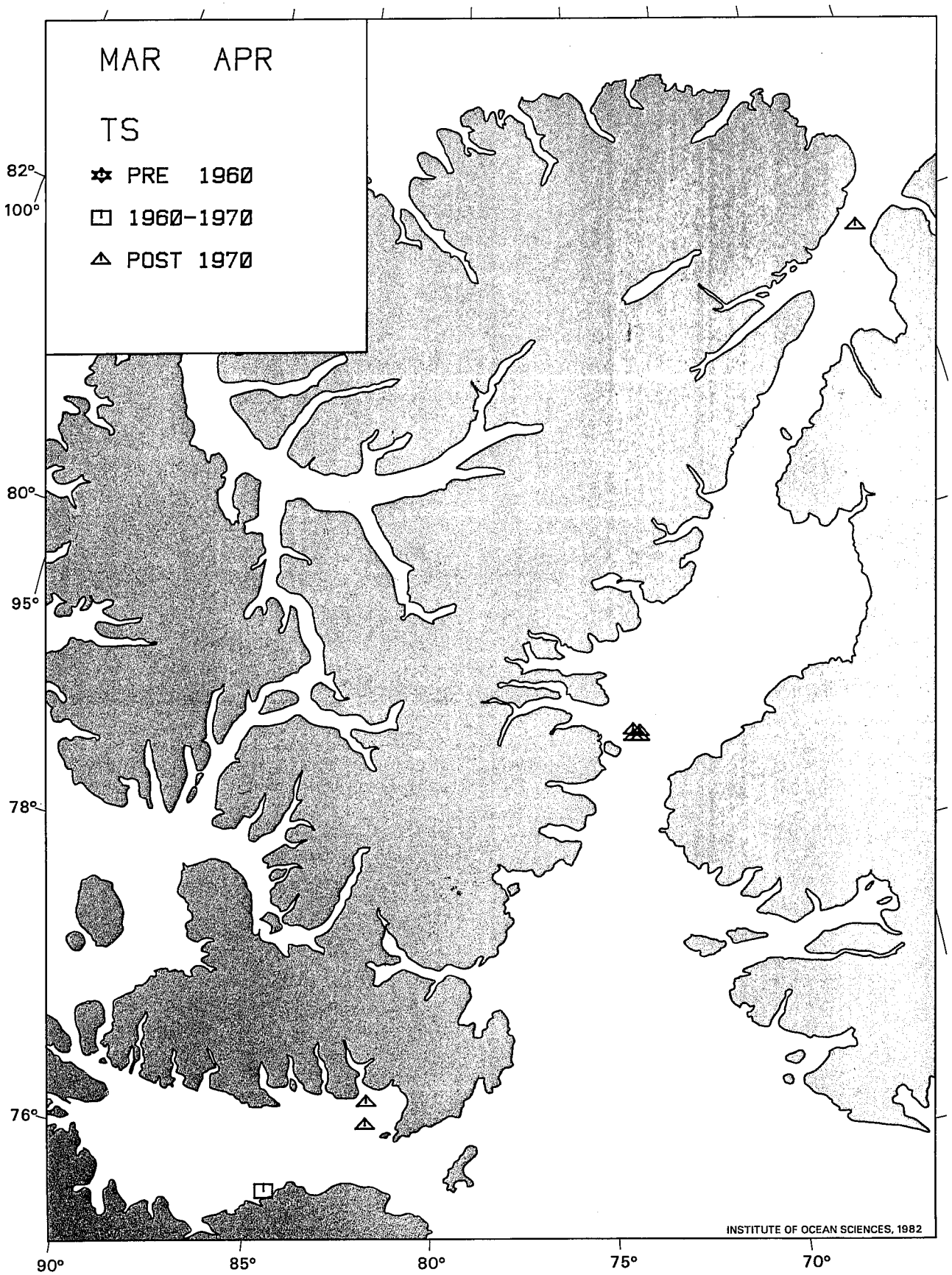


Figure 7b: The locations of temperature/salinity profile data collected during the March-April period, all years.

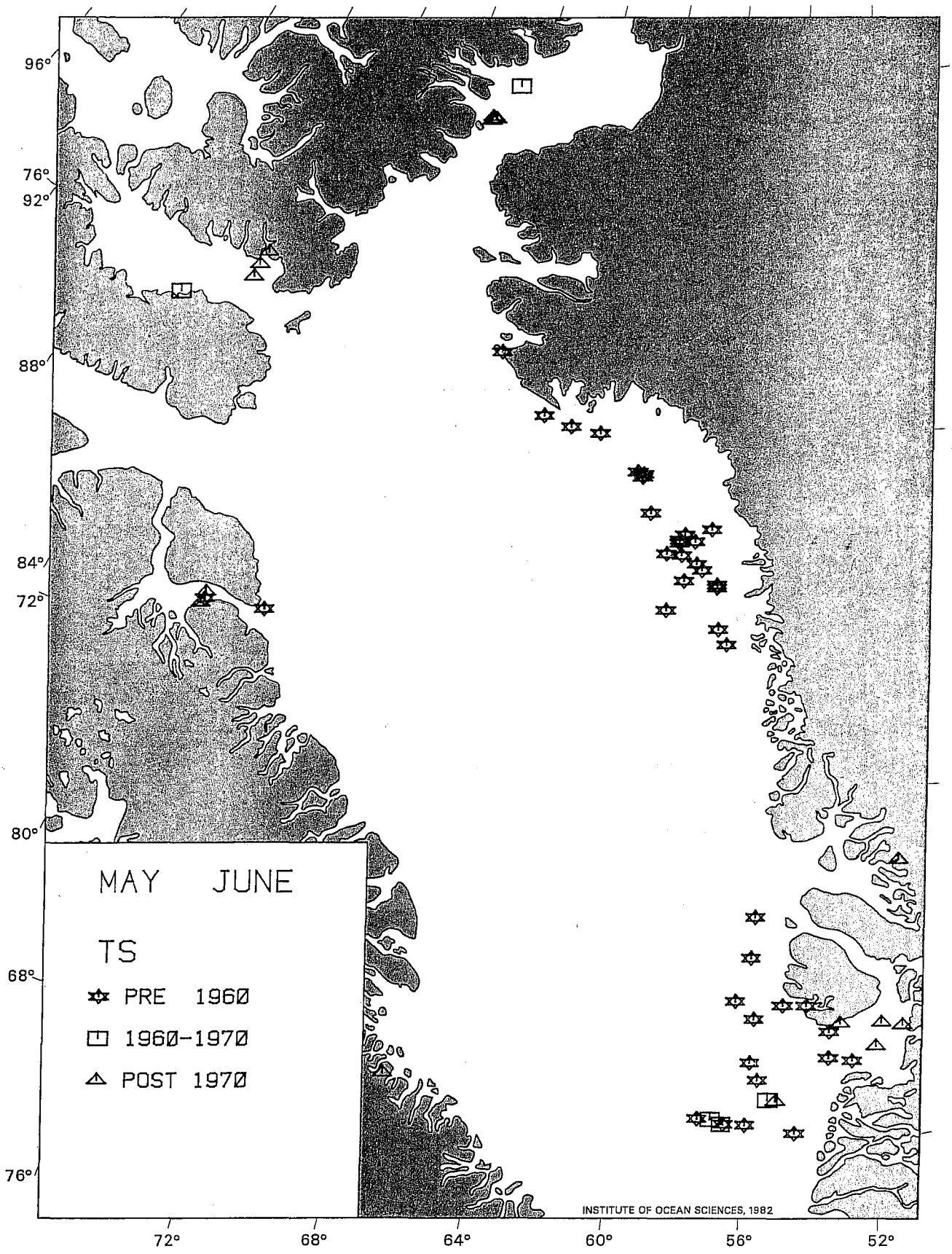


Figure 8a: The locations of temperature/salinity profile data collected during the May-June period, all years.

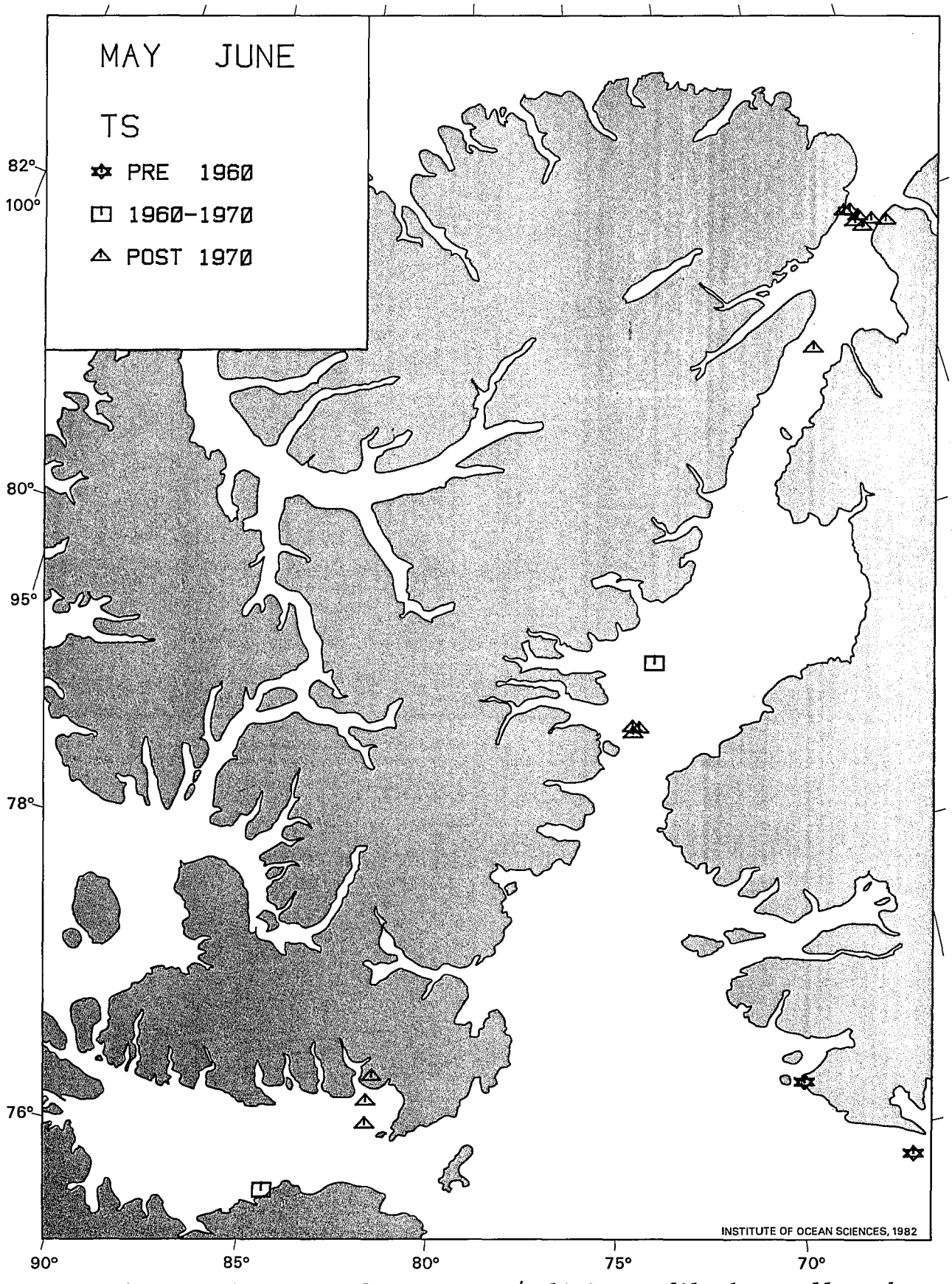


Figure 8b: The locations of temperature/salinity profile data collected during the May-June period, all years.

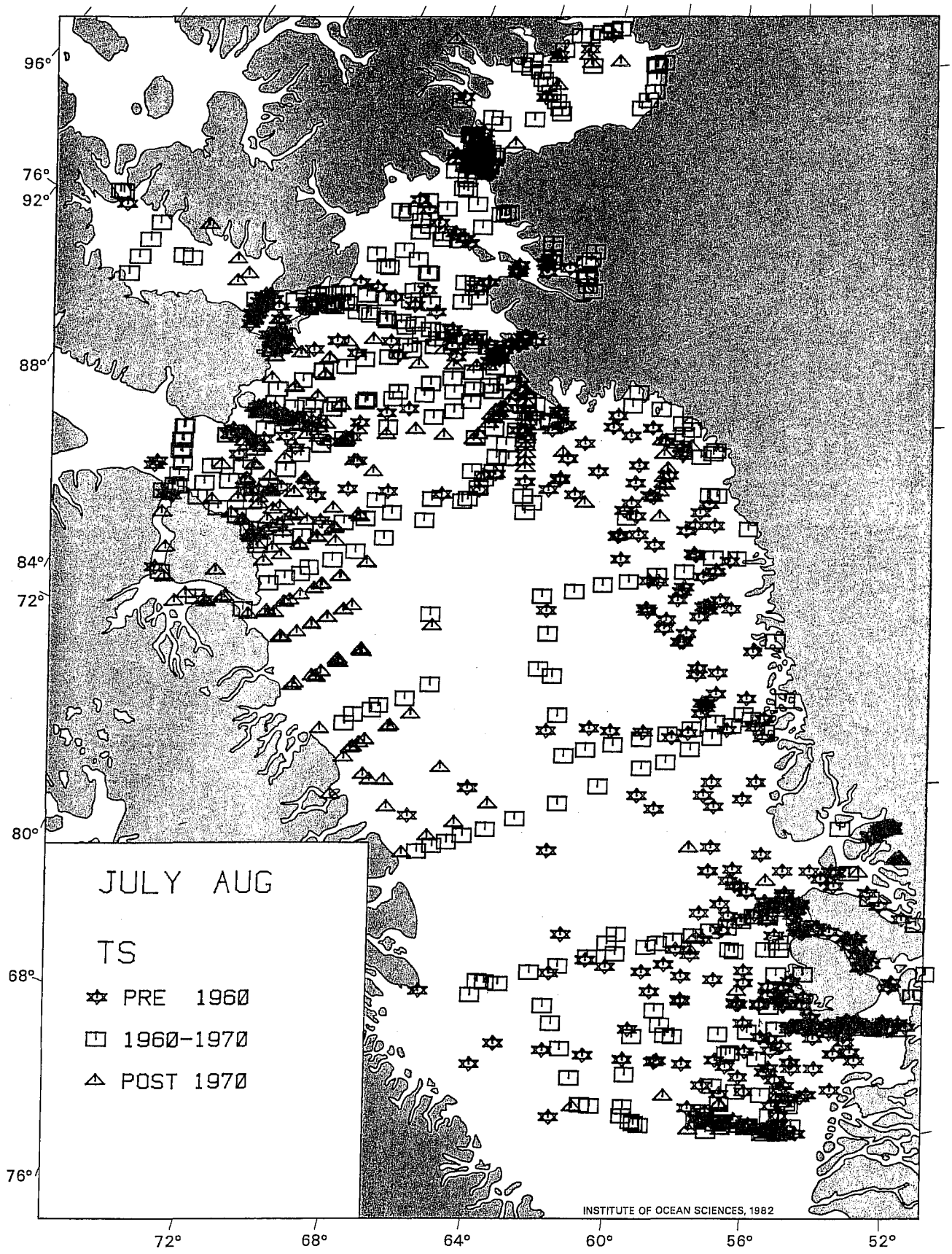


Figure 9a: The locations of temperature/salinity profile data collected during the July-August period, all years.

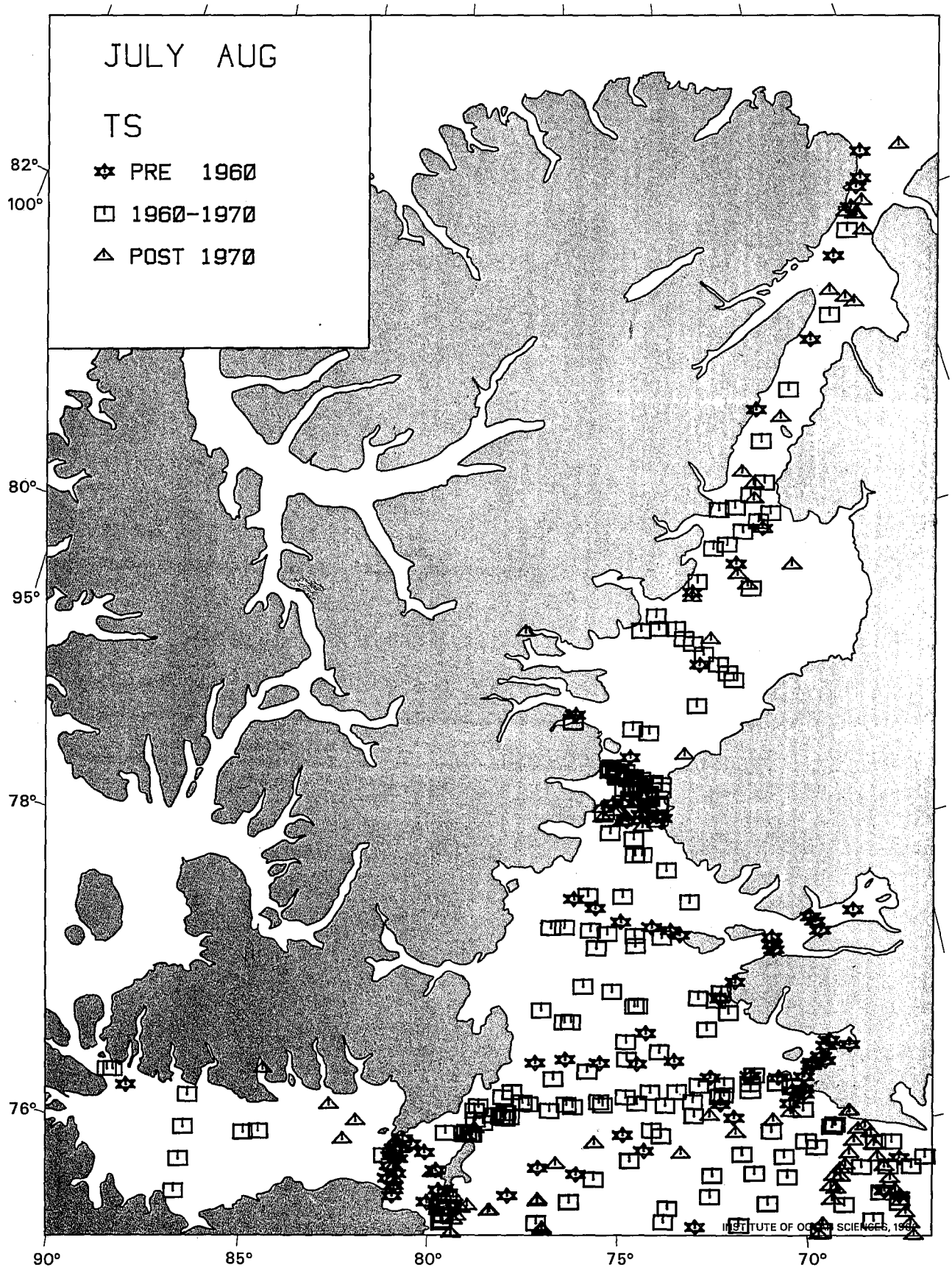


Figure 9b: The locations of temperature/salinity profile data collected during the July-August period, all years.

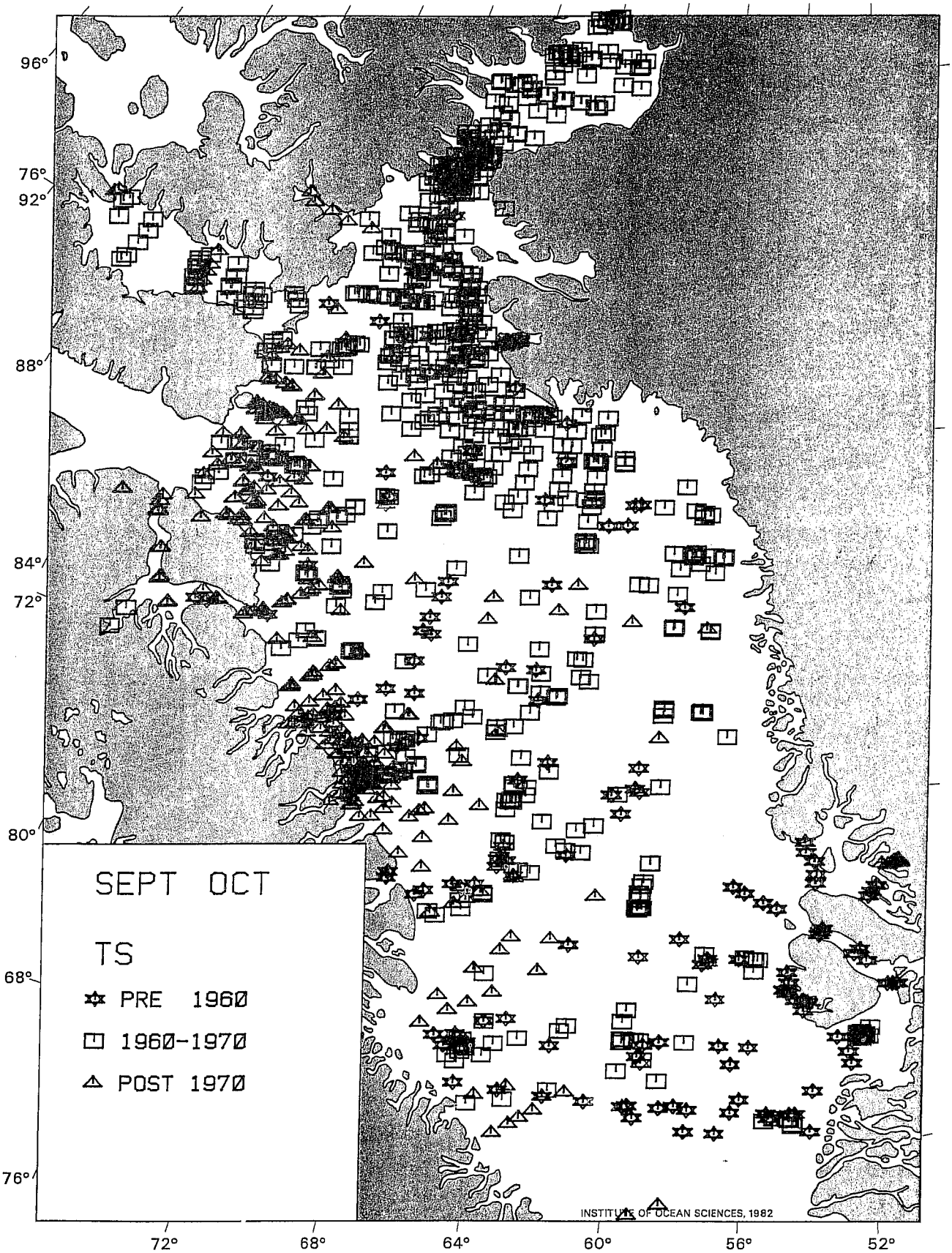


Figure 10a: The locations of temperature/salinity profile data collected during the September-October period, all years.

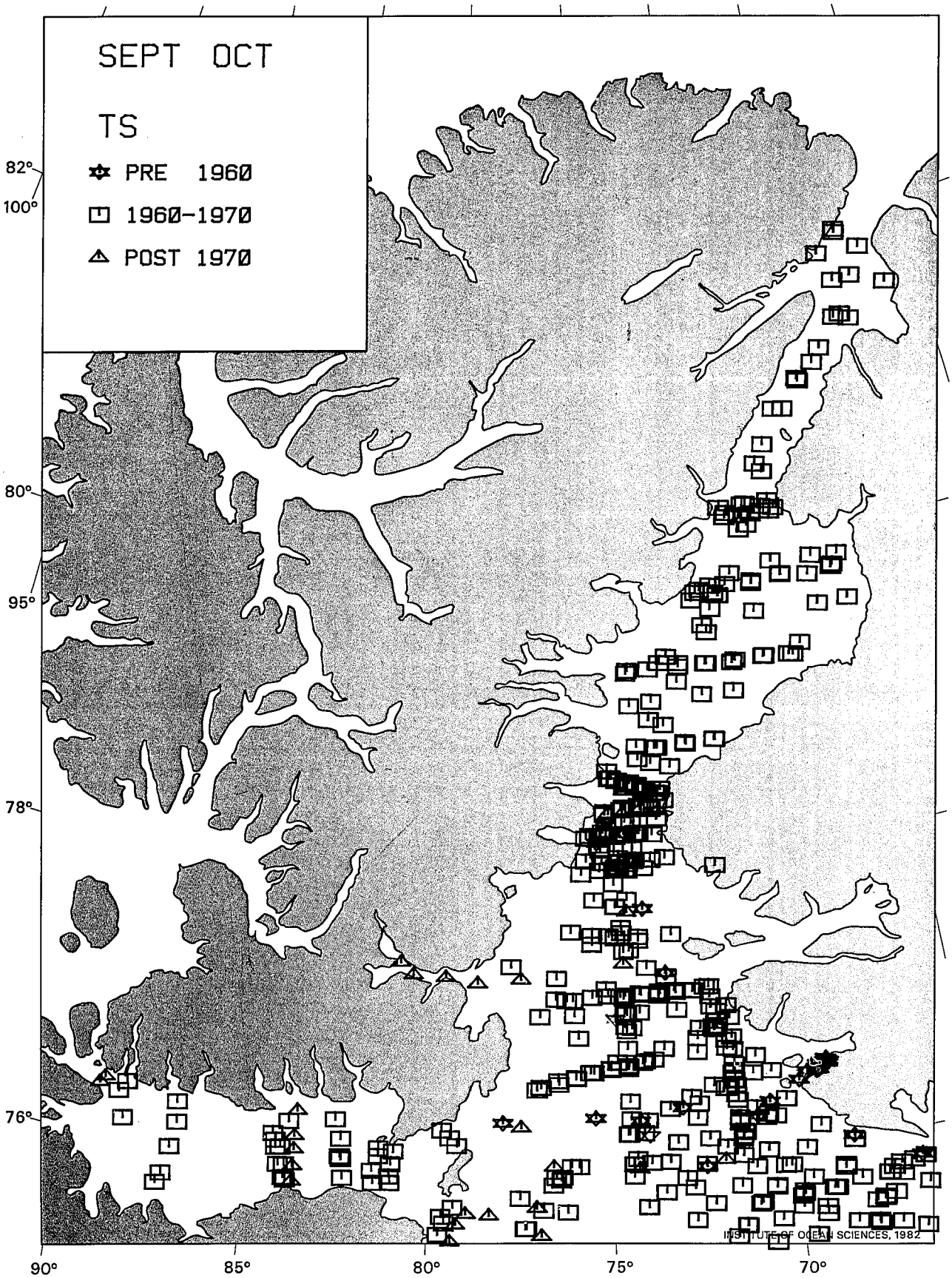


Figure 10b: The locations of temperature/salinity profile data collected during the September-October period, all years.

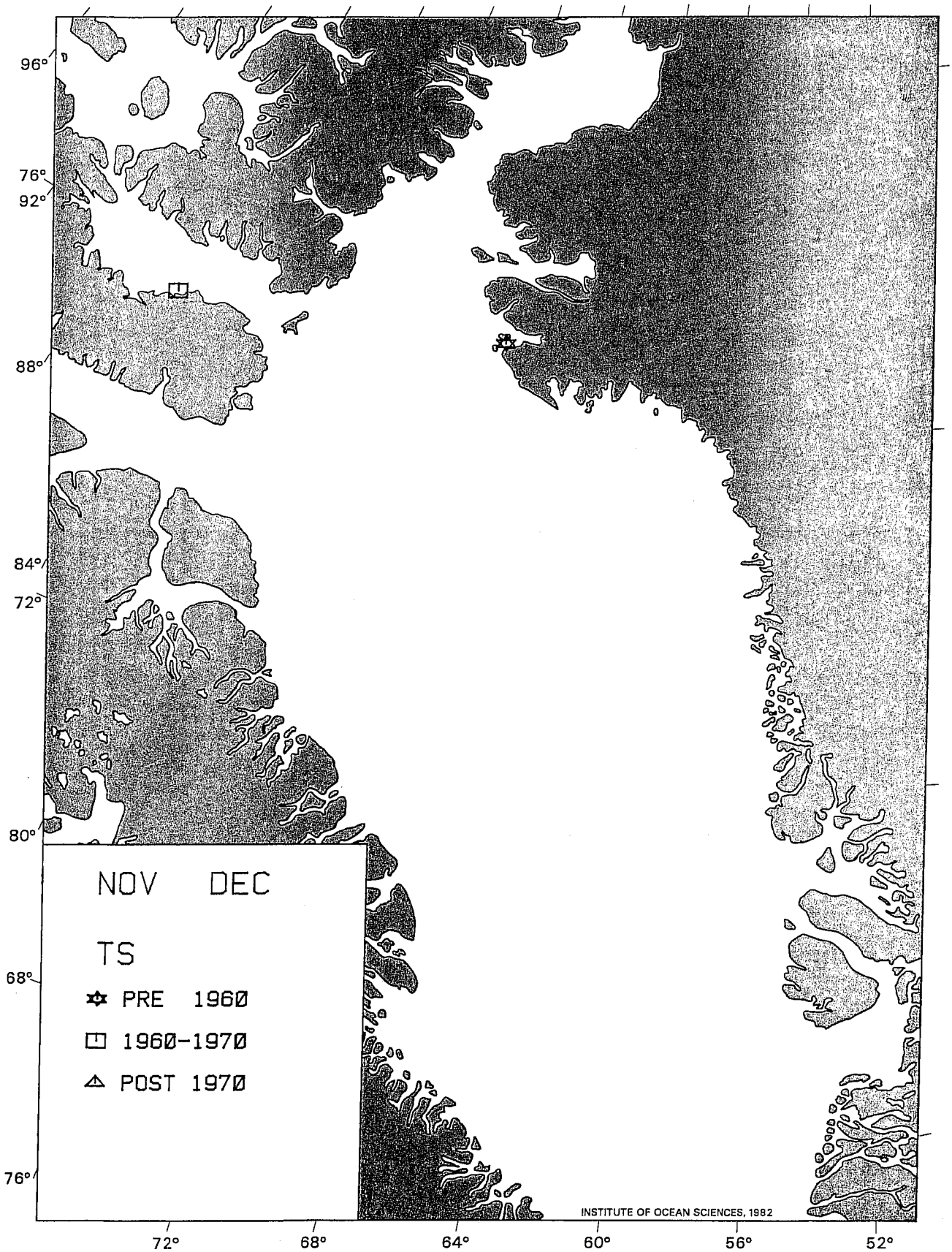


Figure 11a: The locations of temperature/salinity profile data collected during the November-December period, all years.

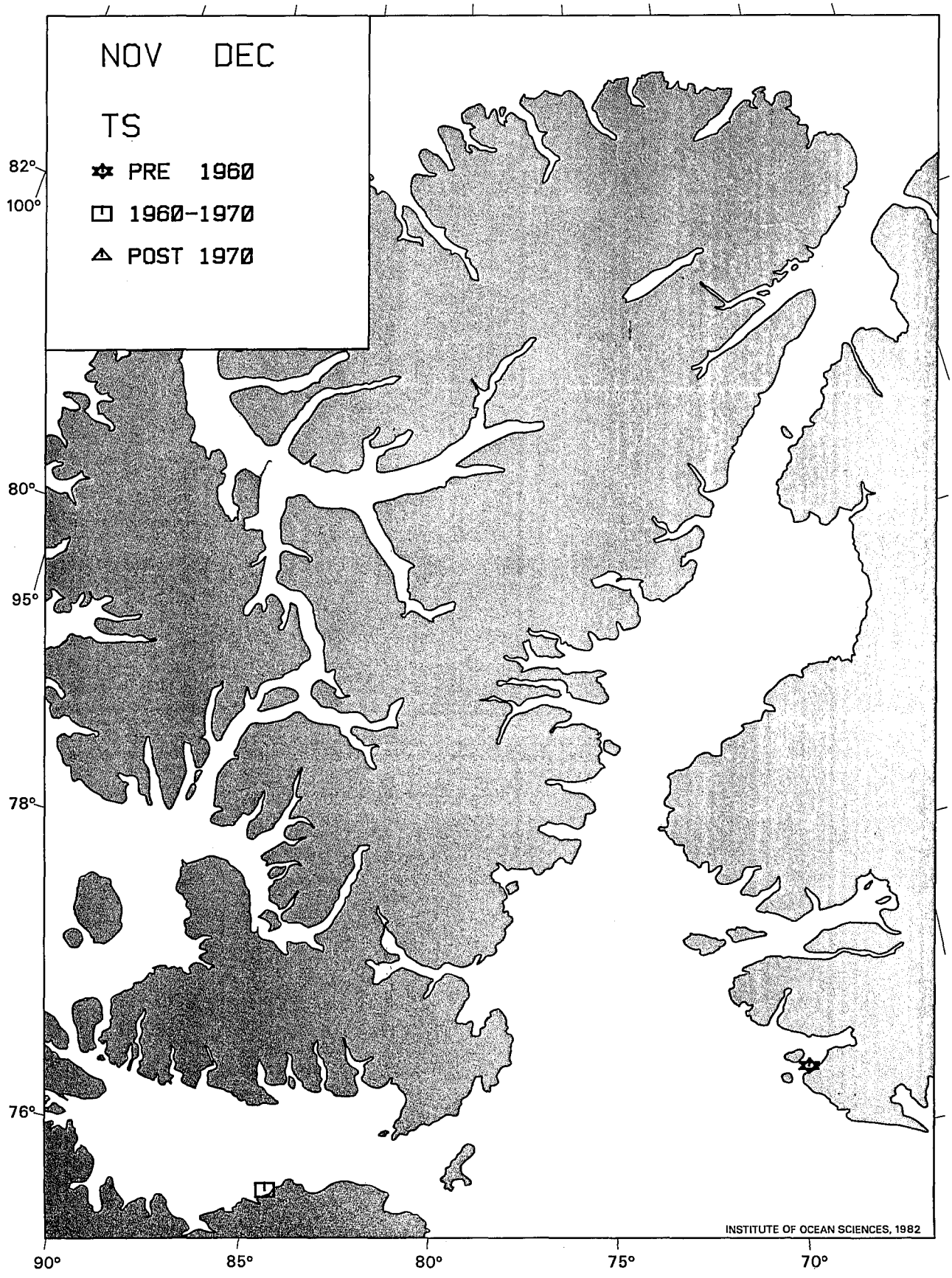


Figure 11b: The locations of temperature/salinity profile data collected during the November-December period, all years.

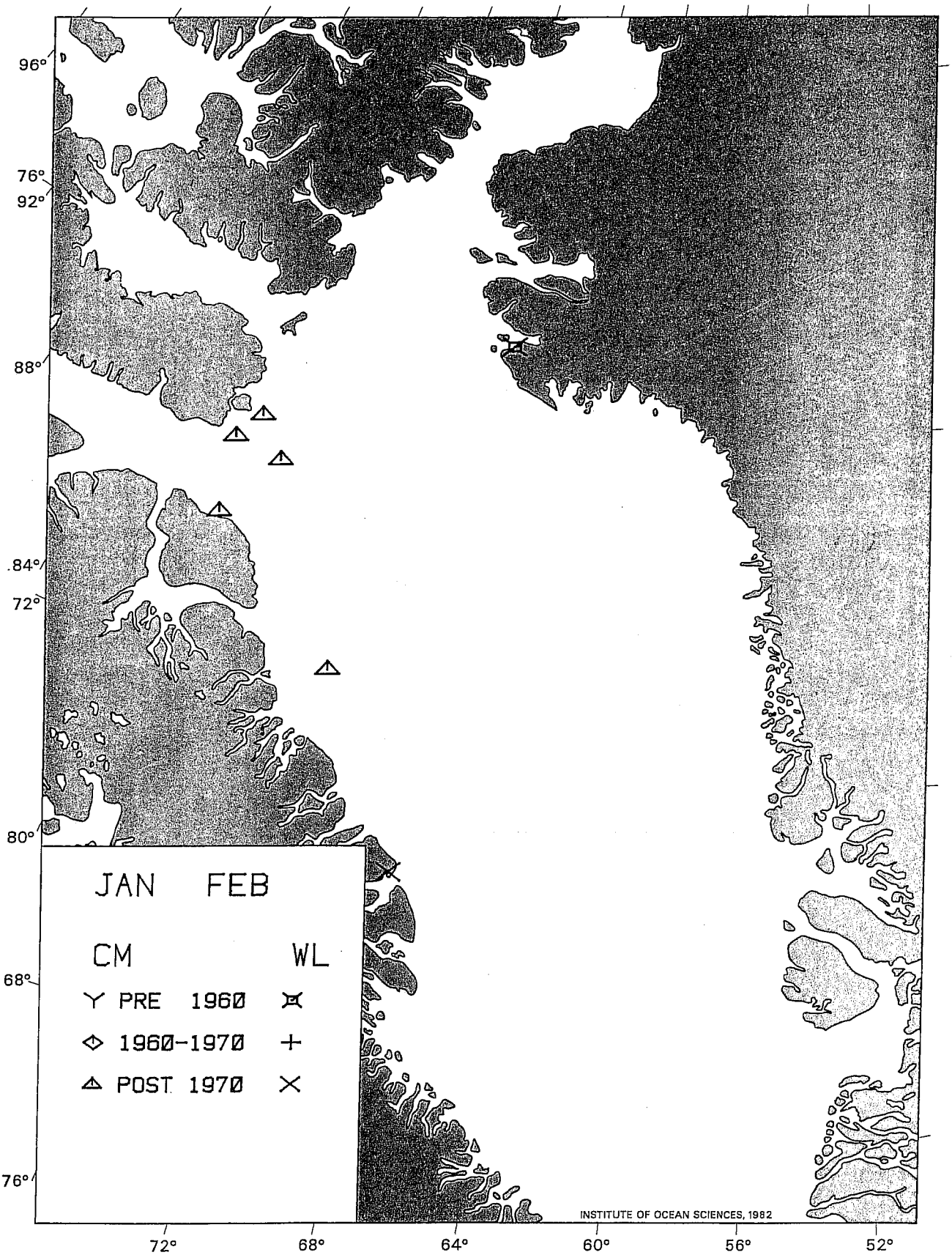


Figure 12a: The locations of all current meter and water level stations in place during the January-February period, all years.

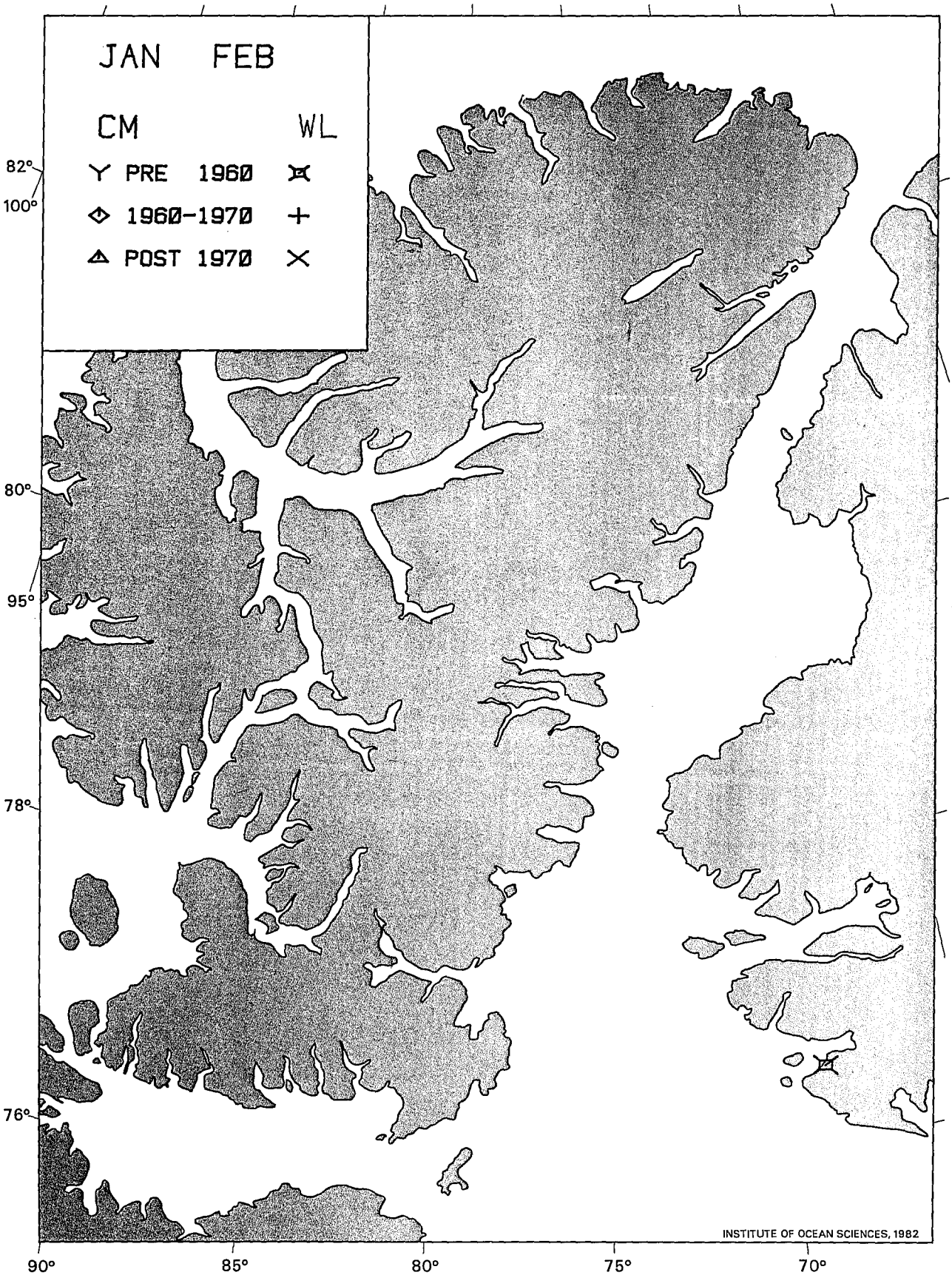


Figure 12b: The locations of all current meter and water level sations in place during the January-February period, all years.

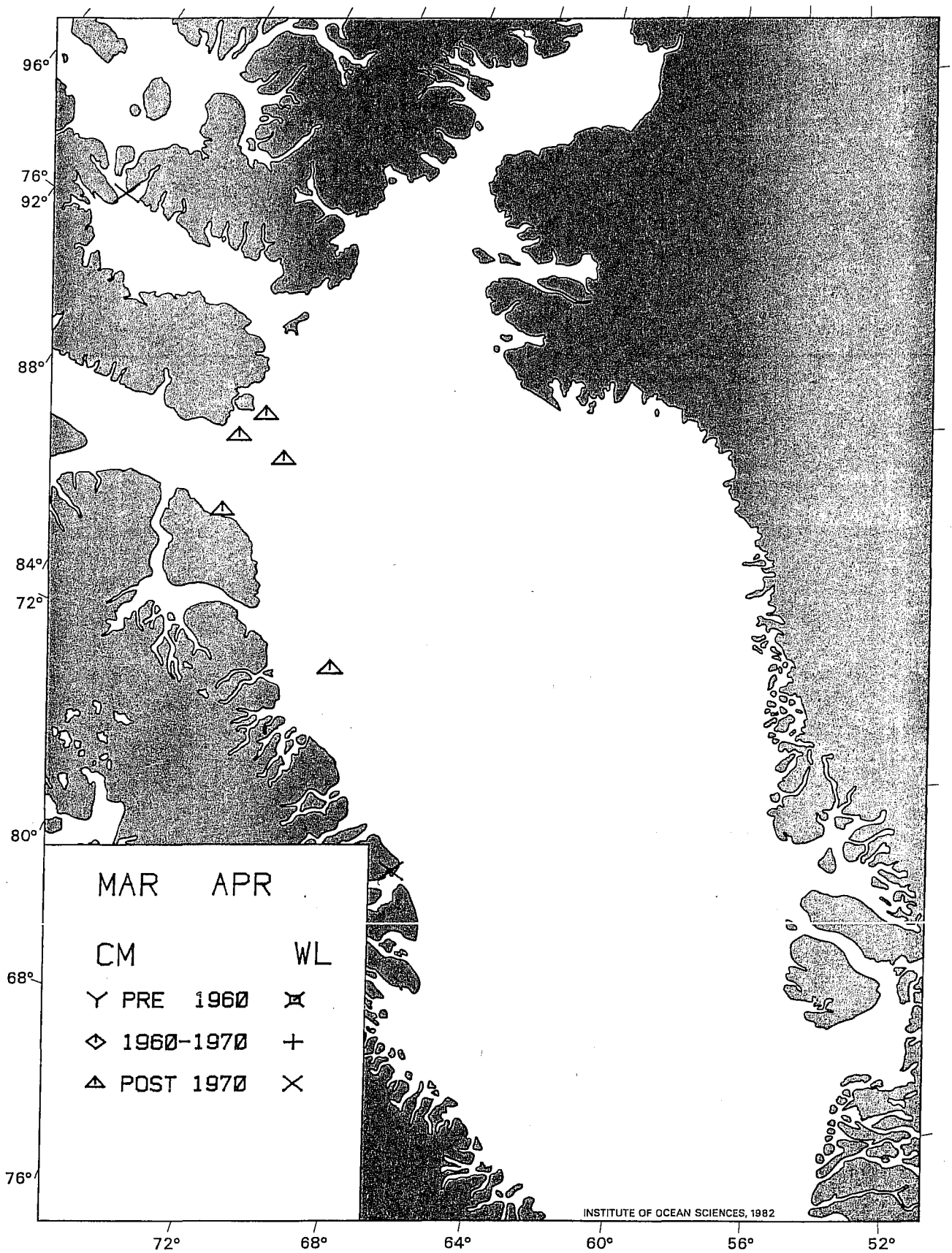


Figure 13a: The locations of all current meter and water level stations in place during the March-April period, all years.

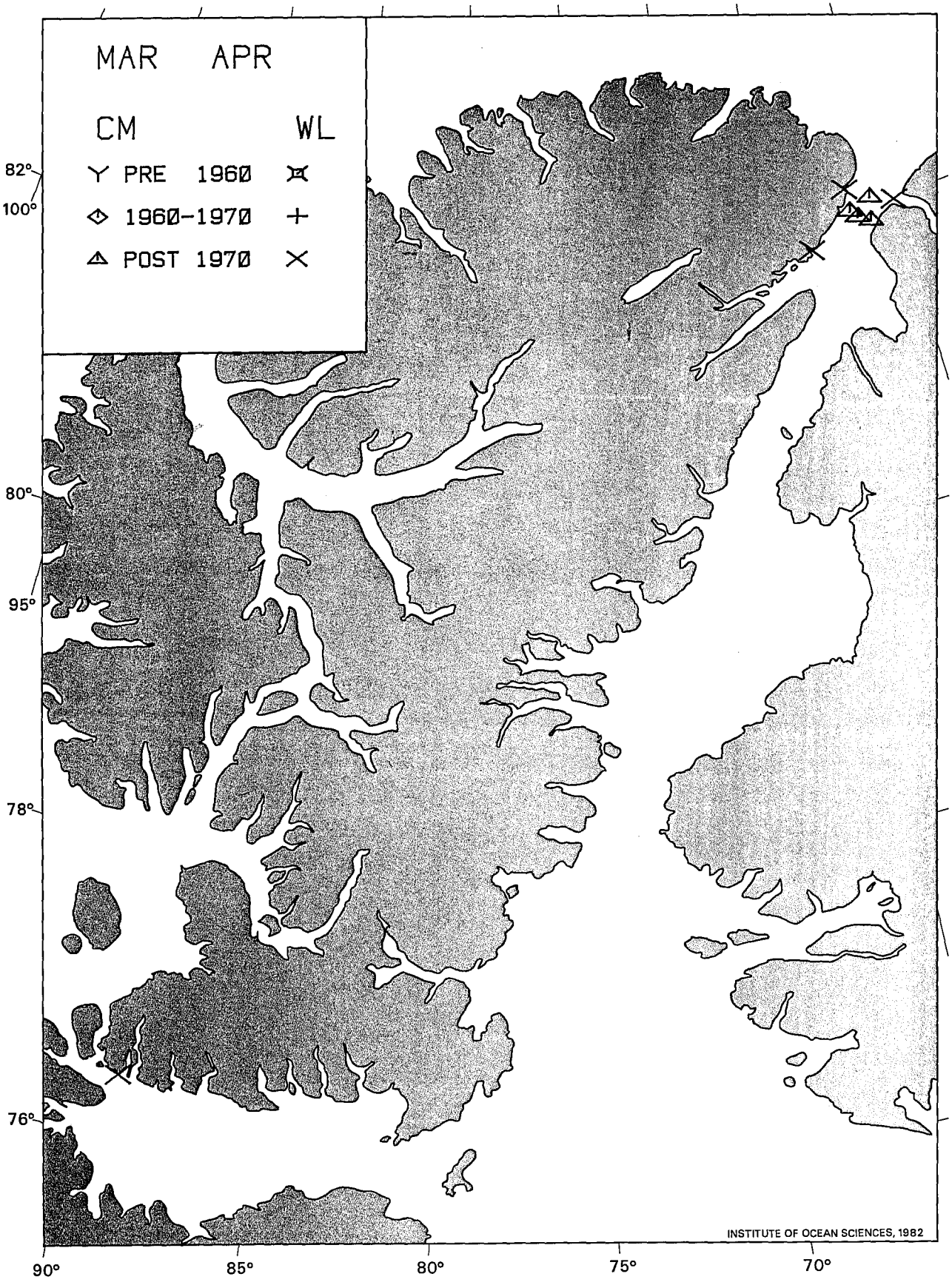


Figure 13b: The locations of all current meter and water level stations in place during the March-April period, all years.

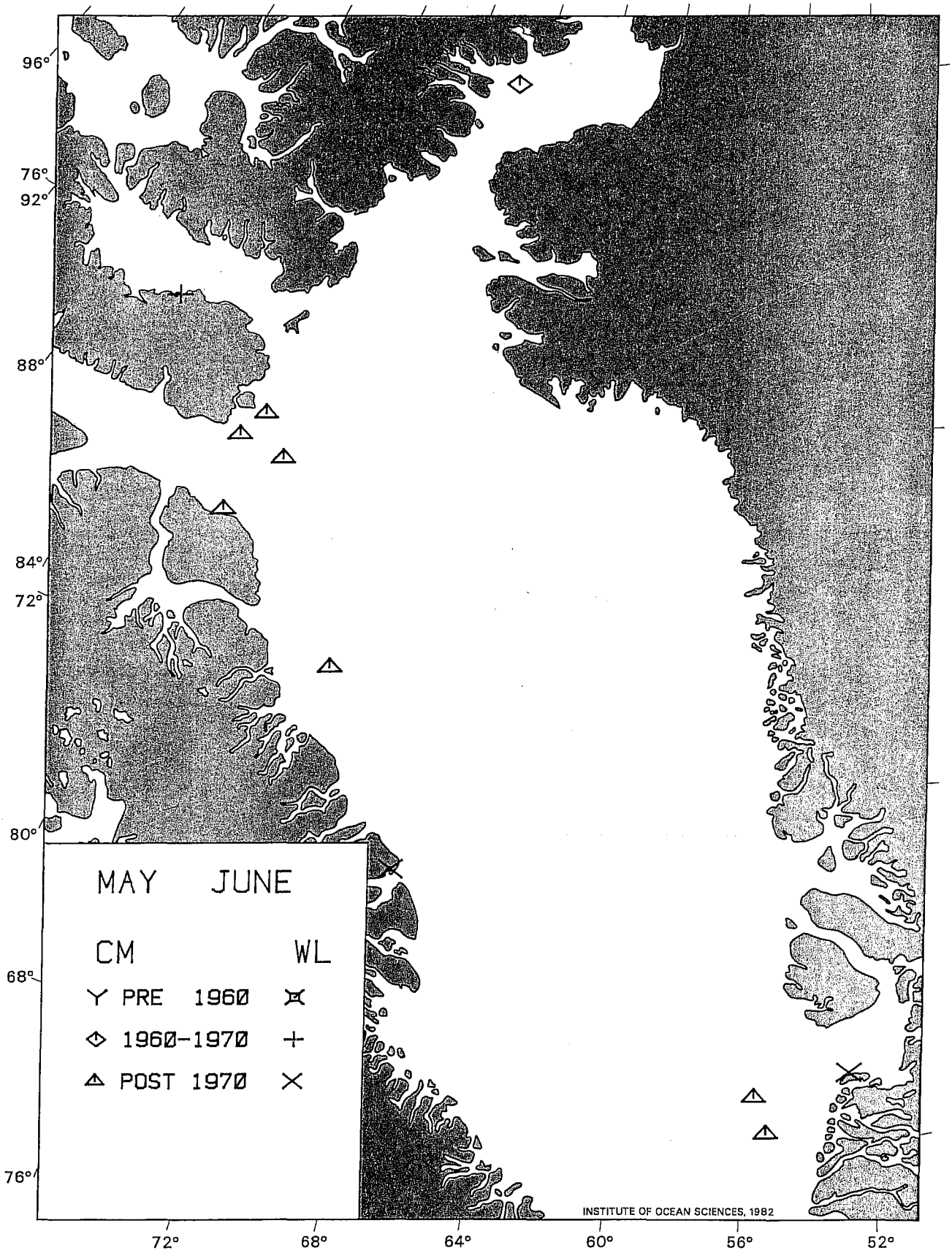


Figure 14a: The locations of all current meter and water level stations in place during the May-June period, all years.

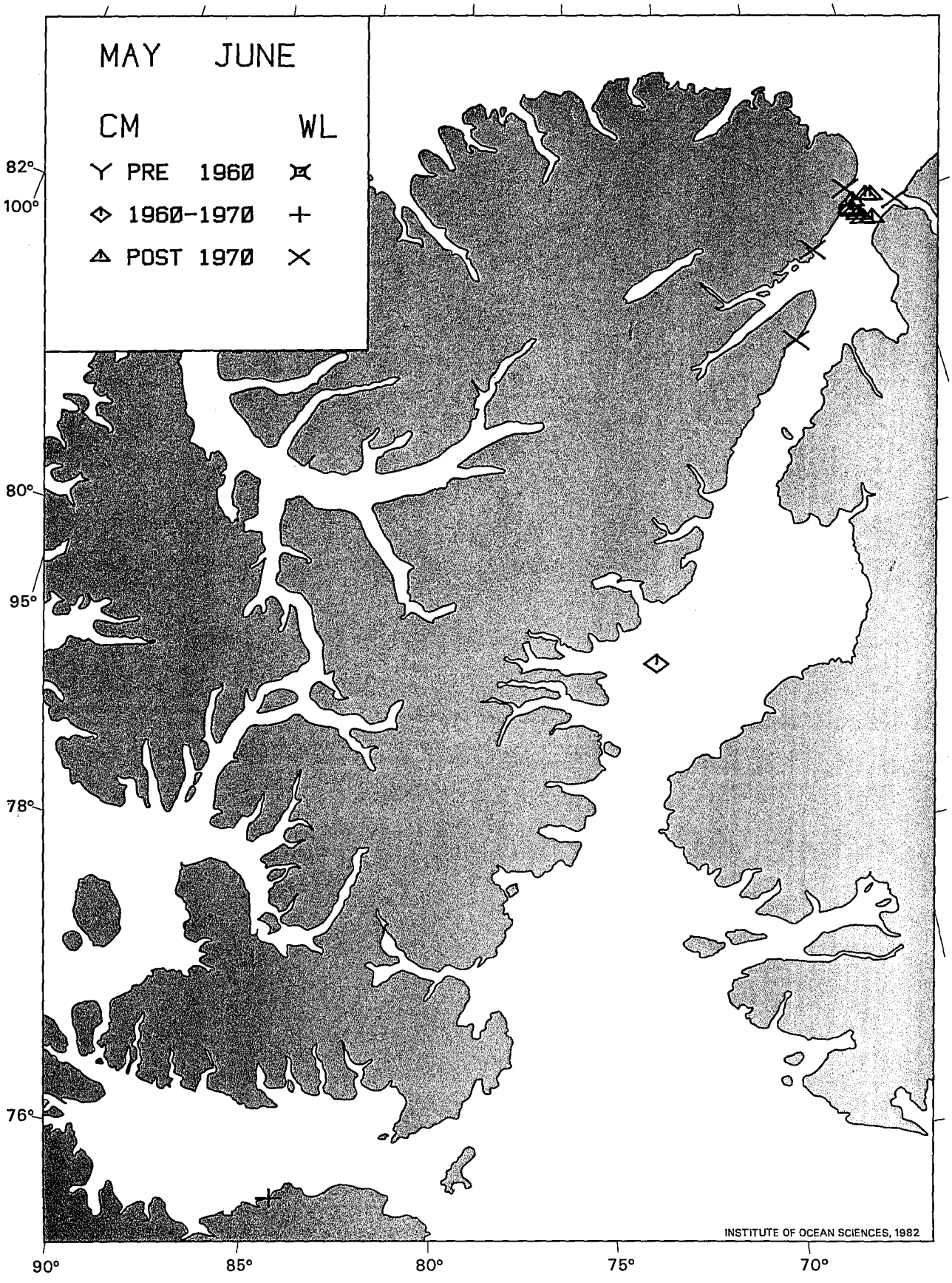


Figure 14b: The locations of all current meter and water level stations in place during the May-June period, all years.

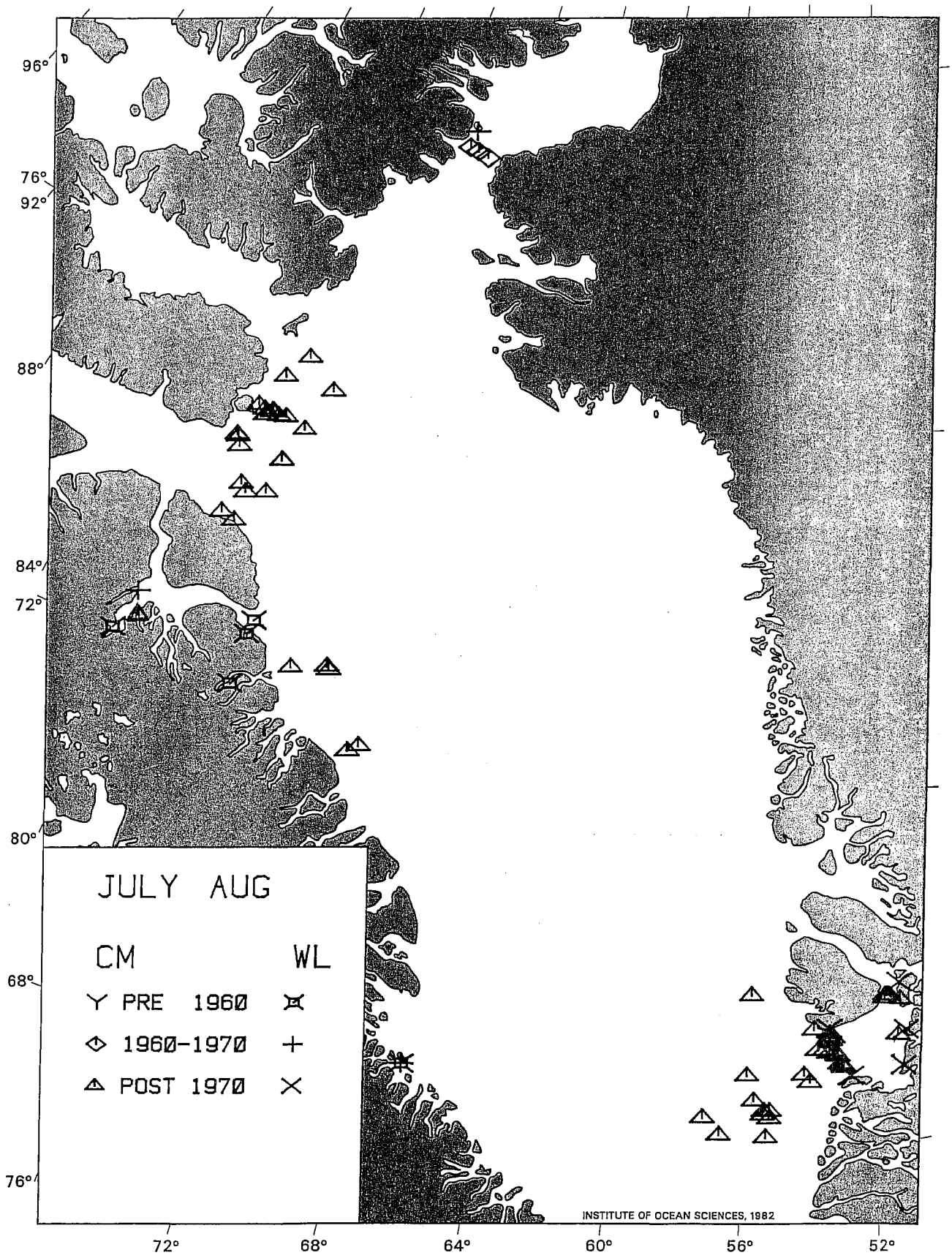


Figure 15a: The locations of all current meter and water level stations in place during the July-August period, all years.

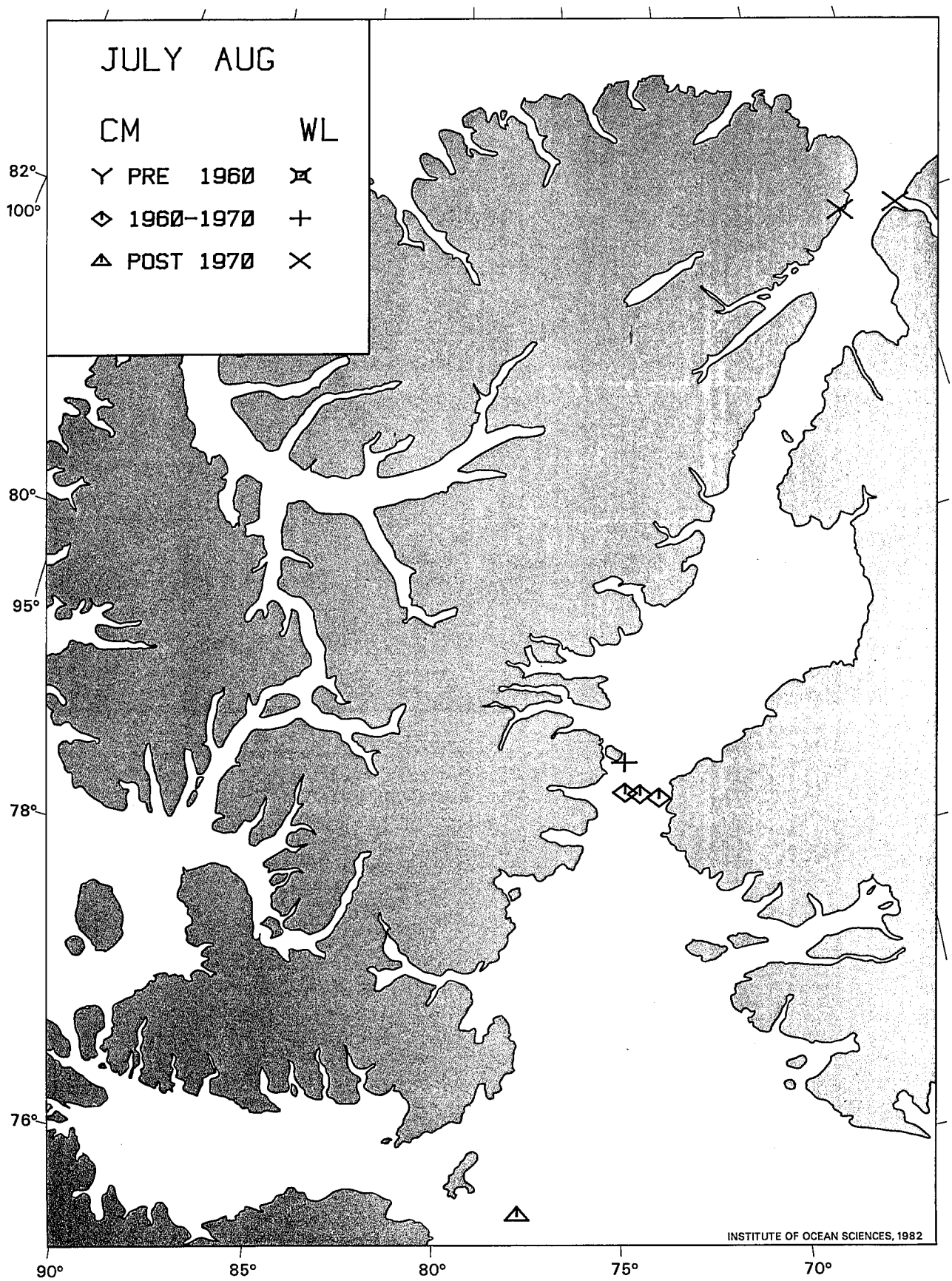


Figure 15b: The locations of all current meter and water level stations in place during the July-August period, all years.

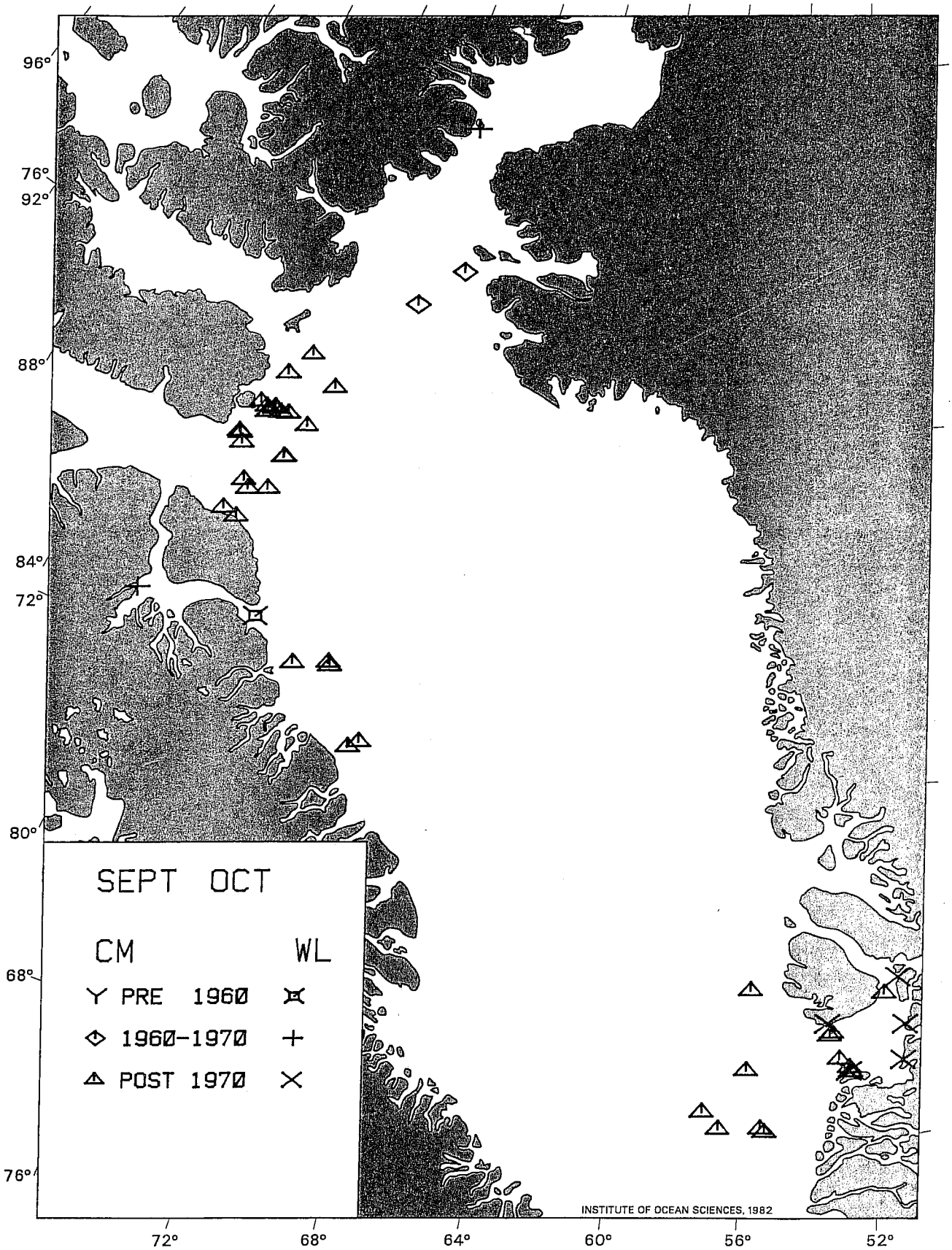


Figure 16a: The locations of all current meter and water level stations in place during the September-October period, all years.

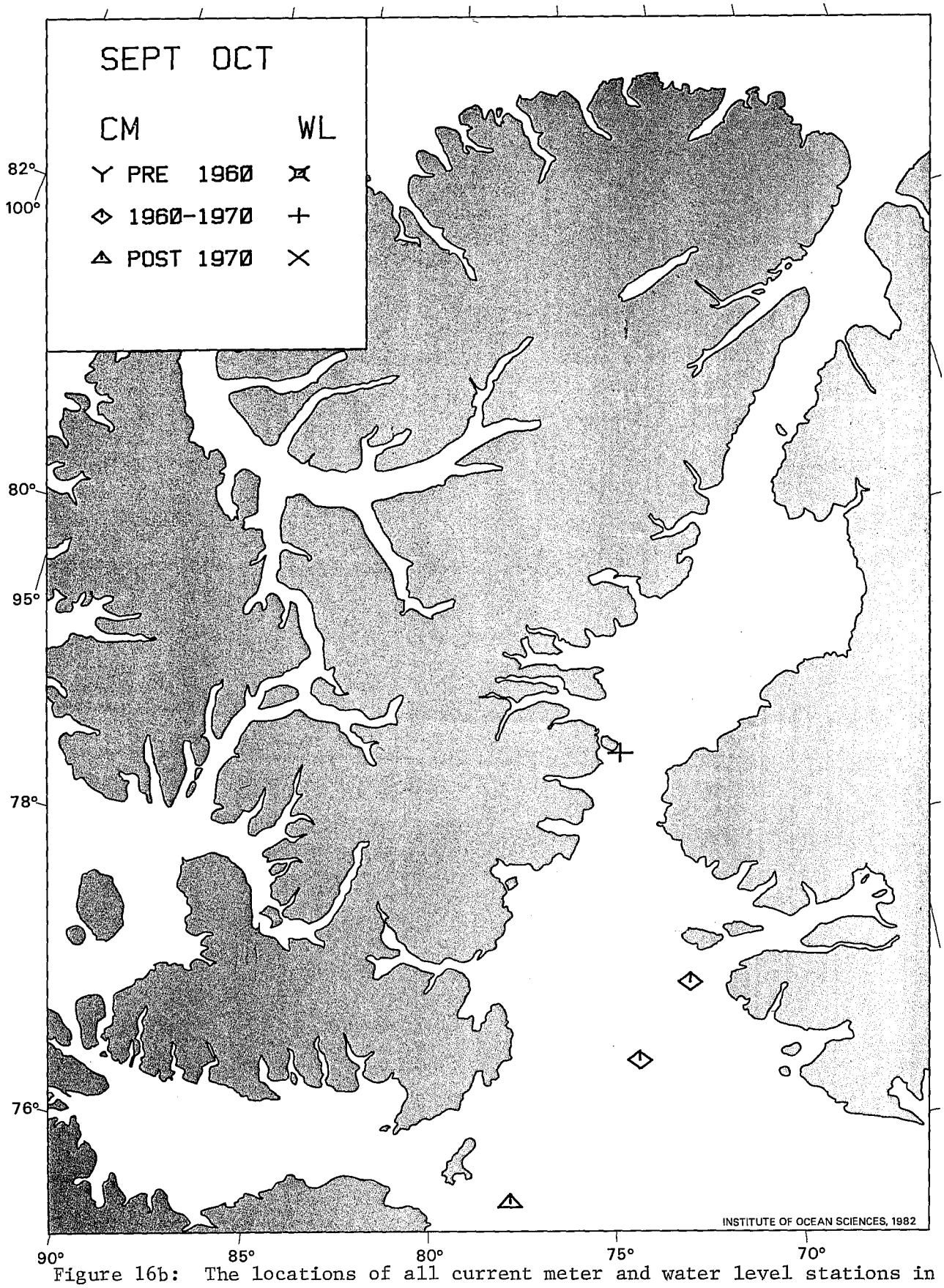


Figure 16b: The locations of all current meter and water level stations in place during the September-October period, all years.

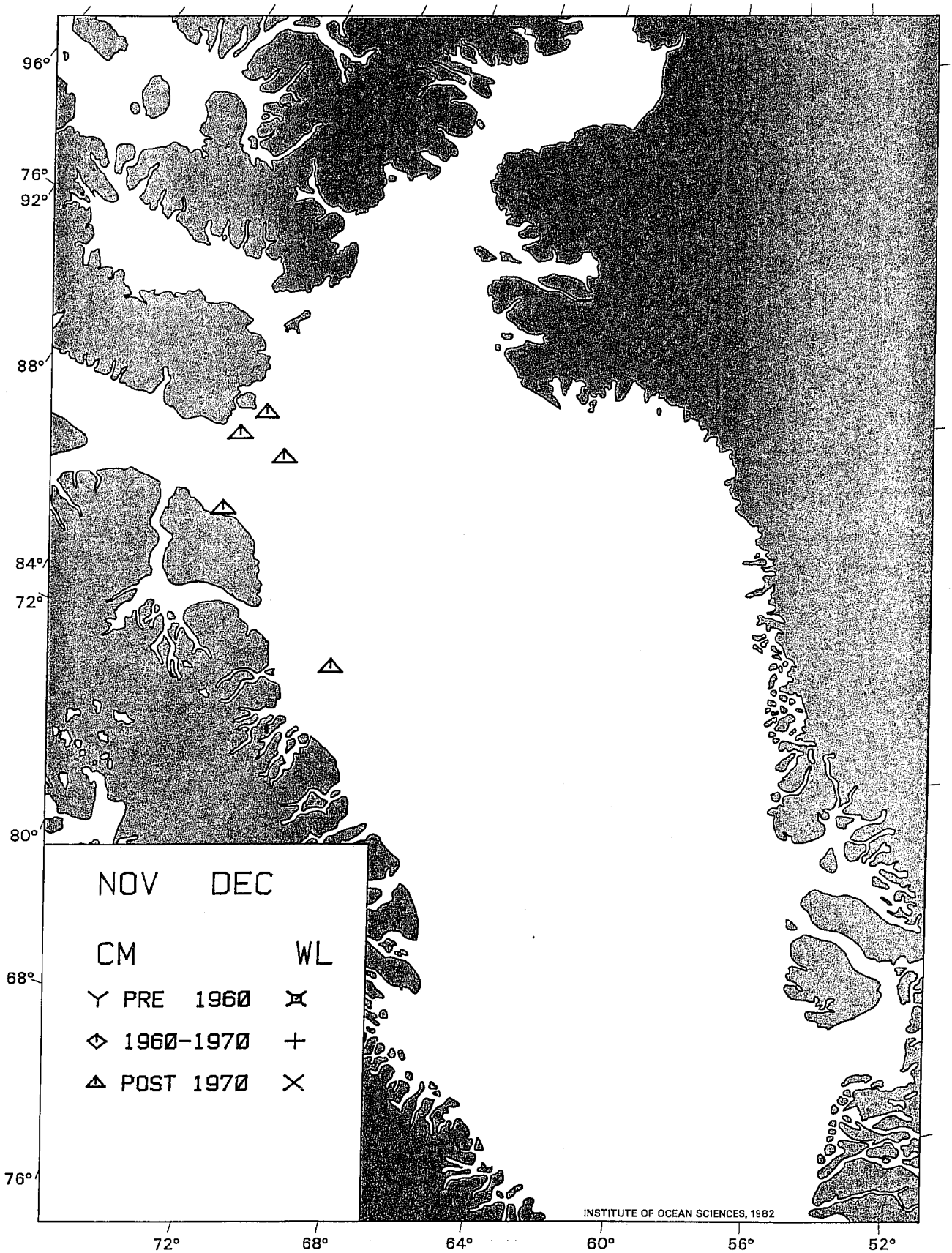


Figure 17a: The locations of all current meter and water level stations in place during the November-December period, all years.

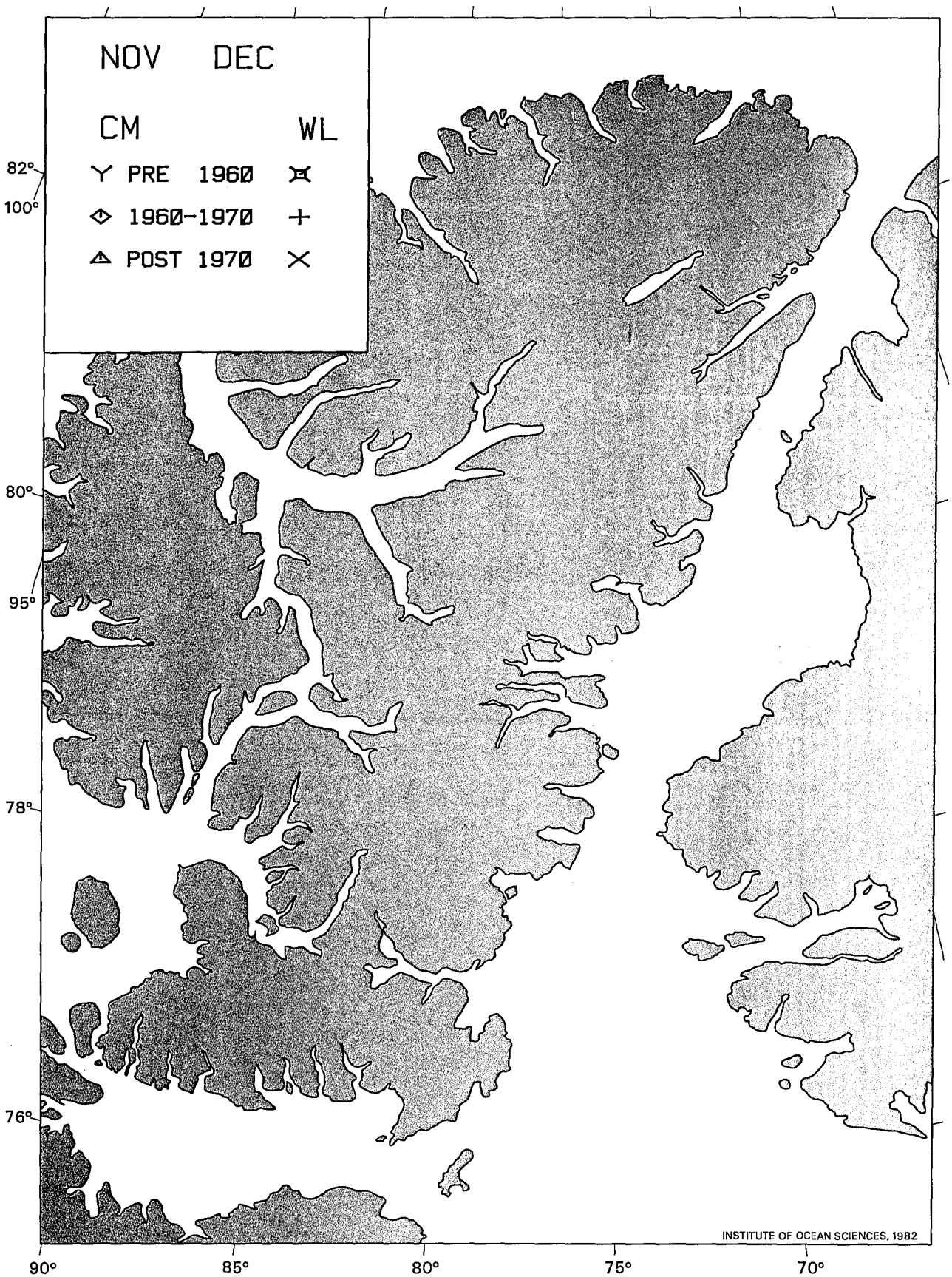


Figure 17b: The locations of all current meter and water level stations in place during the November-December period, all years.

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6.3 SYNOPTIC DATA SETS AND EXTENDED TIME SERIES

SYNOPTIC DATA SETS

In some years the existence of two or more data sets collected at the same time provides a combined data set with near-synoptic coverage over a relatively large area. Data sets were considered near-synoptic if their measurement periods overlapped significantly. The combined data sets may improve coverage within a given area, extend coverage to a larger area or allow comparison of simultaneous processes in different areas. In Baffin Bay, possibilities for combinations are largely confined to temperature-salinity data collected during the open water season. The table below lists near-synoptic data sets by year and general area of coverage.

Data Set ID	Area	Data Set ID	Area
	1952		**1953**
52-0005	W. Greenland	53-0005	Eastern
52-0007	Disko Island	53-0007	Baffin Bay
		53-0008	
		53-0011	
		53-0012	
	1955		**1956**
55-0004	Southeastern	56-0003	Baffin Bay
55-0005	Baffin Bay	56-0006	
	1961		**1962**
61-0004	Baffin Bay	62-0007	Baffin Bay &
61-0010		62-0010	Smith Sound
	1968		**1969**
68-0004	Smith Sound/	69-0007	Baffin Bay
68-0007	Nares Strait		
	1978		**1980**
78-0005	Northwestern	80-0007	Northwestern
78-0020	Baffin Bay	80-0008	Baffin Bay

EXTENDED TIME SERIES

Repeated measurements in the same area may allow long-term trends to be detected and levels of variability to be estimated. Repeated temperature and salinity measurements have been made in several areas. The table below lists the areas in which extended time series are available.

Nares Strait	Smith Sound	Jones Sound	Mouth of Lancaster Sound	Baffin Island Coast
28-0001	28-0001	28-0001	28-0001	40-0001
46-0001	46-0001	52-0003	46-0001	50-0002
48-0001	52-0003	54-0001	50-0002	53-0007
50-0002	52-0006	61-0012	53-0007	56-0003
63-0005	53-0007	62-0006	54-0001	58-0005
63-0006	54-0001	62-0007	57-0001	60-0005
64-0007	54-0007	63-0006	61-0004	60-0009
66-0004	55-0005	67-0002	63-0006	61-0004
68-0004	56-0006	68-0001	68-0006	61-0010
69-0005	57-0003	77-0014	69-0007	62-0007
69-0008	58-0005	79-0011	70-0006	62-0011
70-0013	59-0005	80-0007	70-0014	64-0007
70-0015	60-0009		78-0005	66-0004
71-0012	61-0004		78-0020	67-0003
71-0013	61-0010		79-0011	68-0006
72-0018	62-0007		80-0007	69-0007
75-0034	62-0010		80-0008	70-0011
80-0007	63-0005			76-0011
	63-0006			77-0014
	64-0007			78-0005
	65-0007			78-0020
	66-0004			79-0011
	66-0007			80-0017
	67-0002			
	67-0003			
	68-0001			
	68-0006			
	68-0007			
	69-0004			
	69-0007			
	69-0008			
	69-0013			
	70-0006			
	70-0013			
	70-0014			
	70-0015			
	71-0013			
	74-0013B			
	77-0014			
	78-0020			
	79-0011			
	80-0007			

Central Baffin Bay	Southern Baffin Bay	Melville Bay	West Greenland Coastal	Disko Bay Area
28-0001	48-0003	68-0006	16-0001	08-0002
48-0001	49-0002	69-0004	28-0001	16-0001
52-0003	51-0005	69-0006	46-0001	24-0001
52-0006	52-0005	69-0007	50-0002	25-0001
53-0007	52-0006	70-0011	51-0006	28-0001
55-0005	59-0006	77-0031	52-0003	28-0002
56-0006	61-0011	80-0007	53-0006	30-0001
57-0003	62-0011		53-0008	31-0001
58-0005	63-0007		61-0004	32-0001
59-0005	63-0008		61-0010	36-0001
60-0005	64-0006		68-0006	37-0002
60-0009	65-0006		69-0006	38-0001
61-0004	65-0008		69-0007	48-0003
61-0010	66-0008			49-0002
62-0007	67-0004			49-0003
62-0010	68-0003			50-0003
62-0011	68-0005			50-0004
63-0006	69-0011			50-0005
64-0007	76-0023			51-0006
65-0006	77-0031			52-0003
65-0007	78-0023			52-0005
66-0004	80-0007			52-0007
66-0007				53-0005
67-0003				53-0006
68-0006				53-0008
69-0007				53-0011
70-0011				53-0012
70-0002				54-0006
72-0020				55-0004
72-0021				55-0006
77-0014				56-0005
78-0005				57-0006
80-0017				58-0003
				59-0007
				65-0006
				65-0008
				68-0005
				69-0012
				71-0011
				77-0031

6.4 CONCLUSIONS

The inventory at present contains 165 data sets. Most of the data are temperature-salinity collected since 1950. In most cases standard oceanographic techniques were used and the data are of good quality. The bulk of the data were collected during summer months. The lack of winter data results from the ice cover and the difficulties of working in the winter.

Direct current measurements are few, particularly along the west Greenland coast. Little is known of the character of the West Greenland Current and its variability.

Many of the data sets were reported only in the Conseil Permanent International Pour L'Exploration de la Mer - Bulletin Hydrographique. Generally no explanation of methods or data quality was given and consequently those data sets received ratings of 2. They were often data sets collected by foreign agencies and one may be able to improve their ratings by obtaining more information from the agency responsible.

This inventory is intended primarily for use in determining data coverage and quality in areas of interest. It can also guide further research by pinpointing areas requiring further study, and by revealing complementary data sets which could benefit from further analysis.

7. REFERENCES

Anonymous, 1939. British Arctic Expedition, 1937-38. Polar Record No. 17: 48-50.

Anonymous, 1947. U.S. Naval expedition to Thule, northwest Greenland. Polar Record 4(32): p. 397.

Anonymous, 1958. U.S. Navy hydrographic surveys in Canadian western Arctic, 1957. Summarized from U.S. Navy press releases. Polar Record 9(59): 146-147.

Apollonio, S., 1963. The Devon Island expeditions, 1960-1964. Arctic 16(1): 63-66.

Apollonio, S., 1973. Glaciers and nutrients in arctic seas. Science 180: 491-493.

Arctic Institute of North America, 1953. Arctic bibliography. Prepared for and in cooperation with the Dept. of Defense under the direction of the Arctic Institute of North America, Washington, D.C. 4 vols.

Arctic Institute of North America, 1969. Northern research survey. Arctic Institute of North America, Washington, D.C.

Asmund, G., 1980. Water movements traced by metals dissolved from mine tailings deposited in a fjord in northwest Greenland. In Fjord Oceanography. Eds. Freeland, Farmer and Levings. Proceeding of Conf. at Victoria, B.C., June 1979, pp. 347-353.

Avis, R.A. and L.K. Coachman, 1971. Current measurements in Smith Sound-northern Baffin Bay, September 1968. Baffin Bay-North Water Project Scientific Report No. 2, Arctic Institute of North America, Washington, D.C. 26 p.

Baggesgaard-Rasmussen and J.P. Jacobsen, 1930. Contribution to the hydrography of the waters around Greenland in the year 1925. Meddelelser fra kommissionen for Havesundersoglser, Copenhagen. Serie Hydrografi., Bond II. No. 10: 1-24.

Bailey, W.B., 1955. Oceanographic reconnaissance in the Canadian Archipelago (1954). Fish. Res. Board Can., MSS Rep. Biol. Sta., No. 603, 145 p.

Bailey, W.B., 1956. On the origin of deep Baffin Bay water. J. Fish. Res. Board Can. 13(3): 303-308.

Bailey, W.B., 1957. Oceanographic features of the Canadian Archipelago. J. Fish. Res. Board Can. 14(5): 731-769.

Barber, F.G. and A. Huyer, 1971. On the water of the Canadian Arctic Archipelago, an atlas presentation of 1961 and 1962 data. Dept. of Energy, Mines and Resources, Mar. Sc. Branch, Ottawa. Man. Rep. Ser. No. 21, 76 p., maps.

Barber, F.G. and A. Huyer, 1977. On the oceanography of Jones Sound, N.W.T. Dept. of Fish. and the Env., Mar. Sc. Directorate, Ottawa, Mar. Rep. Ser. No. 40, 48 p.

Barnes, C.A. 1941. Oceanographic investigations in Baffin Bay in 1940. U.S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2). Bulletin 30: 27-56.

Barrett, D.L. and A.C. Grant, 1966. Cruise Rep. No. 156, Bedford Institute of Oceanography, Dartmouth, N.S. 10 p.

Beaugé, L., 1930. La Peche a Terre-Neuve en 1929. Id. Tome III. Fasc I. Paris.

Beaugé, L., 1931. Rapport de mission a Terre-Neuve et au Groenland. Campagne 1930. Id. Tome IV, Fasc I. Paris.

Beaugé, L., 1932. Rapport de mission au Groenland. Campagne 1931. Id. Tome V, Fasc I. Paris.

Beaugé, L., 1933. La campagne de 1932 a Terre-Neuve et au Groenland. Id. Tome VI, Fasc I. Paris.

Bedford Institute of Oceanography, 1974. Cruise Report No. 74-026, Part 1. Atl. Geoscience Centre, Dartmouth, N.S. 25 p.

Bedford Institute of Oceanography, 1976. Cruise Report No. 76-023. CSS Hudson. July 23 to August 19, 1976. Atl. Geoscience Centre, Dartmouth, N.S. 9 p.

Bedford Institute of Oceanography, 1977. Cruise Report No. 77-024. Atlantic Ocean. Lab., Dartmouth, N.S. 45 p.

Bedford Institute of Oceanography, 1978. Cruise Report No. 78-026. Dartmouth, N.S. 47 p.

Bedford Institute of Oceanography, 1980a. Cruise Report No. 80-027. Dartmouth, N.S. 38 p.

Bedford Institute of Oceanography, 1980b. Cruise Report No. 80-028. Atlantic Geoscience Centre, Dartmouth, N.S. 31 p.

Bernier, J.E., 1909. Report of the Dominion Government of expedition to the arctic islands and the Hudson Strait on board C.G.S. Arctic, 1906-07. C.H. Parmelee, Ottawa. 127 p.

Bernier, J.E., 1910. Report of the Dominion of Canada Government expedition to the arctic islands and Hudson Strait on board C.G.S. Arctic 1908-09. Government Printing Bureau, Ottawa. 529 p., illus., ports., facsims., maps.

Bernier, J.E., 1911? Report on the Dominion Government expedition to the northern waters and Arctic Archipelago on the C.G.S. Arctic in 1910. King's Printer, Ottawa. 161 p., illus., fold. maps, tables.

Berthois, L., 1966. Hydrologie et sedimentologie dans le Kangerdlugssauq (fjord de la cote ouest du Groenland). C.R. Acad. Sci., Paris, Ser. D. Vol. 262: 1400-1402.

Bessels, E., 1876. Scientific results of the U.S. Arctic expedition (1872) steamer Polaris, C.F. Hall, commanding. Vol. I, Phys. Obs. U.S. Gov't printing office, Washington, D.C., pp. 2-85.

Birch, J.R., 1980. 1979 nearshore studies of the physical oceanography of Cape Warrender, Cape Fanshawe and Cape Hay. Unpub. report by Arctic Sciences Ltd., Sidney, B.C. for Petro-Canada Ltd., Calgary, Alberta. 129 p.

Bohn, A., 1976. Report on seawater samples collected from Marmorilik, west Greenland, in March 1976. Unpub. rep. by B.C. Research, Vancouver, B.C. 10 p.

Buckley, J.R. and B.R. de Lange Boom, 1981. Baffin Island oil spill project. Physical oceanographic data report 80-2. Moored current meter results. Unpubl. report to Env. Protection Service, Edmonton. 30 p.

Canadian Oceanographic Data Centre, 1963. Five arctic surveys - 1962. Data Rec. Ser. No. 4. 90 p.

Canadian Oceanographic Data Centre, 1964. Eastern Arctic-1960. Data Rec. Ser. No. 18. 204 p., illus.

Canadian Oceanographic Data Centre, 1965. Baffin Bay, Smith Sound to Strait of Belle Isle. Sept. 4 to Oct. 24, 1964. Data Rec. Ser. No. 11, 165 p.

Canadian Oceanographic Data Centre, 1966a. Arctic, Hudson Bay and Hudson Strait - Aug. 5 to Oct. 4, 1962. Data Rec. Ser. No. 4, 247 p., illus.

Canadian Oceanographic Data Centre, 1966b. Arctic, 1961. Aug. 2-Oct. 12, 1961. Data Rec. Ser. No. 12, Ottawa. 322 p., illus.

Canadian Oceanographic Data Centre, 1967a. Baffin Bay - Sept. 25-Oct. 24, 1962. Data Rec. Ser. No. 4. 169 p., illus.

Canadian Oceanographic Data Centre, 1967b. Data record-Baffin Bay 1963. Sept. 15-Oct. 25, 1963. Data Rec. Ser. No. 7. 211 p., illus.

Canadian Oceanographic Data Centre, 1968a. Hudson Bay, Hudson Strait and Arctic. July 21-Sept. 9, 1967. Data Rec. Ser. No. 4. 123 p., illus.

Canadian Oceanographic Data Centre, 1968b. International Commission on Northwest Atlantic Fisheries, Halifax. Norwestlant 1-3 Surveys-Canada. Sp. Pub. No. 7., Part III, Vols. 1-3, prepared by C.O.D.C., Ottawa.

Canadian Oceanographic Data Centre, 1969a. Davis Strait and northern Labrador Sea. Aug. 27-Oct. 22, 1975. Rec. Ser. No. 7. 203 p., illus.

Canadian Oceanographic Data Centre, 1969b. Operation Tanquary-Ellesmere Island, N.W.T. 1963-1966. Data Rec. Ser. No. 13. 152 p., illus.

Canplan, 1976. A literature survey of chemical oceanographic studies carried out in the Arctic. Unpub. rep. by Canplan Oceanography Ltd., Halifax, N.S., 233 p.

Carpenter, C., 1876. Report of physical observations carried out by HMS Valorous during return voyage from Disko Island in Aug. 1875. Proc. Roy. Soc., London, 25: 230-237.

Chow, R.K., 1975a. Near-surface currents in Robeson Channel. Def. Res. Est. Ottawa, Report No. 709. 63 p.

Chow, R.K., 1975b. A simple model for the near-surface currents in Robeson Channel. Def. Res. Est. Ottawa. Rep. No. 713, May, 1975. 24 p.

Chow, R.K. and D.J. Finlayson, 1980. Further studies on a model for the near-surface currents in Robeson Channel. Def. Res. Est. Pacific, Victoria, B.C. Tech. Mem. 80-3, May, 1980. 33 p.

Coachman, L.K. and K. Aagaard, 1974. Physical oceanography of the arctic and sub-arctic seas. In Marine Geology and Oceanography of the Arctic Seas. Springer-Verlag, New York, N.Y. pp. 1-72.

Codispoti, L.A. and T.G. Owens, 1975. Nutrient transport through Lancaster Sound in relation to the Arctic Ocean's reactive silicate budget and the outflow of Bering Strait waters. Limnol. & Oceanog. 20(1): 115-119.

Collin, A.E., 1960. Oceanographic observations in the Canadian Arctic and the adjacent Arctic Ocean. Arctic 13: 194-201.

Collin, A.E., 1962. The waters of the Canadian Archipelago. Bedford Institute of Oceanography, Dartmouth, N.S. Report 62-2. 14 p.

Collin, A.E., 1965. Oceanographic observations in Nares Strait, northern Baffin Bay, 1963 and 1964. Unpub. report by Bedford Institute of Oceanography, Dartmouth, N.S. Rep. 65-5, 9 p.

Collin, A.E. and M.J. Dunbar, 1964. Physical Oceanography in Arctic Canada. Oceangr. Mar. Biol. Ann. Rev. 2, H. Barnes Ed., George Allen and Unwin, London. pp. 45-75.

Conseil Permanent International Pour L'Exploration de La Mer., 1926. Bull. Hydrographique pour 1'annee 1925: 1-49, Copenhagen.

Conseil Permanent International Pour L'Exploration de la Mer., 1952. Bulletin Hydrographique pour 1'annee 1948: 1-87, Copenhagen.

Conseil Permanent International Pour L'Exploration de la Mer, 1954. Bulletin Hydrographique pour 1'annee 1949: 1-85, Copenhagen.

Conseil Permanent International Pour L'Exploration de la Mer., 1954b. Bulletin Hydrographique pour 1'annee 1950: 1-114, Copenhagen.

Conseil Permanent International Pour L'Exploration de la Mer., 1955. Bulletin Hydrographique pour 1'annee 1951: 1-131, Copenhagen.

Conseil Permanent International Pour L'Exploration de la Mer., 1956. Bulletin Hydrographique pour l'annee 1952: 1-164, Copenhagen.

Conseil Permanent International Pour L'Exploration de la Mer., 1957. Bulletin Hydrographique pour l'annee 1953: 1-167, Copenhagen.

Conseil Permanent International Pour L'Exploration de la Mer., 1959. Bulletin Hydrographique pour l'annee 1954: 1-184, Copenhagen.

Conseil Permanent International Pour L'Exploration de la Mer., 1960. Bulletin Hydrographique pour l'annee 1955: 1-208, Copenhagen.

Conseil Permanent International Pour L'Exploration de la Mer., 1962. Bulletin Hydrographique pour l'annee 1956: 1-217, Copenhagen.

Conseil Permanent International Pour L'Exploration de la Mer., 1958. ICES Ocean. Data Lists. No. 4., 241 p., Copenhagen.

Conseil Permanent International Pour L'Exploration de la Mer., 1959. ICES Ocean. Data Lists. No. 1., 201 p., Copenhagen.

Conseil Permanent International Pour L'Exploration de la Mer., 1971. ICES Ocean. Data Lists. No. 1., 281 p., Copenhagen.

Conseil Permanent International Pour L'Exploration de la Mer., 1972. ICES Ocean. Data Lists. No. 6., 545 p., Copenhagen.

Conseil Permanent International Pour L'Exploration de la Mer., 1974. ICES Ocean. Data Lists. No. 13A., 464 p., Copenhagen.

Cow, R.A., 1961. Handbook for the thermostat salinity meter. Unpubl. manuscript, National Inst. of Oceanography, Report H.12.

Danish Hydraulic Institute, 1979a. Environmental conditions offshore west Greenland, Vol. 1-4. Danish Hydr. Inst., Greenland Tech. Org., Horsholm, Dec. 1979. 364 p., appendices.

Danish Hydraulic Institute, 1979b. Marmorilik Hydrografiske Undersogelser 1978. Danish Hydr. Inst., Greenex A/S Horsholm, Apr. 1979, 104 p.

Danish Hydraulic Institute, 1980. Current recordings in Marmorilik, October 10-22, 1979. Danish Hydr. Inst., Horsholm, Jan. Rept. 17 p.

Day, G.G., 1968. Current measurements in Smith Sound, summer 1963. In U.S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2), Ocean. Rep. No. 16: 75-84.

de Lange Boom, B.R, and J.R. Buckley, 1981. Baffin Island oil spill project. Physical oceanographic data report 80-3. 1980 surface current measurements. Unpubl. report to Env. Protection Service, Edmonton. 79 p.

Dey, B., 1980. Applications of satellite thermal infrared images for monitoring North Water during the period of polar darkness. Journal of Glaciology, 25(93): 425-438.

Dietrich, J., R. Zorn and A. Hasle Nielson, 1979. Iceberg investigation along the west coast of Greenland. Conference on Port and Ocean Engineering Under Arctic Conditions, 1979, pp. 221-239.

Dunbar, M.J., 1942. Marine macroplankton from the Canadian eastern arctic. I. Amphipoda and Schizopoda. Can. Jour. Res., Vol. 20: 33-46.

Dunbar, M.J., 1946. The state of the West Greenland Current up to 1944. J. Fish. Res. Board Can. 6(7): 460-471.

Dunbar, M.J., 1951. Eastern arctic waters. J. Fish. Res. Board Can. Bulletin No. 88: 1-131.

Dunbar, M.J., Miss M. Dunbar and D.C. Nutt, 1967. The Baffin Bay-North Water Project Report No. 1. Arctic Inst. of N. Am., Calgary, res. paper no. 45, 71 p.

Dunbar, M.J., 1979. Fall ice drift in Nares Strait, as observed by sideways-looking airborne radar. Arctic 32(4): 283-307.

Dunbar, M.J. and J.E. Keys, 1980. Robeson Channel ice drift and oceanographic measurements, 1970-1975. Unpublished manuscript, Ottawa. 24p.

Ellis, D.V., 1956. Some temperature and salinity records from the Canadian Arctic during 1954 and 1955. J. Fish. Board Can. 13(4): 591-598.

Ellis, D.V. and J.L. Littlepage, 1972. An oceanographic survey of Qaumarujuk and Agfordlikavsa fjords, Marmorilik W. Greenland. Report for Cominco Mines Ltd. 56 p., plus appendix.

Finlayson, D.J., 1971. Dept. Env., Ottawa, Canadian Oceanographic Data Centre data report. Cruise No. 1827-71013. April 25-May 11, 1971. 6 p.

Finlayson, D.J., 1973. Techniques for laying instruments in ice-covered waters. Polar Record. 16: 854-856.

Fissel, D.B., 1980a. Satellite-tracked drifting buoy movements in Baffin Bay and Lancaster Sound, summer 1978 and 1979. Unpub. data report by Arctic Sciences Ltd., Sidney, B.C. for Petro-Canada Ltd., Calgary, Alberta. 40 p., appendices.

Fissel, D.B., 1980b. Satellite-tracked iceberg movements in Baffin Bay and Lancaster Sound - summer, 1978 and 1979. Unpub. data report by Arctic Sciences Ltd. for Petro-Canada Ltd. 27 p., appendices.

Fissel, D.B. and G.R. Wilton, 1980. Subsurface current measurements in western Baffin Bay and Lancaster Sound, 1978-1979. Unpub. data report by Arctic Sciences, Sidney, B.C. for Petro-Canada Ltd., Calgary, Alberta 57 p., appendices.

Fissel, D.B. and J.R. Birch, 1980. Current profile measurements in western Baffin Bay and Lancaster Sound, summers 1978 and 1979. Unpub. report by Arctic Sciences Ltd., Sidney, B.C. for Petro-Canada Ltd., Calgary, Alberta. Data Report No. 4. 17 p., appendices.

Fissel, D.B. and J.R. Birch, 1981. A physical oceanographic study of northwestern Baffin Bay, summer 1980. Unpub. rept. by Arctic Sciences Ltd., Sidney, B.C. for Petro-Canada Ltd., Calgary, Alberta. 455 p.

Fissel, D.B., D.D. Lemon and J.R. Birch, 1981. Environmental Studies No. 25. The Physical Oceanography of Western Baffin Bay and Lancaster Sound. Dept. of Indian and Northern Affairs, Northern Affairs Program, Ottawa. 293 p.

Fissel, D.B., 1982. Tidal currents and inertial oscillations in northwestern Baffin Bay. Arctic 35(1): 201-210.

Fissel, D.B., D.D. Lemon and J.R. Birch, 1982. Major features of the summer near-surface circulation of western Baffin Bay, 1978 and 1979. Arctic 35(1): 180-200.

Ford, W.L. and G. Hattersley-Smith, 1965. On the oceanography of the Nansen Sound fiord system. Arctic 18(3): 158-171.

Franceschetti, A.P., 1964. Oceanographic conditions in Kennedy Channel, Kane Basin, Smith Sound and Baffin Bay, summer 1963. U. S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2), Oceanographic Report. No. 5 (CG 373-5): 1-36.

Garde, T.V., 1896. Beskrivelse of Expeditionen til Sydvestgronland 1893-1894. Medd. Gronland, 16: 1-71.

Garrison, G.R., 1977. Oceanographic measurements in the Chukchi Sea and Baffin Bay - 1976. U. Wash., App. Phys. Lab. Rep. No. 7710, Oct. 15, 1977. 99 p.

Gilbert, R., 1978. Observations of oceanography and sedimentation at Pangnirtung Fjord, Baffin Island. Maritime Sediments 14(1): 1-9.

Godin, G., 1966. Tides in the Labrador Sea, Davis Strait and Baffin Bay. Queen's Printer, Ottawa. Mar. Sc. Branch Man. Rep. Ser. No. 2, 1966, 156 p.

Godin, G., 1979. Currents in Robeson Channel, Nares Strait. Marine Geodesy 2(4): 351-364.

Godin, G., 1980. Cotidal charts for Canada. Manuscript Report Series No. 55. Dept. of Fisheries and Oceans, Marine Sciences and Inf. Directorate, Ottawa, Ontario, K1A 0E6. 93 p., illus.

Grønlands Geologiske Undersøgelse, 1976. Recipientundersøgelse 1975-76 Agfardlikavsa Qumarujuk. Gron. Geo. Und., Gron. Fiskl, Inst. Petro. 113 p.

Grønlands Geologiske Undersøgelse, 1977. Recipientundersøgelse 1976-77 Agfardlikavsa Qumarujuk. Gron. Geo. Und., Gron. Fiskl, Inst. Petro. 135 p.

Grønlands Geologiske Undersøgelse, 1978. Recipientundersøgelse 1977-78 Agfardlikavsa Qumarujuk. Gron. Geo. Und., Gron. Fiskl, Inst. Petro. 61 p.

Grønlands Geologiske Undersøgelse, 1980. Recipientundersøgelse 1978-79 Agfardlikavsa Qumarujuk. Gron. Geo. Und., Gron. Fiskl, Inst. Petro. 123 p.

Hamberg, A., 1884. Hydrographical observations of the Nordenskiold Expedition to Greenland 1883. Proceedings of the Royal Geogr. Soc. 6: 569-578.

Hammer, R.R.J., 1883. Undersogelser ved Jakobhavns Isfjord og naermeste Omegn; Vinteren 1879-80. Meddelelser om Gronland 4: 1-67.

Hansen, P., 1939. Beretn. vedrorende Gronlands Styrelse, Copenhagen.

Hansen, P., 1940. Beretn. vedrorende Gronlands Styrelse, Copenhagen.

Harrison, W.G., T. Platt and B. Irwin, 1982. Primary production and nutrient assimilation by natural phytoplankton populations of the eastern Canadian Arctic. Can. J. Fish. and Aq. Sc. 39(2): 335-345.

Hartley, C.H. and M.J. Dunbar, 1938. On the hydrographic mechanism of the so-called brown zones associated with tidal glaciers. J. Mar. Res. 1(4): 305-311.

Hattersley-Smith, G. and H. Serson, 1966. Reconnaissance oceanography over the ice of the Nansen Sound fiord system. Dept. of Nat. Defence, Defence Res. Board, Ottawa, Hazen 28, 13 p., figures.

Hayes, I.I., 1867. The Open Polar Sea. Hurd & Houghlin, N.Y., 454 p.

Herlinveaux, R.H., 1970. Icepack 8/68 - Oceanographic and biological observations. Fish. Res. Board Can. Tech. Rep. No. 159. 60 p., illus.

Herlinveaux, R.H., 1974. Surface movements in Canadian arctic waters with some accompanying temperature and salinity observations. Unpubl. man., Pacific Mar. Sc. Rep. Env. Can., Mar. Sc. Dir., Pacific Region, Victoria, B.C., 36 p.

Herlinveaux, R.H. and H.E. Sadler, 1973. Oceanographic features in Nares Strait in August 1971. Env. Can., Mar. Sc. Dir., Pacific Region, Victoria, B.C. 104 p.

Herlinveaux, R.H. and S.E.G. Wilson, 1974. Oceanographic observations in the Canadian Arctic, September 1972. Env. Can., Mar. Sc. Dir., Pacific Region, Victoria, B.C. Pac. Mar. Sc. Rep., Feb. 1974. 24 p.

Herlinveaux, R.H., 1979. Oceanographic observations in Robeson Channel, N.W.T. - 1971. Institute of Ocean Sciences, Sidney, B.C., Pac. Mar. Sc. Rep. 79-16, 39 p.

Hermann, F., 1966. Hydrographic conditions off west Greenland in 1964. Int. Council for the Expl. of the Sea. Annales Biologiques 1964, 21: 16-19.

Hermann, 1968. Vertical water movements in the polar front along west Greenland. International Commission for the Northwest Atlantic Fisheries, Halifax. Spec. Pub. No. 7, Part I, prepared by Canadian Oceanographic Data Centre, Ottawa, 55 p.

Ito, H., 1981. On the mechanics of the fast ice in the North Water area. Geographisches Institut. Eidgenossische Technische Hochschale Zurich. Meft 2, 93 p., 133 p. appendices.

Jensen, J.A.D., 1881. Meddelelser om Gronland 2: 113-147.

Jensen, J.A.D., 1889. Undersogelse af Gronlands Vestkyst fra 64° til 67° N.B. 1884 og 1885. Meddelelser om Gronland 8: 33-121.

Jones, E.P. and A.R. Coote, 1980. Nutrient distributions in the Canadian Archipelago: indicators of summer water mass and flow characteristics. Can. J. Fish. Aquat. Sci. 37: 589-599.

Keys, J.E., Moira Dunbar, D.J. Finalyson, and J.W. Moffat, 1974. Radar measurements of ice drift in Robeson Channel, 1972. Defence Research Establishment Ottawa, Tech. Note 74-21, 39 p.

Kiilerich, A.B., 1933. Nordvaneet Forsog paa en Forklaring af det isfri Havomraade i Smith Sund. Geografiske Tidsskrift, 36: 53-61.

Kiilerich, A.B., 1939. The Godthaab expedition 1928 - a theoretical treatment of the hydrographical observation material. Meddelelser om Gronland 78(5): 1-148.

Knudsen, M., 1899. The Danish Ingolf-Expedition. Vol. I, Part 1-Report of Voyage, pp. 1-22; Part 2-Hydrography, pp. 23-162, plates and maps.

Knudsen, M., 1923. Dr. Thorild Wulff's hydrographical investigations in the waters west of Greenland. Meddelelser om Gronland, 64: 89-100.

Lake, R.A. and C.R. Walker, 1976. A Canadian arctic fjord with some comparisons to fjords of the western Americas. J. Fish. Res. Board Can. 33: 2272-2285.

Le Danois, E., 1924. Etude hydrologique de l'Atlantic-Nord. Annales de l'Institut Oceanographique - Nouvelle Serie Vol. 1, No. 1, Paris. 52 p.

Lee, A.J. and P.G.W. Jones, 1968. The intercalibration of gear and methods used during Norwestlant 1-3. International Commission for the Northwest Atlantic Fisheries, Halifax. Prepared by Canadian Oceanographic Data Centre, Ottawa,Sp. Pub. No. 7, Part III, Vol. 1: 1-28.

Lemon, D.D., 1980. CTD data from western Baffin Bay and Lancaster Sound, 1978 and 1979. Unpub. data report by Arctic Sciences Ltd., Sidney, B.C. for Petro-Canada Ltd., Calgary, Alberta. 52 p., appendices.

Lemon, D.D. and D.B. Fissel, 1982. Seasonal variations in currents and water properties in northwestern Baffin Bay, 1978-1979. Arctic 35(1): 211-218.

Lewis, E.L. and E.R. Walker, 1970. The water structure under a growing sea ice sheet. J. Geoph. Res. 75(35): 6836-6845.

Lewis, E.L. and R.G. Perkin, 1978. Salinity: its definition and calculation. J. Geoph. Res. 83: 466-478.

Lewis, E.L. and R.G. Perkin, 1982. Seasonal mixing processes in an arctic fjord system. Jour. Phys. Oceanogr. Vol. 12(1): 74-83.

Loewe, F., 1933. Die Gletscherfronten im Umanakbezirk. Wiss. Erg. d. Deutschen Gronland-Exp. Alfred Wegener 1929 und 1930-31, 3: 1-17.

Loewe, F., 1934. Hydrographische Untersuchungen in der Umanaqbucht (Westgronland). Ann. Hydrogr. u. Marit. Met., July, 1934, 302-303.

Loewe, F., 1935. Hydrographische Untersuchungen in Fjorden West-Gronlands. Arctica, 3: 55-78.

Loewe, F., 1937. A period of warm winters in western Greenland and the temperature see-saw between western Greenland and central Europe. Quart. J. Roy. Met. Soc., 63 (271): 365-372.

Marko, J.R., 1982. Environmental Studies No. 26. The Ice Environment of Eastern Lancaster Sound and Western Baffin Bay. Dept. of Indian and Northern Affairs, Northern Affairs Program, Ottawa. 215 p., unnumbered appendices.

Marko, J.R., J.R. Birch, and M.A. Wilson, 1982. A study of long-term satellite-tracked iceberg drifts in Baffin Bay and Davis Strait. Arctic 35(1): 234-240.

Martens, E., 1929. Cons. Perm. Rapp. Proc.-Verb. 65: 1-29. (Norwegian Michael Sars exp. of 1924.)

McGough, R.J., 1956. Local environmental factors affecting ice formation in North Star Bugt, Greenland. U.S. Navy Hydrographic Office, Washington, D.C. (see NTIS in Appendix 2) January 1956, 7 p., 24 figures, 3 tables, H.O. TR-23.

Metcalf, W.G., 1949. Oceanographic program of the U.S. Navy Task Force 80 Arctic Operation, summer 1948. Woods Hole Ocean. Institution, Woods Hole, Mass., Tech. Rep. No. C-2, Ref. 49-4, Jan. 1949, 63 p.

Moltke, C., 1896. Temperatur-og Saltholdighedsmaalinger af Fjordvand. Meddelelser om Gronland 16: 108-122.

Morse, R.M., 1963. On the reliability of field measurements of salinity with the inductive salinometer. U.S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2). Unpubl. Man. Ser. 18 p.

Moss, E.L., 1878. Observations on arctic sea water and ice. Proc. Royal Soc. London, 27: 544-559.

Moynihan, M.J., 1971. Oceanographic conditions in northeastern Baffin Bay during August 1969. U.S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2), Oceangr. Rep. No. 44, Oct. 1971, pp. 6-21.

Moynihan, M.J., 1972a. Oceanographic observations in Kane Basin, September, 1968 and July, September 1969. U.S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2), Ocean. Rep. No. 55, August 1972, 70 p.

Moynihan, M.J., 1972b. Oceanographic conditions in Nares Strait, August-September, 1970. U.S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2), Ocean. Rep. No. 57, August 1972. 4 p., illus., tables.

Moynihan, M.J. and E.J. Tennyson, 1971. Oceanographic conditions in Disko Bay and southeastern Baffin Bay in 1968. U.S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2), Ocean. Rep. No. 37, CG 373-37, pp. 24-33.

Muench, R.D., 1966. The exchange of water between the Arctic Ocean and Baffin Bay via Nares Strait. M.A. Thesis, Darthmouth College, Hanover, 89 p.

Muench, R.D., 1971a. Oceanographic conditions in Smith Sound and northern Baffin Bay, September, 1968. In Oceanographic observations in Baffin Bay during July-September 1968. U.S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2), Ocean. Report No. 37 (CG-373), February 1971. pp. 1-20.

Muench, R.D., 1971b. Oceanographic conditions in the Melville Bay-Carey Island region, northern Baffin Bay, September 17-October 2, 1969. In U.S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2), Rep. No. 44, October, 1971, pp. 22-143.

Muench, R.D., 1971c. Oceanographic conditions at a fixed location in western Kane Basin, May 1969. In U.S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2), Ocean. Rep. No. 44, October 1971, pp. 1-5.

Muench, R.D., 1971d. The physical oceanography of the northern Baffin Bay region. Arctic Inst. of N.A., Washington, D.C. Baffin Bay-North Water Project. Sc. Rep. No. 1. 150 p.

Muench, R.D., 1972. Oceanographic conditions in the northern Baffin Bay region July 24-August 6, 1970. U.S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2), Ocean. Rep. No. 54, August 1972. 113 p.

Muench, R.D., 1973. Some observations of variations in North Water surface area and in certain atmospheric parameters. From Climate of the Arctic 1973, pp. 391-397.

Muench, R.D. and W.G. Tidmarsh, 1969. A preliminary report of field work during 1969: The September Cape York program. In the Baffin Bay - North Water Project Report No. 5. Arctic Inst. of N.A., Washington, D.C., Res. Paper No. 56, 22 p.

Muench, R.D. and H.E. Sadler, 1973. Physical oceanographic observations in Baffin Bay and Davis Strait. Arctic 26(1): 73-76.

Muller, F., 1976. North Water Project Progress Report, October 1, 1975 to September 30, 1976. ETH, Zurich and McGill Univ., Montreal. 128 p.

Nielsen, J.N., 1928. The waters round Greenland, Vol. I, The discovery of Greenland, exploration and nature of the country. Humphrey Milford and C.A. Reitzel, London and Copenhagen, pp. 185-203.

Nielsen, A.H., J. Dietrich and J. Fabricius, 1978. Environmental conditions on the continental shelf off west Greenland. J. of Petr. Tech. October 1978, pp. 1381-1391.

Nielsen, T.K. and N.E.O. Hansen, 1980. Mixing and exchange processes in a small Greenland sill fjord. In Fjord Oceanography. NATO Conf. on Fjord Oceanogr., Victoria, B.C., June 1979, pp. 219-224.

Nutt, D.C., 1941. Captain Bartlett's Arctic cruise, 1940. Polard Record 21: 360-361.

Palfrey, K.M., 1968. Oceanography of Baffin Bay and Nares Strait in the summer of 1966. U.S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2), Oceanogr. Rep. No. 16, pp. 1-74.

Palfrey, K.M. and G. Godfrey Day, 1968. Oceanography of Baffin Bay and Nares Strait in summer of 1966 and current measurement in Smith Sound, summer 1963. U.S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2),Oceanogr. Rep. No. 16, 204 p.

Petermann, A., 1867. Das Nordlichste Land der Erde. Petermann's Geographische Mitteilungen. 13.

Petersen, G.H., 1964. The hydrography, primary production, bathymetry, and "TAGSAQ" of Disko Bught, West Greenland. Meddelelser om Gronland Bd. 159, Nr. 10: 5-21.

Petersen, H.K., 1978. Fate and effect of Bunker C oil spilled by the USNS Potomac in Melville Bay, Greenland, 1977. Proceedings of Conf. on Assessment of Ecological Impacts of Oil Spills. June 14-17, 1978. Keystone, Colorado. Am. Inst. Biol. Sc. pp. 332-343.

Redfield, A.C. and I. Friedman, 1969. The effect of meteoric water, melt water and brine on the composition of polar sea water and of the deep waters of the ocean. Deep Sea Res. Supp. to Vol. 16: 197-214.

Ricketts, N.G. and P.D. Trask, 1932. The bathymetry and sediments of Davis Strait. The Marion expedition to Davis Strait and Baffin Bay under the direction of the U.S.C.G., 1928. U.S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2), Bulletin 19, Part 1, Scientific Results.

Riis-Carstensen, E., 1936. The Godthaab expedition 1928. The hydrographic work and material. Meddelelser om Gronland, 78(1): 1-105.

Riis-Carstensen, E., 1948. Den Gronlandske Lods: Vestgronland, Udg. af det Kongelige Danske Sokart-Arkiv. J.H. Schulz A/S, Kobenhaven, 368 p.

Ross, J.C., 1850. Narrative of the proceedings of Captain Sir James C. Ross, in command of the expedition through Lancaster Sound and Barrow Strait. Great Britain Parliament - House of Commons Paper No. 4, 58-64.

Ryder, C.H., 1889. Undersogelse af Gronlands Vestkyst fra 72° til 74°35'N. Br. 1886 og 1887. Meddelelser om Gronland, 8: 203-270.

Sadler, H.E., 1972a. Cruise 1802-7104, August 18-29, 1971. Dept. Env., Canadian Oceanographic Data Centre, Ottawa, data report. 38 p.

Sadler, H.E., 1972b. Cruise 1827-72, June 4-5, 1972. Dept. of Env., Canadian Oceanographic Data Centre, Ottawa, data report. 6 p.

Sadler, H.E., 1972c. A preliminary report on the oceanography of Makinson Inlet, Ellesmere Island, N.W.T. Defence Research Establishment Ottawa, Tech. Note 72-9. 28 p.

Sadler, H.E., 1973. On the oceanography of Makinson Inlet. Arctic 26(1): 76-77.

Sadler, H.E., 1976a. Water, heat and salt transports through Nares Strait, Ellesmere Island. J. Fish. Res. Board Can. 56: 2286-2295.

Sadler, H.E., 1976b. The flow of water and heat through Nares Strait. Defence Research Establishment Ottawa, Report No. 736, 184 p.

Sater, J.E., 1972. A winter scientific reconnaissance of the North Water. Arctic 25(2): 151-152.

Seibert, G.H., 1968. Oceanographic observations in the Lincoln Sea, June 1967. The Baffin Bay-North Water Project Rep. No. 2. Arctic Inst. of N. Am., Washington, D.C. Res. Paper No. 46, 22 p.

Senior, C.W., 1961. Study of oceanographic conditions as related to project polynya. U.S. Navy Hydr. Off. (see NTIS in Appendix 2), Tech. Rep. 80, December 1961. 75 p., illus.

Smith, E.H., 1931a. Arctic ice, with special reference to its distribution to the North Atlantic Ocean; the Marion expedition to Davis Strait and Baffin Bay, 1928. U.S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2), Bulletin 19(3): 1-221.

Smith, E.H., 1931b. The Marion expedition to Davis Strait and Baffin Bay. U.S. Treasury Dept. Coast Guard. Bulletin No. 19, Scientific Results - Part 3. 221 p.

Smith, E.H., F.M. Soule and O. Mosby, 1937. The Marion and General Greene expeditions to Davis Strait and Labrador Sea. U.S. Treasury Dept. Coast Guard Bulletin No. 19, Scientific Results - Part 2 Physical Oceanography. 259 p.

Steltner, H., 1977. Report in fulfillment of contracts OSQ77-00057 and OSQ76-00190. (Available from Steltner Man., 5 Sparks Street, St. Catherines, Ontario, L2N 4E1.)

Sweers, H.E., 1970. OCEANS IV. A processing, archival and retrieving system for oceanographic station data. Dept. of Energy, Mines and Resources, Marine Services Branch, Ottawa. Manuscript Rep. No. 15, 137 p.

Tan, F.C. and P.M. Strain, 1980. The distribution of sea ice meltwater in the eastern Canadian Arctic. J. of Geophys. Res. 85(C4): 1925-1932.

Tapager, J.R.D., 1955. Local environmental factors affecting ice formation in Sondre Stromfjord, Greenland. U.S. Naval Hydr. Off., Washington, D.C. (see NTIS in Appendix 2), Tech. Rep. TR-22. Nov. 1955. 26 p., illus.

Tidmarsh, W.G., E.C. Carmack and J. Overland, 1969. A preliminary report of field work during 1969. April-May Kane Basin program; in the Baffin Bay-North Water project report no. 5. Arctic Inst. of N. Am., Washington, D.C. Res. Paper No. 56: 1-12.

Tooma, S.G., 1978a. Northern Smith Sound oceanography - summer 1977. Naval Ocean Res. and Dev. Activity, Tech. Note 21, NSTL Stn, Miss. 23 p.

Tooma, S.G., 1978b. Summer circulation patterns, northern Smith Sound. Arctic, 31(2): 85-96.

Tyson, G.E., 1874. Arctic Experiences: containing Capt. George E. Tyson's wonderful drift on the ice floe, a history of the Polaris expedition, the cruise of the Tigress, and the rescue of the Polaris survivors (ed. E. Vale Blake) 486 p.

U.S. Naval Hydrographic Office, 1954a. Oceanographic observations arctic waters. U.S. Naval Hydr. Off., Washington, D.C. (see NTIS in Appendix 2), Report No. 618-A, 315 p.

U.S. Naval Hydrographic Office, 1954b. Oceanographic observations arctic waters. U.S. Naval Hydr. Off., Washington, D.C. (see NTIS in Appendix 2), Rep. No. 618-B, 95 p.

U.S. Naval Hydrographic Office, 1956. U.S. Naval Hydr. Off., Washington, D.C. (see NTIS in Appendix 2), Pub. 15047-31.

U.S. Naval Hydrographic Office, 1958. Oceanographic atlas of the polar seas. Part II. Arctic. U.S. Naval Hydr. Off., Washington, D.C. (see NTIS in Appendix 2), Pub. No. 705, 149 p.

U.S. Naval Hydrographic Office, 1959. Oceanographic observations arctic waters. Task force five and six. Summer-Autumn 1957. USCGC Eastwind, USCGC Westwind, USCGC Spar, USS Atka, USS Eldorado. U.S. Naval Hydr. Off., Washington, D.C. (see NTIS in Appendix 2), Tech. Rep. No. 59, November 1959, 145 p., illus.

U.S. Naval Hydrographic Office, 1960. Oceanographic observations arctic waters. Task force five and six. Summer-Autumn 1956. USS Resolute, USS Eldorado, USS Atka, USCGC Eastwind. U.S. Naval Hydr. Off., Washington, D.C. (see NTIS in Appendix 2), Tech. Rep. No. 58, October 1960. 89 p., illus.

U.S. Naval Oceanographic Office, 1963a. Oceanographic data report, Arctic, 1958. U.S. Naval Oc. Office, Washington, D.C. (see NTIS in Appendix 2), Informal Man. Rep. No. 0-26-63, 200 p.

U.S. Naval Oceanographic Office, 1963b. Oceanographic data report, Arctic, 1959. U.S. Naval Ocean. Off., Washington, D.C. (see NTIS in Appendix 2), Inf. Man. Rep. No. 0-43-63, 245 p.

U.S. Naval Oceanographic Office, 1964. Oceanographic data report, Arctic, 1960. U.S. Naval Ocean. Off.,, Washington, D.C. (see NTIS in Appendix 2), Inf. Man. Rep. No. 0-62-63. 154 p., illus.

U.S. Naval Oceanographic Office, 1968. Oceanographic cruise summary. Baffin Bay, Davis Strait, Labrador Sea, summer 1967. U.S. Naval Ocean. Off., , Washington, D.C. (see NTIS in Appendix 2), Inf. Rep. 68-23. 20 p.

U.S. Naval Oceanographic Office, 1969. Oceanographic cruise summary. Baffin Bay, Davis Strait, Labrador Sea, summer 1968. U.S. Naval Ocean. Off., Washington, D.C. (see NTIS in Appendix 2), Inf. Rep. No. 69-37. 7 p.

Walker, E.R., 1977. Aspects of oceanography in the archipelago. Institute of Sciences, Sidney, B.C. I.O.S. Note 3, 186 p.

Wandel, C.F., 1891. Om de hydrographiske Forhold: Davis-Straedet. Meddelelser om Gronland 7(3): 57-103.

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8. DATA INVENTORY TABLE

Table 1 presents a summary listing of the data sets included in this inventory. The table lists all the data contained in the inventory sequentially by data set number. Water property, moored current meter, surface drift and water level data are fully catalogued. BT data, because of their limited usefulness in Arctic waters without accompanying salinity data, have not been catalogued in detail. However their existence has been noted in Table 1, and their general distribution may be deduced from the pattern of stations for a particular cruise, as they were usually collected at and along the track between stations. Over-the-side current measurements of short duration made with fixed-depth or profiling current meters have not been fully inventoried. Attempts were made to include all such data covering a tidal cycle or more.

Each column of the table contains the following information (symbols and abbreviations used in each column are explained as well):

Column 1 - Data Set I.D.

- contains the data set identifier number, which is of the form yy-nnnn, where yy is the last two digits of the year in which the data set was collected, and nnnn is the sequential number of the data set for that particular year. (The series of data set numbers applies to the whole set of inventories; gaps may appear in the sequence in any one inventory where data sets exist only in other areas or disciplines. A data set which appears in two or more areas or disciplines will have the same number in every case.) Data sets may be sub-divided by the addition of a letter at the end of the number. Sub-divisions apply only within this report and are used to separate specific types of physical oceanographic data within a single cruise or study.

Column 2 - Ship or collecting agency

- contains the name of the ship (underlined), platform and/or agency.

Column 3 - Dates of measurements

- gives the dates spanning the period during which measurements were taken in the area covered by the inventory. The year is given by the first two digits of the data set number in column 1, unless the measurement period spans the end of a year, in which case it is given explicitly. Question marks mean the dates could not be confirmed, generally due to poor/lack of documentation.

Column 4 - Quantity measured

- lists the physical parameters measured in the data set. A quantity followed by a ? means that reference to such a measurement was made but no supporting details. Measurements identified as "Currents" are Eulerian, fixed current measurements; "Current drift" refers to Lagrangian measurements. Current profiles are spot measurements at certain depths.

Column 5 - Instruments or methods used

- lists the instruments and methods used to make the measurements. The entries appear opposite the names (in column 3) of the quantities they measure. A question mark after the entry denotes an assumption, i.e. that the method used was not explicitly stated and an assumption was made from standard practice at the time. A question mark alone means that the instrument used is unknown.

Column 6 - Estimate of data precision and accuracy

- lists the estimates of the precision (repeatability) and accuracy for each instrument opposite the entry for that instrument in column 5. For instruments of a digital nature, the precision specified is based on the resolution of the instrument. Where possible, estimates made by the original investigators are used. They are entered as two members of the form $\pm n_1$, $\pm n_2$ where n_1 is the precision and n_2 the accuracy. Where investigator's estimates were not available, the following special symbols and entries have been used:

  $[\pm n_1, \pm n_2]$: standard oceanographic methods were used, which would normally result in these values. The techniques and precision/accuracy used in this context are:

BT	[0.2C°,0.2C°]
Reversing thermometer	[0.02C°,0.03C°]
Salinity - Hydrometer	[0.2°/oo,0.2°/oo]
Salinity - Refractormeter	[0.5°/oo,0.5°/oo]
Salinity - Titration	[0.02°/oo,0.04°/oo]
Salinity - Bench salinometer	[0.01°/oo,0.02°/oo]

  $\pm n_1$ @: manufacturer's specifications for that instrument.

  $\pm n_1$?: an estimate has been given which is questionable for reasons detailed in Appendix 1.

  The column is blank where no information was available and no reasonable assumption could be made.

Column 7 - Data rating number

- carries the dating rating number assigned as explained in Section 5.

Column 8 - Area

- lists the sub-areas in which the majority of the measurements in the data set were taken. (The sub-areas are defined in Figure 1.)

Column 9 - Concurrent measurements

- lists known measurements in other disciplines taken as part of the data set. Other measurements may have been taken which were not discovered while cataloguing the physical oceanographic data.

Column 10 - Source or reference

- lists a primary source or reference for the data sets. Data sets held in the data banks at the Marine Environmental Data Centre, Ottawa or at the National Oceanographic Data Center, Washington D.C. are identified, respectively by the entries MEDS# and NODC# followed by the data bank's identity number. A MEDS number alone does not necessarily mean that the data are not stored at NODC. If MEDS does not have the data then a NODC number is given if stored there. Appendix 2 lists addresses and contacts for these sources.

TABLE 1: SUMMARY LISTING OF DATA SETS

Data Set I.D.	Ship or collecting agency	Dates of measure-ments	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
1898 to 1902	FRAM (NORWEGIAN ARCTIC EXPEDITION)		Surface temperature	?		2	Jones Sound	Plankton, bottom samples	Collin (1960)
08-0002	TJALFE (DENMARK)	July 16	Temperature Salinity	? ?		2	Disko Bay		Nielsen (1928)
16-0001	THULE II	July 2-Nov.	Temperature Salinity	Reversing thermometer Titration	? ?	2	West Greenland		Knudsen (1923)
24-0001	MICHAEL SARS (NORWAY)	Aug.14-15	Temperature Salinity	? ?		2	Baffin Bay	pH, dissolved oxygen	MEDS #180324017 Martens (1929)
25-0001	DANA (DENMARK)	June 22-Aug. 14	Temperature Salinity	? ?		2	West Greenland	pH	NODC #50045 Baggesgaard-Rasmussen and Jacobsen (1930)
28-0001	GODTHAAB (DENMARK)	July 13-Sept. 9	Temperature Salinity Current profiles	Reversing thermometer Knudsen titration Marx & Berndt, drift bottles	0.016C°,[0.03C°] [0.02°/oo,0.04°/oo] ?	3	Baffin Bay, Smith Sound, Jones Sound	Oxygen, pH	NODC #50012 Riis-Carstensen (1936)
28-0002	MARION (U.S.)	Aug. 7-14	Temperature Salinity	Reversing thermometer Salinometer	[0.02C°],0.03C° 0.02°/oo,[0.02°/oo]	3	Davis Strait	pH, bottom samples	NODC #50125 Smith et al. (1937) Ricketts and Trask (1932)
30-0001	VILLE D'YS (FRANCE)	Aug. 15	Temperature	?		2	Davis Stait		Beaugé (1931)
31-0001	LA MADELEINE (FRANCE)	Aug.5-6	Temperature	?		2	Davis Strait		Beaugé (1932)
31-0002	ST.JEANNE D'ARC (FRANCE)	Aug.18	Temperature	?		2	Davis Strait		Beaugé (1932)
32-0001	VILLE D'YS (FRANCE)	Aug.11-18	Temperature	?		2	Disko Island		Beaugé (1933)
32-0002	VICTORIA (FRANCE)	Sept.12	Temperature	?		2	Disko Island		Beaugé (1933)
36-0001	?	Aug.3-22	Temperature Salinity	? Titration	 [0.02°/oo,0.04°/oo]	2	Disko Bay	Plankton	Hartley and Dunbar (1938)

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or collecting agency	Dates of measure-ments	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
37-0002A	VILLE D'YS? (FRANCE)	July 20-Sept. 27	Temperature Salinity	? ?		2		pH	NODC #50028
37-0002B	STEADY? (DENMARK)	Aug. 25-Sept. 28	Temperature Salinity	? ?		2	Davis Strait		Conseil Perm. (19??)
37-0003	BRITISH ARCTIC EXPEDITION	Autumn	Water level	?		2	Thule	Botany collection	Anonymous (1939)
38-0001	VILLE D'YS (FRANCE)	July 16-18	Temperature Salinity	? ?		2	West Greenland	pH	NODC #50350
40-0001	NORTHLAND (U.S.)	Sept. 14-17	Temperature Salinity	? ?		3	Western Baffin Bay		NODC #50124 Barnes (1941)
40-0002	SHORE-BASED (CANADA)	Sept.11-22	Temperature Salinity	Reversing thermometer Titration?	[0.02C°,0.03C°] [0.02°/oo,0.04°/oo]	2	Baffin Bay	Plankton	Dunbar (1942) Dunbar (1951)
40-0003	E.M. MORRISSEY (U.S.)	June-Sept.	Surface temperature Surface drift	? drift bottles	?	2	Baffin Bay, Nares Strait	Birds collected, dredgings	Nutt (1941)
42-0001	MOTOR BOATS	July 31, Aug. 30	Temperature Salinity	Reversing thermometer ?	[0.02C°,0.03C°]? ?	2	West Greenland		Dunbar (1946) Dunbar (1951)
43-0001	MOTOR BOATS	Sept. 15	Temperature Salinity?	Reversing thermometer ?	[0.02C°,0.03C°]? ?	2	West Greenland		Dunbar (1946) Dunbar (1951)
46-0001	NORTHWIND (U.S.)	July 14-Aug. 24	Temperature Salinity	Reversing thermometer BT ?	[0.02C°,0.03C°] [0.2C°,0.2C°]	3	Baffin Bay, Nares Strait	Bottom sediment, plankton	Metcalf (1949)
47-0001	EDISTO (U.S.)	?	Temperature Salinity	Reversing thermometer BT ?	[0.02C°,0.03C°] [0.2C°,0.2C°] ?	2	Jones Sound	?	Dunbar (1951, p.19)

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or collecting agency	Dates of measure-ments	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
48-0001	EASTWIND (U.S.)	July 22-Sept. 8	Temperature	Reversing thermometer	[0.02C°,0.03C°]	3	Baffin Bay, Nares Strait		NODC #50376 Metcalf (1949)
				BT	[0.2C°,0.2C°]				
			Salinity	?					
48-0003	HEIMDAL STEENSTRUP (DENMARK)	July 11-Sept. 3	Temperature	?		2	Baffin Bay	pH	NODC #50295 Conseil Perm. (1952)
			Salinity	?					
48-0004	?	Aug.1-31	Water level	?		2	Pond Inlet		MEDS #480001
48-0005		Aug.1-Sept.30	Water level	?		2	Baffin Bay		MEDS #480002
49-0002	ENDEAVOR (U.S.)	July 19-20	Temperature	?		2	Disko Island	pH, dissolved oxygen	NODC #50278
			Salinity	?					
49-0003	HEIMDAL (DENMARK)	July 11-Aug. 27	Temperature	?		2	Disko Island		NODC #50534 Conseil Perm. (1954)
			Salinity	?					
50-0002	EDISTO (U.S.)	July 27-Aug. 23	Temperature	Reversing thermometer	[0.02C°,0.03C°]	3	Baffin Bay, Nares Strait	Fish, dissolved oxygen, secchi disc, plankton	NODC #50375 U.S. Hydr. Office (1954a)
				BT	[0.2C°,0.2C°]				
			Salinity						
50-0003	DANA (DENMARK)	July 10-Sept. 8	Temperature	?		2	Disko Island	Phosphate, phosphorous, pH	NODC #50535 Conseil Perm. (1954b)
			Salinity	?					
50-0004	L'AVENTURE (FRANCE)	Aug. 17	Temperature	?		2	Baffin Bay		Conseil Perm. (1954b)
			Salinity	?					
50-0005	HEIMDAL (DENMARK)	Sept. 8	Temperature	?		2	Baffin Bay		Conseil Perm. (1954b)
			Salinity	?					
51-0005	NORWAY	July 23	Temperature	?		2	Davis Strait		NODC #50700 Conseil Perm. (1955)
			Salinity	?					
51-0006	EDISTO (U.S.)	June 8-Aug. 31	Temperature	Reversing thermometer?	[0.02C°,0.03C°]	3	West Greenland	pH, dissolved oxygen, transparency, phosphate, phosphorous	NODC #50369 U.S. Hydr. Office (1954a)
				BT	[0.2C°,0.2C°]				
			Salinity	?					

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
52-0003	EDISTO (U.S.)	June 25-Aug. 29	Temperature	Reversing thermometer	[0.02C°,0.03C°]	3	Baffin Bay, Jones Sound	pH, bottom samples, dissolved oxygen, phosphate, phosphorous, transparency	NODC #50368 MEDS #180052040 U.S. Hydr. Office (1954a)
				BT	[0.2C°,0.2C°]				
			Salinity	?					
52-0005	DANA (DENMARK)	July 26-Aug. 27	Temperature	?		2	West Greenland	ph, dissolved oxygen	NODC #50701 Conseil. Perm (1956)
			Salinity	?					
52-0006	ATKA (U.S.)	May 26-Oct. 6	Temperature	Reversing thermometer?	[0.02C°,0.03C°]	3	Baffin Bay, Smith Sound	Dissolved oxygen	U.S. Hydr. Office (1954a)
				BT	[0.2C°,0.2C°]				
			Salinity	?					
52-0007	L'AVENTURE (FRANCE)	Aug.26-27	Temperature	?		2	Baffin Bay		Conseil Perm. (1956)
			Salinity	?					
53-0005	DANA (DENMARK)	July 24-Aug. 4	Temperature	?		2	Disko Island	pH, phosphate, phosphorous	NODC #50720 Conseil Perm. (1957)
			Salinity	?					
53-0006	ATKA (U.S.)	Jan. 23-Mar. 14	Temperature	Reversing thermometer?	[0.02C°,0.03C°]	3	Baffin Bay	pH, dissolved oxygen, phosphate, phosphorous	NODC #50380 U.S. Hydr. Office (1954b)
				BT	[0.2C°,0.2C°]				
			Salinity	?					
53-0007	ATKA (U.S.)	July 14-Oct. 21	Temperature	Reversing thermometer	[0.02C°,0.03C°]	3	Baffin Bay	Dissolved oxygen, water color and transparency, bottom cores, vertical plankton tows	NODC #50378 U.S. Hydr. Office (1954b)
				BT	[0.2C°,0.2C°]				
			Salinity	?					
53-0008	PURSUIT (U.S.)	Aug. 1-Sept. 1	Temperature	?		2	Eastern Baffin Bay	pH, dissolved oxygen	NODC #50427
			Salinity	?					
53-0009	U.S. NAVY	Sept. 29	Temperature	?		2	Smith Sound	Ice conditions	Tapager (1955)
			Salinity	?					
53-0010	U.S. NAVY	Sept. 29-Oct. 24	Temperature	?		2	Thule	Ice conditions, weather	McGough (1956)
			Salinity	?					
53-0011	L'AVENTURE (FRANCE)	Aug. 16	Temperature	?		2	Disko Island		Conseil Perm. (1957)
			Salinity	?					

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
53-0012	ADOLF JENSEN (DENMARK)	Aug. 4	Temperature Salinity	? ?		2	West Greenland		Conseil Perm. (1957)
54-0001	LABRADOR (F.R.B., ATLANTIC OC. GROUP)	Aug. 3-14	Temperature Salinity	Reversing thermometer Knudsen titration	[0.02C°,0.03C°] [0.02°/oo,0.04°/oo]	3	Baffin Bay, Smith Sound, Jones Sound	Magnetic survey, bottom samples, plankton, oxygen, phosphates	MEDS #180354189 Bailey (1957)
54-0006	DANA (DENMARK)	July 25-31	Temperature Salinity	? ?		2	Disko Island	pH, phosphate, phosphorous	NODC #50824 Conseil Perm. (1959)
54-0007	ATKA (U.S.)	Aug. 24-31	Temperature Salinity	? ?		2	Northern Baffin Bay		NODC #50559 U.S. Hydr. Office Pub. 15047-31
54-0008	STATEN ISLAND (U.S.)	Oct. 6	Temperature Salinity	? ?		2	Eclipse Sound	Deutrium	Redfield & Freidman (1969)
54-0009	CANADA	May 6-July 29	Temperature Salinity	? ?		2	Baffin Bay, Eclipse Sound		MEDS #181754451
55-0004	DANA (DENMARK)	July 25-Oct. 1	Temperature Salinity	? ?		2	Disko Island	pH, phosphate, phosphorous, dissolved oxygen	NODC #50846 Conseil Perm. (1960)
55-0005	ATKA (U.S.)	Sept. 16-Oct. 2	Temperature Salinity	? ?		2	Baffin Bay, Smith Sound	pH, phosphate, phosphorous, silica, nitrate, nitrogen	NODC #50510
55-0006	ANTON DOHRN (W.GERMANY)	Sept. 30 Oct. 1	Temperature Salinity	? ?		2	Baffin Bay		Conseil Perm. (1960)
55-0007	MCGILL UNIV. (CANADA)	April 26-July 29	Temperature Salinity	Reversing thermometer Hydrometer	0.05C°,0.05C° 0.2°/oo,0.2°/oo	3	Baffin Bay, Eclipse Sound	Animals collected, benthos	Ellis (1956)
56-0003	LABRADOR (CANADA)	Oct. 2-3	Temperature Salinity	Reversing thermometer Knudsen titration	?/$\pm$ 0.02C°? ?/$\pm$0.02°/oo	3	Western Baffin Bay	Oxygen, phosphate, bottom samples	MEDS #180356219
56-0005	DANA (DENMARK)	July 23-24	Temperature Salinity	? ?		2	Davis Strait	Phosphate, phosphorous	NODC #50999 Conseil Perm. (1962)

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
56-0006	EASTWIND (U.S.)	Oct. 1-4	Temperature	Reversing thermometer	[0.02C°,0.03C°]	3	Baffin Bay, Smith Sound	pH	NODC #50541 U.S. Hydr. Office (1960)
				BT	[0.2C°,0.2C°]				
			Salinity	?	?				
57-0001	SPAR (U.S.)	Sept. 10	Temperature	Reversing thermometer	[0.02C°,0.03C°]	3	Baffin Bay		NODC #50570 U.S. Hydr. Office (1959)
				BT?	[0.2C°,0.2C°]				
			Salinity	Knudsen titration	[0.02°/oo,0.04°/oo]				
57-0003	LABRADOR (CANADA)	Sept. 25-Oct. 1	Temperature	Reversing thermometer	?/±0.02C°?	3	Baffin Bay, Smith Sound	Oxygen, phosphates	MEDS #180357244 Collin and Dunbar (1964)
			Salinity	Knudsen titration	?/±0.02°/oo?				
57-0006	DANA (DENMARK)	July 21-23	Temperature	?		2	Disko Island	pH, phosphate, phosphorous	NODC #50001
			Salinity	?					
58-0002	?	July 1-Aug. 31	Water level	?		2	Davis Strait		MEDS #580001
58-0003	DANA (DENMARK)	July 24-29	Temperature	?		2	Disko Bay	pH, phosphate, phosphorous	NODC #50909 Conseil Perm. ICES Data Lists (1958)
			Sainity	?					
58-0004	WESTWIND (U.S.)	Sept. 13	Temperature	?		2	Thule		NODC #50616 U.S. Ocean. Office (1963a)
			Salinity	?					
58-0005	ATKA (U.S.)	Sept. 21-26	Temperature	?		2	Baffin Bay, Smith Sound	pH	NODC #50602 U.S. Ocean. Office (1963a)
			Salinity	?					
59-0005	WESTWIND U.S.	Sept. 5-Oct.18	Temperature	Reversing thermometer	[0.02C°,0.03C°]	3	Baffin Bay, Smith Sound, Thule	pH, bottom samples	NODC #50638 U.S. Ocean. Office (1963b)
				BT	[0.2C°,0.2C°]				
			Salinity	Conductivity bridge	?				
59-0006	DANA (DENMARK)	July 25	Temperature	?		2	Davis Strait		NODC #50044 Conseil. Perm. ICES Data Lists (1959)
			Salinity	?					
59-0007	GAUSS (W.GERMANY)	Aug. 3-17	Temperature	?		2	West Greenland		MEDS #06GA00720
			Salinity	?					

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
59-0008	U.S. NAVY	Sept. 9-Oct. 21	Temperature Salinity	? BT ?	[0.2C°,0.2C°]	2	Thule	Senior (1961)	
60-0005	LABRADOR (CANADA)	Sept. 17-22	Temperature Salinity	Reversing thermometer BT Titration	[0.02C°,0.03C°] [0.2C°,0.2C°] [0.02°/oo,0.04°/oo]	3	Baffin Bay	Plankton	MEDS #18060340 CODC (1964)
60-0009	WESTWIND (U.S.)	Aug. 28-Sept. 9	Temperature Salinity	Reversing thermometer BT Conductivity bridge	[0.02C°,0.03C°] [0.2C°,0.2C°] ?	3	Baffin Bay, Smith Sound	pH, bottom samples	NODC #50670 U.S. Ocean. Office (1964)
61-0004	LABRADOR (CANADA)	Aug. 21-Sept. 29	Temperature Salinity	Reversing thermometer BT Salinometer	0.02C°,[0.03C°] [0.2C°,0.2C°] .004°/oo,[0.02°/oo]	3	Baffin Bay, Smith Sound	Dissolved oxygen, plankton tows	MEDS #181061341,180061072 CODC (1966b)
61-0010	EDISTO (U.S.)	Sept. 16-28	Temperature Salinity	? ?		2	Baffin Bay, Smith Sound	pH, dissolved oxygen	NODC #50688 Barber and Huyer (1971)
61-0011	DANA (DENMARK)	July 30	Temperature Salinity	? ?		2	Davis Strait	Dissolved oxygen	NODC #50006 Barber and Huyer (1971)
61-0012	ICE CAMP (DEVON ISLAND EXPEDITION)	Jan. 9-Dec. 24	Temperature Salinity Water level	Reversing thermometer Titration ?	[0.02C°,0.03C°] [0.02°/oo,0.04°/oo]	2	Jones Sound	Dissolved oxygen, plankton, phosphate, silicate	MEDS #182361473 Barber and Huyer (1971) Apollonio (1963)
61-0013 (probably part of set 61-0012)	?	May 1-June 30	Water level	?		2	Jones Sound		MEDS #610001
62-0006	SIR JOHN A. MACDONALD (CANADA)	Aug. 14-25	Temperature Salinity	Reversing thermometer BT Salinometer	[0.02C°,0.03C°] [0.2C°,0.2C°] [0.01°/oo,0.02°/oo]	3	Jones Sound	Dissolved oxygen, plankton	MEDS #181062359 CODC (1966a)

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or collecting agency	Dates of measure-ments	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
62-0007	LABRADOR (CANADA)	May 11-Oct. 13	Temperature	Reversing thermometer	0.02C°,[0.03C°]	3	Baffin Bay, Smith Sound, Jones Sound	Dissolved oxygen, benthos, plankton	MEDS #181062362 CODC (1967a)
				BT	[0.2C°,0.2C°]				
			Salinity	Salinometer	0.005°/oo,[0.02°/oo]				
62-0010	ATKA (U.S.)	Sept. 26-30	Temperature	?		2	Baffin Bay, Smith Sound, Jones Sound	Phosphate, phosphorous, dissolved oxygen	NODC #50966 Barber and Huyer (1971)
			Salinity	?					
62-0011	EVERGREEN (U.S.)	July 25-28	Temperature	?		2	Baffin Bay	pH, phosphate, phosphorous, nitrogen, silica, dissolved oxygen	NODC #50176 Barber and Huyer (1971)
			Salinity	?					
62-0012	?	Aug. 1-Sept. 30	Water level	?		2	Smith Sound		MEDS #620001
63-0005	EVERGREEN (U.S.)	July 29-Aug. 4	Temperature	Reversing thermometer	0.009C°,0.01C°	3	Smith Sound, Nares Strait	Phosphate, phosphorous, nitrate, nitrogen, silicate, silicon bottom samples, dissolved oxygen	NODC #50174 Franceschetti (1964) Day (1968)
				BT	[0.2C°,0.2C°]	3			
			Salinity	Salinity bridge	0.005°/oo,0.01°/oo	3			
			Currents	Richardson	?	1			
63-0006	LABRADOR (CANADA)	Sept.16-Oct. 13	Temperature	Reversing thermometer	0.03C°,[0.03C°]	3	Baffin Bay, Nares Strait, Jones Sound	Geophysics, dissolved oxygen	MEDS #181063005 CODC (1967b)
				BT	[0.2C°,0.2C°]				
			Salinity	Salinometer	0.003°/oo,[0.02°/oo]				
63-0007	BAFFIN (CANADA)	June 11	Temperature	Reversing thermometer	[0.02C°,0.03C°]	3	Davis Strait	Plankton, pH, dissolved oxygen, nitrogen, phosphate, fluoride, baron, silicate	MEDS #180163003 CODC (1968b)
				BT	[0.2C°,0.2C°]				
			Salinity	Salinometer	0.003°/oo,[0.02°/oo]				
63-0008	DANA (DENMARK)	July 15-16	Temperature	Reversing thermometer	0.02C°,[0.03C°]	3	Davis Strait	Dissolved oxygen, plankton, phosphate, chlorophyll A.	NODC #50068 CODC (1968b)
				BT	[0.2C°,0.2C°]				
			Salinity	Conductivity salinometer	0.003°/oo,[0.02°/oo]				

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
64-0006	DANA (DENMARK)	July 19-24	Temperature Salinity	? ?		2	Davis Strait	Phosphate, phosphorous, pH, dissolved oxygen	NODC #50075 Hermann (1966)
64-0007	LABRADOR (CANADA)	Sept.5-Oct. 7	Temperature Salinity	Reversing thermometer BT Conductivity bridge	0.02C°,[0.03C°] [0.2C°,0.2C°] 0.003°/oo,[0.02°/oo]	3	Baffin Bay, Nares Strait	Cores, bottom grab, plankton, magnetometer, deuterium, deutrium	MEDS #181064020 CODC (1965)
65-0006	A.T. CAMERON (CANADA)	July 29-Aug. 7	Temperature Salinity	? ?		2	Baffin Bay		MEDS #180565039
65-0007	LABRADOR (CANADA) (B.I.O.)	Sept. 30-Oct. 13	Temperature Salinity	? ?		2	Baffin Bay, Smith Sound		MEDS #181065001 CODC (1969a)
65-0008	W. HERWIG (W.GERMANY)	Aug. 28-29	Temperature Salinity	? ?		2	Davis Strait		MEDS #06__65001
66-0004	EDISTO (U.S.)	July 29-Aug. 27	Temperature Salinity	Reversing thermometer Salinometer	0.006C°,0.01C° 0.005°/oo,[0.02°/oo]	3	Baffin Bay	Vertical plankton tows, carbon, dissolved oxygen	NODC #50807 Palfrey and Day (1968) Palfrey (1968)
66-0007	BLUE (U.S.)	Sept. 30-Oct. 9	Temperature Salinity	? ?		2	Baffin Bay, Smith Sound		NODC #50825
66-0008	DANA (DENMARK)	July 19-20	Temperature Salinity	? ?		2	Davis Strait	Chemical?	MEDS #26DA00300
66-0009	?	July 1-Sept. 30	Water level	?		2	Eclipse Sound		MEDS #660001
67-0002	LABRADOR (CANADA)	Aug. 20-Sept. 1	Temperature Salinity Current profiles	Reversing thermometer BT Salinometer ?	[0.02C°,0.03C°] [0.2C°,0.2C°] [0.01°/oo,0.02°/oo]	3	Smith Sound, Jones Sound	Cores, deutrium	MEDS #180267013 CODC (1968a)
67-0003	EDISTO (U.S.)	Sept.30-Oct. 8	Temperature Salinity	Reversing thermometer BT Salinometer	0.02C°,[0.03C°] [0.2C°,0.2C°] 0.004°/oo,[0.02°/oo]	3	Baffin Bay, Smith Sound	pH, bottom samples	NODC #51161 U.S. Ocean. Office (1968)

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or collecting agency	Dates of measure-ments	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
67-0004	NOVOROSSIJSK RT99 (U.S.S.R.)	Sept. 15-16	Temperature Salinity	? ?		2	Davis Strait	Chemical?	MEDS #90N067022
68-0001	LABRADOR (CANADA)	Aug. 15-Sept. 15	Temperature Salinity	Reversing thermometer BT Salinometer	[0.02C°,0.03C°] [0.2C°,0.2C°] [0.01°/oo,0.02°/oo]	3	Smith Sound, Jones Sound, Eclipse Sound	Dissolved oxygen, biological samples	MEDS #180268013 Herlinveaux (1970)
68-0003	W. HERWIG (W.GERMANY)	July 31	Temperature Salinity	? ?		2	Davis Strait		MEDS #06HW00830
68-0004	EASTWIND (U.S.)	Sept. 19-24	Temperature Salinity	Reversing thermometer Salinometer	[0.02C°,0.03C°] [0.01°/oo,0.02°/oo]	3	Nares Strait	Dissolved oxygen	MEDS #31EW12810 Moynihan (1972a)
68-0005	EASTWIND (U.S.)	July 21-Aug. 4	Temperature Salinity	Reversing thermometer ?	[0.02C°,0.03C°]		Baffin Bay	Bottom grab, samples, dissolved oxygen, bottom photographs	MEDS #31EW13180 Moynihan & Tennyson (1971)
68-0006	EASTWIND (U.S.)	Sept. 24-Oct. 10	Temperature Salinity	Reversing thermometer BT Salinometer (Bisset-Berman model 6220)	[0.02C°],0.06C° [0.2C°,0.2C°] 0.004°/oo,[0.02°/oo]	3	Baffin Bay		MEDS #31EW13530 U.S. Ocean. Office (1969)
68-0007	WESTWIND (U.S.) (UNIV. OF WASHINGTON)	Sept. 7-21	Currents Temperature Salinity	Braincon BR 316, Geodyne 850-1 Reversing thermometer Salinometer	Accuracy ±3% speed, ±20° [0.02C°],0.02C° 0.003°/oo,0.02°/oo	4 3	Smith Sound	Phosphate, nitrate, silicate	MEDS #31WE13780 Muench (1971a) Avis and Coachman (1971)
69-0004	WESTWIND (U.S.)	Sept. 21-Oct. 2	Salinity Temperature Pressure	Bisset-Berman Model 9060 STD	[0.02C°/oo],0.1°/oo 0.05C°,0.05C° @ .1,.25% full scale	1 3 3	Smith Sound, Melville Bay	Plankton samples	MEDS #31WE81600 Muench (1971b) Muench and Tidmarsh (1969)
69-0005	ICE CAMP (U.S.)	May 7-20	Temperature Salinity Currents	Reversing thermometer ? Braincon 381	[0.02C°],0.03C° ?,0.02°/oo 3%, ±20°	3	Kane Basin	Biological samples, plankton hauls	MEDS #31--15060 Muench (1971c) Tidmarsh et al. (1969)

TABLE 1: SUMMARY LISTING OF DATA SETS (Cont'd)

Data Set I.D.	Ship or collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
69-0006	SOUTHWIND (U.S.)	Aug. 14-28	Temperature Salinity	Reversing thermometer Salinometer	[0.02C°,0.03C°] [0.01°/oo,0.02°/oo]	3	Western Baffin Bay	Dissolved oxygen, grab samples, cores	MEDS #311S15290 Moynihan (1971)
69-0007	WESTWIND (U.S.)	Oct. 4-11	Temperature Salinity	? ?		2	Baffin Bay, Smith Sound	pH, dissolved oxygen	MEDS #31WE15640
69-0008	SOUTHWIND (U.S.)	Sept. 6-12	Temperature Salinity	Reversing thermometer Salinometer	[0.02C°,0.03C°] [0.01°/oo,0.02°/oo]	3	Baffin Bay, Kane Basin	Dissolved oxygen	MEDS #311S15330 Moynihan (1972a)
69-0010	ARCTIC INSTITUTE OF NORTH AMERICA	May	Temperature Salinity	? ?		2	Jones Sound	Nitrate, phosphate, silicate	Apollonio (1973)
69-0011	DANISH RESEARCH VESSEL	June 16	Temperature Salinity	? ?		2	Southern Baffin Bay	Chemical, biological	MEDS #26RG00790 Conseil Perm. ICES Data List (1971)
69-0012	A.T. CAMERON (CANADA)	Sept. 22-Oct. 2	Temperature Salinity	? ?		2	Disko Bay		MEDS #180569007
69-0013	WESTWIND (U.S.)	July 28-30	Temperature Salinity	Reversing thermometer Salinometer	[0.02C°,0.03C°] [0.01°/oo,0.02°/oo]	3	Smith Sound		MEDS #31WE16420 Moynihan (1972a)
70-0002	HUDSON (CANADA)	Sept. 28-Oct. 9	Temperature Salinity	Reversing thermometer Salinometer?	?/±0.01C°? ?/±0.02°/oo?	3	Baffin Bay		NODC #50833 MEDS #181069050 Conseil Perm. ICES Data List (1972)
70-0006A	WESTWIND (U.S.)	July 24-Aug. 6	Temperature Salinity	Reversing thermometer ?	[0.02C°,0.03C°]	3	Smith Sound, Kane Basin, Kennedy Channel		MEDS #31WE16800 Muench (1972)
70-0006B	WESTWIND (U.S.)	July 24-Aug. 6	Conductivity Temperature Pressure	Bisset-Berman Model 9060 STD	±0.02°/oo,±0.05°/oo ±0.05C°,±0.05C°	3	Baffin Bay, Smith Sound, Nares Strait		MEDS #31WE81800 Muench (1972)
70-0011	SOUTHWIND (U.S.)	Oct. 19-25	Temperature Salinity	? ?		2	Baffin Bay		MEDS #311S17100 NODC #51710

TABLE 1: SUMMARY LISTING OF DATA SETS (Cont'd)

Data Set I.D.	Ship or collecting agency	Dates of measure-ments	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
70-0012	?	July 1-Aug. 31	Water level	?		2	Home Bay		MEDS #700001
70-0013	WESTWIND (U.S.)	Sept. 3-9	Conductivity Temperature Pressure	Bisset-Berman Model 9060 STD	?	3	Smith Sound	Phosphate, nitrate, nitrite, silicate	MEDS #31WE17050 Moynihan (1972b)
70-0015	WESTWIND (U.S.)	Aug. 16-24	Conductivity Temperature Pressure	Bisset-Berman Model 9060 STD	?	3	Nares Strait	Phosphate, nitrate, nitrite, silicate	MEDS 31WE81840 Moynihan (1972b)
71-0010	LOUIS S. ST. LAURENT (CANADA)	Sept. 2	Temperature Salinity	Reversing thermometer BT Bisset-Berman Salinometer	0.01C°,0.01C° [0.2C°,0.2C°] 0.003°/oo,[0.02°/oo]	3	Makinson Inlet (Smith Sound)	Dissolved oxygen	MEDS #180771002 Sadler (1972c) Sadler (1973)
71-0011	DANA (DENMARK)	July 22-30	Temperature Salinity	? ?		2	Disko Island	Chemical	MEDS #26DA00800 Conseil Perm. ICES Data List (1974)
71-0012	ICE CAMP (DEF. RES. EST. OTTAWA)	Apr. 25 June 7	Temperature Salinity Current Water level	Reversing thermometer, BT Salinometer Braincon meters Ott	 @<2% ?	3 3 2	Robeson Channel		MEDS #180271013,Chow(1975a) Finlayson(1973),Godin(1979) Sadler (1976b), Herlinveaux (1979)
71-0013	LOUIS S. ST. LAURENT (DEF. RES. EST. OTTAWA)	Aug. 18-29	Temperature Salinity	Reversing thermometer BT Salinometer	[0.01C°],0.02C° [0.2C°,0.2C°] 0.005°o/oo,0.02°/oo	3	Nares Strait	Dissolved oxygen	MEDS #180271014 Herlinveaux & Sadler (1973) Sadler (1976b)
72-0013		Mar. 1-June 30	Water level	?		2	Clyde Inlet		MEDS #720001
72-0018	FIXED STATIONS (DEF. RES. EST. OTTAWA)	Apr. 24-June 4	Water level Temperature Salinity Current	? Reversing thermometer ? Braincon	 [0.02C°,0.03C°] speed accuracy +6-10 cm/s, direction 8 to 30°	2 2 2 3	Robeson Channel		MEDS #182772001 Sadler (1976b)

TABLE 1: SUMMARY LISTING OF DATA SETS (Cont'd)

Data Set I.D.	Ship or collecting agency	Dates of measure-ments	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
72-0020	LOUIS S. ST. LAURENT (CANADA)	Feb. 12-14	Temperature Salinity	STD	[0.02C°],0.02C° ?,0.05°/oo	3	Baffin Bay	Biological samples, chemical?	MEDS #182372001 Muench & Sadler (1973) Sater (1972)
72-0021	QUEST (CANADA)	Sept. 1-5	Temperature Salinity	? ?		2	Baffin Bay	Dissolved oxygen	NODC #51060
72-0022	LITTLEPAGE & ELLIS	July 29-Aug. 4	Temperature Salinity	?		2	Marmorilik Fjord	Light transmission, particle size, dissolved oxygen	Danish Hydr. Inst. (1979b)
73-0015	?	?	?			2	Marmorilik Fjord	Chemical	see 72-0022, Appendix 1
74-0013	HUDSON (CANADA)	Aug. 6	Conductivity Temperature Pressure	STD	?	2	Smith Sound	Oil tows, bottom grab and cores, geophysics, plankton tows	Bedford Institute of Oceanography (1974)
74-0016	?	?	?			2	Marmorilik Fjord	Chemical	see 72-0022, Appendix 1
75-0034	FIXED STATIONS (ICE RES. GROUP, D.R.E.O.)	May 10-20	Temperature Salinity Current	Reversing thermometer Salinometer Marsh-McBirney	0.02C°,0.03C° ?,0.01°/oo ?	3	Robeson Channel		MEDS #182775001 Godin (1979) Chow and Finlayson (1980)
75-0034B	FIXED STATION (ICE RES. GROUP, D.R.E.O.)	Apr. 1-July 31	Water level	Ott gauges	?	2	Robeson Channel		MEDS #750004 Chow & Finlayson (1980)
75-0035	?	Jan. 1-Feb. 28	Water level	?		2	Clyde Inlet		MEDS #750005
75-0036	B.C. RESEARCH?	Sept.6-8	Temperature Salinity	?		2	Marmorilik Fjord	Dissolved oxygen, pH, metals, biology	Gron. Geo. Und. (1976)

TABLE 1: SUMMARY LISTING OF DATA SETS (Cont'd)

Data Set I.D.	Ship or collecting agency	Dates of measure-ments	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
75-0037	GREENLAND TECH. ORG. (DENMARK)	July-Nov.	Temperature Salinity Water level Current	Aanderaa current meter Ott Aanderaa	? ? ?	3	Davis Strait		Dan. Hydr. Inst. (1979a)
75-0038	?	June 26	Temperature Salinity	? ?		2	Home Bay		
75-0041	NORTH WATER PROJECT	Apr. 10-May 19	Temperature	Thermistor strings	?	2	Kane Basin	Wind, ice parameters and movement	Ito (1981)
76-0011	HUDSON (CANADA)	Aug. 11	Salinity?	Knudsen cast	?	2	Scott Inlet	Oil sick sample	Bedford Institute of Oceanography (1976)
76-0023	NORTHWIND (U.S.) (UNIV. OF WASHINGTON)	Feb. 22-Mar. 19	Conductivity Temperature Pressure	CTD	?	2	Davis Strait		Garrison (1977)
76-0024	GREENLAND TECH. ORG. (DENMARK)	June-Oct.	Temperature Salinity Current Water level	Aanderaa current meter Aanderaa CM Ott	? ? ? ?	3	Davis Strait		Dan. Hydr. Inst. (1979a)
76-0025	G.G.U. (DENMARK), B.C. RESEARCH	Mar. 27-29 Sept. 5	Temperature Salinity	?		2	Marmorilik Fjord	pH	Gron. Geol. Und (1976) Bohn (1976)
76-0027	NORTH WATER PROJECT	Apr. 9-June 1	Temperature Current profiles	Thermistor strings Schiltknecht, Ott	? ?	2	Jones Sound	Wind, ice parameters and movement	Ito (1981)
77-0014	HUDSON (CANADA)	Aug. 31-Sept. 16	Conductivity Temperature Pressure	Guildline MK III CTD	[0.005°/oo,0.02°/oo] [0.005C°,0.01C°]	2	Baffin Bay, Smith Sound, Jones Sound	Oxygen, alkalinity, dissolved hydro-carbons,nitrate, phosphate, silicate, oxygen isotope ratios,mercury, magnetometer tows, gravity	Bedford Institute of Oceanography (1977)

TABLE 1: SUMMARY LISTING OF DATA SETS (Cont'd)

Data Set I.D.	Ship or collecting agency	Dates of measure-ments	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
77-0018	INSTITUTE OF OCEAN SCIENCES	July-Aug.	Surface drift	Polar Res. Labs.	±5 km accuracy	3	Baffin Bay		Fissel and Marko (1978)
77-0027	GREENLAND TECH. ORG. (DENMARK)	June-Sept.	Temperature Salinity Current Water level	Aanderaa current meter Aanderaa RCM-4 Ott	? ? ?	3	Davis Strait		Dan. Hydr. Inst. (1979a)
77-0028	WESTWIND, ICE CAMP (U.S.)	July 17-19	Temperature Salinity	Reversing thermometer BT Bottom sensor Salinometer	0.01C°,0.1C° [0.2C°,0.2C°] ? 0.001°/oo,[0.02°/oo]	3	Smith Sound	Magnetic survey, bottom cores/grabs, bottom photo-graphy, acoustic measurements	Tooma (1978a,1978b)
77-0029	STELTNER DEV. & MFG. (CANADA)	Mar. 21-July 29	Temperature Salinity	Reversing thermometer BT ?	[0.02C°,0.03C°] [0.2C°,0.2C°]	2	Pond Inlet	Snow, ice data, plankton, benthos	Steltner (1977)
77-0030	GREENLAND GEOL. UND. (DENMARK)	Mar.26-27 Sept. 2-4	Temperature Salinity	? ?		2	Marmorilik Fjord	pH, dissolved oxygen, metal concentrations	Gron. Geol. Und. (1977) Gron. Geol. Und. (1978)
77-0031	ADOLF JENSEN (DENMARK)	Apr. 30-Sept. 4	Temperature Salinitiy	? ?		2	Baffin Bay, Melville Bay	Hydrocarbons, plankton, microorganisms, birds, mammals	MEDS #977001 Petersen (1978)
78-0005A	THERON (PETRO-CANADA)	July 28-Sept. 23	Temperature Salinity	Guildline Model 8706 CTD	+ 0.005C° ±.005°/oo,±0.02°/oo	3	Lancaster Sound	Iceberg tracking	Lemon (1980)
78-0005B	THERON (PETRO-CANADA)	Sept.19-20	Current	Aanderaa RCM 4	±1 cm or 2% of speed, ±10-20°	3	Lancaster Sound		Fissel (1980a)
78-0005C	THERON (PETRO-CANADA)	Aug.-Sept.	Current drift	Drogued drifters	±2 km	3	Lancaster Sound		Fissel (1980b)
78-0005D	THERON (PETRO-CANADA)	July 28-Sept. 20	Current profile	Endeco 110	±30° ±12 cm/s accuracy	3	Lancaster Sound		Fissel & Birch (1980)

TABLE 1: SUMMARY LISTING OF DATA SETS (Cont'd)

Data Set I.D.	Ship or collecting agency	Dates of measure-ments	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
78-0020	HUDSON (CANADA) (BEDFORD INST. OF OCEANOGRAPHY)	Sept. 2-14	Conductivity Temperature Pressure	Guildline CTD	[.005°/oo,.02°/oo] [.005C°,0.2C°] ?	2	Baffin Bay	Chemical, biological, geophysical, chlorophyll a, carbon, nitrogen, NO_3, PO_4, NH_4, $SI(OH)_4$, solar radiation	BIO Cruise Report No.78-026 Harrison et al. (1982)
78-0023	GREENLAND TECH. ORG. (DENMARK)	Aug. 8-Sept. 9	Temperature Salinity Current Water level	Reversing thermometer Salinometer? Aanderaa Ott, Aanderaa TG-2A	[0.02C°,0.03C°] [0.01°/oo,0.02°/oo] [2% speed, ±20°]	3	Davis Strait		Dan. Hydr. Inst. (1979)
78-0024	THERON (PETRO-CANADA)	Sept. 1978-July 1979	Current	Aanderaa RCM 4	±1 cm/s or 2% of speed, @ ±10-20°	4	Baffin Bay		Fissel and Wilton (1980)
78-0025	?	Feb. 7-10, June 27-Oct. 16	Temperature Salinity Conductivity Currents	Interocean CTD ?	?	1 2	Marmorilik	pH, dissolved oxygen	Gron. Geol. Und. (1978) Gron. Geol. Und. (1980) Dan. Hydr. Inst. (1979b) Lewis and Perkin (1982)
79-0011A	THERON (PETRO-CANADA)	July 17-Sept. 23	Temperature Salinity	Guildline model 8706 CTD	±0.05C° ±0.02 to ±0.04°/oo accuracy	3	Northwestern Baffin Bay	Iceberg tracking	Lemon (1980)
79-0011B	THERON (PETRO-CANADA)	July 28-Sept. 22	Currents	Aanderaa RCM 4	±20°, 2% speed	4	Northwestern Baffin Bay		Fissel (1980a)
79-0011C	THERON (PETRO-CANADA)	Aug.-Sept.	Current drift	Hermes drifters	±1.2 km	3	Northwestern Baffin Bay		Fissel (1980b)
79-0011D	THERON (PETRO-CANADA)	Sept.	Current profiles	Endeco 110	+30°, ±12 cm/s accuracy	3	Northwestern Baffin Bay		Fissel and Birch (1980)
79-0015	ZODIACS (PETRO-CANADA)	Aug. 14-31	Temperature Pressure Surface drift	Applied Microsystems CTD 12 Oil spill followers	?, ±0.02C° ±3 m	3	Baffin Bay		Birch (1980)
79-0023	DENMARK	Mar. 20-21	Temperature Salinity Current	? ? ?		2	Marmorilik Fjord	Dissolved oxygen?	Dan. Hydr. Inst. (1980) Gron. Geol. Und. (1980) Lewis and Perkin (1982)

TABLE 1: SUMMARY LISTING OF DATA SETS (Cont'd)

Data Set I.D.	Ship or collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
80-0007	HUDSON (CANADA) (BEDFORD INST. OF OCEANOGRAPHY)	July 28-Aug. 26	Conductivity Temperature Pressure	Guildline 8770 CTD?	[.005°/oo],0.02°/oo [.005C°],0.02C°	2	Smith Sound, Nares Strait	Plankton, chlorophyll, nutrients	Bedford Institute of Oceanography (1980a)
80-0008A	POLAR HAV (PETRO-CANADA)	Aug. 5-Oct. 5	Conductivity Temperature Pressure Temperature Salinity	Applied Microsystems CTD Reversing thermometer Salinometer	Accuracies: ±0.02C°,±0.07°/oo ±0.02C° ±0.02°/oo	3	Baffin Bay		Fissel and Birch (1981)
80-0008B	POLAR HAV (PETRO-CANADA)	Aug. 5-Oct. 5	Subsurface currents	Aanderaa RCM 4	±10° accuracy	3/1	Baffin Bay		Fissel and Birch (1981)
80-0008C	POLAR HAV (PETRO-CANADA)	Aug. 5-Oct. 5	Surface drift	ARGOS/drogued drifters	±1.2 km accuracy	4	Baffin Bay		Fissel and Birch (1981)
80-0012A	B.I.O.S. (CANADA)	June 11-Sept. 13	Conductivity Temperature Pressure	AMS CTD 12	? ? ?	2	Eclipse Sound	Waves	
80-0012B	B.I.O.S. (CANADA)	June 11-Nov. 5	Subsurface currents Pressure Temperature Salinity Surface currents Water level	Aanderaa RCM 4 Radar-tracked drogues AMS TG-12	? ? ? ? ? ?	2	Eclipse Sound		Buckley and de Lange Boom (1981) de Lange Boom and Buckley (1981)
80-0017	HUDSON (CANADA) (BEDFORD INST. OF OCEANOGRAPHY)	Sept. 1-11	Conductivity Temperature Pressure	CTD	?	1	Baffin Bay	Hydrocarbons, nutrients, bottom cores, geophysics	B.I.O. Cruise Report No. 80-028
81-0019	CANADIAN HYDROGRAPHIC SERVICE	Mar. 4-Apr. 19	Water level				Jones Sound		MEDS #810001

TABLE 1: SUMMARY LISTING OF DATA SETS (Cont'd)

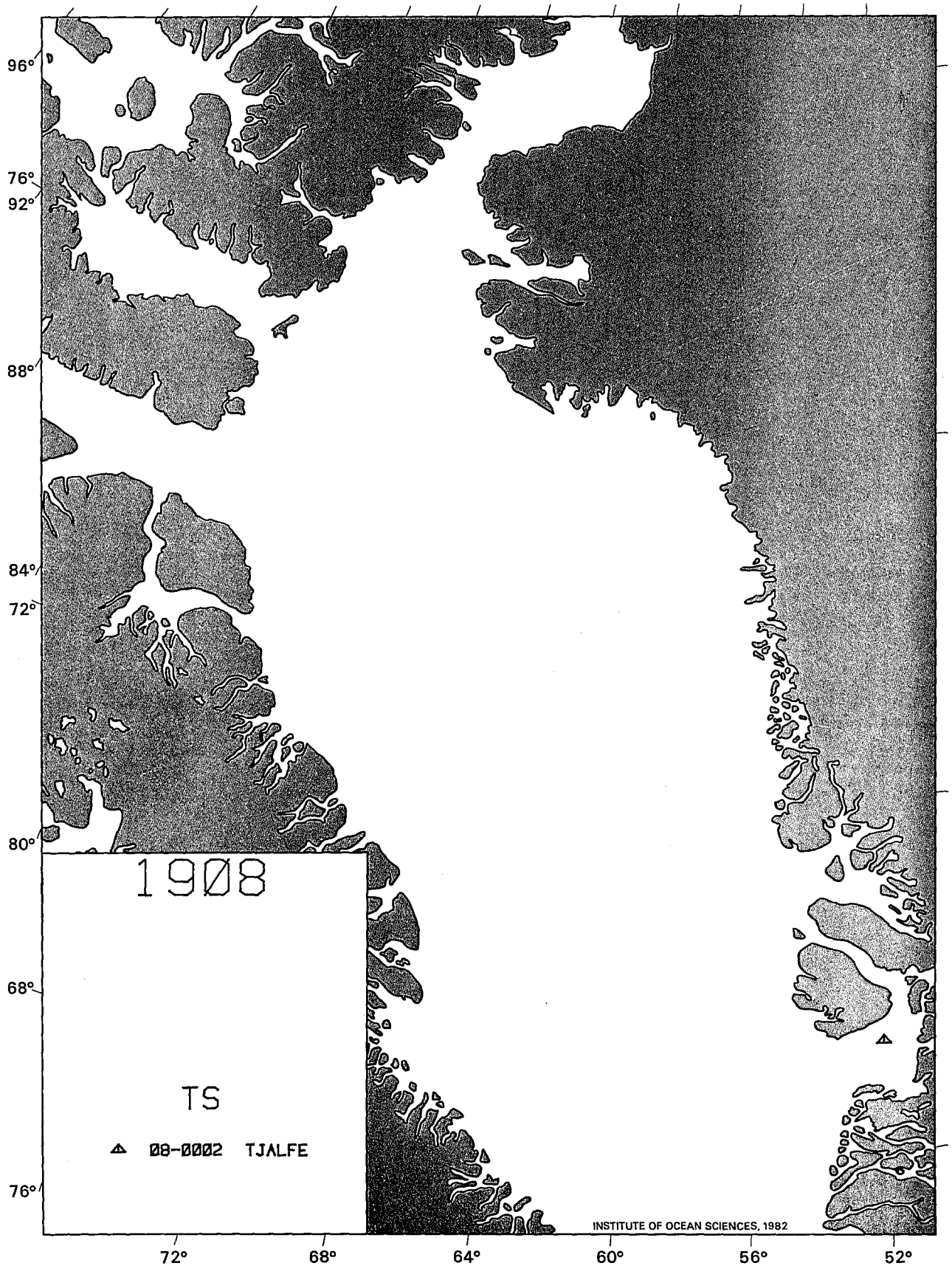
Data Set I.D.	Ship or collecting agency	Dates of measure-ments	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
81-0020A	B.I.O.S. (CANADA)	Aug. 6-29	Conductivity	AMS CTD 12	?	2	Eclipse Sound		
			Temperature		?				
			Pressure		?				
81-0020B	B.I.O.S. (CANADA)	Aug. 7-30	Subsurface currents	Aanderaa RCM 4	?	2	Eclipse Sound		
			Pressure		?				
			Temperature		?				
			Salinity		?				
			Water level	AMS TG-12	?				
			Temperature		?				

9. MAPS

This section contains maps showing the yearly distribution of temperature, salinity, current, water level, and surface drift measurements. Each year may have up to four maps, all in Lambert Conformal Conic projection (Figure 3). Temperature-salinity and water level data are plotted together if no current meter data existed in that year. If current meter data were collected in that year, then the first map(s) will show only temperature and salinity data, and a second map will show the current meter data, as well as any water level or drifter data. The areas of Lagrangian drifter data are indicated by hatching. The legend indicates the following data types:

CM - current meter data	TS - temperature-salinity data
DRF - drifter data	WL - water level data

The coastlines have been smoothed and small islands removed. Vessel/agencies in the legend are abbreviations. Note that cruise station symbols may be different on two different maps.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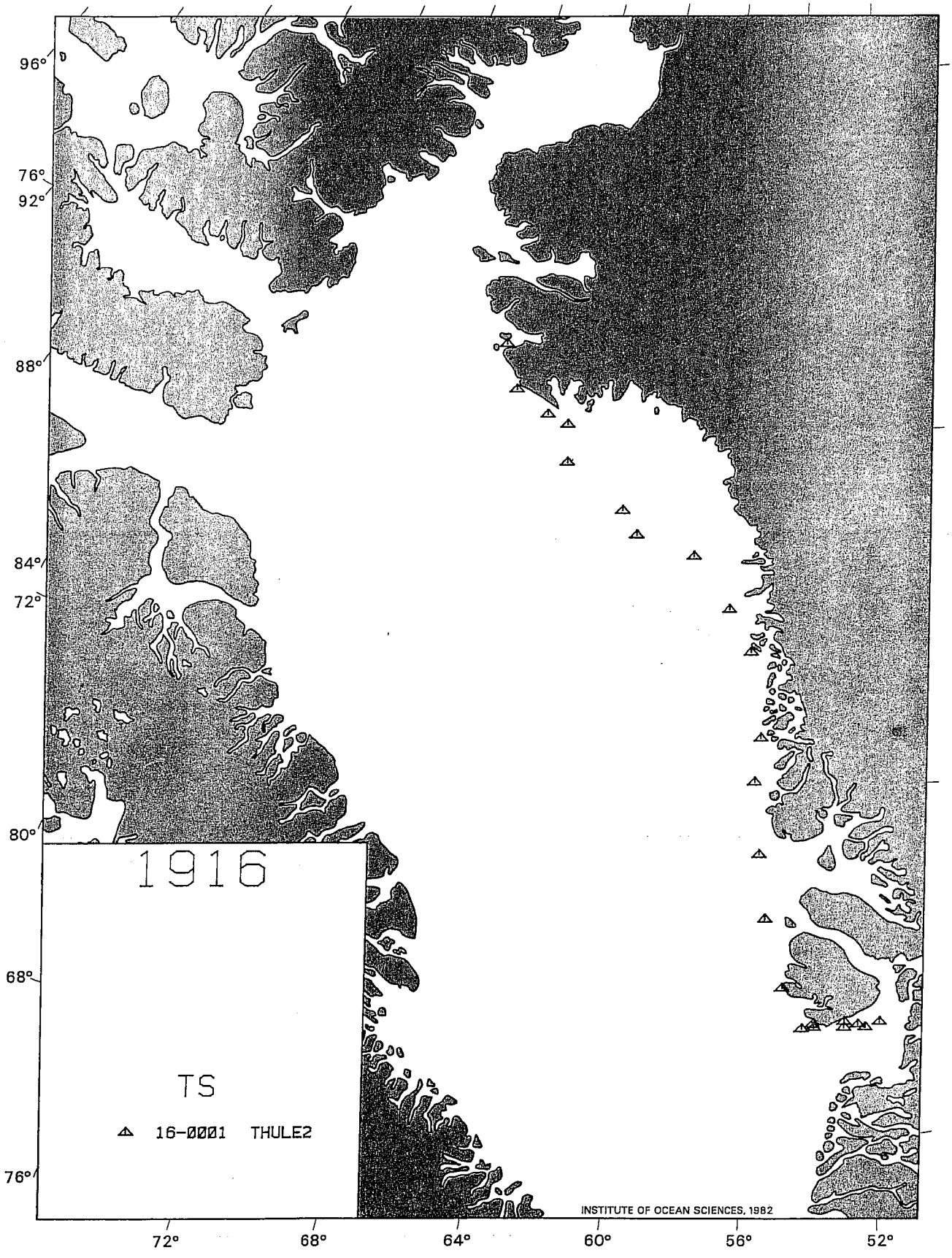
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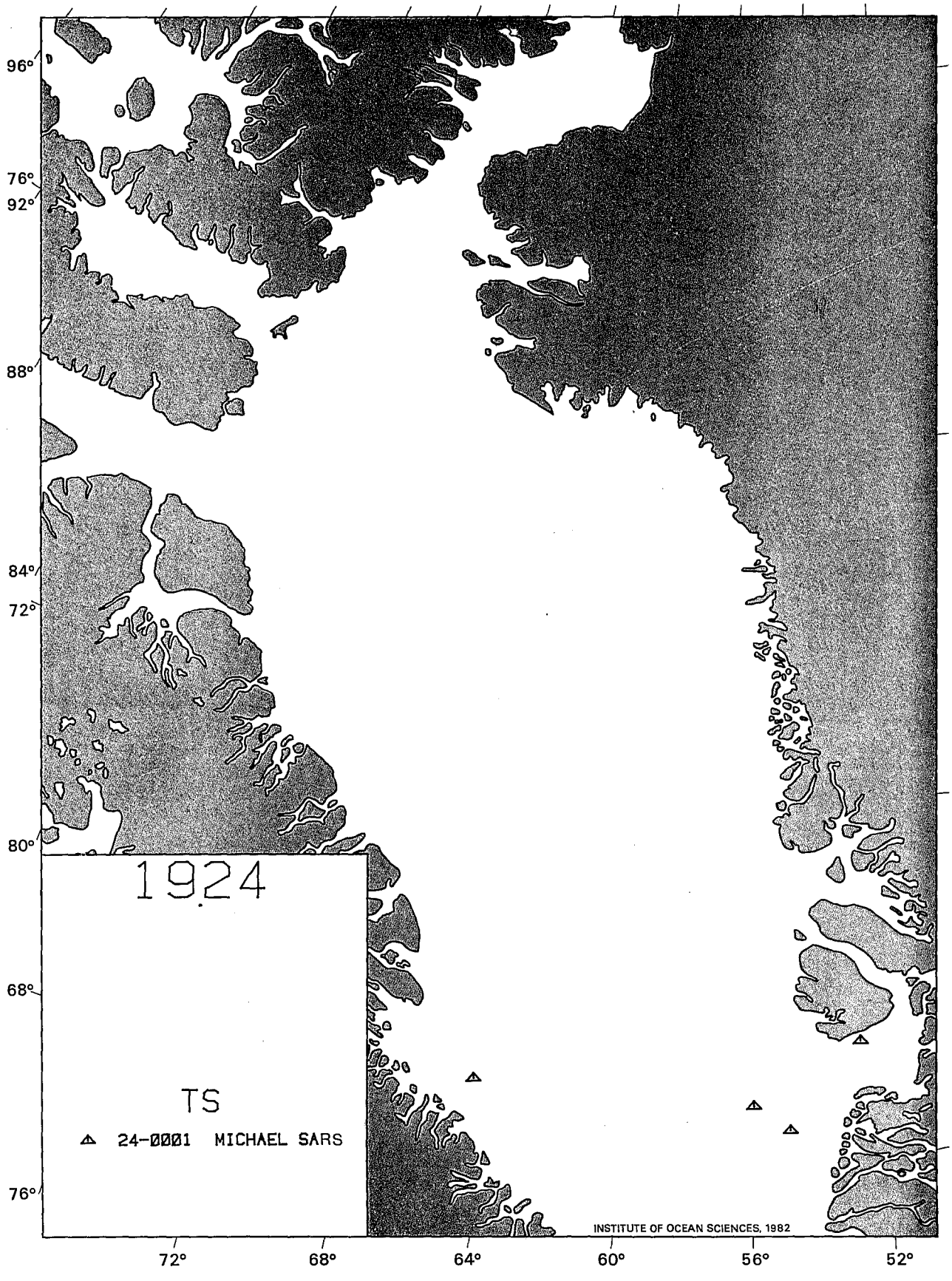
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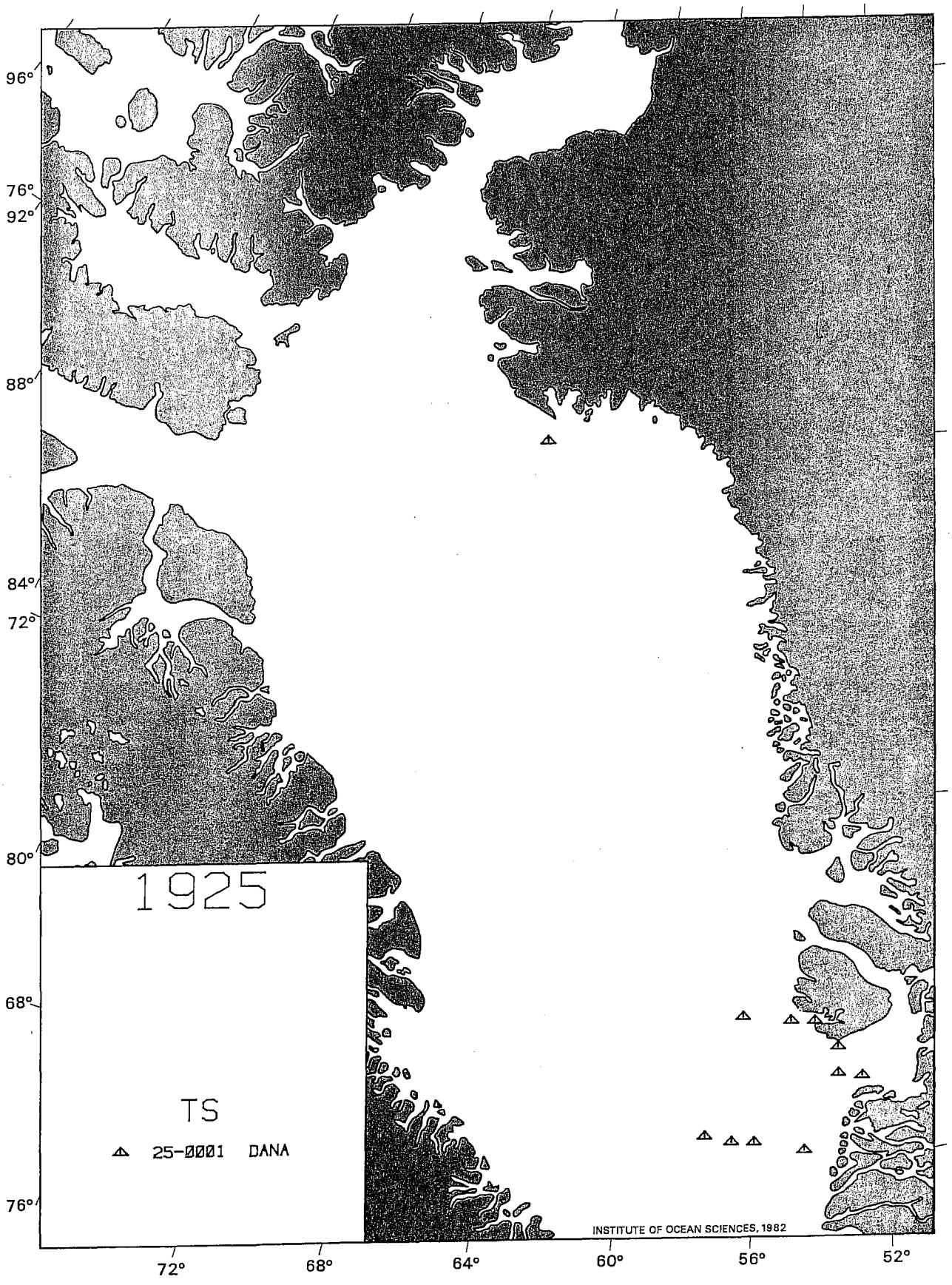
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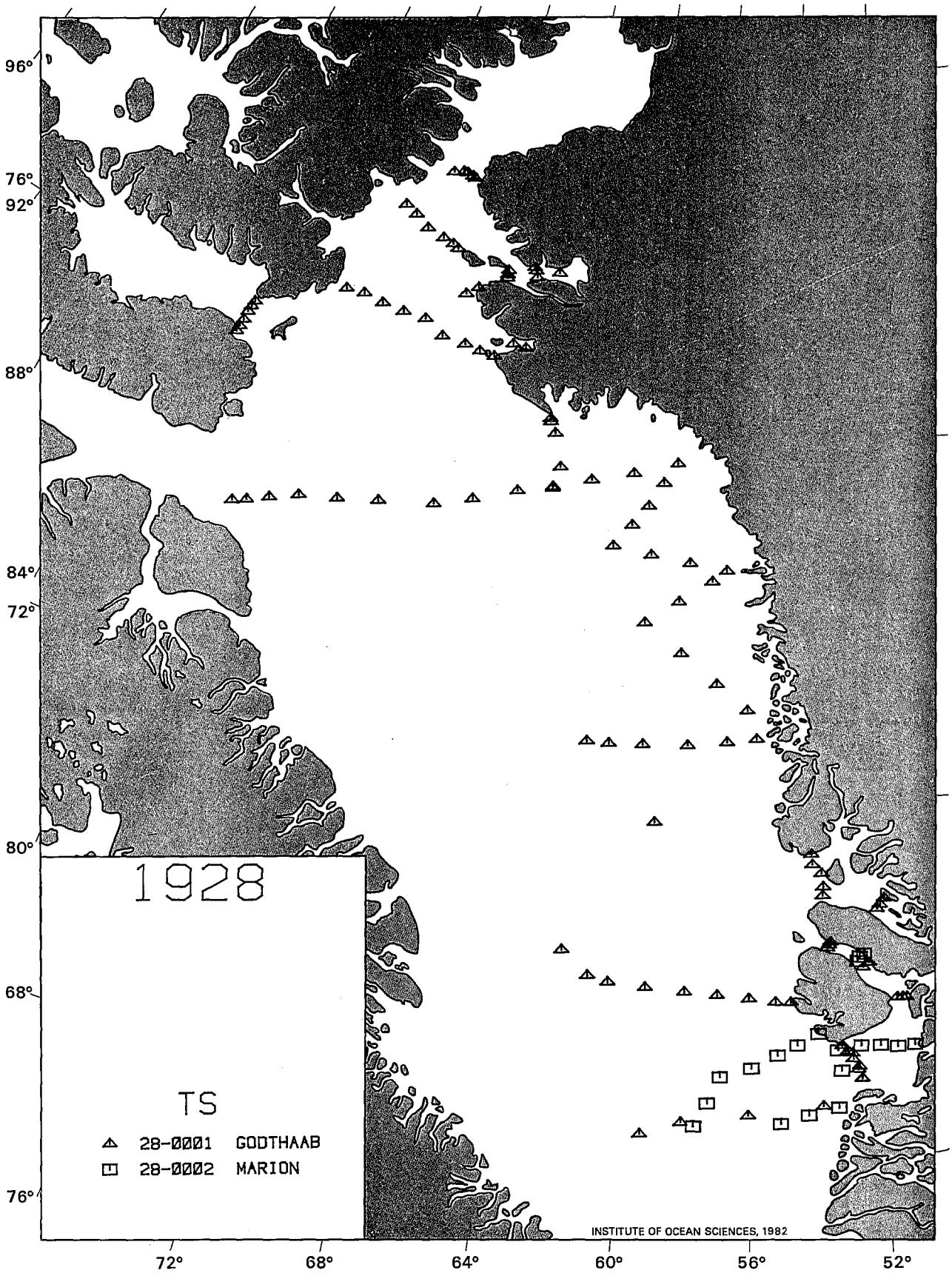
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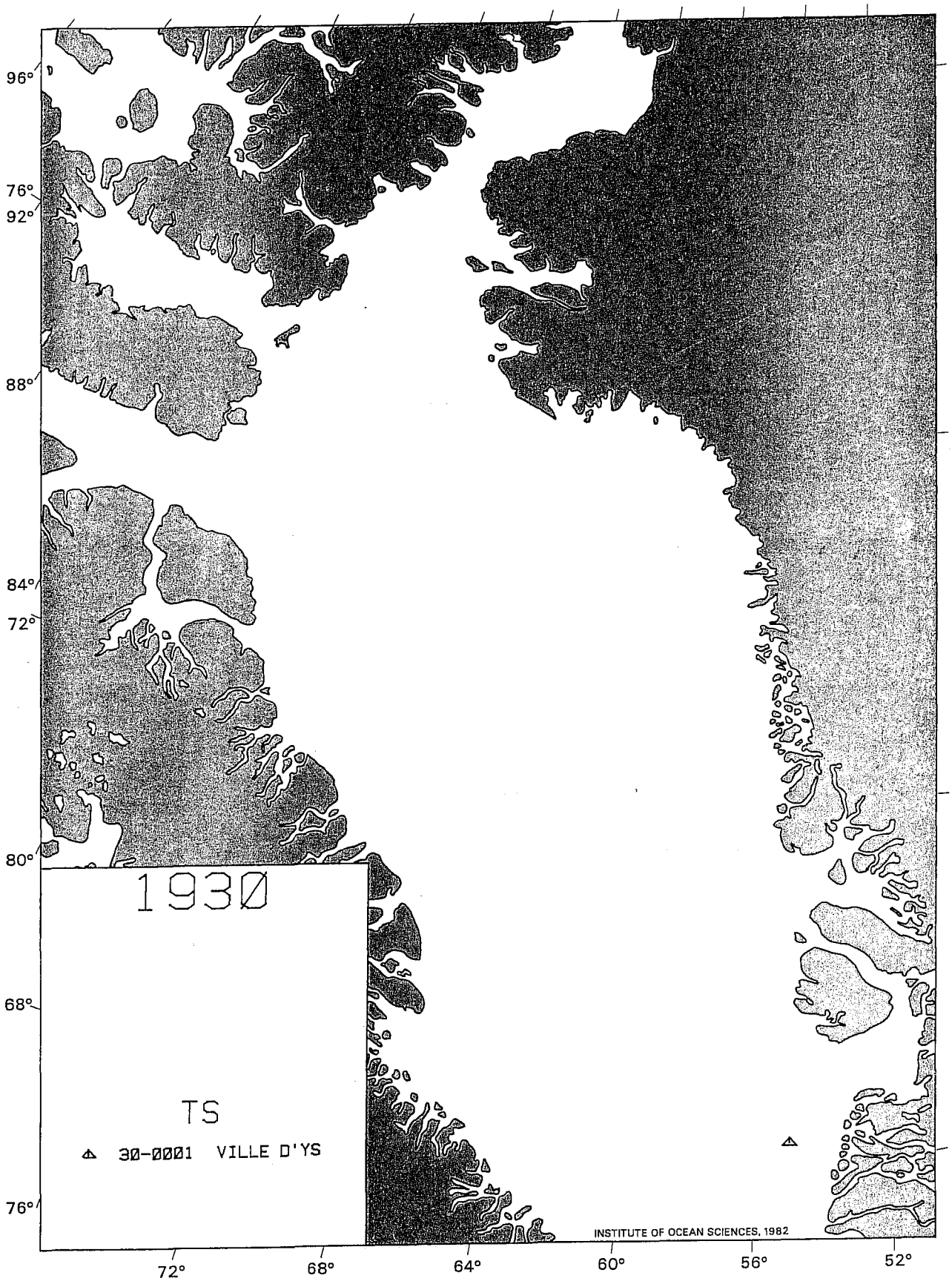
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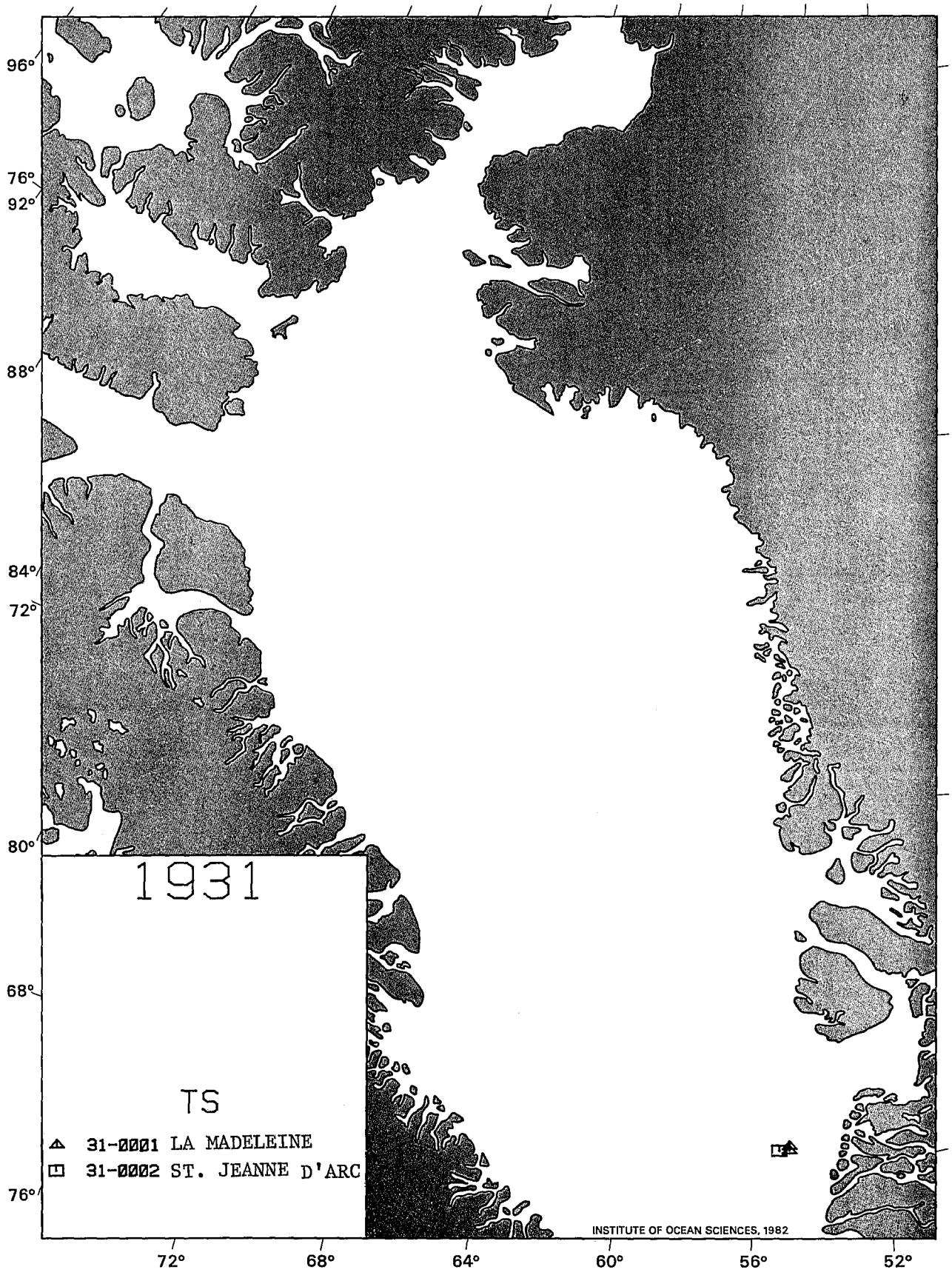
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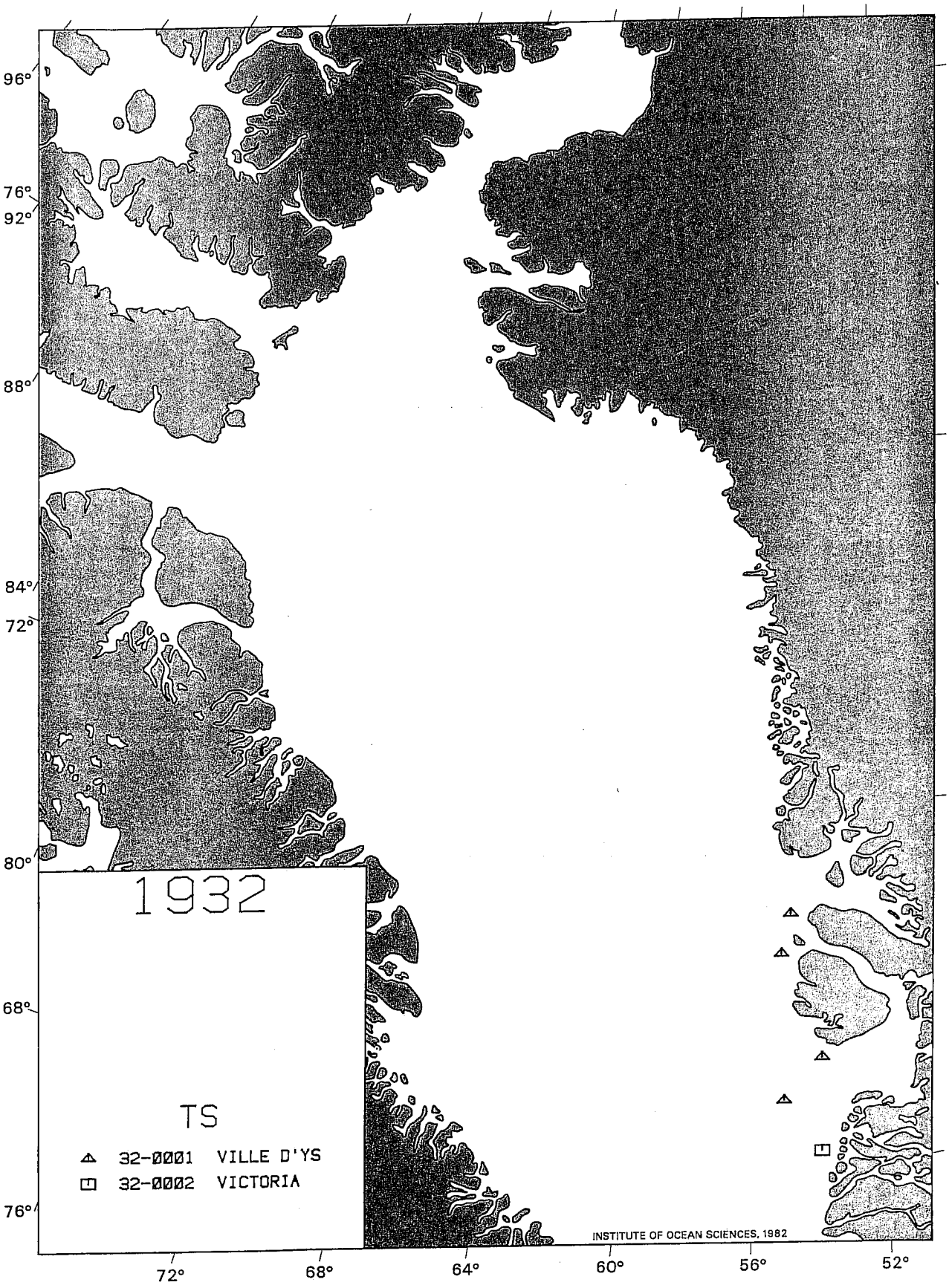
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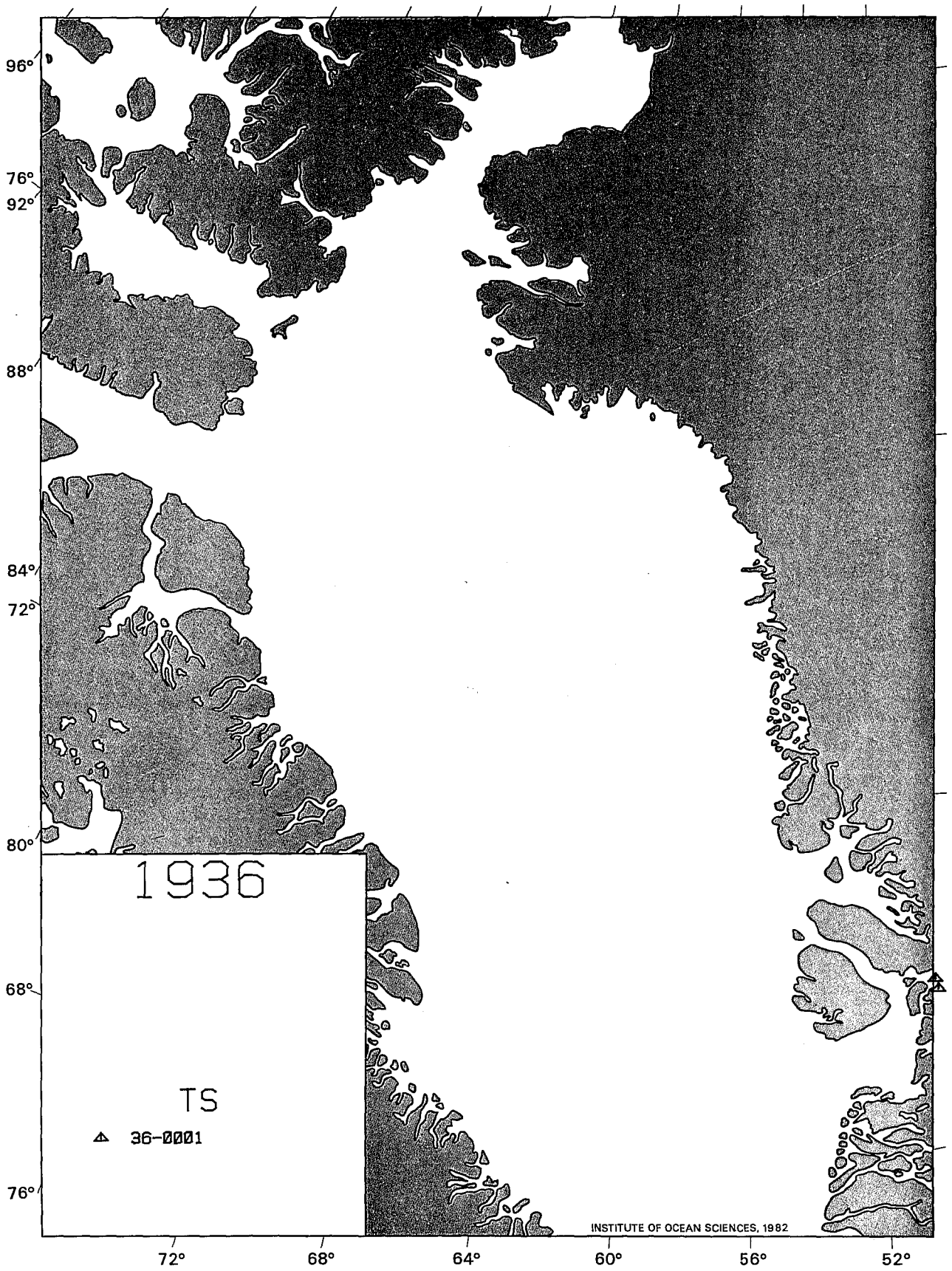
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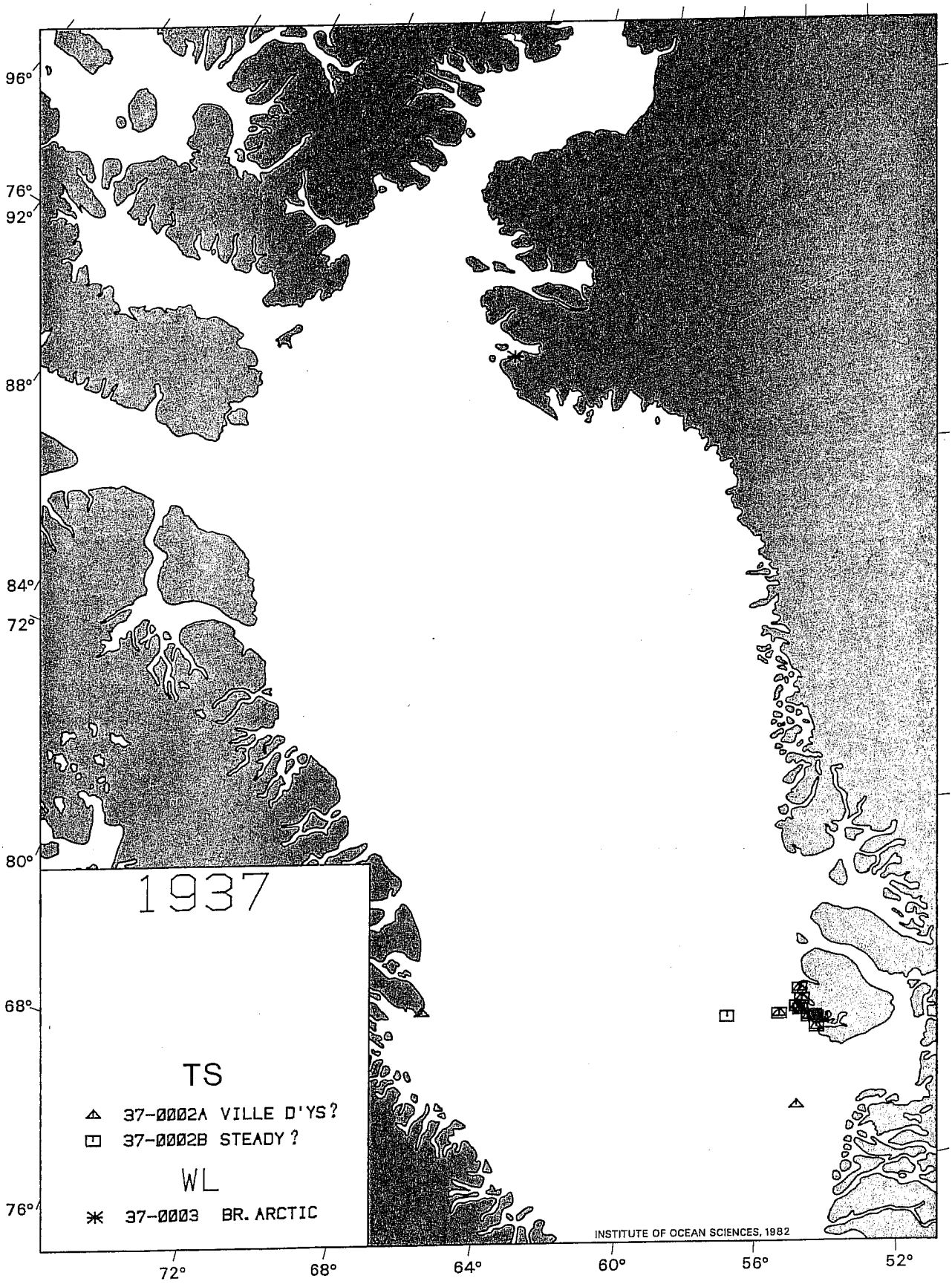
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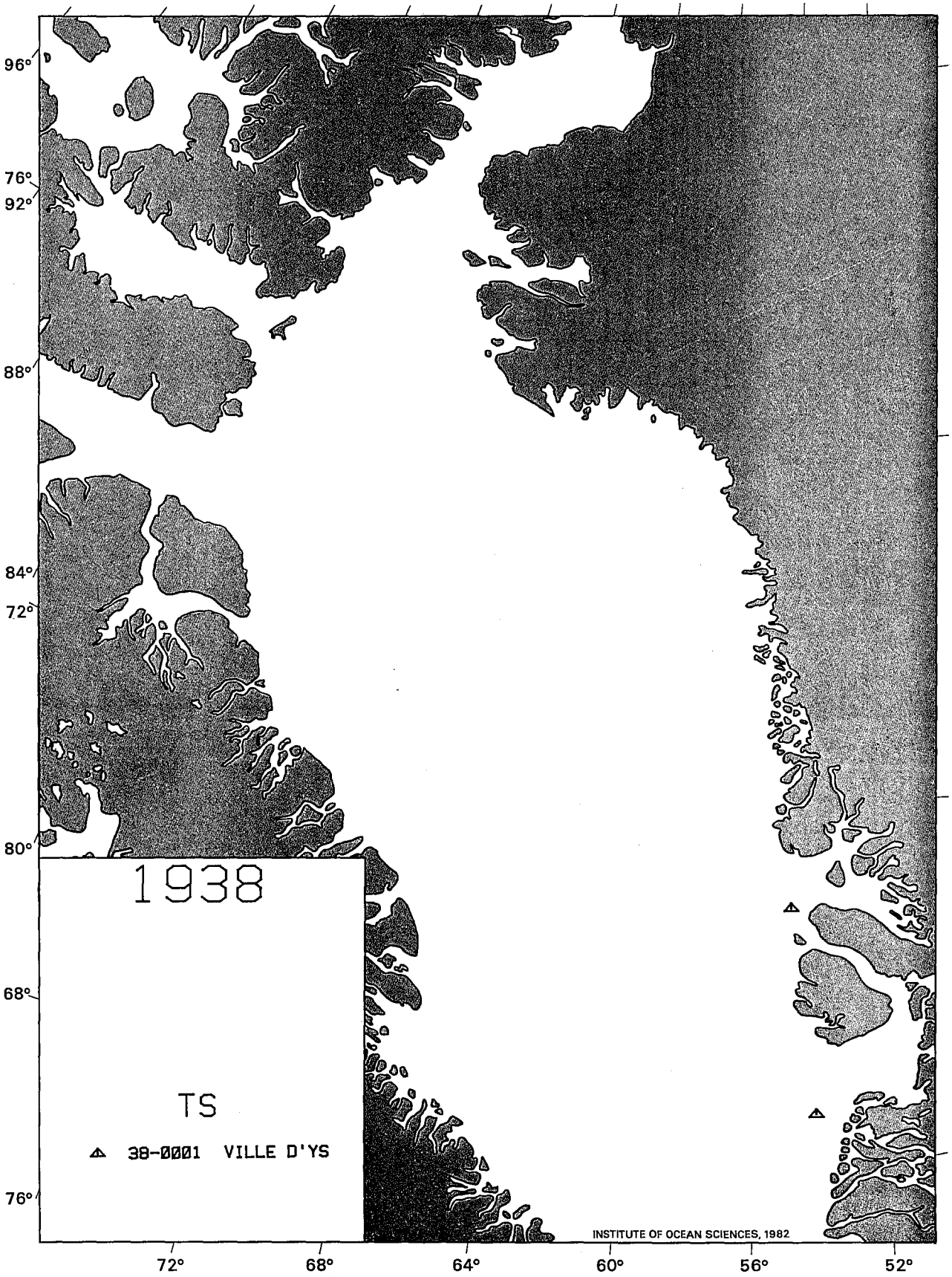
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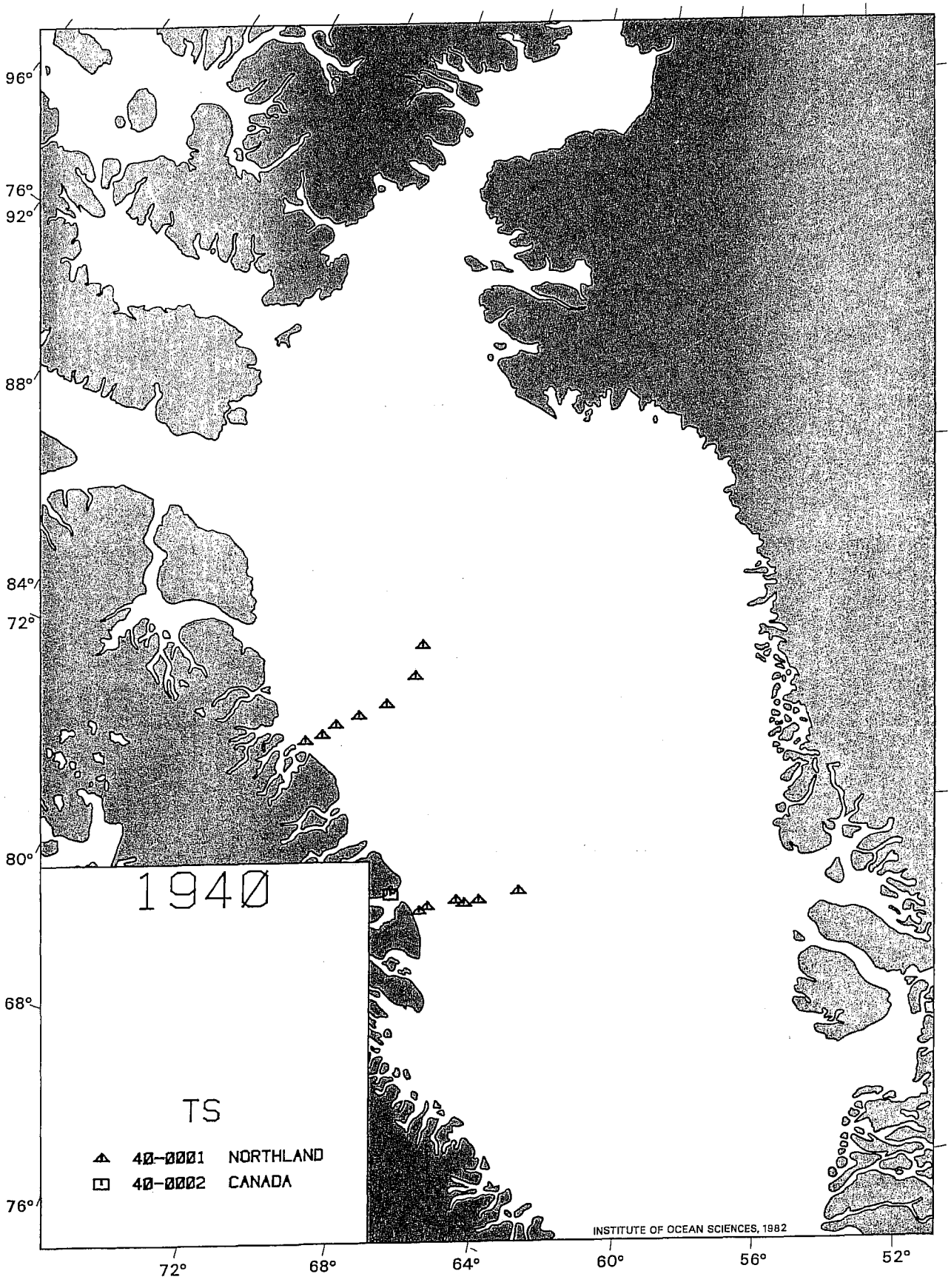
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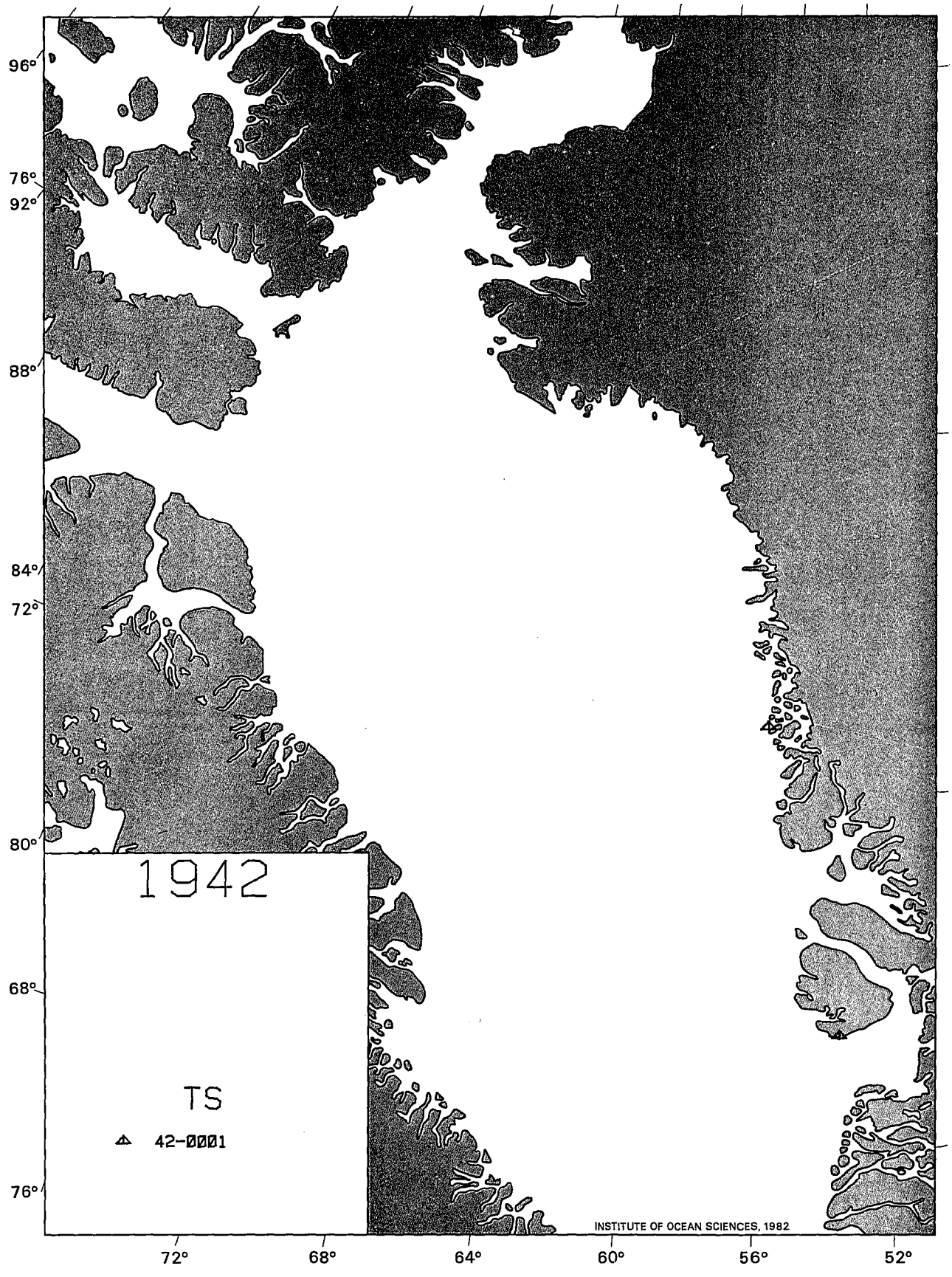
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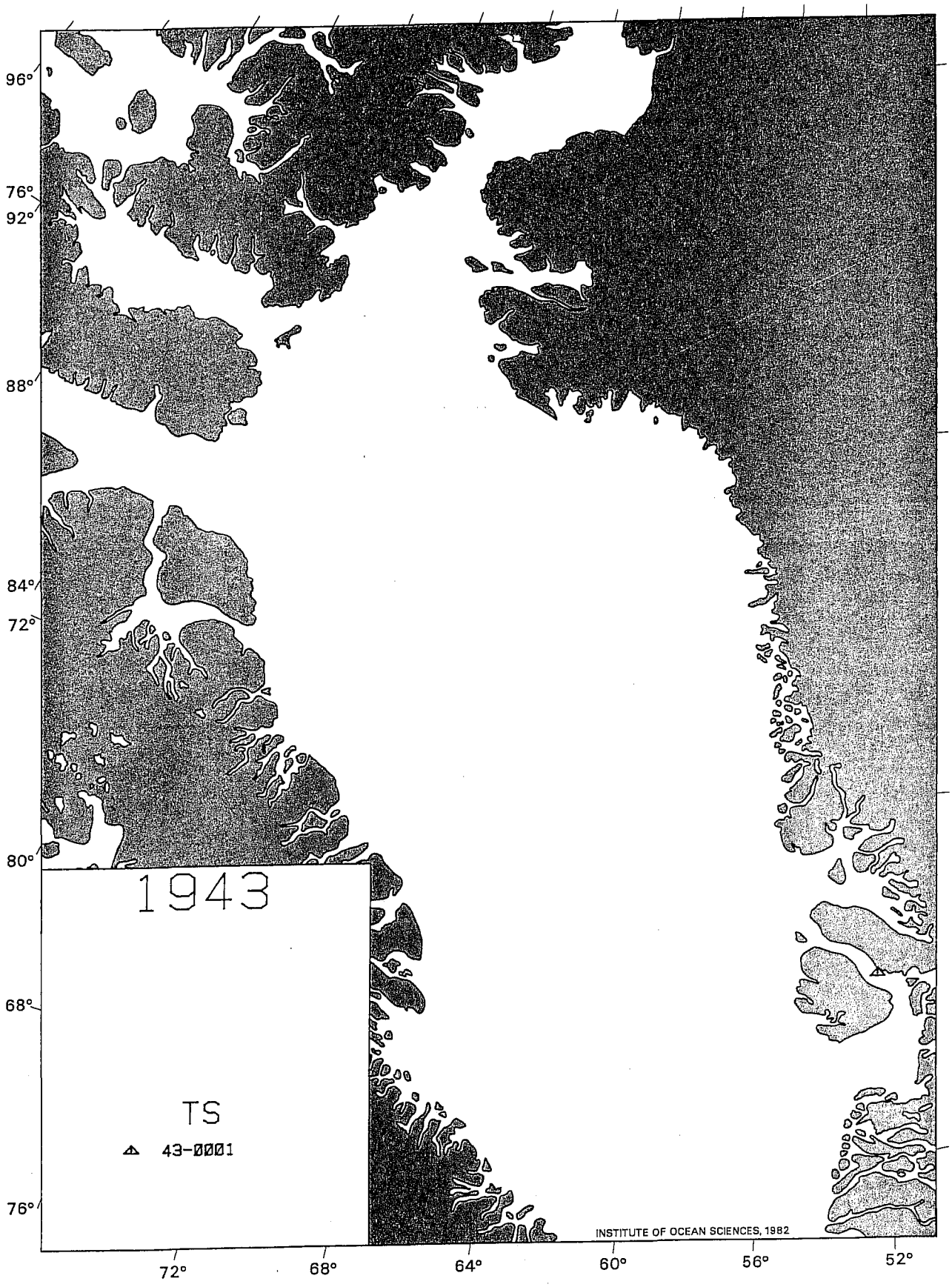
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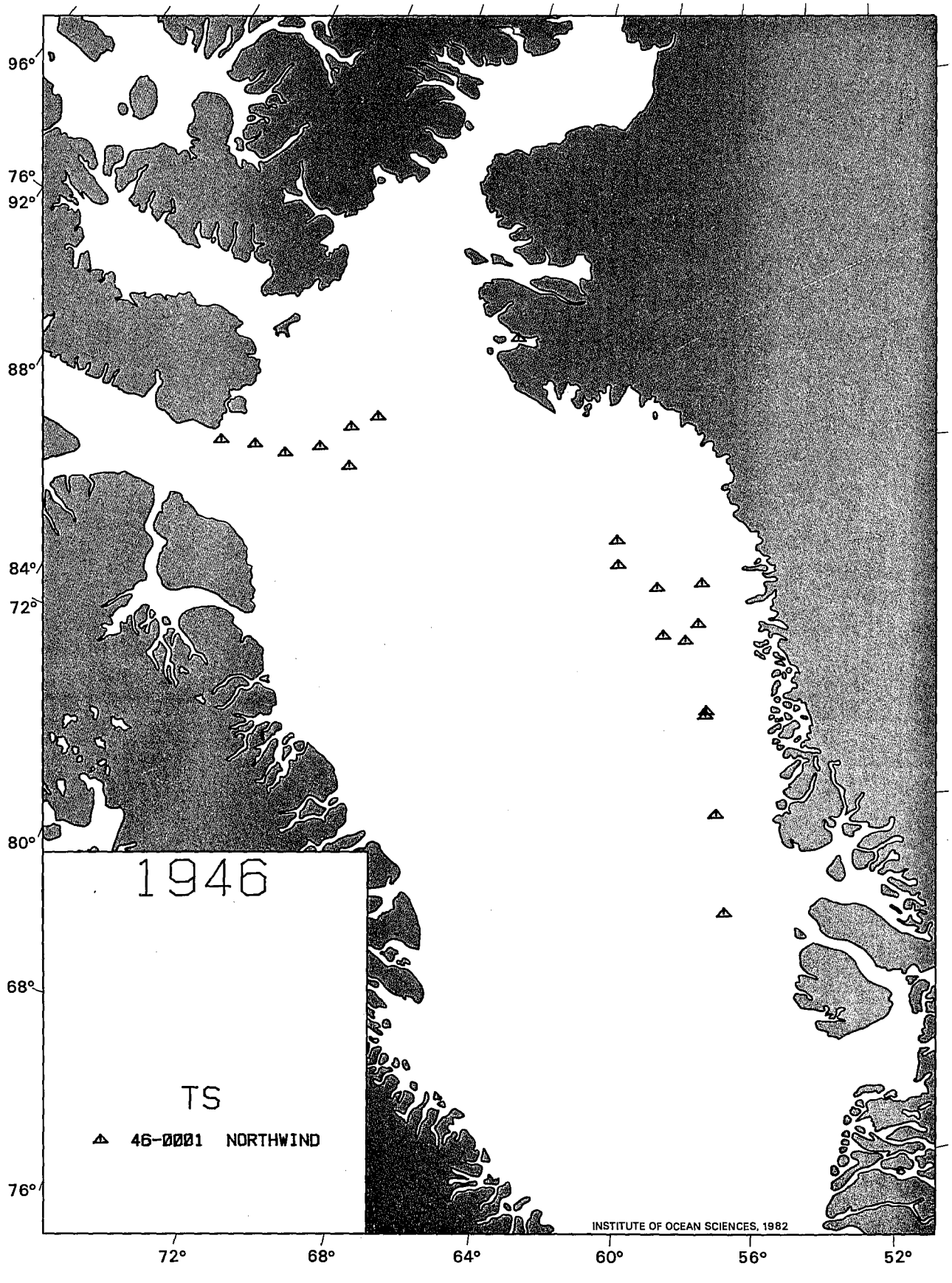
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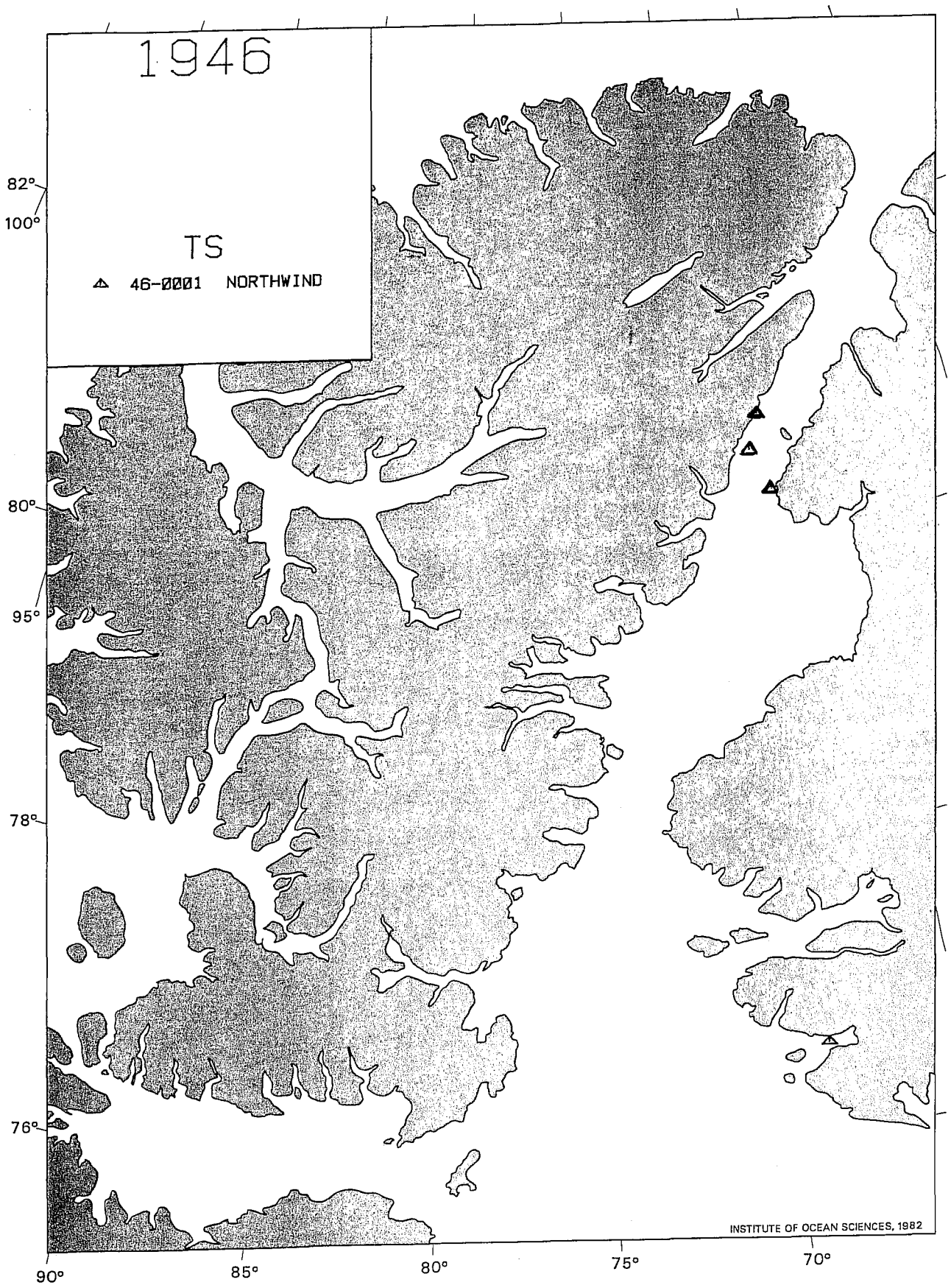
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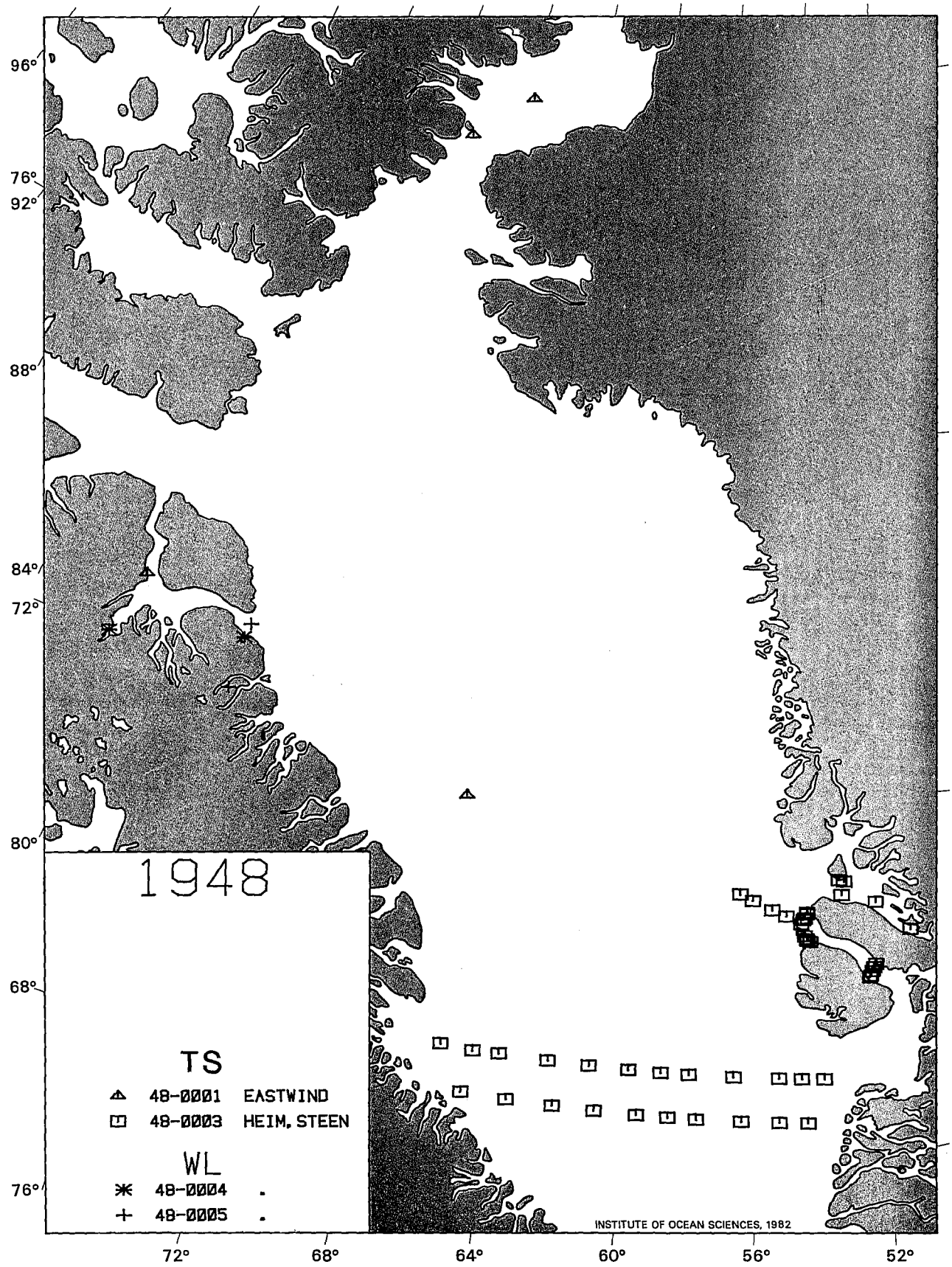
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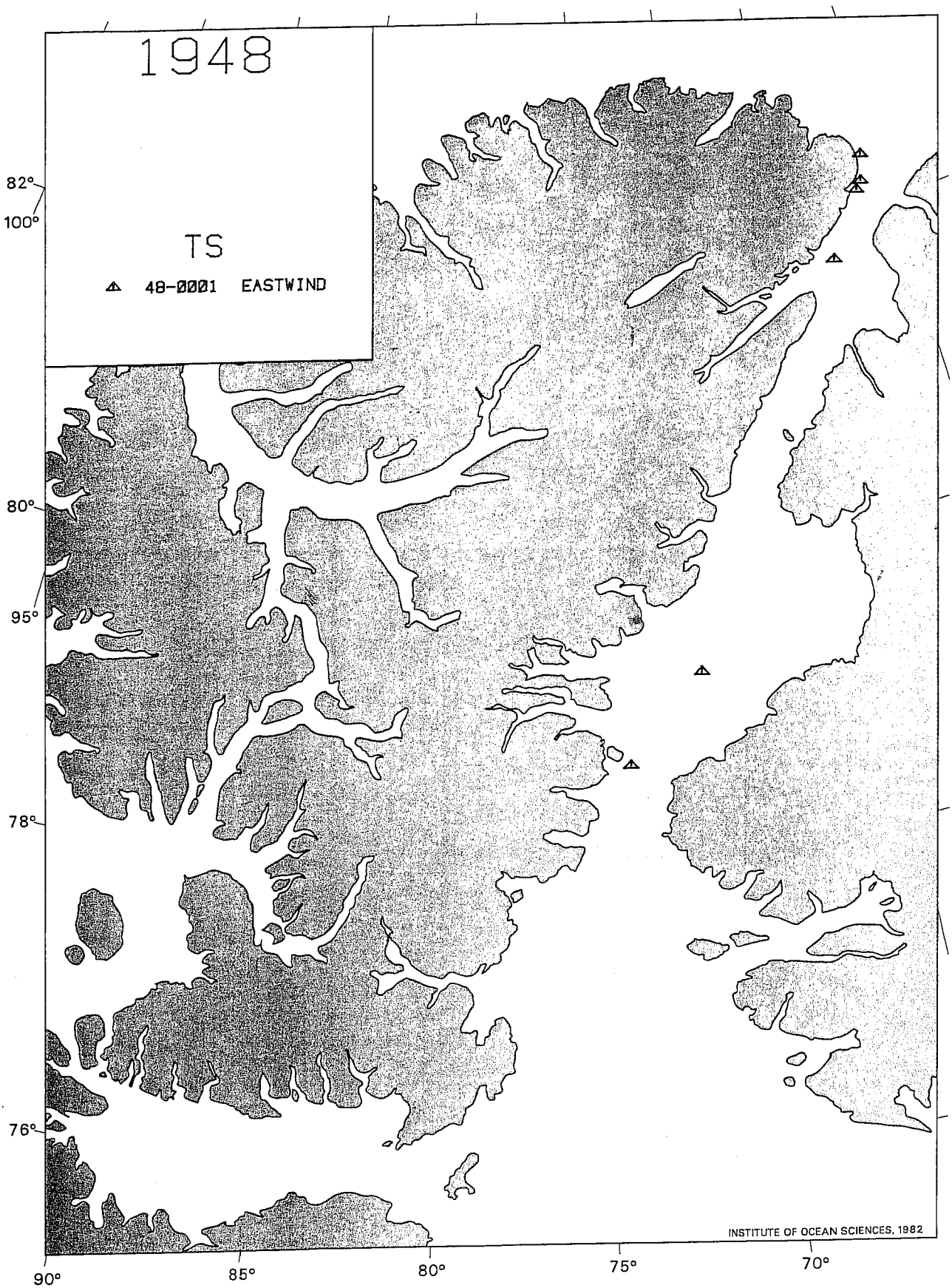
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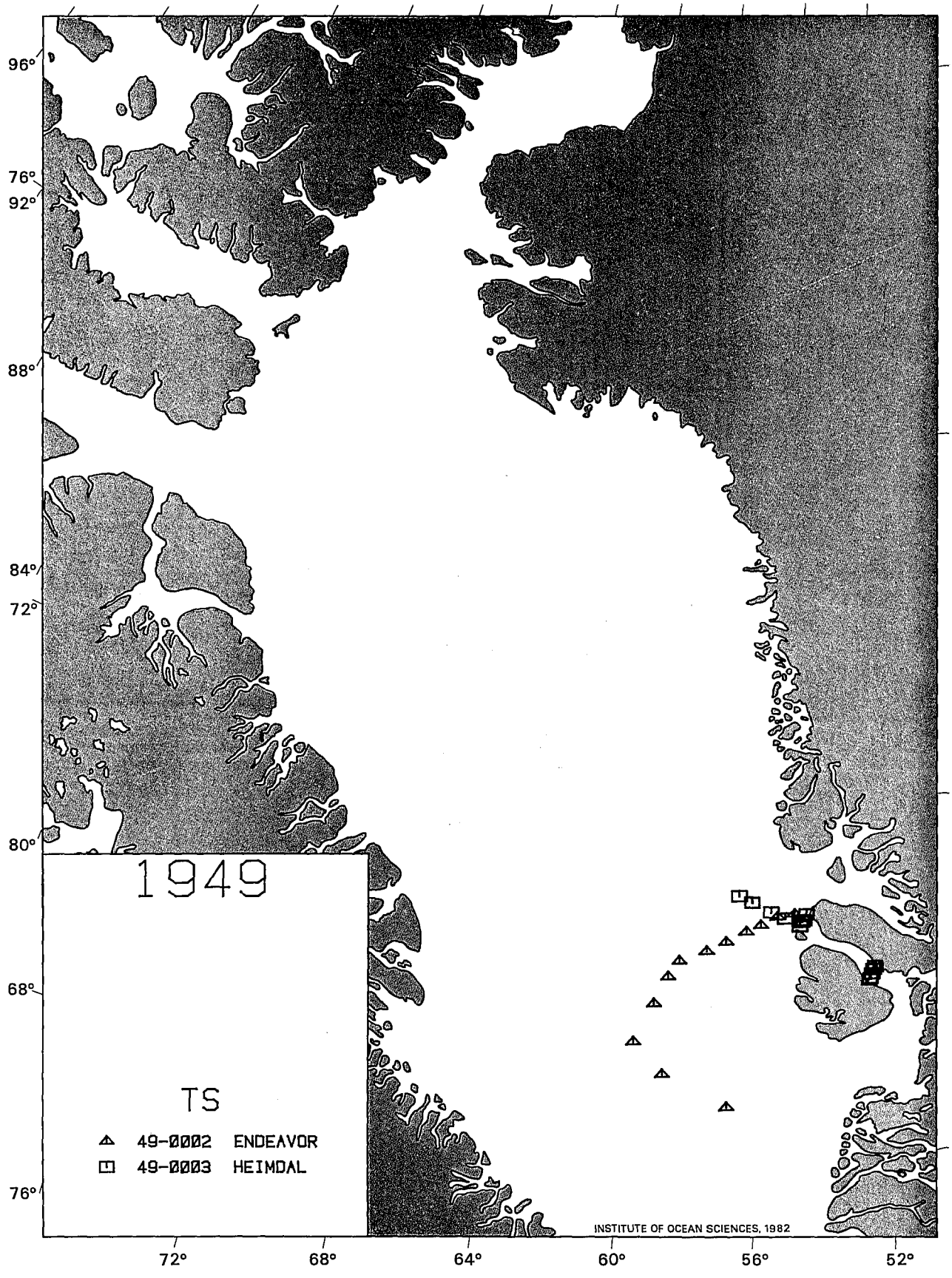
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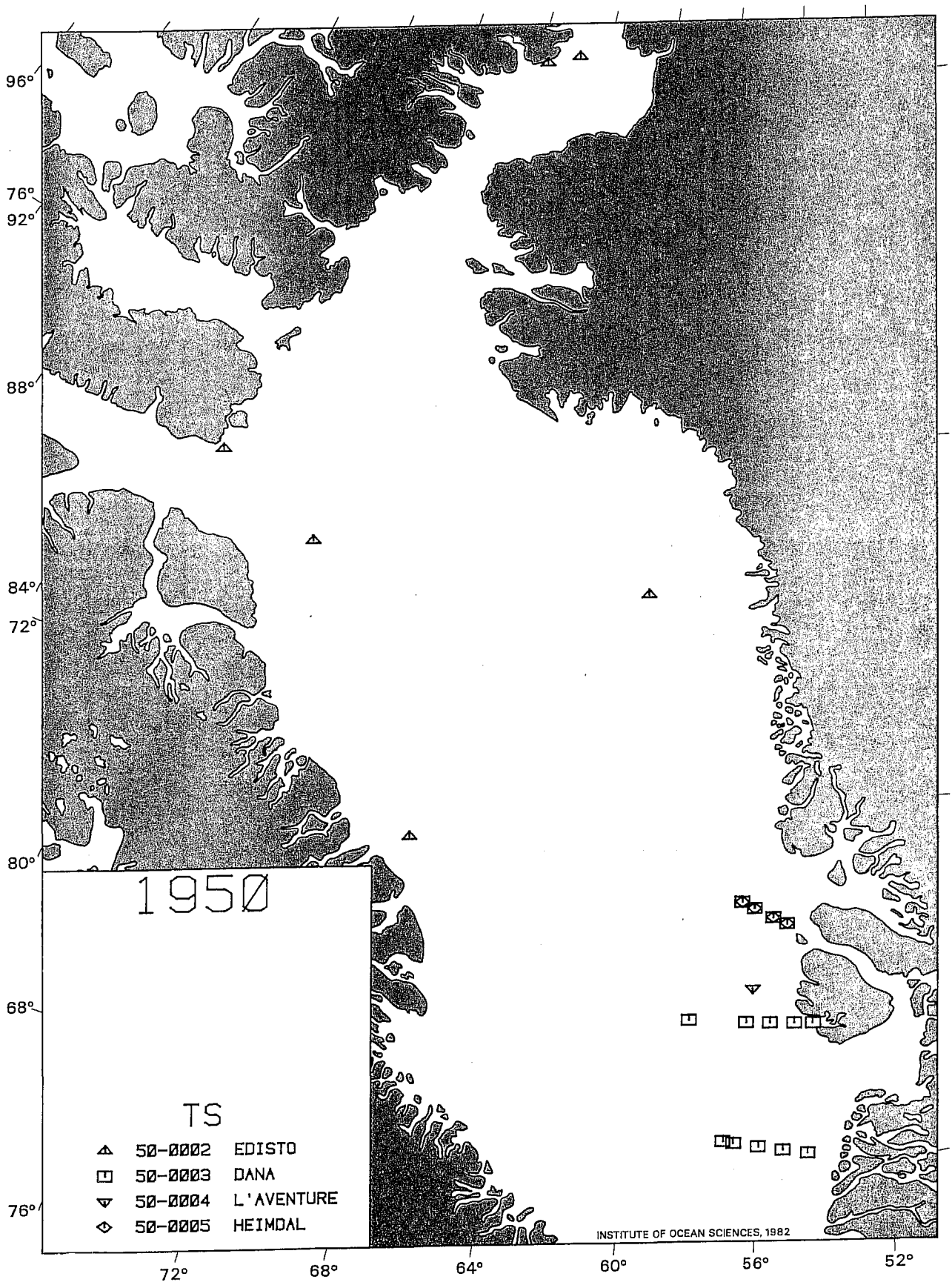
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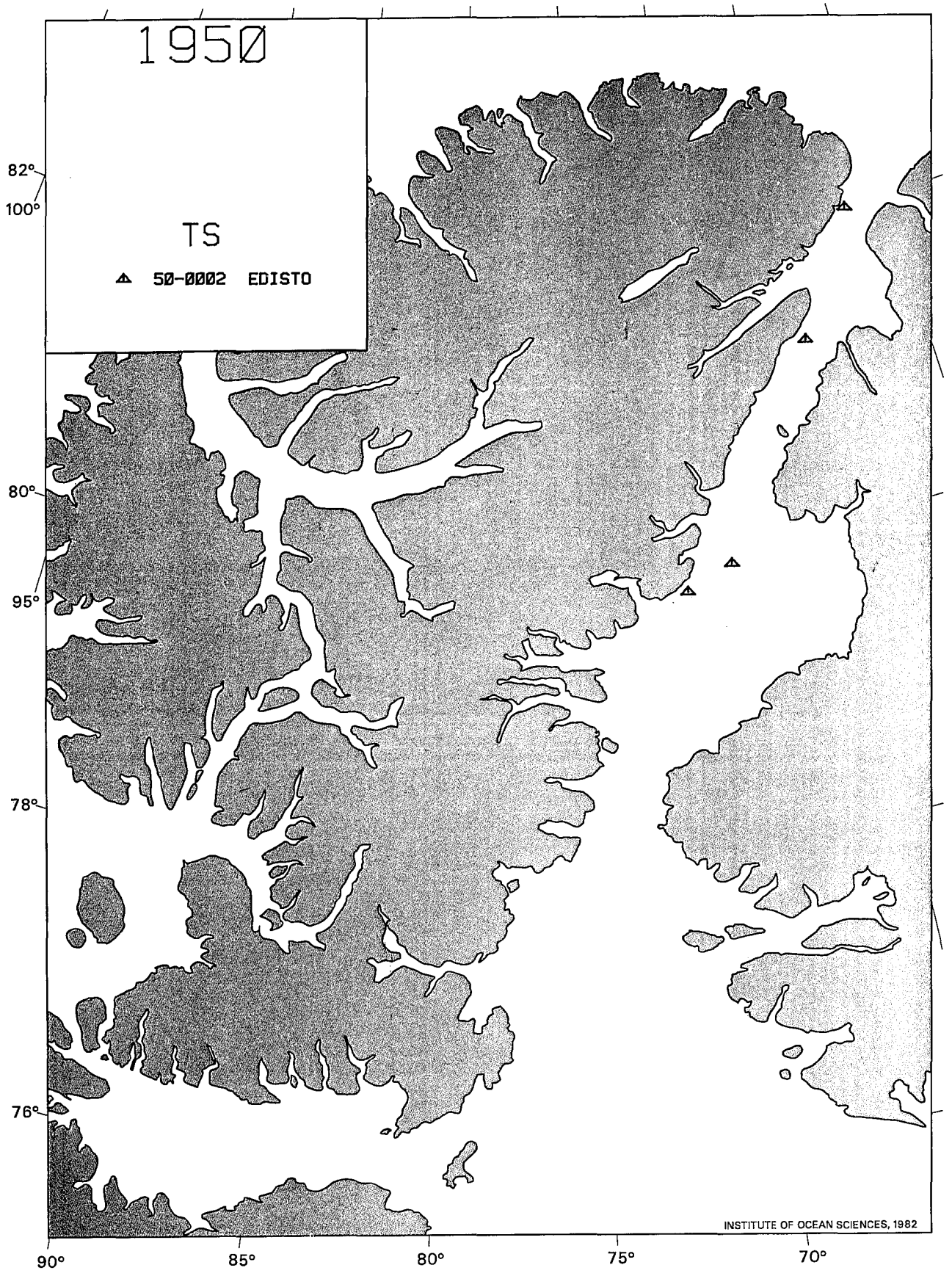
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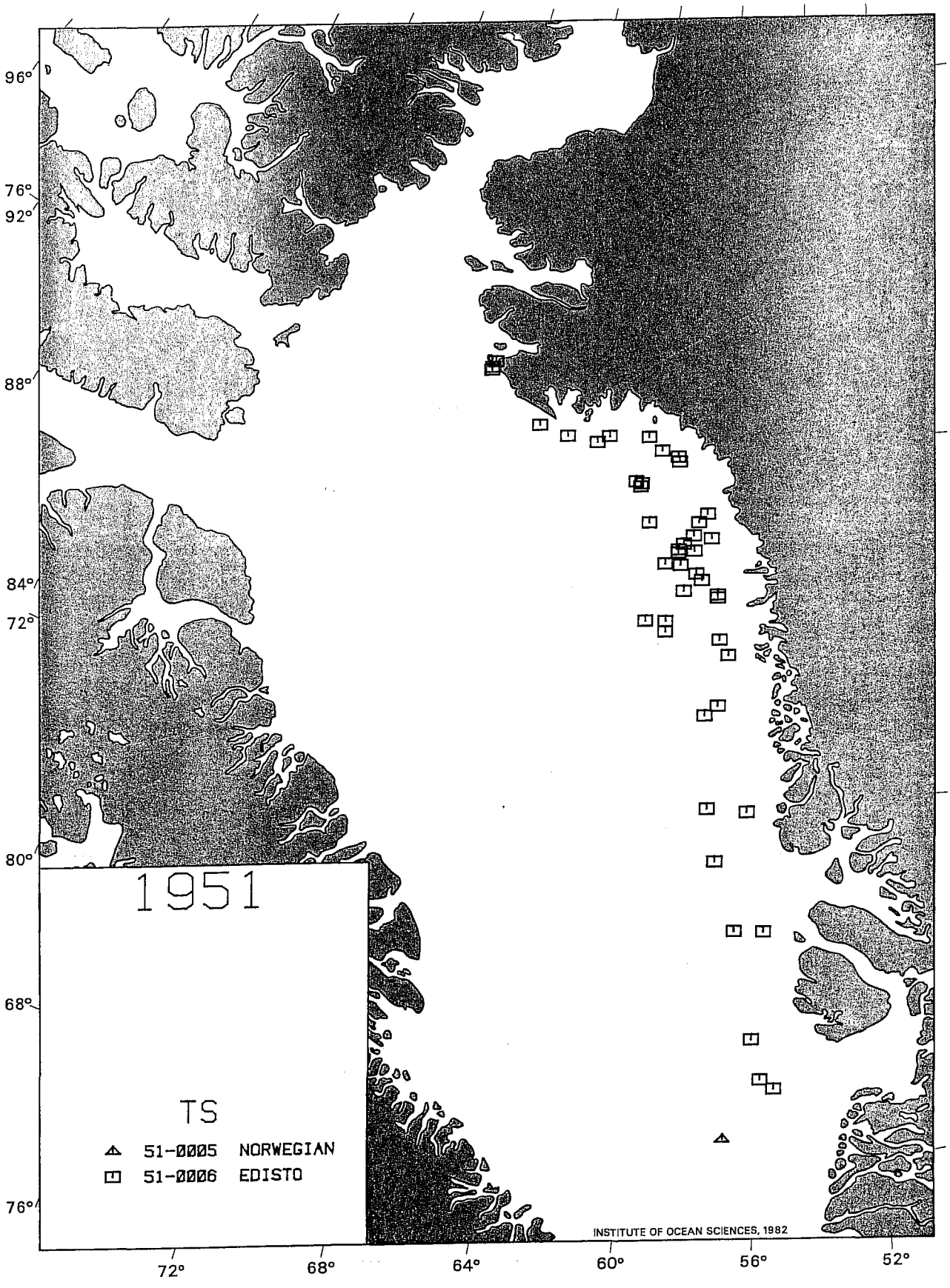
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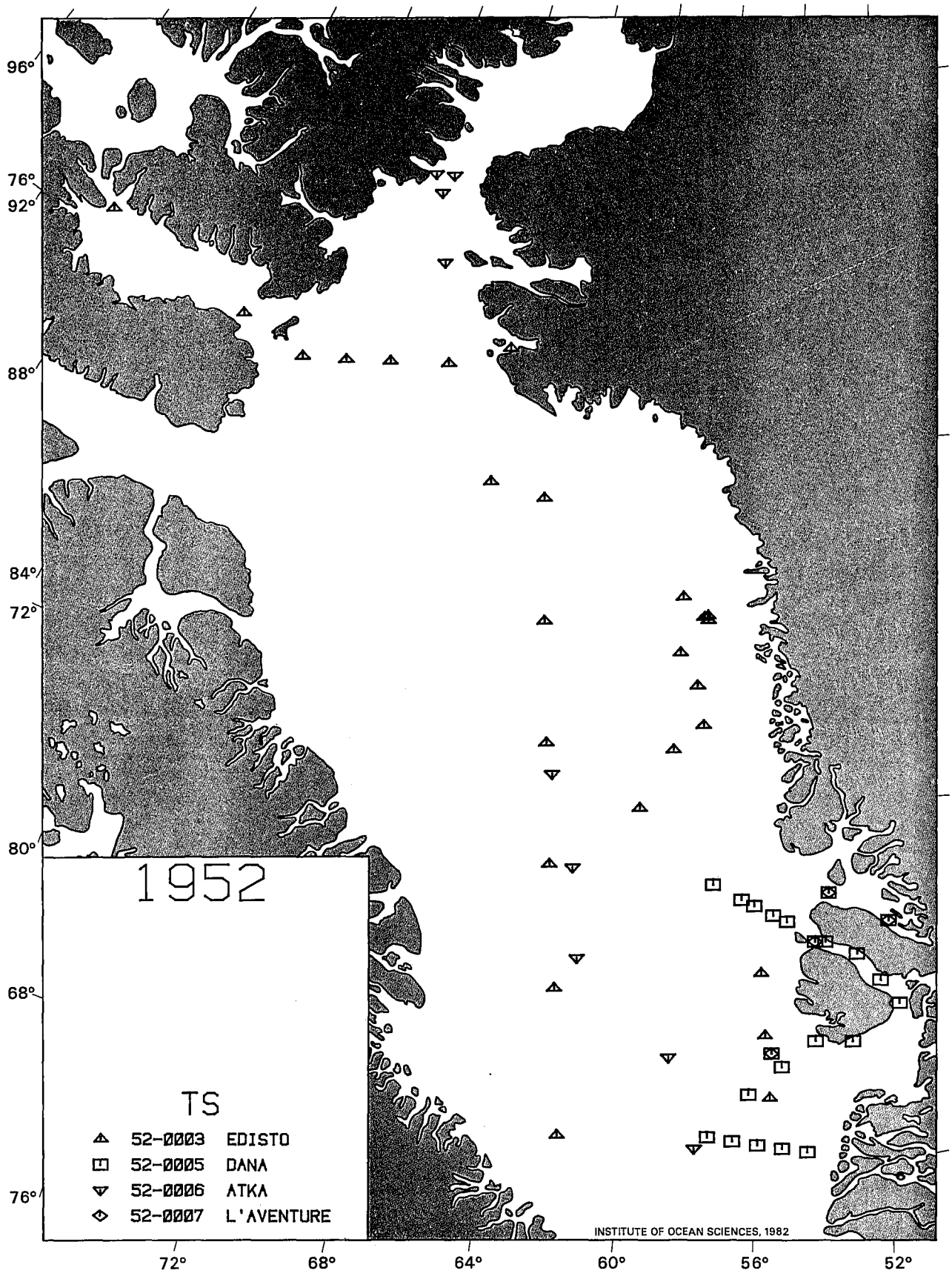
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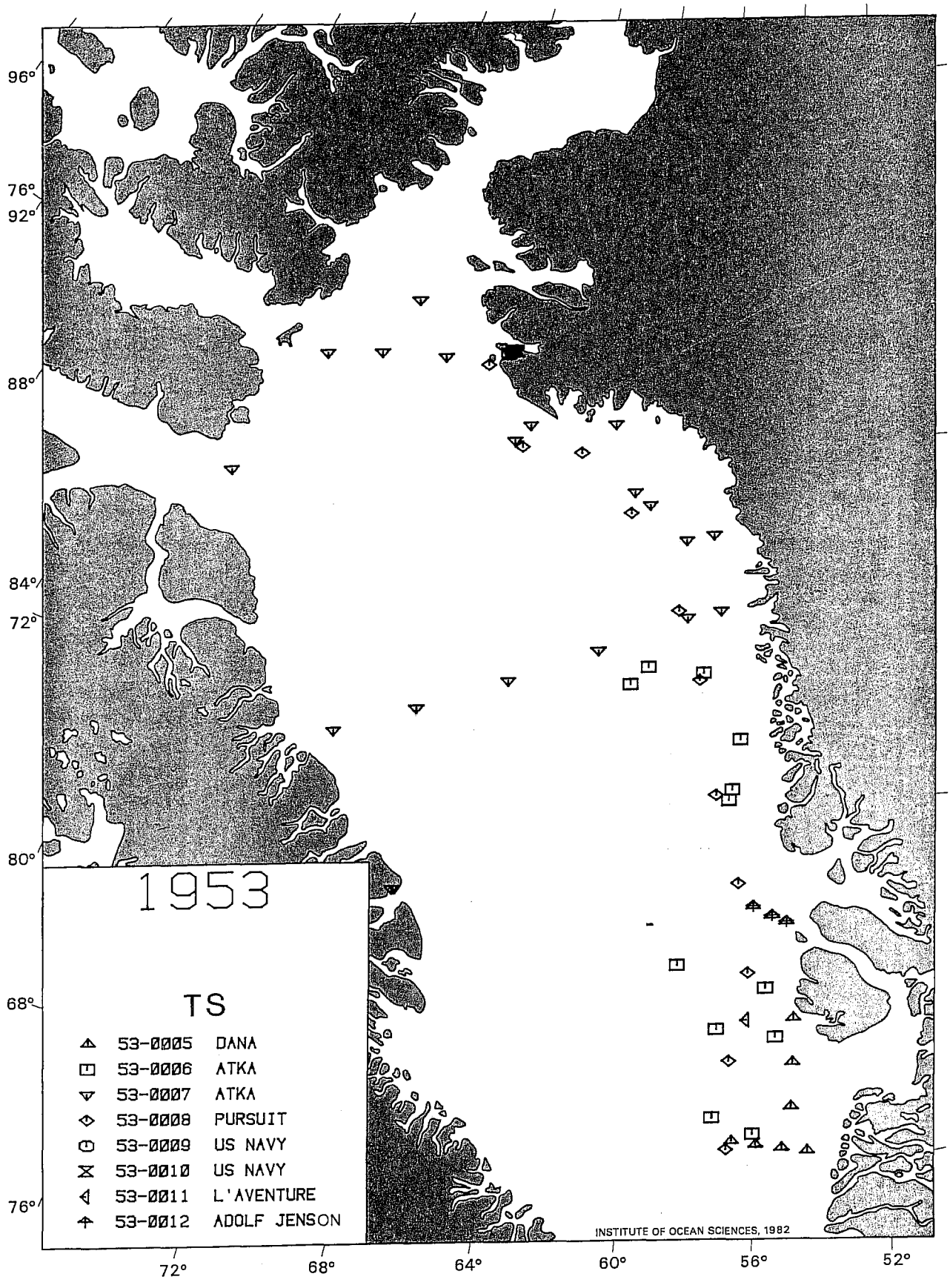
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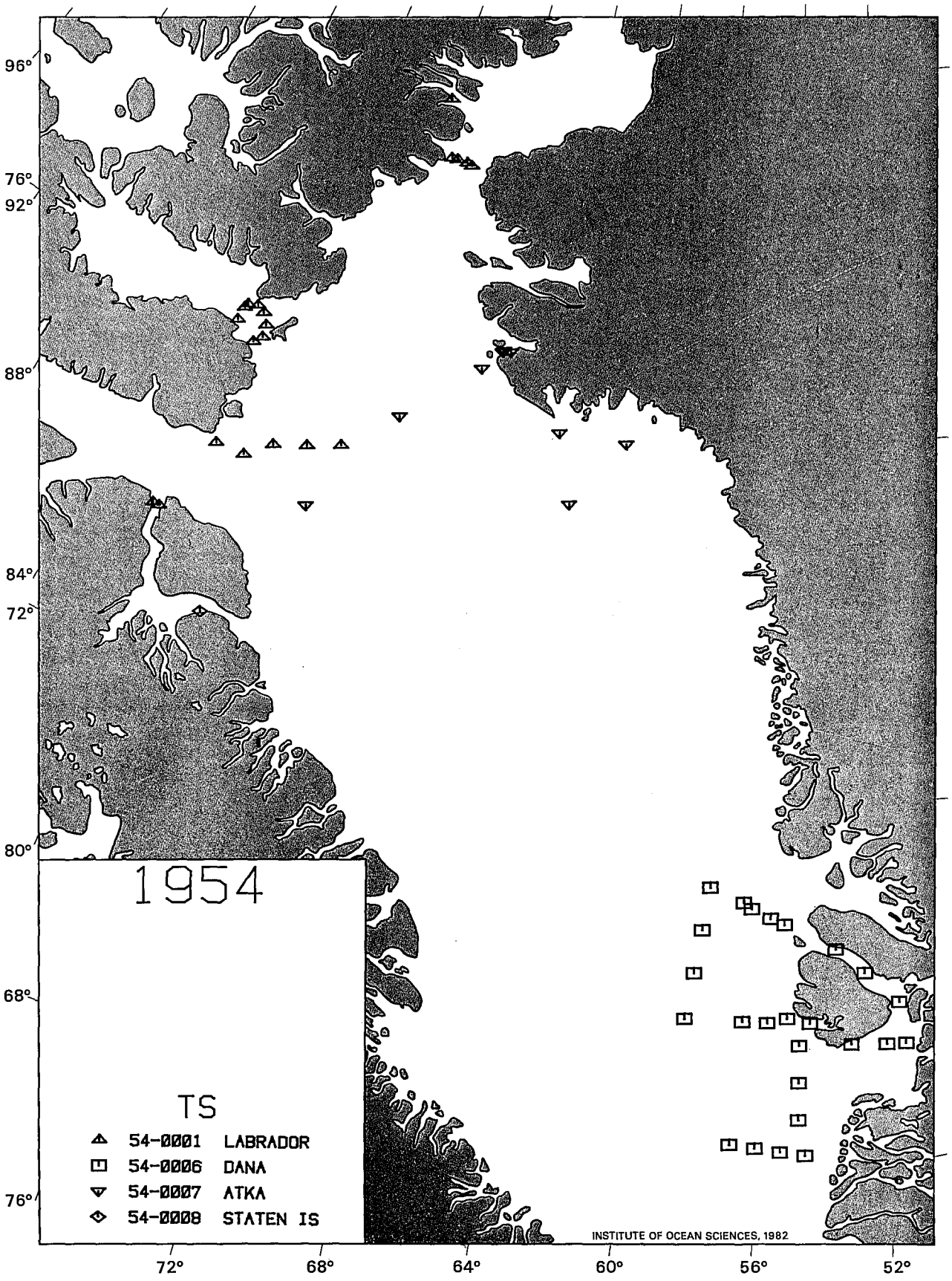
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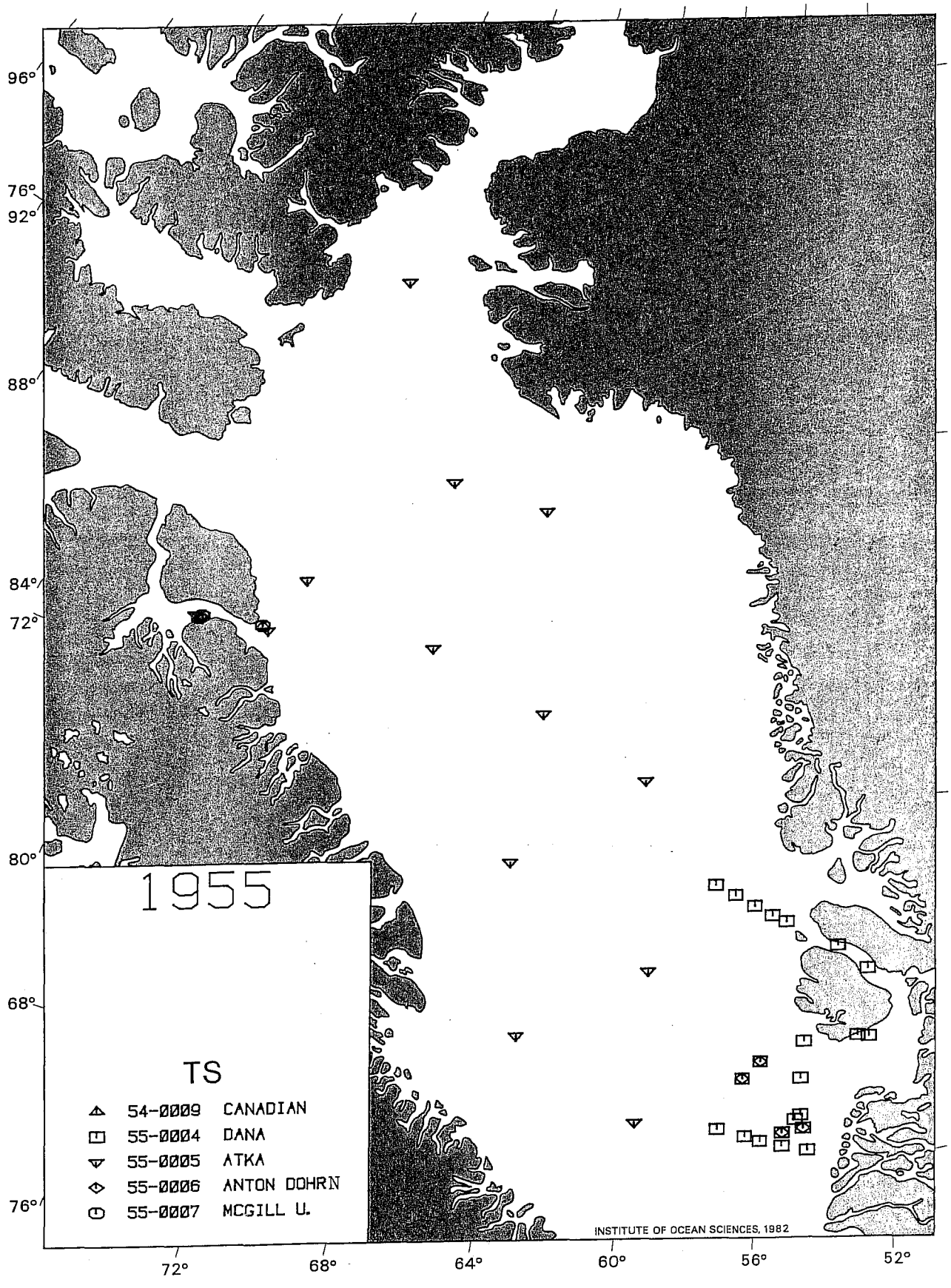
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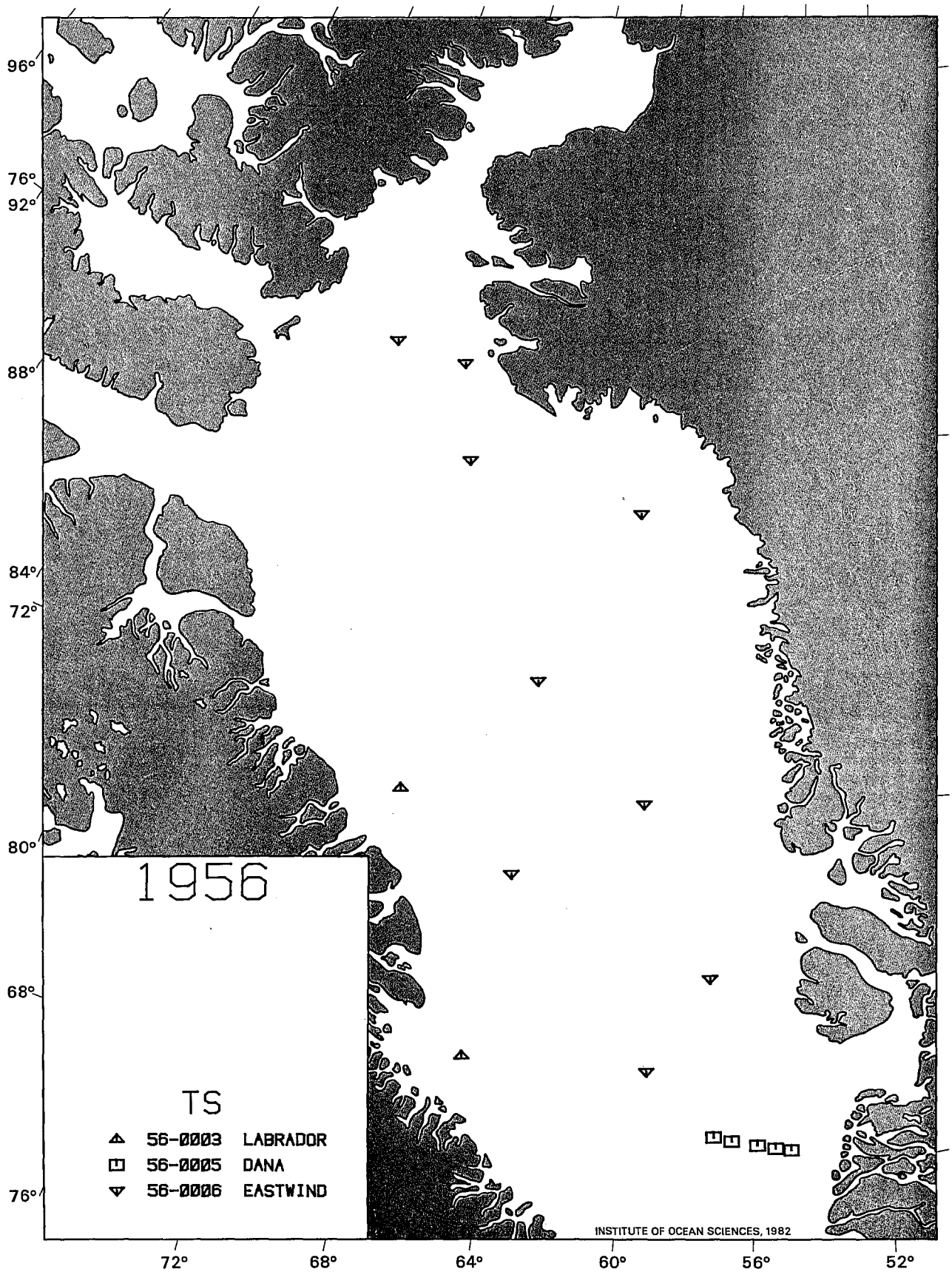
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1956
TS
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INSTITUTE OF OCEAN SCIENCES, 1982
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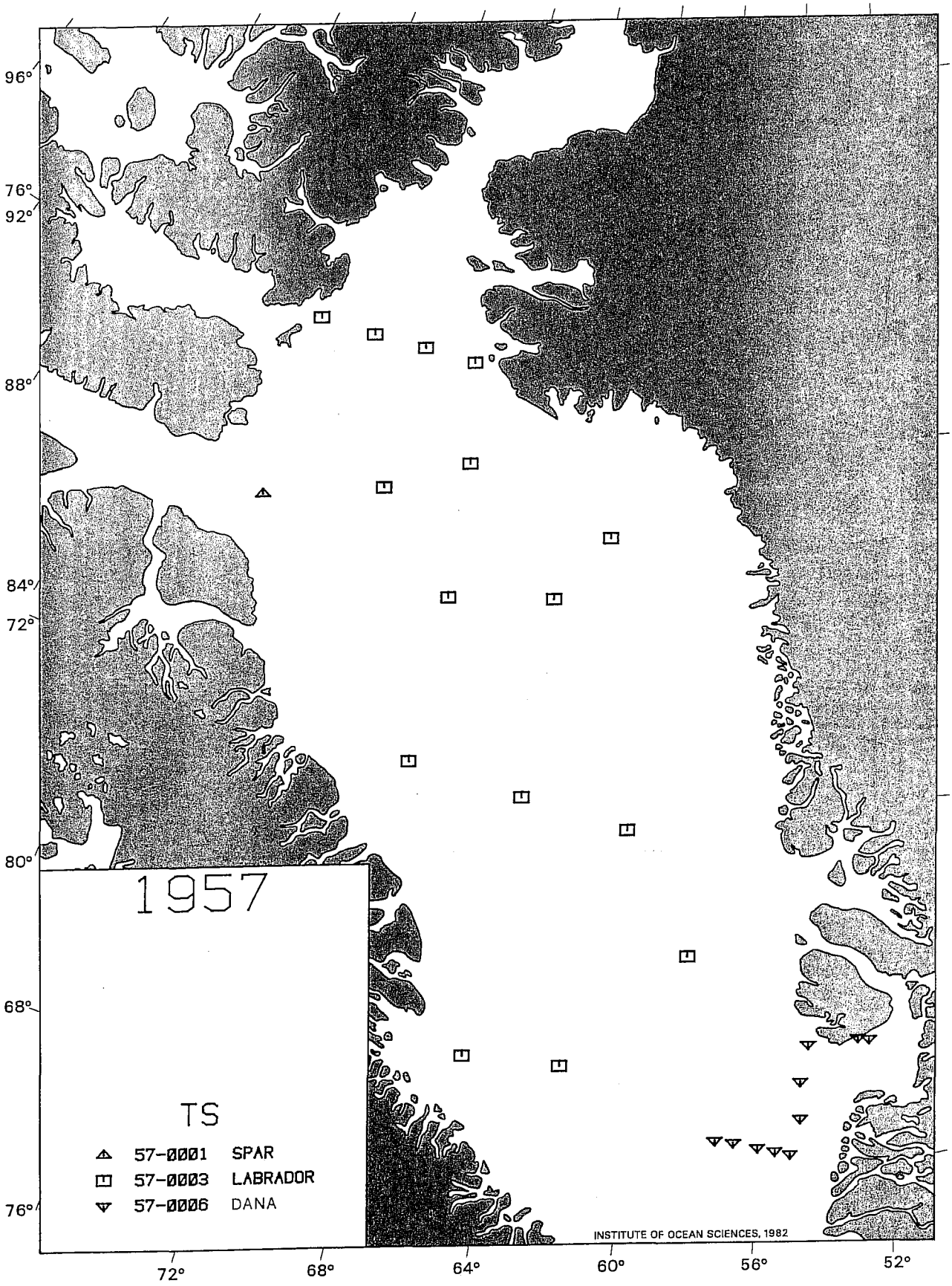
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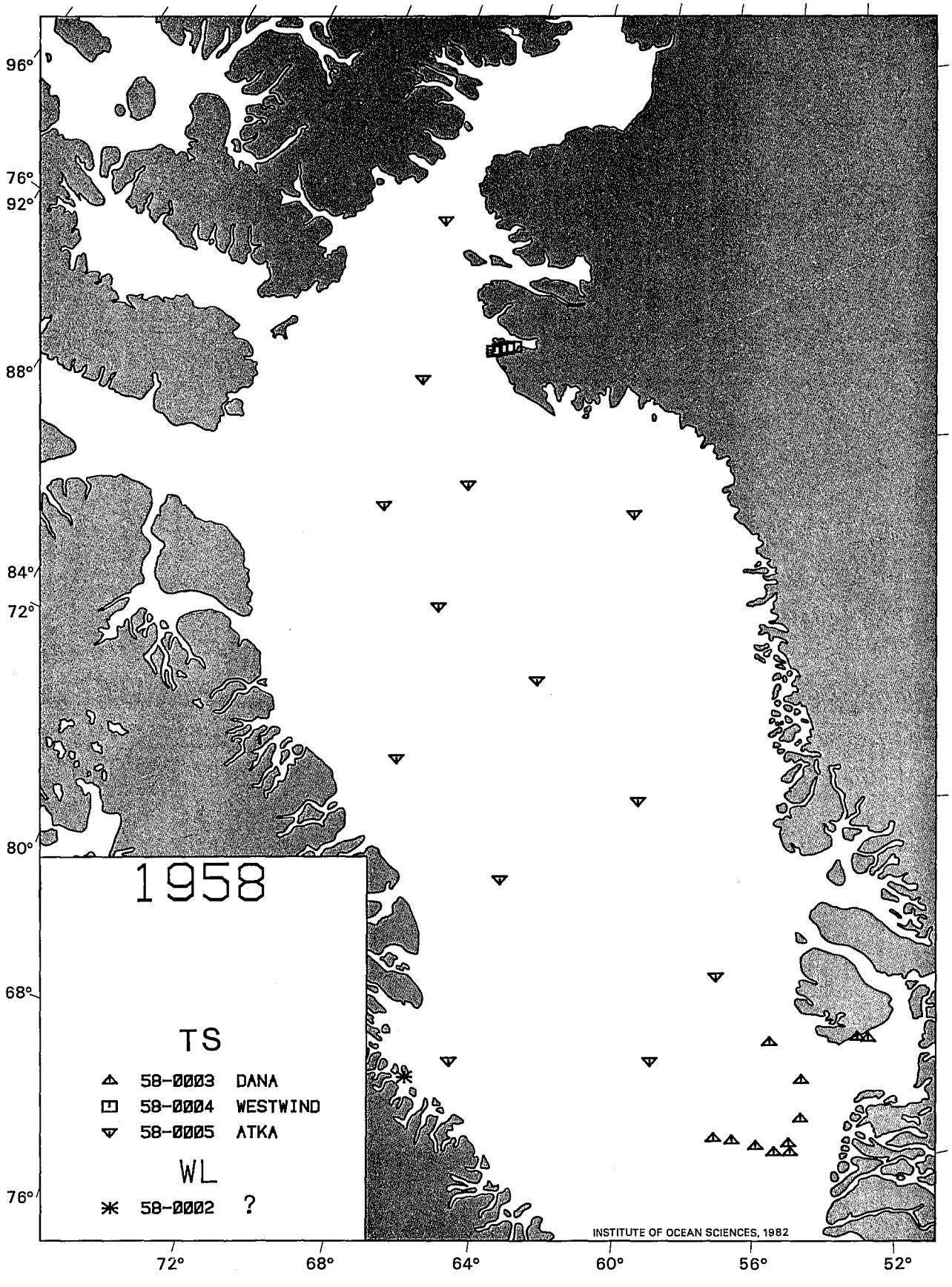
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1958
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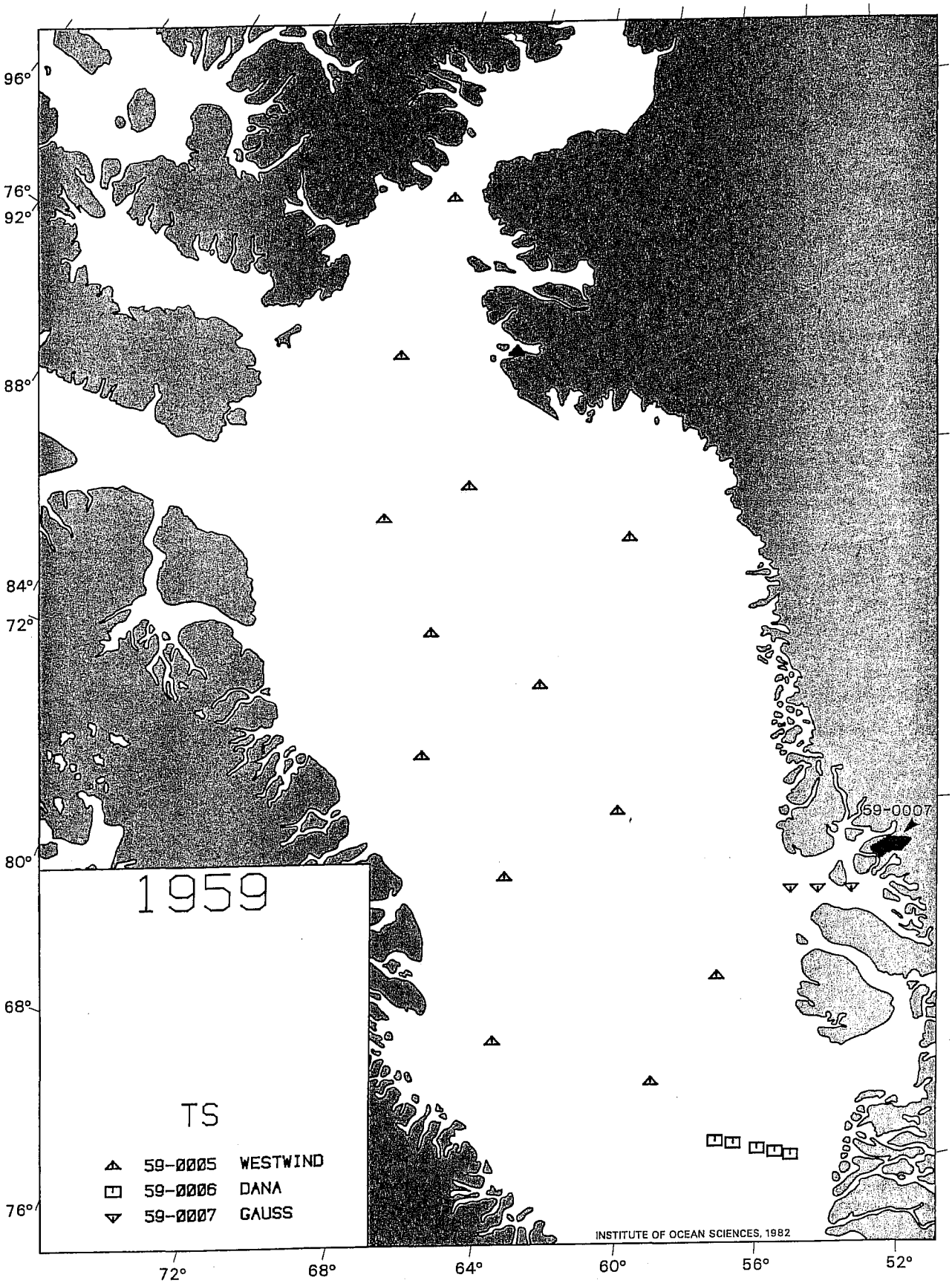
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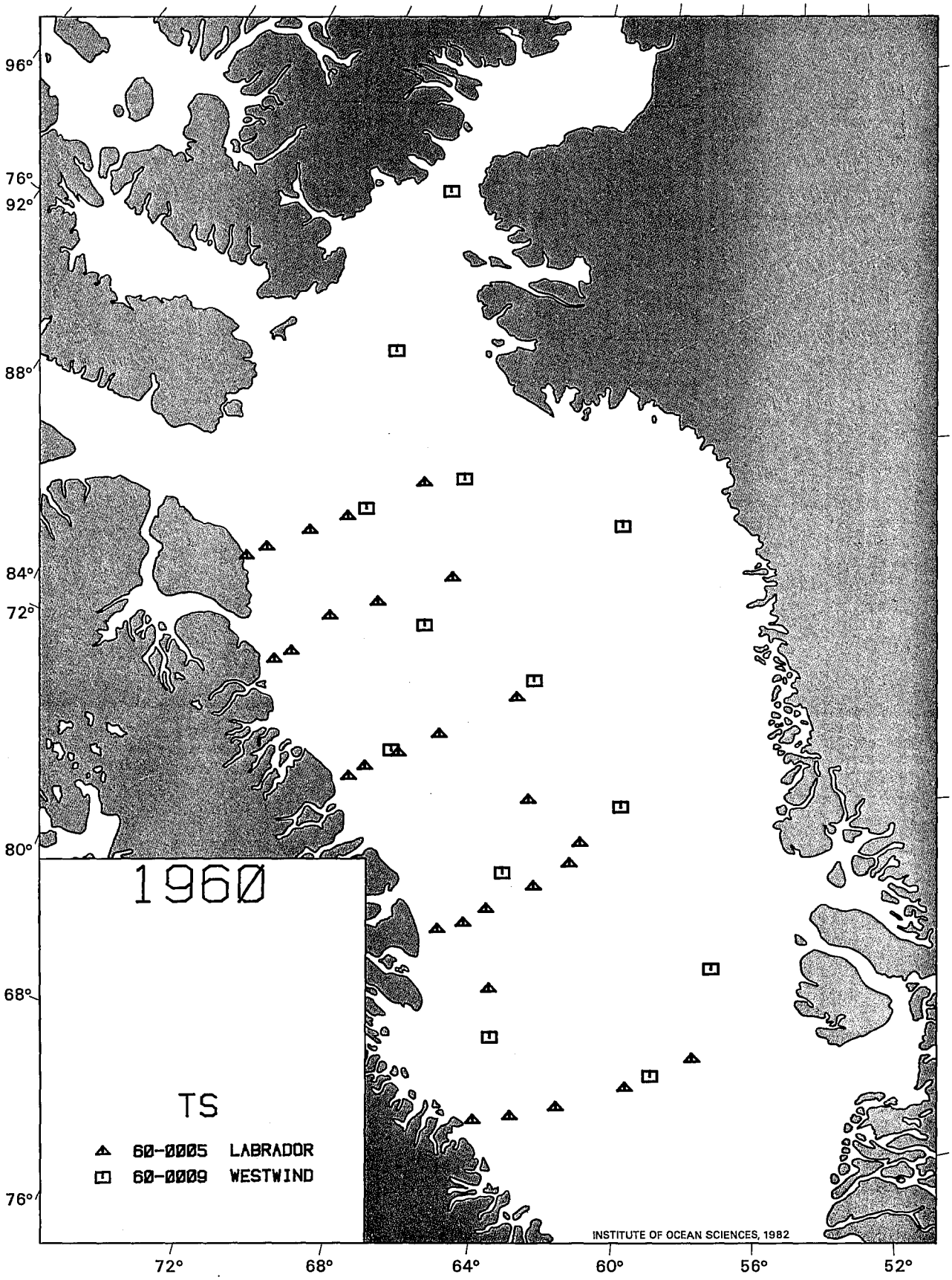
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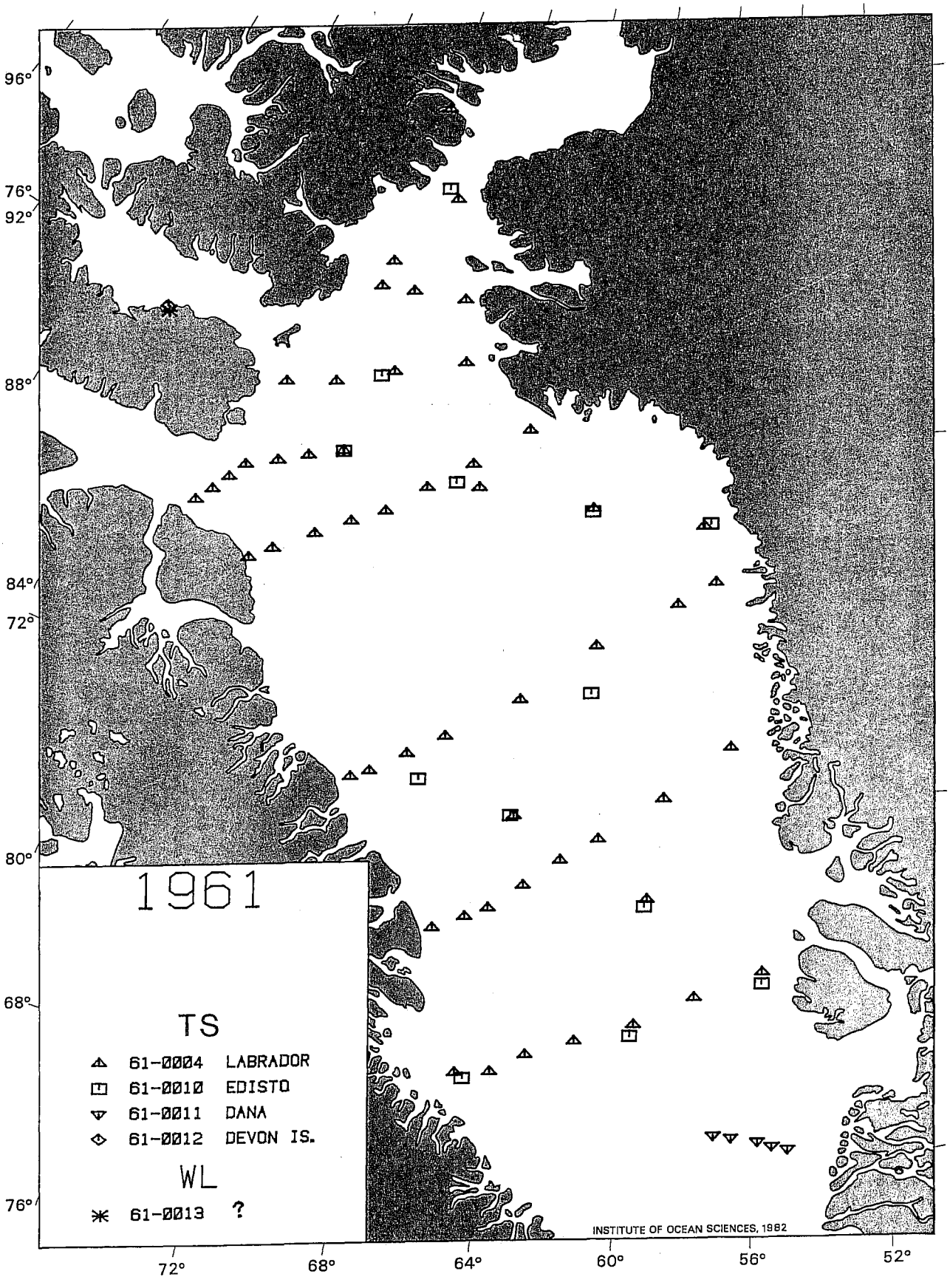
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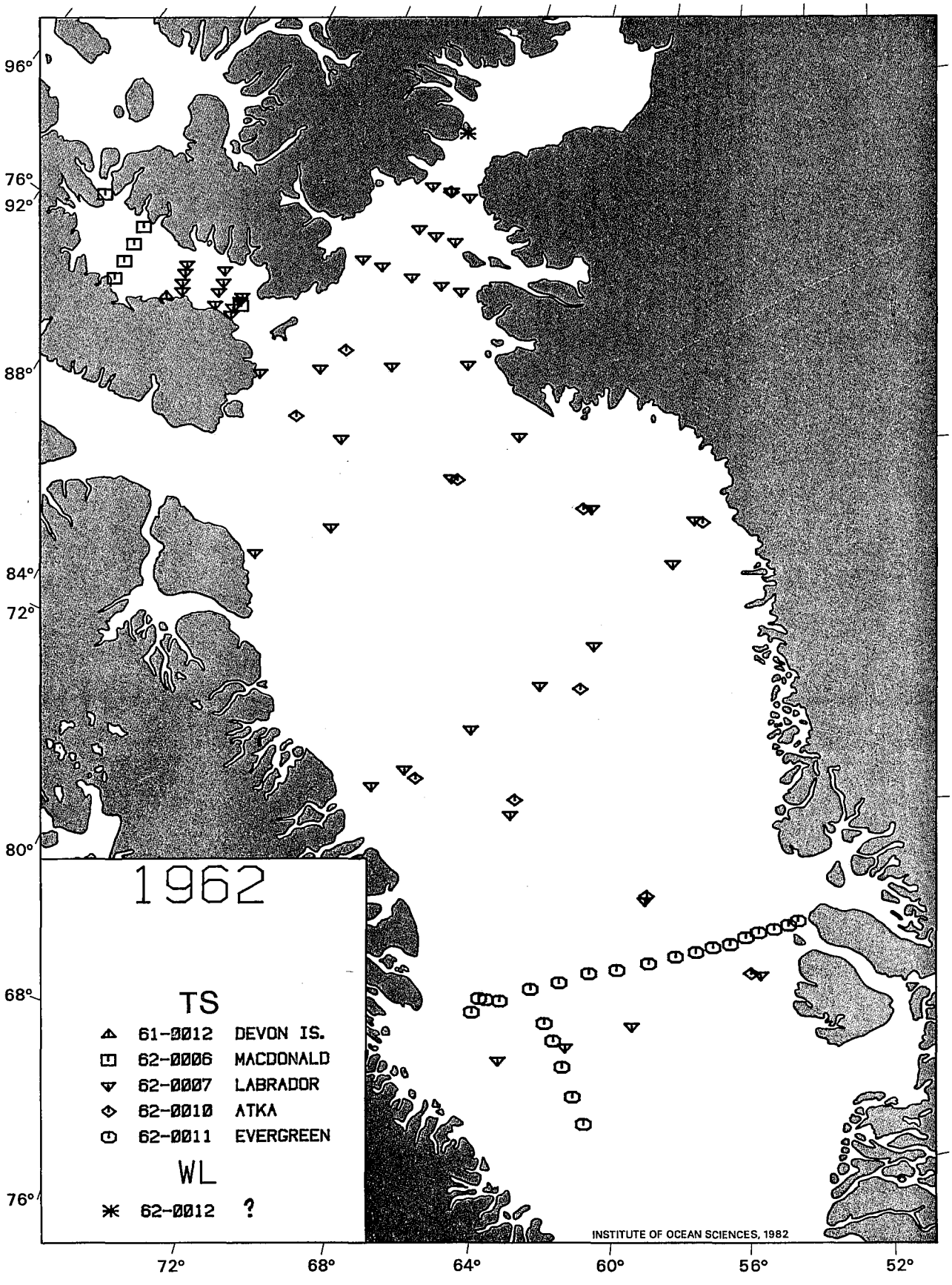
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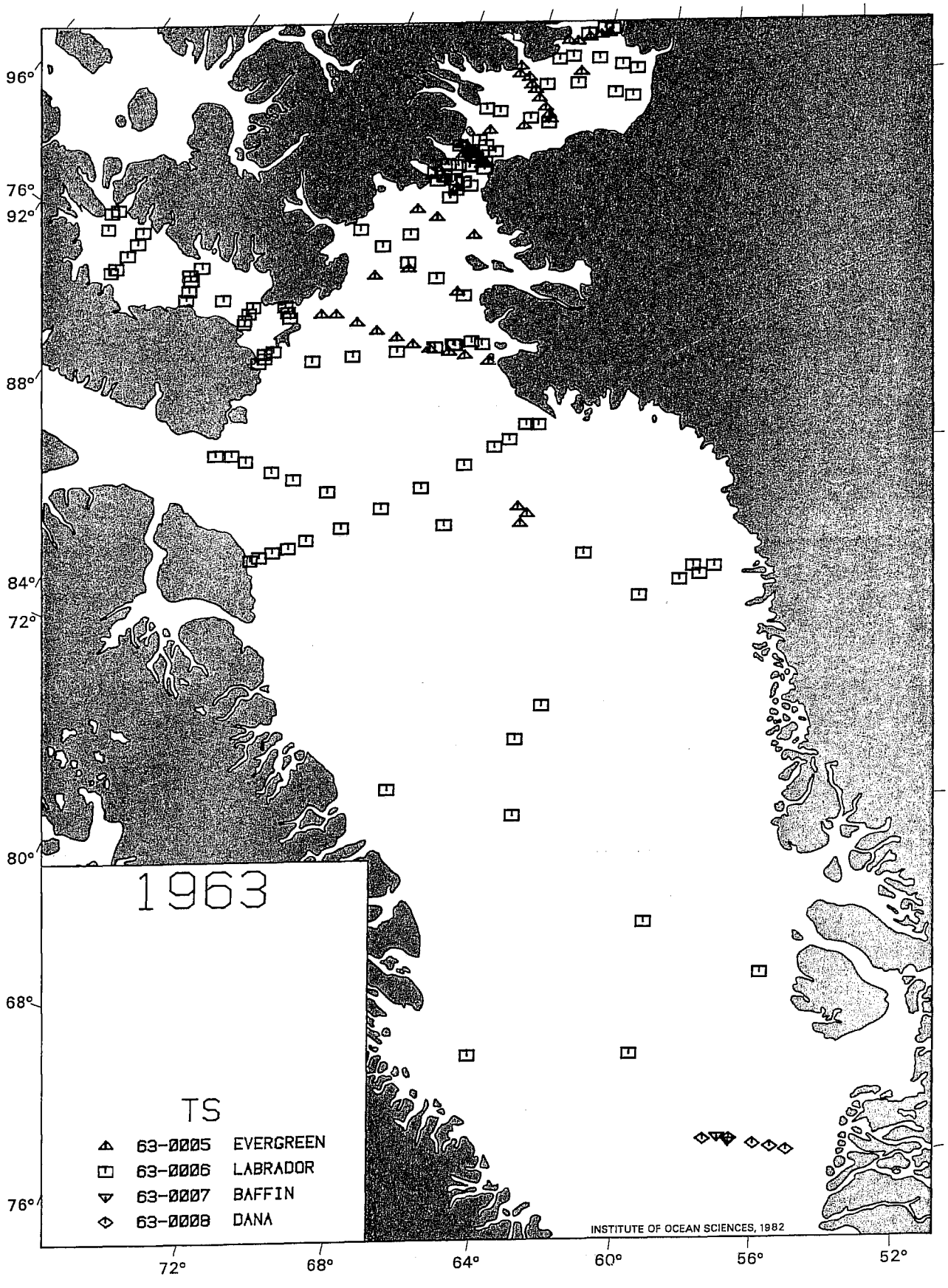
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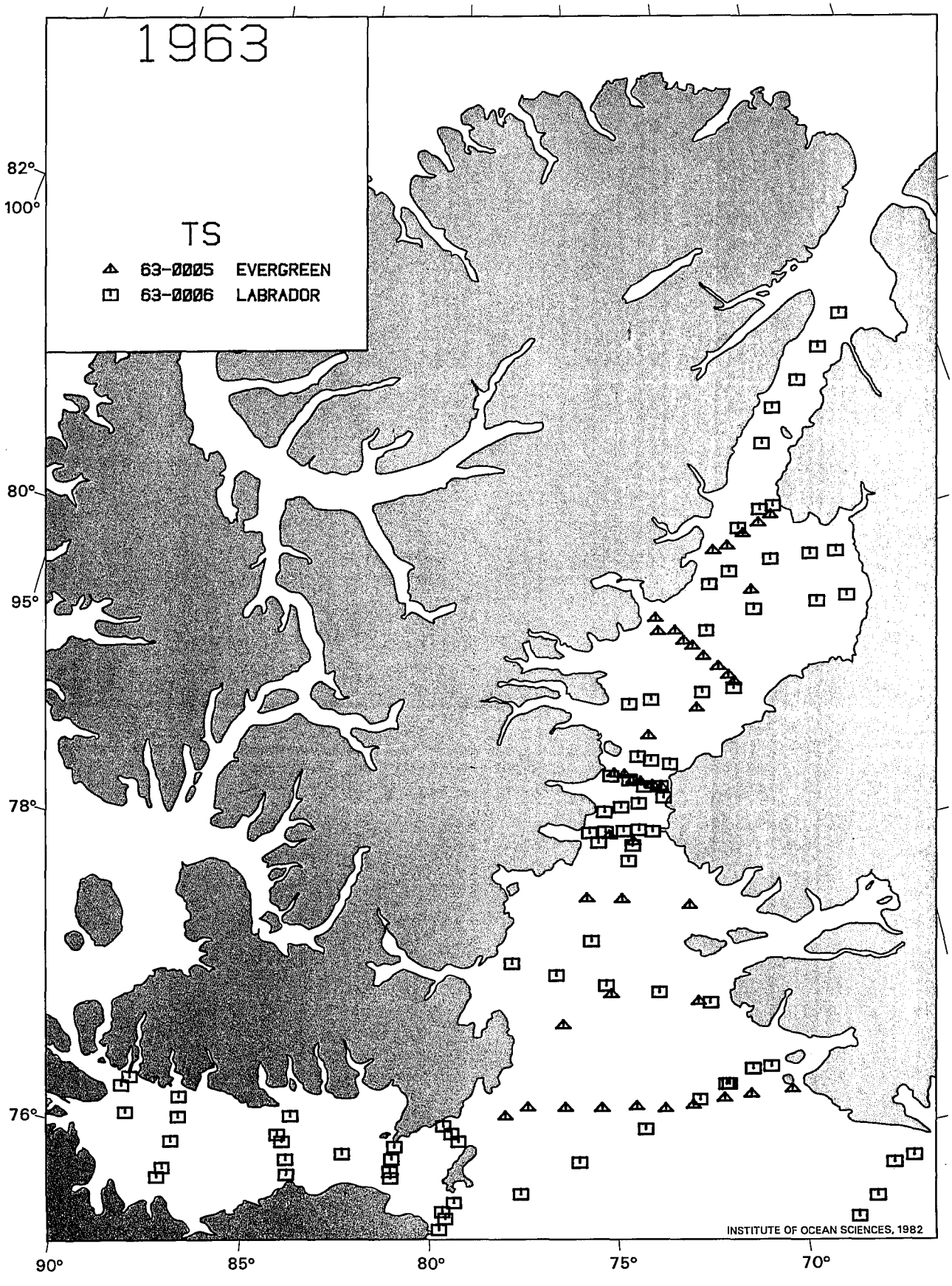
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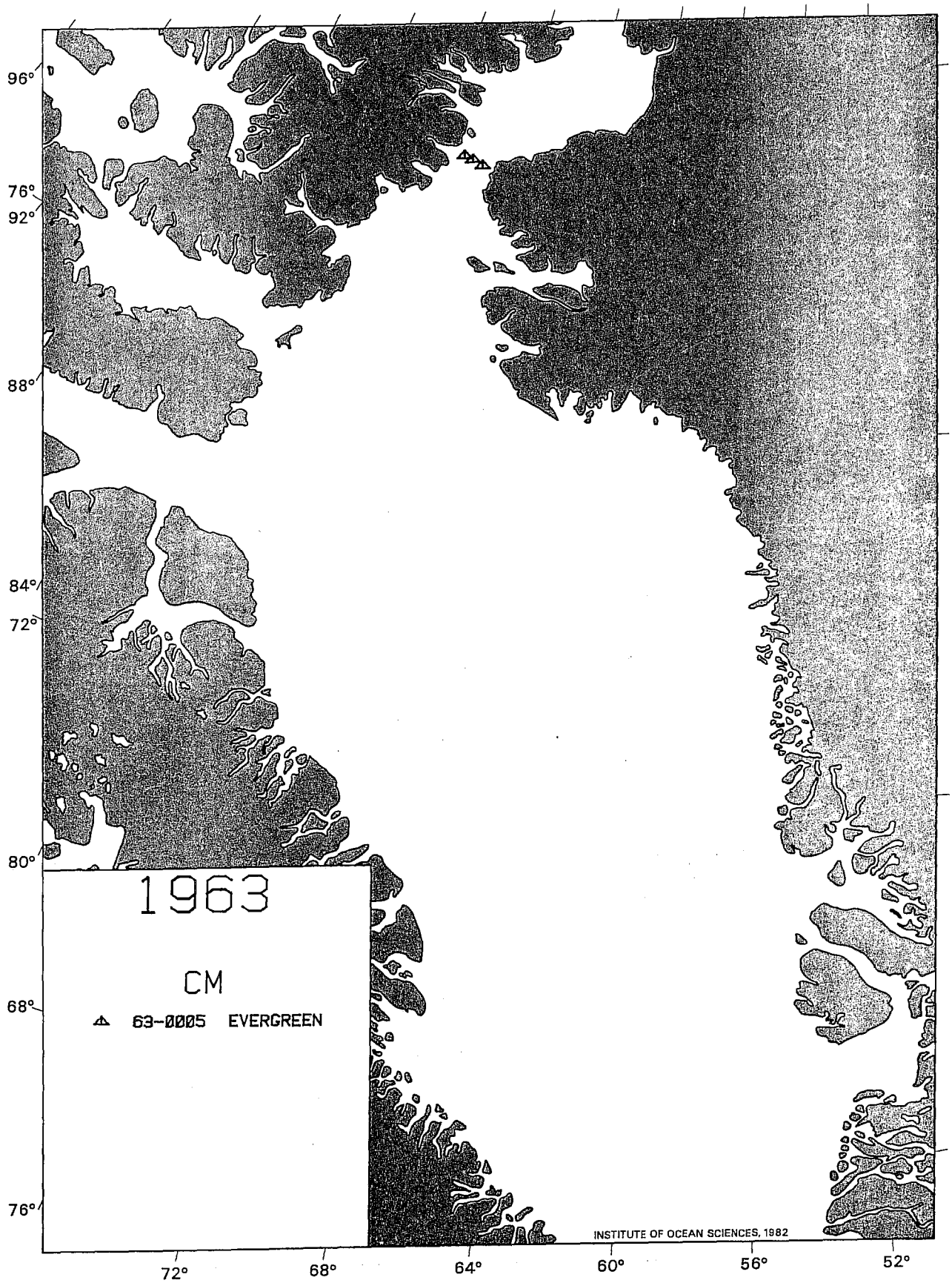
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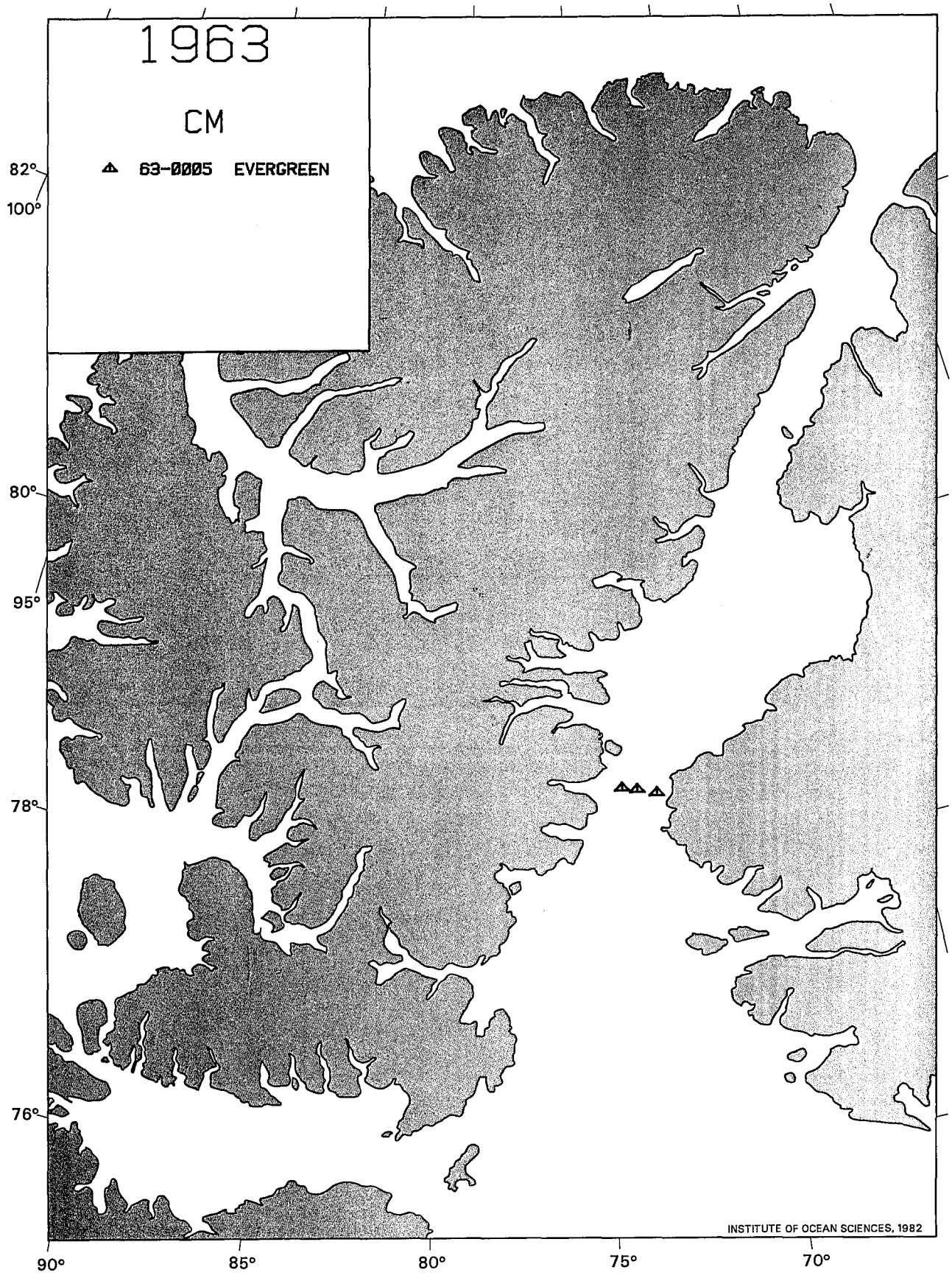
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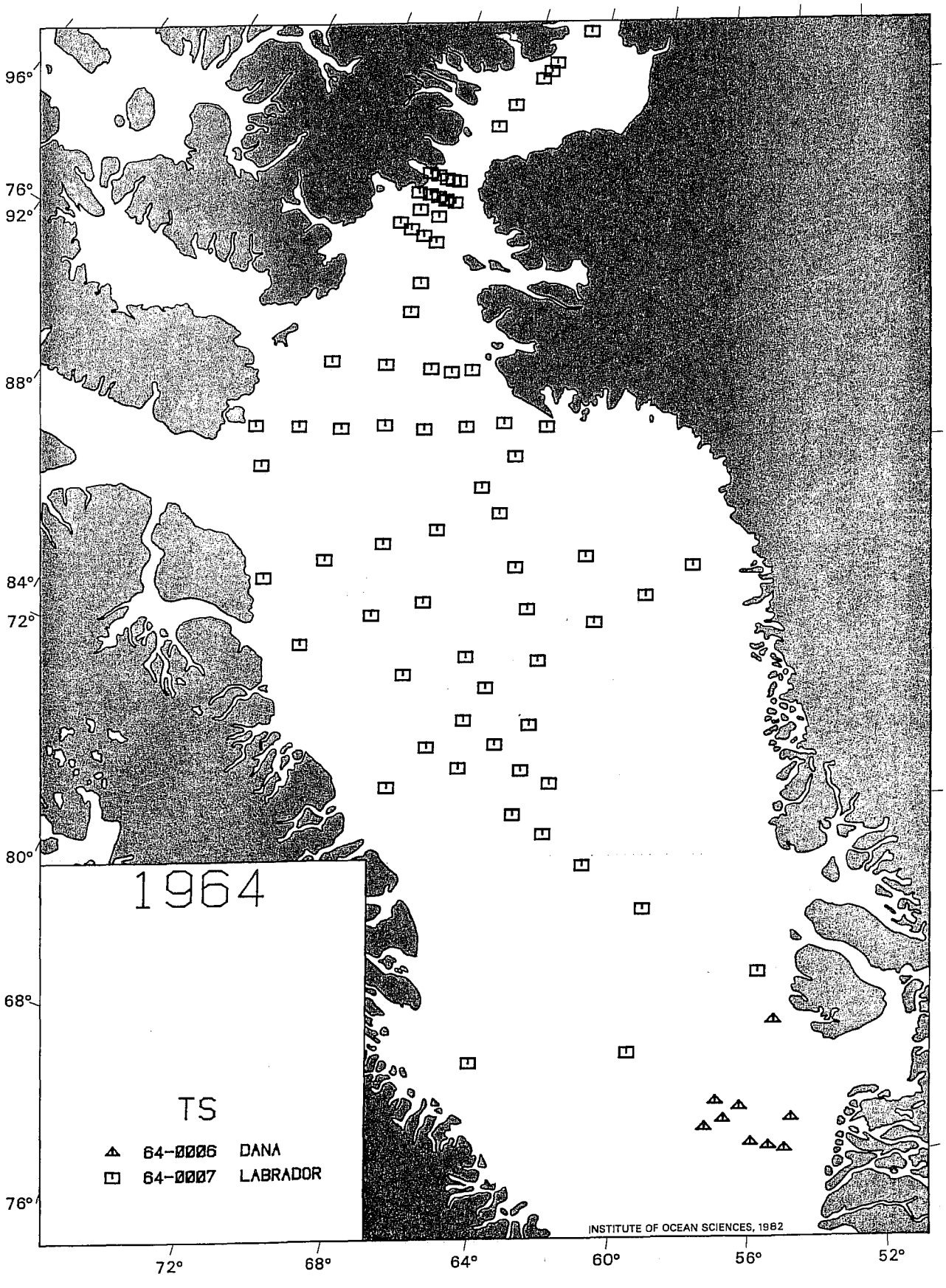
INSTITUTE OF OCEAN SCIENCES, 1982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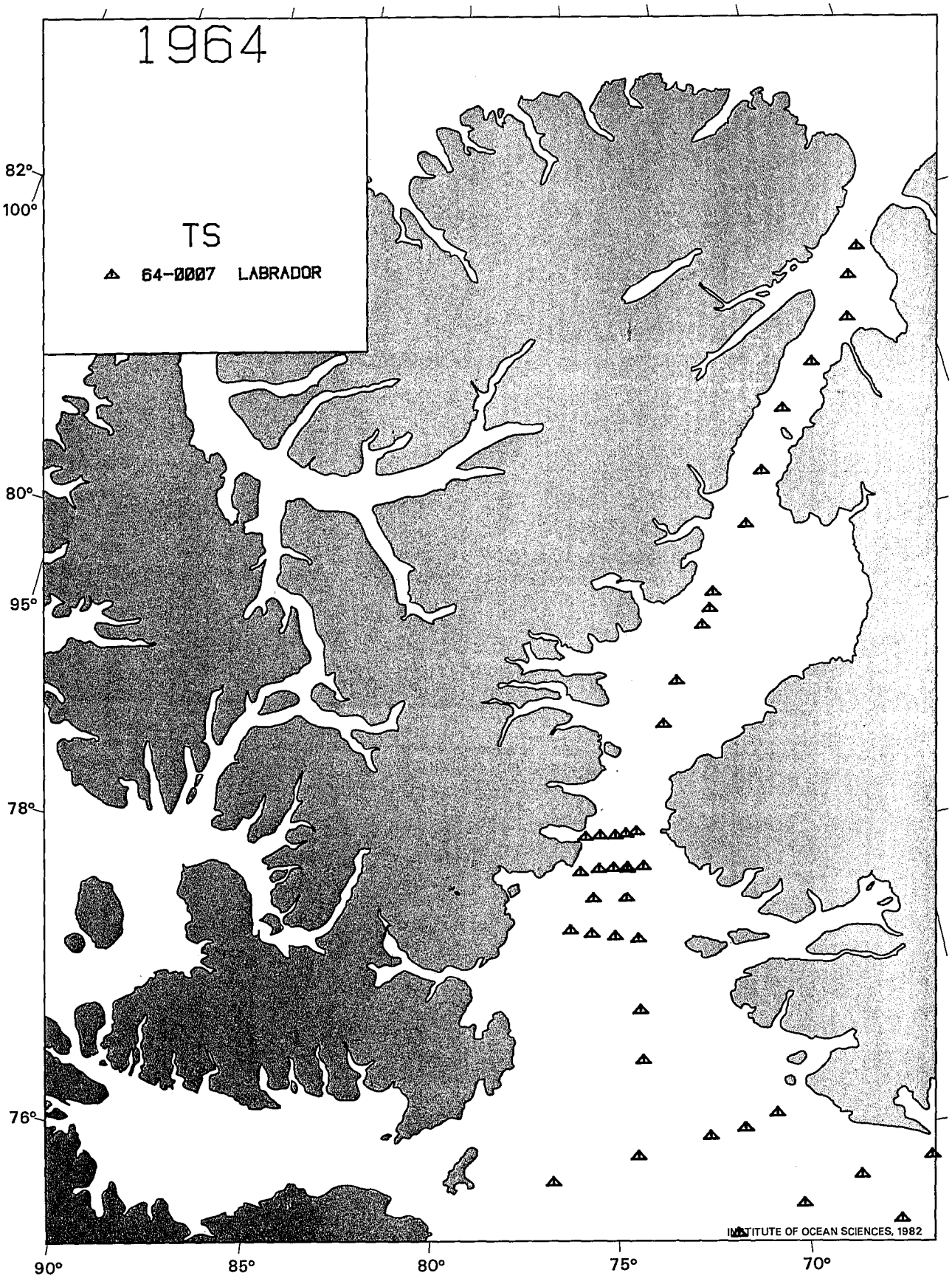
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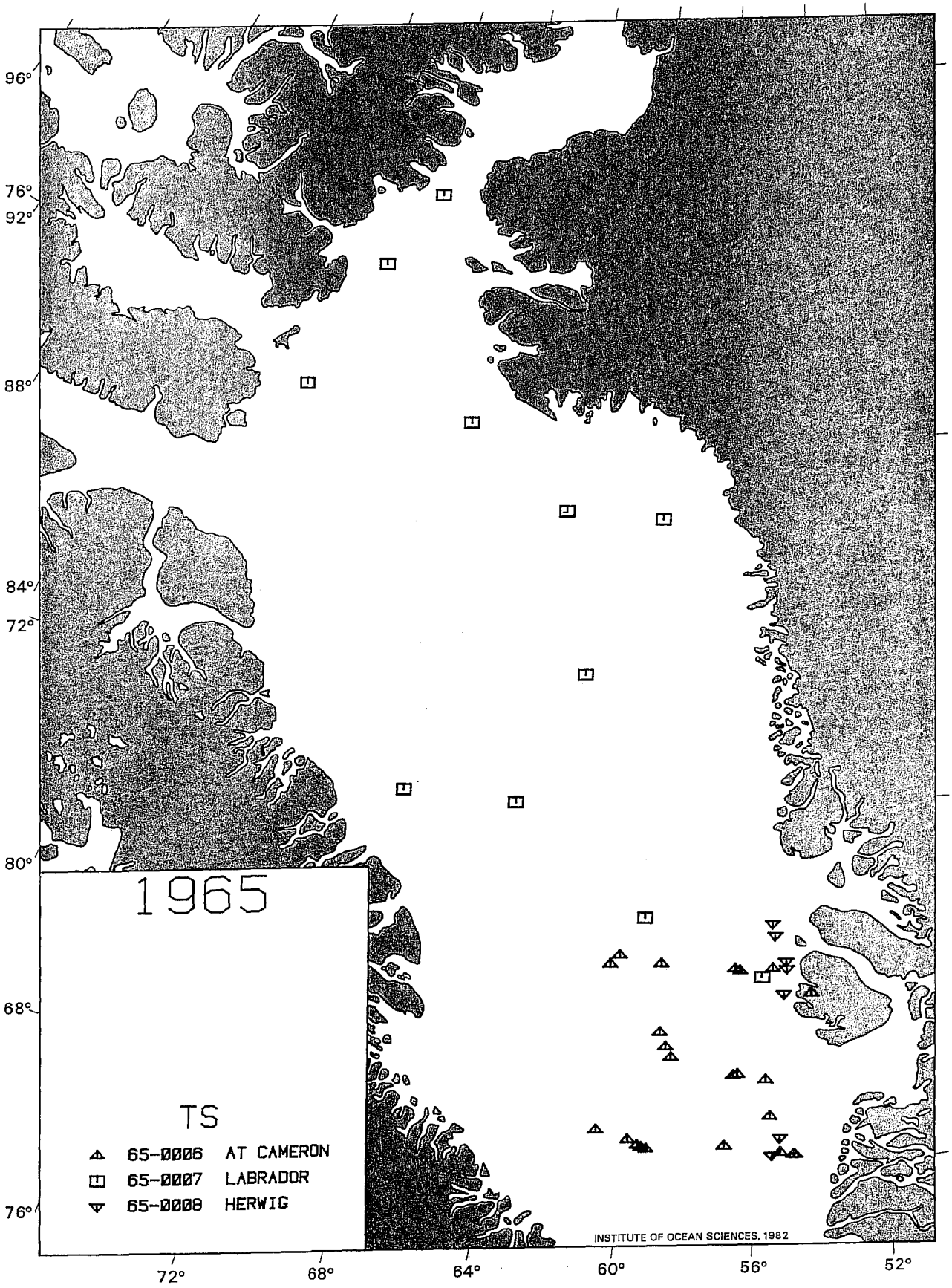
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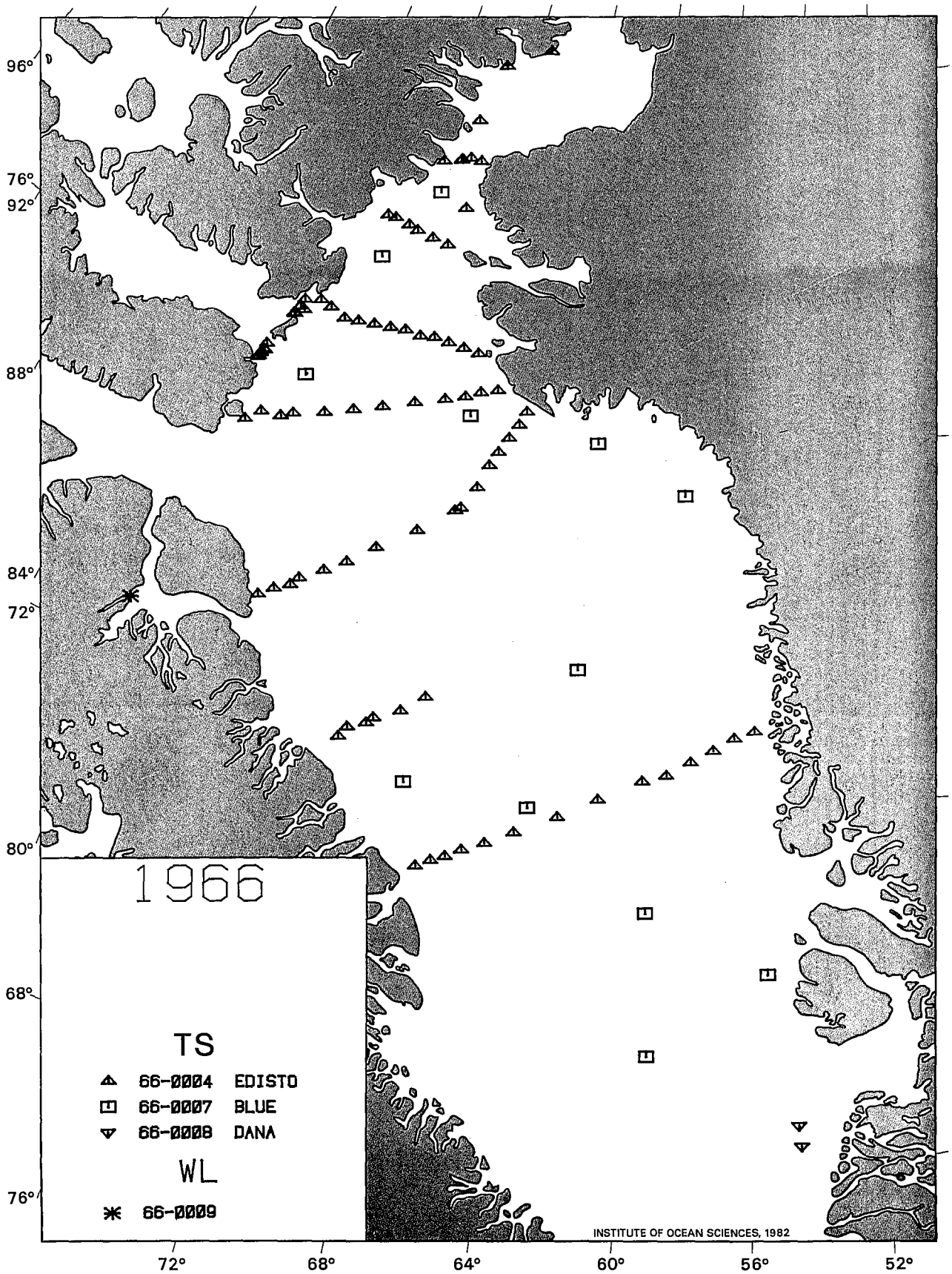
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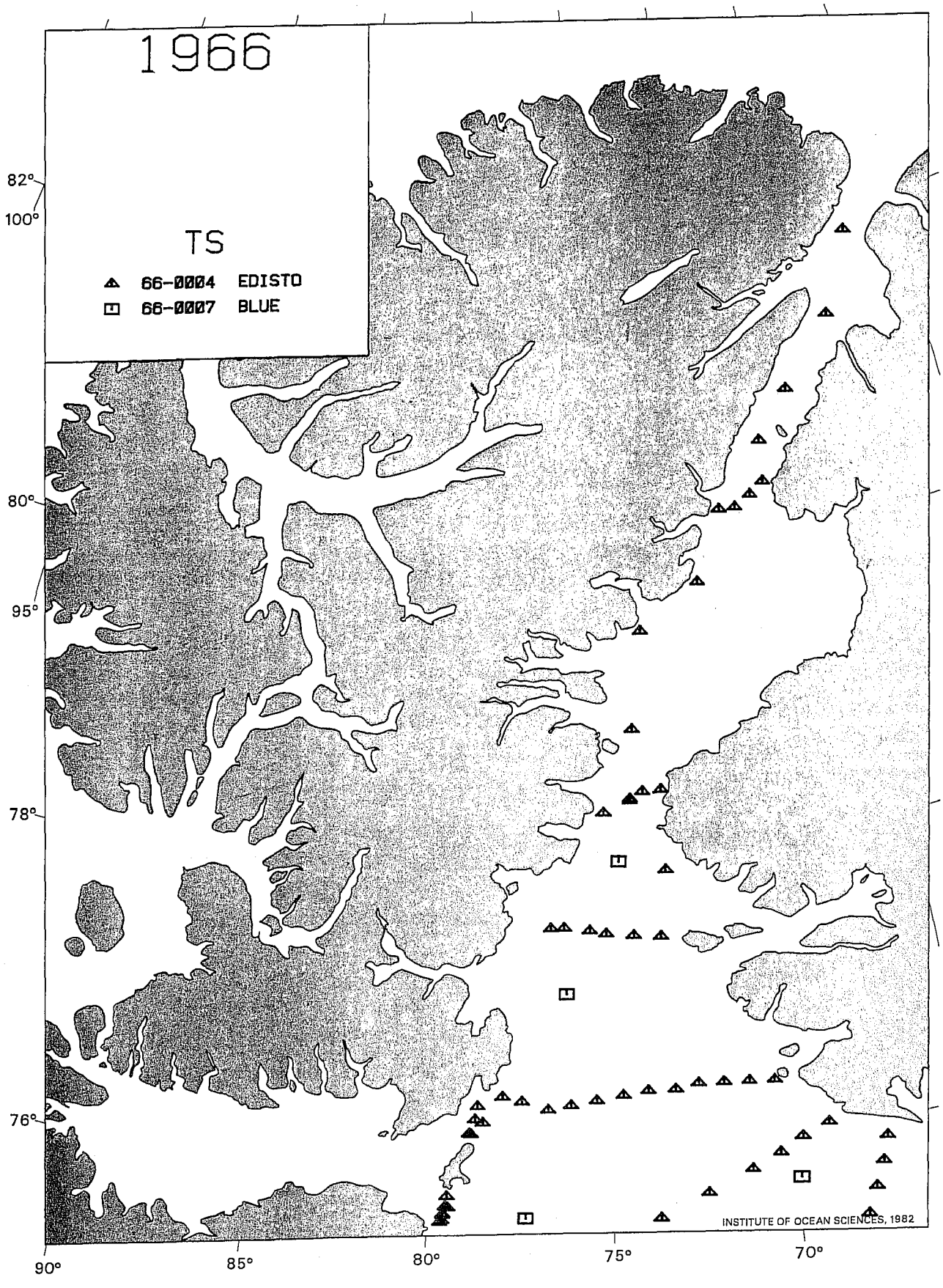
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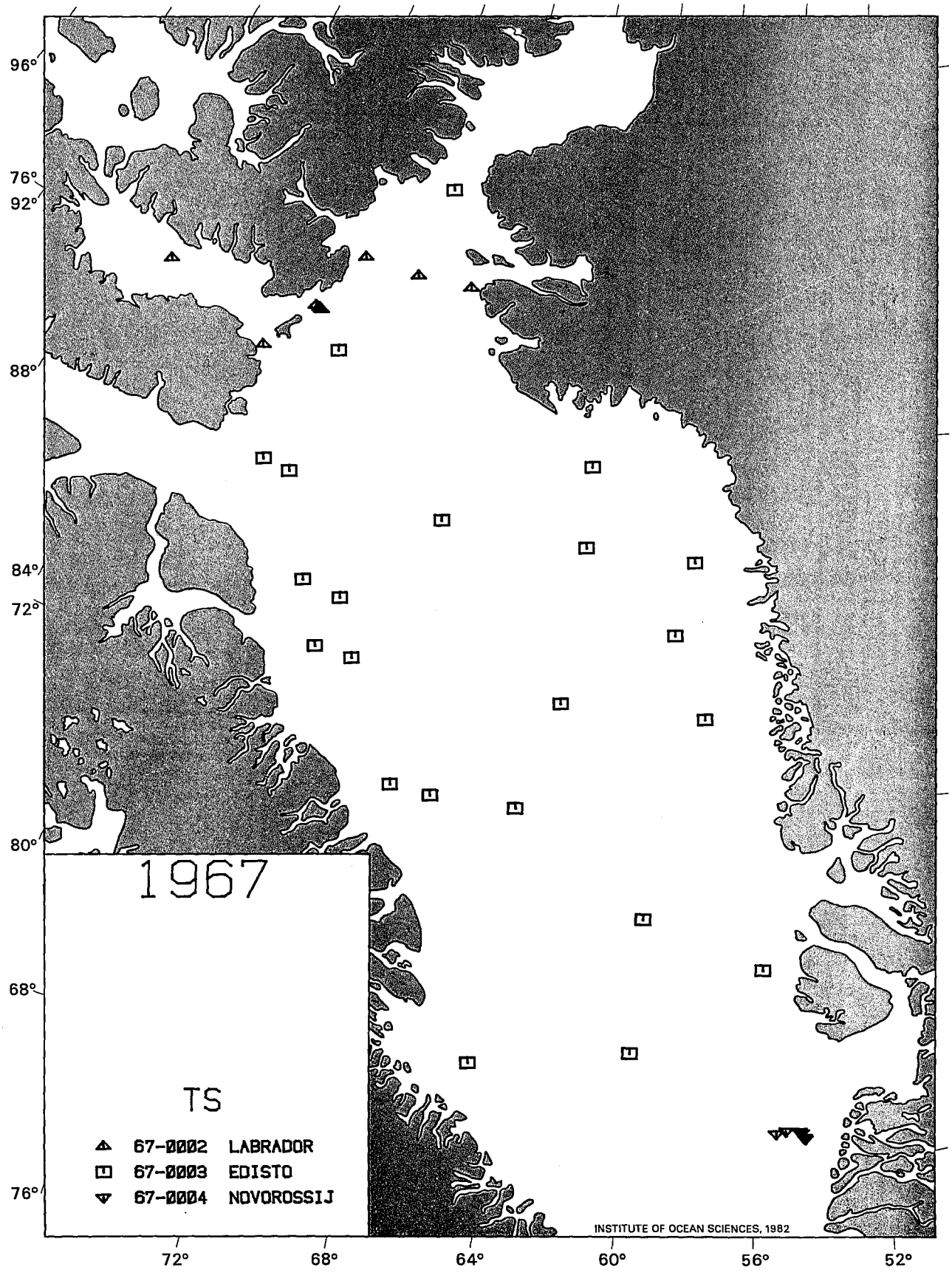
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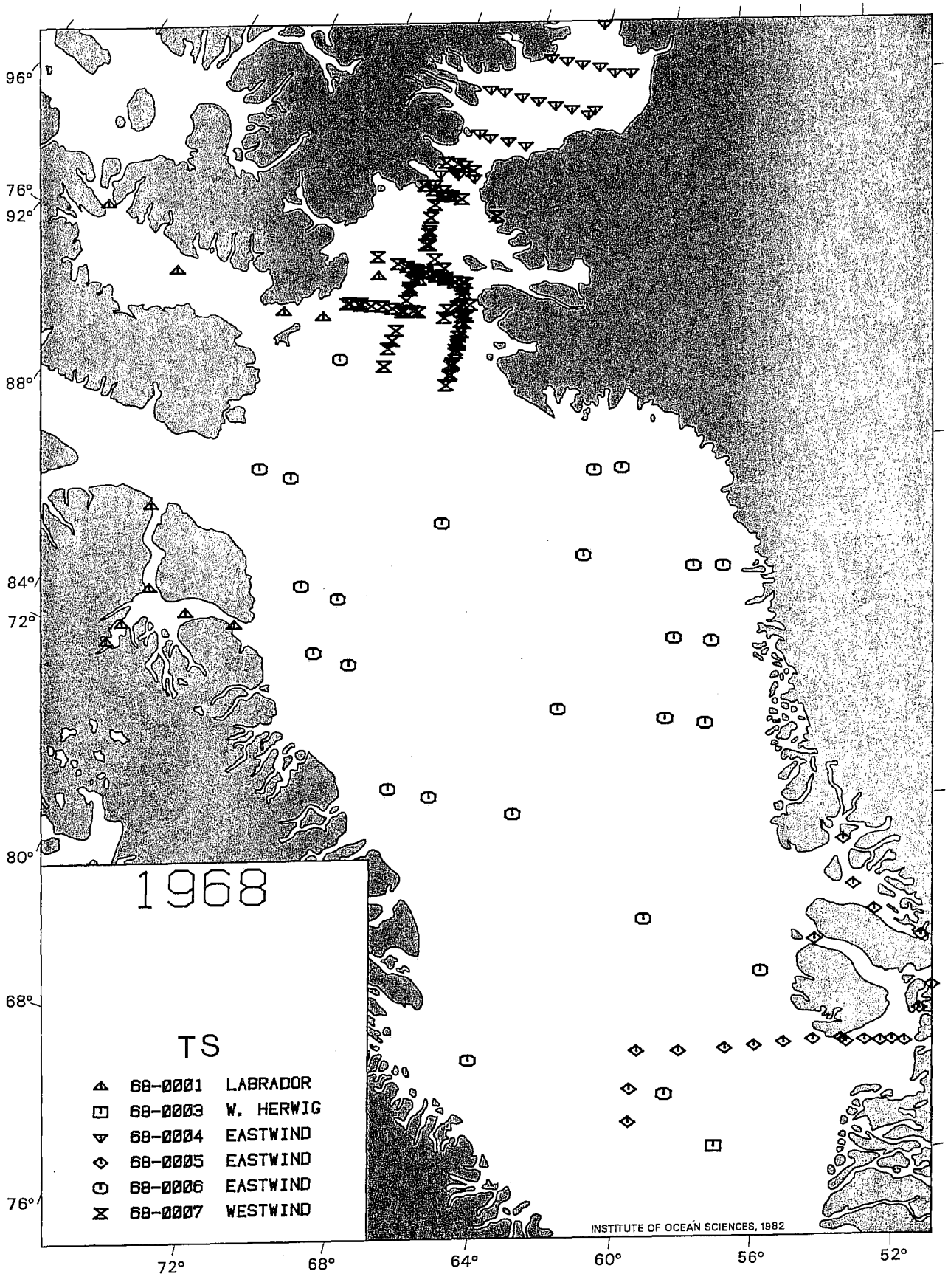
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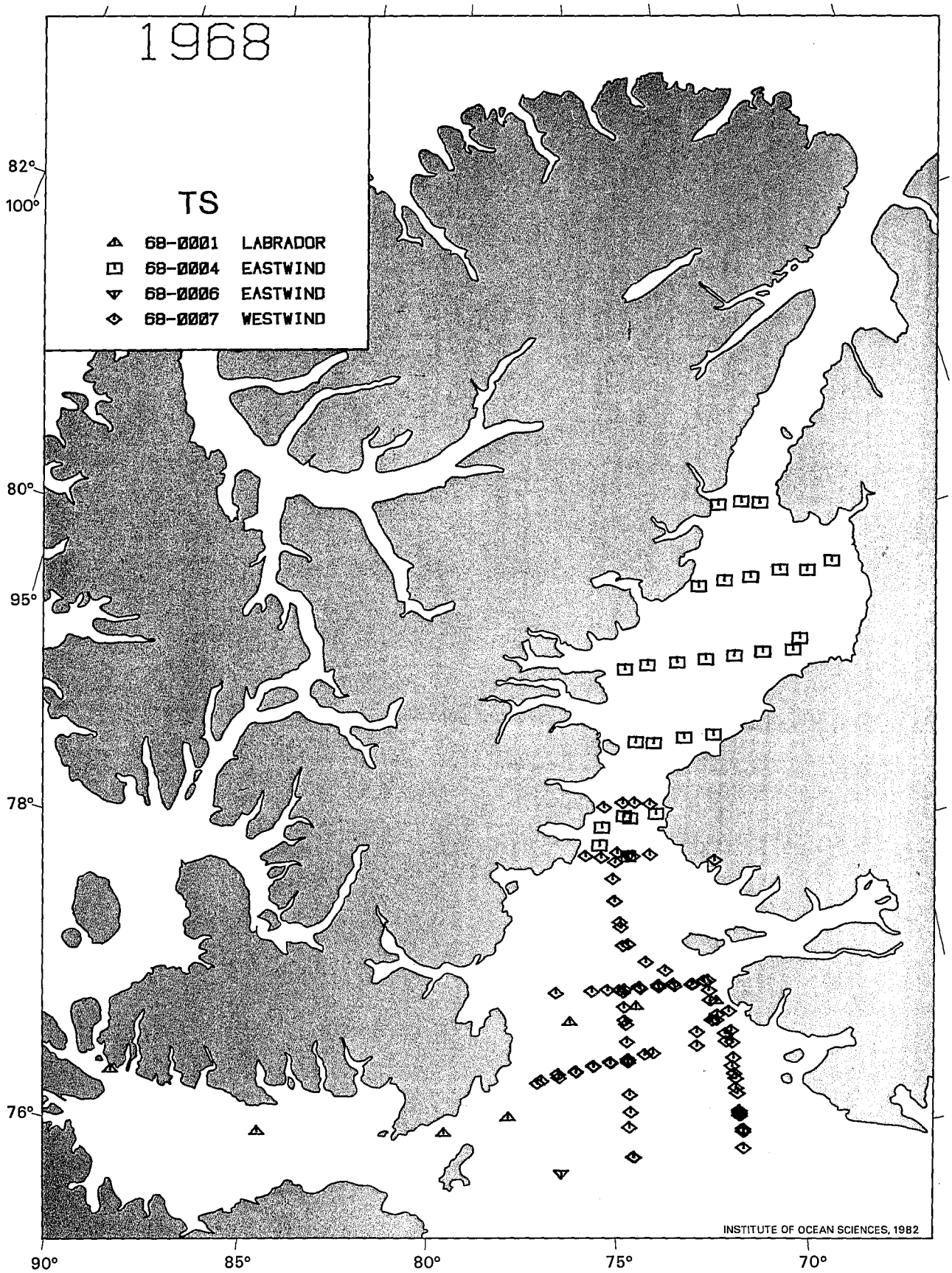
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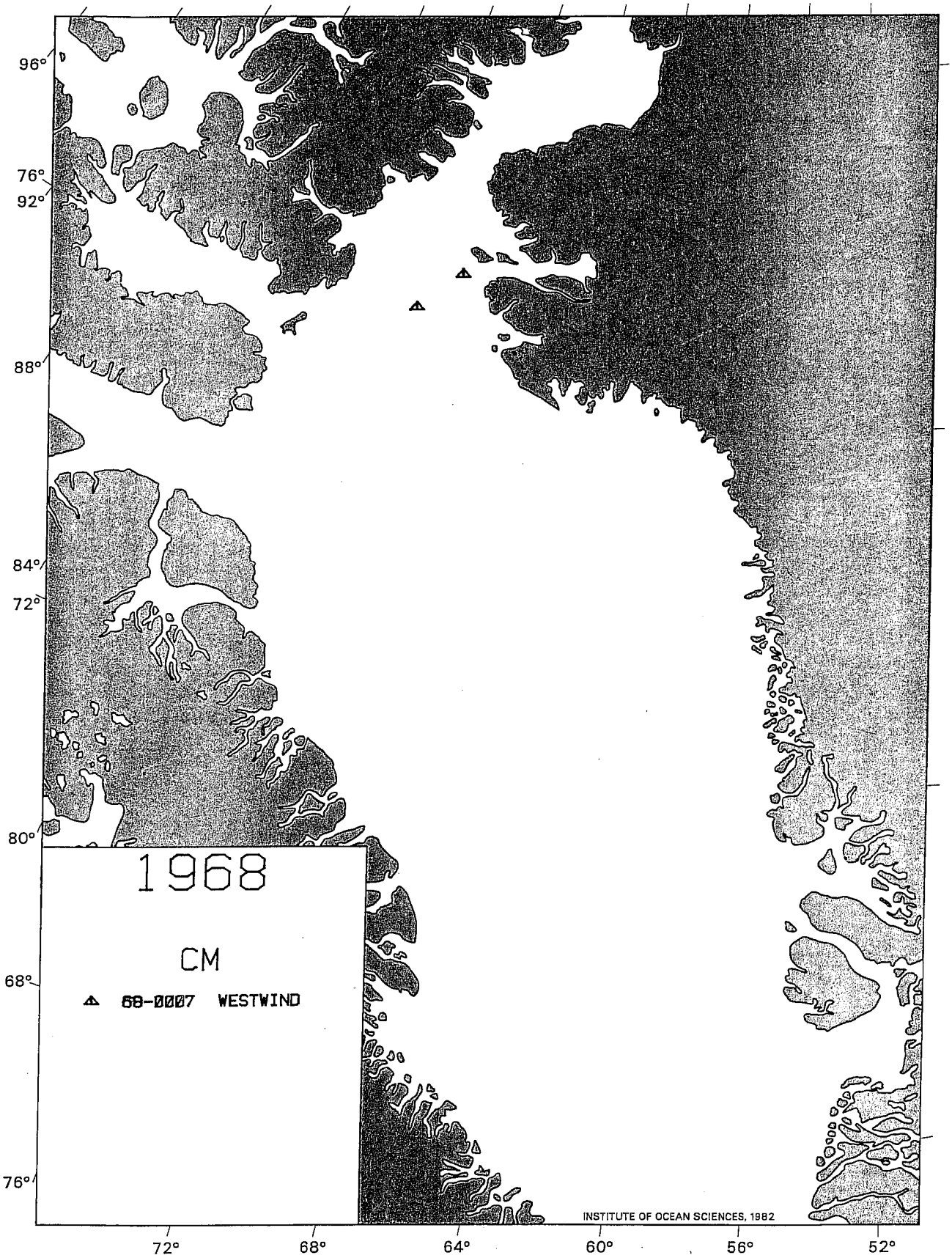
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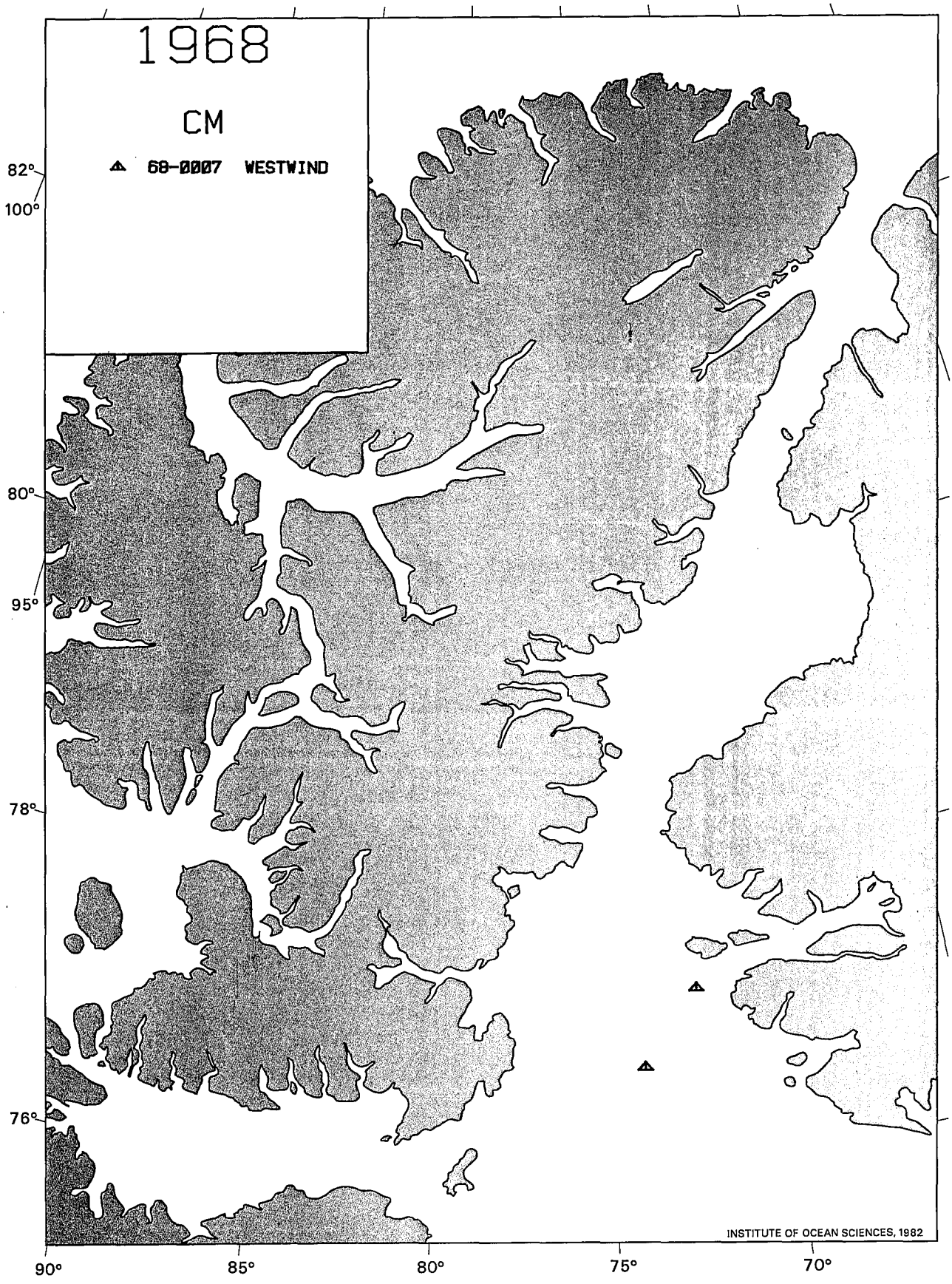
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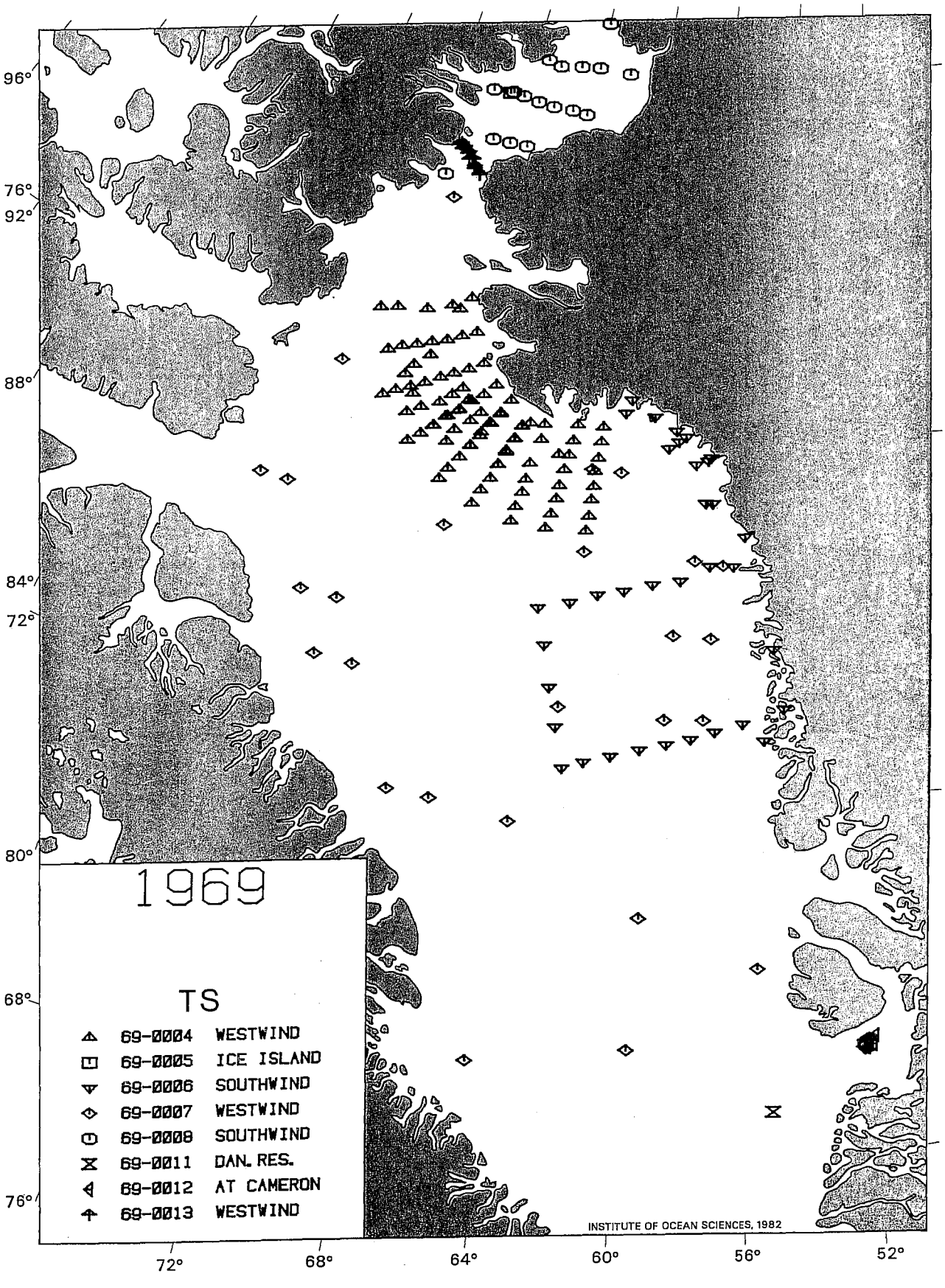
INSTITUTE OF OCEAN SCIENCES, 1982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1969
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69-0005 ICE ISLAND
69-0006 SOUTHWIND
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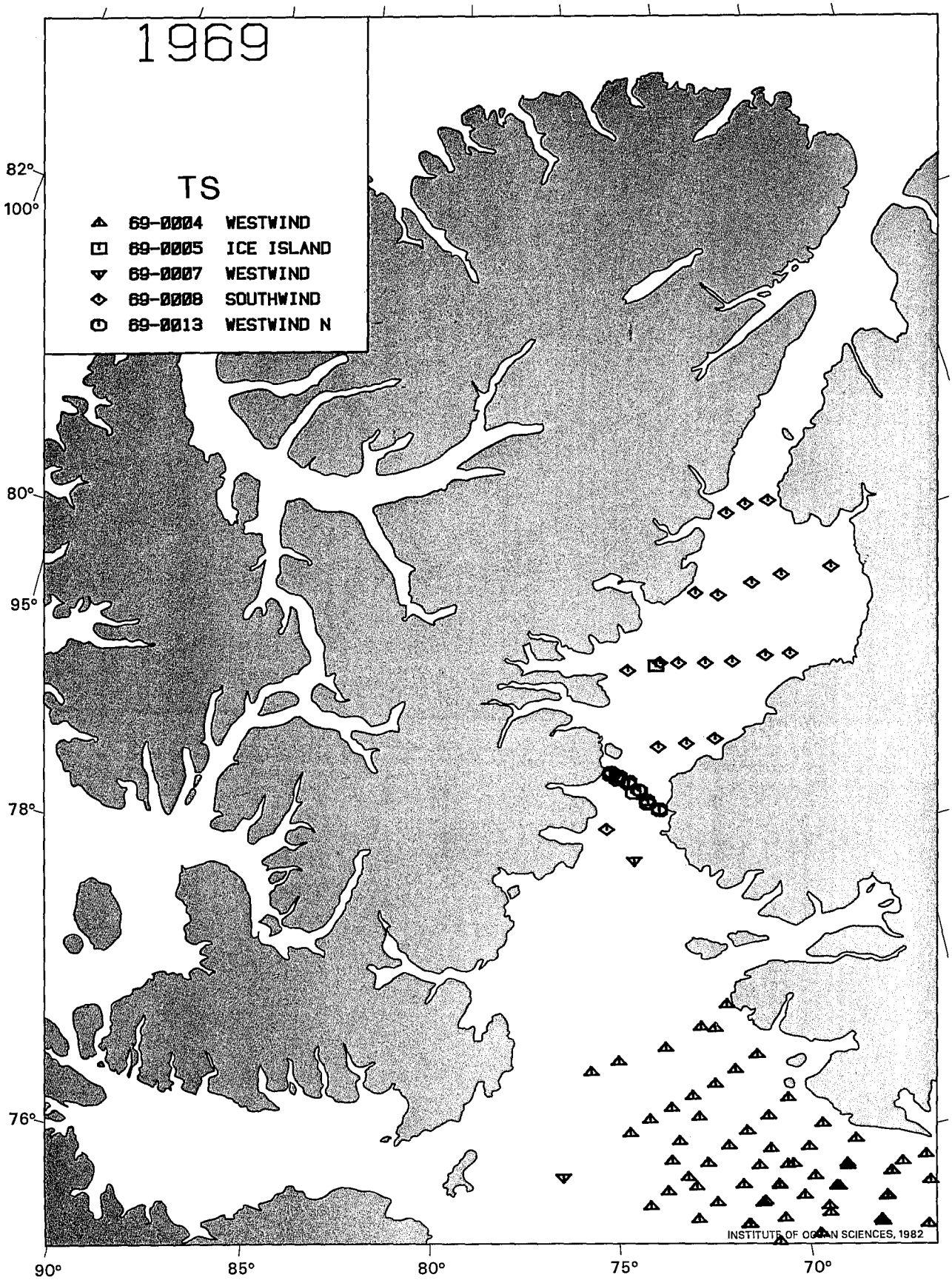
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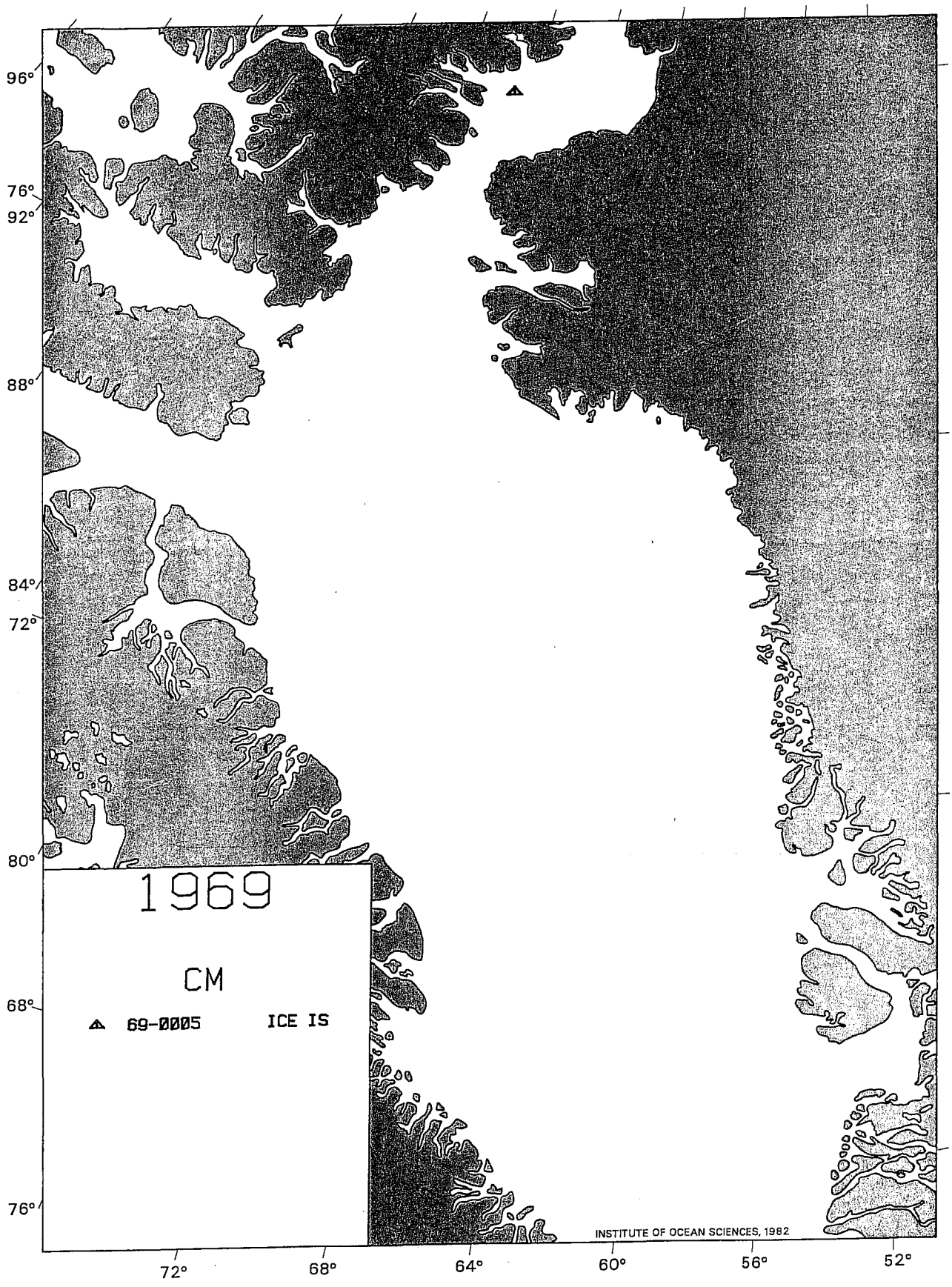
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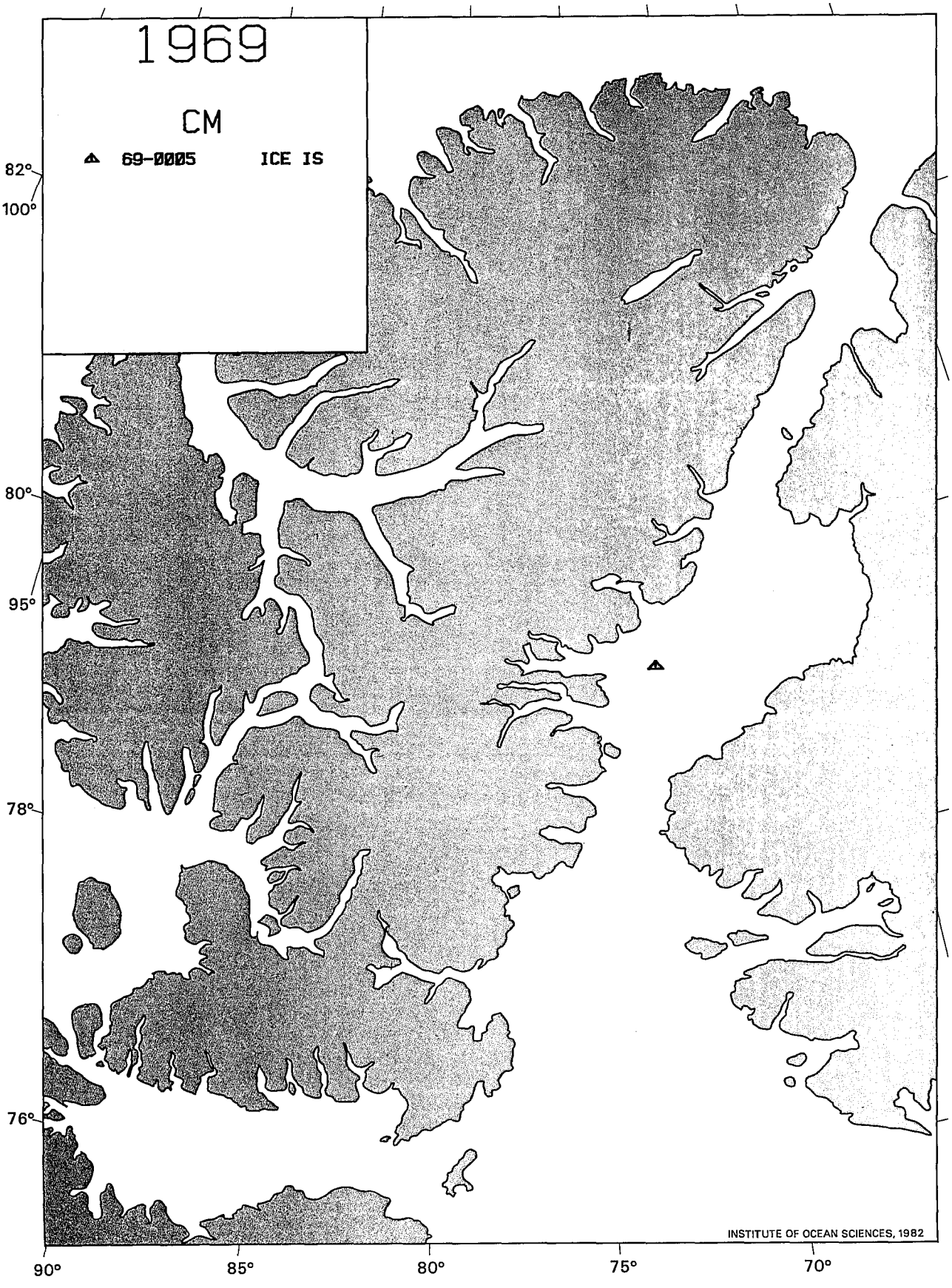
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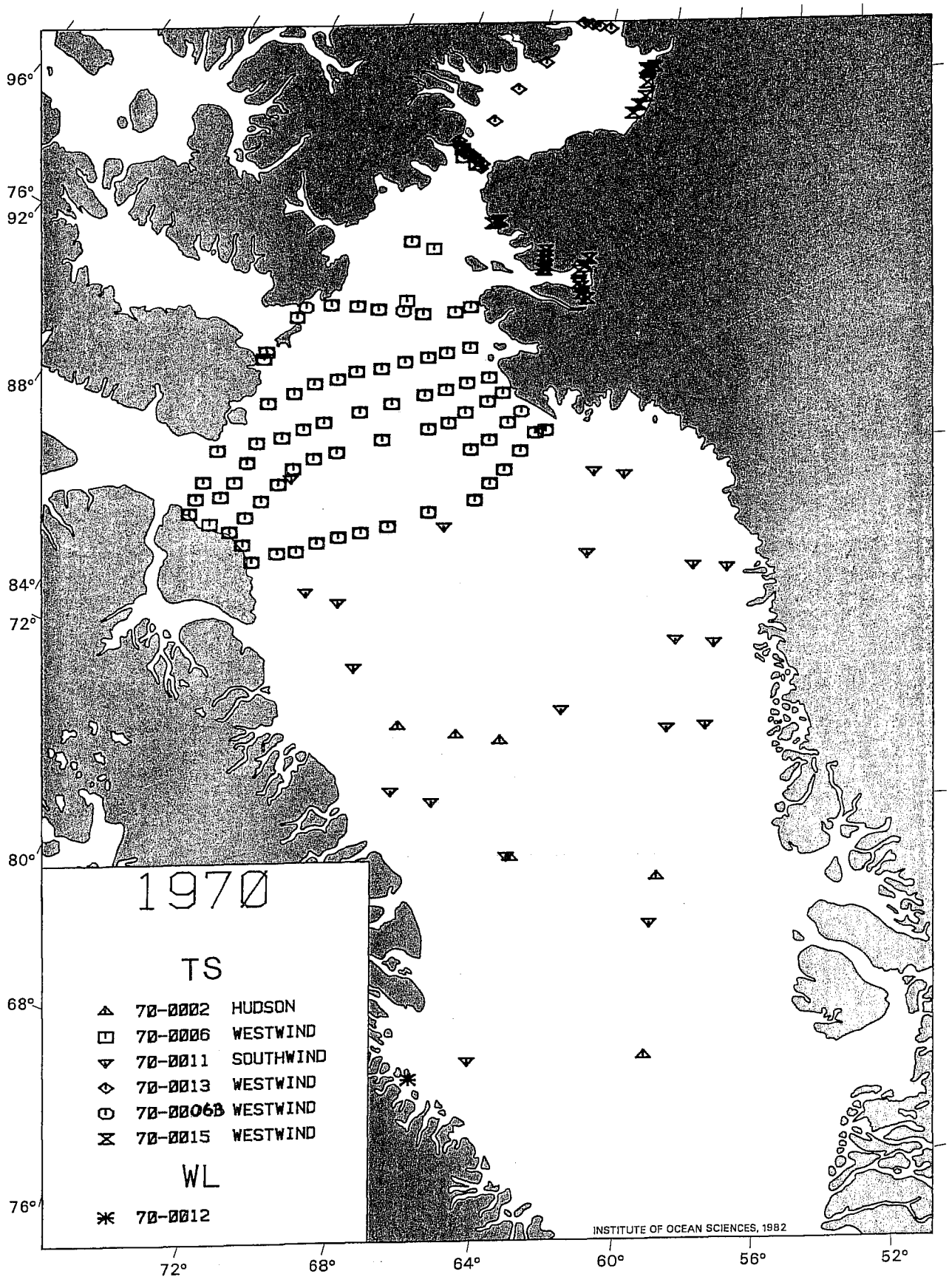
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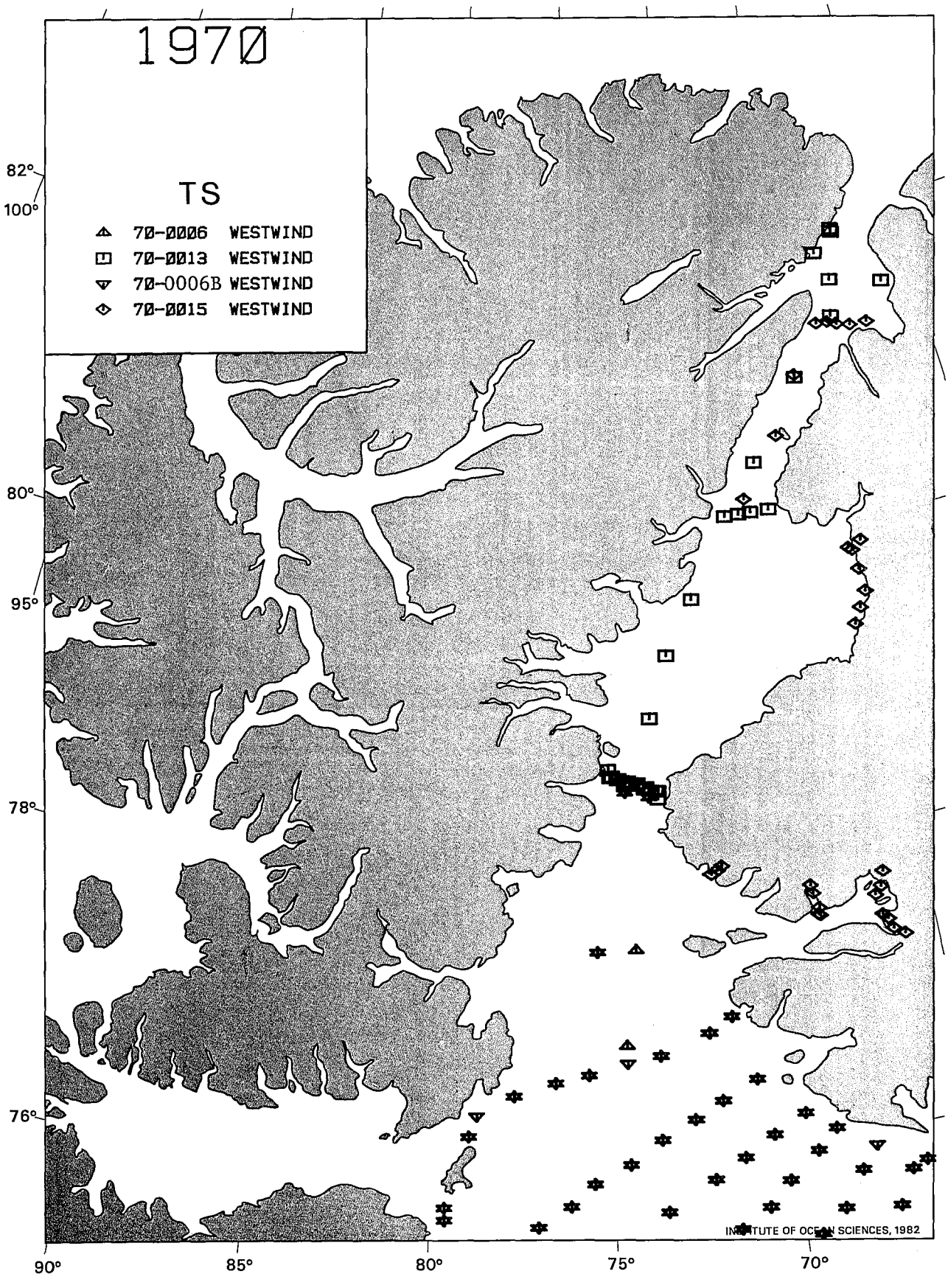
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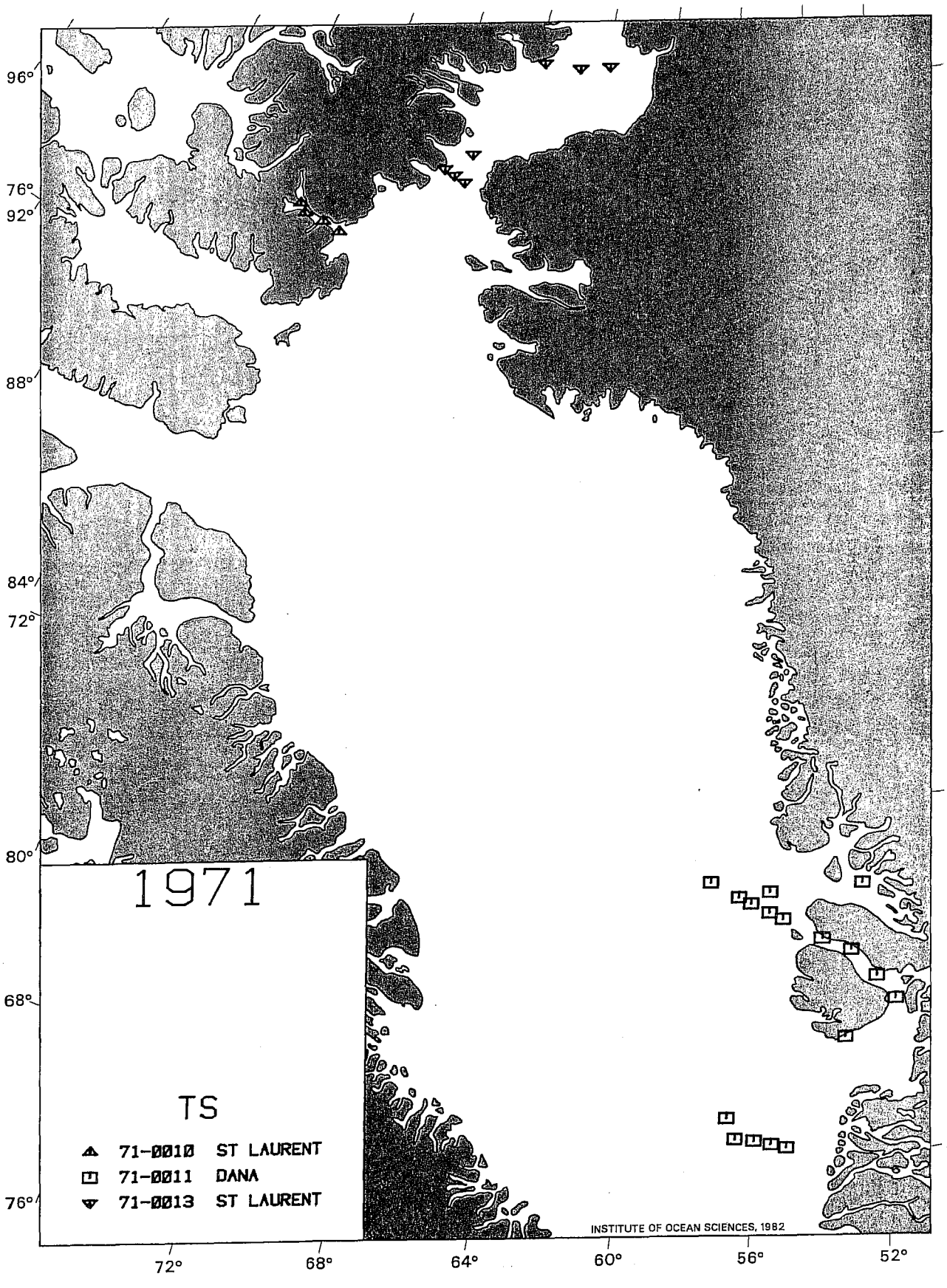
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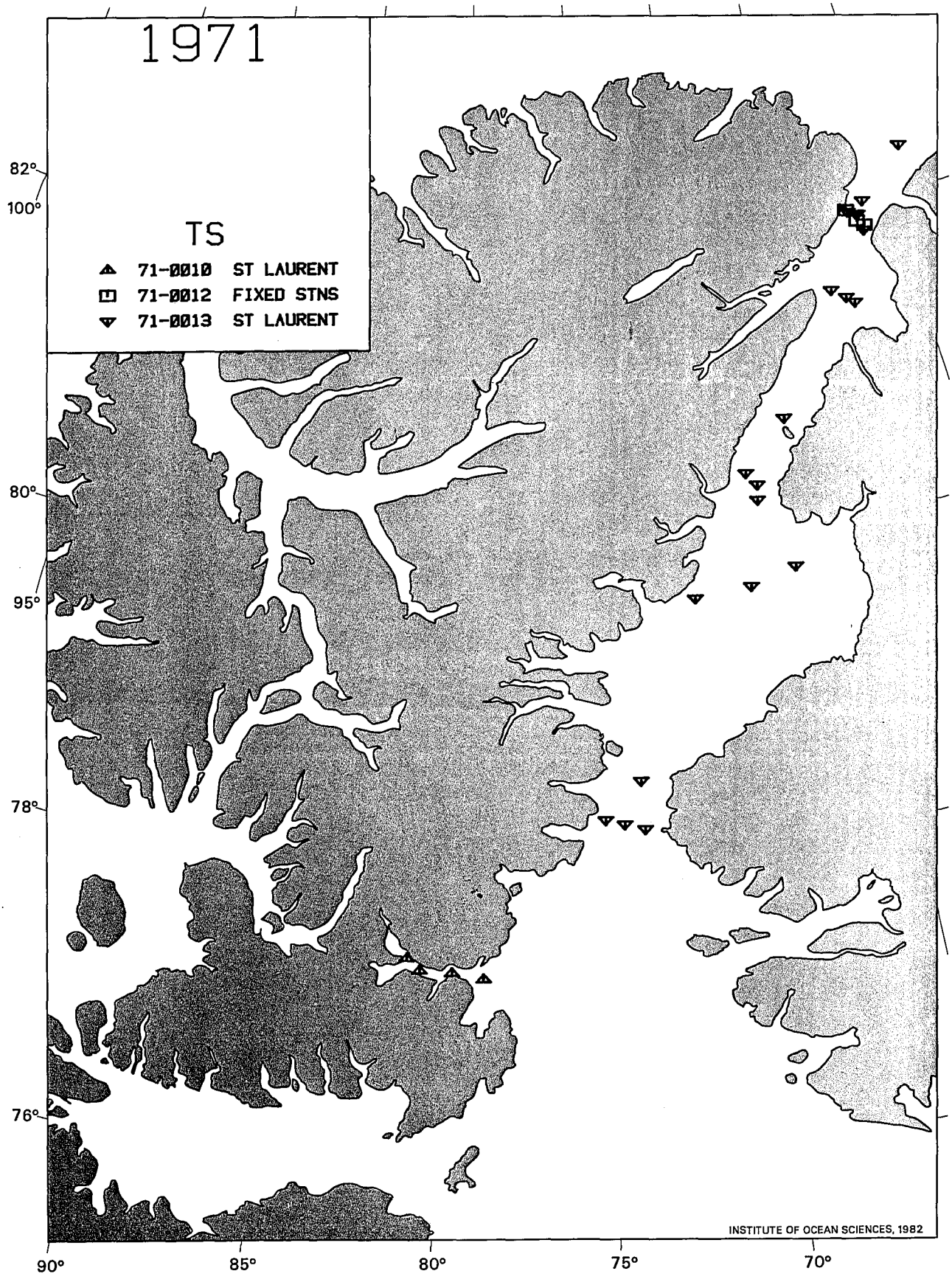
INSTITUTE OF OCEAN SCIENCES, 1982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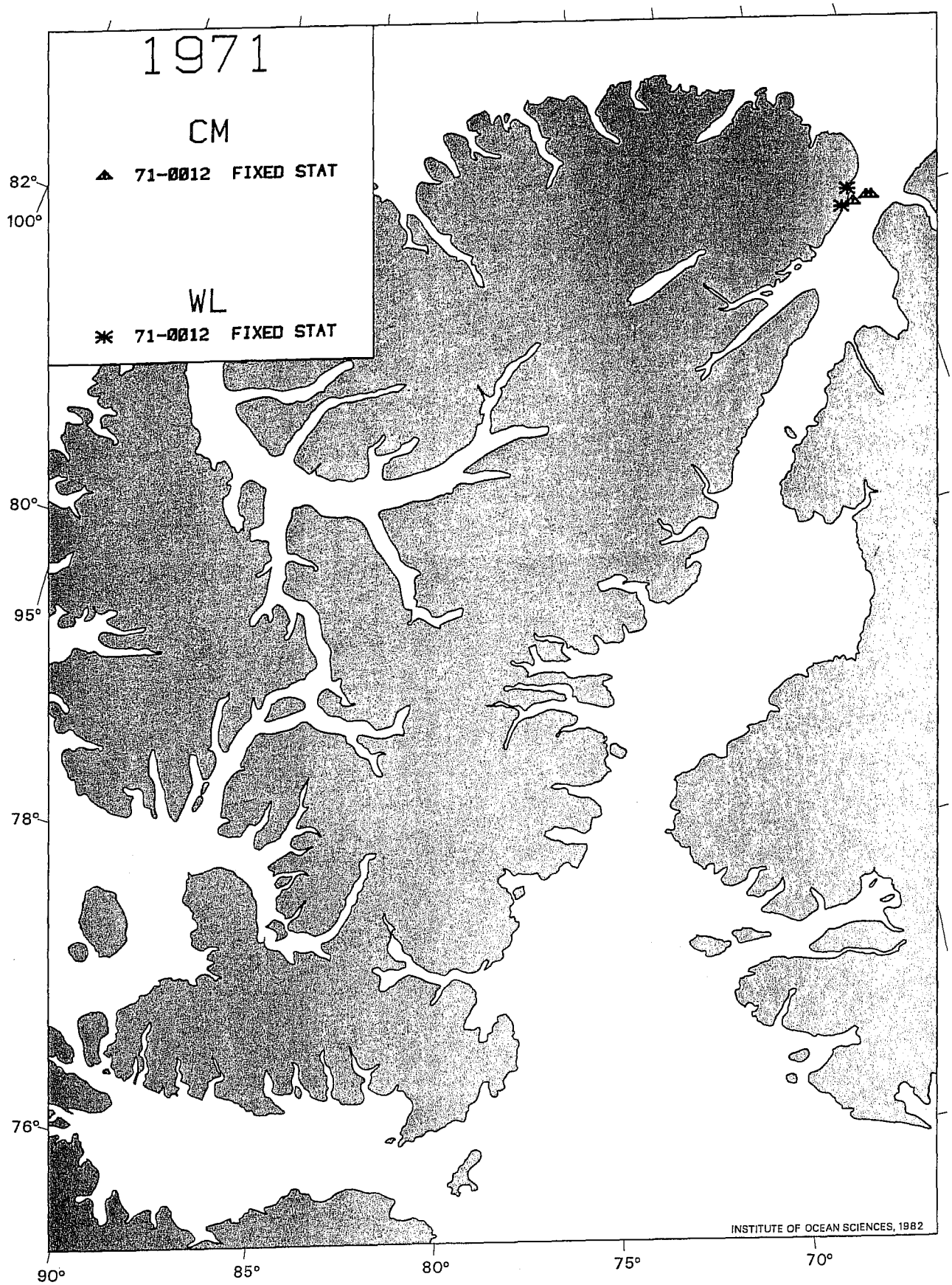
1971
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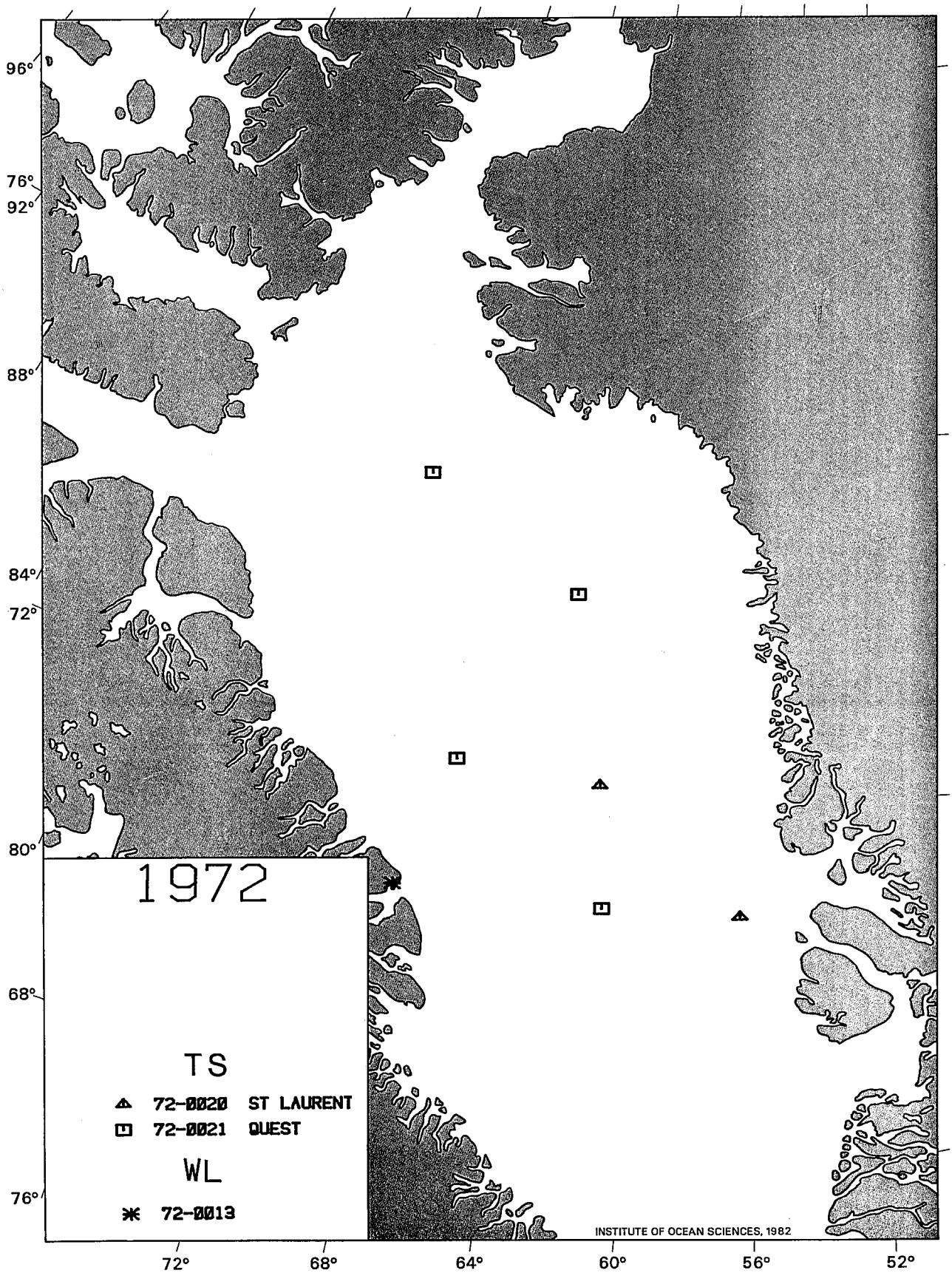
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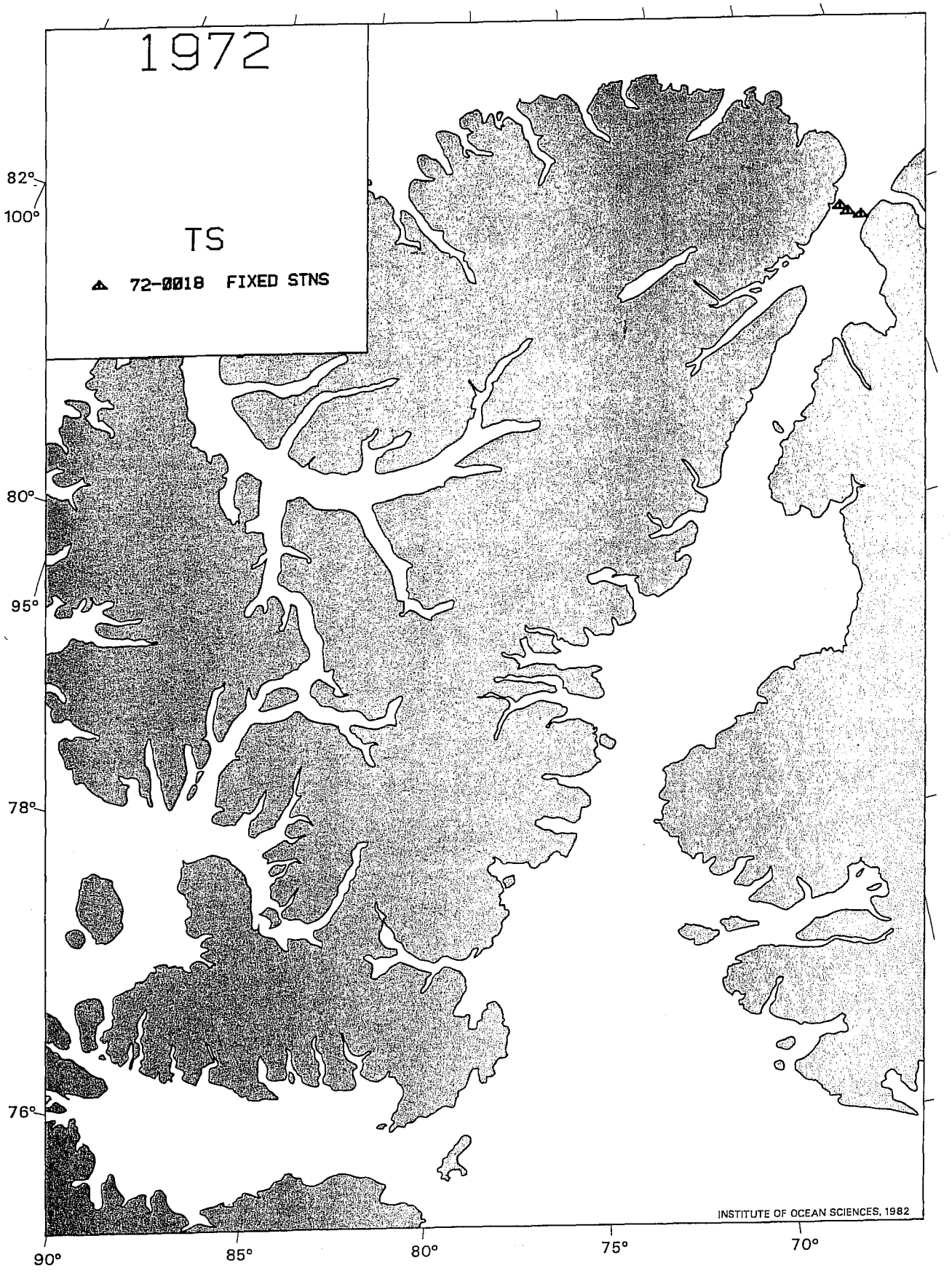
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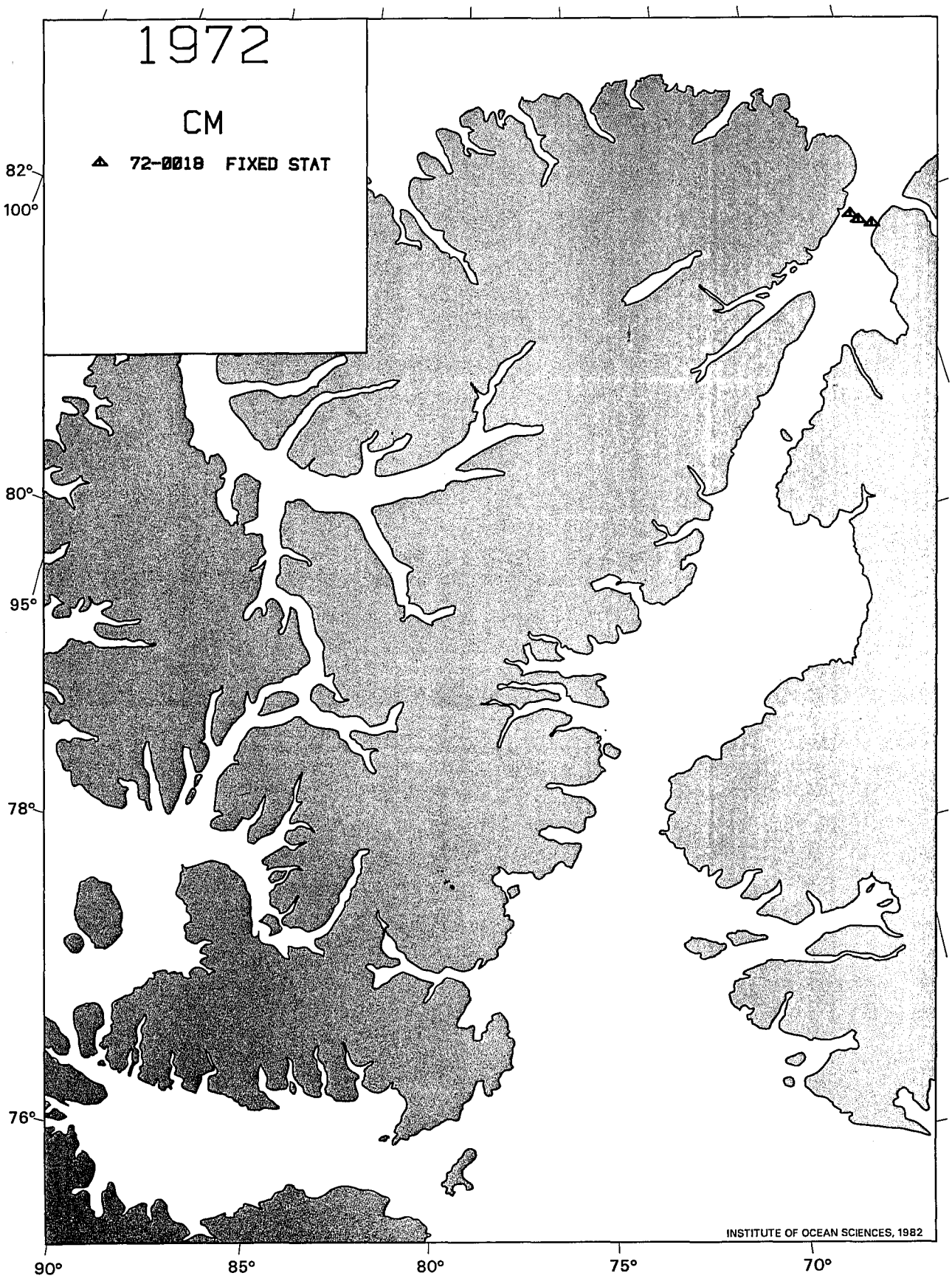
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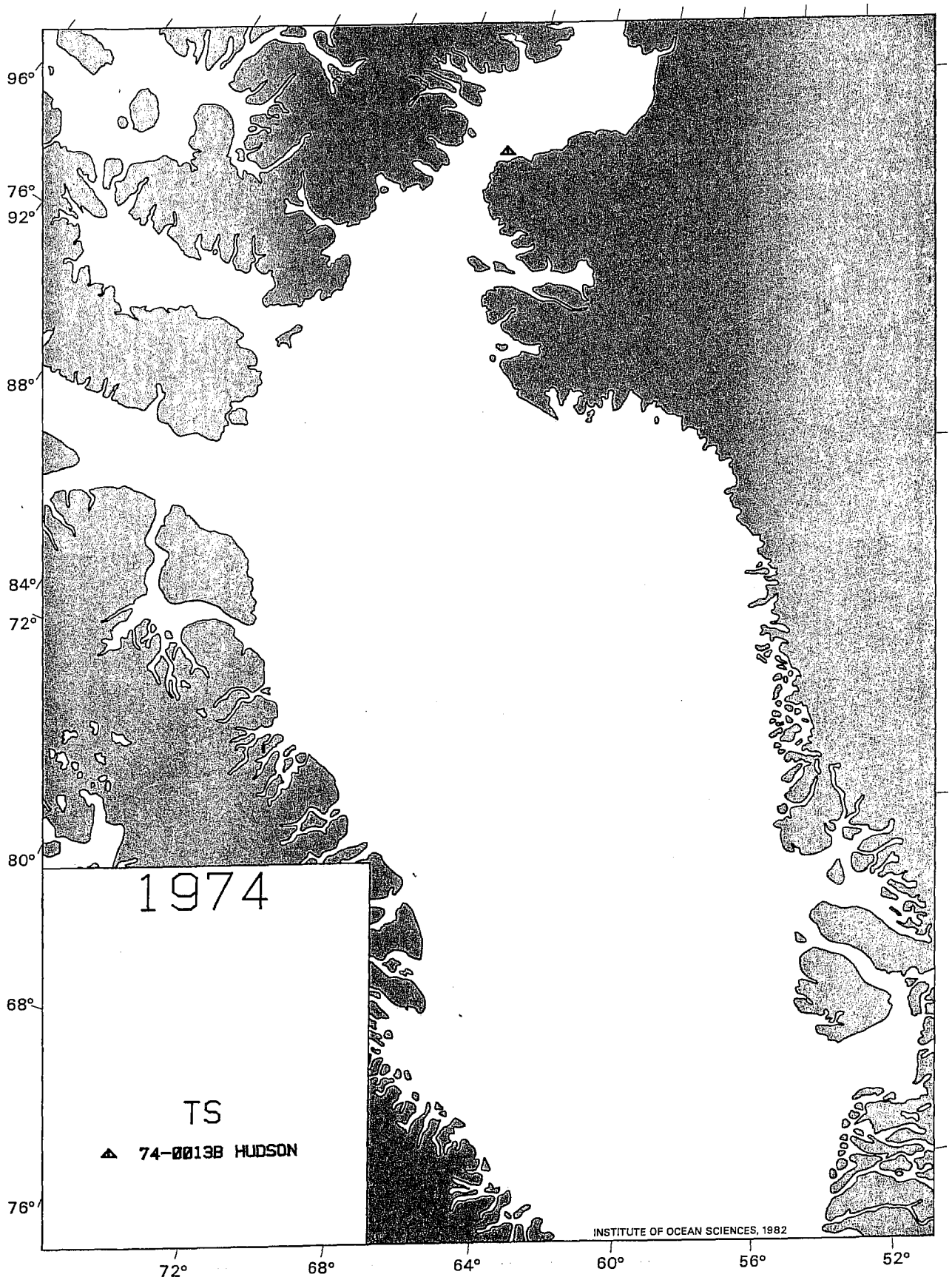
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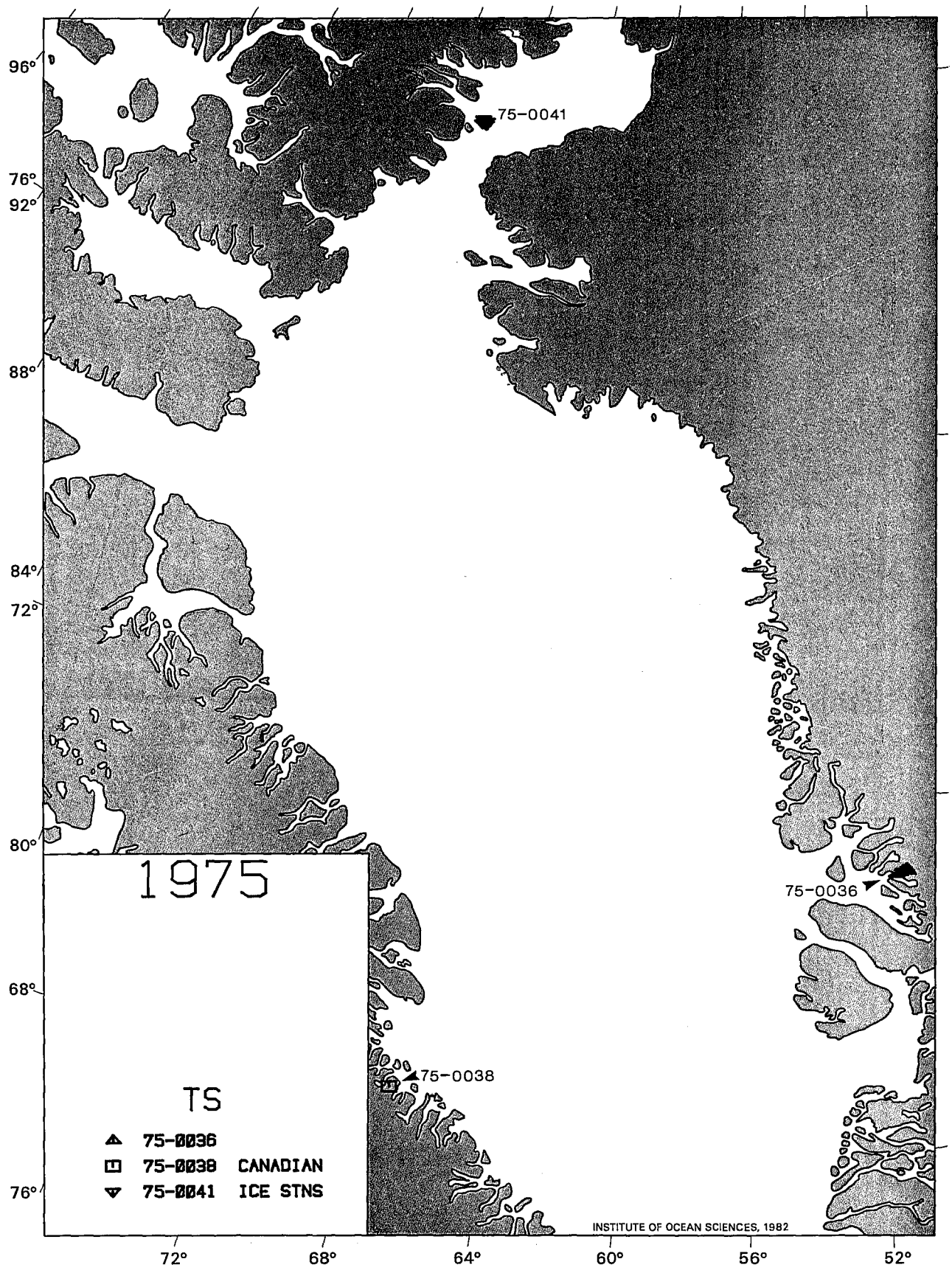
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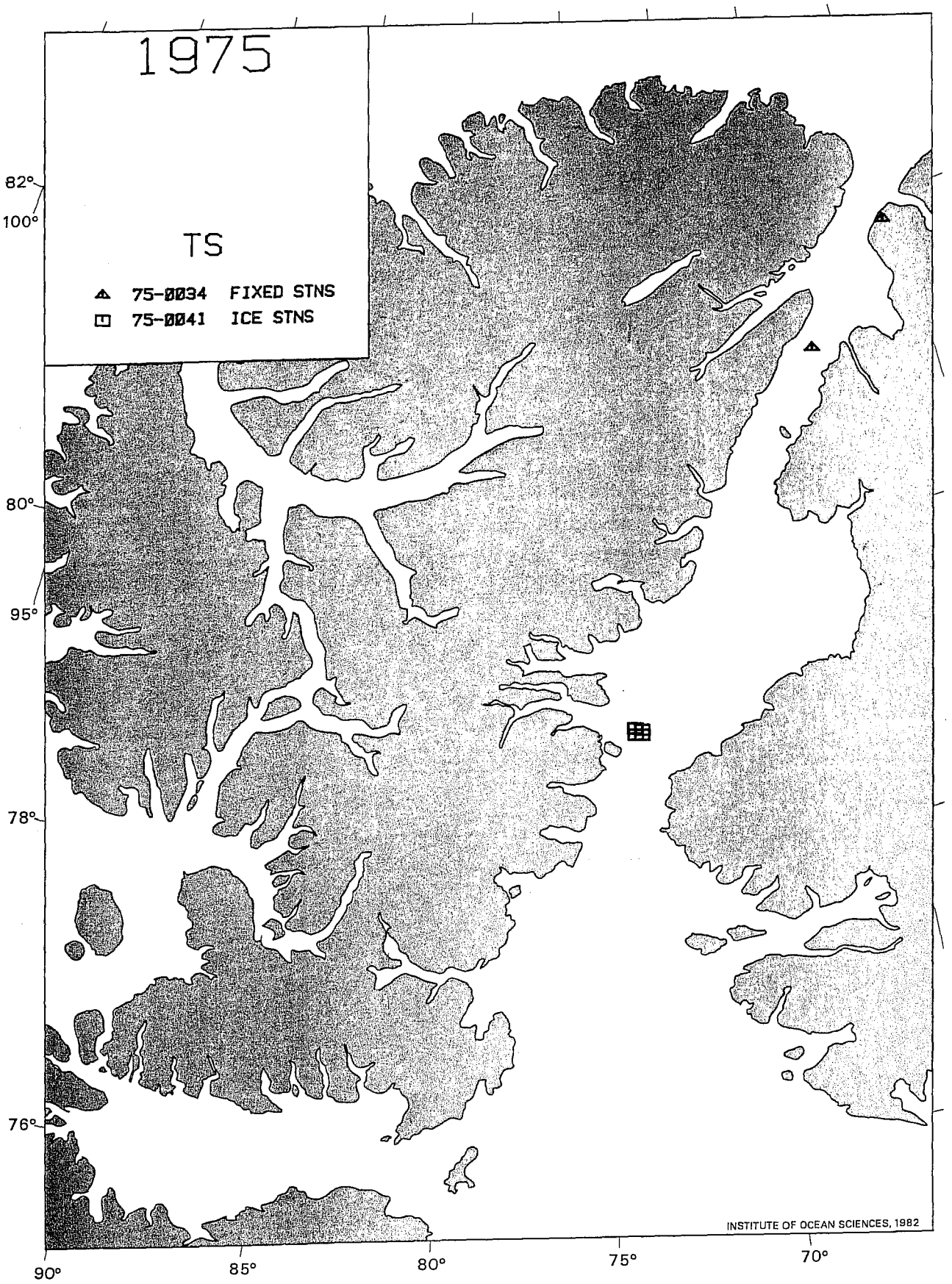
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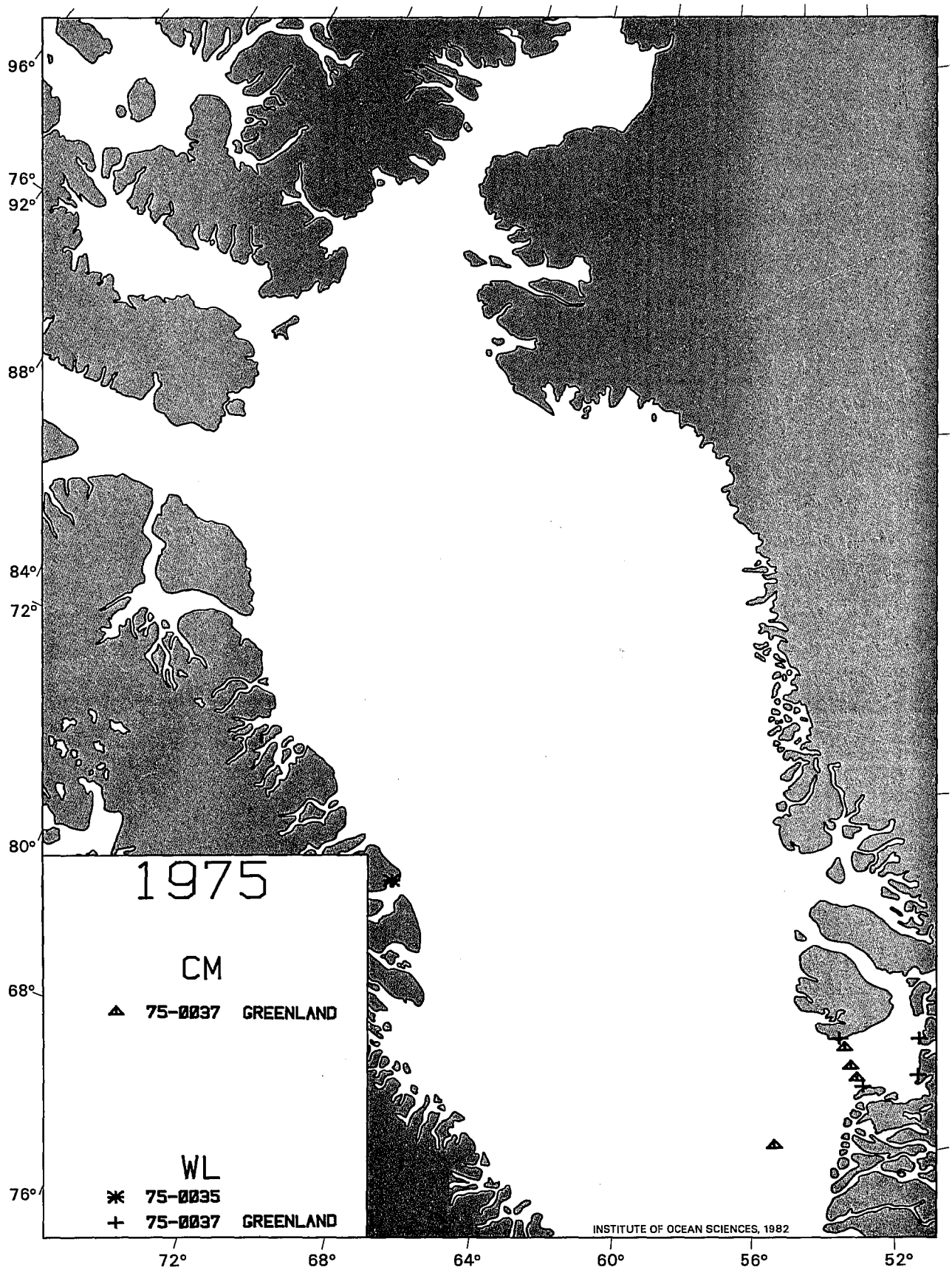
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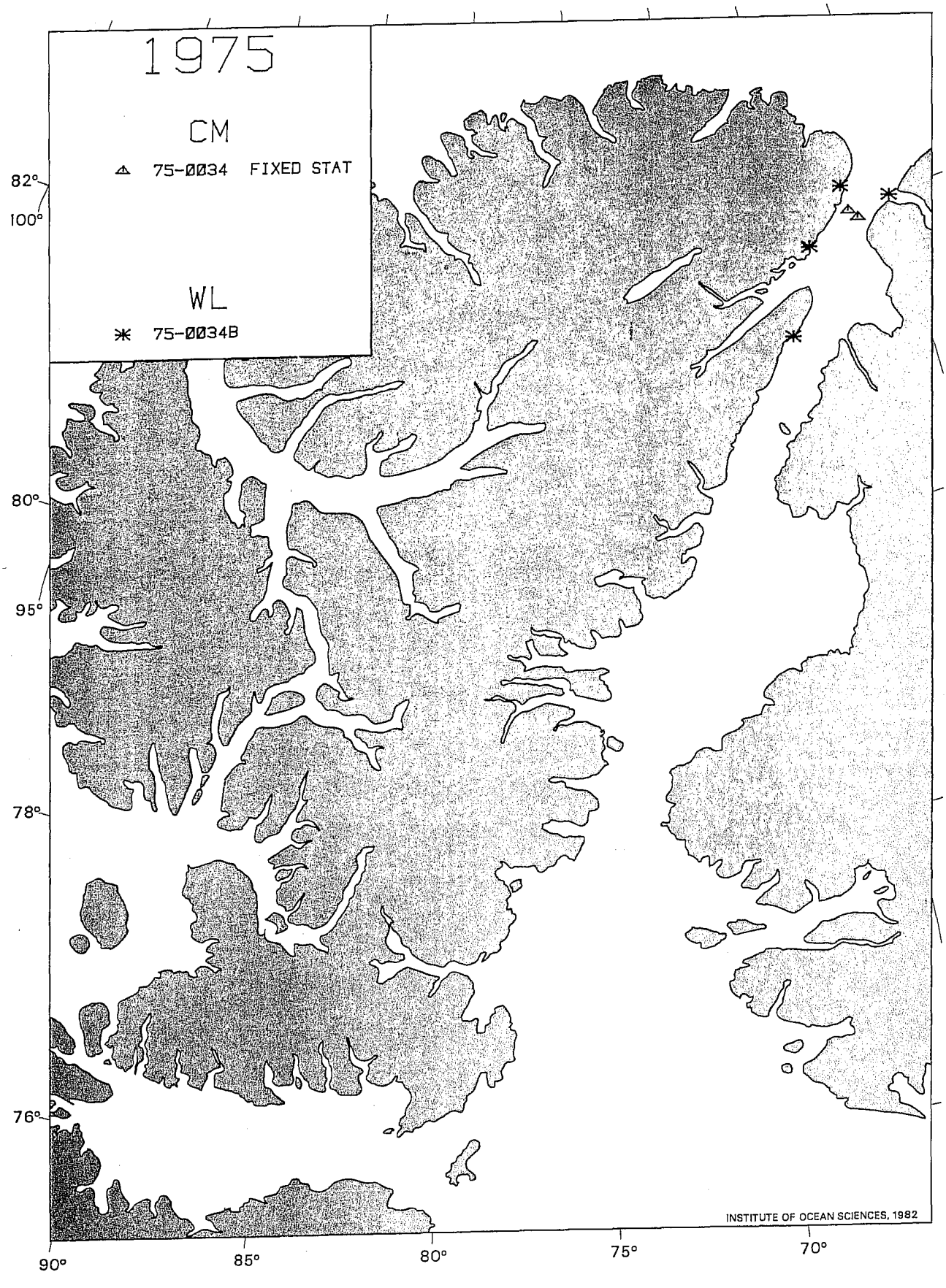
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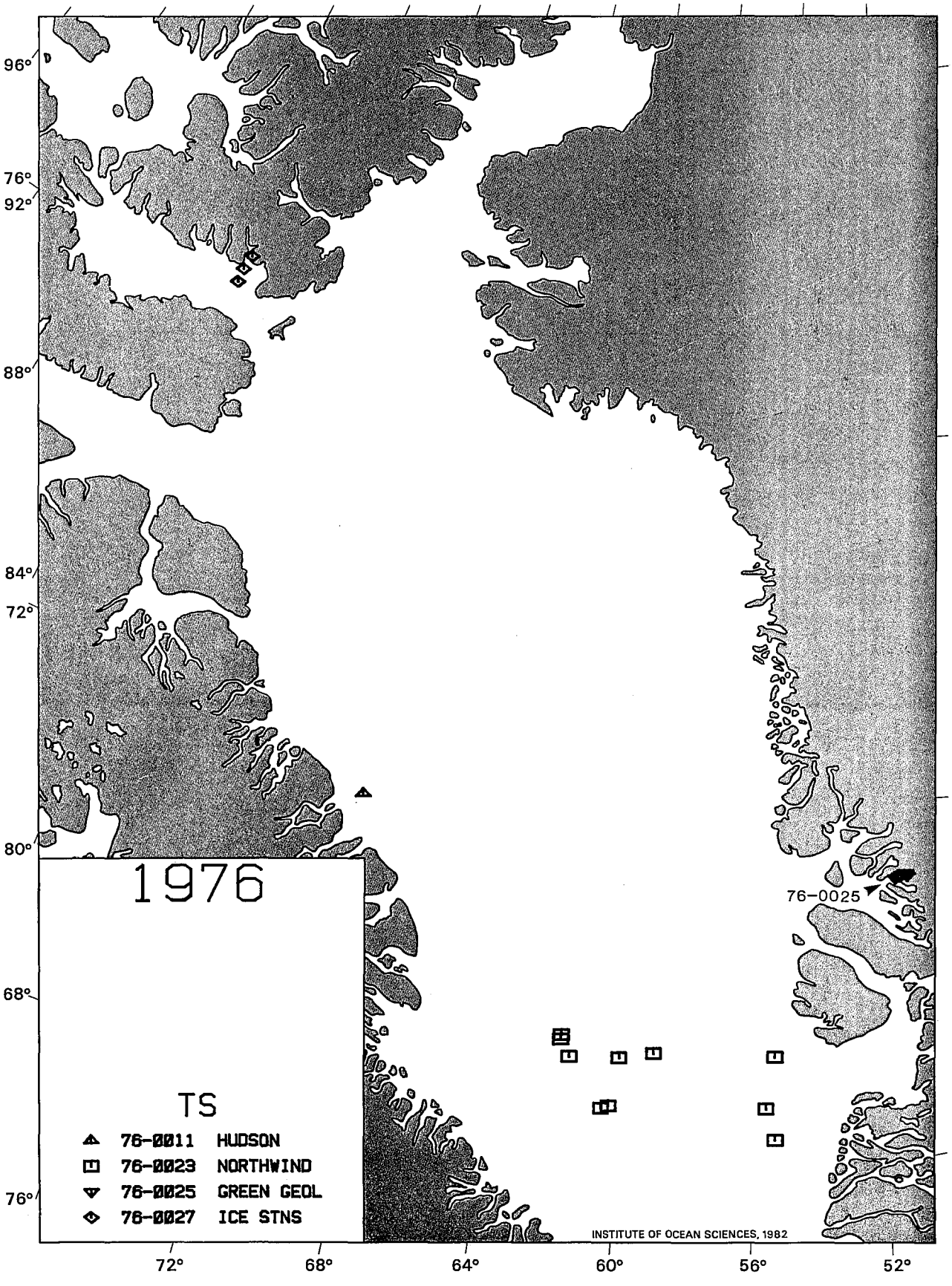
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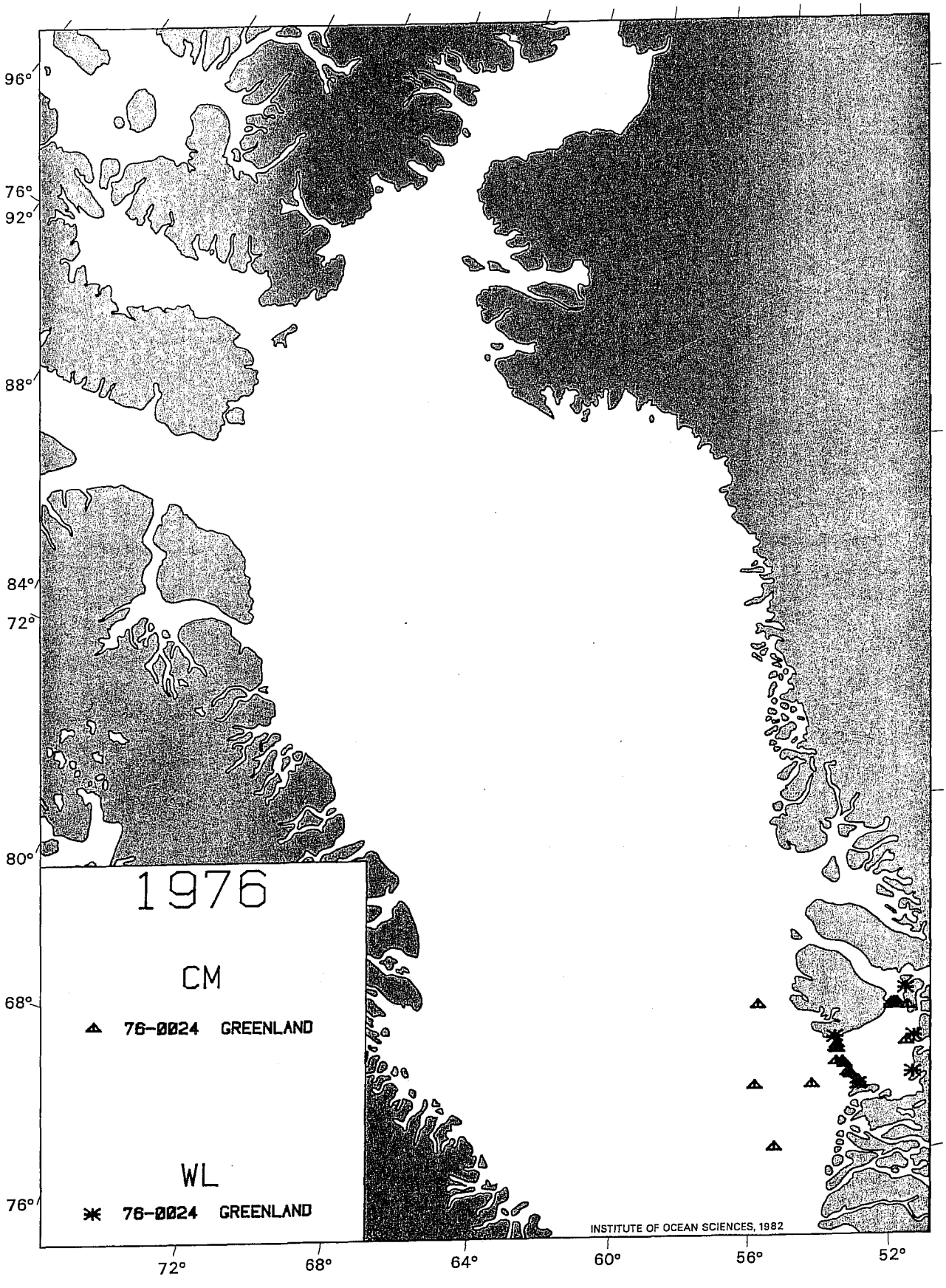
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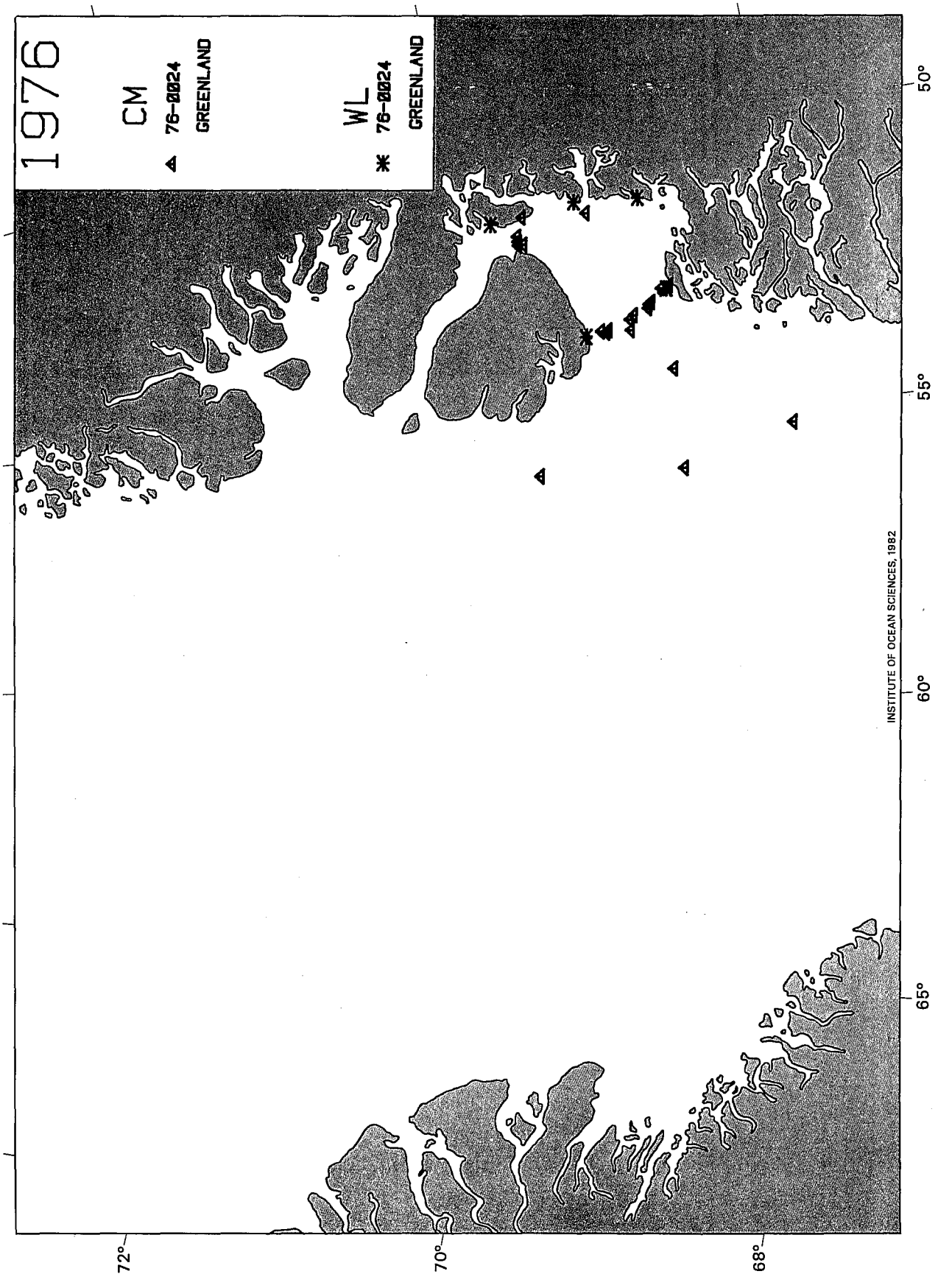
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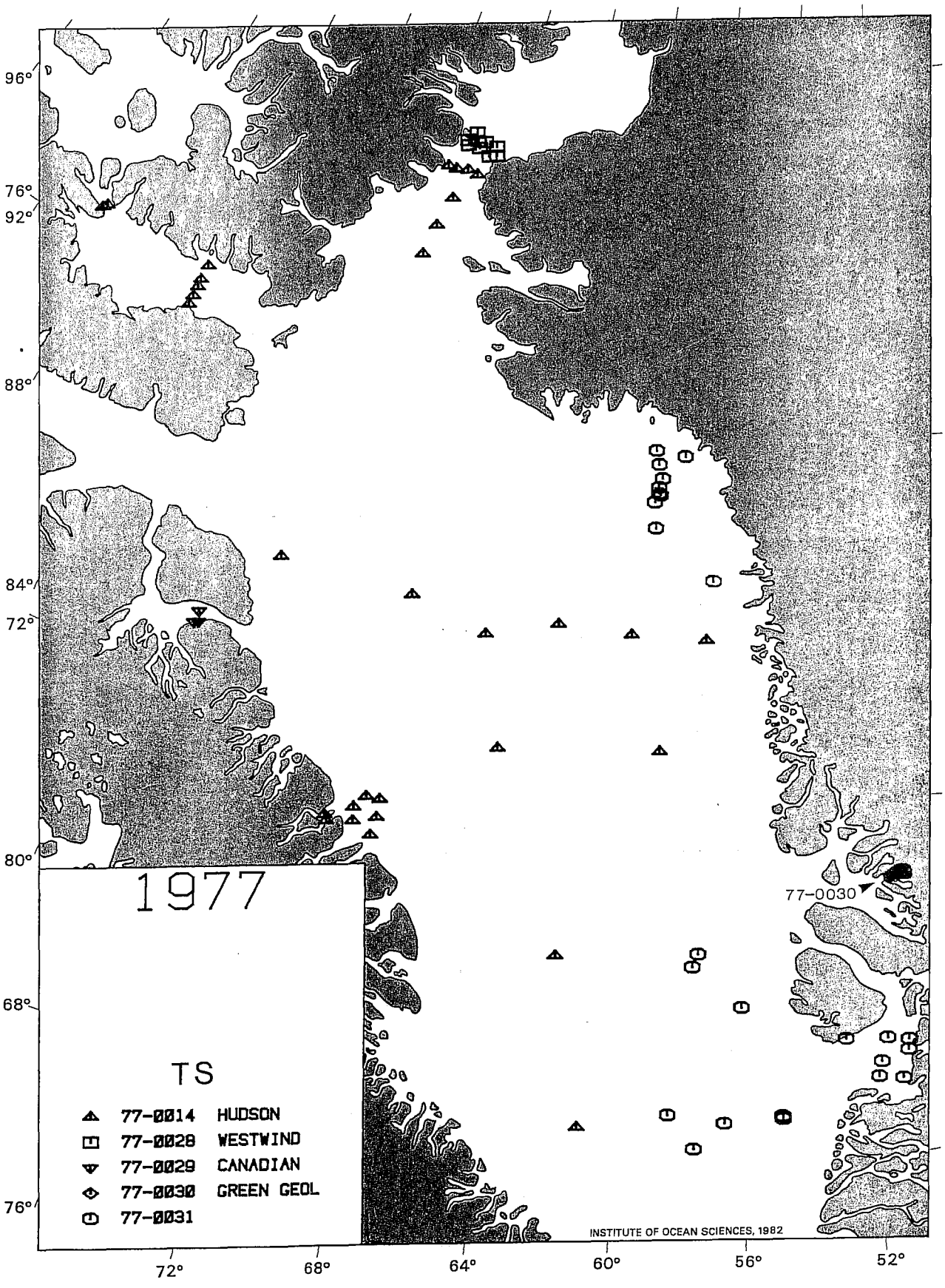
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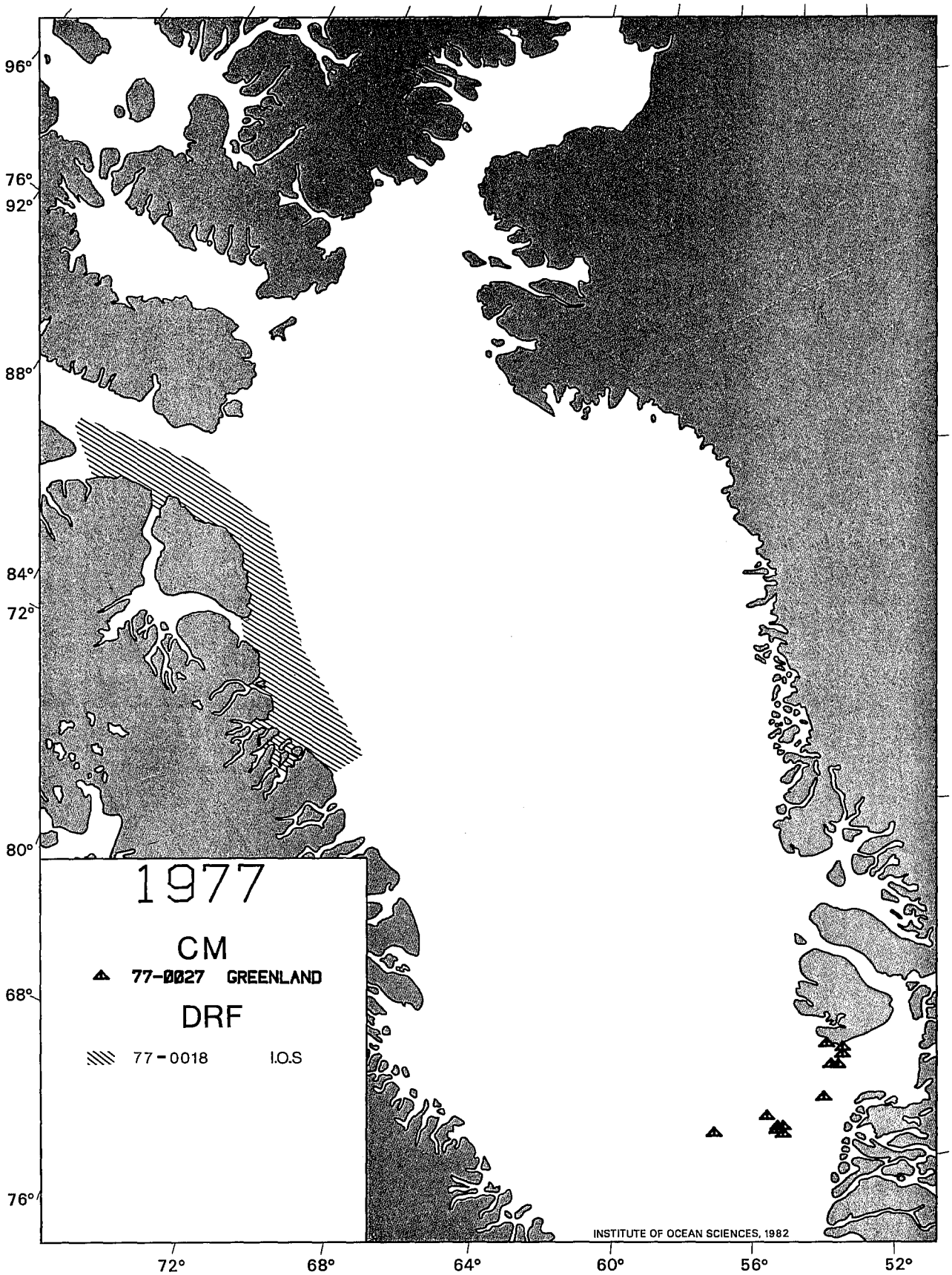
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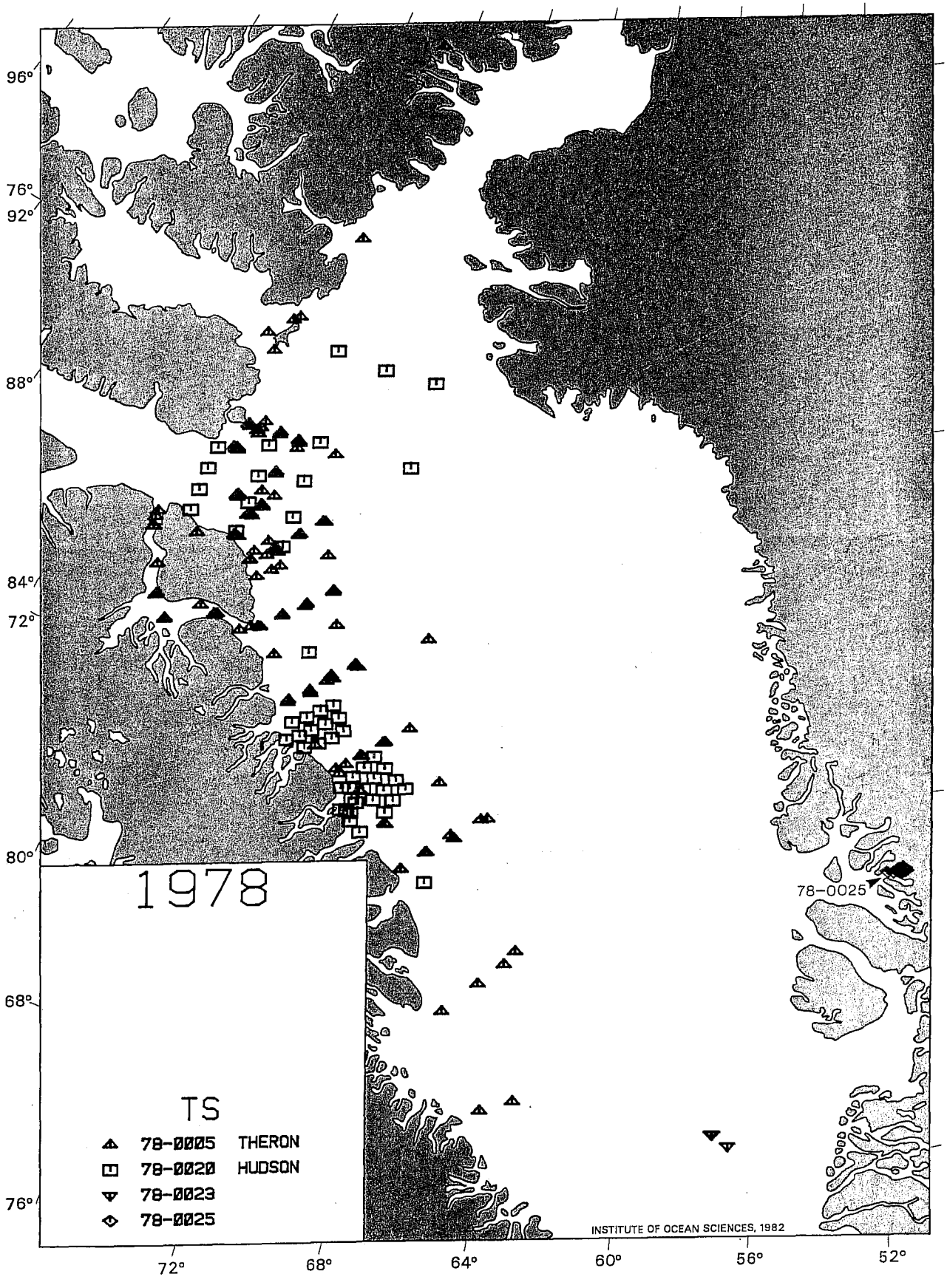
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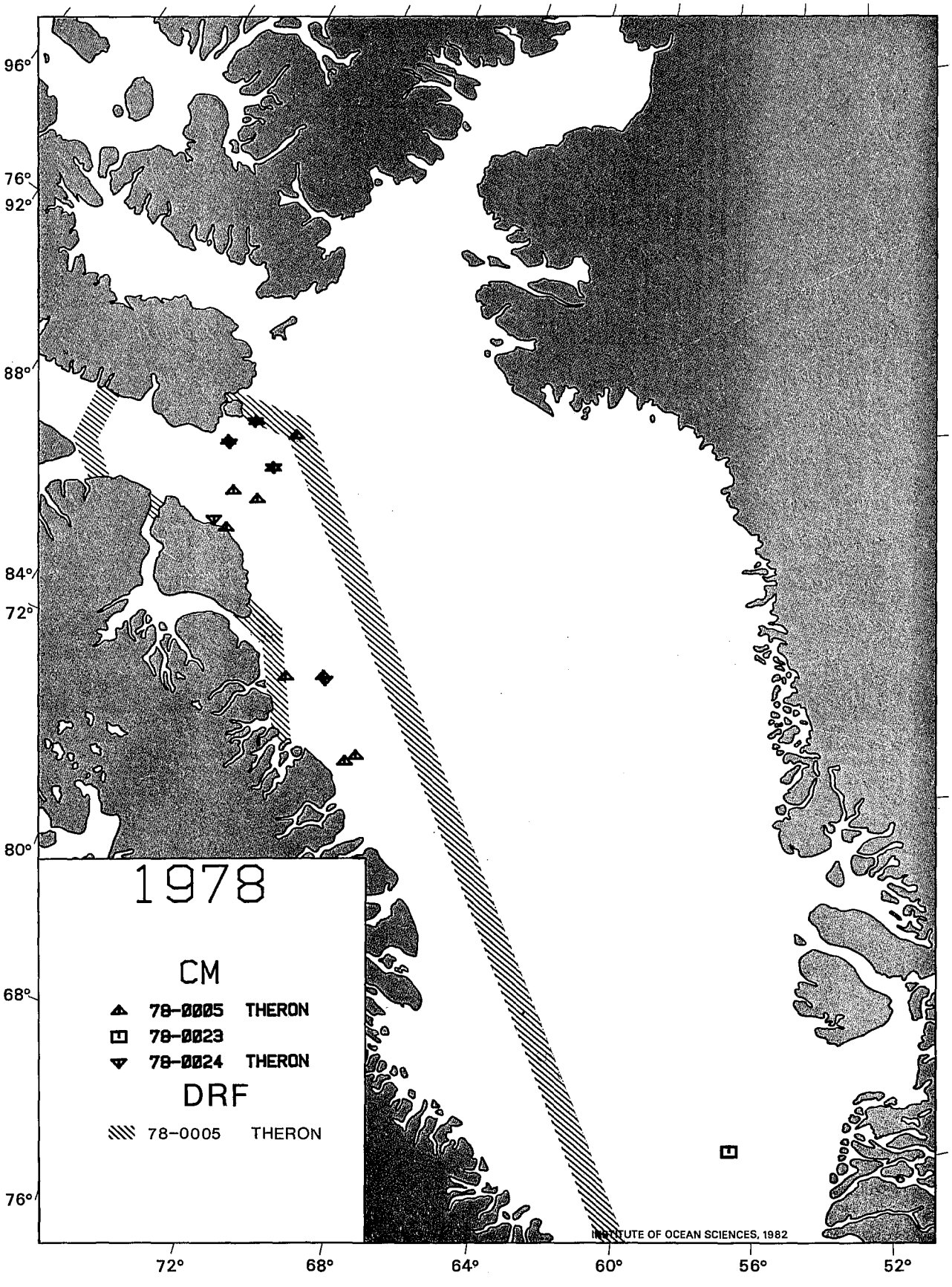
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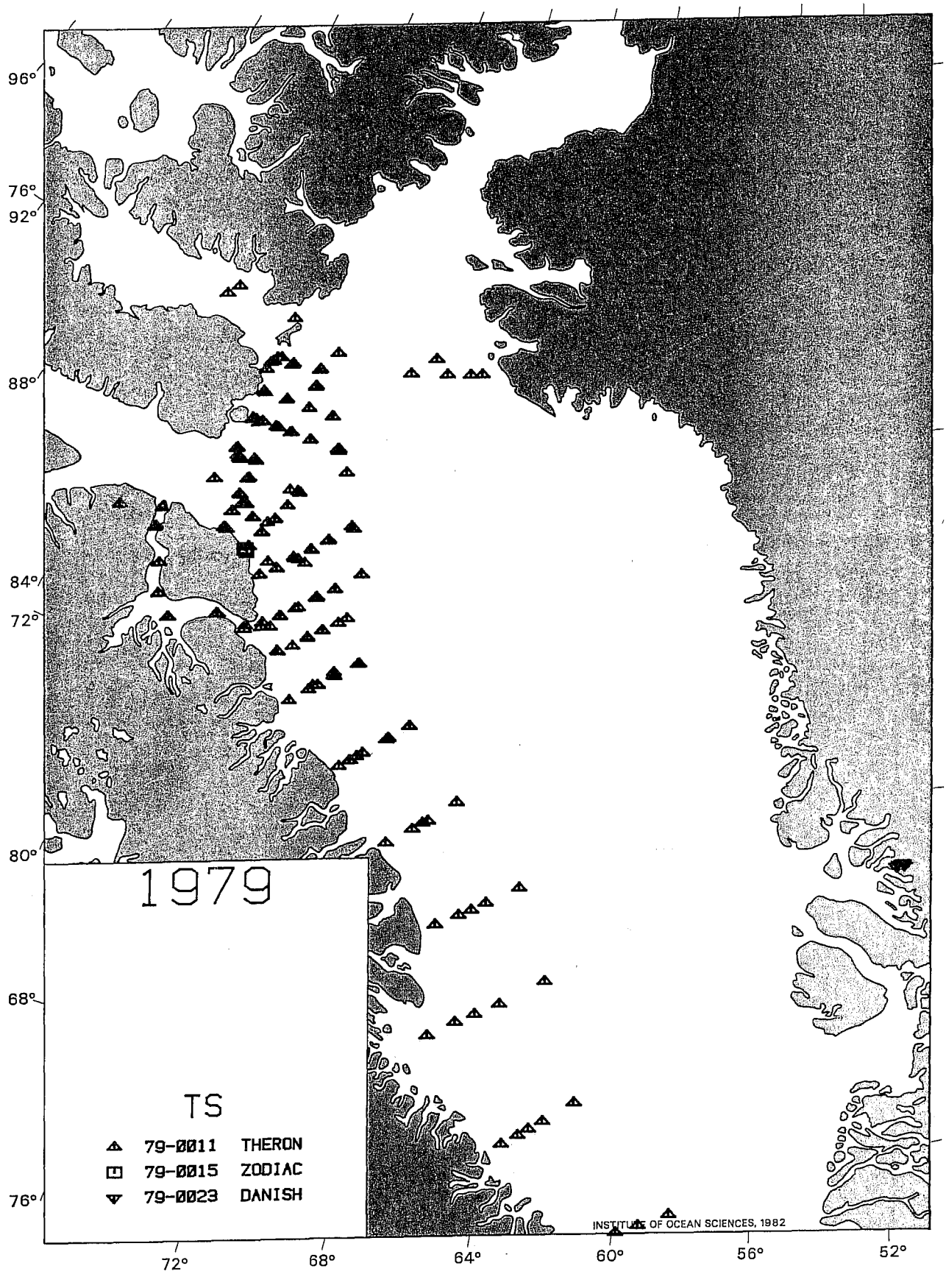
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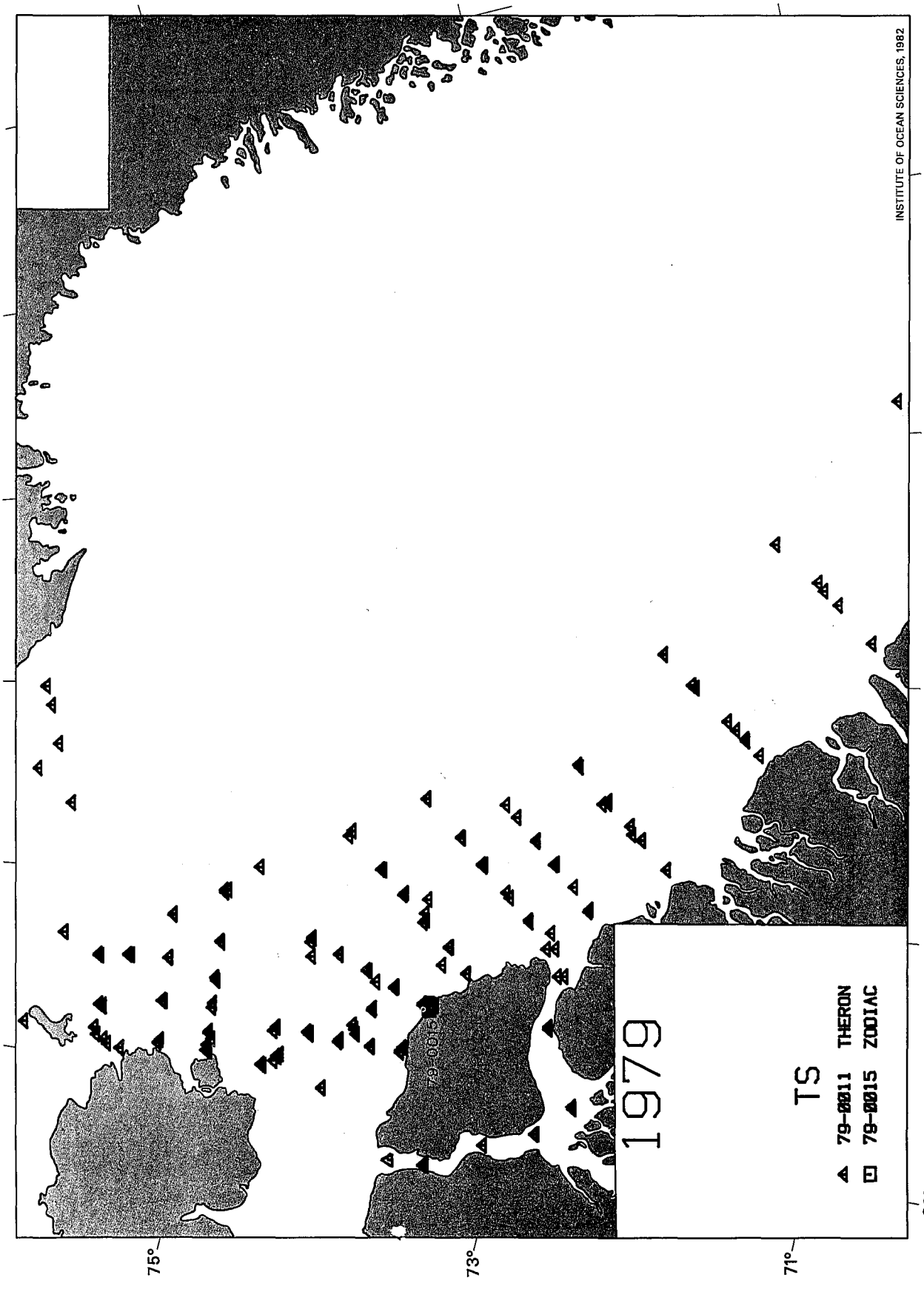
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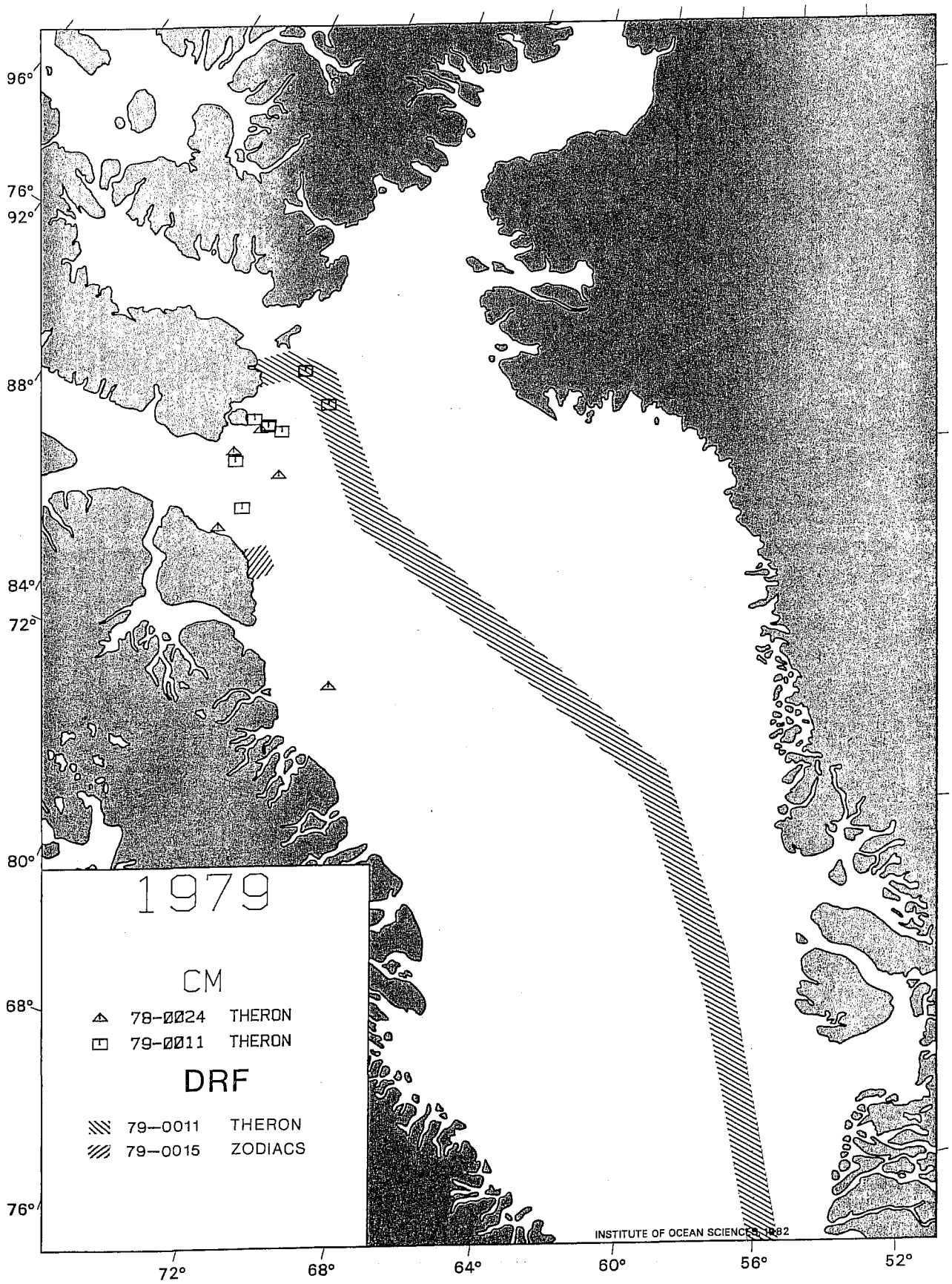
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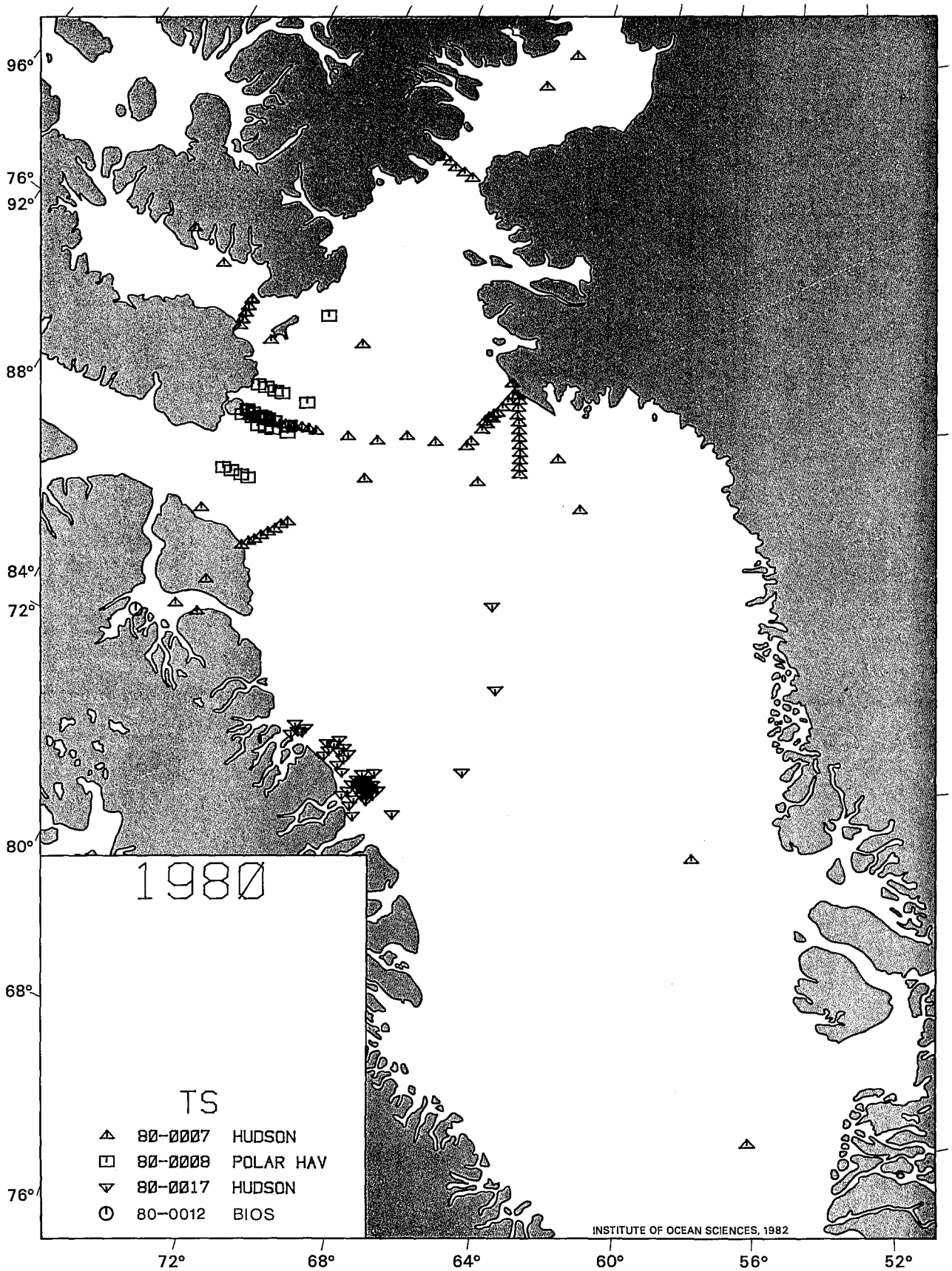
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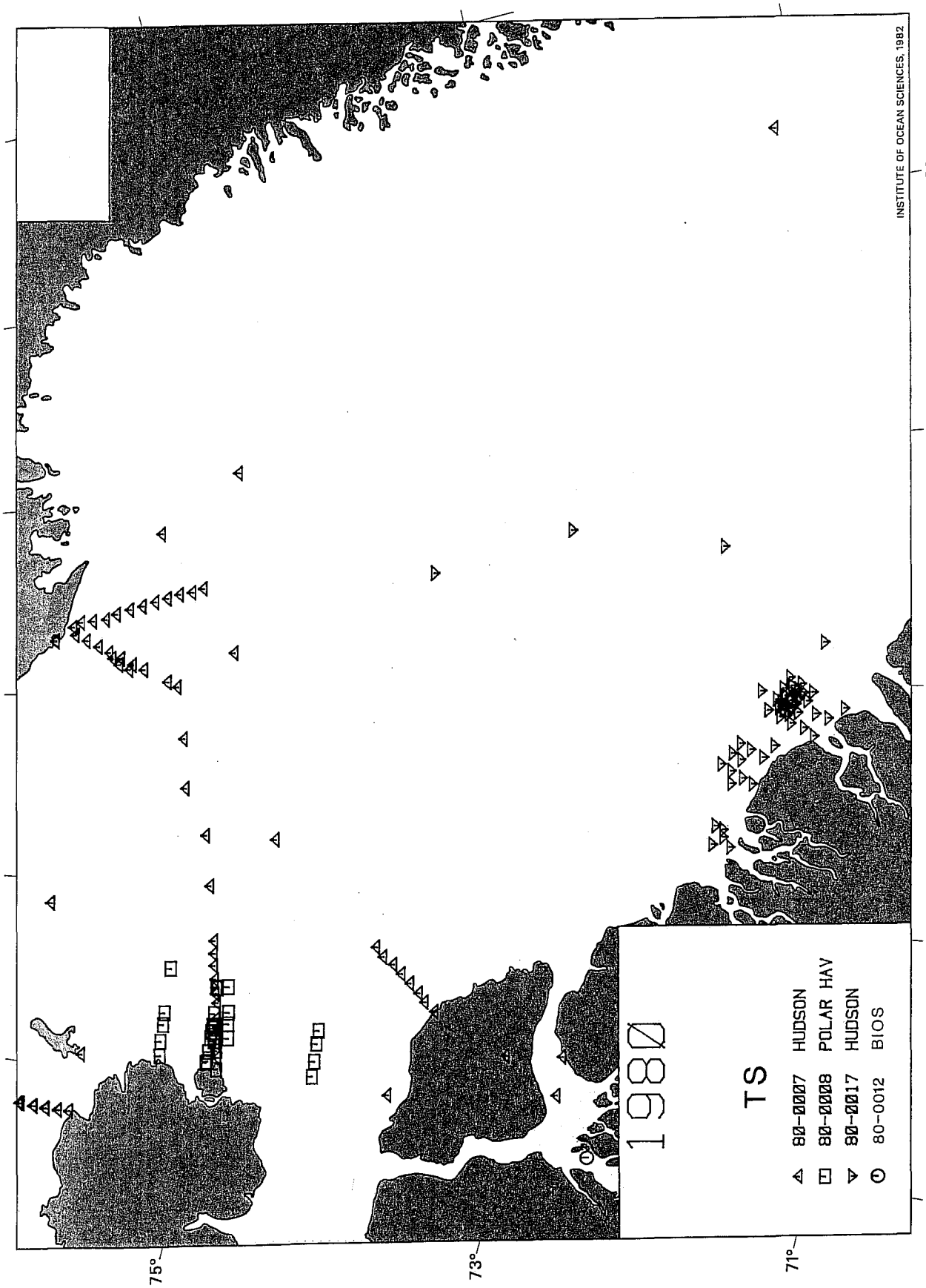
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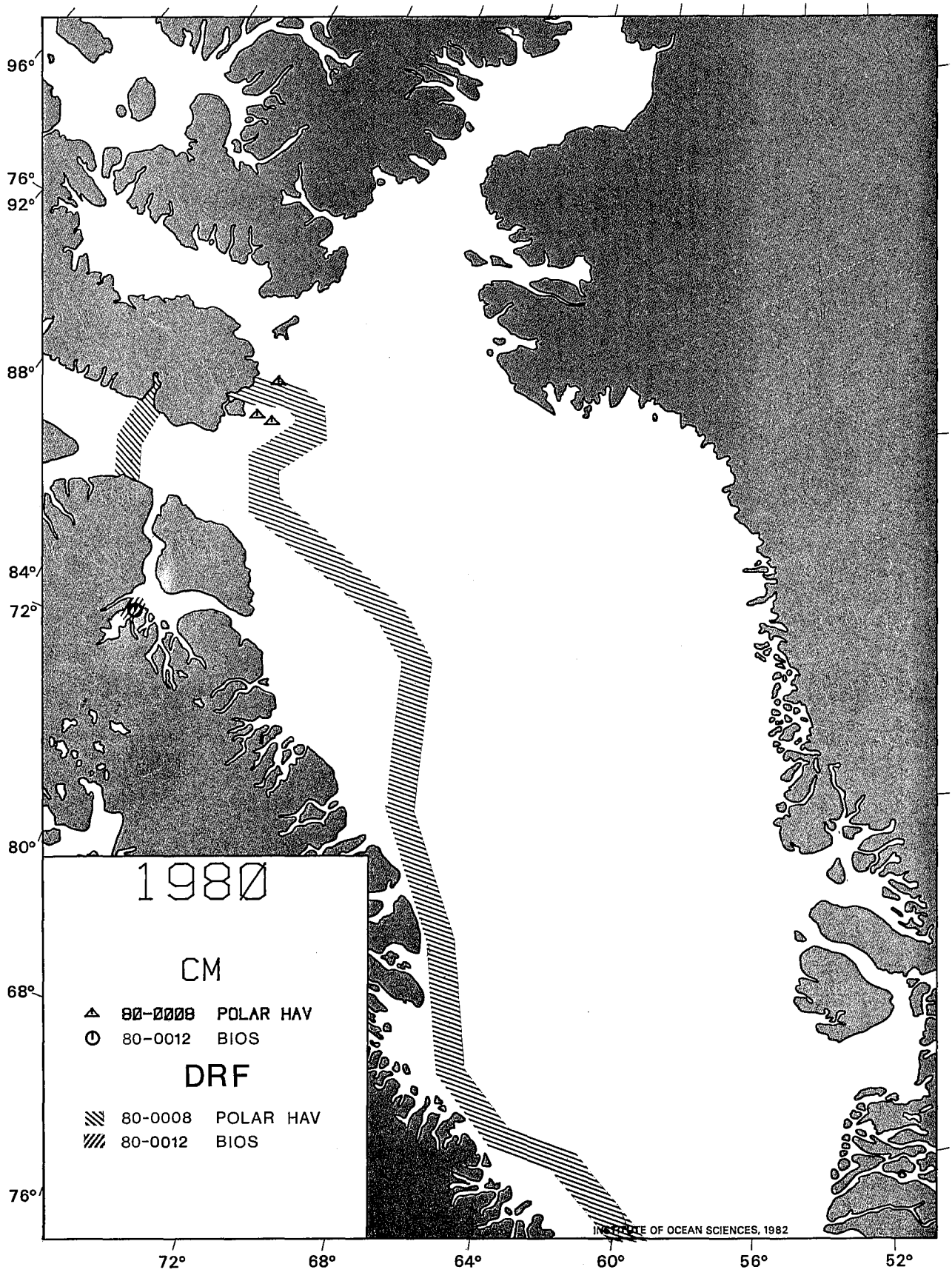
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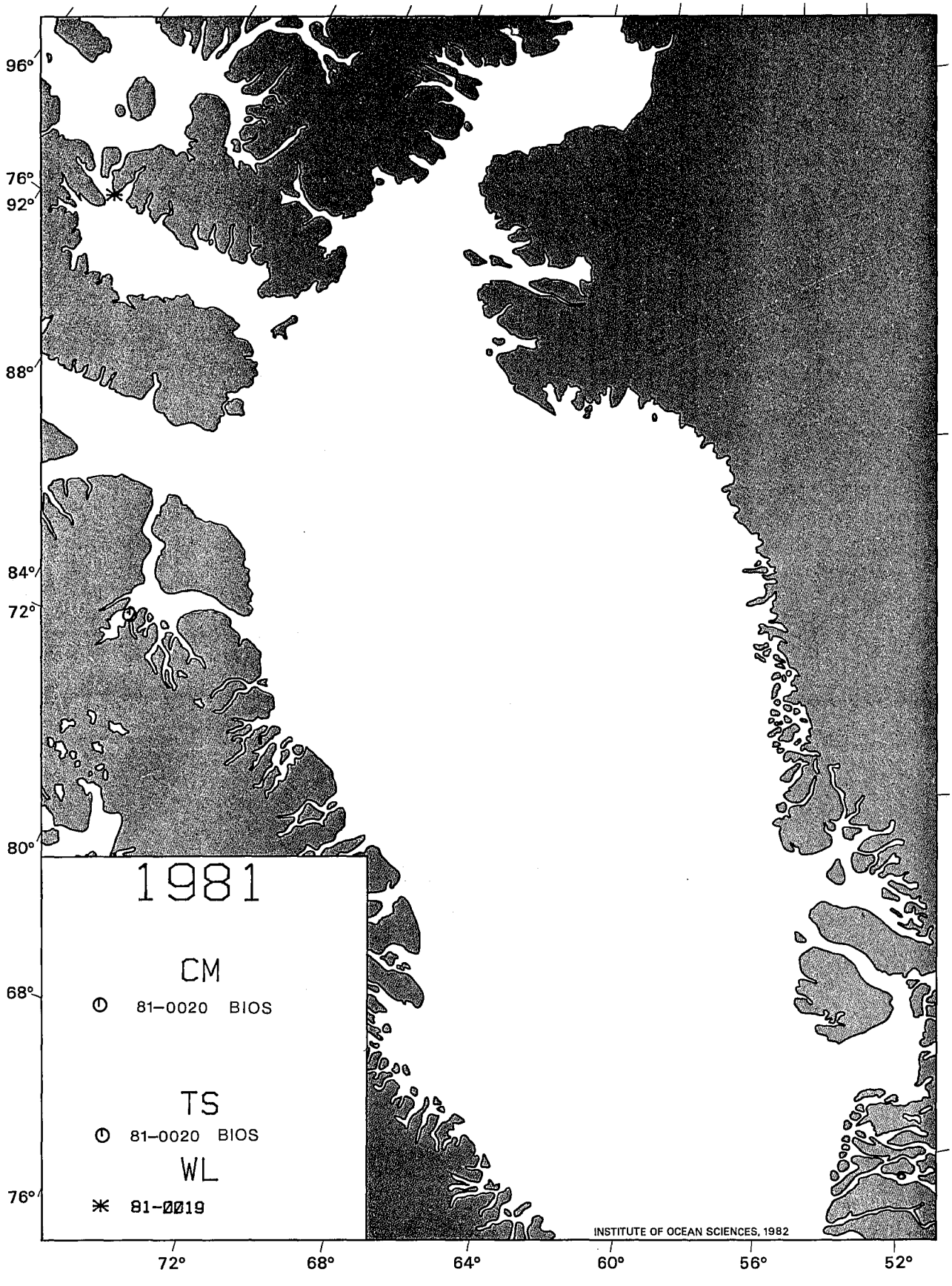
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10. INDEXES

This section contains three indexes to the data sets. The first is a geographical index which provides a listing by sub-areas (Figure 1). All data sets with any measurements in a particular sub-area are listed by number under that sub-area. The second index classifies the data sets by measurement type, under the following headings:

Temperature and salinity-bottle	: measurements at discrete points in the water column
Profiles of temperature and salinity	: measurements made with a profiling instrument such as a CTD.
Water levels, bottom pressure	: measurements from shore-based tide stations or bottom pressure gauges
Eulerian currents	: measurements of current velocity at a fixed point with a current meter
Lagrangian drift paths	: the tracks of free-floating drifters

The third index lists references for each data set by number. The data set number appears at the left hand side of the page, with references listed to the right. The main references are listed followed by other interpretive or analytical references, indented with respect to the main references. The list of interpretive or analytical references may not be complete.

10.1 GEOGRAPHICAL

Nares Strait

28-0001
40-0003
46-0001
48-0001
50-0002
52-0006
61-0004
63-0005
63-0006
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72-0018
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76-0026
76-0027
80-0007

Smith Sound

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37-0003
46-0001
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Jones Sound

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81-0019

Eastern Baffin Bay & Western Greenland

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52-0003
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66-0004
67-0003
68-0006
69-0006
69-0007
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Eclipse Sound

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Southern Baffin Bay

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Western Baffin Bay

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Northern & Northwestern Baffin Bay	Central Baffin Bay	Melville Bay	Disko Bay, Disko Island and Southeastern Baffin Bay	
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10.2 MEASUREMENT TYPE

Temperature Only

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32-0001
32-0002
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76-0027

Lagrangian Drifters

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79-0011
79-0015
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Temperature & Salinity Bottle

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Temperature & Salinity Profiles

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Water Level & Pressure

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Eulerian Currents

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10.3 REFERENCES BY DATA SET NUMBER

Primary references are listed after each data set I.D. Ancillary references are indented.

08-0002 Nielsen, J.N., 1928. The waters round Greenland, Vol. I, The discovery of Greenland, exploration and nature of the country. Humphrey Milford and C.A. Reitzel, London and Copenhagen, pp. 185-203.

Knudsen, M., 1923. Dr. Thorild Wulff's hydrographical investigations of the waters west of Greenland. Meddelelser om Gronland, 64: 89-100.

16-0001 Knudsen, M., 1923. Dr. Thorild Wulff's hydrographical investigations of the waters west of Greenland. Meddelelser om Gronland, 64: 89-100.

Dunbar, M.J., 1951. Eastern arctic waters. J. Fish. Res. Board Can. Bulletin No. 88: 1-131.

24-0001 Martens, E., 1929. Cons. Perm. Rapp. Proc.-Verb. 65: 1-29. (Norwegian Michael Sars exp. of 1924.)

25-0001 Baggesgaard-Rasmussen and Jacobsen, J.P., 1930. Contribution to the hydrography of the waters around Greenland in the year 1925. Meddelelser fra kommissionen for Havesundersoglser, Copenhagen. Serie Hydrografi., Bond II. No. 10: 1-24.

28-0001 Riis-Carstensen, E., 1936. The Godthaab expedition 1928, report on the expedition. Meddelelser om Gronland, 78(1): 1-105.

Bailey, W.B., 1956. On the origin of deep Baffin Bay water. J. Fish. Res. Board Can. 13(3): 303-308.

Barber, F.G. and A. Huyer, 1977. On the oceanography of Jones Sound, N.W.T. Dept. of Fish. and the Env., Mar. Sc. Directorate, Ottawa, Mar. Rep. Ser. No. 40. 48 p.

Kiilerich, A.B., 1939. The Godthaab expedition 1928 - a theoretical treatment of the hydrographical observation material. Meddelelser om Gronland 78(5): 1-148.

Muench, R.D, 1971d. The physical oceanography of the northern Baffin Bay region. Arctic Inst. of N.A., Washington, D.C. Baffin Bay-North Water Project. Sc. Rep. No. 1. 150 p.

28-0002 Smith, E.H., 1931b. The Marion expedition to Davis Strait and Baffin Bay. U.S. Treasury Dept. Coast Guard. Bulletin No. 19, Scientific Results - Part 3. 221 p.

Smith, E.H., F.M. Soule and O. Mosby, 1937. The Marion and General Greene expeditions to Davis Strait and Labrador Sea. U.S. Treasury Dept. Coast Guard Bulletin No. 19, Scientific Results - Part 2 Physical Oceanography. 259 p.

Ricketts, N.G. and P.D. Trask, 1932. The bathymetry and sediments of Davis Strait. The Marion expedition to Davis Strait and Baffin Bay under the direction of the U.S.C.G., 1928. U.S. Coast Guard, Bulletin 19, Part 1, Washington, D.C. (see NTIS in Appendix 2), Scientific Results.

30-0001 Beaugé, L., 1931. Rapport de mission a Terre-Neuve et au Groenland. Campagne 1930. Id. Tome IV, Fasc I. Paris.

31-0001 Beaugé, L., 1932. Rapport de mission au Groenland. Campagne 1931. Id. Tome V, Fasc I. Paris.

31-0002 See 31-0001.

32-0001 Beaugé, L., 1933. La camagne de 1932 a Terre-Neuve et au Groenland. Id. Tome VI, Fasc I. Paris.

32-0002 See 32-0001.

34-0001 Conseil Permanent International Pour L'Exploration de la Mer, 1935.

36-0001 Hartley, C.H. and M.J. Dunbar, 1938. On the hydrographic mechanism of the so-called brown zones associated with tidal glaciers. J. Mar. Res. 1(4): 305-311.

Dunbar, M.J., 1951. Eastern arctic waters. J. Fish. Res. Board Can. Bulletin No. 88: 1-131.

37-0003 Anonymous, 1939. British Arctic Expedition, 1937-38. Polar Record, No. 17: 48-50.

40-0001 Barnes, C.A. 1941. Oceanographic investigations in Baffin Bay in 1940. U.S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2), Bulletin 30: 27-56.

40-0002 Dunbar, M.J., 1942. Marine macroplankton from the Canadian eastern arctic. I. Amphipoda and Schizopoda. Can. Jour. Res., Vol. 20: 33-46.

Dunbar, M.J., 1951. Eastern arctic waters. J. Fish. Res. Board Can. Bulletin No. 88: 1-131.

40-0003 Nutt, D.C., 1941. Captain Bartlett's Arctic Cruise, 1940. Polar Record, 21: 360-361.

42-0001 Dunbar, M.J., 1946. The state of the West Greenland Current up to 1944. J. Fish. Res. Board Can. 6(7): 460-471.

Dunbar, M.J., 1951. Eastern arctic waters. J. Fish. Res. Board Can. Bulletin No. 88: 1-131.

43-0001 See 42-0001.

46-0001 Metcalf, W.G., 1949. Oceanographic program of the U.S. Navy Task Force 80 Arctic Operation, summer 1948. Woods Hole Oceanographic Institution, Woods Hole, Mass., Tech. Rep. No. C-2, Ref. 49-4, Jan. 1949, 63 p.

47-0001 Dunbar, M.J., 1951. Eastern arctic waters. J. Fish. Res. Board Can. Bulletin No. 88: 19.

48-0001 See 46-0001.

48-0003 Conseil Permanent International Pour L'Exploration de la Mer, 1952. Bulletin Hydrographique pour l'annee 1948: 1-87, Copenhagen.

49-0003 Conseil Permanent International Pour L'Exploration de la Mer, 1954. Bulletin Hydrographique pour l'annee 1949: 1-85, Copenhagen.

50-0002 U.S. Naval Hydrographic Office, 1954a. Oceanographic observations arctic waters. U.S. Naval Hydr. Off., Washington, D.C. (see NTIS in Appendix 2), Report No. 618-A, Washington, D.C.

50-0003 Conseil Permanent International Pour L'Exploration de la Mer, 1954b. Bulletin Hydrographique pour l'annee 1950: 1-114, Copenhagen.

50-0004 See 50-0003.

54-0005 See 50-0003.

51-0005 Conseil Permanent International Pour L'Exploration de la Mer, 1955. Bulletin Hydrographique pour l'annee 1951: 1-131, Copenhagen.

51-0006 See 50-0002.

52-0003 See 50-0002.

52-0005 Conseil Permanent International Pour L'Exploration de la Mer, 1956. Bulletin Hydrographique pour l'annee 1952: 1-164, Copenhagen.

52-0006 See 50-0002.

52-0007 See 52-0005.

53-0005 Conseil Permanent International Pour L'Exploration de la Mer, 1957. Bulletin Hydrographique pour l'annee 1953: 1-167, Copenhagen.

53-0006 U.S. Naval Hydrographic Office, 1954b. Oceanographic observations arctic waters. U.S. Naval Hydr. Off., Washington, D.C. (see NTIS in Appendix 2), Rep. No. 618-B, 95 p.

53-0009 Tapager, J.R.D., 1955. Local environmental factors affecting ice formation in Sondre Stromfjord, Greenland. U.S. Naval Hydr. Off., Washington, D.C. (see NTIS in Appendix 2), Tech. Rep. TR-22. Nov. 1955. 26 p., illus.

53-0010 McGough, R.J., 1956. Local environmental factors affecting ice formation in North Star Bugt, Greenland. U.S. Naval Hydr. Off., Washington, D.C. (see NTIS in Appendix 2), January 1956, 7 p., 24 figures, 3 tables, H.O. TR-23.

53-0011 See 53-0005.

53-0012 See 53-0005.

54-0001 Bailey, W.B., 1956. On the origin of deep Baffin Bay water. J. Fish. Res. Board Can. 13(3): 303-308.

Bailey, W.B., 1957. Oceanographic features of the Canadian Archipelago. J. Fish. Res. Boad Can. 14(5): 731-769.

Barber, F.G. and A. Huyer, 1977. On the oceanography of Jones Sound, N.W.T. Dept. of Fish. and the Env., Mar. Sc. Directorate, Ottawa, Mar. Rep. Ser. No. 40. 48 p.

Muench, R.D., 1971c. The physical oceanography of the northern Baffin Bay region. Arctic Inst. of N.Am., Washington, D.C., Baffin Bay-North Water Project. Sc. Rep. No. 1. 150 p.

54-0006 Conseil Permanent International Pour L'Exploration de la Mer, 1959. Bulletin Hydrographique pour l'annee 1954: 1-184, Copenhagen.

54-0007 U.S. Naval Hydrographic Office, 1956. U.S. Naval Hydr. Off., Washington, D.C. (see NTIS in Appendix 2), Pub. 15047-31.

54-0008 Redfield, A.C. and I. Friedman, 1969. The effect of meteoric water, melt water and brine on the composition of polar sea water and of the deep waters of the ocean. Deep Sea Res. Supp. to Vol. 16: 197-214.

55-0004 Conseil Permanent International Pour L'Exploration de la Mer, 1960. Bulletin Hydrographique pour l'annee 1955: 1-208, Copenhagen.

55-0006 See 55-0004.

55-0007 Ellis, D.V., 1956. Some temperature and salinity records from the Canadian Arctic during 1954 and 1955. J. Fish. Res. Board Can. 13(4): 591-598.

56-0005 Conseil Permanent International Pour L'Exploration de la Mer, 1962. Bulletin Hydrographique pour l'annee 1956: 1-217, Copenhagen.

56-0006 U.S. Naval Hydrographic Office, 1960. Oceanographic observations arctic waters. Task force five and six. Summer-Autumn 1956. USS Resolute, USS Eldorado, USS Atka, USCGCG Eastwind. U.S. Naval Hydr. Off., Washington, D.C. (see NTIS in Appendix 2), Tech. Rep. No. 58, October 1960, 89 p., illus.

57-0001 U.S. Naval Hydrographic Office, 1959. Oceanographic observations arctic waters. Task force five and six. Summer-Autumn 1957. USCGCG Eastwind, USCGC Westwind, USCGC Spar, USS Atka, USS Eldorado. U.S. Naval Hydr. Off., Washington, D.C. (see NTIS in Appendix 2), Tech. Rep. No. 59, November 1959, 145 p., illus.

57-0003 Collin, A.E. and M.J. Dunbar, 1964. Physical oceanography in Arctic Canada. Oceangr. Mar. Biol. Ann. Rev. 2, H. Barnes Ed., George Allen and Unwin, London. pp. 45-75.

Muench, R.D., 1971d. The physical oceanography of the northern Baffin Bay region. Arctic Inst. of N.Am., Washington, D.C. Baffin Bay-North Water Project. Sc. Rep. No. 1. 150 p.

58-0003 Conseil Permanent International Pour L'Exploration de la Mer., 1958. ICES Ocean. Data Lists. No. 4., 241 p., Copenhagen.

58-0004 U.S. Naval Oceanographic Office, 1963a. Oceanographic data report, Arctic, 1958. U.S. Navy Oc. Office, Washington, D.C. (see NTIS in Appendix 2). Informal Man. Rep. No. 0-26-63, 200 p.

58-0005 See 58-0004.

59-0005 U.S. Naval Oceanographic Office, 1963b. Oceanographic data report, Arctic, 1959. U.S. Naval Ocean. Off., Washington, D.C. (see NTIS in Appendix 2). Inf. Man. Rep. No. 0-43-63, 245 p.

59-0006 Conseil Permanent International Pour L'Exploration de la Mer., 1959. ICES Ocean. Data Lists. No. 1., 201 p., Copenhagen.

59-0008 Senior, C.W., 1961. Study of oceanographic conditions as related to project polynya. U.S. Naval Hydr. Off., Washington, D.C. (see NTIS in Appendix 2). Tech. Rep. 80, December 1961. 75 p., illus.

60-0005 Canadian Oceanographic Data Centre, 1964. Eastern Arctic-1960. Data Rec. Ser. No. 18. 204 p., illus.

Muench, R.D., 1971d. The physical oceanography of the northern Baffin Bay region. Arctic Inst. of N.Am., Washington, D.C. Baffin Bay-North Water Project. Sc. Rep. No. 1. 150 p.

60-0009 U.S. Naval Oceanographic Office, 1964. Oceanographic data report, Arctic, 1960. U.S. Naval Ocean. Off., Washington, D.C. (see NTIS in Appendix 2). Inf. Man. Rep. No. 0-62-63. 154 p., illus.

61–0004 Canadian Oceanographic Data Centre, 1966b. Arctic, 1961. Aug. 2-Oct. 12. D.C. 1966 Data Rec. Ser. No. 12. 322 p., illus.

Barber, F.G. and A. Huyer, 1971. On the water of the Canadian Arctic Archipelago, an atlas presentation of 1961 and 1962 data. Dept. of Energy, Mines and Resources, Mar. Sc. Branch, Ottawa. Man. Rep. Ser. No. 21, 76 p., maps.

Muench, R.D, 1971d. The physical oceanography of the northern Baffin Bay region. Arctic Inst. of N.Am., Washinton, D.C. Baffin Bay-North Water Project. Sc. Rep. No. 1. 150 p.

61–0010 Barber, F.G. and A. Huyer, 1971. On the water of the Canadian Arctic Archipelago, an atlas presentation of 1961 and 1962 data. Dept. of Energy, Mines and Resources, Mar. Sc. Branch, Ottawa. Man. Rep. Ser. No. 21, 75 p., maps.

61–0011 See 61-0010.

61–0012 See 61-0010.

Apollonio, S., 1963. The Devon Island expeditions, 1960-1964. Arctic 16(1): 63-66.

62–0006 Canadian Oceanographic Data Centre, 1966a. Arctic, Hudson Bay and Hudson Strait - Aug. 5-Oct. 4, 1962. Data Rec. Ser. No. 4. 247 p., illus.

Barber, F.G. and A. Huyer, 1977. On the oceanography of Jones Sound, N.W.T. Dept. of Fish. and the Env., Mar. Sc. Directorate, Ottawa, Mar. Rep. Ser. No. 40. 48 p.

Barber, F.G. and A. Huyer, 1971. On the water of the Canadian Arctic Archipelago, an atlas presentation of 1961 and 1962 data. Dept. of Energy, Mines and Resources, Mar. Sc. Branch, Ottawa. Man. Rep. Ser. No. 21, 76 p., maps.

62–0007 Canadian Oceanographic Data Centre, 1967a. Baffin Bay 1962-Sept. 25 -Oct. 24, 1962. Data Rec. Ser. No. 4. 169 p., illus.

Collin, A.E., 1965. Oceanographic observations in Nares Strait, northern Baffin Bay, 1963 and 1964. Unpub. report by Bedford Inst. of Oceanography, Dartmouth, N.S. Rep. 65(5), 9 p.

Muench, R.D, 1971d. The physical oceanography of the northern Baffin Bay region. Arctic Inst. of N.Am., Washington, D.C. Baffin Bay-North Water Project. Sc. Rep. No. 1. 150 p.

Barber, F.G. and A. Huyer, 1971. On the water of the Canadian Arctic Archipelago, an atlas presentation of 1961 and 1962 data. Dept. of Energy, Mines and Resources, Mar. Sc. Branch, Ottawa. Man. Rep. Ser. No. 21, 76 p., maps.

Barber, F.G. and A. Huyer, 1977. On the oceanography of Jones Sound, N.W.T. Dept. of Fish. and the Env., Mar. Sc. Directorate, Ottawa. Mar. Rep. Ser. No. 40. 48 p.

62-0010 See 61-0010.

62-0011 See 61-0010.

63-0005 Franceschetti, A.P., 1964. Oceanographic conditions in Kennedy Channel, Kane Basin, Smith Sound and Baffin Bay, summer 1963. U. S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2), Oceanographic Report. No. 5 (CG 373-5): 1-36.

Palfrey, K.M. and G. Godfrey Day, 1968. Oceanography of Baffin Bay and Nares Strait in summer of 1966 and current measurement in Smith Sound, summer 1963. U.S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2), Oceanographic Report No. 16, 204 p.

Muench, R.D, 1971d. The physical oceanography of the northern Baffin Bay region. Arctic Inst. of N.Am., Washington, B.C. Baffin Bay-North Water Project. Sc. Rep. No. 1. 150 p.

63-0006 Canadian Oceanographic Data Centre, 1967b. Data record-Baffin Bay 1963. Sept. 15-Oct. 25, 1963. Data Rec. Ser. No. 7. 211 p., illus.

Collin, A.E., 1965. Oceanographic observations in Nares Strait, northern Baffin Bay, 1963 and 1964. Unpub. report by Bedford Institute of Oceanography, Dartmouth, N.S. Rep. 65(5), 9 p.

Barber, F.G. and A. Huyer, 1977. On the oceanography of Jones Sound, N.W.T. Dept. of Fish. and the Env., Mar. Sc. Directorate, Ottawa, Mar. Rep. Ser. No. 40. 48 p.

Muench, R.D, 1971d. The physical oceanography of the northern Baffin Bay region. Arctic Inst. of N.Am., Washington, D.C. Baffin Bay-North Water Project. Sc. Rep. No. 1. 150 p.

63-0007 Canadian Oceanographic Data Centre, 1968b. International Commission on the Northwest Atlantic Fisheries, Norwestlant-3 Survey-Canada. Sp. Pub. No. 7, Part III, Vols. 1-3, prepared by C.O.D.C., Ottawa, pp. 195-280.

63-0008 Canadian Oceanographic Data Centre, 1968b. International Commission of the Northwest Atlantic Fisheries Norwestlant-3 Survey-Canada. Sp. Pub. No. 7, Part III, Vols. 1-3, prepared by C.O.D.C., Ottawa, pp. 147-241.

64-0007 Canadian Oceanographic Data Centre, 1965. Baffin Bay, Smith Sound to Strait of Belle Isle. Sept. 4-Oct. 24, 1964 Data Rec. Ser. No. 11, 165 p.

Collin, A.E., 1965. Oceanographic observations in Nares Strait, northern Baffin Bay, 1963 and 1964. Unpub. Bedford Institute of Oceanography, Dartmouth, N.S. Rep. 65(5), 9 p.

Redfield, A.C. and I. Friedman, 1969. The effect of meteoric water, melt water and brine on the composition of polar sea water and of the deep waters of the ocean. Deep Sea Res. Supp. to Vol. 16: 197-214.

Muench, R.D, 1971d. The physical oceanography of the northern Baffin Bay region. Arctic Inst. of N.Am., Washington, D.C. Baffin Bay-North Water Project. Sc. Rep. No. 1. 150 p.

65-0007 Canadian Oceanographic Data Centre, 1969a. Davis Strait and northern Labrador Sea. Aug. 27-Oct. 22, 1975. Rec. Ser. No. 7, 203 p., illus.

Muench, R.D, 1971d. The physical oceanography of the northern Baffin Bay region. Arctic Inst. of N.Am., Washington, D.C. Baffin Bay-North Water Project. Sc. Rep. No. 1. 150 p.

65-0008 Canadian Oceanographic Data Centre, 1969b. Operation Tanquary-Ellesmere Island, N.W.T. 1963-1966. Data Rec. Ser. No. 13, 152 p., illus.

66-0004 Palfrey, K.M. and G. Godfrey Day, 1968. Oceanography of Baffin Bay and Nares Strait in summer of 1966 and current measurement in Smith Sound, summer 1963. U.S. Coast Guard Oceanographic Report No. 16: 204 pp.

Palfrey, K.M., 1968. Oceanography of Baffin Bay and Nares Strait in the summer of 1966. USCG Ocean. Rep. No. 16, pp. 1-74.

Muench, R.D, 1971c. The physical oceanography of the northern Baffin Bay region. Arctic Inst. of N.A. Baffin Bay-North Water Project. Sc. Rep. No. 1.

67-0002 Canadian Oceanographic Data Centre, 1968. Hudson Bay, Hudson Strait and Arctic. July 21-Sept. 9, 1967. Data Rec. Ser. No. 4, 123 p., illus.

Herlinveaux, R.H., 1974. Surface movements in Canadian arctic waters with some accompanying temperature and salinity observations. Env. Can., Mar. Sc. Directorate, Pacific Region, Victora, B.C., Unpubl. Man., Pacific Mar. Sc. Rep. 36 p.

Redfield, A.C. and I. Friedman, 1969. The effect of meteoric water, melt water and brine on the composition of polar sea water and of the deep waters of the ocean. Deep Sea Res. Supp. to Vol. 16: 197-214.

Barber, F.G. and A. Huyer, 1977. On the oceanography of Jones Sound, N.W.T. Dept. of Fish. and the Env., Mar. Sc. Directorate, Ottawa, Mar. Rep. Ser. No. 40. 48 p.

67-0003 U.S. Naval Oceanographic Office, 1968. Oceanographic cruise summary. Baffin Bay, Davis Strait, Labrador Sea, summer 1967. U.S. Naval Ocean. Off., Washington, D.C. (see NTIS in Appendix 2), Inf. Rep. 68-23, 20 p.

68-0001 Herlinveaux, R.H., 1970. Icepack 8/68 - Oceanographic and biological observations. Fish. Res. Board Can. Tech. Rep. No. 159, 60 p., illus.

68-0004 Moynihan, M.J., 1972a. Oceanographic observations in Kane Basin, September, 1968 and July, September 1969. U.S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2), Ocean. Rep. No. 55, August 1972, 70 p.

68-0005 Moynihan, M.J. and E.J. Tennyson, 1971. Oceanographic conditions in Disko Bay and southeastern Baffin Bay in 1968. U.S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2), Ocean. Rep. No. 37, CG 373-37, pp. 24-33.

68-0006 U.S. Naval Oceanographic Office, 1969. Oceanographic cruise summary. Baffin Bay, Davis Strait, Labrador Sea, summer 1968. U.S. Naval Ocean. Off., Washington, D.C. (see NTIS in Appendix 2), Inf. Rep. No. 69-37, 7 p.

68-0007 Muench, R.D., 1971b. Oceanographic conditions in the Melville Bay-Carey Island region, northern Baffin Bay, September 17-October 2, 1969. In U.S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2), Rep. No. 44, October, 1971, pp. 22-143.

Avis, R.A. and Coachman, L.K., 1971. Current measurements in Smith Sound-Northern Baffin Bay, September 1968. Baffin Bay-North Water Project Scientific Report No. 2, Arctic Institute of North America, Washington, D.C., 26 p.

Muench, R.D., 1971d. The physical oceanography of the northern Baffin Bay region. Arctic Inst. of N.Am., Washington, D.C. Baffin Bay-North Water Project. Sc. Rep. No. 1. 150 p.

69-0004 Muench, R.D., 1971b. Oceanographic conditions in the Melville Bay-Carey Island region, northern Baffin Bay, September 17-October 2, 1969. In U.S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2), Rep. No. 44, October, 1971, 22-143 p.

Muench, R.D. and W.G. Tidmarsh, 1969. A preliminary report of field work during 1969: The September Cape York program in the Baffin Bay-North Water Project Report No. 5. Arctic. Inst. of N.Am., Washington, D.C., Res. Paper No. 56, 22 p.

Muench, R.D., 1971d. The physical oceanography of the northern Baffin Bay region. Arctic Inst. of N.Am., Washington, D.C., Baffin Bay-North Water Project. Sc. Rep. No. 1. 150 p.

69-0005 Muench, R.D., 1971c. Oceanographic conditions at a fixed location in western Kane Basin, May 1969. In U.S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2), Ocean. Rep. No. 44, October 1971, pp. 1-5.

Tidmarsh, W.G., E.C. Cormack and J. Overland, 1969. A preliminary report of field work during 1969. April-May Kane Basin program; in the Baffin Bay-North Water Project Report No. 5. Arctic Inst. of N.Am., Washington, D.C. Res. Paper No. 56: 1-12.

69-0006 Moynihan, M.J., 1971. Oceanographic conditions in northeastern Baffin Bay during August 1969. U.S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2), Oceangr. Rep. No. 44, Oct. 1971, pp. 6-21.

69-0008 See 68-0004.

69-0010 Apollonio, S., 1973. Glaciers and nutrients in arctic seas. Science 180: 491-493.

69-0011 Conseil Permanent International Pour L'Exploration de la Mer., 1971. ICES Ocean. Data Lists. No. 1., 281 p.,Copenhagen.

69-0013 See 68-0004.

70-0002 Conseil Permanent International Pour L'Exploration de la Mer., 1972. ICES Ocean. Data Lists. No. 6., 545 p., Copenhagen.

70-0006 Muench, R.D., 1972. Oceanographic conditions in the northern Baffin Bay region July 24-Aug. 6, 1970. U.S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2), . Ocean. Rep. No. 54, August 1972. 113 p.

Moynihan, M.J., 1972b. Oceanographic conditions in Nares Strait, August-September, 1970. U.S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2), Ocean. Rep. No. 57, August 1972. 4 p., illus., tables.

70-0013 Moynihan, M.J., 1972b. Oceanographic conditions in Nares Strait, August-September, 1970. U.S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2), Ocean. Rep. No. 57, August 1972. 4 p., illus., tables.

70-0015 See 70-0013.

71-0010 Sadler, H.E., 1972c. A preliminary report on the oceanography of Makinson Inlet, Ellesmere, N.W.T. Def. Res. Est. Ottawa, Tech. Note 72-9. 28 p.

Herlinveaux, R.H. and H.E. Sadler, 1973. Oceanographic features in Nares Strait in August 1971. Env. Can, Mar. Sc. Dir., Pacific Region, Victoria, B.C. 104 p.

Sadler, H.E., 1973. On the oceanography of Makinson Inlet. Arctic 26(1): 76-77.

71-0011 Conseil Permanent International Pour L'Exploration de la Mer., 1974. ICES Ocean. Data Lists. No. 13A., 464 p., Copenhagen.

71-0012 Finlayson, D.J., 1973. Techniques for laying instruments in ice covered waters. Polar Record. 16: 854-856.

Chow, R.K., 1975a. Near-surface currents in Robeson Channel. Def. Res. Est. Ottawa Report No. 709. 63 p.

Sadler, H.E., 1976b. The flow of water through Nares Strait. Def. Res. Est. Ottawa Report No. 736, 184 p.

Herlinveaux, R.H., 1979. Oceanographic observations in Robeson Channel, N.W.T. - 1971. Institute of Ocean Sciences, Sidney, B.C., Pac. Mar. Sc. Rep. 79-16, 39 p.

Sadler, H.E., 1976a. Water, heat and salt transports through Nares Strait, Ellesmere Island. J. Fish. Res. Board Can. 56: 2286-2295.

Godin, G., 1979. Currents in Robeson Channel, Nares Strait. Marine Geodesy 2(4): 351-364.

71-0013 Sadler, H.E., 1976b. The flow of water and heat through Nares Strait. Def. Res. Est. Ottawa Report No. 736, 184 p.

Herlinveaux, R.H. and H.E. Sadler, 1973. Oceanographic features of Nares Strait in August 1971. Env. Can., Mar. Sc. Dir., Pacific Region, Victoria, B.C. 104 p.

Godin, G., 1979. Currents in Robeson Channel, Nares Strait. Marine Geodesy 2(4): 351-364.

72-0018 Sadler, H.E., 1976a. Water, heat and salt transports through Nares Strait, Ellesmere Island. J. Fish. Res. Board Can. 56: 2286-2295.

See 71-0013.

72-0020 Muench, R.D. and H.E. Sadler, 1973. Physical oceanographic observations in Baffin Bay and Davis Strait. Arctic 26(1): 73-76.

Sater, J.E., 1972. A winter scientific reconnaissance of the North Water. Arctic 25(2): 151-152.

72-0022 Ellis, D.V. and J.L. Littlepage, 1972. An oceanographic survey of Qaumarujuk and Agfordlikavsa fjords, Marmorilik W. Greenland. Rep. for Cominco Mines Ltd. 56 p., plus appendix.

74-0013B Bedford Institute of Oceanography, 1974. Cruise Report. No. 74-026, Part 1. Atlantic Geoscience Centre, Dartmouth, N.S. 25 p.

75-0034 Godin, G., 1979. Currents in Robeson Channel, Nares Strait. Marine Geodesy 2(4): 351-364.

Chow, R.K. and D.J. Finlayson, 1980. Further studies on a model for the near-surface currents in Robeson Channel. Def. Res. Est. Pacific, Victoria, B.C. Tech. Mem. 80-3, May, 1980. 33 p.

75-0036 Bohn, A., 1976. Report on seawater samples collected from Marmorilik, West Greenland, in March 1976. Unpub. rep. by B.C. Research, Vancouver, B.C. 10 p.

Grønlands Geologiske Undersøgelse, 1976. Recipientundersøgelse 1975-76 Agfardlikavsa Qumarujuk. Gron. Geo. Und., Gron. Fiskl, Inst. Petro. 113 p.

75-0037 Danish Hydraulic Institute, 1979a. Environmental conditions offshore west Greenland. Vol. 1-4. Danish Hydr. Inst., Greenland Tech. Org., Horsholm, Dec. 1979. 364 p., appendices.

75-0041 Ito, H., 1981. On the mechanics of fast ice in the North Water area. Geographisches Institut. Eidgenossische Technische Hochschale Zurich. Meft 2., 93 p, 133 p. appendices.

76-0011 Bedford Institute of Oceanography, 1976. Cruise Report No. 76-023. CSS Hudson. July 23 to August 19, 1976. Atlantic Geoscience Centre, Dartmouth, N.S. 9 p.

Tan, F.C. and P.M. Strain, 1980. The distribution of sea ice meltwater in the eastern Canadian Arctic. J. of Geophys. Res. 85(C4): 1925-1932.

76-0023 Garrison, G.R., 1977. Oceanographic measurements in the Chukchi Sea and Baffin Bay, 1976. U. Wash. App. Phys. Lab. Rep. No. 7710, Oct. 15, 1977. 99 p.

76-0024 Danish Hydraulic Institute, 1979a. Environmental conditions offshore west Greenland, Vol. 1-4. Danish Hydr. Inst., Greenland Tech. Org., Horsholm, Dec. 1979. 364 p., appendices.

76-0025 See 75-0036.

76-0027 Ito, H., 1981. On the mechanics of fast ice in the North Water area. Geographisches Institut. Eidgenossische Technische Hochschale Zurich. Meft. 2, 93 p., 133 p. appendices.

77-0014 Bedford Institute of Oceanography, 1977. Cruise Report No. 77-024. Atlantic Ocean. Lab., Dartmouth, N.S. 45 p.

Jones, E.P. and A.R. Coote, 1980. Nutrient distributions in the Canadian Archipelago: indicators of summer water mass and flow characteristics. Can. J. Fish. Aquat. Sci. 37: 589-599.

Tan, F.C. and P.M. Strain. 1980. The distribution of sea ice melt water in the eastern Canadian Arctic. J. of Geophys. Res 85(C4): 1925-1932.

77-0027 See 76-0024.

Tooma, S.B., 1978a. Northern Smith Sound oceanography - summer 1977. Naval Ocean. Res. and Dev. Activity, Tech. Note 21, NSTL Stn., Miss. 23 p.

77-0028 Tooma, S.G., 1978b. Summer circulation patterns, northern Smith Sound. Arctic 31(2): 85-96.

77-0029 Steltner, H., 1977. Report in fulfillment of contracts OSQ77-00057 and OSQ76-00190. (Available from Steltner Man., 5 Sparks Street, St. Catherines, Ontario, L2N 4E1.)

77-0030 Grønlands Geologiske Undersøgelse, 1977. Recipientundersøgelse 1976-77 Afgardlikavsa Qumarujuk. Gron. Geo. Und., Fiskl, Inst. Petro. 135 p.

Grønlands Geologiske Undersøgelse, 1978. Recipientundersøgelse 1977-78 Afgardlikavsa Qumarujuk. Gron. Geo. Und., Fiskl, Inst. Petro. 61 p.

77-0031 Petersen, H.K., 1978. Fate and effect of Bunker C oil spilled by the USNS Potomac in Melville Bay, Greenland, 1977. Proceedings of Conf. on Assessment of Ecological Impacts of Oil Spills. June 14-17, 1978. Keystone, Colorado. Am. Inst. Biol. Sc. pp. 332-343.

78-0005 Fissel, D.B. and G.R. Wilton, 1980. Subsurface current measurements in western Baffin Bay and Lancaster Sound, 1978-1979. Unpub. data rep. by Arctic Sciences, Sidney, B.C. for Petro-Canada Ltd., Calgary, Alberta. 57 p., appendices.

Fissel, D.B., 1980a. Satellite-tracked drifting buoy movements in Baffin Bay and Lancaster sound. Summer 1978 and 1979. Unpub. data report by Arctic Sciences Ltd., Sidney, B.C. for Petro-Canada Ltd., Calgary, Alberta 40 p., appendices.

Fissel, D.B., 1980b. Satellite-tracked iceberg movements in Baffin Bay and Lancaster Sound - summer, 1978 and 1979. Unpub. data report by Arctic Sciences Ltd., Sidney, B.C. Petro-Canada Ltd., Calgary, Alberta. 27 p., appendices.

Fissel, D.B. and J.R. Birch, 1980. Current profile measurements in western Baffin Bay and Lancaster Sound, summers 1978 and 1979. Unpub. rept. by Arctic Sciences Ltd., Sidney, B.C. for Petro-Canada Ltd., Calgary, Alberta. Data Report No. 4, 17 p., appendices.

Fissel, D.B., D.D. Lemon and J.R. Birch, 1981. Environmental Studies No. 25. The Physical Oceanography of Western Baffin Bay and Lancaster Sound, Summers 1978 and 1979. Dept. of Indian and Northern Affairs, Northern Affairs Program, Ottawa. 293 p.

Lemon, D.D., 1980. CTD data from western Baffin Bay and Lancaster Sound, 1978 and 1979. Unpub. report by Arctic Sciences Ltd., Sidney, B.C. for Petro-Canada Ltd., Calgary, Alberta 52 p., appendices.

Fissel, D.B., D.D. Lemon and J.R. Birch, 1982. Major features of the summer near-surface circulation of western Baffin Bay, 1978 and 1979. Arctic 35(1): 180-200.

Fissel, D.B., 1982. Tidal currents and inertial oscillations in northwestern Baffin Bay. Arctic 35(1): 201-210.

Lemon, D.D. and D.B. Fissel, 1982. Seasonal variations in currents and water properties in northwestern Baffin Bay, 1978-1979. Arctic 35(1): 211-218.

Marko, J.R., 1982. Environmental Studies No. 26. The Ice Environment of Eastern Lancaster Sound and Western Baffin Bay. Dept. of Indian and Northern Affairs, Northern Affairs Program, Ottawa. 215 p., unnumbered appendices.

Marko, J.R., J.R. Birch and M.A. Wilson, 1982. A study of long-term satellite-tracked iceberg drifts in Baffin Bay and Davis Strait. Arctic 35(1): 234-240.

78-0020 Bedford Institute of Oceanography. Cruise report 78-026. Dartmouth, N.S. 47 p.

Harrison, W.G., T. Platt and B. Irwin, 1982. Primary production and nutrient assimilation by natural phytoplankton populations of the eastern Canadian Arctic. Can. J. Fish. and Aq. Sc. 39(2): 335-345.

78-0023 Danish Hydraulic Institute, 1979a. Environmental conditions offshore west Greenland, Vol. 1-4. Danish Hydr. Inst., Greenland Tech. Org., Horsholm, Dec. 1979. 364 p., appendices

78-0024 Fissel, D.B. and G.R. Wilton, 1980. Subsurface current measurements in western Baffin Bay and Lancaster Sound, 1978-1979. Unpub. rep. by Arctic Sciences Ltd., Sidney, B.C. for Petro-Canada Ltd., Calgary, Alberta. 57 p., appendices.

Fissel, D.B., D.D. Lemon and J.R. Birch, 1982. Major features of the summer near-surface circulation of western Baffin Bay, 1978 and 1979. Arctic 35(1): 180-200.

Fissel, D.B., 1982. Tidal currents and inertial oscillations in northwestern Baffin Bay. Arctic 35(1): 201-210.

Lemon, D.D. and D.B. Fissel, 1982. Seasonal variations in currents and water properties in northwestern Baffin Bay, 1978-1979. Arctic 35(1): 211-218.

78-0025 Grønlands Geologiske Undersøgelse, 1978. Recipientundersøgelse 1977-1978 Agfardlikavsa Qumarujuk. Gron Geo., Und. Fiskl, Inst. Petro. 61 p.

Grønlands Geologiske Undersøgelse, 1980. Recipientundersøgelse 1978-1979 Agfardlikavsa Qumarujuk. Gron Geo., Und. Fiskl, Inst. Petro. 123 p.

Danish Hydraulic Institute, 1979b. Marmorilik Hydrografiske Undersøgelser 1978. DHI, Greenex A/S Harsholm, Apr. 1979, 104 pp.

Lewis, E.L. and R.G. Perkin, 1982. Seasonal mixing processes in an arctic fjord system. Jour. Phys. Ocean. 12(1): 74-83.

Nielsen, T.K. and N.E.O. Hansen, 1980. Mixing and exchange processes in a small Greenland sill sjord. In Fjord Oceanography. NATO Conf. on Fjord Oceanogr., Victoria, B.C., June 1979, pp. 219-224.

Asmund, G., 1980. Water movements traced by metals dissolved from mine tailings deposited in a fjord in northwest Greenland. In Fjord Oceanography, Eds. Freeland, Farmer and Levings. Proceeding of Conf. at Victoria, B.C., June 1979, pp. 347-353.

79-0011 See 78-0005.

79-0023 Danish Hydraulic Institute, 1980. Current recordings in Marmorilik, October 10-22, 1979. Danish Hydraulic Institute, Horsholm, Jan. Rep., Horsholm, 17 p.

Grønlands Geologiske Undersøgelse, 1980. Recipientundersøgelse 1978-1979 Agfardlikavsa Qumarujuk. Gron Geo., Und. Fiskl, Inst. Petro. 123 p.

Lewis, E.L. and R.G. Perkin, 1982. Seasonal mixing processes in an arctic fjord system. Jour. Phys. Ocean. 12(1): 74-83.

80-0008 Fissel, D.B. and J.R. Birch, 1981. A physical oceanographic study of northwestern Baffin Bay, summer 1980. Unpub. rep. by Arctic Sciences Ltd., Sidney, B.C. for Petro-Canada Ltd., Calgary, Alberta. Data Report No. 4, 17 p., appendices.

80-0017 Bedford Institute of Oceanography, 1980b. Cruise Report No. 80-028. Atlantic Geoscience Centre, Dartmouth, N.S. 31 p.

11. LISTING OF MEASUREMENT LOCATIONS AND OTHER PARAMETERS, BY YEAR

This section gives detailed listings of measurement locations and times for each of the data sets plotted on the maps in Section 9. (Drifter data sets whose measurement locations were plotted as hatched areas are not listed.) There are separate listings for temperature-salinity data, current meter data and water level data. Each listing is ordered by data set number. An explanation of the format appears at the start of each listing. Only data collected within the area of this inventory is listed here; measurements taken elsewhere may be found in the inventories for those areas.

11.1 TEMPERATURE-SALINITY DATA

The listings contain the following information:

AREA	General area of station.
STN	Station number; wherever possible it is the station number assigned in the original data source.
LAT, LONG	In degrees and minutes.
YR	Year
MO	Month
DY	Day
HR	Hour (GMT)
CAST TO	Maximum depth of data, in metres.
WATER DEPTH	In metres, if available.
PARAM MEAS	Parameters measured - conductivity, salinity, temperature. Each parameter measured is qualified by one of the following: X - measurements of this parameter were made CA - possible calibration problems S - suspect readings C - constant readings over parts of record O - zero or obviously bad readings
INSTR	Instrument type: BOT - bottle sample GLDL - Guideline CTD AAND - Aanderaa current meter BECK - Beckman INTO - Interocean CTD YSIC - Yellow Springs Instruments Co. BISS - Bisset Berman STD AMS - Applied Microsystems CTD HYT - Hytech induction salinometer
INT(HR)	The time period between repeat stations.
NO	The number of repeat stations.

Blank entries indicate unavailable or inapplicable data.
? implies suspect data, but the only/best data available.

BOTTLE/CTD DATA SET NUMBER: 08-0002
YEAR:1908 VESSEL/AGENCY: TJALFE

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS		69	12.0	52	8.0	8	7	16					X	X			

BOTTLE/CTD DATA SET NUMBER: 16-0001
YEAR:1916 VESSEL/AGENCY: THULE2

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	1	69	15.0	52	34.0	16	7	2		400	439		X	X	BOTT		
DISKO IS	2	69	16.5	51	52.5	16	7	6		400	444		X	X	BOTT		
DISKO IS	3	69	12.0	54	20.0	16	7	21		90	105		X	X	BOTT		
DISKO IS	4	69	13.0	53	57.0	16	7	21		0				X	BOTT		
DISKO IS	5	69	13.0	53	.0	16	7	22		0				X	BOTT		
DISKO IS	6	69	13.0	52	20.0	16	7	22		150			X	X	BOTT		
DISKO IS	7	69	17.0	53	.0	16	7	22		0				X	BOTT		
DISKO IS	8	69	15.0	54	.0	16	8	1		70	75		X	X	BOTT		
DISKO IS	9	69	40.0	55	.0	16	8	1		0			X	X	BOTT		
DISKO IS	10	70	27.0	55	40.0	16	8	2		100	106		X	X	BOTT		
DISKO IS	11	71	11.0	56	.0	16	8	2		0			X	X	BOTT		
DISKO IS	12	72	.0	56	20.0	16	8	3		170	175		X	X	BOTT		
DISKO IS	13	72	30.0	56	12.0	16	8	3		120	135		X	X	BOTT		

WEST GREENLA	14	73	28.0	56	48.0	16	8	5	500		X	X	BOTT
WEST GREENLA	15	73	56.0	57	50.0	16	8	5	0		X	X	BOTT
MELV BAY	16	74	30.0	59	30.0	16	8	6	500		X	X	BOTT
MELV BAY	17	74	40.0	62	.0	16	8	12	500		X	X	BOTT
MELV BAY	19	74	55.0	62	45.0	16	8	17	500		X	X	BOTT
MELV BAY	20	75	21.0	65	30.0	16	9	2	500		X	X	BOTT
MELV BAY	21	75	46.0	65	50.0	16	9	15	500		X	X	BOTT
MELV BAY	22	75	50.0	66	50.0	16	9	20	350	350	X	X	BOTT
SMITH SD	23	76	2.0	68	30.0	16	9	22	75	78	X	X	BOTT
SMITH SD	24	76	30.0	69	30.0	16	9	23	170	170	X	X	BOTT
SMITH SD	26	76	30.0	69	30.0	16	11	2	200	207	X	X	BOTT
SMITH SD	27	76	30.0	69	30.0	16	11	30	200	220	X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 24-0001
YEAR:1924 VESSEL/AGENCY: MICHAEL SARS

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
DISKO IS	19	68	12.0	55	.0	24	8	15	16	35	40		X	X	BOTT		
DISKO IS	16	68	28.0	56	7.0	24	8	14	16	300	350		X	X	BOTT		
DISKO IS	18	69	13.0	52	54.0	24	8	15	16	700	810		X	X	BOTT		
BAFFIN B	17	68	28.0	64	40.0	24	8	14	16	350	360		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 25-0001
YEAR:1925 VESSEL/AGENCY: DANA

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
DISKO IS	192	69 10.0	53 32.0	25 6 29	250	280		X	X	BOTT		
DISKO IS	191	69 28.0	54 16.0	25 6 28	65	65		X	X	BOTT		
DISKO IS	190	69 28.0	55 .0	25 6 28	125	152		X	X	BOTT		
DISKO IS	189	69 30.0	56 32.0	25 6 27	190	202		X	X	BOTT		
MELV BAY	274	75 40.0	66 33.0	25 8 14	390	410		X	X	BOTT		
DISKO IS	272	68 50.0	52 48.0	25 6 22	500	650		X	X	BOTT		
DISKO IS	193	68 52.0	53 32.0	25 6 29	750	775		X	X	BOTT		
DISKO IS	185	68 .0	54 30.0	25 6 26	70	74		X	X	BOTT		
DISKO IS	186	68 5.0	56 .0	25 6 26	140	149		X	X	BOTT		
DISKO IS	187	68 5.0	56 41.0	25 6 26	200	218		X	X	BOTT		
DISKO IS	188	68 8.0	57 30.0	25 6 26	390	398		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 28-0001
YEAR:1928 VESSEL/AGENCY: GODTHAAB

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
DISKO IS	152	69 44.0	51 40.0	28 9 7	210	230		X	X	BOTT		
DISKO IS	153	69 44.0	51 30.0	28 9 7	460	480		X	X	BOTT		
DISKO IS	154	69 44.0	51 22.0	28 9 7	520	540		X	X	BOTT		

DISKO IS	44	69	3.0	53	4.0	28	7	7	340	360	X	X BOTT
DISKO IS	45	69	7.0	53	5.0	28	7	7	200	225	X	X BOTT
DISKO IS	46	69	12.0	53	24.0	28	7	7	170	180	X	X BOTT
DISKO IS	155	69	8.0	53	14.0	28	9	9	280	305	X	X BOTT
DISKO IS	47	69	41.0	55	1.0	28	7	13	70	80	X	X BOTT
DISKO IS	48	69	41.0	55	30.0	28	7	13	110	120	X	X BOTT
DISKO IS	49	69	43.0	56	20.0	28	7	13	150	160	X	X BOTT
DISKO IS	50	69	44.0	57	22.0	28	7	13	200	215	X	X BOTT
BAFFIN B	51	69	45.0	58	25.0	28	7	14	310	320	X	X BOTT
BAFFIN B	52	69	46.0	59	43.0	28	7	14	915	930	X	X BOTT
BAFFIN B	53	69	47.0	60	56.0	28	7	14	1650	1685	X	X BOTT
BAFFIN B	54	69	50.0	61	36.0	28	7	14	1860	1880	X	X BOTT
DISKO IS	144	70	51.0	52	1.0	28	9	4	700	733	X	X BOTT
DISKO IS	145	70	47.0	52	10.0	28	9	4	465	490	X	X BOTT
DISKO IS	146	70	44.0	52	16.0	28	9	4	550	570	X	X BOTT
DISKO IS	150	70	8.0	52	33.0	28	9	7	360	380	X	X BOTT
DISKO IS	151	70	5.0	52	44.0	28	9	7	280	300	X	X BOTT
DISKO IS	147	70	18.0	53	53.0	28	9	6	290	315	X	X BOTT
DISKO IS	148	70	20.0	53	50.0	28	9	6	550	575	X	X BOTT
DISKO IS	149	70	22.0	53	47.0	28	9	6	375	400	X	X BOTT
DISKO IS	142	70	59.0	54	2.0	28	9	4	580	600	X	X BOTT
DISKO IS	143	70	53.0	54	3.0	28	9	4	670	685	X	X BOTT
DISKO IS	139	71	21.0	54	27.0	28	9	3	35	47	X	X BOTT
DISKO IS	140	71	14.0	54	24.0	28	9	3	70	80	X	X BOTT
DISKO IS	141	71	8.0	54	6.0	28	9	3	345	360	X	X BOTT
BAFFIN B	56	71	37.0	59	58.0	28	7	17	800	830	X	X BOTT
DISKO IS	62	72	37.0	56	31.0	28	7	22	215	230	X	X BOTT
DISKO IS	63	72	56.0	56	55.0	28	7	28	390	410	X	X BOTT
DISKO IS	61	72	34.0	57	36.0	28	7	21	175	190	X	X BOTT
BAFFIN B	60	72	30.0	59	2.0	28	7	21	225	245	X	X BOTT
BAFFIN B	64	73	12.0	58	8.0	28	7	28	820	850	X	X BOTT
BAFFIN B	65	73	31.0	59	36.0	28	7	28	200	225	X	X BOTT
MELV BAY	68	74	20.0	58	38.0	28	7	29	370	384	X	X BOTT
MELV BAY	69	74	28.0	58	4.0	28	7	29	450	465	X	X BOTT
MELV BAY	67	74	5.0	59	54.0	28	7	29	500	540	X	X BOTT
MELV BAY	70	74	31.0	59	35.0	28	7	30	700	720	X	X BOTT
BAFFIN B	55	70	5.0	62	32.0	28	7	16	1750	2030	X	X BOTT
BAFFIN B	57	72	28.0	60	42.0	28	7	18	700	730	X	X BOTT
BAFFIN B	58	72	26.0	61	56.0	28	7	18	1950	2000	X	X BOTT

BAFFIN B	59	72	26.0	62	44.0	28	7	19	2100	2200	X	X BOTT
BAFFIN B	66	73	49.0	61	10.0	28	7	29	475	490	X	X BOTT
MELV BAY	71	74	34.0	61	15.0	28	7	30	720	740	X	X BOTT
MELV BAY	72	74	37.0	62	51.0	28	7	30	260	275	X	X BOTT
MELV BAY	73	74	52.0	62	12.0	28	7	30	430	450	X	X BOTT
BAFFIN B	136	74	50.0	69	.0	28	8	23	1475	1500	X	X BOTT
MELV BAY	76	75	36.0	60	34.0	28	7	31	280	300	X	X BOTT
MELV BAY	74	75	6.0	61	36.0	28	7	30	730	745	X	X BOTT
MELV BAY	75	75	22.0	61	4.0	28	7	31	500	720	X	X BOTT
MELV BAY	77	75	26.0	62	26.0	28	7	31	790	820	X	X BOTT
MELV BAY	78	75	18.0	64	10.0	28	8	1	150	163	X	X BOTT
MELV BAY	79	75	8.0	65	45.0	28	8	1	275	290	X	X BOTT
MELV BAY	80	75	23.0	65	36.0	28	8	1	180	200	X	X BOTT
MELV BAY	138	75	9.0	65	45.0	28	8	24	290	320	X	X BOTT
MELV BAY	82	75	44.0	66	6.0	28	8	1	650	667	X	X BOTT
MELV BAY	83	75	51.0	66	24.0	28	8	2	490	515	X	X BOTT
MELV BAY	84	75	53.0	66	27.0	28	8	2	55	65	X	X BOTT
BAFFIN B	137	75	2.0	67	12.0	28	8	24	980	1000	X	X BOTT
SMITH SD	85	76	35.0	68	16.0	28	8	3	140	150	X	X BOTT
SMITH SD	86	76	36.0	68	54.0	28	8	4	195	210	X	X BOTT
SMITH SD	107	76	25.0	69	38.0	28	8	14	145	165	X	X BOTT
SMITH SD	92	77	28.0	67	30.0	28	8	6	720	740	X	X BOTT
SMITH SD	91	77	22.0	68	33.0	28	8	6	400	700	X	X BOTT
SMITH SD	93	77	26.0	68	40.0	28	8	6	900	930	X	X BOTT
SMITH SD	94	77	28.0	68	46.0	28	8	6	850	875	X	X BOTT
SMITH SD	90	77	17.0	69	59.0	28	8	5	910	930	X	X BOTT
BAFFIN B	135	74	41.0	70	30.0	28	8	23	1180	1200	X	X BOTT
BAFFIN B	134	74	33.0	72	44.0	28	8	23	850	890	X	X BOTT
BAFFIN B	133	74	26.0	74	23.0	28	8	22	620	635	X	X BOTT
BAFFIN B	132	74	20.0	75	56.0	28	8	22	650	685	X	X BOTT
BAFFIN B	130	74	5.0	77	50.0	28	8	22	800	825	X	X BOTT
BAFFIN B	131	74	12.0	77	.0	28	8	22	650	680	X	X BOTT
BAFFIN B	129	74	1.0	78	22.0	28	8	22	850	870	X	X BOTT
SMITH SD	108	76	26.0	70	20.0	28	8	15	130	150	X	X BOTT
SMITH SD	109	76	28.0	71	5.0	28	8	15	370	390	X	X BOTT
SMITH SD	110	76	29.0	72	13.0	28	8	15	620	640	X	X BOTT
SMITH SD	111	76	37.0	73	13.0	28	8	16	545	567	X	X BOTT
SMITH SD	112	76	37.0	74	18.0	28	8	16	560	580	X	X BOTT
SMITH SD	113	76	38.0	75	22.0	28	8	16	325	345	X	X BOTT

SMITH SD	114	76	40.0	76	20.0	28	8	16	75	85	X	X	BOTT
SMITH SD	115	76	39.0	77	12.0	28	8	16	260	273	X	X	BOTT
SMITH SD	88	77	22.0	70	.0	28	8	5	725	745	X	X	BOTT
SMITH SD	89	77	19.0	70	.0	28	8	5	920	950	X	X	BOTT
SMITH SD	87	77	6.0	71	13.0	28	8	4	760	790	X	X	BOTT
SMITH SD	106	77	.0	71	43.0	28	8	12	835	858	X	X	BOTT
SMITH SD	105	77	27.0	72	45.0	28	8	11	150	170	X	X	BOTT
SMITH SD	103	77	31.0	73	36.0	28	8	10	200	215	X	X	BOTT
SMITH SD	104	77	29.0	73	2.0	28	8	10	150	170	X	X	BOTT
SMITH SD	102	77	34.0	74	32.0	28	8	9	580	600	X	X	BOTT
SMITH SD	100	77	40.0	75	17.0	28	8	9	620	650	X	X	BOTT
SMITH SD	101	77	44.0	75	56.0	28	8	9	580	610	X	X	BOTT
SMITH SD	95	78	14.0	73	.0	28	8	8	70	79	X	X	BOTT
SMITH SD	96	78	15.0	73	10.0	28	8	8	160	177	X	X	BOTT
SMITH SD	97	78	16.0	73	29.0	28	8	8	275	290	X	X	BOTT
SMITH SD	98	78	16.0	73	41.0	28	8	8	700	734	X	X	BOTT
SMITH SD	99	78	14.0	74	10.0	28	8	8	100	672	X	X	BOTT
ECLIPSE	127	73	56.0	82	6.0	28	8	20	675	700	X	X	BOTT
ECLIPSE	128	73	53.0	82	8.0	28	8	20	775	775	X	X	BOTT
JONES SD	119	75	54.0	81	1.0	28	8	17	600	610	X	X	BOTT
JONES SD	120	75	49.0	81	4.0	28	8	17	550	575	X	X	BOTT
JONES SD	121	75	45.0	81	6.0	28	8	18	235	255	X	X	BOTT
SMITH SD	116	76	8.0	80	53.0	28	8	17	70	80	X	X	BOTT
SMITH SD	117	76	4.0	80	56.0	28	8	17	670	690	X	X	BOTT
SMITH SD	118	76	.0	80	59.0	28	8	17	650	665	X	X	BOTT
DISKO IS	42	68	50.0	52	47.0	28	7	6	330	335	X	X	BOTT
DISKO IS	43	68	56.0	52	55.0	28	7	6	180	200	X	X	BOTT
DISKO IS	156	68	58.0	52	53.0	28	9	9	165	185	X	X	BOTT
DISKO IS	157	68	50.0	52	47.0	28	9	10	685	685	X	X	BOTT
DISKO IS	158	68	31.0	53	57.0	28	9	11	500	520	X	X	BOTT
DISKO IS	159	68	24.0	56	12.0	28	9	12	450	480	X	X	BOTT
BAFFIN B	160	68	17.0	58	14.0	28	9	12	375	410	X	X	BOTT
BAFFIN B	161	68	7.0	59	27.0	28	9	13	1200	1250	X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 28-0002
YEAR:1928 VESSEL/AGENCY: MARION

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	INSTR T	INT HR	NO
DISKO IS	67	69	11.0	51	42.0	28	8	8			410			X BOTT		
DISKO IS	68	69	12.0	51	10.0	28	8	8			250			X BOTT		
DISKO IS	65	69	12.0	52	49.0	28	8	8			557			X BOTT		
DISKO IS	66	69	12.0	52	13.0	28	8	8			492			X BOTT		
DISKO IS	64	69	9.0	53	32.0	28	8	7		240	250		X	X BOTT		
DISKO IS	72	69	20.0	54	8.0	28	8	13			60			X BOTT		
DISKO IS	73	69	12.0	54	46.0	28	8	13			127			X BOTT		
DISKO IS	74	69	5.0	55	23.0	28	8	13			187			X BOTT		
DISKO IS	69	70	14.0	52	42.0	28	8	11			131			X BOTT		
DISKO IS	70	70	12.0	52	51.0	28	8	11			500			X BOTT		
DISKO IS	71	70	9.0	52	55.0	28	8	11			150			X BOTT		
DISKO IS	62	68	30.0	53	30.0	28	8	7			316			X BOTT		
DISKO IS	63	68	55.0	53	25.0	28	8	7			799			X BOTT		
DISKO IS	61	68	25.0	54	23.0	28	8	7			500			X BOTT		
DISKO IS	60	68	19.0	55	14.0	28	8	7			461			X BOTT		
DISKO IS	75	68	56.0	56	10.0	28	8	14			177			X BOTT		
DISKO IS	76	68	49.0	57	7.0	28	8	14			205			X BOTT		
DISKO IS	77	68	31.0	57	28.0	28	8	14			275			X BOTT		
DISKO IS	78	68	15.0	57	50.0	28	8	14			216			X BOTT		

BOTTLE/CTD DATA SET NUMBER: 30-0001
YEAR:1930 VESSEL/AGENCY: VILLE D'YS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	32	68	6.0	55	.0	30	8	15		50				X			

BOTTLE/CTD DATA SET NUMBER: 31-0001
YEAR:1931 VESSEL/AGENCY: LA MADELEINE

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	M31	68	.0	55	.0	31	8	5		40				X			
DISKO IS	M32	68	3.0	55	.0	31	8	6		42				X			

BOTTLE/CTD DATA SET NUMBER: 31-0002
YEAR:1931 VESSEL/AGENCY: ST. JEANNE D'ARC

AREA	STN	LAT DEG	LAT MIN	LONG DEG	LONG MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO ISLAND	SJ18	68	0.0	55	18.0	31	8	18		39				X			

BOTTLE/CTD DATA SET NUMBER: 32-0002
YEAR:1932 VESSEL/AGENCY: VICTORIA (FRENCH)

AREA	STN	LAT DEG	LAT MIN	LONG DEG	LONG MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO ISLAND	3	68	3.0	54	0.0	32	9	12		50				X			

BOTTLE/CTD DATA SET NUMBER: 32-0001
YEAR:1932 VESSEL/AGENCY: VILLE D'YS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	54	70	16.0	55	24.0	32	8	11	21	73				X			
DISKO IS	55	70	43.0	55	8.0	32	8	12	1	35				X			
DISKO IS	56	69	6.0	54	2.0	32	8	17	22	250				X			
DISKO IS	57	68	37.0	55	10.0	32	8	18	4	40				X			

BOTTLE/CTD DATA SET NUMBER: 36-0001
YEAR:1936 VESSEL/AGENCY:

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS		69	47.0	50	20.0	36	8	9		100			X	X	BOT		
DISKO IS		69	47.0	50	20.0	36	8	22		50			X	X	BOT		
DISKO IS		69	54.0	50	25.0	36	8	3		100			X	X	BOT		

BOTTLE/CTD DATA SET NUMBER: 37-0002A
YEAR:1937 VESSEL/AGENCY: VILLE D'YS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
DISKO IS	802	69	34.0	54	23.0	37	8	26		20	30			X	BOTT	
DISKO IS	803	69	45.0	54	48.0	37	9	6		30	32			X	BOTT	
DISKO IS	804	69	45.0	54	48.0	37	9	7		30	32			X	BOTT	
DISKO IS	805	69	38.0	54	50.0	37	9	9		31	33			X	BOTT	
DISKO IS	806	69	38.0	54	50.0	37	9	10		28	30			X	BOTT	
DISKO IS	807	69	52.0	54	53.0	37	9	14		100	105			X	BOTT	
DISKO IS	808	69	45.0	54	48.0	37	9	15		35	40			X	BOTT	
DISKO IS	809	69	40.0	54	57.0	37	9	18		41	45			X	BOTT	
DISKO IS	810	69	33.0	54	34.0	37	9	20		27	30			X	BOTT	
DISKO IS	811	69	38.0	54	50.0	37	9	21		24	26			X	BOTT	
DISKO IS	812	69	33.0	54	20.0	37	9	22		125	135			X	BOTT	
DISKO IS	813	69	38.0	54	50.0	37	9	24		27	30			X	BOTT	
DISKO IS	814	69	32.0	54	12.0	37	9	25		33	36			X	BOTT	
DISKO IS	815	69	32.0	54	12.0	37	9	25		10	36			X	BOTT	
DISKO IS	816	69	32.0	54	12.0	37	9	26		30	36			X	BOTT	
DISKO IS	817	69	26.0	54	19.0	37	9	27		37	40			X	BOTT	
DISKO IS	818	69	35.0	55	30.0	37	8	25		137	147			X	BOTT	
BAFFIN B	819	69	11.0	66	44.0	37	8	19		27	29		X	X	BOTT	
DISKO IS	289	68	33.0	54	53.0	37	7	20		250			X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 37-0002B
YEAR:1937 VESSEL/AGENCY: STEADY

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR INT NO HR
DISKO IS		69 34.0	54 23.0	37 8 26	20				X	
DISKO IS		69 45.0	54 48.0	37 9 6	30				X	
DISKO IS		69 45.0	54 48.0	37 9 7	30				X	
DISKO IS		69 38.0	54 50.0	37 9 9	31				X	
DISKO IS		69 38.0	54 50.0	37 9 10	28				X	
DISKO IS		69 52.0	54 53.0	37 9 14	100				X	
DISKO IS		69 45.0	54 48.0	37 7 15	35				X	
DISKO IS		69 40.0	54 57.0	37 9 18	41				X	
DISKO IS		69 33.0	54 34.0	37 9 20	27				X	
DISKO IS		69 38.0	54 50.0	37 9 21	24				X	
DISKO IS		69 33.0	54 20.0	37 9 22	125				X	
DISKO IS		69 38.0	54 50.0	37 9 23	0				X	
DISKO IS		69 38.0	54 50.0	37 9 24	27				X	
DISKO IS		69 32.0	57 12.0	37 9 25	33				X	
DISKO IS		69 32.0	54 12.0	37 9 25	10				X	
DISKO IS		69 32.0	54 12.0	37 9 26	30				X	
DISKO IS		69 26.0	54 19.0	37 9 27	37				X	
DISKO IS		69 26.0	54 20.0	37 9 28	0				X	
DISKO IS		69 35.0	55 30.0	37 8 25	137			X	X	

BOTTLE/CTD DATA SET NUMBER: 38-0001
YEAR:1938 VESSEL/AGENCY: VILLE D'YS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	77	70	45.0	55	8.0	38	7	16		400			X	X	BOTT		
DISKO IS	76	68	27.0	54	12.0	38	7	18		45			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 40-0001
YEAR:1940 VESSEL/AGENCY: NORTHLAND

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	269	70	41.0	64	23.0	40	9	17		1861	2142		X	X	BOTT		
BAFFIN B	268	70	31.0	65	38.0	40	9	17		1365	1365		X	X	BOTT		
BAFFIN B	266	70	28.0	66	22.0	40	9	17		175	188		X	X	BOTT		
BAFFIN B	267	70	27.0	66	5.0	40	9	17		603	642		X	X	BOTT		
BAFFIN B	264	70	16.0	67	31.0	40	9	16		47	57		X	X	BOTT		
BAFFIN B	265	70	20.0	67	16.0	40	9	17		100	110		X	X	BOTT		
BAFFIN B	262	72	49.0	69	37.0	40	9	15		1754	1800		X	X	BOTT		
BAFFIN B	263	73	10.0	69	37.0	40	9	15		1438	2140		X	X	BOTT		
BAFFIN B	257	71	48.0	72	53.0	40	9	14		333	333		X	X	BOTT		
BAFFIN B	258	71	55.0	72	22.0	40	9	14		653	683		X	X	BOTT		
BAFFIN B	261	72	26.0	70	23.0	40	9	15		1158	1632		X	X	BOTT		
BAFFIN B	260	72	14.0	71	17.0	40	9	14		1250	1265		X	X	BOTT		

BAFFIN B	259	72	4.0	72	.0	40	9	14		652	803		X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 40-0002
YEAR:1940 VESSEL/AGENCY: CANADA

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
CLYDE R.		70	23.0	68	35.0	40	9	11		50				X			
CLYDE R.		70	23.0	68	35.0	40	9	17		50			X	X			
PANG.		66	7.5	66	.0	40	9	22		50			X	X			

BOTTLE/CTD DATA SET NUMBER: 42-0001
YEAR:1942 VESSEL/AGENCY:

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS		69	15.0	53	34.0	42	7	31		75				X			
DISKO IS		72	43.0	56	11.0	42	8	30		75				X			

BOTTLE/CTD DATA SET NUMBER: 43-0001
YEAR:1943 VESSEL/AGENCY:

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS		70	.0	52	20.0	43	9	15		75				X			

BOTTLE/CTD DATA SET NUMBER: 46-0001
YEAR:1946 VESSEL/AGENCY: NORTHWIND

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN BAY	2	72	48.0	58	30.0	46	7	14		150	187		X	X	BOT		
DISKO IS	3	70	36.0	57	20.0	46	7	14		450	459		X	X	BOT		
DISKO IS	4	71	42.0	57	51.0	46	7	15		200			X	X	BOT		
BAFFIN BAY	5	72	51.0	58	29.0	46	7	15		193	360		X	X	BOT		
BAFFIN BAY	6	73	37.0	59	32.0	46	7	15		200	229		X	X	BOT		
MELV BAY	7	74	22.0	62	35.0	46	7	16		394	446		X	X	BOT		
MELV BAY	8	74	38.0	62	47.0	46	7	16		200	256		X	X	BOT		
MELV BAY	9	74	10.0	60	54.0	46	7	16		500	622		X	X	BOT		
BAFFIN BAY	10	73	39.0	60	26.0	46	7	17		295	344		X	X	BOT		
BAFFIN BAY	11	73	49.0	59	5.0	46	7	18		350	402		X	X	BOT		
MELV BAY	12	74	16.0	59	5.0	46	7	20		700	804		X	X	BOT		
BAFFIN BAY	14	74	32.0	79	50.0	46	7	24		500	625		X	X	BOT		
BAFFIN BAY	15	74	52.0	75	51.0	46	7	25		450	464		X	X	BOT		

BAFFIN BAY	16	74	46.0	74	25.0	46	7	26	591	622	X	X BOT
BAFFIN BAY	17	74	40.0	77	8.0	46	7	26	300	347	X	X BOT
BAFFIN BAY	18	74	38.0	78	28.0	46	7	27	345	384	X	X BOT
SMITH SD	21	76	38.0	68	48.0	46	8	6	30	31	X	X BOT
BAFFIN BAY	22	75	23.0	73	54.0	46	8	6	470	556	X	X BOT
BAFFIN BAY	23	75	11.0	74	53.0	46	8	6	443	483	X	X BOT
NARES ST	35	80	50.0	67	50.0	46	8	24	345	373	X	X BOT
NARES ST	36	80	33.0	68	20.0	46	8	24	300	320	X	X BOT
NARES ST	37	80	18.0	67	42.0	46	8	24	325	345	X	X BOT

BOTTLE/CTD DATA SET NUMBER: 48-0001
YEAR:1948 VESSEL/AGENCY: EASTWIND

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
BAFFIN B	4	71	33.0	66	39.0	48	7	22		122	2322		X	X	BOTT		
SMITH SD	5	78	39.0	73	55.0	48	7	31		122	530		X	X	BOTT		
NARES ST	6	79	13.0	71	15.0	48	8	1		121	310		X	X	BOTT		
ECLIPSE	11	72	51.0	80	22.0	48	8	11		122	146		X	X	BOTT		
NARES ST	10	81	43.0	63	20.0	48	8	7		122	457		X	X	BOTT		
NARES ST	7	82	20.0	60	55.0	48	8	3		122	338		X	X	BOTT		
NARES ST	8	82	7.0	61	33.0	48	8	4		122	475		X	X	BOTT		
NARES ST	9	82	10.0	61	15.0	48	8	5		122	504		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 48-0003
YEAR:1948 VESSEL/AGENCY: HEIMDAL,STEENSTRUP

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	261	69	58.0	52	30.0	48	7	14		350	450		X	X	BOTT		
DISKO IS	262	69	55.0	52	33.0	48	7	14		300	320		X	X	BOTT		
DISKO IS	263	69	54.0	52	35.0	48	7	14		120	130		X	X	BOTT		
DISKO IS	274	70	26.0	51	14.0	48	7	22		550	600		X	X	BOTT		
DISKO IS	275	70	3.0	52	23.0	48	7	13		330	357		X	X	BOTT		
DISKO IS	276	70	1.0	52	27.0	48	7	13		400	502		X	X	BOTT		
DISKO IS	277	70	45.0	52	22.0	48	7	24		400			X	X	BOTT		
DISKO IS	278	70	59.0	53	25.0	48	7	24		575			X	X	BOTT		
DISKO IS	279	70	50.0	53	30.0	48	7	26		475			X	X	BOTT		
DISKO IS	280	70	38.0	54	38.0	48	7	11		400	435		X	X	BOTT		
DISKO IS	281	70	18.0	54	30.0	48	7	15		120	130		X	X	BOTT		
DISKO IS	282	70	19.0	54	35.0	48	7	15		250	265		X	X	BOTT		
DISKO IS	283	70	20.0	54	37.0	48	7	15		250	263		X	X	BOTT		
DISKO IS	284	70	22.0	54	41.0	48	7	15		200	240		X	X	BOTT		
DISKO IS	285	70	30.0	54	49.0	48	7	15		100	113		X	X	BOTT		
DISKO IS	286	70	33.0	54	45.0	48	7	15		180	193		X	X	BOTT		
DISKO IS	287	70	34.0	54	42.0	48	7	15		350	363		X	X	BOTT		
DISKO IS	288	70	37.0	54	37.0	48	7	15		300			X	X	BOTT		
DISKO IS	289	70	35.0	55	19.0	48	7	31		150	170		X	X	BOTT		
DISKO IS	290	70	39.0	55	47.0	48	7	31		110	117		X	X	BOTT		
DISKO IS	291	70	49.0	56	52.0	48	7	30		480	516		X	X	BOTT		
DISKO IS	292	70	45.0	56	26.0	48	7	30		450	475		X	X	BOTT		
DISKO IS	293	71	.0	53	35.0	48	7	24		525	590		X	X	BOTT		
DISKO IS	249	68	45.0	54	.0	48	8	30		490	510		X	X	BOTT		
DISKO IS	250	68	45.0	54	41.0	48	8	30		175	183		X	X	BOTT		
DISKO IS	251	68	15.0	54	28.0	48	9	3		190	212		X	X	BOTT		
DISKO IS	252	68	45.0	55	23.0	48	8	30		250	264		X	X	BOTT		

DISKO IS	253	68	15.0	55	20.0	48	9	3	300	340	X	X BOTT
DISKO IS	254	68	45.0	56	46.0	48	8	30	300	310	X	X BOTT
DISKO IS	255	68	15.0	56	28.0	48	9	3	300	320	X	X BOTT
DISKO IS	256	68	15.0	57	49.0	48	9	3	390	406	X	X BOTT
BAFFIN B	257	68	45.0	58	8.0	48	8	31	283	300	X	X BOTT
BAFFIN B	258	68	15.0	58	41.0	48	9	3	300	320	X	X BOTT
BAFFIN B	259	68	45.0	59	.0	48	8	31	400	420	X	X BOTT
BAFFIN B	260	68	15.0	59	38.0	48	9	3	560	640	X	X BOTT
BAFFIN B	264	68	45.0	60	.0	48	8	31	450	1490	X	X BOTT
BAFFIN B	265	68	15.0	60	56.0	48	9	2	560	1720	X	X BOTT
BAFFIN B	266	68	45.0	61	15.0	48	8	31	540	1845	X	X BOTT
BAFFIN B	267	68	45.0	62	32.0	48	8	31	575	1875	X	X BOTT
BAFFIN B	268	68	15.0	62	13.0	48	9	2	560	1705	X	X BOTT
BAFFIN B	269	68	15.0	63	37.0	48	9	2	560	1260	X	X BOTT
BAFFIN B	270	68	45.0	64	3.0	48	8	31	560	1420	X	X BOTT
BAFFIN B	271	68	44.0	64	52.0	48	9	1	115	126	X	X BOTT
BAFFIN B	272	68	45.0	65	53.0	48	9	1	400	660	X	X BOTT
BAFFIN B	273	68	15.0	65	.0	48	9	2	200	216	X	X BOTT
BAFFIN B	264	68	45.0	60	.0	48	8	31	450	1490	X	X BOTT

BOTTLE/CTD DATA SET NUMBER: 49-0002
YEAR:1949 VESSEL/AGENCY: ENDEAVOR

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
BAFFIN B	244	69	6.0	59	56.0	49	7	19		1417	1551		X	X	BOTT		
BAFFIN B	245	69	33.0	59	23.0	49	7	19		1130	1157		X	X	BOTT		
BAFFIN B	246	69	52.0	59	1.0	49	7	19		289	302		X	X	BOTT		
DISKO IS	252	70	36.0	55	34.0	49	7	20		224	247		X	X	BOTT		
DISKO IS	253	70	38.0	55	1.0	49	7	20		399	426		X	X	BOTT		
DISKO IS	250	70	25.0	56	35.0	49	7	20		210	214		X	X	BOTT		
DISKO IS	251	70	30.0	56	6.0	49	7	20		110	131		X	X	BOTT		

DISKO IS	248	70	11.0	57	49.0	49	7	20	313	331	X	X BOTT
DISKO IS	249	70	18.0	57	12.0	49	7	20	274	289	X	X BOTT
BAFFIN B	247	70	3.0	58	41.0	49	7	19	286	308	X	X BOTT
DISKO IS	242	68	26.0	56	54.0	49	7	19	276	340	X	X BOTT
BAFFIN B	243	68	46.0	58	56.0	49	7	19	296	432	X	X BOTT

BOTTLE/CTD DATA SET NUMBER: 49-0003
YEAR:1949 VESSEL/AGENCY: HEIMDAL

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
DISKO IS	168	69	54.0	52	35.0	49	7	11		200	225		X	X	BOTT		
DISKO IS	169	69	55.0	52	33.0	49	7	12		300	340		X	X	BOTT		
DISKO IS	170	69	58.0	52	30.0	49	7	12		300	325		X	X	BOTT		
DISKO IS	171	69	55.0	52	33.0	49	8	27		250	290		X	X	BOTT		
DISKO IS	172	69	58.0	52	30.0	49	8	27		400	420		X	X	BOTT		
DISKO IS	173	70	1.0	52	27.0	49	7	12		200	440		X	X	BOTT		
DISKO IS	174	70	3.0	52	23.0	49	7	12		250	330		X	X	BOTT		
DISKO IS	175	70	1.0	52	27.0	49	8	27		400	440		X	X	BOTT		
DISKO IS	176	70	3.0	52	23.0	49	8	27		300	320		X	X	BOTT		
DISKO IS	177	70	30.0	54	50.0	49	7	12		150	160		X	X	BOTT		
DISKO IS	178	70	33.0	54	46.0	49	7	12		300	340		X	X	BOTT		
DISKO IS	179	70	34.0	54	42.0	49	7	12		400	435		X	X	BOTT		
DISKO IS	180	70	38.0	54	38.0	49	7	12		300	350		X	X	BOTT		
DISKO IS	181	70	30.0	54	50.0	49	8	26		150	160		X	X	BOTT		
DISKO IS	182	70	33.0	54	46.0	49	8	26		150	280		X	X	BOTT		
DISKO IS	183	70	34.0	54	42.0	49	8	26		400	420		X	X	BOTT		
DISKO IS	184	70	38.0	54	38.0	49	8	26		350	370		X	X	BOTT		
DISKO IS	185	70	35.0	55	19.0	49	7	12		250	285		X	X	BOTT		
DISKO IS	186	70	39.0	55	47.0	49	7	12		400	430		X	X	BOTT		
DISKO IS	187	70	39.0	55	47.0	49	8	26		380	400		X	X	BOTT		
DISKO IS	188	70	35.0	55	19.0	49	8	26		200	225		X	X	BOTT		

DISKO IS	189	70	45.0	56	26.0	49	7	12	500	520		X	X BOTT
DISKO IS	190	70	49.0	56	52.0	49	7	13	450	485		X	X BOTT
DISKO IS	191	70	49.0	56	52.0	49	8	26	450	470		X	X BOTT
DISKO IS	192	70	45.0	56	26.0	49	8	26	500	535		X	X BOTT

BOTTLE/CTD DATA SET NUMBER: 50-0002
YEAR:1950 VESSEL/AGENCY: EDISTO

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	15	71	6.0	68	31.0	50	8	23		100	210		X	X	BOTT		
MELV BAY	6	74	10.0	61	18.0	50	7	27		400	686		X	X	BOTT		
NARES ST	10	79	51.0	69	30.0	50	8	9		149	168		X	X	BOTT		
BAFFIN B	14	74	.0	75	.0	50	8	22		693	823		X	X	BOTT		
BAFFIN B	11	74	36.0	79	51.0	50	8	16		517	677		X	X	BOTT		
NARES ST	7	79	42.0	71	14.0	50	8	2		196	210		X	X	BOTT		
NARES ST	9	81	13.0	65	6.0	50	8	7		400	475		X	X	BOTT		
NARES ST	8	82	.0	62	2.0	50	8	6		200	750		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 50-0003
YEAR:1950 VESSEL/AGENCY: DANA

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
DISKO IS	322	69	28.0	54	24.0	50	7	14		150	157		X	X	BOTT	
DISKO IS	323	69	28.0	55	.0	50	7	15		180	187		X	X	BOTT	
DISKO IS	324	69	28.0	55	46.0	50	7	15		230	241		X	X	BOTT	
DISKO IS	325	69	28.0	56	32.0	50	7	15		200	211		X	X	BOTT	
BAFFIN B	326	69	28.0	58	21.0	50	7	15		275	287		X	X	BOTT	
DISKO IS	327	70	35.0	55	19.0	50	9	8		250	280		X	X	BOTT	
DISKO IS	328	70	39.0	55	47.0	50	9	8		400	452		X	X	BOTT	
DISKO IS	329	70	45.0	56	26.0	50	9	8		600	620		X	X	BOTT	
DISKO IS	330	70	49.0	56	52.0	50	9	8		550	570		X	X	BOTT	
DISKO IS	317	68	.0	54	30.0	50	7	10		50	56		X	X	BOTT	
DISKO IS	318	68	2.0	55	15.0	50	7	10		56	60		X	X	BOTT	
DISKO IS	319	68	4.0	56	.0	50	7	10		115	119		X	X	BOTT	
DISKO IS	320	68	6.0	56	45.0	50	7	10		255	265		X	X	BOTT	
DISKO IS	321	68	7.0	57	4.0	50	7	10		360	375		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 50-0004
YEAR:1950 VESSEL/AGENCY: L'AVENTURE

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	45	69	51.0	56	22.0	50	8	17		135			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 50-0005
YEAR:1950 VESSEL/AGENCY: HEIMDAL

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	1	70	35.0	55	19.0	50	9	8		250	270		X	X	BOTT		
DISKO IS	2	70	39.0	55	47.0	50	9	8		400	440		X	X	BOTT		
DISKO IS	3	70	45.0	56	26.0	50	9	8		600	620		X	X	BOTT		
DISKO IS	4	70	49.0	56	52.0	50	9	8		550	570		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 51-0005
YEAR:1951 VESSEL/AGENCY: NORWEGIAN

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	238	68	7.0	57	.0	51	7	23		250	270		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 51-0006
YEAR:1951 VESSEL/AGENCY: EDISTO

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	37	69	15.0	56	16.0	51	8	22		149	168		X	X	BOTT		
DISKO IS	2	70	28.0	56	2.0	51	6	9		180	190		X	X	BOTT		
DISKO IS	36	70	28.0	57	1.0	51	8	22		240	281		X	X	BOTT		
DISKO IS	39	71	48.0	56	49.0	51	8	23		150	170		X	X	BOTT		
DISKO IS	35	71	14.0	57	50.0	51	8	22		229	274		X	X	BOTT		
BAFFIN B	34	71	49.0	58	15.0	51	8	22		240	320		X	X	BOTT		
BAFFIN B	40	72	51.0	58	36.0	51	8	23		150	201		X	X	BOTT		
BAFFIN B	43	72	58.0	58	8.0	51	8	24		150			X	X	BOTT		
BAFFIN B	22	73	32.0	57	52.0	51	6	29		500	549		X	X	BOTT		
BAFFIN B	15	73	42.0	58	15.0	51	6	23		650	677		X	X	BOTT		
MELV BAY	16	74	10.0	58	27.0	51	6	24		300	320		X	X	BOTT		
MELV BAY	20	74	49.0	58	55.0	51	6	28		400	430		X	X	BOTT		
MELV BAY	21	74	12.0	58	28.0	51	6	29		140	164		X	X	BOTT		

MELV BAY	4	74	40.0	59	35.0	51	6	11	550	786	X X BOTT
MELV BAY	14	74	13.0	59	51.0	51	6	23	650	695	X X BOTT
MELV BAY	17	74	25.0	59	25.0	51	6	24	719	805	X X BOTT
MELV BAY	23	74	21.0	59	10.0	51	6	30	700	777	X X BOTT
MELV BAY	26	74	50.0	59	40.0	51	7	1	800	869	X X BOTT
MELV BAY	27	74	59.0	59	30.0	51	7	1	450	475	X X BOTT
MELV BAY	28	75	5.0	59	10.0	51	7	3	750	805	X X BOTT
BAFFIN B	3	73	52.0	60	26.0	51	6	10	450		X X BOTT
BAFFIN B	41	73	45.0	60	24.0	51	8	23	400	494	X X BOTT
BAFFIN B	42	73	51.0	61	15.0	51	8	24	300	313	X X BOTT
MELV BAY	13	74	30.0	60	43.0	51	6	22	700	732	X X BOTT
MELV BAY	18	74	30.0	60	5.0	51	6	25	650	732	X X BOTT
MELV BAY	19	74	44.0	60	2.0	51	6	27	700	732	X X BOTT
MELV BAY	24	74	38.0	60	14.0	51	6	30	750	805	X X BOTT
MELV BAY	25	74	40.0	60	13.0	51	6	30	700	732	X X BOTT
MELV BAY	12	74	56.0	61	36.0	51	6	22	600	640	X X BOTT
MELV BAY	29	75	38.0	60	35.0	51	7	3	325	375	X X BOTT
MELV BAY	30	75	41.0	60	40.0	51	7	5	500	549	X X BOTT
MELV BAY	32	75	44.0	61	25.0	51	7	7	250	292	X X BOTT
MELV BAY	5	75	22.0	62	24.0	51	6	12	260	414	X X BOTT
MELV BAY	10	75	21.0	62	8.0	51	6	21	400	640	X X BOTT
MELV BAY	11	75	19.0	62	10.0	51	6	21	600	630	X X BOTT
MELV BAY	31	75	52.0	62	5.0	51	7	5	500	549	X X BOTT
MELV BAY	33	75	49.0	63	52.0	51	7	11	550	732	X X BOTT
MELV BAY	9	75	44.0	64	22.0	51	6	21	180	183	X X BOTT
MELV BAY	6	75	45.0	65	43.0	51	6	13	535	585	X X BOTT
BAFFIN B	8	75	49.0	67	2.0	51	6	20	260	274	X X BOTT
SMITH SD	7	76	24.0	69	38.0	51	6	20	200	220	X X BOTT
SMITH SD	44	76	18.0	69	42.0	51	8	29	250	274	X X BOTT
SMITH SD	45	76	20.0	69	42.0	51	8	31	250	256	X X BOTT
DISKO IS	1	68	48.0	55	56.0	51	6	8	185	209	X X BOTT
DISKO IS	38	68	42.0	55	30.0	51	8	22	188	271	X X BOTT

BOTTLE/CTD DATA SET NUMBER: 52-0003
YEAR:1952 VESSEL/AGENCY: EDISTO

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	23	69	18.0	55	53.0	52	6	25		158	164		X	X	BOTT		
BAFFIN B	59	69	38.0	62	43.0	52	8	29		1996	2012		X	X	BOTT		
DISKO IS	24	70	.0	56	5.0	52	6	25		100	160		X	X	BOTT		
BAFFIN B	30	72	44.0	58	37.0	52	7	8		149	182		X	X	BOTT		
BAFFIN B	31	72	26.0	59	38.0	52	7	8		300	365		X	X	BOTT		
BAFFIN B	26	73	56.0	58	56.0	52	7	5		180	208		X	X	BOTT		
BAFFIN B	27	73	57.0	58	48.0	52	7	7		173	256		X	X	BOTT		
BAFFIN B	29	73	10.0	58	57.0	52	7	9		600	732		X	X	BOTT		
BAFFIN B	33	73	54.0	58	46.0	52	7	9		130	182		X	X	BOTT		
BAFFIN B	28	73	31.0	59	44.0	52	7	8		250	274		X	X	BOTT		
MELV BAY	34	74	8.0	59	50.0	52	7	22		400	677			X	BOTT		
BAFFIN B	32	71	45.0	60	38.0	52	7	8		500	549			X	BOTT		
BAFFIN B	58	71	.0	63	30.0	52	8	28		1880	2195		X	X	BOTT		
BAFFIN B	57	72	20.0	64	18.0	52	8	28		1993	2195		X	X	BOTT		
BAFFIN B	56	73	40.0	65	12.0	52	8	28		1992	2195		X	X	BOTT		
MELV BAY	55	75	.0	66	9.0	52	8	27		300	365		X	X	BOTT		
BAFFIN B	54	75	3.0	68	31.0	52	8	26		200	274		X	X	BOTT		
SMITH SD	25	76	32.0	69	5.0	52	7	2		100	180			X	BOTT		
BAFFIN B	51	75	54.0	76	8.0	52	8	20		250	338		X	X	BOTT		
BAFFIN B	50	75	46.0	78	.0	52	8	20		200	256		X	X	BOTT		
SMITH SD	53	76	12.0	71	40.0	52	8	20		500	567		X	X	BOTT		
SMITH SD	52	76	2.0	74	15.0	52	8	20		300	402		X	X	BOTT		
JONES SD	49	75	57.0	81	12.0	52	8	20		476	529		X	X	BOTT		
JONES SD	48	76	18.0	88	46.0	52	8	19		150	182		X	X	BOTT		
BAFFIN B	35	74	37.0	94	42.0	52	8	8		100	120		X	X	BOTT		
BAFFIN B	41	74	38.0	96	32.0	52	8	13		200	256		X	X	BOTT		
DISKO IS	22	68	36.0	55	40.0	52	6	25		200	220		X	X	BOTT		

BAFFIN B	60	68	.0	62	.0	52	8	29	1500	1646		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 52-0005
YEAR:1952 VESSEL/AGENCY: DANA

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	492	69	40.0	51	40.0	52	7	30		255	268		X	X	BOTT		
DISKO IS	493	69	56.0	52	15.0	52	7	30		485	510		X	X	BOTT		
DISKO IS	494	69	15.0	53	8.0	52	7	29		330	370		X	X	BOTT		
DISKO IS	495	69	15.0	54	18.0	52	7	27		245	258		X	X	BOTT		
DISKO IS	334	69	6.0	55	40.0	52	8	26		146	146		X	X	BOTT		
DISKO IS	335	70	36.0	51	58.0	52	8	27		145			X	X	BOTT		
DISKO IS	496	70	14.0	53	.0	52	7	31		375	400		X	X	BOTT		
DISKO IS	336	70	55.0	53	56.0	52	8	27		430			X	X	BOTT		
DISKO IS	497	70	22.0	54	2.0	52	7	31		290	338		X	X	BOTT		
DISKO IS	337	70	22.0	54	22.0	52	8	26		265	265		X	X	BOTT		
DISKO IS	498	70	35.0	55	19.0	52	7	31		250	260		X	X	BOTT		
DISKO IS	499	70	39.0	55	47.0	52	7	31		385	440		X	X	BOTT		
DISKO IS	500	70	45.0	56	26.0	52	7	31		510	558		X	X	BOTT		
DISKO IS	501	70	49.0	56	52.0	52	7	31		515	540		X	X	BOTT		
DISKO IS	502	70	58.0	57	51.0	52	7	31		315	340		X	X	BOTT		
DISKO IS	485	68	.0	54	30.0	52	7	26		54	57		X	X	BOTT		
DISKO IS	486	68	2.0	55	15.0	52	7	26		57	60		X	X	BOTT		
DISKO IS	487	68	57.0	55	20.0	52	7	27		245	248		X	X	BOTT		
DISKO IS	488	68	4.0	56	.0	52	7	26		125	130		X	X	BOTT		
DISKO IS	489	68	6.0	56	45.0	52	7	26		235	238		X	X	BOTT		
DISKO IS	490	68	38.0	56	20.0	52	7	27		375	405		X	X	BOTT		
DISKO IS	491	68	8.0	57	30.0	52	7	26		375	385		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 52-0006
YEAR:1952 VESSEL/AGENCY: ATKA

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
SMITH SD	26	77	58.0	74	30.0	52	9	1		440	640		X	X	BOT		
SMITH SD	27	78	8.0	75	8.0	52	9	2		473	631		X	X	BOT		
SMITH SD	28	78	11.0	74	12.0	52	9	3		500	625		X	X	BOT		
SMITH SD	29	78	11.0	74	12.0	52	9	3		500	631		X	X	BOT		
SMITH SD	30	77	15.0	73	15.0	52	9	5		150	182		X	X	BOT		
BAFFIN BAY	31	72	.0	63	55.0	52	9	30		394	249		X	X	BOT		
BAFFIN BAY	32	71	.0	62	42.0	52	9	30		386	286		X	X	BOT		
BAFFIN BAY	33	70	.0	62	8.0	52	9	30		400	61		X	X	BOT		
BAFFIN BAY	34	69	.0	58	52.0	52	10	2		376	701		X	X	BOT		
DISKO IS	35	68	.0	57	52.0	52	10	2		150	246		X	X	BOT		

BOTTLE/CTD DATA SET NUMBER: 52-0007
YEAR:1952 VESSEL/AGENCY: L'AVENTURE

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	85	69	6.0	55	40.0	52	8	26		146	146		X	X	BOTT		
DISKO IS	86	70	22.0	54	22.0	52	8	26		265	265		X	X	BOTT		
DISKO IS	87	70	55.0	53	56.0	52	8	27		430			X	X	BOTT		
DISKO IS	88	70	36.0	51	58.0	52	8	27		466			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 53-0005
YEAR:1953 VESSEL/AGENCY: DANA

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	621	69	.0	55	.0	53	7	24		220	230		X	X	BOTT		
DISKO IS	622	69	30.0	55	.0	53	7	25		170	180		X	X	BOTT		
DISKO IS	623	70	35.0	55	19.0	53	8	4		400	440		X	X	BOTT		
DISKO IS	624	70	39.0	55	47.0	53	8	4		500	590		X	X	BOTT		
DISKO IS	625	70	45.0	56	26.0	53	8	4		500	542		X	X	BOTT		
DISKO IS	616	68	.0	54	30.0	53	7	24		50	55		X	X	BOTT		
DISKO IS	617	68	2.0	55	15.0	53	7	24		80	90		X	X	BOTT		
DISKO IS	618	68	30.0	55	.0	53	7	24		370	400		X	X	BOTT		
DISKO IS	619	68	6.0	56	45.0	53	7	24		220	230		X	X	BOTT		
DISKO IS	620	68	4.0	56	.0	53	7	24		138	150		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 53-0006
YEAR:1953 VESSEL/AGENCY: ATKA

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	27	69	17.0	55	33.0	53	3	3		190	198		X	X	BOTT		
DISKO IS	34	69	50.0	55	55.0	53	3	14		75	97		X	X	BOTT		
DISKO IS	11	69	21.0	57	26.0	53	1	22		150	219		X	X	BOTT		
BAFFIN B	12	70	3.0	58	52.0	53	1	23		100	311		X	X	BOTT		

DISKO IS	28	71	55.0	57	31.0	53	3	6	200	229		X	X BOTT
DISKO IS	29	72	2.0	57	25.0	53	3	8	200	284		X	X BOTT
DISKO IS	33	72	36.0	57	14.0	53	3	13	100	146		X	X BOTT
BAFFIN B	32	73	19.0	58	48.0	53	3	13	600	640		X	X BOTT
BAFFIN B	30	73	7.0	61	36.0	53	3	10	300	371		X	X BOTT
BAFFIN B	31	73	20.0	61	.0	53	3	11	340	384		X	X BOTT
DISKO IS	26	68	11.0	56	7.0	53	3	2	145	174		X	X BOTT
DISKO IS	10	68	21.0	57	24.0	53	1	22	350	421		X	X BOTT

BOTTLE/CTD DATA SET NUMBER: 53-0007
YEAR:1953 VESSEL/AGENCY: ATKA

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	14	73	55.0	59	39.0	53	9	5		400	439		X	X	BOTT		
MELV BAY	2	74	51.0	58	51.0	53	7	17		300	512		X	X	BOTT		
MELV BAY	3	74	1.0	58	19.0	53	7	22		200	219		X	X	BOTT		
BAFFIN B	25	70	27.0	68	35.0	53	10	14		50	55		X	X	BOTT		
BAFFIN B	16	72	58.0	66	10.0	53	9	6		2000	2377		X	X	BOTT		
BAFFIN B	17	72	28.0	69	18.0	53	9	6		1400	1920		X	X	BOTT		
BAFFIN B	15	73	27.0	63	.0	53	9	6		400	488		X	X	BOTT		
MELV BAY	4	74	46.0	60	.0	53	7	24		500	786		X	X	BOTT		
MELV BAY	5	75	7.0	61	45.0	53	7	24		300	549		X	X	BOTT		
MELV BAY	6	75	14.0	62	28.0	53	7	25		100	183		X	X	BOTT		
MELV BAY	1	75	57.0	63	45.0	53	7	14		100	338		X	X	BOTT		
BAFFIN B	7	75	47.0	67	27.0	53	7	29		250	256		X	X	BOTT		
BAFFIN B	8	75	35.0	68	.0	53	7	29		250	274		X	X	BOTT		
SMITH SD	20	76	33.0	68	54.0	53	9	29		20	24			X	BOTT		
SMITH SD	21	76	33.0	68	54.0	53	10	6		20	22		X	X	BOTT		
SMITH SD	23	76	33.0	68	54.0	53	10	12		20	22		X	X	BOTT		
SMITH SD	27	76	32.0	68	55.0	53	10	21		18	18		X	X	BOTT		
SMITH SD	19	76	32.0	69	12.0	53	9	29		220	227			X	BOTT		

SMITH SD	22	76	32.0	69	12.0	53	10	6	220	227		X	X BOTT
SMITH SD	24	76	32.0	69	12.0	53	10	12	200	227		X	X BOTT
SMITH SD	26	76	30.0	69	10.0	53	10	21	200	219		X	X BOTT
BAFFIN B	18	72	.0	72	.0	53	9	7	300	326		X	X BOTT
BAFFIN B	9	74	22.0	79	12.0	53	8	12	536	732		X	X BOTT
BAFFIN B	12	75	57.0	77	10.0	53	8	25	200	201		X	X BOTT
SMITH SD	10	76	18.0	72	.0	53	8	24	500	512		X	X BOTT
SMITH SD	13	76	49.0	73	59.0	53	8	25	400	521		X	X BOTT
SMITH SD	11	76	9.0	74	49.0	53	8	24	300	384		X	X BOTT

BOTTLE/CTD DATA SET NUMBER: 53-0008
YEAR:1953 VESSEL/AGENCY: PURSUIT

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
DISKO IS	10	69	.0	56	58.0	53	9	1		150	210		X	X	BOTT		
DISKO IS	9	70	.0	56	30.0	53	9	1		150	155		X	X	BOTT		
DISKO IS	8	71	.0	57	.0	53	8	31		300	336		X	X	BOTT		
BAFFIN B	7	71	58.0	58	.0	53	8	31		200	246		X	X	BOTT		
BAFFIN B	6	73	14.0	58	56.0	53	8	7		496	585		X	X	BOTT		
BAFFIN B	5	73	59.0	60	2.0	53	8	6		400	493		X	X	BOTT		
MELV BAY	4	75	.0	62	30.0	53	8	6		150	203		X	X	BOTT		
MELV BAY	3	75	35.0	65	.0	53	8	5		130	192		X	X	BOTT		
BAFFIN B	2	75	32.0	67	37.0	53	8	2		300	347		X	X	BOTT		
SMITH SD	1	76	20.0	70	.0	53	8	1		95	182		X	X	BOTT		
DISKO IS	11	68	.0	56	55.0	53	9	1		198	206		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 53-0009
YEAR:1953 VESSEL/AGENCY: US NAVY

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
SMITH SD	A	76 30.0	69 13.8	53 9 29				X	X			

BOTTLE/CTD DATA SET NUMBER: 53-0010
YEAR:1953 VESSEL/AGENCY: US NAVY

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
THULE		76 32.7	68 57.5	53 9 29				X	X			
THULE		76 32.7	68 57.5	53 10 6				X	X			
THULE		76 30.0	69 13.8	53 10 6				X	X			
THULE		76 32.7	68 54.0	53 10 7				X	X			
THULE		76 32.7	68 54.0	53 10 8				X	X			
THULE		76 32.7	68 54.0	53 10 9				X	X			
THULE		76 32.7	68 57.5	53 10 9				X	X			
THULE		76 32.7	68 57.5	53 10 10				X	X			
THULE		76 32.7	68 54.0	53 10 10				X	X			
THULE		76 32.7	68 54.0	53 10 11				X	X			

THULE	76 32.7	68 65.0	53 10 12			X	X
THULE	76 32.7	68 57.5	53 10 12			X	X
THULE	76 30.0	69 13.8	53 10 12			X	X
THULE	76 30.0	69 13.8	53 10 21			X	X
THULE	76 32.7	68 57.5	53 10 21			X	X
THULE	76 32.7	68 54.0	53 10 23			X	X
THULE	76 32.7	68 54.0	53 10 24			X	X

BOTTLE/CTD DATA SET NUMBER: 53-0011
YEAR:1953 VESSEL/AGENCY: L'AVENTURE

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
DISKO IS	101	69 28.0	56 28.0	53 8 16	200			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 53-0012
YEAR:1953 VESSEL/AGENCY: ADOLF JENSEN

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
DISKO IS	425	70 35.0	55 19.0	53 8 4	400	440		X	X	BOTT		
DISKO IS	426	70 39.0	55 47.0	53 8 4	500	590		X	X	BOTT		
DISKO IS	427	70 45.0	56 26.0	53 8 4	500	542		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 54-0001
YEAR:1954 VESSEL/AGENCY: LABRADOR

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
BAFFIN B	27	74	52.0	76	20.0	54	8	14	11	388	466		X	X	BOTT	
BAFFIN B	28	74	45.0	77	39.0	54	8	14	13	400	457		X	X	BOTT	
BAFFIN B	29	74	32.0	78	37.0	54	8	14	15	500	585		X	X	BOTT	
BAFFIN B	30	74	32.0	79	53.0	54	8	14	17	390	631		X	X	BOTT	
BAFFIN B	26	75	.0	75	.0	54	8	14	9	475	540		X	X	BOTT	
BAFFIN B	13	75	48.0	79	52.0	54	8	5	20	485	576		X	X	BOTT	
BAFFIN B	18	75	56.0	79	57.0	54	8	6	9	125	150		X	X	BOTT	
SMITH SD	24	78	21.0	73	44.0	54	8	12	16	500	603		X	X	BOTT	
SMITH SD	25	78	20.0	73	28.0	54	8	12	17	400	512		X	X	BOTT	
SMITH SD	22	78	21.0	74	34.0	54	8	12	14	495	549		X	X	BOTT	
SMITH SD	23	78	21.0	74	16.0	54	8	12	15	460	530		X	X	BOTT	
SMITH SD	21	78	57.0	75	40.0	54	8	8	18	190	229		X	X	BOTT	
ECLIPSE	7	73	39.0	80	58.0	54	8	3	17	340	503		X	X	BOTT	
ECLIPSE	8	73	39.0	81	14.0	54	8	3	18	175	307		X	X	BOTT	
JONES SD	14	75	43.0	80	10.0	54	8	5	21	475	596		X	X	BOTT	
JONES SD	17	75	52.0	81	14.0	54	8	6	6	500	658		X	X	BOTT	
SMITH SD	19	76	3.0	80	16.0	54	8	6	10	300	366		X	X	BOTT	
SMITH SD	20	76	6.0	80	39.0	54	8	6	11	250	307		X	X	BOTT	
JONES SD	15	76	4.0	81	5.0	54	8	6	1	180	238		X	X	BOTT	
JONES SD	16	76	1.0	81	10.0	54	8	6	5	600	667		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 54-0006
YEAR:1954 VESSEL/AGENCY: DANA

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	673	69	15.0	51	24.0	54	7	29		345	360		X	X	BOTT		
DISKO IS	674	69	43.0	51	36.0	54	7	30		215	230		X	X	BOTT		
DISKO IS	675	69	15.0	52	.0	54	7	29		310	330		X	X	BOTT		
DISKO IS	676	69	15.0	53	6.0	54	7	29		430	460		X	X	BOTT		
DISKO IS	677	69	14.0	54	44.0	54	7	26		120	130		X	X	BOTT		
DISKO IS	678	69	29.0	54	25.0	54	7	31		140	150		X	X	BOTT		
DISKO IS	679	69	29.0	55	46.0	54	7	31		215	230		X	X	BOTT		
DISKO IS	680	69	32.0	55	8.0	54	7	31		130	145		X	X	BOTT		
DISKO IS	681	69	29.0	56	33.0	54	7	31		210	220		X	X	BOTT		
BAFFIN B	682	69	29.0	58	22.0	54	7	31		265	280		X	X	BOTT		
DISKO IS	683	70	3.0	52	40.0	54	7	30		295	310		X	X	BOTT		
DISKO IS	684	70	19.0	53	37.0	54	7	30		495	520		X	X	BOTT		
DISKO IS	685	70	35.0	55	19.0	54	7	30		220	230		X	X	BOTT		
DISKO IS	686	70	39.0	55	47.0	54	7	30		330	340		X	X	BOTT		
DISKO IS	687	70	45.0	56	26.0	54	7	30		530	560		X	X	BOTT		
DISKO IS	688	70	49.0	56	42.0	54	7	30		515	560		X	X	BOTT		
DISKO IS	689	70	58.0	57	51.0	54	7	30		330	350		X	X	BOTT		
BAFFIN B	690	70	29.0	58	1.0	54	7	31		360	380		X	X	BOTT		
BAFFIN B	691	70	.0	58	11.0	54	7	31		290	315		X	X	BOTT		
DISKO IS	667	68	.0	54	30.0	54	7	25		60	62		X	X	BOTT		
DISKO IS	668	68	24.0	54	43.0	54	7	26		245	260		X	X	BOTT		
DISKO IS	669	68	49.0	54	43.5	54	7	26		230	240		X	X	BOTT		
DISKO IS	670	68	2.0	55	15.0	54	7	25		55	58		X	X	BOTT		
DISKO IS	671	68	6.0	56	45.0	54	7	25		130	140		X	X	BOTT		
DISKO IS	672	68	4.0	56	.0	54	7	25		100	108		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 54-0007
YEAR:1954 VESSEL/AGENCY: ATKA

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
MELV BAY	7	75	45.0	63	.0	54	8	30		600	768		X	X	BOTT		
MELV BAY	8	75	.0	65	.0	54	8	31		300	347		X	X	BOTT		
MELV BAY	6	75	45.0	66	.0	54	8	30		494	686		X	X	BOTT		
SMITH SD	1	76	30.0	69	20.0	54	8	24		195			X	X	BOTT		
SMITH SD	5	76	29.0	69	23.0	54	8	28		100	219		X	X	BOTT		
SMITH SD	9	76	30.0	69	.0	54	8	31		100	237		X	X	BOTT		
BAFFIN B	2	74	15.0	75	32.0	54	8	27		293	732		X	X	BOTT		
BAFFIN B	3	75	30.0	73	.0	54	8	27		193	612		X	X	BOTT		
SMITH SD	4	76	15.0	70	6.0	54	8	28		387	549		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 54-0008
YEAR:1954 VESSEL/AGENCY: STATEN ISLAND

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
ECLIPSE	2	72	45.0	77	53.0	54	10	6									

BOTTLE/CTD DATA SET NUMBER: 54-0009
YEAR:1954 VESSEL/AGENCY: CANADIAN

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	10	72	52.0	75	50.0	55	5	18	12	100			X	X	BOTT		
BAFFIN B	11	72	52.0	75	50.0	55	5	31	12	100			X	X	BOTT		
ECLIPSE	9	72	45.0	78	5.0	55	5	6	12	100			X	X	BOTT		
ECLIPSE	12	72	45.0	78	5.0	55	6	13	12	100			X	X	BOTT		
ECLIPSE	13	72	45.0	78	5.0	55	6	27	12	100			X	X	BOTT		
ECLIPSE	14	72	43.0	78	10.0	55	7	29	12	100			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 55-0004
YEAR:1955 VESSEL/AGENCY: DANA

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	681	69	17.0	52	39.0	55	7	29		390	410		X	X	BOTT		
DISKO IS	682	69	18.0	53	.0	55	7	29		370	378		X	X	BOTT		
DISKO IS	683	69	14.0	54	40.0	55	7	26		125	135		X	X	BOTT		
DISKO IS	1022	69	.0	56	.0	55	9	30		144	145		X	X	BOTT		
DISKO IS	684	70	3.0	52	40.0	55	7	29		520	530		X	X	BOTT		
DISKO IS	685	70	19.0	53	37.0	55	7	30		480	510		X	X	BOTT		
DISKO IS	686	70	35.0	55	19.0	55	7	30		280	302		X	X	BOTT		
DISKO IS	687	70	39.0	55	47.0	55	7	30		430	450		X	X	BOTT		

DISKO IS	688	70	45.0	56	26.0	55	7	30	590	610	X	X	BOTT
DISKO IS	689	70	52.0	57	8.0	55	7	30	420	440	X	X	BOTT
DISKO IS	690	70	58.0	57	51.0	55	7	30	320	340	X	X	BOTT
DISKO IS	673	68	.0	54	30.0	55	7	26	60	68	X	X	BOTT
DISKO IS	674	68	24.0	54	43.0	55	7	26	200	310	X	X	BOTT
DISKO IS	675	68	49.0	54	44.0	55	7	26	260	272	X	X	BOTT
DISKO IS	676	68	21.0	54	53.0	55	8	1	400	410	X	X	BOTT
DISKO IS	1019	68	15.0	54	38.0	55	10	1	89	90	X	X	BOTT
DISKO IS	677	68	6.0	55	55.0	55	7	25	130	135	X	X	BOTT
DISKO IS	678	68	3.0	55	15.0	55	7	25	52	57	X	X	BOTT
DISKO IS	1020	68	12.0	55	15.0	55	10	1	287	290	X	X	BOTT
DISKO IS	679	68	9.0	56	24.0	55	7	25	225	235	X	X	BOTT
DISKO IS	1021	68	48.0	56	33.0	55	9	30	308	310	X	X	BOTT
DISKO IS	680	68	13.0	57	17.0	55	7	25	390	415	X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 55-0005
YEAR:1955 VESSEL/AGENCY: ATKA

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
BAFFIN B	24	69	57.0	59	50.0	55	9	28		241	406		X	X	BOTT		
BAFFIN B	23	69	4.0	63	44.0	55	9	28		200	1554		X	X	BOTT		
BAFFIN B	25	70	59.0	64	55.0	55	9	29		250	2195		X	X	BOTT		
BAFFIN B	26	72	4.0	60	38.0	55	9	29		250	1187		X	X	BOTT		
BAFFIN B	27	72	40.0	64	42.0	55	9	29		200	2337		X	X	BOTT		
BAFFIN B	28	73	9.0	69	17.0	55	9	30		250	1829		X	X	BOTT		
MELV BAY	33	74	53.0	66	4.0	55	10	1		200	585		X	X	BOTT		
BAFFIN B	29	72	50.0	75	35.0	55	9	30		125	603		X	X	BOTT		
ECLIPSE	30	72	44.0	78	20.0	55	9	30		391	732		X	X	BOTT		
BAFFIN B	31	73	30.0	74	46.0	55	10	1		200	957		X	X	BOTT		
BAFFIN B	32	74	59.0	70	10.0	55	10	1		197	1280		X	X	BOTT		
SMITH SD	34	76	58.0	74	48.0	55	10	2		150	567		X	X	BOTT		

BAFFIN B	22	68	14.0	59	46.0	55	9	28		200	878		X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 55-0006
YEAR:1955 VESSEL/AGENCY: ANTON DOHRN

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	431	69	.0	56	.0	55	9	30		144	145		X	X	BOTT		
DISKO IS	432	68	48.0	56	33.0	55	9	30		308	310		X	X	BOTT		
DISKO IS	433	68	12.0	55	15.0	55	10	1		287	290		X	X	BOTT		
DISKO IS	435	68	15.0	54	38.0	55	10	1		89	90		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 55-0007
YEAR:1955 VESSEL/AGENCY: MCGILL U.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
ECLIPSE	B9	72	45.0	78	5.0	55	5	6		100				X	BOT		
BAFFIN B	B10	72	52.0	75	50.0	55	5	18		100				X	BOT		
BAFFIN B	B11	72	52.0	75	50.0	55	5	31		100				X	BOT		
ECLIPSE	B12	72	45.0	78	5.0	55	6	13		100				X	BOT		
ECLIPSE	B13	72	45.0	78	5.0	55	6	27		100			X	X	BOT		
ECLIPSE	B14	72	43.0	78	10.0	55	7	29		100				X	BOT		

BOTTLE/CTD DATA SET NUMBER: 56-0003
YEAR:1956 VESSEL/AGENCY: LABRADOR

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
BAFFIN B	192	68	43.0	65	15.0	56	10	3	6	196	210		X	X	BOTT		
BAFFIN B	191	71	31.0	69	4.0	56	10	2	15	173	732		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 56-0005
YEAR:1956 VESSEL/AGENCY: DANA

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
DISKO IS	505	68	2.0	55	28.0	56	7	24		58	64		X	X	BOTT		
DISKO IS	506	68	1.0	55	.0	56	7	24		35	40		X	X	BOTT		
DISKO IS	507	68	6.0	56	45.0	56	7	23		240	250		X	X	BOTT		
DISKO IS	508	68	4.0	56	.0	56	7	23		130	140		X	X	BOTT		
DISKO IS	509	68	8.0	57	17.0	56	7	23		375	418		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 56-0006
YEAR:1956 VESSEL/AGENCY: EASTWIND

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
DISKO IS	8	69 55.0	57 43.0	56 10 4	200	274		X	X	BOTT		
BAFFIN B	7	70 50.0	64 43.0	56 10 3	200	2103		X	X	BOTT		
BAFFIN B	6	71 48.0	60 30.0	56 10 3	200	1004		X	X	BOTT		
BAFFIN B	5	73 .0	65 .0	56 10 3	153	2158		X	X	BOTT		
MELV BAY	3	75 .0	62 .0	56 10 2	200	585		X	X	BOTT		
BAFFIN B	4	75 14.0	69 38.0	56 10 2	200	673		X	X	BOTT		
SMITH SD	1	76 15.0	71 .0	56 10 1	200	640		X	X	BOTT		
SMITH SD	2	76 17.0	74 15.0	56 10 1	200	457		X	X	BOTT		
BAFFIN B	9	68 49.0	59 30.0	56 10 4	115	1097		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 57-0001
YEAR:1957 VESSEL/AGENCY: SPAR

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
BAFFIN B	24	74 16.0	77 36.0	57 9 10	490	704		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 57-0003
YEAR:1957 VESSEL/AGENCY: LABRADOR

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
BAFFIN B	160	68	50.0	62	14.0	57	10	1	2	159	1893		X	X	BOTT	
BAFFIN B	159	68	48.0	65	15.0	57	9	30	9	250	274		X	X	BOTT	
BAFFIN B	157	70	11.0	58	33.0	57	9	29	2	250	302		X	X	BOTT	
BAFFIN B	156	71	32.0	61	3.0	57	9	28	19	500	1463		X	X	BOTT	
BAFFIN B	158	71	45.0	64	53.0	57	9	29	11	300	2103		X	X	BOTT	
BAFFIN B	155	71	54.0	69	8.0	57	9	28	9	300	2012		X	X	BOTT	
BAFFIN B	154	73	58.0	65	3.0	57	9	27	23	300	2286		X	X	BOTT	
BAFFIN B	152	73	46.0	69	11.0	57	9	27	6	288	2012		X	X	BOTT	
MELV BAY	153	74	43.0	63	12.0	57	9	27	15	199	243		X	X	BOTT	
BAFFIN B	150	75	15.0	69	40.0	57	9	26	19	281	664		X	X	BOTT	
BAFFIN B	151	74	45.0	72	57.0	57	9	26	23	227	854		X	X	BOTT	
SMITH SD	149	76	20.0	70	37.0	57	9	25	17	136	165		X	X	BOTT	
SMITH SD	148	76	21.0	73	3.0	57	9	25	14	438	563		X	X	BOTT	
SMITH SD	147	76	19.0	75	30.0	57	9	25	11	274	320		X	X	BOTT	
SMITH SD	146	76	18.0	78	4.0	57	9	25	8	250	265		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 57-0006
YEAR:1957 VESSEL/AGENCY: 01

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
DISKO IS	268	69 17.0	52 39.0	57 7 23	340	353		X	X	BOTT		
DISKO IS	267	69 18.0	53 .0	57 7 23	360	380		X	X	BOTT		
DISKO IS	266	69 14.0	54 32.0	57 7 22	170	176			X	BOTT		
DISKO IS	264	68 24.0	54 43.0	57 7 22	275	283		X	X	BOTT		
DISKO IS	265	68 49.0	54 44.0	57 7 22	170	177			X	BOTT		
DISKO IS	262	68 2.0	55 28.0	57 7 22	55	57		X	X	BOTT		
DISKO IS	263	68 .0	55 .0	57 7 22	32	34		X	X	BOTT		
DISKO IS	260	68 7.0	56 44.0	57 7 21	140	145		X	X	BOTT		
DISKO IS	261	68 4.0	56 .0	57 7 22	85	92		X	X	BOTT		
DISKO IS	259	68 8.0	57 17.0	57 7 21	275	285		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 58-0003
YEAR:1958 VESSEL/AGENCY: DANA

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
DISKO IS	70	69 17.0	52 39.0	58 7 25	370	390		X	X	BOTT		
DISKO IS	71	69 18.0	53 .0	58 7 26	400	435		X	X	BOTT		
DISKO IS	69	69 14.0	55 43.0	58 7 25	100	108		X	X	BOTT		
DISKO IS	67	68 23.0	54 43.0	58 7 24	370	390		X	X	BOTT		

DISKO IS	68	68	49.0	54	43.0	58	7	25	340	360		X	X BOTT
DISKO IS	65	68	.0	55	28.0	58	7	24	70	76		X	X BOTT
DISKO IS	66	68	.0	55	.0	58	7	24	45	49		X	X BOTT
DISKO IS	72	68	6.0	55	3.0	58	7	29	34	36			X BOTT
DISKO IS	63	68	7.0	56	44.0	58	7	24	220	232		X	X BOTT
DISKO IS	64	68	4.0	56	.0	58	7	24	130	138		X	X BOTT
DISKO IS	62	68	8.0	57	17.0	58	7	24	370	390		X	X BOTT

BOTTLE/CTD DATA SET NUMBER: 58-0004
YEAR:1958 VESSEL/AGENCY: WESTWIND

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
THULE	1	76	33.0	68	55.0	58	9	13		20	25		X	X	BOTT		
THULE	2	76	31.0	69	14.0	58	9	13		50	232		X	X	BOTT		
THULE	3	76	29.0	69	31.0	58	9	13		50	201		X	X	BOTT		
THULE	4	76	27.0	69	45.0	58	9	13		50	210		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 58-0005
YEAR:1958 VESSEL/AGENCY: ATKA

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	6	69	57.0	57	31.0	58	9	21		143	269		X	X	BOTT		
BAFFIN B	9	70	45.0	65	.0	58	9	23		150	2067		X	X	BOTT		
BAFFIN B	10	71	50.0	60	40.0	58	9	23		150	1189		X	X	BOTT		
BAFFIN B	12	71	50.0	69	24.0	58	9	24		150	2103		X	X	BOTT		
BAFFIN B	11	73	.0	65	.0	58	9	23		150	3749		X	X	BOTT		
BAFFIN B	13	73	35.0	69	17.0	58	9	24		150	1920		X	X	BOTT		
MELV BAY	14	74	59.0	62	14.0	58	9	25		149	442		X	X	BOTT		
BAFFIN B	15	74	58.0	69	22.0	58	9	25		150	1006		X	X	BOTT		
BAFFIN B	16	74	30.0	72	30.0	58	9	25		150	1002		X	X	BOTT		
BAFFIN B	17	75	57.0	72	30.0	58	9	26		150	358		X	X	BOTT		
SMITH SD	18	77	41.0	73	48.0	58	9	26		150	412		X	X	BOTT		
BAFFIN B	7	68	57.0	59	22.0	58	9	22		150	841		X	X	BOTT		
BAFFIN B	8	68	39.0	65	31.0	58	9	22		55	59		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 59-0005
YEAR:1959 VESSEL/AGENCY: _WESTWIND

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
DISKO IS	32	69	59.0	57	34.0	59	10	17		241	293		X	X	BOTT	
BAFFIN B	33	69	.0	64	26.0	59	10	17		211	201		X	X	BOTT	
BAFFIN B	4	70	50.0	65	.0	59	9	6		2100	2113		X	X	BOTT	
BAFFIN B	3	71	44.0	61	28.0	59	9	6		1267	1756		X	X	BOTT	
BAFFIN B	5	71	59.0	68	43.0	59	9	7		1223	1875		X	X	BOTT	
BAFFIN B	2	73	.0	65	.0	59	9	5		149	2220		X	X	BOTT	
BAFFIN B	31	73	.0	65	.0	59	10	16		2146	2286		X	X	BOTT	
BAFFIN B	6	73	20.0	69	30.0	59	9	7		1477	1829		X	X	BOTT	
MELV BAY	1	74	45.0	62	25.0	59	9	5		298	338		X	X	BOTT	
BAFFIN B	8	75	.0	69	30.0	59	9	8		802	878		X	X	BOTT	
SMITH SD	11	76	34.0	68	56.0	59	9	15		40	41		X	X	BOTT	
SMITH SD	12	76	33.0	68	56.0	59	9	15		35	35		X	X	BOTT	
SMITH SD	13	76	33.0	68	56.0	59	9	15		15	16		X	X	BOTT	
SMITH SD	14	76	33.0	68	56.0	59	9	15		15	16		X	X	BOTT	
SMITH SD	15	76	34.0	68	56.0	59	9	21		35	34		X	X	BOTT	
SMITH SD	16	76	33.0	68	56.0	59	9	21		30	33		X	X	BOTT	
SMITH SD	17	76	33.0	68	56.0	59	9	21		15	17		X	X	BOTT	
SMITH SD	18	76	33.0	68	56.0	59	9	21		15	17		X	X	BOTT	
SMITH SD	19	76	34.0	68	56.0	59	9	28		35	38		X	X	BOTT	
SMITH SD	20	76	33.0	68	56.0	59	9	28		30	33		X	X	BOTT	
SMITH SD	21	76	33.0	68	56.0	59	9	28		15	17		X	X	BOTT	
SMITH SD	22	76	33.0	68	56.0	59	9	28		15	17		X	X	BOTT	
SMITH SD	23	76	34.0	68	56.0	59	10	5		40	41		X	X	BOTT	
SMITH SD	24	76	33.0	68	56.0	59	10	5		30	35		X	X	BOTT	
SMITH SD	25	76	33.0	68	56.0	59	10	5		15	16		X	X	BOTT	
SMITH SD	26	76	33.0	68	56.0	59	10	5		15	20		X	X	BOTT	
SMITH SD	27	76	33.0	68	56.0	59	10	12		15	16		X	X	BOTT	

SMITH SD	28	76	33.0	68	56.0	59	10	12	15	18	X	X	BOTT
SMITH SD	29	76	33.0	68	56.0	59	10	12	25	27	X	X	BOTT
SMITH SD	30	76	34.0	68	56.0	59	10	12	35	45	X	X	BOTT
BAFFIN B	7	74	25.0	72	32.0	59	9	8	984	933	X	X	BOTT
SMITH SD	9	76	11.0	74	.0	59	9	9	394	402	X	X	BOTT
SMITH SD	10	78	.0	74	.0	59	9	9	423	567	X	X	BOTT
BAFFIN B	34	68	45.0	59	22.0	59	10	18	176	768	X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 59-0006
YEAR:1959 VESSEL/AGENCY: DANA

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		
DISKO IS	170	68	2.0	55	28.0	59	7	25		65	74		X	X	BOTT	
DISKO IS	171	68	.0	55	.0	59	7	25		35	44		X	X	BOTT	
DISKO IS	168	68	7.0	56	44.0	59	7	25		170	173		X	X	BOTT	
DISKO IS	169	68	4.0	56	.0	59	7	25		105	114		X	X	BOTT	
DISKO IS	167	68	8.0	57	17.0	59	7	25		247	257		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 59-0007
YEAR:1959 VESSEL/AGENCY: GAUSS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
DISKO IS	11	71	26.0	51	59.0	59	8	5	7	200	228		X	X	BOTT	
DISKO IS	14	71	28.0	51	56.0	59	8	5	11	200	265		X	X	BOTT	
DISKO IS	15	71	27.0	51	54.0	59	8	5	12	500	531		X	X	BOTT	
DISKO IS	16	71	26.0	51	54.0	59	8	5	14	200	276		X	X	BOTT	
DISKO IS	17	71	27.0	51	48.0	59	8	5	16	200	248		X	X	BOTT	
DISKO IS	18	71	28.0	51	48.0	59	8	5	17	500	515		X	X	BOTT	
DISKO IS	19	71	29.0	51	50.0	59	8	5	19	200	282		X	X	BOTT	
DISKO IS	20	71	30.0	51	44.0	59	8	5	21	200	238		X	X	BOTT	
DISKO IS	21	71	29.0	51	43.0	59	8	5	22	500	500		X	X	BOTT	
DISKO IS	22	71	27.0	51	42.0	59	8	6	0	250	334		X	X	BOTT	
DISKO IS	23	71	28.0	51	37.0	59	8	6	1	200	228		X	X	BOTT	
DISKO IS	24	71	29.0	51	38.0	59	8	6	3	460	481		X	X	BOTT	
DISKO IS	25	71	30.0	51	38.0	59	8	6	5	240	276		X	X	BOTT	
DISKO IS	26	71	30.0	51	30.0	59	8	6	7	240	275		X	X	BOTT	
DISKO IS	27	71	29.0	51	31.0	59	8	6	8	330	341		X	X	BOTT	
DISKO IS	28	71	28.0	51	31.0	59	8	6	10	200	233		X	X	BOTT	
DISKO IS	29	71	27.0	51	28.0	59	8	6	11	175	187		X	X	BOTT	
DISKO IS	30	71	28.0	51	27.0	59	8	6	12	300	320		X	X	BOTT	
DISKO IS	31	71	29.0	51	24.0	59	8	6	14	250	260		X	X	BOTT	
DISKO IS	32	71	29.0	51	25.0	59	8	8	6	280	285		X	X	BOTT	
DISKO IS	33	71	29.0	51	25.0	59	8	8	12	280	285		X	X	BOTT	
DISKO IS	34	71	29.0	51	25.0	59	8	8	13	280	285		X	X	BOTT	
DISKO IS	35	71	27.0	51	35.0	59	8	8	21	180	180		X	X	BOTT	
DISKO IS	36	71	27.0	51	35.0	59	8	9	3	175	180		X	X	BOTT	
DISKO IS	37	71	27.0	51	35.0	59	8	9	9	125	180		X	X	BOTT	
DISKO IS	65	71	29.0	51	31.0	59	8	14	10	300	346		X	X	BOTT	
DISKO IS	66	71	27.0	51	31.0	59	8	14	11	230	263		X	X	BOTT	

DISKO IS	67	71	27.0	51	28.0	59	8	14	11	200	209	X	X BOTT
DISKO IS	68	71	28.0	51	25.0	59	8	14	12	250	304	X	X BOTT
DISKO IS	69	71	29.0	51	24.0	59	8	14	13	250	274	X	X BOTT
DISKO IS	70	71	30.0	51	30.0	59	8	14	15	200	233	X	X BOTT
DISKO IS	72	71	29.0	51	38.0	59	8	14	16	468	481	X	X BOTT
DISKO IS	71	71	30.0	51	38.0	59	8	14	16	200	212	X	X BOTT
DISKO IS	73	71	28.0	51	37.0	59	8	14	18	200	273	X	X BOTT
DISKO IS	74	71	27.0	51	42.0	59	8	14	19	400	458	X	X BOTT
DISKO IS	75	71	28.0	51	43.0	59	8	14	20	493	510	X	X BOTT
DISKO IS	76	71	30.0	51	44.0	59	8	14	22	220	291	X	X BOTT
DISKO IS	78	71	28.0	51	49.0	59	8	14	23	492	518	X	X BOTT
DISKO IS	77	71	29.0	51	50.0	59	8	14	23	220	293	X	X BOTT
DISKO IS	79	71	27.0	51	48.0	59	8	15	0	200	214	X	X BOTT
DISKO IS	80	71	26.0	51	54.0	59	8	15	1	200	469	X	X BOTT
DISKO IS	81	71	27.0	51	54.0	59	8	15	2	500	531	X	X BOTT
DISKO IS	82	71	28.0	51	56.0	59	8	15	3	150	260	X	X BOTT
DISKO IS	85	71	26.0	51	59.0	59	8	15	7	400	500	X	X BOTT
DISKO IS	95	71	27.0	51	35.0	59	8	16	0	50	62	X	X BOTT
DISKO IS	1	71	24.0	52	15.0	59	8	3	19	500	498	X	X BOTT
DISKO IS	2	71	23.0	52	17.0	59	8	4	16	230	262	X	X BOTT
DISKO IS	3	71	23.0	52	16.0	59	8	4	17	500	550	X	X BOTT
DISKO IS	4	71	22.0	52	15.0	59	8	4	19	125	236	X	X BOTT
DISKO IS	5	71	23.0	52	9.0	59	8	4	21	175	197	X	X BOTT
DISKO IS	6	71	24.0	52	11.0	59	8	4	22	550	552	X	X BOTT
DISKO IS	7	71	25.0	52	13.0	59	8	5	0	250	337	X	X BOTT
DISKO IS	8	71	26.0	52	7.0	59	8	5	2	350	434	X	X BOTT
DISKO IS	9	71	25.0	52	5.0	59	8	5	3	500	548	X	X BOTT
DISKO IS	10	71	25.0	52	4.0	59	8	5	5	200	321	X	X BOTT
DISKO IS	12	71	26.0	52	.0	59	8	5	8	500	542	X	X BOTT
DISKO IS	13	71	27.0	52	2.0	59	8	5	10	200	286	X	X BOTT
DISKO IS	38	71	24.0	52	16.0	59	8	10	1	200	490	X	X BOTT
DISKO IS	39	71	24.0	52	16.0	59	8	10	3	400	490	X	X BOTT
DISKO IS	40	71	24.0	52	16.0	59	8	10	5	400	490	X	X BOTT
DISKO IS	41	71	24.0	52	16.0	59	8	10	7	400	490	X	X BOTT
DISKO IS	42	71	24.0	52	16.0	59	8	10	9	400	490	X	X BOTT
DISKO IS	43	71	24.0	52	16.0	59	8	10	11	400	490	X	X BOTT
DISKO IS	44	71	24.0	52	16.0	59	8	10	13	400	490	X	X BOTT
DISKO IS	45	71	24.0	52	16.0	59	8	10	15	400	490	X	X BOTT
DISKO IS	46	71	24.0	52	16.0	59	8	10	17	400	490	X	X BOTT

DISKO	IS	47	71	24.0	52	16.0	59	8	10	19	400	490	X	X BOTT
DISKO	IS	48	71	24.0	52	16.0	59	8	10	21	400	490	X	X BOTT
DISKO	IS	49	71	24.0	52	16.0	59	8	10	23	400	490	X	X BOTT
DISKO	IS	50	71	24.0	52	16.0	59	8	11	1	400	490	X	X BOTT
DISKO	IS	51	71	24.0	52	16.0	59	8	11	3	400	490	X	X BOTT
DISKO	IS	52	71	24.0	52	10.0	59	8	11	14	300	320	X	X BOTT
DISKO	IS	53	71	24.0	52	10.0	59	8	11	16	300	320	X	X BOTT
DISKO	IS	54	71	24.0	52	10.0	59	8	11	18	300	320	X	X BOTT
DISKO	IS	55	71	24.0	52	10.0	59	8	11	20	300	320	X	X BOTT
DISKO	IS	56	71	24.0	52	10.0	59	8	11	22	300	320	X	X BOTT
DISKO	IS	57	71	24.0	52	10.0	59	8	12	0	300	320	X	X BOTT
DISKO	IS	58	71	24.0	52	10.0	59	8	12	2	300	320	X	X BOTT
DISKO	IS	59	71	24.0	52	10.0	59	8	12	4	300	320	X	X BOTT
DISKO	IS	60	71	24.0	52	10.0	59	8	12	6	300	320	X	X BOTT
DISKO	IS	61	71	24.0	52	10.0	59	8	12	8	300	320	X	X BOTT
DISKO	IS	62	71	24.0	52	10.0	59	8	12	10	300	320	X	X BOTT
DISKO	IS	63	71	24.0	52	10.0	59	8	12	12	300	320	X	X BOTT
DISKO	IS	64	71	24.0	52	10.0	59	8	12	14	300	320	X	X BOTT
DISKO	IS	83	71	27.0	52	2.0	59	8	15	4	300	474	X	X BOTT
DISKO	IS	84	71	26.0	52	.0	59	8	15	5	500	542	X	X BOTT
DISKO	IS	86	71	25.0	52	4.0	59	8	15	8	300	346	X	X BOTT
DISKO	IS	87	71	25.0	52	5.0	59	8	15	9	500	548	X	X BOTT
DISKO	IS	88	71	26.0	52	7.0	59	8	15	10	200	296	X	X BOTT
DISKO	IS	89	71	25.0	52	12.0	59	8	15	11	200	354	X	X BOTT
DISKO	IS	90	71	24.0	52	11.0	59	8	15	12	480	553	X	X BOTT
DISKO	IS	91	71	24.0	52	10.0	59	8	15	14	200	321	X	X BOTT
DISKO	IS	92	71	22.0	52	15.0	59	8	15	15	200	338	X	X BOTT
DISKO	IS	93	71	23.0	52	16.0	59	8	15	15	500	550	X	X BOTT
DISKO	IS	94	71	24.0	52	17.0	59	8	15	17	200	277	X	X BOTT
DISKO	IS	96	71	.0	53	12.0	59	8	16	22	23	525	X	X BOTT
DISKO	IS	97	71	.0	54	20.0	59	8	17	1	23	538	X	X BOTT
DISKO	IS	98	71	.0	55	15.0	59	8	17	3	23	483	X	X BOTT

BOTTLE/CTD DATA SET NUMBER: 60-0005
YEAR:1960 VESSEL/AGENCY: LABRADOR

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	84	69	1.0	58	5.0	60	9	22	12	200	307		X	X	BOTT		
BAFFIN B	83	68	38.0	60	5.0	60	9	22	8	1400			X	X	BOTT		
BAFFIN B	82	68	20.0	62	5.0	60	9	22	2	1450			X	X	BOTT		
BAFFIN B	81	68	9.5	63	25.0	60	9	21	22	1200	1280		X	X	BOTT		
BAFFIN B	80	68	3.0	64	30.0	60	9	21	18	75	82		X	X	BOTT		
BAFFIN B	79	69	32.0	64	43.0	60	9	21	9	800			X	X	BOTT		
BAFFIN B	75	70	44.5	63	50.0	60	9	20	19	792	2012		X	X	BOTT		
BAFFIN B	76	70	24.5	65	16.0	60	9	20	23	800			X	X	BOTT		
BAFFIN B	77	70	12.5	65	55.0	60	9	21	2	532	594		X	X	BOTT		
BAFFIN B	78	70	5.0	66	42.0	60	9	21	4	100	106		X	X	BOTT		
BAFFIN B	73	71	17.5	62	30.0	60	9	20	11	700			X	X	BOTT		
BAFFIN B	74	71	3.0	62	45.0	60	9	20	15	2054	2158		X	X	BOTT		
BAFFIN B	72	71	41.0	64	30.0	60	9	20	7	776			X	X	BOTT		
BAFFIN B	69	71	54.3	69	22.0	60	9	19	12	1800	1884		X	X	BOTT		
BAFFIN B	71	72	47.0	65	35.0	60	9	19	23	2200	2377		X	X	BOTT		
BAFFIN B	70	72	12.5	68	5.5	60	9	19	16	2200	2241		X	X	BOTT		
BAFFIN B	62	73	56.0	69	.0	60	9	18	3	1721	1875		X	X	BOTT		
BAFFIN B	67	71	31.0	70	51.0	60	9	19	6	170	188		X	X	BOTT		
BAFFIN B	68	71	40.0	70	23.0	60	9	19	8	720			X	X	BOTT		
BAFFIN B	65	72	40.0	74	9.0	60	9	18	18	640	677		X	X	BOTT		
BAFFIN B	66	72	31.5	74	39.5	60	9	18	20	160			X	X	BOTT		
BAFFIN B	63	73	28.0	71	35.0	60	9	18	10	950	1134		X	X	BOTT		
BAFFIN B	64	73	10.0	73	11.0	60	9	18	14	846	914		X	X	BOTT		
BAFFIN B	58	73	40.0	76	22.0	60	9	17	7	656			X	X	BOTT		
ECLIPSE	57	73	30.0	77	.0	60	9	17	5	492			X	X	BOTT		
BAFFIN B	61	74	52.0	71	7.0	60	9	17	20	750			X	X	BOTT		
BAFFIN B	60	74	16.5	73	44.0	60	9	17	14	535	690		X	X	BOTT		

BAFFIN B	59	74	.0	75	.0	60	9	17	11	705	760		X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 60-0009
YEAR:1960 VESSEL/AGENCY: _WESTWIND

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	21	69	.0	64	25.0	60	9	9		230	247		X	X	BOTT		
DISKO IS	11	70	2.0	57	41.0	60	9	3		250	302		X	X	BOTT		
BAFFIN B	10	70	50.0	64	57.0	60	9	2		2000	2131		X	X	BOTT		
BAFFIN B	9	71	45.0	61	15.0	60	9	2		384	1561		X	X	BOTT		
BAFFIN B	8	71	55.0	69	38.0	60	9	1		293	1838		X	X	BOTT		
BAFFIN B	7	73	.0	65	3.0	60	8	31		2200	2286		X	X	BOTT		
BAFFIN B	6	73	21.0	69	37.0	60	8	31		1658	1792		X	X	BOTT		
MELV BAY	4	74	50.0	62	37.0	60	8	30		200	348		X	X	BOTT		
BAFFIN B	3	75	1.0	69	32.0	60	8	29		700	759		X	X	BOTT		
BAFFIN B	5	74	25.0	73	6.0	60	8	31		850	914		X	X	BOTT		
SMITH SD	2	76	10.0	74	.0	60	8	29		400	430		X	X	BOTT		
SMITH SD	1	78	.0	73	58.0	60	8	28		360	457		X	X	BOTT		
BAFFIN B	12	68	47.0	59	20.0	60	9	3		591	644		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 61-0004
YEAR:1961 VESSEL/AGENCY: LABRADOR

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	109	69	41.0	58	9.0	61	9	28	11	250	293		X	X	BOTT		
BAFFIN B	112	68	52.0	63	17.0	61	9	29	6	1500	1610		X	X	BOTT		
BAFFIN B	113	68	37.0	64	18.0	61	9	29	10	150	200		X	X	BOTT		
BAFFIN B	114	68	33.0	65	21.0	61	9	29	13	30	77		X	X	BOTT		
BAFFIN B	110	69	20.0	60	.0	61	9	28	17	1500	1700		X	X	BOTT		
BAFFIN B	111	69	5.0	61	48.0	61	9	28	23	1474	1890		X	X	BOTT		
DISKO IS	108	70	.0	55	58.0	61	9	28	6	123	154		X	X	BOTT		
BAFFIN B	105	71	53.0	59	47.0	61	9	27	1	544	596		X	X	BOTT		
DISKO IS	106	72	30.0	57	30.0	61	9	27	8	214	247		X	X	BOTT		
MELV BAY	90	74	19.5	58	33.0	61	9	21	4	400	457		X	X	BOTT		
MELV BAY	89	74	56.0	59	15.0	61	9	20	23	190	226		X	X	BOTT		
BAFFIN B	107	70	45.0	60	.0	61	9	27	19	567	612		X	X	BOTT		
BAFFIN B	102	70	45.0	64	15.0	61	9	26	6	1995	2177		X	X	BOTT		
BAFFIN B	101	70	26.0	65	18.0	61	9	26	1	1182	1244		X	X	BOTT		
BAFFIN B	99	70	6.5	66	58.0	61	9	25	19	70	77		X	X	BOTT		
BAFFIN B	100	70	18.0	66	.0	61	9	25	22	125	168		X	X	BOTT		
BAFFIN B	104	71	22.0	61	55.0	61	9	26	17	1988	2085		X	X	BOTT		
BAFFIN B	103	71	5.0	63	7.0	61	9	26	11	1978	2195		X	X	BOTT		
BAFFIN B	98	71	30.0	65	.0	61	9	25	8	1995	2286		X	X	BOTT		
BAFFIN B	95	71	57.0	69	10.5	61	9	24	11	1498	1930		X	X	BOTT		
BAFFIN B	93	72	47.0	65	33.0	61	9	22	0	2000	2395		X	X	BOTT		
BAFFIN B	94	72	13.7	68	.0	61	9	24	6	1982	2320		X	X	BOTT		
BAFFIN B	92	73	30.0	63	.0	61	9	21	16	500	523		X	X	BOTT		
MELV BAY	91	74	3.0	60	.0	61	9	21	9	500	567		X	X	BOTT		
MELV BAY	88	75	.0	64	.0	61	9	20	16	172	223		X	X	BOTT		
BAFFIN B	85	75	44.0	67	24.0	61	9	19	22	300	338		X	X	BOTT		
BAFFIN B	86	75	14.0	69	30.0	61	9	20	3	600	681		X	X	BOTT		

BAFFIN B	87	75 .0	69 .0	61	9	20	6	900	942	X	X	BOTT	
BAFFIN B	96	71 40.0	70 20.0	61	9	24	16	293	348	X	X	BOTT	
BAFFIN B	97	71 33.0	70 56.0	61	9	24	19	175	192	X	X	BOTT	
BAFFIN B	80	73 44.0	76 23.0	61	9	18	19	818	914	X	X	BOTT	
ECLIPSE	79	73 33.0	77 7.0	61	9	18	15	800	1030	X	X	BOTT	
ECLIPSE	65	73 56.3	79 56.5	61	9	15	10	750	823	X	X	BOTT	
BAFFIN B	84	74 52.0	71 8.0	61	9	19	12	950	1019	X	X	BOTT	
BAFFIN B	83	74 30.0	72 30.0	61	9	19	7	887	982	X	X	BOTT	
BAFFIN B	82	74 17.0	73 44.0	61	9	19	3	685	736	X	X	BOTT	
BAFFIN B	81	74 2.0	75 .0	61	9	18	23	744	805	X	X	BOTT	
BAFFIN B	70	74 50.0	76 20.0	61	9	16	2	350	384	X	X	BOTT	
BAFFIN B	69	74 40.0	77 28.0	61	9	15	23	249	300	X	X	BOTT	
BAFFIN B	68	74 30.0	78 37.0	61	9	15	20	570	603	X	X	BOTT	
BAFFIN B	66	74 7.0	79 30.0	61	9	15	13	775	814	X	X	BOTT	
BAFFIN B	67	74 18.5	79 4.0	61	9	15	17	650	713	X	X	BOTT	
BAFFIN B	78	75 .0	75 .0	61	9	18	3	550	612	X	X	BOTT	
BAFFIN B	72	75 42.0	76 21.0	61	9	16	12	300	338	X	X	BOTT	
BAFFIN B	71	75 30.5	78 25.0	61	9	16	8	435	492	X	X	BOTT	
SMITH SD	74	76 18.0	71 .0	61	9	16	23	650	677	X	X	BOTT	
SMITH SD	75	76 58.0	71 52.0	61	9	17	5	949	1033	X	X	BOTT	
SMITH SD	73	76 .0	74 .0	61	9	16	17	375	411	X	X	BOTT	
SMITH SD	76	76 54.0	74 20.0	61	9	17	11	396	521	X	X	BOTT	
SMITH SD	77	76 51.0	75 54.0	61	9	17	15	346	460	X	X	BOTT	
SMITH SD	8	77 9.0	75 45.0	61	8	23	19	500	564	X	X	BOTT	
SMITH SD	7	78 .0	73 44.0	61	8	23	12	300	366	X	X	BOTT	
SMITH SD	5	78 54.3	75 45.5	61	8	21	23	40	44	X	X	BOTT	
SMITH SD	6	78 54.0	75 45.5	61	8	22	16	30	36	X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 61-0010
YEAR:1961 VESSEL/AGENCY: EDISTO

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
DISKO IS	60	69	52.0	55	58.0	61	9	16		105	119		X	X	BOTT	
BAFFIN B	71	69	12.0	60	5.0	61	9	27		1533	1701		X	X	BOTT	
MELV BAY	61	74	58.0	58	59.0	61	9	17		280	303		X	X	BOTT	
BAFFIN B	70	70	40.0	60	4.0	61	9	27		388	640		X	X	BOTT	
BAFFIN B	69	71	30.0	65	8.0	61	9	27		2220	2332		X	X	BOTT	
BAFFIN B	68	71	42.0	68	35.0	61	9	26		1950	2085		X	X	BOTT	
BAFFIN B	67	72	58.0	62	55.0	61	9	26		1000	2030		X	X	BOTT	
MELV BAY	62	74	58.0	64	.0	61	9	17		220	230		X	X	BOTT	
BAFFIN B	66	75	.0	70	.0	61	9	25		841	914		X	X	BOTT	
BAFFIN B	64	75	55.0	74	30.0	61	9	25		340	384		X	X	BOTT	
BAFFIN B	65	75	.0	74	59.0	61	9	25		480	510		X	X	BOTT	
SMITH SD	63	78	5.0	74	18.0	61	9	24		516	631		X	X	BOTT	
BAFFIN B	72	68	30.0	65	5.0	61	9	28		68	86		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 61-0011
YEAR:1961 VESSEL/AGENCY: DANA

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
DISKO IS	365	68	5.0	55	54.0	61	7	30		115	120		X	X	BOTT	
DISKO IS	366	68	2.0	55	28.0	61	7	30		95	99		X	X	BOTT	
DISKO IS	367	68	.0	55	.0	61	7	30		40	43		X	X	BOTT	
DISKO IS	364	68	7.0	56	44.0	61	7	30		210	220		X	X	BOTT	
DISKO IS	363	68	8.0	57	17.0	61	7	30		310	325		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 61-0012
YEAR:1961 VESSEL/AGENCY: DEVON IS. EXP.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
JONES SD	1	75	45.0	84	35.0	61	11	13	10	80	80		X	X	BOTT	
JONES SD	2	75	45.0	84	35.0	61	11	27	10	78	80		X	X	BOTT	
JONES SD	3	75	45.0	84	35.0	61	12	24	10	78	80		X	X	BOTT	
JONES SD	4	75	45.0	84	35.0	62	1	9	10	80	80		X	X	BOTT	
JONES SD	5	75	45.0	84	35.0	62	1	21	10	80	80		X	X	BOTT	
JONES SD	6	75	45.0	84	35.0	62	2	3	10	80	80		X	X	BOTT	
JONES SD	7	75	45.0	84	35.0	62	2	18	10	80	80		X	X	BOTT	
JONES SD	8	75	45.0	84	35.0	62	3	5	10	80	80		X	X	BOTT	
JONES SD	9	75	45.0	84	35.0	62	3	19	10	80	80		X	X	BOTT	

JONES SD	10	75	45.0	84	35.0	62	4	2	10	80	80		X	X BOTT
JONES SD	11	75	45.0	84	35.0	62	4	16	10	80	80		X	X BOTT
JONES SD	12	75	45.0	84	35.0	62	5	1	10	80	80		X	X BOTT
JONES SD	13	75	45.0	84	35.0	62	5	26	10	80	80		X	X BOTT
JONES SD	14	75	45.0	84	35.0	62	6	12	10	80	80		X	X BOTT
JONES SD	15	75	45.0	84	35.0	62	6	29	10	80	80		X	X BOTT

BOTTLE/CTD DATA SET NUMBER: 62-0006
YEAR:1962 VESSEL/AGENCY: MACDONALD

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
JONES SD	25	75	39.0	87	.0	62	8	15	3	30	40		X	X	BOTT		
JONES SD	26	75	52.0	87	.0	62	8	15	5	300	402		X	X	BOTT		
JONES SD	24	76	1.0	81	23.0	62	8	14	10	700	732		X	X	BOTT		
JONES SD	27	76	5.0	87	.0	62	8	15	8	600	616		X	X	BOTT		
JONES SD	28	76	18.0	87	.0	62	8	15	11	400	435		X	X	BOTT		
JONES SD	29	76	23.0	89	22.0	62	8	15	15	150	181		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 62-0007
YEAR:1962 VESSEL/AGENCY: LABRADOR

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	68	68	46.0	64	.0	62	10	13	4	1149	1400		X	X	BOTT		
BAFFIN B	66	69	20.0	60	.0	62	10	12	14	1500	1646		X	X	BOTT		
BAFFIN B	67	69	1.0	62	.0	62	10	12	21	1687	1903		X	X	BOTT		
DISKO IS	65	70	.0	56	.0	62	10	12	4	100	128		X	X	BOTT		
MELV BAY	56	75	.0	59	37.0	62	10	9	0	100	109		X	X	BOTT		
BAFFIN B	64	70	45.0	60	.0	62	10	11	18	447	517		X	X	BOTT		
BAFFIN B	63	71	30.0	65	.0	62	10	11	5	2200	2305		X	X	BOTT		
BAFFIN B	61	71	45.0	69	.0	62	10	10	12	1800	1920		X	X	BOTT		
BAFFIN B	59	72	58.0	64	47.0	62	10	9	21	2200	2332		X	X	BOTT		
BAFFIN B	60	72	21.0	67	.0	62	10	10	5	2288	2413		X	X	BOTT		
BAFFIN B	58	73	30.0	63	.0	62	10	9	14	500	545		X	X	BOTT		
MELV BAY	57	74	30.0	60	20.0	62	10	9	4	608	759		X	X	BOTT		
MELV BAY	55	74	59.0	63	58.0	62	10	8	17	149	177		X	X	BOTT		
BAFFIN B	54	75	37.0	67	40.0	62	10	8	7	275	310		X	X	BOTT		
BAFFIN B	62	71	29.0	70	.0	62	10	10	18	555	713		X	X	BOTT		
BAFFIN B	51	73	34.0	76	45.0	62	10	7	6	935	997		X	X	BOTT		
BAFFIN B	52	74	6.5	74	16.0	62	10	7	12	700	777		X	X	BOTT		
BAFFIN B	53	75	.0	70	4.0	62	10	7	23	764	844		X	X	BOTT		
BAFFIN B	50	75	4.0	75	5.0	62	10	6	18	500	539		X	X	BOTT		
BAFFIN B	47	75	43.0	77	.0	62	10	5	18	250	292		X	X	BOTT		
BAFFIN B	46	75	26.0	79	22.0	62	10	5	11	495	600		X	X	BOTT		
SMITH SD	49	76	15.0	70	42.0	62	10	6	8	600	681		X	X	BOTT		
SMITH SD	9	76	59.5	74	28.0	62	9	27	22	575	603		X	X	BOTT		
SMITH SD	48	76	.0	74	.0	62	10	6	1	360	402		X	X	BOTT		
SMITH SD	7	77	.0	72	.0	62	9	27	13	997	1053		X	X	BOTT		
SMITH SD	4	77	30.0	73	.0	62	9	26	23	148	174		X	X	BOTT		
SMITH SD	8	77	.0	73	.0	62	9	27	18	300	388		X	X	BOTT		

SMITH SD	5	77	30.0	74	.0	62	9	27	3	241	329		X	X BOTT
SMITH SD	6	77	31.0	74	54.0	62	9	27	6	710	735		X	X BOTT
SMITH SD	10	77	.0	76	.0	62	9	28	2	400	435		X	X BOTT
SMITH SD	11	77	.0	77	.0	62	9	28	6	174	183		X	X BOTT
SMITH SD	1	78	.5	73	.0	62	9	26	11	110	119		X	X BOTT
SMITH SD	2	78	.5	74	.0	62	9	26	14	555	567		X	X BOTT
SMITH SD	3	78	.0	75	.0	62	9	26	18	630	677		X	X BOTT
JONES SD	14	75	58.0	81	41.0	62	9	29	4	584	640		X	X BOTT
JONES SD	15	75	53.2	81	38.0	62	9	29	7	381	442		X	X BOTT
JONES SD	16	75	54.5	82	28.0	62	9	29	9	490	576		X	X BOTT
JONES SD	22	75	58.0	84	14.0	62	9	30	3	495	558		X	X BOTT
JONES SD	23	75	53.0	84	4.0	62	9	30	5	100	120		X	X BOTT
JONES SD	12	76	7.0	81	31.0	62	9	28	23	110	292		X	X BOTT
JONES SD	13	76	4.0	81	31.0	62	9	29	1	638	732		X	X BOTT
JONES SD	17	76	3.0	82	34.0	62	9	29	11	591	753		X	X BOTT
JONES SD	18	76	10.0	82	34.0	62	9	29	15	588	647		X	X BOTT
JONES SD	19	76	17.5	82	45.0	62	9	29	17	544	622		X	X BOTT
JONES SD	20	76	10.0	84	26.0	62	9	29	21	110	122		X	X BOTT
JONES SD	21	76	4.7	84	20.0	62	9	30	0	688	732		X	X BOTT

BOTTLE/CTD DATA SET NUMBER: 62-0010
YEAR:1962 VESSEL/AGENCY: ATKA

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
DISKO IS	11	70	1.0	56	18.0	62	9	30		133	152		X	X	BOTT		
BAFFIN B	10	70	48.0	59	58.0	62	9	30		431	482		X	X	BOTT		
MELV BAY	6	74	59.0	59	15.0	62	9	28		600	603		X	X	BOTT		
BAFFIN B	9	71	40.0	64	57.0	62	9	29		2197	2286		X	X	BOTT		
BAFFIN B	8	71	41.0	68	33.0	62	9	28		1728	1939			X	BOTT		
BAFFIN B	7	73	.0	63	15.0	62	9	28		1852	1938		X	X	BOTT		
MELV BAY	5	74	58.0	64	19.0	62	9	27		250	265		X	X	BOTT		

BAFFIN B	4	75	.0	69	49.0	62	9	27	850	869		X	X	BOTT	
BAFFIN B	3	75	8.0	77	14.0	62	9	27	371	382		X	X	BOTT	
SMITH SD	2	76	.0	76	12.0	62	9	26	325	338			X	BOTT	
SMITH SD	1	78	.0	74	.0	62	9	26	345	435			X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 62-0011
YEAR:1962 VESSEL/AGENCY: EVERGREEN

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
BAFFIN B	426	69	56.5	60	40.0	62	7	27		1113	1120		X	X	BOTT		
BAFFIN B	425	69	52.0	61	33.0	62	7	27		1766	1830		X	X	BOTT		
BAFFIN B	417	69	4.0	62	24.0	62	7	26		1900	1950		X	X	BOTT		
BAFFIN B	418	69	15.0	62	45.0	62	7	26		1943	2010		X	X	BOTT		
BAFFIN B	424	69	43.5	62	28.0	62	7	27		1942	2020		X	X	BOTT		
BAFFIN B	423	69	36.5	63	21.0	62	7	27		1903	2020		X	X	BOTT		
BAFFIN B	420	69	25.0	64	56.0	62	7	26		1007	1045		X	X	BOTT		
BAFFIN B	421	69	25.0	64	42.0	62	7	26		1143	1170		X	X	BOTT		
BAFFIN B	422	69	25.5	64	16.0	62	7	27		1694	1760		X	X	BOTT		
BAFFIN B	419	69	15.0	65	5.0	62	7	26		700	730		X	X	BOTT		
DISKO IS	436	70	37.0	54	51.0	62	7	28		491	505		X	X	BOTT		
DISKO IS	434	70	31.0	55	38.0	62	7	28		75	87		X	X	BOTT		
DISKO IS	435	70	34.0	55	10.0	62	7	28		268	310		X	X	BOTT		
DISKO IS	432	70	25.0	56	32.0	62	7	28		214	242		X	X	BOTT		
DISKO IS	433	70	28.5	56	8.0	62	7	28		152	174		X	X	BOTT		
DISKO IS	430	70	17.0	57	35.0	62	7	28		312	365		X	X	BOTT		
DISKO IS	431	70	20.0	57	1.0	62	7	28		242	283		X	X	BOTT		
BAFFIN B	428	70	9.0	58	48.0	62	7	28		270	310		X	X	BOTT		
BAFFIN B	429	70	13.0	58	8.0	62	7	28		303	342		X	X	BOTT		
BAFFIN B	427	70	3.0	59	40.0	62	7	27		402	424		X	X	BOTT		
BAFFIN B	414	68	11.0	61	8.0	62	7	25		1678	1720		X	X	BOTT		
BAFFIN B	415	68	28.5	61	34.0	62	7	25		1713	1820		X	X	BOTT		

BAFFIN B	416	68	47.5	62	.0	62	7	25		1840	1890		X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 63-0005
YEAR:1963 VESSEL/AGENCY: EVERGREEN

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
MELV BAY	43	74	49.3	66	43.0	63	8	4		1460	1555		X	X	BOTT		
MELV BAY	44	74	42.0	66	55.0	63	8	4		1811	2085		X	X	BOTT		
BAFFIN B	42	74	52.5	67	9.5	63	8	4		898	1059		X	X	BOTT		
SMITH SD	41	76	22.0	69	59.0	63	8	2		132	139		X	X	BOTT		
NARES ST	13	79	59.0	69	44.0	63	7	29		246	269		X	X	BOTT		
NARES ST	15	79	40.5	69	5.0	63	7	30		130	141		X	X	BOTT		
SMITH SD	39	76	21.5	71	53.5	63	8	2		588	686		X	X	BOTT		
SMITH SD	40	76	22.0	71	8.0	63	8	2		398	530		X	X	BOTT		
SMITH SD	38	76	20.0	72	46.5	63	8	2		538	558		X	X	BOTT		
SMITH SD	37	76	19.5	73	34.0	63	8	2		533	549		X	X	BOTT		
SMITH SD	36	76	21.2	74	22.0	63	8	2		465	488		X	X	BOTT		
SMITH SD	35	76	21.2	75	20.0	63	8	2		398	439		X	X	BOTT		
SMITH SD	31	76	55.0	76	20.0	63	8	1		155	183		X	X	BOTT		
SMITH SD	34	76	22.0	76	20.0	63	8	2		150	165		X	X	BOTT		
SMITH SD	33	76	22.5	77	24.0	63	8	2		343	375		X	X	BOTT		
SMITH SD	32	76	19.1	78	2.0	63	8	2		145	159		X	X	BOTT		
SMITH SD	28	77	39.5	72	22.0	63	7	31		103	113		X	X	BOTT		
SMITH SD	29	77	1.0	72	21.0	63	8	1		953	1152		X	X	BOTT		
SMITH SD	27	77	44.0	74	26.0	63	7	31		456	540		X	X	BOTT		
SMITH SD	30	77	6.3	74	55.0	63	8	1		643	677		X	X	BOTT		
SMITH SD	26	77	45.0	75	30.0	63	7	31		646	668		X	X	BOTT		
SMITH SD	16	78	57.0	71	30.1	63	7	30		285	287		X	X	BOTT		
SMITH SD	18	78	27.2	72	57.0	63	7	30		226	241		X	X	BOTT		
SMITH SD	17	78	48.0	73	14.0	63	7	30		384	406		X	X	BOTT		
SMITH SD	19	78	28.2	73	13.5	63	7	30		386	448		X	X	BOTT		

SMITH SD	20	78	30.0	73	37.0	63	7	30	435	494	X	X	BOTT
SMITH SD	21	78	31.0	73	50.0	63	7	30	503	549	X	X	BOTT
SMITH SD	24	78	6.5	73	58.0	63	7	31	660	722	X	X	BOTT
SMITH SD	22	78	33.3	74	7.0	63	7	30	397	457	X	X	BOTT
SMITH SD	23	78	34.0	74	27.0	63	7	30	222	265	X	X	BOTT
SMITH SD	25	78	9.5	74	42.5	63	7	31	624	677	X	X	BOTT
NARES ST	7	79	12.2	70	36.0	63	7	29	214	232	X	X	BOTT
NARES ST	8	79	8.3	70	18.0	63	7	29	177	196	X	X	BOTT
NARES ST	9	79	5.4	70	8.0	63	7	29	301	320	X	X	BOTT
NARES ST	14	79	58.0	70	16.0	63	7	29	238	256	X	X	BOTT
NARES ST	3	79	28.3	71	59.0	63	7	28	230	241	X	X	BOTT
NARES ST	4	79	24.0	71	43.0	63	7	28	220	238	X	X	BOTT
NARES ST	5	79	21.6	71	25.0	63	7	29	178	187	X	X	BOTT
NARES ST	6	79	17.0	71	4.0	63	7	29	187	205	X	X	BOTT
NARES ST	1	79	34.0	72	39.0	63	7	28	232	241	X	X	BOTT
NARES ST	2	79	28.9	72	35.1	63	7	28	240	260	X	X	BOTT
NARES ST	10	80	8.6	67	57.0	63	7	29	263	287	X	X	BOTT
NARES ST	11	80	6.3	68	27.0	63	7	29	309	315	X	X	BOTT
NARES ST	12	80	3.1	69	5.0	63	7	29	257	274	X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 63-0006
YEAR:1963 VESSEL/AGENCY: LABRADOR

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
BAFFIN B	113	68	45.0	65	.0	63	10	13	17	120	145		X	X	BOTT		
BAFFIN B	112	69	.0	60	.0	63	10	13	5	1550	1609		X	X	BOTT		
DISKO IS	111	70	.0	56	.0	63	10	12	18	99	138		X	X	BOTT		
MELV BAY	102	74	31.0	58	38.0	63	10	9	13	400	502		X	X	BOTT		
MELV BAY	101	74	30.0	59	30.0	63	10	9	11	700	747		X	X	BOTT		
MELV BAY	103	74	25.0	59	12.0	63	10	9	15	689	803		X	X	BOTT		
BAFFIN B	110	70	30.0	60	.0	63	10	12	7	628	703		X	X	BOTT		

BAFFIN B	109	71	30.0	65	.0	63	10	11	17	600	2323		X	X BOTT
BAFFIN B	108	71	30.0	69	30.0	63	10	11	6	294	776		X	X BOTT
BAFFIN B	106	72	45.0	64	40.0	63	10	10	6	2191	2286		X	X BOTT
BAFFIN B	107	72	20.0	65	25.0	63	10	10	11	2300	2395		X	X BOTT
MELV BAY	104	74	20.0	60	.0	63	10	9	17	600	730		X	X BOTT
MELV BAY	105	74	7.0	61	35.0	63	10	9	21	600	681		X	X BOTT
MELV BAY	100	74	30.0	64	5.0	63	10	9	4	400	438		X	X BOTT
BAFFIN B	86	75	48.5	67	4.0	63	10	6	14	248	290		X	X BOTT
BAFFIN B	87	75	47.0	67	36.0	63	10	6	15	257	319		X	X BOTT
BAFFIN B	88	75	35.0	68	10.0	63	10	6	17	285	319		X	X BOTT
BAFFIN B	89	75	28.0	68	44.0	63	10	6	19	500	557		X	X BOTT
BAFFIN B	90	75	12.0	69	50.0	63	10	6	21	673	703		X	X BOTT
NARES ST	9	79	50.0	65	50.0	63	9	18	11	135	158		X	X BOTT
NARES ST	17	79	32.0	65	46.0	63	9	19	12	365	388		X	X BOTT
NARES ST	10	79	51.0	66	46.0	63	9	18	13	100	118		X	X BOTT
NARES ST	16	79	32.0	66	50.0	63	9	19	10	175	200		X	X BOTT
NARES ST	11	79	51.5	68	14.0	63	9	18	15	150	167		X	X BOTT
NARES ST	12	79	49.0	69	48.0	63	9	18	18	150	176		X	X BOTT
NARES ST	15	79	33.0	69	6.0	63	9	19	3	145	163		X	X BOTT
BAFFIN B	94	73	55.0	75	10.0	63	10	7	13	790	886		X	X BOTT
BAFFIN B	95	73	46.0	75	45.0	63	10	7	15	600	922		X	X BOTT
BAFFIN B	96	73	40.0	76	17.0	63	10	7	18	829	931		X	X BOTT
BAFFIN B	97	73	34.0	76	42.0	63	10	7	20	865	1005		X	X BOTT
ECLIPSE	98	73	30.0	77	.0	63	10	7	23	907	1069		X	X BOTT
BAFFIN B	99	74	30.0	70	.0	63	10	8	13	1500	1636		X	X BOTT
BAFFIN B	91	74	50.0	71	20.0	63	10	7	1	784	977		X	X BOTT
BAFFIN B	92	74	30.0	72	40.0	63	10	7	5	850	913		X	X BOTT
BAFFIN B	93	74	10.0	74	.0	63	10	7	9	664	740		X	X BOTT
BAFFIN B	75	74	30.0	75	.0	63	10	3	12	473	611		X	X BOTT
BAFFIN B	76	74	30.0	76	32.0	63	10	3	15	525	593		X	X BOTT
BAFFIN B	77	74	30.0	77	30.0	63	10	3	18	414	456		X	X BOTT
BAFFIN B	78	74	30.0	78	40.0	63	10	3	21	571	611		X	X BOTT
BAFFIN B	79	74	30.0	79	19.0	63	10	4	0	507	666		X	X BOTT
BAFFIN B	80	74	26.0	79	55.0	63	10	4	2	668	740		X	X BOTT
BAFFIN B	81	75	48.0	77	37.0	63	10	4	22	190	209		X	X BOTT
BAFFIN B	62	75	44.4	79	26.0	63	9	27	19	496	529		X	X BOTT
BAFFIN B	63	75	40.7	79	45.0	63	9	28	2	456	570		X	X BOTT
BAFFIN B	64	75	38.0	79	40.0	63	9	28	10	436	557		X	X BOTT
BAFFIN B	65	75	33.5	79	50.0	63	9	28	12	500	533		X	X BOTT

SMITH SD	72	76	32.0	70	29.0	63	10	2	12	71	96	X	X	BOTT
SMITH SD	73	76	32.0	71	.0	63	10	2	14	345	392	X	X	BOTT
SMITH SD	74	76	27.0	71	48.0	63	10	2	16	468	538	X	X	BOTT
SMITH SD	83	76	27.0	71	43.0	63	10	5	20	489	535	X	X	BOTT
SMITH SD	84	76	22.0	72	34.0	63	10	5	22	533	606	X	X	BOTT
SMITH SD	85	76	12.0	74	9.0	63	10	6	2	380	456	X	X	BOTT
SMITH SD	82	76	.0	76	.0	63	10	5	4	300	328	X	X	BOTT
SMITH SD	41	76	9.0	79	20.0	63	9	24	2	115	173	X	X	BOTT
SMITH SD	42	76	12.0	79	32.0	63	9	24	3	134	160	X	X	BOTT
SMITH SD	43	76	15.0	79	46.0	63	9	24	5	121	151	X	X	BOTT
SMITH SD	71	77	.0	72	.0	63	9	30	17	293	1087	X	X	BOTT
SMITH SD	70	77	6.0	73	30.0	63	9	30	14	400	438	X	X	BOTT
SMITH SD	40	77	59.0	74	10.0	63	9	23	4	427	740	X	X	BOTT
SMITH SD	68	77	28.0	75	25.0	63	9	29	22	570	657	X	X	BOTT
SMITH SD	69	77	10.0	75	3.0	63	9	30	4	475	579	X	X	BOTT
SMITH SD	67	77	15.0	76	30.0	63	9	29	18	455	487	X	X	BOTT
SMITH SD	66	77	20.0	77	50.0	63	9	29	15	200	224	X	X	BOTT
SMITH SD	24	78	36.0	72	35.0	63	9	21	10	295	319	X	X	BOTT
SMITH SD	25	78	27.5	72	58.0	63	9	21	12	261	319	X	X	BOTT
SMITH SD	32	78	23.0	72	54.0	63	9	22	9	196	246	X	X	BOTT
SMITH SD	22	78	40.0	73	38.0	63	9	20	20	355	383	X	X	BOTT
SMITH SD	23	78	38.0	73	12.0	63	9	20	22	428	548	X	X	BOTT
SMITH SD	26	78	28.0	73	30.0	63	9	21	15	365	429	X	X	BOTT
SMITH SD	27	78	31.0	73	58.0	63	9	21	17	295	322	X	X	BOTT
SMITH SD	31	78	21.5	73	43.0	63	9	22	4	478	557	X	X	BOTT
SMITH SD	33	78	10.0	73	20.0	63	9	22	12	252	282	X	X	BOTT
SMITH SD	34	78	11.0	73	46.0	63	9	22	13	476	758	X	X	BOTT
SMITH SD	28	78	33.0	74	34.0	63	9	21	20	196	237	X	X	BOTT
SMITH SD	29	78	19.0	74	50.0	63	9	21	23	489	593	X	X	BOTT
SMITH SD	30	78	20.5	74	18.0	63	9	22	2	460	491	X	X	BOTT
SMITH SD	35	78	11.0	74	15.0	63	9	22	16	641	703	X	X	BOTT
SMITH SD	36	78	11.0	74	50.0	63	9	22	19	530	630	X	X	BOTT
SMITH SD	39	78	5.0	74	.0	63	9	23	1	710	721	X	X	BOTT
SMITH SD	37	78	11.0	75	20.0	63	9	22	21	189	246	X	X	BOTT
SMITH SD	38	78	7.0	75	4.0	63	9	22	22	295	648	X	X	BOTT
NARES ST	13	79	45.0	70	33.0	63	9	18	21	200	249	X	X	BOTT
NARES ST	14	79	27.0	70	52.0	63	9	19	0	170	182	X	X	BOTT
NARES ST	18	79	3.0	70	11.0	63	9	20	2	300	319	X	X	BOTT
NARES ST	19	79	3.0	71	16.0	63	9	20	5	150	246	X	X	BOTT

NARES ST	20	79	2.0	73	2.0	63	9	20	13	250	268	X	X BOTT
NARES ST	21	79	1.0	73	48.0	63	9	20	16	175	209	X	X BOTT
JONES SD	46	75	56.0	81	12.0	63	9	24	14	471	657	X	X BOTT
JONES SD	47	75	53.5	81	10.0	63	9	24	16	425	570	X	X BOTT
JONES SD	52	75	58.0	84	4.0	63	9	25	10	600	641	X	X BOTT
JONES SD	53	75	52.0	84	.0	63	9	25	12	569	584	X	X BOTT
JONES SD	54	75	45.0	87	30.0	63	9	25	19	123	142	X	X BOTT
JONES SD	55	75	49.0	87	23.0	63	9	25	21	191	246	X	X BOTT
JONES SD	44	76	6.0	81	6.0	63	9	24	9	194	237	X	X BOTT
JONES SD	45	76	1.0	81	10.0	63	9	24	10	593	694	X	X BOTT
JONES SD	48	76	2.0	82	32.0	63	9	24	20	787	639	X	X BOTT
JONES SD	49	76	15.5	84	2.0	63	9	25	0	75	99	X	X BOTT
JONES SD	50	76	7.5	84	21.0	63	9	25	2	100	121	X	X BOTT
JONES SD	51	76	5.0	84	12.0	63	9	25	3	708	740	X	X BOTT
JONES SD	56	76	.0	87	15.0	63	9	25	23	442	480	X	X BOTT
JONES SD	57	76	10.0	87	8.0	63	9	26	2	439	507	X	X BOTT
JONES SD	58	76	18.0	87	12.0	63	9	26	11	75	103	X	X BOTT
JONES SD	59	76	19.0	88	52.0	63	9	26	15	85	139	X	X BOTT
JONES SD	60	76	23.0	88	40.0	63	9	26	17	125	173	X	X BOTT
JONES SD	61	76	8.5	88	38.0	63	9	26	18	75	96	X	X BOTT
NARES ST	3	80	59.0	65	58.0	63	9	16	14	435	463	X	X BOTT
NARES ST	4	80	50.0	67	10.0	63	9	16	18	375	403	X	X BOTT
NARES ST	5	80	37.0	67	50.0	63	9	17	0	362	390	X	X BOTT
NARES ST	6	80	12.0	67	49.0	63	9	17	20	99	123	X	X BOTT
NARES ST	7	80	11.5	68	20.0	63	9	17	21	300	334	X	X BOTT
NARES ST	8	80	5.5	69	14.0	63	9	17	23	208	258	X	X BOTT
NARES ST	1	81	21.0	63	40.0	63	9	15	22	491	524	X	X BOTT
NARES ST	2	81	10.0	64	50.0	63	9	16	11	441	472	X	X BOTT

BOTTLE/CTD DATA SET NUMBER: 63-0007
YEAR:1963 VESSEL/AGENCY: BAFFIN

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	48	68	5.0	56	45.0	63	6	11	5	175	183		X	X	BOTT		
DISKO IS	47	68	8.0	57	6.0	63	6	11	3	240	263		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 63-0008
YEAR:1963 VESSEL/AGENCY: DANA

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	96	68	2.0	55	28.0	63	7	15		65	68		X	X	BOTT		
DISKO IS	97	68	.0	55	.0	63	7	16		30	32		X	X	BOTT		
DISKO IS	94	68	7.0	56	44.0	63	7	15		198	200		X	X	BOTT		
DISKO IS	95	68	4.0	56	.0	63	7	15		115	117		X	X	BOTT		
DISKO IS	93	68	6.0	57	32.0	63	7	15		370	405		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 64-0006
YEAR:1964 VESSEL/AGENCY: DANA

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
DISKO IS	58	69	27.0	55	27.0	64	7	24		248	250		X	X	BOTT		
DISKO IS	57	68	21.0	54	49.0	64	7	23		420	425		X	X	BOTT		
DISKO IS	50	68	.0	55	.0	64	7	19		30	30		X	X	BOTT		
DISKO IS	51	68	2.0	55	28.0	64	7	20		70	72		X	X	BOTT		
DISKO IS	52	68	4.0	56	.0	64	7	20		110	112		X	X	BOTT		
DISKO IS	53	68	19.0	56	52.0	64	7	20		445	448		X	X	BOTT		
DISKO IS	56	68	28.0	56	23.0	64	7	22		505	520		X	X	BOTT		
DISKO IS	54	68	13.0	57	25.0	64	7	21		420	430		X	X	BOTT		
DISKO IS	55	68	31.0	57	8.0	64	7	21		370	375		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 64-0007
YEAR:1964 VESSEL/AGENCY: LABRADOR

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
BAFFIN B	80	68	40.0	64	51.0	64	10	7	5	125	137		X	X	BOTT		
BAFFIN B	79	69	.0	60	.0	64	10	6	16	1565	1579		X	X	BOTT		
DISKO IS	78	70	.0	56	.0	64	10	6	7	122	134		X	X	BOTT		
MELV BAY	62	74	30.0	59	25.0	64	10	2	11	710	715		X	X	BOTT		
BAFFIN B	77	70	38.0	60	.0	64	10	5	22	645	654		X	X	BOTT		

BAFFIN B	76	71	3.0	62	13.0	64	10	5	16	1862	1903	X	X BOTT
BAFFIN B	73	71	54.0	63	49.0	64	10	5	0	2194	2314	X	X BOTT
BAFFIN B	75	71	20.0	63	45.0	64	10	5	10	2181	2268	X	X BOTT
BAFFIN B	74	71	30.0	64	55.0	64	10	5	6	2285	2323	X	X BOTT
BAFFIN B	69	71	54.0	67	10.0	64	10	4	1	2270	2377	X	X BOTT
BAFFIN B	52	71	31.0	69	30.0	64	9	27	22	991	1006	X	X BOTT
BAFFIN B	71	72	31.0	64	55.0	64	10	4	13	2210	2360	X	X BOTT
BAFFIN B	72	72	.0	64	55.0	64	10	4	18	2350	2359	X	X BOTT
BAFFIN B	66	72	50.0	66	48.0	64	10	3	9	2290	2413	X	X BOTT
BAFFIN B	70	72	14.0	66	2.0	64	10	4	7	2310	2348	X	X BOTT
BAFFIN B	67	72	26.0	67	22.0	64	10	3	15	2304	2423	X	X BOTT
BAFFIN B	68	72	3.0	68	28.0	64	10	3	20	2225	2286	X	X BOTT
BAFFIN B	58	72	47.0	69	58.0	64	10	1	4	1905	2103	X	X BOTT
BAFFIN B	64	73	45.0	63	6.0	64	10	2	21	640	651	X	X BOTT
BAFFIN B	60	73	47.0	65	50.0	64	10	1	20	2200	2210	X	X BOTT
BAFFIN B	65	73	14.0	65	2.0	64	10	3	3	2100	2195	X	X BOTT
BAFFIN B	59	73	8.0	67	49.0	64	10	1	11	2350	2468	X	X BOTT
BAFFIN B	56	73	37.0	69	57.0	64	9	30	16	1794	1811	X	X BOTT
MELV BAY	63	74	7.0	61	12.5	64	10	2	16	593	631	X	X BOTT
MELV BAY	61	74	28.0	63	52.0	64	10	2	3	229	247	X	X BOTT
MELV BAY	55	74	13.0	66	38.0	64	9	30	7	2280	2286	X	X BOTT
BAFFIN B	54	74	46.0	67	45.0	64	9	30	0	1860	1940	X	X BOTT
MELV BAY	48	75	48.0	66	33.0	64	9	20	2	570	600	X	X BOTT
BAFFIN B	47	75	25.0	67	38.0	64	9	19	19	330	338	X	X BOTT
BAFFIN B	36	75	45.0	68	28.0	64	9	13	1	380	402	X	X BOTT
BAFFIN B	46	75	.0	68	45.0	64	9	19	15	956	1006	X	X BOTT
BAFFIN B	51	72	48.0	74	.0	64	9	25	22	791	810	X	X BOTT
BAFFIN B	57	73	20.0	71	45.0	64	9	30	22	1248	1280	X	X BOTT
BAFFIN B	44	73	47.0	74	8.0	64	9	18	23	850	896	X	X BOTT
BAFFIN B	43	73	22.5	76	12.5	64	9	18	15	996	1040	X	X BOTT
BAFFIN B	53	74	26.0	70	9.0	64	9	29	17	1520	1554	X	X BOTT
BAFFIN B	45	74	8.0	72	8.0	64	9	19	4	976	1006	X	X BOTT
BAFFIN B	50	74	32.0	77	56.0	64	9	25	12	620	626	X	X BOTT
BAFFIN B	42	74	55.0	78	48.0	64	9	14	7	470	485	X	X BOTT
BAFFIN B	37	75	37.0	70	5.0	64	9	13	7	515	540	X	X BOTT
BAFFIN B	38	75	28.0	71	52.0	64	9	13	12	590	612	X	X BOTT
BAFFIN B	39	75	23.5	73	34.0	64	9	13	17	543	567	X	X BOTT
BAFFIN B	40	75	13.0	75	18.0	64	9	13	22	400	417	X	X BOTT
BAFFIN B	49	75	53.0	76	43.0	64	9	25	1	260	269	X	X BOTT

BAFFIN B	41	75	5.0	77	2.0	64	9	14	2	350	375	X	X BOTT
SMITH SD	32	76	14.0	70	30.0	64	9	11	21	633	649	X	X BOTT
SMITH SD	33	76	9.5	71	24.0	64	9	12	2	555	576	X	X BOTT
SMITH SD	34	76	7.8	72	21.5	64	9	12	5	475	485	X	X BOTT
SMITH SD	31	76	40.0	74	5.0	64	9	11	12	565	576	X	X BOTT
SMITH SD	35	76	2.0	74	23.0	64	9	12	11	350	369	X	X BOTT
SMITH SD	23	77	57.0	73	42.0	64	9	10	10	385	412	X	X BOTT
SMITH SD	1	77	56.5	74	12.2	64	9	5	15	573	658	X	X BOTT
SMITH SD	21	77	57.2	74	38.0	64	9	10	6	712	732	X	X BOTT
SMITH SD	22	77	57.0	74	12.0	64	9	10	8	654	732	X	X BOTT
SMITH SD	24	77	45.0	74	17.0	64	9	10	12	299	329	X	X BOTT
SMITH SD	28	77	30.0	74	42.0	64	9	11	2	637	667	X	X BOTT
SMITH SD	29	77	28.5	74	.0	64	9	11	4	324	330	X	X BOTT
SMITH SD	30	77	.0	74	5.0	64	9	11	8	431	457	X	X BOTT
SMITH SD	19	77	56.0	75	40.0	64	9	10	0	564	614	X	X BOTT
SMITH SD	20	77	57.0	75	5.0	64	9	10	2	625	677	X	X BOTT
SMITH SD	25	77	45.5	75	18.0	64	9	10	15	600	667	X	X BOTT
SMITH SD	27	77	31.5	75	24.0	64	9	11	0	600	658	X	X BOTT
SMITH SD	26	77	33.2	76	2.5	64	9	10	18	600	603	X	X BOTT
SMITH SD	2	78	52.5	72	41.0	64	9	6	1	274	289	X	X BOTT
SMITH SD	14	78	11.0	73	51.0	64	9	9	15	544	567	X	X BOTT
SMITH SD	15	78	10.4	74	10.8	64	9	9	17	559	686	X	X BOTT
SMITH SD	16	78	10.0	74	31.0	64	9	9	18	599	613	X	X BOTT
SMITH SD	17	78	10.3	75	.0	64	9	9	19	608	631	X	X BOTT
SMITH SD	18	78	10.0	75	28.0	64	9	9	21	260	262	X	X BOTT
NARES ST	5	79	42.3	70	28.0	64	9	6	23	175	177	X	X BOTT
NARES ST	13	79	36.0	70	39.0	64	9	9	0	175	177	X	X BOTT
NARES ST	4	79	30.0	71	.0	64	9	6	16	150	180	X	X BOTT
NARES ST	3	79	9.0	72	6.0	64	9	6	9	180	182	X	X BOTT
NARES ST	11	80	49.5	66	47.0	64	9	8	13	428	436	X	X BOTT
NARES ST	6	80	7.0	68	55.0	64	9	7	4	266	293	X	X BOTT
NARES ST	12	80	26.8	68	1.0	64	9	8	17	310	330	X	X BOTT
NARES ST	8	81	45.0	62	11.0	64	9	7	22	489	622	X	X BOTT
NARES ST	9	81	35.0	62	52.0	64	9	8	2	308	420	X	X BOTT
NARES ST	10	81	18.8	63	21.0	64	9	8	5	553	571	X	X BOTT
NARES ST	7	81	5.1	65	15.0	64	9	7	14	465	480	X	X BOTT

BOTTLE/CTD DATA SET NUMBER: 65-0006
YEAR:1965 VESSEL/AGENCY: A.T. CAMERON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	19	68	.8	54	48.0	65	8	2	10	25	26		X	X	BOTT		
DISKO IS	27	68	1.0	54	51.0	65	8	5	10	24	24		X	X	BOTT		
DISKO IS	17	68	51.0	55	45.7	65	8	1	21	98	102		X	X	BOTT		
DISKO IS	18	68	26.2	55	35.0	65	8	2	3	449	452		X	X	BOTT		
DISKO IS	20	68	2.2	55	14.0	65	8	2	15	90	91		X	X	BOTT		
DISKO IS	15	68	54.5	56	38.0	65	8	1	11	173	183		X	X	BOTT		
DISKO IS	16	68	53.5	56	46.0	65	8	1	15	236	240		X	X	BOTT		
DISKO IS	21	68	5.5	56	56.0	65	8	2	19	227	229		X	X	BOTT		
BAFFIN B	22	68	1.0	59	16.0	65	8	3	12	382	397		X	X	BOTT		
BAFFIN B	23	68	2.0	59	25.5	65	8	3	16	525	532		X	X	BOTT		
BAFFIN B	24	68	3.2	59	32.0	65	8	3	19	645	650		X	X	BOTT		
BAFFIN B	25	68	6.3	59	50.0	65	8	4	1	1225	1244		X	X	BOTT		
DISKO IS	28	69	49.5	54	25.5	65	8	7	0	30	31		X	X	BOTT		
BAFFIN B	13	69	10.5	58	56.5	65	7	31	16	621	640		X	X	BOTT		
BAFFIN B	14	69	3.8	58	44.3	65	7	31	22	383	393		X	X	BOTT		
BAFFIN B	12	69	20.0	59	9.5	65	7	31	2	1270	1280		X	X	BOTT		
BAFFIN B	26	68	11.0	60	50.0	65	8	4	12	1646	1646		X	X	BOTT		
DISKO IS	6	70	6.0	55	40.0	65	7	28	13	101	106		X	X	BOTT		
DISKO IS	7	70	3.8	56	43.8	65	7	28	19	177	183		X	X	BOTT		
DISKO IS	8	70	5.0	56	54.0	65	7	28	22	232	242		X	X	BOTT		
BAFFIN B	9	70	6.0	59	18.8	65	7	29	4	363	366		X	X	BOTT		
BAFFIN B	10	70	9.7	60	43.0	65	7	29	17	617	633		X	X	BOTT		
BAFFIN B	11	70	3.0	60	59.0	65	7	30	1	1222	1225		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 65-0007
YEAR:1965 VESSEL/AGENCY: LABRADOR

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
DISKO IS	136	70	.0	56	.0	65	10	13	18	100	125		X	X	BOTT	
BAFFIN B	135	70	36.0	60	.0	65	10	13	11	600	647		X	X	BOTT	
BAFFIN B	131	71	42.0	65	.0	65	10	4	16	1992	2385		X	X	BOTT	
BAFFIN B	130	71	36.0	69	.0	65	10	4	4	1191	1525		X	X	BOTT	
BAFFIN B	132	73	12.0	63	17.0	65	10	5	22	1201	1534		X	X	BOTT	
MELV BAY	134	74	57.0	65	9.0	65	10	6	20	301	349		X	X	BOTT	
MELV BAY	133	75	.0	61	.0	65	10	6	13	800	848		X	X	BOTT	
BAFFIN B	129	75	42.0	70	.0	65	10	2	14	505	556		X	X	BOTT	
BAFFIN B	126	75	36.0	77	28.0	65	9	30	22	297	349		X	X	BOTT	
SMITH SD	127	77	6.0	76	2.0	65	10	1	11	400	418		X	X	BOTT	
SMITH SD	128	78	.0	74	30.0	65	10	1	19	600	743		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 65-0008
YEAR:1965 VESSEL/AGENCY: HERWIG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
DISKO IS	53	68	.0	55	29.0	65	8	28	21	75	87		X	X	BOTT	
DISKO IS	54	68	12.0	55	16.0	65	8	28	24	150	150		X	X	BOTT	
DISKO IS	55	69	49.0	55	17.0	65	8	29	9	75	75		X	X	BOTT	

DISKO IS	56	70 6.0	55 13.0	65	8	29	11	75	85		X	X	BOTT
DISKO IS	57	70 11.0	55 15.0	65	8	29	12	80	80		X	X	BOTT
DISKO IS	58	70 28.0	55 38.0	65	8	29	16	80	80		X	X	BOTT
DISKO IS	59	70 36.0	55 43.0	65	8	29	19	250	270		X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 66-0004
YEAR:1966 VESSEL/AGENCY: EDISTO

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
DISKO IS	94	72 42.0	56 41.0	66	8	25		253	272		X	X	BOTT		
DISKO IS	95	72 37.0	57 25.0	66	8	25		202	227		X	X	BOTT		
BAFFIN B	96	72 27.8	58 8.0	66	8	25		200	216		X	X	BOTT		
BAFFIN B	97	72 19.0	58 54.0	66	8	25		297	324		X	X	BOTT		
BAFFIN B	98	72 9.0	59 45.0	66	8	25		314	340		X	X	BOTT		
BAFFIN B	105	70 54.0	66 57.5	66	8	27		1008	1013		X	X	BOTT		
BAFFIN B	106	70 49.5	67 25.0	66	8	27		201	227		X	X	BOTT		
BAFFIN B	107	70 43.5	67 53.0	66	8	27		100	117		X	X	BOTT		
BAFFIN B	100	71 48.0	62 5.0	66	8	26		2046	2055		X	X	BOTT		
BAFFIN B	101	71 32.8	63 25.0	66	8	26		2264	2276		X	X	BOTT		
BAFFIN B	102	71 18.0	64 48.0	66	8	26		2185	2257		X	X	BOTT		
BAFFIN B	103	71 7.5	65 44.0	66	8	27		2116	2116		X	X	BOTT		
BAFFIN B	104	71 .5	66 28.5	66	8	27		1510	1562		X	X	BOTT		
BAFFIN B	99	72 3.5	60 36.0	66	8	26		1121	1141		X	X	BOTT		
BAFFIN B	79	72 35.0	68 55.0	66	8	13		2075	2111		X	X	BOTT		
BAFFIN B	78	72 22.0	69 42.0	66	8	13		1653	1836		X	X	BOTT		
BAFFIN B	64	74 58.0	68 56.0	66	8	11		772	986		X	X	BOTT		
BAFFIN B	65	74 42.5	69 23.5	66	8	11		1413	1544		X	X	BOTT		
BAFFIN B	80	74 40.0	69 35.5	66	8	14		1536	1561		X	X	BOTT		
BAFFIN B	59	75 54.0	67 35.0	66	8	10		87	99		X	X	BOTT		
BAFFIN B	60	75 44.3	67 47.3	66	8	10		244	244		X	X	BOTT		
BAFFIN B	61	75 34.5	68 5.0	66	8	10		287	309		X	X	BOTT		

BAFFIN B	62	75 24.0	68 24.0	66	8	11	384	428	X	X	BOTT
BAFFIN B	63	75 14.2	68 40.0	66	8	11	493	669	X	X	BOTT
BAFFIN B	45	75 59.3	69 49.0	66	8	5	381	474	X	X	BOTT
SMITH SD	46	76 3.5	69 5.0	66	8	5	127	172	X	X	BOTT
BAFFIN B	74	71 55.0	71 37.0	66	8	12	199	218	X	X	BOTT
BAFFIN B	76	72 8.6	70 47.2	66	8	13	1437	1470	X	X	BOTT
BAFFIN B	77	72 13.0	70 35.0	66	8	13	1542	1618	X	X	BOTT
BAFFIN B	75	72 2.5	71 24.0	66	8	13	807	848	X	X	BOTT
BAFFIN B	68	73 48.0	73 15.0	66	8	11	852	875	X	X	BOTT
BAFFIN B	69	73 38.0	74 .0	66	8	11	903	912	X	X	BOTT
BAFFIN B	70	73 28.0	74 48.0	66	8	12	920	950	X	X	BOTT
BAFFIN B	71	73 22.0	75 2.5	66	8	12	888	922	X	X	BOTT
BAFFIN B	72	73 16.0	75 35.0	66	8	12	882	922	X	X	BOTT
BAFFIN B	73	73 9.0	76 5.0	66	8	12	202	226	X	X	BOTT
BAFFIN B	66	74 21.0	70 54.0	66	8	11	877	1287	X	X	BOTT
BAFFIN B	67	74 2.5	72 18.0	66	8	11	907	924	X	X	BOTT
BAFFIN B	35	74 54.0	79 12.0	66	8	4	399	446	X	X	BOTT
BAFFIN B	44	75 54.2	70 27.0	66	8	4	478	583	X	X	BOTT
BAFFIN B	43	75 49.0	71 17.0	66	8	4	447	483	X	X	BOTT
BAFFIN B	42	75 41.5	72 32.0	66	8	4	408	437	X	X	BOTT
BAFFIN B	41	75 33.0	73 51.0	66	8	4	484	510	X	X	BOTT
BAFFIN B	40	75 25.0	75 .0	66	8	4	433	455	X	X	BOTT
BAFFIN B	39	75 17.0	76 8.5	66	8	4	362	402	X	X	BOTT
BAFFIN B	37	75 5.0	77 50.0	66	8	4	338	364	X	X	BOTT
BAFFIN B	38	75 9.5	77 23.0	66	8	4	354	382	X	X	BOTT
BAFFIN B	36	75 3.0	78 40.0	66	8	4	430	455	X	X	BOTT
BAFFIN B	28	75 35.8	79 43.0	66	8	3	568	593	X	X	BOTT
BAFFIN B	29	75 38.4	79 41.5	66	8	3	526	555	X	X	BOTT
BAFFIN B	30	75 41.0	79 34.0	66	8	3	535	555	X	X	BOTT
BAFFIN B	31	75 45.5	79 36.0	66	8	3	472	538	X	X	BOTT
BAFFIN B	32	75 41.4	79 38.0	66	8	3	504	556	X	X	BOTT
BAFFIN B	33	75 38.0	79 42.0	66	8	3	527	556	X	X	BOTT
BAFFIN B	34	75 35.0	79 46.0	66	8	3	566	566	X	X	BOTT
SMITH SD	11	76 23.7	70 23.0	66	8	1	92	117	X	X	BOTT
SMITH SD	12	76 24.8	71 7.0	66	8	1	465	486	X	X	BOTT
SMITH SD	13	76 25.5	71 51.0	66	8	1	479	519	X	X	BOTT
SMITH SD	14	76 26.3	72 33.8	66	8	1	570	619	X	X	BOTT
SMITH SD	15	76 24.6	73 13.0	66	8	1	542	565	X	X	BOTT
SMITH SD	16	76 25.2	73 58.5	66	8	1	518	553	X	X	BOTT

SMITH SD	17	76	23.9	74	41.0	66	8	1	456	483	X	X	BOTT
SMITH SD	18	76	22.5	75	26.0	66	8	2	403	428	X	X	BOTT
SMITH SD	19	76	21.0	76	10.0	66	8	2	300	318	X	X	BOTT
SMITH SD	20	76	19.8	76	49.0	66	8	2	146	172	X	X	BOTT
SMITH SD	21	76	23.3	77	34.3	66	8	2	248	272	X	X	BOTT
SMITH SD	22	76	25.5	78	7.2	66	8	2	150	170	X	X	BOTT
SMITH SD	23	76	15.2	78	40.0	66	8	2	100	117	X	X	BOTT
SMITH SD	25	76	21.8	78	48.5	66	8	2	203	245	X	X	BOTT
SMITH SD	26	76	16.5	78	53.0	66	8	2	102	124	X	X	BOTT
SMITH SD	27	76	10.5	78	59.0	66	8	2	100	117	X	X	BOTT
SMITH SD	24	76	10.8	79	2.0	66	8	2	125	154	X	X	BOTT
SMITH SD	1	77	26.5	73	18.5	66	7	29	153	177	X	X	BOTT
SMITH SD	93	77	53.0	73	.0	66	8	19	400	424	X	X	BOTT
SMITH SD	2	77	28.0	74	8.0	66	7	30	422	455	X	X	BOTT
SMITH SD	3	77	29.5	74	58.0	66	7	30	702	730	X	X	BOTT
SMITH SD	4	77	31.1	75	28.0	66	7	30	300	649	X	X	BOTT
SMITH SD	5	77	32.8	76	15.0	66	7	30	478	503	X	X	BOTT
SMITH SD	6	77	32.8	76	39.5	66	7	30	295	318	X	X	BOTT
SMITH SD	7	78	25.0	72	58.0	66	7	30	239	238	X	X	BOTT
SMITH SD	8	78	25.0	73	34.5	66	7	31	460	465	X	X	BOTT
SMITH SD	9	78	22.5	73	59.5	66	7	31	544	583	X	X	BOTT
SMITH SD	91	78	50.0	73	46.0	66	8	18	377	400	X	X	BOTT
SMITH SD	10	78	18.0	74	52.0	66	7	31	374	525	X	X	BOTT
SMITH SD	92	78	22.0	74	.0	66	8	19	519	556	X	X	BOTT
NARES ST	89	79	45.8	71	.0	66	8	18	221	223	X	X	BOTT
NARES ST	90	79	28.8	73	14.0	66	8	18	255	263	X	X	BOTT
ECLIPSE	52	73	46.2	80	56.0	66	8	6	584	638	X	X	BOTT
ECLIPSE	51	73	54.0	81	4.5	66	8	6	638	656	X	X	BOTT
ECLIPSE	57	73	54.0	81	6.2	66	8	7	681	711	X	X	BOTT
ECLIPSE	58	73	46.5	81	4.0	66	8	7	475	508	X	X	BOTT
BAFFIN B	47	74	24.5	81	45.0	66	8	6	666	702	X	X	BOTT
BAFFIN B	48	74	16.0	81	31.0	66	8	6	765	793	X	X	BOTT
BAFFIN B	49	74	8.9	81	22.0	66	8	6	755	786	X	X	BOTT
BAFFIN B	50	74	2.0	81	8.0	66	8	6	710	748	X	X	BOTT
BAFFIN B	53	74	25.0	81	43.0	66	8	6	669	700	X	X	BOTT
BAFFIN B	54	74	16.0	81	36.0	66	8	6	513	784	X	X	BOTT
BAFFIN B	55	74	9.2	81	27.4	66	8	6	706	784	X	X	BOTT
BAFFIN B	56	74	1.9	81	8.5	66	8	7	691	757	X	X	BOTT
NARES ST	83	80	55.5	66	24.0	66	8	17	372	377	X	X	BOTT

NARES ST	84	80	37.3	67	51.0	66	8	17	330	364	X	X	BOTT
NARES ST	85	80	21.0	67	59.0	66	8	17	152	176	X	X	BOTT
NARES ST	86	80	17.0	68	35.0	66	8	17	332	356	X	X	BOTT
NARES ST	87	80	13.0	69	14.8	66	8	17	299	328	X	X	BOTT
NARES ST	88	80	13.0	69	52.0	66	8	17	300	328	X	X	BOTT
NARES ST	81	81	51.5	62	28.0	66	8	16	538	592	X	X	BOTT
NARES ST	82	81	20.9	64	6.0	66	8	16	406	492	X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 66-0007
YEAR:1966 VESSEL/AGENCY: BLUE

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	15	69	.0	59	30.0	66	10	9		1346	1417		X	X	BOTT		
DISKO IS	13	70	.0	55	51.0	66	10	8		100	112		X	X	BOTT		
BAFFIN B	14	70	36.0	60	.0	66	10	9		600	649		X	X	BOTT		
BAFFIN B	9	71	36.0	64	30.0	66	10	5		2200	2323		X	X	BOTT		
BAFFIN B	7	71	36.5	68	58.0	66	10	3		1693	1737		X	X	BOTT		
BAFFIN B	8	73	12.0	63	31.0	66	10	4		1600	1701		X	X	BOTT		
MELV BAY	6	75	15.0	60	8.0	66	10	2		425	471		X	X	BOTT		
MELV BAY	5	75	42.0	64	13.0	66	10	2		650	686		X	X	BOTT		
BAFFIN B	4	75	43.0	70	.0	66	10	1		400	539		X	X	BOTT		
BAFFIN B	3	75	36.0	77	30.0	66	9	30		334	366		X	X	BOTT		
SMITH SD	1	77	58.0	74	28.0	66	9	30		408	732		X	X	BOTT		
SMITH SD	2	77	6.0	76	13.0	66	9	30		317	400		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 66-0008
YEAR:1966 VESSEL/AGENCY: DANA

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	49	68	5.0	54	38.0	66	7	19	14	50	53		X	X	BOTT		
DISKO IS	50	68	19.0	54	44.0	66	7	20	21	380	407		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 67-0002
YEAR:1967 VESSEL/AGENCY: LABRADOR

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	9	75	41.3	79	50.0	67	8	20	23	300	356		X	X	BOTT		
SMITH SD	5	76	17.0	78	3.0	67	8	20	16	56			X	X	BOTT		
SMITH SD	6	76	17.2	78	6.0	67	8	20	17	56			X	X	BOTT		
SMITH SD	7	76	17.7	78	11.0	67	8	20	17	50			X	X	BOTT		
SMITH SD	8	76	18.2	78	22.0	67	8	20	18	50			X	X	BOTT		
SMITH SD	2	77	2.2	71	40.0	67	8	19	21	600	737		X	X	BOTT		
SMITH SD	3	77	.0	74	16.0	67	8	20	1	500	583		X	X	BOTT		
SMITH SD	4	77	.0	77	.0	67	8	20	12	150	173		X	X	BOTT		
JONES SD	10	76	6.0	85	20.0	67	8	21	4	600	786		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 67-0003
YEAR:1967 VESSEL/AGENCY: EDISTO

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	10	70	.0	56	.0	67	9	30		119	128		X	X	BOTT		
BAFFIN B	11	72	46.0	58	33.0	67	9	30		180	190		X	X	BOTT		
MELV BAY	13	74	30.0	59	30.0	67	10	1		300	532		X	X	BOTT		
BAFFIN B	29	70	29.0	60	3.5	67	10	8		296	695		X	X	BOTT		
BAFFIN B	27	71	31.5	64	58.0	67	10	7		300	2286		X	X	BOTT		
BAFFIN B	26	71	29.0	67	57.5	67	10	7		299	1920		X	X	BOTT		
BAFFIN B	25	71	30.0	69	26.0	67	10	6		317	842		X	X	BOTT		
BAFFIN B	28	72	45.5	64	.0	67	10	7		308	2195		X	X	BOTT		
BAFFIN B	12	73	40.0	60	.0	67	9	30		312	340		X	X	BOTT		
MELV BAY	14	74	30.5	64	1.0	67	10	1		300	616		X	X	BOTT		
MELV BAY	15	75	24.2	64	20.0	67	10	1		160	172		X	X	BOTT		
BAFFIN B	24	72	45.0	72	2.0	67	10	6		299	1068		X	X	BOTT		
BAFFIN B	23	72	45.5	73	30.0	67	10	6		272	805		X	X	BOTT		
BAFFIN B	21	73	21.0	73	9.0	67	10	6		270	914		X	X	BOTT		
BAFFIN B	22	73	25.0	74	45.0	67	10	6		276	940		X	X	BOTT		
BAFFIN B	20	74	29.0	70	4.0	67	10	5		284	1560		X	X	BOTT		
BAFFIN B	19	74	30.0	76	45.0	67	10	5		272	592		X	X	BOTT		
BAFFIN B	18	74	32.0	77	55.0	67	10	5		286	594		X	X	BOTT		
BAFFIN B	17	75	56.0	76	38.0	67	10	4		275	281		X	X	BOTT		
SMITH SD	16	78	.5	73	57.0	67	10	2		292	530		X	X	BOTT		
BAFFIN B	30	68	58.0	60	2.0	67	10	8		341	1635		X	X	BOTT		
BAFFIN B	31	68	37.0	64	59.0	67	10	8		125	144		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 67-0004
YEAR:1967 VESSEL/AGENCY: NOVOROSSIJSK

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	173	68	12.0	54	42.0	67	9	15	17	150			X	X	BOTT		
DISKO IS	174	68	8.0	54	32.0	67	9	15	19	110			X	X	BOTT		
DISKO IS	175	68	7.0	54	31.0	67	9	15	23	115			X	X	BOTT		
DISKO IS	176	68	11.0	54	38.0	67	9	16	1	145			X	X	BOTT		
DISKO IS	171	68	10.0	55	24.0	67	9	15	13	130			X	X	BOTT		
DISKO IS	172	68	12.0	55	6.0	67	9	15	16	80			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 68-0001
YEAR:1968 VESSEL/AGENCY: LABRADOR

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	10	72	46.4	76	38.7	68	8	22	7	500			X	X	BOTT		
ECLIPSE	11	72	42.6	78	30.4	68	8	22	19	500			X	X	BOTT		
SMITH SD	1	76	59.5	71	50.0	68	8	15	1	1004			X	X	BOTT		
SMITH SD	3	76	55.0	76	9.0	68	8	15	13	200			X	X	BOTT		
SMITH SD	4	76	17.5	77	56.0	68	8	15	23	270			X	X	BOTT		
SMITH SD	9	76	11.1	79	43.0	68	8	21	9	500			X	X	BOTT		
SMITH SD	2	77	.0	74	10.0	68	8	15	7	500			X	X	BOTT		
ECLIPSE	12	72	49.3	80	7.5	68	8	23	19	175			X	X	BOTT		

ECLIPSE	21	72	20.0	80	32.0	68	9	13	3	700		X	X BOTT
ECLIPSE	22	72	4.5	80	48.0	68	9	15	18	100		X	X BOTT
ECLIPSE	13	73	40.0	81	23.0	68	8	24	3	350		X	X BOTT
JONES SD	5	76	7.1	84	54.0	68	8	16	16	700		X	X BOTT
JONES SD	8	76	23.5	89	12.5	68	8	20	8	114		X	X BOTT

BOTTLE/CTD DATA SET NUMBER: 68-0003
YEAR:1968 VESSEL/AGENCY: W. HERWIG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
DISKO IS	165	68	.0	57	13.0	68	7	31	18	247	295		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 68-0004
YEAR:1968 VESSEL/AGENCY: EASTWIND

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
NARES ST	9	79	46.0	66	4.0	68	9	20	18	98	165		X	X	BOTT		
NARES ST	7	79	46.0	67	58.0	68	9	20	14	75	115		X	X	BOTT		
NARES ST	8	79	44.0	67	.0	68	9	20	16	89	100		X	X	BOTT		
NARES ST	10	79	18.0	67	41.0	68	9	20	22	174	190		X	X	BOTT		
NARES ST	11	79	14.0	67	59.0	68	9	20	23	198	225		X	X	BOTT		
NARES ST	6	79	45.0	69	3.0	68	9	20	12	92	104		X	X	BOTT		
NARES ST	12	79	15.0	69	1.0	68	9	21	1	285	311		X	X	BOTT		

SMITH SD	18	78	45.0	71	2.0	68	9	21	17	155	174		X	X	BOTT
SMITH SD	19	78	45.0	72	1.0	68	9	21	19	343	384		X	X	BOTT
SMITH SD	20	78	44.0	73	3.0	68	9	21	21	416	421		X	X	BOTT
SMITH SD	21	78	45.0	73	39.0	68	9	21	23	389	411		X	X	BOTT
SMITH SD	26	78	16.0	73	9.0	68	9	23	21	206	220		X	X	BOTT
SMITH SD	22	78	15.0	74	.0	68	9	22	14	296	658		X	X	BOTT
SMITH SD	24	78	16.0	74	12.0	68	9	23	14	501	570		X	X	BOTT
SMITH SD	25	78	12.0	74	56.0	68	9	23	17	426	603		X	X	BOTT
SMITH SD	27	78	.0	74	8.0	68	9	24	0	587	690		X	X	BOTT
SMITH SD	23	78	5.0	75	2.0	68	9	22	20	354	650		X	X	BOTT
NARES ST	4	79	44.0	70	57.0	68	9	20	8	249	256		X	X	BOTT
NARES ST	5	79	45.0	70	.0	68	9	20	10	140	150		X	X	BOTT
NARES ST	13	79	15.0	70	.0	68	9	21	3	183	201		X	X	BOTT
NARES ST	14	79	15.0	71	.0	68	9	21	5	210	229		X	X	BOTT
NARES ST	15	79	15.0	72	.0	68	9	21	7	192	210		X	X	BOTT
NARES ST	16	79	15.0	73	3.0	68	9	21	9	222	237		X	X	BOTT
NARES ST	17	79	14.0	73	51.0	68	9	21	12	90	109		X	X	BOTT
NARES ST	1	80	13.4	68	17.0	68	9	19	0	229	240		X	X	BOTT
NARES ST	2	80	15.0	68	59.0	68	9	20	2	306	320		X	X	BOTT
NARES ST	3	80	15.0	69	52.0	68	9	20	4	276	290		X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 68-0005
YEAR:1968 VESSEL/AGENCY: EASTWIND

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	20	68	35.0	59	53.0	68	8	3	22	837	1298		X	X	BOTT		
BAFFIN B	21	68	12.8	59	49.6	68	8	4	3	1100	1134		X	X	BOTT		
DISKO IS	6	69	47.8	50	29.5	68	7	28	2	329	365		X	X	BOTT		
DISKO IS	7	69	32.8	50	55.1	68	7	28	6	442	512		X	X	BOTT		
DISKO IS	8	69	11.0	51	25.7	68	7	29	19	327	335		X	X	BOTT		
DISKO IS	9	69	12.5	51	49.7	68	7	29	21	396	397		X	X	BOTT		

DISKO IS	10	69	12.0	52	11.5	68	7	29	23	406	410		X	X BOTT
DISKO IS	11	69	12.8	52	40.0	68	7	30	1	403	417		X	X BOTT
DISKO IS	12	69	12.0	53	15.0	68	7	30	3	385	413		X	X BOTT
DISKO IS	13	69	14.2	53	24.5	68	7	30	4	210	245		X	X BOTT
DISKO IS	14	69	14.0	54	16.2	68	8	2	21	249	265		X	X BOTT
DISKO IS	15	69	12.0	55	11.0	68	8	3	2	147	164		X	X BOTT
DISKO IS	16	69	9.5	56	7.0	68	8	3	5	158	163		X	X BOTT
DISKO IS	17	69	7.0	57	4.0	68	8	3	9	229	238		X	X BOTT
BAFFIN B	18	69	3.5	58	30.0	68	8	3	13	299	318		X	X BOTT
BAFFIN B	19	69	1.5	59	47.0	68	8	3	17	1487	1518		X	X BOTT
DISKO IS	3	70	22.0	50	46.0	68	7	23	22	814	823		X	X BOTT
DISKO IS	2	70	58.7	52	59.5	68	7	22	19	202	615		X	X BOTT
DISKO IS	4	70	41.2	52	17.5	68	7	24	21	605	625		X	X BOTT
DISKO IS	5	70	21.8	54	15.4	68	7	25	18	340	365		X	X BOTT
DISKO IS	1	71	29.0	53	20.0	68	7	21	15	480	511		X	X BOTT

BOTTLE/CTD DATA SET NUMBER: 68-0006
YEAR:1968 VESSEL/AGENCY: EASTWIND

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
BAFFIN B	25	68	33.5	58	49.0	68	10	6	0	264	311		X	X	BOTT		
BAFFIN B	33	68	41.5	64	55.5	68	10	10	13	100	137		X	X	BOTT		
DISKO IS	24	70	.0	56	.0	68	10	5	0	104	137		X	X	BOTT		
BAFFIN B	17	72	45.0	58	30.5	68	10	3	0	150	190		X	X	BOTT		
BAFFIN B	15	73	40.0	58	31.0	68	10	2	16	200	300		X	X	BOTT		
MELV BAY	14	74	30.6	58	17.1	68	10	2	10	211	402		X	X	BOTT		
MELV BAY	13	74	29.0	59	30.5	68	10	2	8	289	745		X	X	BOTT		
BAFFIN B	23	70	31.0	60	.0	68	10	4	15	290	677		X	X	BOTT		
BAFFIN B	22	71	30.0	65	.0	68	10	4	5	308	2332		X	X	BOTT		
BAFFIN B	21	71	31.0	68	.0	68	10	3	23	287	2000		X	X	BOTT		
BAFFIN B	20	71	30.0	69	30.0	68	10	3	20	317	795		X	X	BOTT		

BAFFIN B	18	72	46.0	60	.0	68	10	3	3	317	666		X	X BOTT
BAFFIN B	19	72	44.0	64	3.0	68	10	3	10	316	2200		X	X BOTT
BAFFIN B	16	73	40.0	60	.0	68	10	2	18	150	190		X	X BOTT
MELV BAY	12	74	28.0	64	3.0	68	10	2	1	292	759		X	X BOTT
MELV BAY	11	75	29.0	63	1.0	68	10	1	20	183	205		X	X BOTT
MELV BAY	10	75	25.0	64	12.0	68	10	1	17	140	155		X	X BOTT
BAFFIN B	8	72	44.0	72	6.0	68	9	30	21	300	1061		X	X BOTT
BAFFIN B	7	72	45.0	73	30.0	68	9	30	18	300	823		X	X BOTT
BAFFIN B	6	73	24.0	73	16.0	68	9	30	14	300	952		X	X BOTT
BAFFIN B	5	73	25.0	74	46.0	68	9	30	11	262	951		X	X BOTT
BAFFIN B	9	74	31.0	70	2.0	68	10	1	6	300	1646		X	X BOTT
BAFFIN B	4	74	30.5	76	40.0	68	9	30	4	300	603		X	X BOTT
BAFFIN B	3	74	29.0	78	.0	68	9	30	0	350	649		X	X BOTT
BAFFIN B	2	75	55.0	76	30.0	68	9	29	15	270	278		X	X BOTT
SMITH SD	1	78	.0	74	8.0	68	9	24	23	468	683		X	X BOTT

BOTTLE/CTD DATA SET NUMBER: 68-0007
YEAR:1968 VESSEL/AGENCY: WESTWIND

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
SMITH SD	28	76	.0	71	30.0	68	9	11	7	424	466		X	X	BOTT		
SMITH SD	29	76	7.5	71	27.0	68	9	11	9	500	559		X	X	BOTT		
SMITH SD	30	76	13.0	71	31.0	68	9	11	11	549	615		X	X	BOTT		
SMITH SD	31	76	22.0	71	30.0	68	9	11	13	599	686		X	X	BOTT		
SMITH SD	32	76	28.0	71	30.0	68	9	11	15	450	475		X	X	BOTT		
SMITH SD	33	76	33.0	71	34.0	68	9	11	18	475	480		X	X	BOTT		
SMITH SD	34	76	42.4	71	30.0	68	9	11	20	650	700		X	X	BOTT		
SMITH SD	35	76	43.0	71	40.0	68	9	11	23	844	914		X	X	BOTT		
SMITH SD	36	76	54.0	71	51.0	68	9	12	1	850	923		X	X	BOTT		
SMITH SD	67	76	6.5	71	27.5	68	9	19	17	447	495		X	X	BOTT		
SMITH SD	68	76	14.0	71	30.0	68	9	19	19	525	567		X	X	BOTT		

SMITH SD	69	76 15.0	71 30.0	68	9	19	21	649	692	X	X	BOTT
SMITH SD	70	76 24.2	71 31.8	68	9	19	23	529	527	X	X	BOTT
SMITH SD	71	76 30.0	71 32.0	68	9	20	1	450	495	X	X	BOTT
SMITH SD	72	76 36.3	71 30.6	68	9	20	4	450	500	X	X	BOTT
SMITH SD	73	76 47.2	71 30.0	68	9	20	7	650	695	X	X	BOTT
SMITH SD	74	76 46.2	71 40.0	68	9	20	9	849	906	X	X	BOTT
SMITH SD	75	76 55.0	71 30.0	68	9	20	11	900	975	X	X	BOTT
SMITH SD	76	76 52.0	71 53.0	68	9	20	13	800	889	X	X	BOTT
SMITH SD	8	76 48.0	72 28.0	68	9	9	7	250	265	X	X	BOTT
SMITH SD	9	76 52.0	72 .0	68	9	9	8	890	914	X	X	BOTT
SMITH SD	77	76 42.5	72 30.0	68	9	20	15	199	223	X	X	BOTT
SMITH SD	7	76 41.0	73 46.0	68	9	9	4	470	492	X	X	BOTT
SMITH SD	6	76 38.0	74 30.0	68	9	9	1	550	567	X	X	BOTT
SMITH SD	20	76 53.0	74 30.0	68	9	10	11	500	577	X	X	BOTT
SMITH SD	21	76 46.0	74 30.0	68	9	10	13	580	600	X	X	BOTT
SMITH SD	22	76 39.0	74 29.0	68	9	10	15	500	567	X	X	BOTT
SMITH SD	24	76 25.0	74 30.0	68	9	10	20	474	503	X	X	BOTT
SMITH SD	25	76 18.0	74 30.0	68	9	10	22	450	479	X	X	BOTT
SMITH SD	26	76 12.0	74 34.0	68	9	11	0	400	444	X	X	BOTT
SMITH SD	27	76 .0	74 28.5	68	9	11	3	375	406	X	X	BOTT
SMITH SD	58	76 54.7	74 32.0	68	9	15	0	485	516	X	X	BOTT
SMITH SD	59	76 39.0	74 30.0	68	9	15	2	450	585	X	X	BOTT
SMITH SD	78	76 40.6	74 .0	68	9	20	18	499	530	X	X	BOTT
SMITH SD	79	76 38.0	74 30.0	68	9	20	21	559	601	X	X	BOTT
SMITH SD	85	76 .0	74 30.0	68	9	21	13	354	406	X	X	BOTT
SMITH SD	4	76 37.0	75 30.2	68	9	8	22	350	393	X	X	BOTT
SMITH SD	5	76 38.0	75 .0	68	9	8	23	450	466	X	X	BOTT
SMITH SD	80	76 38.4	75 1.0	68	9	21	0	421	466	X	X	BOTT
SMITH SD	81	76 37.2	75 30.0	68	9	21	3	321	366	X	X	BOTT
SMITH SD	2	76 33.0	76 30.1	68	9	8	18	65	73	X	X	BOTT
SMITH SD	3	76 35.0	76 .0	68	9	8	20	300	311	X	X	BOTT
SMITH SD	82	76 35.3	76 .5	68	9	21	6	312	336	X	X	BOTT
SMITH SD	83	76 34.4	76 31.0	68	9	21	7	89	110	X	X	BOTT
SMITH SD	1	76 31.0	77 7.0	68	9	8	17	175	180	X	X	BOTT
SMITH SD	84	76 32.0	77 .0	68	9	21	9	193	207	X	X	BOTT
SMITH SD	10	77 55.5	71 27.0	68	9	9	10	880	997	X	X	BOTT
SMITH SD	11	77 8.1	72 .5	68	9	9	14	854	914	X	X	BOTT
SMITH SD	12	77 7.0	72 28.0	68	9	9	17	525	558	X	X	BOTT
SMITH SD	37	77 4.0	72 .0	68	9	12	3	1000	1061	X	X	BOTT

SMITH SD	38	77	7.0	72	30.0	68	9	12	5	500	576		X	X BOTT
SMITH SD	60	77	.0	72	.0	68	9	18	17	1000	1031		X	X BOTT
SMITH SD	61	77	8.0	72	8.0	68	9	18	19	949	985		X	X BOTT
SMITH SD	62	77	7.1	72	28.0	68	9	18	22	371	402		X	X BOTT
SMITH SD	13	77	7.0	73	.0	68	9	9	19	300	375		X	X BOTT
SMITH SD	14	77	7.0	73	28.0	68	9	9	21	433	440		X	X BOTT
SMITH SD	39	77	13.5	73	14.0	68	9	12	7	297	338		X	X BOTT
SMITH SD	40	77	17.5	73	48.0	68	9	12	10	287	373		X	X BOTT
SMITH SD	63	77	7.9	73	2.0	68	9	19	4	365	366		X	X BOTT
SMITH SD	64	77	7.8	73	28.3	68	9	19	5	423	466		X	X BOTT
SMITH SD	15	77	7.0	74	1.0	68	9	10	0	572	613		X	X BOTT
SMITH SD	16	77	6.8	74	38.5	68	9	10	2	674	675		X	X BOTT
SMITH SD	19	77	.0	74	32.0	68	9	10	9	544	594		X	X BOTT
SMITH SD	23	77	32.0	74	30.0	68	9	10	17	550	589		X	X BOTT
SMITH SD	41	77	25.0	74	18.0	68	9	12	12	545	604		X	X BOTT
SMITH SD	42	77	34.0	74	31.0	68	9	12	14	647	686		X	X BOTT
SMITH SD	43	77	42.5	74	39.5	68	9	12	17	616	658		X	X BOTT
SMITH SD	44	77	51.4	74	40.2	68	9	12	20	674	726		X	X BOTT
SMITH SD	54	77	58.0	74	34.0	68	9	14	13	671	732		X	X BOTT
SMITH SD	55	77	42.5	74	39.0	68	9	14	16	583	671		X	X BOTT
SMITH SD	56	77	24.5	74	28.0	68	9	14	18	684	750		X	X BOTT
SMITH SD	57	77	6.0	74	32.0	68	9	14	21	643	682		X	X BOTT
SMITH SD	65	77	7.6	74	2.8	68	9	19	7	570	627		X	X BOTT
SMITH SD	66	77	7.1	74	29.4	68	9	19	9	598	677		X	X BOTT
SMITH SD	17	77	7.2	75	.0	68	9	10	3	600	630		X	X BOTT
SMITH SD	18	77	7.0	75	28.0	68	9	10	6	549	585		X	X BOTT
SMITH SD	86	77	6.8	76	32.0	68	9	23	22	293	300		X	X BOTT
SMITH SD	49	78	.0	73	27.0	68	9	13	17	313	357		X	X BOTT
SMITH SD	50	78	20.0	73	20.0	68	9	13	19	48	375		X	X BOTT
SMITH SD	51	78	21.0	73	50.0	68	9	13	21	443	494		X	X BOTT
SMITH SD	47	78	1.6	74	29.0	68	9	13	12	652	717		X	X BOTT
SMITH SD	48	78	.0	74	.0	68	9	13	15	564	664		X	X BOTT
SMITH SD	52	78	21.3	74	13.0	68	9	13	22	408	457		X	X BOTT
SMITH SD	53	78	20.0	74	50.0	68	9	14	2	550	604		X	X BOTT
SMITH SD	45	78	1.0	75	30.0	68	9	13	0	553	609		X	X BOTT
SMITH SD	46	78	.0	75	.0	68	9	13	2	630	702		X	X BOTT

BOTTLE/CTD DATA SET NUMBER: 69-0004
YEAR:1969 VESSEL/AGENCY: WESTWIND

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
MELV BAY	1	74	44.0	64	5.0	69	9	21	10	250	320		X	X	BOTT		
MELV BAY	2	74	54.0	64	3.0	69	9	21	12	200	230		X	X	BOTT		
MELV BAY	15	74	51.5	65	41.0	69	9	22	10	400	410		X	X	BOTT		
MELV BAY	16	74	41.5	65	49.0	69	9	22	11	900	970		X	X	BOTT		
BAFFIN B	17	74	42.0	67	20.0	69	9	22	15	1000	1010		X	X	BOTT		
BAFFIN B	18	74	52.0	67	15.0	69	9	22	17	1000	1000		X	X	BOTT		
BAFFIN B	31	74	58.0	68	52.5	69	9	23	18	900	930		X	X	BOTT		
BAFFIN B	32	74	48.0	69	6.0	69	9	23	20	1000	1020		X	X	BOTT		
MELV BAY	3	75	4.9	64	4.0	69	9	21	14	100	120		X	X	BOTT		
MELV BAY	4	75	14.0	64	4.0	69	9	21	15	125	160		X	X	BOTT		
MELV BAY	5	75	24.0	64	7.0	69	9	21	17	125	150		X	X	BOTT		
MELV BAY	6	75	33.0	64	4.0	69	9	21	19	400	450		X	X	BOTT		
MELV BAY	7	75	44.0	64	4.0	69	9	21	20	600	610		X	X	BOTT		
MELV BAY	8	75	54.0	64	4.0	69	9	21	21	600	600		X	X	BOTT		
MELV BAY	9	75	53.0	65	15.0	69	9	21	23	600	650		X	X	BOTT		
MELV BAY	10	75	42.0	65	20.0	69	9	22	2	500	570		X	X	BOTT		
MELV BAY	11	75	32.0	65	24.0	69	9	22	3	125	140		X	X	BOTT		
MELV BAY	12	75	22.0	65	29.0	69	9	22	5	200	200		X	X	BOTT		
MELV BAY	13	75	11.0	65	34.0	69	9	22	6	250	250		X	X	BOTT		
MELV BAY	14	75	2.0	65	35.0	69	9	22	8	300	310		X	X	BOTT		
MELV BAY	22	75	31.2	65	51.0	69	9	23	2	300	350		X	X	BOTT		
MELV BAY	23	75	39.0	66	46.0	69	9	23	3	500	500		X	X	BOTT		
MELV BAY	24	75	49.5	66	45.2	69	9	23	5	150	190		X	X	BOTT		
BAFFIN B	19	75	2.0	67	6.0	69	9	22	19	500	510		X	X	BOTT		
BAFFIN B	20	75	11.0	67	5.0	69	9	22	21	400	440		X	X	BOTT		
BAFFIN B	21	75	22.0	67	2.0	69	9	23	0	300	390		X	X	BOTT		
BAFFIN B	25	75	48.4	67	24.0	69	9	23	9	50	60		X	X	BOTT		

BAFFIN B	26	75	45.3	67	44.0	69	9	23	10	200	210	X	X BOTT
BAFFIN B	27	75	36.0	67	56.8	69	9	23	12	250	260	X	X BOTT
BAFFIN B	89	75	35.6	67	58.0	69	10	2	15	250	290	X	X BOTT
BAFFIN B	90	75	45.2	67	44.3	69	10	2	16	200	220	X	X BOTT
BAFFIN B	28	75	27.0	68	12.0	69	9	23	13	300	310	X	X BOTT
BAFFIN B	29	75	17.0	68	24.0	69	9	23	15	400	440	X	X BOTT
BAFFIN B	30	75	7.0	68	35.0	69	9	23	16	600	620	X	X BOTT
BAFFIN B	39	75	51.0	68	50.0	69	9	24	10	300	320	X	X BOTT
BAFFIN B	83	75	50.0	68	50.0	69	10	1	20	300	310	X	X BOTT
BAFFIN B	87	75	17.0	68	24.0	69	10	2	11	400	470	X	X BOTT
BAFFIN B	88	75	26.0	68	11.0	69	10	2	14	250	300	X	X BOTT
BAFFIN B	36	75	25.0	69	48.0	69	9	24	4	500	550	X	X BOTT
BAFFIN B	37	75	35.5	69	28.0	69	9	24	6	400	490	X	X BOTT
BAFFIN B	38	75	42.8	69	12.0	69	9	24	9	300	360	X	X BOTT
BAFFIN B	82	75	48.0	69	43.0	69	10	1	18	400	450	X	X BOTT
BAFFIN B	84	75	42.5	69	8.5	69	10	2	6	400	450	X	X BOTT
BAFFIN B	85	75	32.8	69	28.5	69	10	2	8	400	470	X	X BOTT
BAFFIN B	86	75	25.0	69	48.0	69	10	2	9	500	540	X	X BOTT
SMITH SD	40	76	.3	68	30.0	69	9	24	12	75	100	X	X BOTT
SMITH SD	41	76	8.2	69	20.0	69	9	24	13	150	170	X	X BOTT
SMITH SD	42	76	.0	69	47.0	69	9	24	14	400	420	X	X BOTT
BAFFIN B	33	74	59.0	70	42.5	69	9	24	0	800	820	X	X BOTT
BAFFIN B	34	75	7.0	70	28.0	69	9	24	1	600	620	X	X BOTT
BAFFIN B	35	75	16.0	70	7.0	69	9	24	3	500	570	X	X BOTT
BAFFIN B	43	75	54.0	70	15.0	69	9	24	17	500	500	X	X BOTT
BAFFIN B	44	75	46.5	70	42.0	69	9	24	19	400	440	X	X BOTT
BAFFIN B	75	75	54.0	70	24.0	69	10	1	7	500	530	X	X BOTT
BAFFIN B	76	75	46.0	70	42.0	69	10	1	9	400	450	X	X BOTT
BAFFIN B	79	75	24.0	70	52.0	69	10	1	14	500	540	X	X BOTT
BAFFIN B	80	75	33.0	70	39.0	69	10	1	16	500	530	X	X BOTT
BAFFIN B	81	75	41.0	70	4.0	69	10	1	17	500	530	X	X BOTT
BAFFIN B	45	75	40.0	71	11.0	69	9	24	23	400	470	X	X BOTT
BAFFIN B	46	75	32.0	71	35.0	69	9	25	1	500	530	X	X BOTT
BAFFIN B	72	75	48.0	71	38.0	69	10	1	4	400	410	X	X BOTT
BAFFIN B	73	75	55.0	71	10.0	69	10	1	5	400	410	X	X BOTT
BAFFIN B	77	75	40.5	71	7.0	69	10	1	10	400	480	X	X BOTT
BAFFIN B	78	75	32.0	71	36.0	69	10	1	12	500	520	X	X BOTT
BAFFIN B	47	75	25.0	72	2.0	69	9	25	2	500	570	X	X BOTT
BAFFIN B	48	75	18.0	72	30.0	69	9	25	4	500	550	X	X BOTT

BAFFIN B	91	75	49.0	72	53.0	69	9	25	8	300	360	X	X	BOTT
BAFFIN B	67	75	58.0	72	31.0	69	9	30	21	300	340	X	X	BOTT
BAFFIN B	70	75	36.0	72	54.0	69	10	1	1	400	480	X	X	BOTT
BAFFIN B	71	75	42.0	72	22.0	69	10	1	3	400	410	X	X	BOTT
BAFFIN B	68	75	53.0	73	5.0	69	9	30	22	300	340	X	X	BOTT
BAFFIN B	69	75	48.0	73	40.0	69	10	1	0	300	350	X	X	BOTT
BAFFIN B	53	75	42.6	74	10.0	69	9	28	6	400	450	X	X	BOTT
SMITH SD	62	76	38.8	70	52.3	69	9	28	23	200	210	X	X	BOTT
SMITH SD	63	76	20.2	70	10.0	69	9	30	15	200	200	X	X	BOTT
SMITH SD	64	76	14.0	70	46.0	69	9	30	17	600	610	X	X	BOTT
SMITH SD	74	76	1.0	70	48.0	69	10	1	6	400	490	X	X	BOTT
SMITH SD	49	76	59.9	71	34.0	69	9	27	23	700	720	X	X	BOTT
SMITH SD	50	76	51.0	71	58.0	69	9	28	1	800	810	X	X	BOTT
SMITH SD	61	76	33.9	71	31.0	69	9	28	21	400	440	X	X	BOTT
SMITH SD	65	76	9.0	71	22.5	69	9	30	18	500	530	X	X	BOTT
SMITH SD	66	76	4.0	71	55.0	69	9	30	19	400	430	X	X	BOTT
SMITH SD	94	76	16.5	72	39.0	69	9	25	13	400	440	X	X	BOTT
SMITH SD	51	76	52.0	72	22.0	69	9	28	2	300	360	X	X	BOTT
SMITH SD	59	76	25.0	72	47.0	69	9	28	18	500	530	X	X	BOTT
SMITH SD	60	76	29.0	72	7.0	69	9	28	20	300	370	X	X	BOTT
SMITH SD	92	76	.0	73	30.0	69	9	25	10	300	340	X	X	BOTT
SMITH SD	93	76	7.5	73	15.0	69	9	25	11	300	340	X	X	BOTT
SMITH SD	52	76	45.0	73	27.0	69	9	28	4	150	160	X	X	BOTT
SMITH SD	58	76	21.0	73	24.0	69	9	28	17	500	550	X	X	BOTT
SMITH SD	54	76	40.8	74	49.0	69	9	28	8	500	470	X	X	BOTT
SMITH SD	56	76	12.0	74	36.0	69	9	28	14	250		X	X	BOTT
SMITH SD	57	76	17.0	74	2.0	69	9	28	16	400	420	X	X	BOTT
SMITH SD	55	76	37.2	75	36.0	69	9	28	10	400	430	X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 69-0005
YEAR:1969 VESSEL/AGENCY: KB2 ICE ISLAND

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
NARES ST	1	79	16.0	72	48.0	69	5	7	20	230	237		X	X	BOTT		
NARES ST	2	79	16.0	72	48.0	69	5	8	4	230	237		X	X	BOTT		
NARES ST	3	79	16.0	72	48.0	69	5	8	12	230	237		X	X	BOTT		
NARES ST	4	79	16.0	72	48.0	69	5	8	20	230	237		X	X	BOTT		
NARES ST	5	79	16.0	72	48.0	69	5	9	2	230	237		X	X	BOTT		
NARES ST	6	79	16.0	72	48.0	69	5	9	4	230	237		X	X	BOTT		
NARES ST	7	79	16.0	72	48.0	69	5	9	12	230	237		X	X	BOTT		
NARES ST	8	79	16.0	72	48.0	69	5	9	20	235	237		X	X	BOTT		
NARES ST	9	79	16.0	72	48.0	69	5	9	22	235	237		X	X	BOTT		
NARES ST	10	79	16.0	72	48.0	69	5	10	4	235	237		X	X	BOTT		
NARES ST	11	79	16.0	72	48.0	69	5	10	12	235	237		X	X	BOTT		
NARES ST	12	79	16.0	72	48.0	69	5	10	16	235	237		X	X	BOTT		
NARES ST	13	79	16.0	72	48.0	69	5	10	19	235	237		X	X	BOTT		
NARES ST	14	79	16.0	72	48.0	69	5	11	4	235	237		X	X	BOTT		
NARES ST	15	79	16.0	72	48.0	69	5	11	12	235	237		X	X	BOTT		
NARES ST	16	79	16.0	72	48.0	69	5	11	20	235	237		X	X	BOTT		
NARES ST	17	79	16.0	72	48.0	69	5	11	22	235	237		X	X	BOTT		
NARES ST	18	79	16.0	72	48.0	69	5	12	4	235	237		X	X	BOTT		
NARES ST	19	79	16.0	72	48.0	69	5	12	12	235	237		X	X	BOTT		
NARES ST	20	79	16.0	72	48.0	69	5	12	20	235	237		X	X	BOTT		
NARES ST	21	79	16.0	72	48.0	69	5	12	22	235	237		X	X	BOTT		
NARES ST	22	79	16.0	72	48.0	69	5	13	4	235	237		X	X	BOTT		
NARES ST	23	79	16.0	72	48.0	69	5	13	12	235	237		X	X	BOTT		
NARES ST	24	79	16.0	72	48.0	69	5	13	18	235	237		X	X	BOTT		
NARES ST	25	79	16.0	72	48.0	69	5	13	19	235	237		X	X	BOTT		
NARES ST	26	79	16.0	72	48.0	69	5	14	4	235	237		X	X	BOTT		
NARES ST	27	79	16.0	72	48.0	69	5	14	12	235	237		X	X	BOTT		

NARES ST	28	79	16.0	72	48.0	69	5	14	15	235	237	X	X BOTT
NARES ST	29	79	16.0	72	48.0	69	5	14	20	235	237	X	X BOTT
NARES ST	30	79	16.0	72	48.0	69	5	15	4	235	237	X	X BOTT
NARES ST	31	79	16.0	72	48.0	69	5	15	12	235	237	X	X BOTT
NARES ST	32	79	16.0	72	48.0	69	5	15	19	240	237	X	X BOTT
NARES ST	33	79	16.0	72	48.0	69	5	15	19	235	237	X	X BOTT
NARES ST	34	79	16.0	72	48.0	69	5	16	0	235	237	X	X BOTT
NARES ST	35	79	16.0	72	48.0	69	5	16	4	235	237	X	X BOTT
NARES ST	36	79	16.0	72	48.0	69	5	16	12	235	237	X	X BOTT
NARES ST	37	79	16.0	72	48.0	69	5	16	18	235	237	X	X BOTT
NARES ST	38	79	16.0	72	48.0	69	5	16	20	235	237	X	X BOTT
NARES ST	39	79	16.0	72	48.0	69	5	17	3	235	237	X	X BOTT
NARES ST	40	79	16.0	72	48.0	69	5	17	12	235	237	X	X BOTT
NARES ST	41	79	16.0	72	48.0	69	5	17	19	235	237	X	X BOTT
NARES ST	42	79	16.0	72	48.0	69	5	17	20	240	237	X	X BOTT
NARES ST	43	79	16.0	72	48.0	69	5	18	1	235	237	X	X BOTT
NARES ST	44	79	16.0	72	48.0	69	5	18	3	235	237	X	X BOTT
NARES ST	45	79	16.0	72	48.0	69	5	18	12	235	237	X	X BOTT
NARES ST	46	79	16.0	72	48.0	69	5	18	17	235	237	X	X BOTT
NARES ST	47	79	16.0	72	48.0	69	5	18	19	232	237	X	X BOTT
NARES ST	48	79	16.0	72	48.0	69	5	19	4	235	237	X	X BOTT
NARES ST	49	79	16.0	72	48.0	69	5	19	12	235	237	X	X BOTT
NARES ST	50	79	16.0	72	48.0	69	5	19	16	235	237	X	X BOTT
NARES ST	51	79	16.0	72	48.0	69	5	19	20	234	237	X	X BOTT
NARES ST	52	79	16.0	72	48.0	69	5	20	4	235	237	X	X BOTT
NARES ST	53	79	16.0	72	48.0	69	5	20	6	235	237	X	X BOTT
NARES ST	54	79	16.0	72	48.0	69	5	20	14	235	237	X	X BOTT

BOTTLE/CTD DATA SET NUMBER: 69-0006
YEAR:1969 VESSEL/AGENCY: SOUTHWIND

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
DISKO IS	14	72	55.4	55	27.2	69	8	23	14	961	980		X	X	BOTT	
DISKO IS	13	72	33.9	56	9.0	69	8	21	23	313	320		X	X	BOTT	
DISKO IS	16	72	45.0	57	.0	69	8	24	13	207	218		X	X	BOTT	
BAFFIN B	17	72	38.5	58	4.0	69	8	24	16	161	172		X	X	BOTT	
BAFFIN B	18	72	32.9	58	55.5	69	8	24	18	237	245		X	X	BOTT	
BAFFIN B	19	72	28.0	59	48.0	69	8	24	21	415	410		X	X	BOTT	
BAFFIN B	12	73	35.5	55	57.0	69	8	21	20	792	816		X	X	BOTT	
MELV BAY	10	74	50.0	57	22.0	69	8	20	14	327	366		X	X	BOTT	
MELV BAY	11	74	50.0	57	22.0	69	8	20	22	934			X	X	BOTT	
MELV BAY	33	74	29.8	57	47.0	69	8	26	22	831	850		X	X	BOTT	
MELV BAY	32	74	29.0	58	47.0	69	8	26	19	319	342		X	X	BOTT	
MELV BAY	31	74	18.0	59	55.0	69	8	26	17	721	732		X	X	BOTT	
MELV BAY	9	75	11.0	58	53.0	69	8	19	18	210	274		X	X	BOTT	
MELV BAY	5	75	41.0	59	8.0	69	8	18	15	354	371		X	X	BOTT	
MELV BAY	6	75	39.0	59	14.0	69	8	18	18	175	172		X	X	BOTT	
MELV BAY	7	75	36.0	59	45.0	69	8	18	23	548	630		X	X	BOTT	
MELV BAY	8	75	10.8	59	10.5	69	8	19	16	777	795		X	X	BOTT	
BAFFIN B	20	72	23.0	60	45.0	69	8	24	23	602	610		X	X	BOTT	
BAFFIN B	15	72	17.0	61	46.5	69	8	24	2	1635	1836		X	X	BOTT	
BAFFIN B	21	72	11.0	62	45.0	69	8	25	5	2120	2110		X	X	BOTT	
BAFFIN B	22	72	5.0	63	30.0	69	8	25	9	2193	2200		X	X	BOTT	
BAFFIN B	23	72	31.5	63	59.5	69	8	25	14	2175	2220		X	X	BOTT	
BAFFIN B	24	72	57.0	64	28.5	69	8	25	19	2078	2100		X	X	BOTT	
BAFFIN B	25	73	24.5	64	58.0	69	8	25	23	2162	2185		X	X	BOTT	
BAFFIN B	27	73	55.5	64	15.0	69	8	26	8	825	850		X	X	BOTT	
BAFFIN B	26	73	48.7	65	29.5	69	8	26	4	2165	2195		X	X	BOTT	
MELV BAY	30	74	14.0	61	1.0	69	8	26	15	633	642		X	X	BOTT	

MELV BAY	29	74	7.5	62	8.0	69	8	26	12	596	625		X	X	BOTT
MELV BAY	28	74	3.0	63	10.0	69	8	26	10	678	723		X	X	BOTT
MELV BAY	3	75	53.6	60	19.5	69	8	15	18	376	393		X	X	BOTT
MELV BAY	4	75	50.0	60	37.5	69	8	15	21	682	703		X	X	BOTT
MELV BAY	34	75	57.0	60	47.0	69	8	27	14	155	164		X	X	BOTT
MELV BAY	35	75	45.0	61	2.0	69	8	27	19	429			X	X	BOTT
MELV BAY	36	76	5.0	61	50.0	69	8	28	15	500	512		X	X	BOTT
MELV BAY	1	76	14.2	62	59.3	69	8	14	16	401	413		X	X	BOTT
MELV BAY	2	76	5.0	63	10.0	69	8	14	22	457	465		X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 69-0007
YEAR:1969 VESSEL/AGENCY: WESTWIND

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
BAFFIN B	23	68	40.0	65	1.0	69	10	10	1	100	120		X	X	BOTT		
BAFFIN B	24	69	.0	60	2.0	69	10	10	10	235	1470		X	X	BOTT		
DISKO IS	26	70	.0	56	.0	69	10	11	2	47	136		X	X	BOTT		
BAFFIN B	13	72	46.0	58	32.0	69	10	7	8	150	182		X	X	BOTT		
BAFFIN B	14	72	44.5	59	59.0	69	10	7	11	250	668		X	X	BOTT		
BAFFIN B	12	73	40.5	58	30.0	69	10	7	3	239	356		X	X	BOTT		
BAFFIN B	11	73	41.0	59	58.0	69	10	7	0	250	310		X	X	BOTT		
MELV BAY	10	74	30.0	58	15.0	69	10	6	19	198	220		X	X	BOTT		
MELV BAY	9	74	32.0	59	25.5	69	10	6	16	240	732		X	X	BOTT		
BAFFIN B	25	70	30.0	60	6.0	69	10	10	18	240	677		X	X	BOTT		
BAFFIN B	22	71	24.0	65	6.0	69	10	9	12	245	2268		X	X	BOTT		
BAFFIN B	21	71	30.0	68	.0	69	10	9	3	239	1820		X	X	BOTT		
BAFFIN B	20	71	30.0	69	32.5	69	10	8	23	250	787		X	X	BOTT		
BAFFIN B	15	72	45.0	64	.0	69	10	7	16	247	2195		X	X	BOTT		
MELV BAY	6	74	30.0	64	.0	69	10	6	3	250	558		X	X	BOTT		
MELV BAY	8	75	25.6	62	58.0	69	10	6	10	199	210		X	X	BOTT		
MELV BAY	7	75	25.0	64	15.0	69	10	6	8	150	160		X	X	BOTT		

BAFFIN B	19	72	45.0	72	.0	69	10	8	15	250	1076		X	X BOTT
BAFFIN B	18	72	44.9	73	29.5	69	10	8	13	248	823		X	X BOTT
BAFFIN B	16	73	25.0	73	20.0	69	10	8	6	214	896		X	X BOTT
BAFFIN B	17	73	24.0	74	46.0	69	10	8	8	245	952		X	X BOTT
BAFFIN B	5	74	30.0	70	.0	69	10	5	19	246	1463		X	X BOTT
BAFFIN B	4	74	29.5	76	46.0	69	10	5	11	250	620		X	X BOTT
BAFFIN B	3	74	29.0	77	56.0	69	10	5	8	250	589		X	X BOTT
BAFFIN B	2	75	56.0	76	28.0	69	10	4	21	250	336		X	X BOTT
SMITH SD	1	78	.0	74	.0	69	10	4	4	250	448		X	X BOTT

BOTTLE/CTD DATA SET NUMBER: 69-0008
YEAR:1969 VESSEL/AGENCY: SOUTHWIND

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
NARES ST	4	79	45.0	66	8.0	69	9	8	4	154	158		X	X	BOTT		
NARES ST	5	79	45.5	67	58.0	69	9	8	13	90	96		X	X	BOTT		
NARES ST	9	79	14.2	68	7.0	69	9	10	8	302	285		X	X	BOTT		
NARES ST	10	79	15.0	68	59.0	69	9	10	11	308	345		X	X	BOTT		
NARES ST	6	79	44.0	69	4.0	69	9	8	15	100	136		X	X	BOTT		
SMITH SD	16	78	45.0	71	1.0	69	9	12	0	128	151		X	X	BOTT		
SMITH SD	17	78	44.4	72	.0	69	9	12	2	352	382		X	X	BOTT		
SMITH SD	18	78	43.9	72	58.0	69	9	12	8	251	263		X	X	BOTT		
SMITH SD	19	78	13.0	74	49.0	69	9	12	23	422	620		X	X	BOTT		
NARES ST	7	79	41.0	70	19.0	69	9	8	19	152	174		X	X	BOTT		
NARES ST	11	79	14.2	70	7.0	69	9	10	13	252	272		X	X	BOTT		
NARES ST	8	79	43.0	71	8.0	69	9	8	22	251	175		X	X	BOTT		
NARES ST	12	79	15.0	71	3.0	69	9	10	17	177	199		X	X	BOTT		
NARES ST	13	79	16.2	72	.0	69	9	10	20	153	183		X	X	BOTT		
NARES ST	14	79	17.0	72	39.0	69	9	10	21	205	222		X	X	BOTT		
NARES ST	15	79	15.0	73	48.0	69	9	11	3	203	238		X	X	BOTT		
NARES ST	1	80	15.0	68	.0	69	9	6	23	201	225		X	X	BOTT		

NARES ST	2	80	15.0	68	52.0	69	9	7	5	341	351		X	X BOTT
NARES ST	3	80	12.5	69	38.0	69	9	7	11	300	326		X	X BOTT

BOTTLE/CTD DATA SET NUMBER: 69-0011
YEAR:1969 VESSEL/AGENCY: DAN.RES. VESSELS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	48	68	23.0	55	19.0	69	6	16	24	425	435		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 69-0012
YEAR:1969 VESSEL/AGENCY: A.T. CAMERON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	16	69	9.0	52	35.0	69	9	22	10	50	252		X	X	BOTT		
DISKO IS	17	69	9.0	52	30.0	69	9	22	22	50	310		X	X	BOTT		
DISKO IS	18	69	8.0	52	30.0	69	9	23	10	50	374		X	X	BOTT		
DISKO IS	19	69	8.5	52	23.0	69	9	23	21	50	292		X	X	BOTT		
DISKO IS	20	69	7.2	52	36.0	69	9	24	10	50	384		X	X	BOTT		
DISKO IS	21	69	9.0	52	25.0	69	9	24	21	50	365		X	X	BOTT		
DISKO IS	22	69	9.5	52	32.2	69	9	25	10	50	384		X	X	BOTT		
DISKO IS	23	69	11.5	52	30.0	69	9	25	21	50	420		X	X	BOTT		
DISKO IS	24	69	9.0	52	25.0	69	9	26	10	50	411		X	X	BOTT		
DISKO IS	25	69	8.5	52	16.5	69	9	26	19	50	429		X	X	BOTT		
DISKO IS	26	69	7.5	52	33.0	69	9	27	10	50	365		X	X	BOTT		
DISKO IS	27	69	7.0	52	29.0	69	9	27	17	50	411		X	X	BOTT		
DISKO IS	28	69	10.0	52	24.0	69	9	29	10	50	393		X	X	BOTT		
DISKO IS	29	69	14.5	52	14.0	69	9	29	20	50	380		X	X	BOTT		
DISKO IS	30	69	8.0	52	26.0	69	9	30	10	50	292		X	X	BOTT		
DISKO IS	31	69	11.0	52	36.0	69	9	30	16	50	402		X	X	BOTT		
DISKO IS	32	69	8.0	52	33.0	69	10	1	10	50	278		X	X	BOTT		
DISKO IS	33	69	6.5	52	29.0	69	10	1	21	50	420		X	X	BOTT		
DISKO IS	34	69	8.0	52	29.0	69	10	2	10	50	292		X	X	BOTT		
DISKO IS	35	69	6.5	52	37.0	69	10	2	15	50	374		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 69-0013
YEAR:1969 VESSEL/AGENCY: WESTWIND

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
SMITH SD	1	78	18.9	73	5.0	69	7	28	20	168	183		X	X	BOTT		
SMITH SD	2	78	22.4	73	27.0	69	7	28	22	349	439		X	X	BOTT		
SMITH SD	3	78	26.5	73	53.9	69	7	29	1	406	466		X	X	BOTT		
SMITH SD	7	78	19.8	73	5.5	69	7	29	11	188	201		X	X	BOTT		
SMITH SD	8	78	21.9	73	27.0	69	7	29	12	401	476		X	X	BOTT		
SMITH SD	9	78	27.9	73	44.0	69	7	29	15	508	540		X	X	BOTT		
SMITH SD	13	78	19.0	73	5.5	69	7	30	1	191	211		X	X	BOTT		
SMITH SD	14	78	23.6	73	28.7	69	7	30	3	442	474		X	X	BOTT		
SMITH SD	15	78	27.5	73	40.7	69	7	30	6	585	585		X	X	BOTT		
SMITH SD	4	78	31.4	74	.5	69	7	29	3	353	354		X	X	BOTT		
SMITH SD	5	78	33.2	74	21.8	69	7	29	5	355	384		X	X	BOTT		
SMITH SD	6	78	35.2	74	34.3	69	7	29	7	287	301		X	X	BOTT		
SMITH SD	10	78	30.5	74	2.0	69	7	29	18	447	494		X	X	BOTT		
SMITH SD	11	78	32.3	74	24.0	69	7	29	19	342	372		X	X	BOTT		
SMITH SD	12	78	35.5	74	34.0	69	7	29	21	218	274		X	X	BOTT		
SMITH SD	16	78	30.4	74	2.0	69	7	30	7	287	430		X	X	BOTT		
SMITH SD	17	78	33.8	74	20.0	69	7	30	9	307	315		X	X	BOTT		
SMITH SD	18	78	34.3	74	37.3	69	7	30	11	298	300		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 70-0002
YEAR:1970 VESSEL/AGENCY: HUDSON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
BAFFIN B	291	74	1.0	79	56.0	70	10	1	20	782	805		X	X	BOTT	
BAFFIN B	297	69	.0	59	39.5	70	10	9		397	874		X	X	BOTT	
BAFFIN B	296	71	.9	59	48.8	70	10	8		400	418		X	X	BOTT	
BAFFIN B	293	71	2.0	64	54.0	70	10	5		201	2120		X	X	BOTT	
BAFFIN B	294	72	17.5	66	2.0	70	10	6		201	2337		X	X	BOTT	
BAFFIN B	295	72	16.0	67	40.0	70	10	7		391	2318		X	X	BOTT	
BAFFIN B	292	72	13.0	69	50.0	70	10	4		200	1801		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 70-0006A
YEAR:1970 VESSEL/AGENCY: WESTWIND

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
BAFFIN B	17	74	51.0	69	4.0	70	7	26	10	429	1372		X	X	BOTT*	
MELV BAY	22	75	45.7	66	46.0	70	7	26	21	45	123		X	X	BOTT	
BAFFIN B	20	75	29.4	67	39.0	70	7	26	18	295	430		X	X	BOTT	
BAFFIN B	21	75	43.0	67	11.0	70	7	26	19	294	466		X	X	BOTT	
BAFFIN B	18	75	4.0	68	37.0	70	7	26	12	492	750		X	X	BOTT	
BAFFIN B	19	75	15.0	68	8.0	70	7	26	15	395	493		X	X	BOTT	
BAFFIN B	23	75	46.0	68	29.0	70	7	27	5	194	285		X	X	BOTT	
BAFFIN B	24	75	32.0	69	5.0	70	7	27	8	485	538		X	X	BOTT	

*A Bisset-Berman 9060 CTD was also used. See Appendix 1 and 70-0006B.

BAFFIN B	25	75	23.0	69	46.0	70	7	27	10	483	635	X	X BOTT
BAFFIN B	27	75	56.4	69	34.0	70	7	27	16	395	457	X	X BOTT
SMITH SD	28	76	4.3	69	.0	70	7	27	18	45	146	X	X BOTT
SMITH SD	29	76	12.0	69	47.0	70	7	27	20	95	207	X	X BOTT
BAFFIN B	12	73	56.0	74	50.0	70	7	25	20	531	878	X	X BOTT
BAFFIN B	11	73	46.0	75	31.0	70	7	25	18	794	914	X	X BOTT
BAFFIN B	10	73	41.0	76	12.0	70	7	25	15	690	914	X	X BOTT
ECLIPSE	8	73	38.5	77	35.0	70	7	25	11	657	1079	X	X BOTT
ECLIPSE	9	73	30.0	77	.0	70	7	25	13	649	1024	X	X BOTT
ECLIPSE	67	73	56.0	77	53.0	70	8	5	19	469	869	X	X BOTT
ECLIPSE	7	73	43.5	78	14.6	70	7	25	7	645	1006	X	X BOTT
ECLIPSE	4	73	55.5	79	59.6	70	7	25	1	341	815	X	X BOTT
ECLIPSE	6	73	43.7	79	4.8	70	7	25	5	483	860	X	X BOTT
BAFFIN B	16	74	36.0	70	50.0	70	7	26	5	495	1372	X	X BOTT
BAFFIN B	15	74	20.0	72	18.0	70	7	26	2	775	988	X	X BOTT
BAFFIN B	14	74	11.0	73	17.0	70	7	26	0	377	786	X	X BOTT
BAFFIN B	13	74	4.0	74	5.0	70	7	25	22	510	786	X	X BOTT
BAFFIN B	72	74	57.0	75	17.0	70	8	6	5	286	420	X	X BOTT
BAFFIN B	70	74	37.0	76	48.0	70	8	6	1	400	503	X	X BOTT
BAFFIN B	71	74	48.0	76	6.5	70	8	6	3	300	421	X	X BOTT
BAFFIN B	62	74	54.0	77	43.0	70	8	5	9	200	280	X	X BOTT
BAFFIN B	68	74	9.9	77	31.8	70	8	5	21	492	786	X	X BOTT
BAFFIN B	69	74	24.0	77	8.0	70	8	5	23	498	650	X	X BOTT
BAFFIN B	63	74	44.7	78	35.8	70	8	5	10	298	420	X	X BOTT
BAFFIN B	64	74	30.5	78	39.0	70	8	5	12	392	560	X	X BOTT
BAFFIN B	65	74	15.0	78	50.0	70	8	5	14	479	878	X	X BOTT
BAFFIN B	1	74	30.6	79	58.9	70	7	24	18	532	658	X	X BOTT
BAFFIN B	66	74	3.0	79	7.0	70	8	5	17	695	823	X	X BOTT
BAFFIN B	26	75	46.0	70	26.0	70	7	27	13	481	530	X	X BOTT
BAFFIN B	56	75	57.3	71	33.0	70	8	4	19	293	412	X	X BOTT
BAFFIN B	74	75	29.0	71	50.0	70	8	6	12	388	603	X	X BOTT
BAFFIN B	75	75	36.5	71	2.0	70	8	6	14	326	518	X	X BOTT
BAFFIN B	57	75	50.0	72	25.0	70	8	4	21	293	384	X	X BOTT
BAFFIN B	58	75	38.5	73	43.0	70	8	4	23	297	402	X	X BOTT
BAFFIN B	73	75	13.8	73	38.0	70	8	6	9	513	713	X	X BOTT
BAFFIN B	50	75	58.5	74	40.0	70	8	2	5	283	384	X	X BOTT
BAFFIN B	59	75	26.8	74	56.5	70	8	5	2	396	457	X	X BOTT
BAFFIN B	49	75	51.7	75	40.4	70	8	2	3	280	393	X	X BOTT
BAFFIN B	48	75	43.0	76	21.0	70	8	2	1	245	320	X	X BOTT

BAFFIN B	60	75	13.0	76	15.0	70	8	5	4	299	360	X	X BOTT
BAFFIN B	61	75	4.0	76	59.0	70	8	5	7	191	311	X	X BOTT
BAFFIN B	46	75	24.0	77	56.0	70	8	1	22	287	448	X	X BOTT
BAFFIN B	47	75	35.0	77	14.0	70	8	2	0	290	366	X	X BOTT
BAFFIN B	45	75	12.0	78	48.0	70	8	1	18	487	603	X	X BOTT
BAFFIN B	43	75	43.0	79	46.0	70	8	1	14	490	550	X	X BOTT
BAFFIN B	44	75	38.0	79	45.5	70	8	1	15	480	549	X	X BOTT
SMITH SD	54	76	28.0	70	59.0	70	8	2	13	94	292	X	X BOTT
SMITH SD	55	76	5.0	70	42.0	70	8	4	17	389	549	X	X BOTT
SMITH SD	35	76	54.0	71	31.0	70	7	31	14	484	1004	X	X BOTT
SMITH SD	36	76	48.3	72	11.0	70	7	31	16	376	466	X	X BOTT
SMITH SD	52	76	14.5	72	47.0	70	8	2	9	383	494	X	X BOTT
SMITH SD	53	76	21.0	72	.0	70	8	2	11	493	567	X	X BOTT
SMITH SD	37	76	41.0	73	38.0	70	7	31	20	390	549	X	X BOTT
SMITH SD	51	76	7.5	73	45.0	70	8	2	7	264	420	X	X BOTT
SMITH SD	38	76	46.0	74	35.0	70	7	31	22	487	585	X	X BOTT
SMITH SD	39	76	35.0	75	43.5	70	8	1	1	189	284	X	X BOTT
SMITH SD	40	76	32.5	76	41.5	70	8	1	2	95	185	X	X BOTT
SMITH SD	41	76	27.5	77	52.0	70	8	1	4	177	320	X	X BOTT
SMITH SD	42	76	11.5	79	7.5	70	8	1	8	69	110	X	X BOTT
SMITH SD	34	77	24.0	74	8.0	70	7	31	10	295	315	X	X BOTT
SMITH SD	33	77	24.0	75	19.0	70	7	31	7	389	625	X	X BOTT
SMITH SD	30	78	24.0	73	23.0	70	7	30	19	354	439	X	X BOTT
SMITH SD	31	78	26.5	74	10.0	70	7	30	22	230	556	X	X BOTT
SMITH SD	32	78	31.3	74	22.0	70	7	31	0	250	357	X	X BOTT
ECLIPSE	5	73	45.0	80	.0	70	7	25	3	690	823	X	X BOTT
BAFFIN B	3	74	7.8	80	.0	70	7	24	22	690	805	X	X BOTT

BOTTLE/CTD DATA SET NUMBER: 70-0011
YEAR:1970 VESSEL/AGENCY: SOUTHWIND

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	19	68	42.0	65	4.0	70	10	19	16	147	183		X	X	BOTT		
BAFFIN B	20	70	30.0	59	55.0	70	10	20	15	243	658		X	X	BOTT		
BAFFIN B	29	72	45.0	58	35.0	70	10	23	10	150	174		X	X	BOTT		
BAFFIN B	30	73	40.0	58	30.0	70	10	23	15	250	338		X	X	BOTT		
MELV BAY	32	74	31.0	58	13.0	70	10	23	22	150	192		X	X	BOTT		
MELV BAY	33	74	31.0	59	36.0	70	10	24	1	243	713		X	X	BOTT		
BAFFIN B	21	71	3.0	65	3.0	70	10	21	1	240	2286		X	X	BOTT		
BAFFIN B	22	71	29.0	68	.0	70	10	21	6	238	1920		X	X	BOTT		
BAFFIN B	23	71	30.0	69	30.0	70	10	21	9	235	895		X	X	BOTT		
BAFFIN B	28	72	41.0	60	.0	70	10	23	7	250	604		X	X	BOTT		
BAFFIN B	27	72	45.0	64	1.0	70	10	23	0	250	1920		X	X	BOTT		
BAFFIN B	31	73	40.0	60	.0	70	10	23	17	250	329		X	X	BOTT		
MELV BAY	34	74	31.0	64	2.0	70	10	24	7	250	512		X	X	BOTT		
MELV BAY	35	75	26.0	63	.0	70	10	24	12	200	219		X	X	BOTT		
MELV BAY	36	75	25.0	64	20.0	70	10	24	14	140	150		X	X	BOTT		
BAFFIN B	24	72	44.0	71	59.0	70	10	21	18	189	1024		X	X	BOTT		
BAFFIN B	25	73	23.0	73	18.0	70	10	22	3	228	887		X	X	BOTT		
BAFFIN B	26	73	23.0	74	38.0	70	10	22	7	250	927		X	X	BOTT		
BAFFIN B	37	74	30.0	70	3.0	70	10	25	0	250	1463		X	X	BOTT		
BAFFIN B	38	74	31.0	76	45.0	70	10	25	11	249	572		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 70-0015
YEAR: 1970 VESSEL: WESTWIND

AREA	STN	LAT DEG	LAT MIN	LONG DEG	LONG MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INST
SMITH SD	25	77	33.1	66	46.5	70	8	23	22	397	448		X	X	BOTT
SMITH SD	26	77	36.2	66	34.2	70	8	24	0	471	512		X	X	BOTT
SMITH SD	27	77	42.0	66	25.0	70	8	24	4	253	274		X	X	BOTT
SMITH SD	28	77	25.0	66	40.0	70	8	24	7	181	201		X	X	BOTT
SMITH SD	29	77	23.0	66	32.0	70	8	24	9	324	338		X	X	BOTT
SMITH SD	30	77	18.8	66	26.0	70	8	24	11	312	329		X	X	BOTT
SMITH SD	31	77	16.0	66	8.0	70	8	24	13	202	229		X	X	BOTT
SMITH SD	20	77	29.5	68	33.5	70	8	23	6	480	933		X	X	BOTT
SMITH SD	21	77	29.0	68	30.0	70	8	23	8	600	730		X	X	BOTT
SMITH SD	22	77	32.0	68	30.0	70	8	23	12	493	512		X	X	BOTT
SMITH SD	23	77	38.2	68	38.0	70	8	23	15	275	293		X	X	BOTT
SMITH SD	24	77	41.5	68	40.0	70	8	23	17	180	201		X	X	BOTT
NARES ST	7	79	52.0	64	50.0	70	8	17	15	87	100		X	X	BOTT
NARES ST	1	79	20.0	65	39.0	70	8	16	0	87	91		X	X	BOTT
NARES ST	2	79	26.0	65	22.0	70	8	16	3	125	210		X	X	BOTT
NARES ST	3	79	32.0	65	4.0	70	8	16	17	209	226		X	X	BOTT
NARES ST	4	79	41.0	65	8.0	70	8	16	21	274	293		X	X	BOTT
NARES ST	5	79	48.9	65	13.0	70	8	17	1	242	256		X	X	BOTT
NARES ST	6	79	50.0	65	20.0	70	8	17	4	122	139		X	X	BOTT
SMITH SD	17	77	51.0	71	39.0	70	8	22	11	127	146		X	X	BOTT
SMITH SD	18	77	52.5	71	27.0	70	8	22	15	186	201		X	X	BOTT
SMITH SD	19	77	54.0	71	18.0	70	8	22	19	185	206		X	X	BOTT
NARES ST	8	80	39.0	67	12.0	70	8	18	13	315	356		X	X	BOTT
NARES ST	15	80	39.0	67	12.0	70	8	20	16	384	430		X	X	BOTT
NARES ST	16	80	16.5	68	52.0	70	8	20	21	325	330		X	X	BOTT
NARES ST	9	81	15.0	62	33.0	70	8	19	18	404	420		X	X	BOTT
NARES ST	10	81	15.5	63	16.0	70	8	19	21	288	338		X	X	BOTT
NARES ST	11	81	17.1	63	49.0	70	8	20	0	438	475		X	X	BOTT
NARES ST	12	81	18.6	64	11.0	70	8	20	1	364	411		X	X	BOTT
NARES ST	13	81	19.0	64	39.0	70	8	20	3	398	430		X	X	BOTT
NARES ST	14	81	1.0	66	.0	70	8	20	7	348	365		X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 70-0013
YEAR:1970 VESSEL/AGENCY: WESTWIND

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
SMITH SD	1	78	26.2	73	9.0	70	9	3	12	265	284		X	X	BOTT		
SMITH SD	2	78	28.0	73	27.5	70	9	3	14	453	476		X	X	BOTT		
SMITH SD	3	78	29.0	73	45.0	70	9	3	16	505	567		X	X	BOTT		
SMITH SD	7	78	26.0	73	4.0	70	9	4	3	224	274		X	X	BOTT		
SMITH SD	8	78	27.5	73	32.0	70	9	4	5	510	521		X	X	BOTT		
SMITH SD	9	78	29.9	73	44.0	70	9	4	7	457	475		X	X	BOTT		
SMITH SD	13	78	23.0	73	6.0	70	9	4	20	280	274		X	X	BOTT		
SMITH SD	14	78	28.0	73	28.0	70	9	4	21	433	503		X	X	BOTT		
SMITH SD	15	78	29.3	73	46.0	70	9	4	22	488	530		X	X	BOTT		
SMITH SD	19	78	55.0	73	10.0	70	9	5	7	302	320		X	X	BOTT		
SMITH SD	4	78	30.8	74	3.0	70	9	3	20	402	420		X	X	BOTT		
SMITH SD	5	78	32.0	74	22.0	70	9	3	22	298	310		X	X	BOTT		
SMITH SD	6	78	33.0	74	38.5	70	9	4	0	178	201		X	X	BOTT		
SMITH SD	10	78	29.2	74	10.0	70	9	4	9	302	503		X	X	BOTT		
SMITH SD	11	78	32.0	74	24.0	70	9	4	15	75	329		X	X	BOTT		
SMITH SD	12	78	36.0	74	41.5	70	9	4	16	190	210		X	X	BOTT		
SMITH SD	16	78	30.3	74	6.0	70	9	5	0	403	430		X	X	BOTT		
SMITH SD	17	78	32.0	74	23.0	70	9	5	1	319	347		X	X	BOTT		
SMITH SD	18	78	33.2	74	35.0	70	9	5	2	275	296		X	X	BOTT		
NARES ST	21	79	40.2	71	17.5	70	9	5	17	220	238		X	X	BOTT		
NARES ST	20	79	19.2	72	23.8	70	9	5	13	200	228		X	X	BOTT		
NARES ST	25	80	11.0	67	59.0	70	9	6	1	100	128		X	X	BOTT		
NARES ST	24	80	11.0	68	42.0	70	9	6	0	325	347		X	X	BOTT		
NARES ST	26	80	30.0	68	15.0	70	9	6	3	343	384		X	X	BOTT		
NARES ST	22	80	11.0	69	42.0	70	9	5	21	280	293		X	X	BOTT		
NARES ST	23	80	11.0	69	10.0	70	9	5	23	300	311		X	X	BOTT		
NARES ST	29	81	29.0	61	29.0	70	9	6	19	404	439		X	X	BOTT		

NARES ST	28	81	20.5	63	58.0	70	9	6	17	592	622		X	X BOTT
NARES ST	30	81	34.5	63	39.0	70	9	8	12	759	786		X	X BOTT
NARES ST	32	81	53.7	63	4.0	70	9	9	0	600	626		X	X BOTT
NARES ST	33	81	52.5	63	4.0	70	9	9	4	582	594		X	X BOTT
NARES ST	31	81	46.0	64	3.0	70	9	8	17	432	457		X	X BOTT
NARES ST	27	81	.0	66	.0	70	9	6	9	344	365		X	X BOTT

BOTTLE/CTD DATA SET NUMBER: 70-0006B
YEAR:1970 VESSEL/AGENCY: WESTWIND

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	16	74	51.0	69	4.0	70	7	26	10	500	1372	X		X	BISS		
MELV BAY	21	75	45.7	66	46.0	70	7	26	21	75	123	X		X	BISS		
BAFFIN B	19	75	29.4	67	39.0	70	7	26	17	400	430	X		X	BISS		
BAFFIN B	20	75	43.0	67	11.0	70	7	26	19	400	466	X		X	BISS		
BAFFIN B	17	75	4.0	68	37.0	70	7	26	12	600	750	X		X	BISS		
BAFFIN B	18	75	15.0	68	8.0	70	7	26	15	400	493	X		X	BISS		
BAFFIN B	22	75	55.0	68	.0	70	7	27	2	250	300	X		X	BISS		
BAFFIN B	23	75	46.0	68	29.0	70	7	27	5	250	285	X		X	BISS		
BAFFIN B	24	75	32.0	69	5.0	70	7	27	8	500	538	X		X	BISS		
BAFFIN B	25	75	23.0	69	46.0	70	7	27	10	600	635	X		X	BISS		
BAFFIN B	27	75	56.4	69	34.0	70	7	27	16	400	457	X		X	BISS		
SMITH SD	28	76	4.3	69	.0	70	7	27	18	100	146	X		X	BISS		
SMITH SD	29	76	12.0	69	47.0	70	7	27	20	125	207	X		X	BISS		
BAFFIN B	11	73	56.0	74	50.0	70	7	25	20	800	878	X		X	BISS		
BAFFIN B	10	73	46.0	75	31.0	70	7	25	18	800	914	X		X	BISS		
BAFFIN B	9	73	41.0	76	12.0	70	7	25	15	800	914	X		X	BISS		
ECLIPSE	7	73	38.5	77	35.0	70	7	25	11	900	1079	X		X	BISS		
ECLIPSE	8	73	30.0	77	.0	70	7	25	13	900	1024	X		X	BISS		
ECLIPSE	67	73	56.0	77	53.0	70	8	5	19	700	869	X		X	BISS		
ECLIPSE	6	73	43.5	78	14.6	70	7	25	7	900	1006	X		X	BISS		

ECLIPSE	4	73	55.5	79	59.6	70	7	25	1	700	815	X	X BISS
BAFFIN B	15	74	36.0	70	50.0	70	7	26	5	900	1372	X	X BISS
BAFFIN B	14	74	20.0	72	18.0	70	7	26	2	800	988	X	X BISS
BAFFIN B	13	74	11.0	73	17.0	70	7	26	0	700	786	X	X BISS
BAFFIN B	12	74	4.0	74	5.0	70	7	25	22	700	786	X	X BISS
BAFFIN B	72	74	57.0	75	17.0	70	8	6	5	400	420	X	X BISS
BAFFIN B	70	74	37.0	76	48.0	70	8	6	1	400	503	X	X BISS
BAFFIN B	71	74	48.0	76	6.5	70	8	6	3	300	421	X	X BISS
BAFFIN B	62	74	54.0	77	43.0	70	8	5	9	225	280	X	X BISS
BAFFIN B	68	74	9.9	77	31.8	70	8	5	21	700	786	X	X BISS
BAFFIN B	69	74	24.0	77	8.0	70	8	5	23	600	650	X	X BISS
BAFFIN B	63	74	44.7	78	35.8	70	8	5	10	300	420	X	X BISS
BAFFIN B	64	74	30.0	78	39.0	70	8	5	12	500	560	X	X BISS
BAFFIN B	65	74	15.0	78	50.0	70	8	5	14	700	878	X	X BISS
BAFFIN B	1	74	30.6	79	58.9	70	7	24	18	500	658	X	X BISS
BAFFIN B	66	74	3.0	79	7.0	70	8	5	17	700	823	X	X BISS
BAFFIN B	26	75	46.0	70	26.0	70	7	27	13	500	530	X	X BISS
BAFFIN B	56	75	57.3	71	33.0	70	8	4	19	300	412	X	X BISS
BAFFIN B	74	75	29.0	71	50.0	70	8	6	13	500	603	X	X BISS
BAFFIN B	75	75	36.5	71	2.0	70	8	6	14	400	518	X	X BISS
BAFFIN B	57	75	50.0	72	25.0	70	8	4	21	300	384	X	X BISS
BAFFIN B	58	75	38.5	73	43.0	70	8	4	23	300	402	X	X BISS
BAFFIN B	73	75	13.8	73	38.0	70	8	6	9	600	713	X	X BISS
BAFFIN B	50	75	58.5	74	40.0	70	8	2	5	300	384	X	X BISS
BAFFIN B	59	75	26.8	74	56.5	70	8	5	2	400	457	X	X BISS
BAFFIN B	49	75	51.7	75	40.4	70	8	2	3	300	393	X	X BISS
BAFFIN B	48	75	43.0	76	21.0	70	8	2	1	250	320	X	X BISS
BAFFIN B	60	75	13.0	76	15.0	70	8	5	5	300	360	X	X BISS
BAFFIN B	61	75	4.0	76	59.0	70	8	5	7	250	311	X	X BISS
BAFFIN B	46	75	24.0	77	56.0	70	8	1	22	300	448	X	X BISS
BAFFIN B	47	75	35.0	77	14.0	70	8	2	0	300	366	X	X BISS
BAFFIN B	45	75	12.0	78	48.0	70	8	1	18	500	603	X	X BISS
BAFFIN B	43	75	43.0	79	46.0	70	8	1	14	500	550	X	X BISS
BAFFIN B	44	75	38.0	79	45.5	70	8	1	15	500	549	X	X BISS
SMITH SD	54	76	28.0	70	59.0	70	8	2	13	225	292	X	X BISS
SMITH SD	55	76	5.0	70	42.0	70	8	4	17	400	549	X	X BISS
SMITH SD	34	76	54.0	71	31.0	70	7	31	14	800	1004	X	X BISS
SMITH SD	35	76	48.3	72	11.0	70	7	31	16	300	466	X	X BISS
SMITH SD	52	76	14.5	72	47.0	70	8	2	10	400	494	X	X BISS

SMITH SD	53	76	21.0	72	.0	70	8	2	11	500	567	X		X	BISS
SMITH SD	36	76	41.0	73	38.0	70	7	31	20	500	549	X		X	BISS
SMITH SD	51	76	7.5	73	45.0	70	8	2	7	300	420	X		X	BISS
SMITH SD	37	76	39.0	74	35.0	70	7	31	22	500	585	X		X	BISS
SMITH SD	38	76	35.0	75	43.5	70	8	1	1	225	284	X		X	BISS
SMITH SD	39	76	32.5	76	41.5	70	8	1	2	125	185	X		X	BISS
SMITH SD	40	76	27.5	77	52.0	70	8	1	4	250	340	X		X	BISS
SMITH SD	41	76	20.0	78	55.0	70	8	1	6	75	320	X		X	BISS
SMITH SD	42	76	11.5	79	7.5	70	8	1	8	75	110	X		X	BISS
SMITH SD	33	77	24.0	75	19.0	70	7	31	7	600	625	X		X	BISS
SMITH SD	30	78	24.0	73	23.0	70	7	30	19	400	439	X		X	BISS
SMITH SD	31	78	26.5	74	10.0	70	7	30	22	500	556	X		X	BISS
SMITH SD	32	78	31.3	74	22.0	70	7	31	0	300	357	X		X	BISS
ECLIPSE	5	73	45.0	80	.0	70	7	25	3	700	823	/		X	BISS
BAFFIN B	3	74	7.8	80	.0	70	7	24	22	700	805	X		X	BISS

BOTTLE/CTD DATA SET NUMBER: 71-0010
YEAR:1971 VESSEL/AGENCY: ST. LAURENT

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
SMITH SD	4	77	13.5	78	49.5	71	9	2	22	390	475		X	X	BOTT		
SMITH SD	3	77	15.8	79	46.0	71	9	2	20	551	667		X	X	BOTT		
SMITH SD	2	77	16.5	80	45.1	71	9	2	17	481	548		X	X	BOTT		
JONES SD	1	77	21.2	81	9.0	71	9	2	15	101	157		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 71-0011
YEAR:1971 VESSEL/AGENCY: DANA

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
DISKO IS	100	68	2.0	55	28.0	71	7	23	6	75	77		X	X	BOTT	
DISKO IS	101	68	.0	55	.0	71	7	23	8	40	43		X	X	BOTT	
DISKO IS	97	68	4.0	56	.0	71	7	22	20	115	119		X	X	BOTT	
DISKO IS	98	68	5.0	56	35.0	71	7	22	22	188	192		X	X	BOTT	
DISKO IS	99	68	19.0	56	52.0	71	7	23	1	400	425		X	X	BOTT	
DISKO IS	103	69	40.0	51	40.0	71	7	26	20	240	245		X	X	BOTT	
DISKO IS	104	69	56.0	52	15.0	71	7	27	1	530	540		X	X	BOTT	
DISKO IS	102	69	15.0	53	17.0	71	7	24	2	305	330		X	X	BOTT	
DISKO IS	113	70	59.0	52	41.0	71	7	30	16	610	660		X	X	BOTT	
DISKO IS	105	70	14.0	53	5.0	71	7	27	6	525	550		X	X	BOTT	
DISKO IS	106	70	22.0	54	2.0	71	7	27	10	580	590		X	X	BOTT	
DISKO IS	107	70	35.0	55	19.0	71	7	27	16	225	232		X	X	BOTT	
DISKO IS	108	70	39.0	55	47.0	71	7	27	17	400	415		X	X	BOTT	
DISKO IS	112	70	53.0	55	48.0	71	7	29	3	555	563		X	X	BOTT	
DISKO IS	109	70	45.0	56	26.0	71	7	27	19	530	555		X	X	BOTT	
DISKO IS	110	70	49.0	56	52.0	71	7	27	21	505	534		X	X	BOTT	
DISKO IS	111	70	58.0	57	51.0	71	7	28	0	325	344		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 71-0012
YEAR:1971 VESSEL/AGENCY: FIXED STATIONS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
NARES ST	4	81 51.5	61 43.0	71 5 10 13	289			X	X	BOTT		
NARES ST	1	81 54.0	62 .0	71 4 25 18	479	570		X	X	BOTT		
NARES ST	2	81 54.0	62 .0	71 5 3 19	501	570		X	X	BOTT		
NARES ST	3	81 54.0	62 .0	71 5 8 15	382	570		X	X	BOTT		
NARES ST	5	81 59.0	62 22.0	71 5 11 20	150			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 71-0013
YEAR:1971 VESSEL/AGENCY: ST. LAURENT

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
NARES ST	4	79 47.1	67 30.0	71 8 19 11	65	73		X	X	BOTT		
NARES ST	3	79 42.0	69 12.0	71 8 19 8	100	109		X	X	BOTT		
SMITH SD	1	78 30.2	73 42.0	71 8 18 15	483	512		X	X	BOTT		
SMITH SD	22	78 11.0	73 40.0	71 8 29 7	570	621		X	X	BOTT		
SMITH SD	23	78 13.5	74 19.0	71 8 29 9	538	630		X	X	BOTT		
SMITH SD	24	78 15.7	74 55.5	71 8 29 11	613	665		X	X	BOTT		
NARES ST	2	79 40.0	71 16.0	71 8 19 4	196	219		X	X	BOTT		
NARES ST	14	82 18.0	59 5.0	71 8 22 13	377	411		X	X	BOTT		
NARES ST	5	80 45.1	66 56.0	71 8 19 18	391	411		X	X	BOTT		

NARES ST	19	80 26.3	68 47.0	71	8	27	18	291	402		X	X	BOTT
NARES ST	20	80 21.1	68 24.0	71	8	27	19	341	378		X	X	BOTT
NARES ST	21	80 15.1	68 29.3	71	8	27	21	342	358		X	X	BOTT
NARES ST	8	81 56.4	61 52.0	71	8	20	14	607	621		X	X	BOTT
NARES ST	9	81 49.8	61 47.5	71	8	20	17	292	347		X	X	BOTT
NARES ST	15	81 56.7	61 57.0	71	8	23	12	605	645		X	X	BOTT
NARES ST	7	81 58.4	62 18.0	71	8	20	12	500	621		X	X	BOTT
NARES ST	18	81 23.4	62 58.5	71	8	27	10	371	530		X	X	BOTT
NARES ST	16	81 30.1	63 51.9	71	8	27	6	581	612		X	X	BOTT
NARES ST	17	81 26.1	63 17.3	71	8	27	8	616	676		X	X	BOTT
NARES ST	6	82 1.0	61 29.5	71	8	20	5	457	640		X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 72-0018
YEAR:1972 VESSEL/AGENCY: FIXED STATIONS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
NARES ST	1	81 55.9	61 49.3	72 6 4 21	630	643		X	X	BOTT		
NARES ST	2	81 53.2	61 16.4	72 6 5 16	650			X	X	BOTT		
NARES ST	3	81 58.8	62 6.5	72 6 5 23	74	599		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 72-0020
YEAR:1972 VESSEL/AGENCY: ST. LAURENT

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	2	70	37.0	56	52.0	72	2	14	1	293	722		X	X	BOTT		
BAFFIN B	1	71	57.0	62	7.0	72	2	12	1	1950	1975		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 72-0021
YEAR:1972 VESSEL/AGENCY: QUEST

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	5	70	35.0	61	30.0	72	9	1		1200			X	X	BOTT		
BAFFIN B	6	71	59.0	67	20.0	72	9	2		2132			X	X	BOTT		
MELV BAY	7	74	1.0	64	.0	72	9	4		690			X	X	BOTT		
BAFFIN B	8	75	.0	70	58.0	72	9	5		700			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 74-0013B
YEAR:1974 VESSEL/AGENCY: HUDSON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
SMITH SD	35	78	38.0	72	6.0	74	8	6	18			X		X	GUIL		

BOTTLE/CTD DATA SET NUMBER: 75-0034
YEAR:1975 VESSEL/AGENCY: FIXED STATIONS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
NARES ST	244	81	51.2	60	39.9	75	5	18	21	350	600		X	X	BOTT		
NARES ST	245	81	51.2	60	39.9	75	5	18	23	50	600		X	X	BOTT		
NARES ST	246	81	51.2	60	39.9	75	5	19	0	50	600		X	X	BOTT		
NARES ST	247	81	51.2	60	39.9	75	5	19	1	50	600		X	X	BOTT		
NARES ST	248	81	51.2	60	39.9	75	5	19	2	50	600		X	X	BOTT		
NARES ST	249	81	51.2	60	39.9	75	5	19	2	50	600		X	X	BOTT		
NARES ST	250	81	51.2	60	39.9	75	5	19	3	50	600		X	X	BOTT		
NARES ST	251	81	51.2	60	39.9	75	5	19	3	50	600		X	X	BOTT		
NARES ST	252	81	51.2	60	39.9	75	5	19	4	50	600		X	X	BOTT		
NARES ST	253	81	51.2	60	39.9	75	5	19	6	50	600		X	X	BOTT		
NARES ST	254	81	51.2	60	39.9	75	5	19	7	50	600		X	X	BOTT		
NARES ST	255	81	51.2	60	39.9	75	5	19	8	50	600		X	X	BOTT		
NARES ST	256	81	51.2	60	39.9	75	5	19	9	50	600		X	X	BOTT		

NARES ST	257	81	51.2	60	39.9	75	5	19	10	50	600		X	X BOTT
NARES ST	258	81	51.2	60	39.9	75	5	19	11	50	600		X	X BOTT
NARES ST	259	81	51.2	60	39.9	75	5	19	12	50	600		X	X BOTT
NARES ST	260	81	51.2	60	39.9	75	5	19	13	50	600		X	X BOTT
NARES ST	261	81	51.2	60	39.9	75	5	19	14	50	600		X	X BOTT
NARES ST	262	81	51.2	60	39.9	75	5	19	15	50	600		X	X BOTT
NARES ST	263	81	51.2	60	39.9	75	5	19	16	50	600		X	X BOTT
NARES ST	264	81	51.2	60	39.9	75	5	19	17	50	600		X	X BOTT
NARES ST	265	81	51.2	60	39.9	75	5	19	18	50	600		X	X BOTT
NARES ST	266	81	51.2	60	39.9	75	5	19	19	50	600		X	X BOTT
NARES ST	267	81	51.2	60	39.9	75	5	19	20	50	600		X	X BOTT
NARES ST	268	81	51.2	60	39.9	75	5	19	21	50	600		X	X BOTT
NARES ST	269	81	51.2	60	39.9	75	5	19	22	50	600		X	X BOTT
NARES ST	270	81	51.2	60	39.9	75	5	19	23	50	600		X	X BOTT
NARES ST	271	81	51.2	60	39.9	75	5	20	0	50	600		X	X BOTT
NARES ST	272	81	9.7	65	3.0	75	5	16	21	350	353		X	X BOTT

BOTTLE/CTD DATA SET NUMBER: 75-0036
YEAR:1975 VESSEL/AGENCY:

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
MARM. FJ	1	71	6.4	51	14.0	75	9	6		50	55		X	X			
MARM. FJ	4	71	7.4	51	16.0	75	9	6		70	72		X	X			
MARM. FJ	10	71	8.1	51	16.8	75	9	6		120	125		X	X			
MARM. FJ	12	71	7.9	51	19.3	75	9	6		175	180		X	X			
MARM. FJ	16	71	7.2	51	25.3	75	9	8		180	195		X	X			
MARM. FJ	17	71	6.0	51	30.5	75	9	8		200	240		X	X			
MARM. FJ	18	71	4.9	51	38.5	75	9	8		800	840		X	X			

BOTTLE/CTD DATA SET NUMBER: 75-0038
YEAR:1975 VESSEL/AGENCY: CANADIAN

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C S T	INSTR	INT HR	NO
BAFFIN B	8	68 11.0	67 11.0	75 6 26	61	61	X X			

BOTTLE/CTD DATA SET NUMBER: 75-0041
YEAR:1975 VESSEL/AGENCY: ICE STATIONS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C S T	INSTR	INT HR	NO
KANE BAS	ES	78 51.5	73 43.9	75 4 12	50		X	THER		
KANE BAS	ES	78 51.5	73 43.9	75 4 14	50		X	THER		
KANE BAS	ES	78 51.5	73 43.9	75 5 15	50		X	THER		
KANE BAS	ES	78 51.5	73 43.9	75 5 16	50		X	THER		
KANE BAS	ES	78 51.5	73 43.9	75 5 17	50		X	THER		
KANE BAS	ES	78 51.5	73 43.9	75 5 18	50		X	THER		
KANE BAS	ES	78 51.5	73 43.9	75 5 19	50		X	THER		
KANE BAS	SG	78 50.7	73 30.4	75 4 11	50		X	THER		
KANE BAS	SG	78 50.7	73 30.4	75 4 12	50		X	THER		
KANE BAS	SG	78 50.7	73 30.4	75 5 16	50		X	THER		
KANE BAS	KB	78 49.0	73 43.5	75 4 10	50		X	THER		
KANE BAS	KB	78 49.0	73 43.5	75 4 11	50		X	THER		
KANE BAS	KB	78 49.0	73 43.5	75 4 12	50		X	THER		

KANE BAS	KB	78	49.0	73	43.5	75	5	15	50					X	THER	
KANE BAS	KB	78	49.0	73	43.5	75	5	19	50					X	THER	
KANE BAS	CP	78	48.8	73	30.7	75	4	9	50					X	THER	
KANE BAS	CP	78	48.8	73	30.7	75	4	11	50					X	THER	

BOTTLE/CTD DATA SET NUMBER: 76-0011
YEAR:1976 VESSEL/AGENCY: HUDSON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	25	71	22.8	70	9.7	76	8	11	5						BOTT		

BOTTLE/CTD DATA SET NUMBER: 76-0023
YEAR:1976 VESSEL/AGENCY: NORTHWIND

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR.	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	16	68	9.0	55	23.0	76	3	2		317		X		X	CTD		
DISKO IS	17	68	30.0	55	42.0	76	3	3		568		X		X	CTD		
DISKO IS	18	69	5.0	55	28.0	76	3	3		434		X		X	CTD		
BAFFIN B	19	69	3.0	59	15.0	76	3	5		568		X		X	CTD		
BAFFIN B	20	68	58.0	60	18.0	76	3	6		568		X		X	CTD		
BAFFIN B	21	69	9.0	62	11.0	76	3	7		568		X		X	CTD		
BAFFIN B	22	69	6.0	62	11.0	76	3	7		568		X		X	CTD		
BAFFIN B	23	68	55.0	61	51.0	76	3	8		568		X		X	CTD		

BAFFIN B	24	68	23.0	60	42.0	76	3	9	568		X	X	CTD
BAFFIN B	25	68	25.0	60	29.0	76	3	10	491		X	X	CTD

BOTTLE/CTD DATA SET NUMBER: 76-0025
YEAR:1976 VESSEL/AGENCY: GREENLAND GEOL.

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
MARM. FJ	4	71	7.4	51	16.0	76	3	27		71	72		X	X			
MARM. FJ	10	71	8.1	51	16.8	76	3	27		105	110		X	X			
MARM. FJ	12	71	7.9	51	19.3	76	3	27		170	175		X	X			
MARM. FJ	16	71	7.2	51	25.3	76	3	29		225	230		X	X			
MARM. FJ	17	71	6.0	51	30.5	76	3	29		240	250		X	X			
MARM. FJ	1	71	6.4	51	14.0	76	9	5		53	55		X	X			
MARM. FJ	4	71	7.4	51	16.0	76	9	5		68	70			X			
MARM. FJ	10	71	8.1	51	16.8	76	9	5		112	114		X	X			
MARM. FJ	12	71	7.9	51	19.3	76	9	5		178	180			X			
MARM. FJ	16	71	7.2	51	25.3	76	9	5		200	205		X	X			
MARM. FJ	17	71	6.0	51	30.5	76	9	5		175	178		X	X			
MARM. FJ	18	71	4.9	51	38.5	76	9	5		850	855		X	X			

BOTTLE/CTD DATA SET NUMBER: 76-0027
YEAR:1976 VESSEL/AGENCY: ICE STATIONS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
JONES SD	NR1	76	14.5	81	56.3	76	4	16		300				X	THER		
JONES SD	NR1	76	14.5	81	56.3	76	4	18		15				X	THER		
JONES SD	NR1	76	14.5	81	56.3	76	4	30		300				X	THER		
JONES SD	NR1	76	14.5	81	56.3	76	5	3		80				X	THER		
JONES SD	NR1	76	14.5	81	56.3	76	5	4		300				X	THER		
JONES SD	NR1	76	14.5	81	56.3	76	5	5		240				X	THER		
JONES SD	NR1	76	14.5	81	56.3	76	5	6		24				X	THER		
JONES SD	NR3	76	23.6	81	56.5	76	4	9		96				X	THER		
JONES SD	NR3	76	23.6	81	56.5	76	4	10		300				X	THER		
JONES SD	NR3	76	23.6	81	56.5	76	4	13		80				X	THER		
JONES SD	NR3	76	23.6	81	56.5	76	5	31		300				X	THER		
JONES SD	NR3	76	23.6	81	56.5	76	6	1		300				X	THER		
JONES SD	NR7	76	33.6	81	48.9	76	5	18		300				X	THER		
JONES SD	NR7	76	33.6	81	48.9	76	5	20		80				X	THER		
JONES SD	NR7	76	33.6	81	48.9	76	5	23		300				X	THER		
JONES SD	NR7	76	33.6	81	48.9	76	5	27		300				X	THER		
JONES SD	NR7	76	33.6	81	48.9	76	5	28		300				X	THER		
JONES SD	NR7	76	33.6	81	48.9	76	5	29		80				X	THER		

BOTTLE/CTD DATA SET NUMBER: 77-0028
YEAR:1977 VESSEL/AGENCY: WESTWIND

AREA	STN	LAT DEG MIN	LONG DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
SMITH SOUND	01	78 40.	72 31.	77 07 18 ?	375	?		X	X	BOTT	
SMITH SOUND	02	78 40.8	73 12.	77 07 18 ?	450	?		X	X	BOTT	
SMITH SOUND	03	78 45.	73 48.	77 07 18 ?	325	?		X	X	BOTT	
SMITH SOUND	04	78 39.	74 10.	77 07 18 ?	450	?		X	X	BOTT	
SMITH SOUND	05	78 36.	74 02.	77 07 17 ?	350	?		X	X	BOTT	
SMITH SOUND	06	78 40.	73 36.	77 07 18 ?	180	?		X	X	BOTT	
SMITH SOUND	07	78 36.	73 24.	77 07 17 ?	400	?		X	X	BOTT	
SMITH SOUND	08	78 32.5	72 46.	77 07 18 ?	300	?		X	X	BOTT	
SMITH SOUND	09	78 34.3	72 22.	77 07 18 ?	200	?		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 77-0014
YEAR:1977 VESSEL/AGENCY: HUDSON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	12	68	8.7	61	21.3	77	8	31	18			X		X	GUIL		
BAFFIN B	13	70	2.3	62	46.1	77	9	1	13			X		X	GUIL		
BAFFIN B	14	72	25.4	60	2.6	77	9	2	13			X		X	GUIL		
BAFFIN B	15	73	41.8	58	39.5	77	9	2	20			X		X	GUIL		
BAFFIN B	16	73	41.2	61	38.6	77	9	3	2			X		X	GUIL		
BAFFIN B	17	73	42.0	64	34.9	77	9	3	11			X		X	GUIL		
BAFFIN B	18	73	27.3	67	17.3	77	9	3	23			X		X	GUIL		
BAFFIN B	19	72	14.1	65	56.9	77	9	4	16			X		X	GUIL		
BAFFIN B	20	71	24.6	70	7.6	77	9	5	17			X		X	GUIL		
BAFFIN B	21	71	16.0	70	27.0	77	9	5	20			X		X	GUIL		
BAFFIN B	22	71	7.1	70	21.2	77	9	6	0			X		X	GUIL		
BAFFIN B	23	71	.4	69	39.2	77	9	6	5			X		X	GUIL		
BAFFIN B	24	71	13.0	69	35.7	77	9	6	9			X		X	GUIL		
BAFFIN B	25	71	25.0	69	38.9	77	8	6	12			X		X	GUIL		
BAFFIN B	26	71	6.5	71	20.5	77	8	6	16			X		X	GUIL		
BAFFIN B	27	71	3.0	71	13.4	77	9	6	17			X		X	GUIL		
BAFFIN B	28	73	42.0	70	29.0	77	9	7	10			X		X	GUIL		
BAFFIN B	29	73	42.0	75	55.0	77	9	7	23			X		X	GUIL		
JONES SD	45	76	21.1	89	25.8	77	9	13	0			X		X	GUIL		
JONES SD	46	76	23.6	89	18.3	77	9	13	3			X		X	GUIL		
JONES SD	47	75	51.8	83	49.9	77	9	13	14			X		X	GUIL		
JONES SD	48	75	58.0	83	50.0	77	9	13	15			X		X	GUIL		
JONES SD	49	76	4.7	83	49.9	77	9	13	18			X		X	GUIL		
JONES SD	50	76	10.0	83	51.0	77	9	13	21			X		X	GUIL		
JONES SD	51	76	20.1	83	49.3	77	9	14	0			X		X	GUIL		
SMITH SD	52	78	19.2	74	43.0	77	9	15	6			X		X	GUIL		
SMITH SD	53	78	18.9	74	16.0	77	9	15	10			X		X	GUIL		

SMITH SD	54	78	20.4	73	39.8	77	9	15	14			X		X GUIL
SMITH SD	55	78	19.0	73	5.3	77	9	15	19			X		X GUIL
SMITH SD	56	78	.2	73	57.6	77	9	15	23			X		X GUIL
SMITH SD	57	77	40.2	74	18.8	77	9	16	3			X		X GUIL
SMITH SD	58	77	19.7	74	29.7	77	9	16	7			X		X GUIL

BOTTLE/CTD DATA SET NUMBER: 77-0029
YEAR:1977 VESSEL/AGENCY: CANADIAN

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
ECLIPSE	1	72	42.4	78	.5	77	3	21	23	50	64		X	X	BOT		
ECLIPSE	2	72	49.3	78	8.3	77	4	19	16	839	842		X	X	BOT		
ECLIPSE	3	72	41.2	78	9.5	77	5	13	21	222	224		X	X	BOT		
ECLIPSE	4	72	41.2	78	9.5	77	5	26	16	222	224		X	X	BOT		
ECLIPSE	5	72	49.3	78	8.3	77	6	2	18	836	842		X	X	BOT		

BOTTLE/CTD DATA SET NUMBER: 77-0030
YEAR:1977 VESSEL/AGENCY: GREENLAND GEOL.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
DISKO IS	1	71	6.4	51	14.0	77	3	26		48	50		X	X			
DISKO IS	4	71	7.4	51	16.0	77	3	26		50	63		X	X			
DISKO IS	10	71	8.1	51	16.8	77	3	27		150	155		X	X			

DISKO IS	12	71	7.9	51	19.3	77	3	27		168	170		X	X	
DISKO IS	16	71	7.2	51	25.3	77	3	27		175	180		X	X	
DISKO IS	1	71	6.4	51	14.0	77	9	2		53	55		X	X	
DISKO IS	4	71	7.4	51	16.0	77	9	2		68	70		X	X	
DISKO IS	10	71	8.1	51	16.8	77	9	2		119	124		X	X	
DISKO IS	12	71	7.9	51	19.3	77	9	2		178	197		X	X	
DISKO IS	16	71	7.2	51	25.3	77	9	4		208	210		X	X	
DISKO IS	17	71	6.0	51	30.5	77	9	4		180	185		X	X	
DISKO IS	18	71	4.9	51	38.5	77	9	4		850	900		X	X	

BOTTLE/CTD DATA SET NUMBER: 77-0031
YEAR:1977 VESSEL/AGENCY: ADOLF JENSEN

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	35	68	48.0	51	26.0	77	4	30	18	350	373		X	X	BOTT		
DISKO IS	34	68	50.0	52	10.0	77	4	29	22	250	266		X	X	BOTT		
DISKO IS	42	68	22.0	55	5.0	77	5	14	16	450	471		X	X	BOTT		
DISKO IS	73	68	24.0	55	6.0	77	7	24	18	470	480		X	X	BOTT		
DISKO IS	82	68	18.0	56	53.0	77	8	5	24	390	403		X	X	BOTT		
DISKO IS	74	68	.0	57	45.0	77	7	25	11	345	357		X	X	BOTT		
BAFFIN B	83	68	22.0	58	37.0	77	8	6	17	330	345		X	X	BOTT		
DISKO IS	36	69	7.0	51	15.0	77	4	30	22	300	312		X	X	BOTT		
DISKO IS	39	69	16.0	51	53.0	77	5	3	21	400	438		X	X	BOTT		
DISKO IS	40	69	14.0	51	14.0	77	5	4	11	300	315		X	X	BOTT		
DISKO IS	37	69	.0	52	4.0	77	5	1	15	250	282		X	X	BOTT		
DISKO IS	38	69	16.0	53	12.0	77	5	2	21	350	367		X	X	BOTT		
DISKO IS	84	69	37.0	56	33.0	77	8	8	24	210	220		X	X	BOTT		
BAFFIN B	85	70	12.0	58	4.0	77	8	9	11	310	323		X	X	BOTT		
BAFFIN B	86	70	3.0	58	13.0	77	8	9	14	330	346		X	X	BOTT		
DISKO IS	97	71	6.0	51	14.0	77	9	2	17	53	55		X	X	BOTT		
DISKO IS	98	71	7.0	51	16.0	77	9	2	18	68	70		X	X	BOTT		

DISKO IS	99	71	8.0	51	16.0	77	9	2	20	119	124		X	X BOTT
DISKO IS	100	71	7.0	51	19.0	77	9	2	22	178	197		X	X BOTT
DISKO IS	101	71	7.0	51	24.0	77	9	4	17	208	210		X	X BOTT
DISKO IS	102	71	6.0	51	30.0	77	9	4	19	180	185		X	X BOTT
DISKO IS	103	71	4.0	51	38.0	77	9	4	22	850	900		X	X BOTT
MELV BAY	96	74	21.0	58	37.0	77	8	22	1	400	427		X	X BOTT
MELV BAY	87	74	53.0	61	13.0	77	8	13	13	750	805		X	X BOTT
MELV BAY	90	75	42.0	60	15.0	77	8	18	22	500	520		X	X BOTT
MELV BAY	88	75	10.0	61	23.0	77	8	14	1	200	869		X	X BOTT
MELV BAY	89	75	20.0	61	17.0	77	8	17	24	500	960		X	X BOTT
MELV BAY	91	75	44.0	61	35.0	77	8	19	14	350	362		X	X BOTT
MELV BAY	92	75	35.0	61	24.0	77	8	19	18	400	413		X	X BOTT
MELV BAY	93	75	26.0	61	10.0	77	8	20	12	500	553		X	X BOTT
MELV BAY	94	75	16.0	61	15.0	77	8	20	23	30	980		X	X BOTT
MELV BAY	95	75	15.0	61	10.0	77	8	21	13	900	999		X	X BOTT

BOTTLE/CTD DATA SET NUMBER: 78-0005
YEAR:1978 VESSEL/AGENCY: THERON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	A5	74	50.9	76	51.8	78	7	28	3	325		X		X	GUIL		
BAFFIN B	A1	74	54.6	79	10.8	78	8	3	20	300		X		X	GUIL		
BAFFIN B	A2	74	54.9	78	41.3	78	8	3	14	50		X		X	GUIL		
BAFFIN B	A3	74	56.9	77	46.5	78	8	3	1	300		X		X	GUIL		
BAFFIN B	A4	74	56.1	76	56.0	78	8	2	17	333		X		X	GUIL		
BAFFIN B	A1	74	53.1	79	6.0	78	8	24	23	403		X		X	GUIL		
BAFFIN B	A2	74	55.0	78	40.0	78	8	24	21	453		X		X	GUIL		
BAFFIN B	A2	74	55.0	78	40.0	78	8	25	12	438		X		X	GUIL		
BAFFIN B	A2	74	59.8	78	34.4	78	8	26	1	453		X		X	GUIL		
BAFFIN B	A3	74	55.4	77	46.0	78	8	24	18	303		X		X	GUIL		
BAFFIN B	A4	74	55.8	76	52.5	78	8	24	12	334		X		X	GUIL		

BAFFIN B	A6	74	55.2	75	12.1	78	8	28	23	479	X	X	GUIL
BAFFIN B	A2	74	52.4	78	46.1	78	9	1	14	423	X	X	GUIL
BAFFIN B	A2	74	50.6	78	39.2	78	9	2	12	426	X	X	GUIL
BAFFIN B	A1	74	54.6	79	12.8	78	9	17	15	345	X	X	GUIL
BAFFIN B	A1	74	54.2	79	11.3	78	9	30	1	394	X	X	GUIL
BAFFIN B	A2	74	55.1	78	38.8	78	9	30	13	460	X	X	GUIL
BAFFIN B	A3	74	55.1	77	45.7	78	9	30	17	310	X	X	GUIL
BAFFIN B	A4	74	54.4	76	50.4	78	9	30	19	325	X	X	GUIL
BAFFIN B	CB1	75	45.6	79	27.0	78	8	29	21	302	X	X	GUIL
ECLIPSE	D1	73	42.0	77	55.3	78	7	24	12	963	X	X	GUIL
ECLIPSE	D1	73	42.2	78	.1	78	7	31	11	878	X	X	GUIL
ECLIPSE	D2	73	59.8	77	42.8	78	7	27	14	860	X	X	GUIL
BAFFIN B	D2.5	74	6.5	77	21.2	78	7	27	17	804	X	X	GUIL
BAFFIN B	D3	74	15.9	77	37.2	78	7	27	19	694	X	X	GUIL
NARES ST	D4	79	30.5	77	21.7	78	7	27	22	558	X	X	GUIL
BAFFIN B	D5	74	35.6	79	12.7	78	7	28	9	503	X	X	GUIL
BAFFIN B	D6	74	8.7	78	28.4	78	7	29	12	814	X	X	GUIL
BAFFIN B	D2.5	74	7.4	77	22.9	78	7	29	19	796	X	X	GUIL
BAFFIN B	D2.5	74	6.9	77	26.2	78	8	1	12	803	X	X	GUIL
BAFFIN B	D4	74	30.5	77	20.8	78	8	2	12	553	X	X	GUIL
BAFFIN B	D6	74	7.5	78	32.0	78	8	1	21	814	X	X	GUIL
BAFFIN B	D5	74	36.1	79	13.8	78	8	22	15	515	X	X	GUIL
BAFFIN B	D5	74	36.7	79	25.0	78	8	22	22	474	X	X	GUIL
BAFFIN B	D5	74	37.1	79	16.0	78	8	26	20	499	X	X	GUIL
BAFFIN B	D5	74	35.7	79	18.0	78	8	26	23	502	X	X	GUIL
ECLIPSE	D1	73	42.6	77	50.7	78	9	6	3	1026	X	X	GUIL
ECLIPSE	D2	73	58.4	77	37.6	78	9	5	20	859	X	X	GUIL
SMITH SD	D3	77	14.9	77	32.5	78	9	5	17	694	X	X	GUIL
BAFFIN B	D4	74	29.8	77	19.3	78	9	5	12	556	X	X	GUIL
BAFFIN B	D6	74	6.6	78	28.1	78	9	16	15	818	X	X	GUIL
ECLIPSE	D5	73	34.9	79	24.1	78	9	22	13	535	X	X	GUIL
ECLIPSE	D1	73	42.7	78	.6	78	9	28	1	508	X	X	GUIL
ECLIPSE	D1	73	42.7	78	.6	78	9	28	1	932	X	X	GUIL
ECLIPSE	D2	73	58.0	77	49.0	78	9	27	19	461	X	X	GUIL
BAFFIN B	D2.5	74	7.7	77	26.0	78	9	28	21	824	X	X	GUIL
BAFFIN B	D3	74	15.7	77	3.1	78	9	29	1	712	X	X	GUIL
BAFFIN B	D4	74	31.3	77	20.7	78	9	29	15	570	X	X	GUIL
ECLIPSE	E1	73	30.4	77	3.8	78	7	25	10	962	X	X	GUIL
ECLIPSE	E1.3	73	37.1	77	2.0	78	7	23	21	962	X	X	GUIL

BAFFIN B	E2	73	44.2	76	17.1	78	7	25	16	843		X	X GUIL
BAFFIN B	E3	73	57.2	75	31.4	78	7	25	21	814		X	X GUIL
BAFFIN B	E4	74	10.5	74	41.0	78	7	26	2	681		X	X GUIL
BAFFIN B	E4	74	10.5	74	41.0	78	7	26	2	694		X	X GUIL
ECLIPSE	E1	73	31.0	77	3.1	78	9	4	12	874		X	X GUIL
BAFFIN B	E1.5	73	46.3	76	37.3	78	9	4	17	952		X	X GUIL
BAFFIN B	E2	73	42.5	76	13.6	78	9	4	19	888		X	X GUIL
BAFFIN B	E3	73	57.2	75	32.0	78	9	4	23	846		X	X GUIL
BAFFIN B	E4	74	10.7	74	40.4	78	9	5	2	711		X	X GUIL
BAFFIN B	E1.5	73	37.2	76	29.8	78	10	1	17	925		X	X GUIL
BAFFIN B	E2	73	41.9	76	7.2	78	10	1	14	213		X	X GUIL
BAFFIN B	E3	73	58.2	75	28.2	78	10	1	10	815		X	X GUIL
BAFFIN B	E4	74	10.4	74	45.6	78	10	1	4	710		X	X GUIL
ECLIPSE	F6	72	49.6	77	29.8	78	8	13	11	1015		X	X GUIL
ECLIPSE	F1	73	34.3	81	9.0	78	9	8	20	393		X	X GUIL
ECLIPSE	F2	73	28.0	81	3.8	78	9	8	23	311		X	X GUIL
ECLIPSE	F4	72	48.0	79	54.0	78	9	9	17	147		X	X GUIL
ECLIPSE	F5	72	33.8	79	14.2	78	9	9	21	704		X	X GUIL
ECLIPSE	F6	72	48.4	77	32.4	78	9	10	3	1027		X	X GUIL
BAFFIN B	F7	72	44.6	76	27.8	78	9	10	21	656		X	X GUIL
ECLIPSE	F1	73	38.6	81	8.7	78	9	23	10	393		X	X GUIL
ECLIPSE	F2	73	28.4	81	2.5	78	9	23	13	331		X	X GUIL
ECLIPSE	F3	73	6.3	80	19.0	78	9	23	20	259		X	X GUIL
ECLIPSE	F4	72	46.8	79	54.2	78	9	23	22	154		X	X GUIL
ECLIPSE	F5	72	34.7	79	14.4	78	9	24	11	706		X	X GUIL
ECLIPSE	F6	72	48.9	77	36.1	78	9	24	21	1045		X	X GUIL
BAFFIN B	G1	72	50.6	75	45.9	78	7	27	0	484		X	X GUIL
BAFFIN B	G2	73	2.5	75	5.7	78	7	26	21	800		X	X GUIL
BAFFIN B	G3	73	15.3	74	19.5	78	7	26	18	889		X	X GUIL
BAFFIN B	G4	73	28.4	73	30.7	78	7	26	12	859		X	X GUIL
BAFFIN B	G5	73	50.0	74	8.0	78	7	26	8	814		X	X GUIL
BAFFIN B	G1	72	51.0	75	45.0	78	9	11	2	454		X	X GUIL
BAFFIN B	G2	73	3.0	75	6.0	78	9	11	12	827		X	X GUIL
BAFFIN B	G3	73	15.7	74	19.1	78	9	11	16	926		X	X GUIL
BAFFIN B	G4	73	29.1	73	29.7	78	9	11	19	866		X	X GUIL
BAFFIN B	G5.2	73	21.8	76	34.5	78	9	15	17	544		X	X GUIL
BAFFIN B	G5.4	73	29.0	76	6.7	78	9	15	19	942		X	X GUIL
BAFFIN B	G5.6	73	33.6	75	50.2	78	9	15	21	877		X	X GUIL
BAFFIN B	G1	72	50.9	75	51.1	78	10	2	16	526		X	X GUIL

BAFFIN B	G2	73	3.5	75	6.0	78	10	2	11	833	X	X	GUIL
BAFFIN B	G3	73	13.7	74	22.7	78	10	2	4	905	X	X	GUIL
BAFFIN B	G4	73	28.0	73	29.3	78	10	1	22	886	X	X	GUIL
BAFFIN B	GM1	72	49.1	76	6.7	78	9	14	20	252	X	X	GUIL
SMITH SD	GS1	76	12.9	78	55.0	78	8	30	16	103	X	X	GUIL
SMITH SD	GS2	76	9.3	79	9.0	78	8	30	19	125	X	X	GUIL
BAFFIN B	H1	72	36.3	74	54.5	78	8	17	23	379	X	X	GUIL
BAFFIN B	H4	73	7.6	72	57.2	78	8	17	18	894	X	X	GUIL
BAFFIN B	H4	73	8.0	72	57.0	78	9	12	0	936	X	X	GUIL
BAFFIN B	H1	72	36.3	74	55.0	78	9	15	11	429	X	X	GUIL
ECLIPSE	HS	72	51.2	78	12.0	78	9	24	19	642	X	X	GUIL
BAFFIN B	I2	72	18.9	73	7.3	78	8	11	23	15	X	X	GUIL
BAFFIN B	I3	72	32.9	72	29.2	78	8	11	19	50	X	X	GUIL
BAFFIN B	I4	72	44.8	71	50.7	78	8	11	14	50	X	X	GUIL
BAFFIN B	I1	72	10.6	73	51.0	78	8	14	1	100	X	X	GUIL
BAFFIN B	I2	72	19.6	73	9.2	78	8	17	9	344	X	X	GUIL
BAFFIN B	I3	72	34.5	72	34.9	78	8	17	12	849	X	X	GUIL
BAFFIN B	I4	72	45.9	71	50.2	78	8	17	14	1053	X	X	GUIL
BAFFIN B	I1	72	8.9	73	50.4	78	9	12	22	94	X	X	GUIL
BAFFIN B	I2	72	20.7	73	10.6	78	9	12	20	323	X	X	GUIL
BAFFIN B	I3	72	32.8	72	28.5	78	9	12	18	912	X	X	GUIL
BAFFIN B	I4	72	45.8	71	48.0	78	9	12	15	1077	X	X	GUIL
BAFFIN B	I1.2	72	10.7	73	50.8	78	10	3	13	81	X	X	GUIL
BAFFIN B	I2	72	20.8	73	10.6	78	10	3	16	383	X	X	GUIL
BAFFIN B	I3	72	32.6	72	29.1	78	10	3	22	895	X	X	GUIL
BAFFIN B	I4	72	44.7	71	43.2	78	10	4	1	1113	X	X	GUIL
BAFFIN B	J1	71	46.6	72	24.0	78	8	17	5	362	X	X	GUIL
JONES SD	JS1	75	55.0	80	2.0	78	8	31	0	694	X	X	GUIL
BAFFIN B	K1	71	32.6	71	16.0	78	8	16	21	154	X	X	GUIL
BAFFIN B	K2	71	47.7	70	43.1	78	8	14	17	1054	X	X	GUIL
BAFFIN B	K3	72	.3	70	1.1	78	8	14	20	1478	X	X	GUIL
BAFFIN B	K4	73	13.6	69	25.5	78	8	14	23	1479	X	X	GUIL
BAFFIN B	K1	71	35.2	71	25.8	78	10	5	14	102	X	X	GUIL
BAFFIN B	K1	71	35.2	71	25.8	78	10	5	14	108	X	X	GUIL
BAFFIN B	K2	71	47.6	70	39.3	78	10	4	17	1053	X	X	GUIL
BAFFIN B	K3	71	59.6	70	4.1	78	10	4	20	1493	X	X	GUIL
BAFFIN B	K4	72	12.8	69	15.9	78	10	4	22	1493	X	X	GUIL
BAFFIN B	L1.5	71	24.8	70	26.3	78	8	16	18	782	X	X	GUIL
BAFFIN B	L1.5	71	25.1	70	27.1	78	10	5	19	724	X	X	GUIL

BAFFIN B	M1.5	71	7.9	69	18.0	78	8	16	13	173		X	X	GUIL
BAFFIN B	M4	71	42.0	67	46.5	78	8	15	7	1491		X	X	GUIL
BAFFIN B	M1.5	71	7.5	69	17.0	78	10	5	22	152		X	X	GUIL
BAFFIN B	M13	72	29.9	72	40.5	78	10	3	19	869		X	X	GUIL
BAFFIN B	M14	71	39.8	71	8.6	78	8	14	12	234		X	X	GUIL
BAFFIN B	N1	70	40.2	68	22.5	78	8	16	5	41		X	X	GUIL
BAFFIN B	N2	70	54.9	67	39.5	78	8	16	0	273		X	X	GUIL
BAFFIN B	N3	71	7.7	66	50.9	78	8	15	20	1448		X	X	GUIL
BAFFIN B	N4	71	24.6	65	49.6	78	8	15	14	1478		X	X	GUIL
BAFFIN B	N1	70	40.5	68	23.8	78	10	6	10	42		X	X	GUIL
BAFFIN B	N2	70	54.3	67	42.7	78	10	6	14	232		X	X	GUIL
BAFFIN B	N3	71	9.3	66	59.1	78	10	6	16	1312		X	X	GUIL
BAFFIN B	N4	71	23.2	66	3.0	78	10	6	21	1497		X	X	GUIL
BAFFIN B	01	69	11.8	66	2.5	78	10	7	21	44		X	X	GUIL
BAFFIN B	02	69	34.0	65	5.1	78	10	7	18	955		X	X	GUIL
BAFFIN B	03	69	49.5	64	21.2	78	10	7	15	1419		X	X	GUIL
BAFFIN B	04	69	59.4	64	4.2	78	10	7	10	1494		X	X	GUIL
BAFFIN B	P1	68	9.3	64	18.3	78	10	8	6	123		X	X	GUIL
BAFFIN B	P2	68	18.6	63	22.0	78	10	8	10	1347		X	X	GUIL

BOTTLE/CTD DATA SET NUMBER: 78-0020
YEAR:1978 VESSEL/AGENCY: HUDSON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	20	70	34.7	67	30.7	78	9	2		219		X		X	GUIL		
BAFFIN B	27	71	33.0	68	53.8	78	9	3	4	165		X		X	GUIL		
BAFFIN B	28	71	37.4	69	18.3	78	9	3	12	600		X		X	GUIL		
BAFFIN B	29	71	43.2	69	46.7	78	9	3	19			X		X	GUIL		
BAFFIN B	30	71	49.1	70	14.6	78	9	3	21			X		X	GUIL		
BAFFIN B	31	71	40.4	70	28.9	78	9	4	4	853		X		X	GUIL		
BAFFIN B	32	71	35.3	70	2.5	78	9	4	8	695		X		X	GUIL		

BAFFIN B	33	71	29.0	69	37.0	78	9	4	12	631	X	X	GUIL
BAFFIN B	34	71	24.0	69	14.1	78	9	4	17	194	X	X	GUIL
BAFFIN B	35	71	15.0	69	24.0	78	9	4	17	122	X	X	GUIL
BAFFIN B	36	71	21.0	69	53.6	78	9	4	21	219	X	X	GUIL
BAFFIN B	37	71	26.6	70	19.5	78	9	4	23	667	X	X	GUIL
BAFFIN B	38	71	32.8	70	46.5	78	9	5	4	113	X	X	GUIL
BAFFIN B	39	71	23.8	71	5.2	78	9	5	7	130	X	X	GUIL
BAFFIN B	40	71	18.5	70	37.2	78	9	5	8	713	X	X	GUIL
BAFFIN B	41	71	9.5	70	31.2	78	9	5	14	567	X	X	GUIL
BAFFIN B	42	71	9.7	70	53.9	78	9	5	18	665	X	X	GUIL
BAFFIN B	43	71	4.0	70	28.0	78	9	6	0	601	X	X	GUIL
BAFFIN B	44	70	58.3	70	3.2	78	9	6	5	374	X	X	GUIL
BAFFIN B	45	71	10.1	70	41.1	78	9	6	10	713	X	X	GUIL
BAFFIN B	47	71	16.5	70	26.5	78	9	6	15	541	X	X	GUIL
BAFFIN B	48	71	25.2	70	46.8	78	9	6	19	62	X	X	GUIL
BAFFIN B	50	72	.8	71	33.9	78	9	7	1	759	X	X	GUIL
BAFFIN B	51	72	8.4	71	51.4	78	9	7	6	332	X	X	GUIL
BAFFIN B	52	72	15.3	72	10.8	78	9	7	9	841	X	X	GUIL
BAFFIN B	53	72	9.6	72	34.1	78	9	7	14	365	X	X	GUIL
BAFFIN B	54	72	3.0	72	59.0	78	9	7	19	100	X	X	GUIL
BAFFIN B	55	71	56.8	73	27.5	78	9	7	21	194	X	X	GUIL
BAFFIN B	56	71	55.4	72	41.1	78	9	8	1	627	X	X	GUIL
BAFFIN B	57	72	2.0	72	15.2	78	9	8	5	735	X	X	GUIL
BAFFIN B	58	71	54.1	71	53.7	78	9	8	9	322	X	X	GUIL
BAFFIN B	59	71	48.2	72	17.9	78	9	8	11	201	X	X	GUIL
BAFFIN B	60	71	43.0	72	45.0	78	9	8	15	36	X	X	GUIL
BAFFIN B	61	71	49.7	73	3.7	78	9	9	20	658	X	X	GUIL
BAFFIN B	62	71	44.4	73	28.5	78	9	9	3	287	X	X	GUIL
BAFFIN B	70	72	44.8	73	38.9	78	9	9	10		X	X	GUIL
BAFFIN B	77	73	46.0	76	.9	78	9	9	22	896	X	X	GUIL
ECLIPSE	78	73	45.3	77	59.0	78	9	10	7	20	X	X	GUIL
ECLIPSE	79	73	47.2	79	59.3	78	9	10	13	768	X	X	GUIL
BAFFIN B	80	74	1.7	80	.9	78	9	10	20	786	X	X	GUIL
BAFFIN B	1	74	17.0	80	2.4	78	9	11	0	693	X	X	GUIL
BAFFIN B	2	74	31.9	80	.6	78	9	11	5	556	X	X	GUIL
BAFFIN B	3	74	45.9	78	1.5	78	9	11	12	322	X	X	GUIL
BAFFIN B	4	74	24.5	77	58.9	78	9	11	17		X	X	GUIL
BAFFIN B	5	74	5.7	77	57.1	78	9	11	22	830	X	X	GUIL
BAFFIN B	6	74	6.9	76	.1	78	9	12	6	741	X	X	GUIL

BAFFIN B	7	74	32.2	76	4.3	78	9	12	12	550		X	X	GUIL
BAFFIN B	8	74	59.4	76	.2	78	9	12	18	415		X	X	GUIL
SMITH SD	9	76	.4	76	41.7	78	9	13	8	280		X	X	GUIL
BAFFIN B	90	75	58.1	74	20.8	78	9	13	13	380		X	X	GUIL
BAFFIN B	91	75	58.9	71	59.9	78	9	13	18	388		X	X	GUIL
BAFFIN B	92	75	.6	71	59.7	78	9	14	2			X	X	GUIL

BOTTLE/CTD DATA SET NUMBER: 78-0023
YEAR:1978 VESSEL/AGENCY:

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
DISKO IS	G5	68	8.4	57	16.0	78	8	8	20				X	X	BOTT		
DISKO IS	G5	68	8.4	57	17.0	78	8	16	16				X	X	BOTT		
DISKO IS	G5	68	8.4	57	15.1	78	8	27	14				X	X	BOTT		
DISKO IS	G4	68	.9	56	46.5	78	8	16	12				X	X	BOTT		
DISKO IS	G4	68	.5	56	46.4	78	8	8	14				X	X	BOTT		
DISKO IS	G4	68	.4	56	47.4	78	8	27	20				X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 78-0025
YEAR:1978 VESSEL/AGENCY:

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
MARM. FJ	1	71	6.4	51	14.0	78	2	9		57	58		X	X			
MARM. FJ	4	71	7.4	51	16.0	78	2	9		55	56		X	X			
MARM. FJ	10	71	8.1	51	16.8	78	2	8		117	119		X	X			
MARM. FJ	12	71	7.9	51	19.3	78	2	8		178	180		X	X			
MARM. FJ	16	71	7.2	51	25.3	78	2	7		177	180		X	X			
MARM. FJ	17	71	6.0	51	30.5	78	2	10		198	200		X	X			
MARM. FJ	TSF	71	4.5	51	23.3	78	2	10		50	57		X	X			
MARM. FJ	GGU4	71	7.4	51	16.0	78	6	27	18	58		X		X	CTD		
MARM. FJ	GGU4	71	7.4	51	16.0	78	6	28	9	67		X		X	CTD		
MARM. FJ	GGU4	71	7.4	51	16.0	78	6	29	15	42		X		X	CTD		
MARM. FJ	GGU4	71	7.4	51	16.0	78	6	30	11	42		X		X	CTD		
MARM. FJ	DHI1	71	7.4	51	16.5	78	7	2	9	30		X		X	CTD		
MARM. FJ	DHI7	71	6.3	51	13.2	78	7	2	10	29		X		X	CTD		
MARM. FJ	DHI3	71	8.0	51	17.2	78	7	2	11	78		X		X	CTD		
MARM. FJ	DHI2	71	6.8	51	25.8	78	7	2	15	95		X		X	CTD		
MARM. FJ	GGU1	71	6.4	51	14.0	78	7	25	13	57		X		X	CTD		
MARM. FJ	GGU4	71	7.4	51	16.0	78	7	25	14	47		X		X	CTD		
MARM. FJ	GGU1	71	8.1	51	16.8	78	7	25	15	92		X		X	CTD		
MARM. FJ	GGU1	71	7.2	51	25.3	78	7	25	16	92		X		X	CTD		
MARM. FJ	GGU4	71	7.4	51	16.0	78	7	26	12	67		X		X	CTD		
MARM. FJ	GGU4	71	7.4	51	16.0	78	7	27	17	42		X		X	CTD		
MARM. FJ	GGU4	71	7.4	51	16.0	78	7	28	17	45		X		X	CTD		
MARM. FJ	GGU4	71	7.4	51	16.0	78	7	29	17	40		X		X	CTD		
MARM. FJ	GGU1	71	6.4	51	14.0	78	7	30	11	56		X		X	CTD		
MARM. FJ	GGU4	71	7.4	51	16.0	78	7	30	15	46		X		X	CTD		
MARM. FJ	GGU1	71	8.1	51	16.8	78	7	30	15	90		X		X	CTD		
MARM. FJ	GGU1	71	7.2	51	25.3	78	7	30	14	90		X		X	CTD		

MARM. FJ	GGU4	71	7.4	51	16.0	78	9	26	17	62		X		X	CTD
MARM. FJ	GGU1	71	6.4	51	14.0	78	9	27	9	57		X		X	CTD
MARM. FJ	GGU4	71	7.4	51	16.0	78	9	27	10	61		X		X	CTD
MARM. FJ	GGU1	71	8.1	51	16.8	78	9	27	10	99		X		X	CTD
MARM. FJ	GGU1	71	7.2	51	25.3	78	9	27	11	98		X		X	CTD
MARM. FJ	GGU4	71	7.4	51	16.0	78	9	28	15	42		X		X	CTD
MARM. FJ	GGU4	71	7.4	51	16.0	78	9	29	10	52		X		X	CTD
MARM. FJ	GGU4	71	7.4	51	16.0	78	9	30	11	61		X		X	CTD
MARM. FJ	GGU1	71	6.4	51	14.0	78	9	30	13	55		X		X	CTD
MARM. FJ	GGU1	71	8.1	51	16.8	78	9	30	14	92		X		X	CTD
MARM. FJ	GGU1	71	7.2	51	25.3	78	9	30	16	91		X		X	CTD
MARM. FJ	GGU4	71	7.4	51	16.0	78	10	1	11	61		X		X	CTD
MARM. FJ	GGU1	71	6.4	51	14.0	78	10	1	14	51		X		X	CTD
MARM. FJ	GGU1	71	8.1	51	16.8	78	10	1	15	90		X		X	CTD
MARM. FJ	GGU1	71	7.2	51	25.3	78	10	1	15	91		X		X	CTD
MARM. FJ	GGU1	71	6.4	51	14.0	78	10	2	9	49		X		X	CTD
MARM. FJ	GGU4	71	7.4	51	16.0	78	10	2	9	55		X		X	CTD
MARM. FJ	1	71	6.4	51	14.0	78	10	12		45	50		X	X	
MARM. FJ	4	71	7.4	51	16.0	78	10	12		65	70		X	X	
MARM. FJ	10	71	8.1	51	16.8	78	10	12		100	117		X	X	
MARM. FJ	12	71	7.9	51	19.3	78	10	12		165	170		X	X	
MARM. FJ	16	71	7.2	51	25.3	78	10	12		200	210		X	X	
MARM. FJ	17	71	6.0	51	30.5	78	10	14		180	190		X	X	
MARM. FJ	18	71	4.9	51	38.5	78	10	14		700	800		X	X	
MARM. FJ	19	71	6.0	51	50.0	78	10	16		200	336		X	X	

BOTTLE/CTD DATA SET NUMBER: 79-0011
YEAR:1979 VESSEL/AGENCY: THERON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	2C	75	42.0	79	5.0	79	7	25	14	363		X		X	GUIL		
BAFFIN B	11F	74	35.0	79	22.0	79	7	21	10	498		X		X	GUIL		
BAFFIN B	11G	74	29.0	79	2.0	79	7	21	9	589		X		X	GUIL		
BAFFIN B	11E	74	32.0	78	23.4	79	7	22	4	544		X		X	GUIL		
BAFFIN B	11D	74	18.9	78	25.4	79	7	22	6	677		X		X	GUIL		
BAFFIN B	3B	74	58.0	78	46.0	79	7	24	7	435		X		X	GUIL		
BAFFIN B	3C	74	58.0	78	8.0	79	7	24	9	331		X		X	GUIL		
BAFFIN B	3D	74	58.1	77	23.9	79	7	24	11	289		X		X	GUIL		
BAFFIN B	3A	74	56.8	79	13.9	79	7	25	3	496		X		X	GUIL		
BAFFIN B	2N	75	17.0	78	9.0	79	7	25	6	439		X		X	GUIL		
BAFFIN B	2A	75	31.0	79	30.0	79	7	25	9	530		X		X	GUIL		
BAFFIN B	2B	75	37.8	79	21.5	79	7	25	12	489		X		X	GUIL		
BAFFIN B	2D	75	39.9	78	31.1	79	7	26	2	450		X		X	GUIL		
BAFFIN B	2E	75	44.2	77	11.0	79	7	26	6	217		X		X	GUIL		
BAFFIN B	2K	75	32.8	77	5.0	79	7	26	8	319		X		X	GUIL		
BAFFIN B	2M	75	17.4	77	2.5	79	7	26	11	346		X		X	GUIL		
BAFFIN B	3F	74	58.0	75	14.0	79	7	27	3	485		X		X	GUIL		
BAFFIN B	3E	74	58.0	76	28.0	79	7	27	6	333		X		X	GUIL		
BAFFIN B	12E	74	22.4	76	9.0	79	7	27	10	620		X		X	GUIL		
BAFFIN B	12D	74	11.6	76	28.0	79	7	27	13	686		X		X	GUIL		
ECLIPSE	12B	73	48.7	77	3.5	79	7	27	20	896		X		X	GUIL		
ECLIPSE	12A	73	37.1	77	24.3	79	7	27	23	808		X		X	GUIL		
ECLIPSE	11I	73	56.2	77	37.0	79	7	28	3	837		X		X	GUIL		
BAFFIN B	11H	74	3.0	78	5.4	79	7	28	6	842		X		X	GUIL		
ECLIPSE	11B	73	55.0	78	31.0	79	7	28	9	784		X		X	GUIL		
ECLIPSE	11A	73	43.4	78	31.0	79	7	28	13	886		X		X	GUIL		
ECLIPSE	11A	73	43.3	78	30.8	79	8	3	7	833		X		X	GUIL		

ECLIPSE	11B	73	55.0	78	31.0	79	8	3	10	792	X	X	GUIL
BAFFIN B	11C	74	7.2	78	29.0	79	8	3	12	802	X	X	GUIL
BAFFIN B	12C	73	59.6	76	46.0	79	8	4	7	826	X	X	GUIL
ECLIPSE	12B	73	48.6	77	3.9	79	8	4	9	895	X	X	GUIL
ECLIPSE	11I	73	56.2	77	.0	79	8	4	14	852	X	X	GUIL
BAFFIN B	11H	74	1.4	78	17.2	79	8	4	19	805	X	X	GUIL
BAFFIN B	12D	74	11.5	76	28.0	79	8	4	23	665	X	X	GUIL
BAFFIN B	12E	74	22.5	76	7.6	79	8	5	2	625	X	X	GUIL
BAFFIN B	13F	74	10.8	73	30.3	79	8	5	7	703	X	X	GUIL
BAFFIN B	13E	73	58.0	74	22.1	79	8	5	10	772	X	X	GUIL
BAFFIN B	13D	73	48.8	74	52.4	79	8	5	12	883	X	X	GUIL
BAFFIN B	13C	73	40.5	75	30.4	79	8	5	14	867	X	X	GUIL
BAFFIN B	13B	73	29.5	76	.2	79	8	5	16	942	X	X	GUIL
BAFFIN B	13A	73	21.6	76	34.3	79	8	5	18	560	X	X	GUIL
BAFFIN B	15G	72	44.3	76	22.8	79	8	7	1	578	X	X	GUIL
BAFFIN B	14B	73	.0	75	15.8	79	8	7	6	733	X	X	GUIL
BAFFIN B	14C	73	8.3	74	46.2	79	8	7	9	841	X	X	GUIL
BAFFIN B	14D	73	19.4	74	6.5	79	8	7	12	812	X	X	GUIL
BAFFIN B	14E	73	28.5	73	30.0	79	8	7	14	769	X	X	GUIL
BAFFIN B	16E	73	12.3	72	41.8	79	8	7	18	813	X	X	GUIL
BAFFIN B	16D	72	59.8	73	26.4	79	8	7	20	792	X	X	GUIL
BAFFIN B	16C	72	52.5	73	57.3	79	8	7	23	769	X	X	GUIL
BAFFIN B	16B	72	43.9	74	24.8	79	8	8	0	691	X	X	GUIL
BAFFIN B	16A	72	37.5	74	55.3	79	8	8	2	416	X	X	GUIL
BAFFIN B	17B	72	19.0	73	17.8	79	8	8	7	213	X	X	GUIL
BAFFIN B	17C	72	23.5	73	.3	79	8	8	8	707	X	X	GUIL
BAFFIN B	17D	72	33.0	72	32.0	79	8	8	10	840	X	X	GUIL
BAFFIN B	18F	72	12.6	69	19.4	79	8	9	4	1351	X	X	GUIL
BAFFIN B	18E	72	1.6	69	57.8	79	8	9	7	1220	X	X	GUIL
BAFFIN B	18D	71	47.9	70	43.0	79	8	9	10	1090	X	X	GUIL
BAFFIN B	18C	71	44.6	70	53.5	79	8	9	12	516	X	X	GUIL
BAFFIN B	17E	72	44.6	71	46.9	79	8	9	23	1052	X	X	GUIL
BAFFIN B	14F	73	42.9	72	38.7	79	8	10	7	865	X	X	GUIL
ECLIPSE	15C	73	5.9	80	20.0	79	8	16	9	241	X	X	GUIL
SMITH SD	2H	76	5.9	71	39.7	79	8	18	23	458	X	X	GUIL
BAFFIN B	2E	75	43.6	77	12.0	79	8	20	17	211	X	X	GUIL
BAFFIN B	2A	75	30.9	79	30.4	79	8	21	7	532	X	X	GUIL
BAFFIN B	3F	74	56.9	75	10.4	79	8	21	18	453	X	X	GUIL
BAFFIN B	3E	74	57.7	76	29.6	79	8	21	21	321	X	X	GUIL

BAFFIN B	3D	74	57.7	77	27.3	79	8	22	1	283	X	X	GUIL
BAFFIN B	3C	74	57.9	78	1.7	79	8	22	3	335	X	X	GUIL
BAFFIN B	3B	74	57.8	78	44.0	79	8	22	6	418	X	X	GUIL
BAFFIN B	3A	74	57.9	79	4.5	79	8	22	7	449	X	X	GUIL
BAFFIN B	11F	74	34.9	79	21.6	79	8	22	10	471	X	X	GUIL
BAFFIN B	13A	73	21.8	76	33.9	79	8	25	23	617	X	X	GUIL
BAFFIN B	13B	73	31.7	76	26.0	79	8	26	1	885	X	X	GUIL
BAFFIN B	13C	73	39.7	75	27.0	79	8	26	5	855	X	X	GUIL
BAFFIN B	13D	73	49.2	74	54.7	79	8	26	7	875	X	X	GUIL
BAFFIN B	13E	73	58.8	74	21.5	79	8	26	10	746	X	X	GUIL
BAFFIN B	13F	74	11.9	73	37.4	79	8	26	13	689	X	X	GUIL
BAFFIN B	14A	72	49.1	75	48.0	79	8	28	21	349	X	X	GUIL
BAFFIN B	17A	72	8.5	73	53.5	79	8	29	8	81	X	X	GUIL
BAFFIN B	17B	72	19.0	73	17.5	79	8	29	10	209	X	X	GUIL
BAFFIN B	17C	72	23.7	73	.5	79	8	29	11	647	X	X	GUIL
BAFFIN B	17D	72	35.1	72	33.7	79	8	29	13	801	X	X	GUIL
BAFFIN B	16D	72	59.9	73	27.9	79	8	29	22	787	X	X	GUIL
BAFFIN B	12E	74	23.0	76	14.4	79	8	31	0	617	X	X	GUIL
BAFFIN B	11E	74	32.1	78	24.2	79	8	31	18	569	X	X	GUIL
ECLIPSE	11B	73	55.1	78	30.8	79	9	1	0	754	X	X	GUIL
BAFFIN B	11G	74	29.6	79	6.1	79	9	1	14	596	X	X	GUIL
BAFFIN B	14B	73	.2	75	13.8	79	10	1	1	691	X	X	GUIL
BAFFIN B	17A	72	8.4	73	53.3	79	10	4	14	52	X	X	GUIL
ECLIPSE	15A	73	30.9	82	40.9	79	9	10	15	302	X	X	GUIL
ECLIPSE	15D	72	46.6	79	53.2	79	9	10	23	151	X	X	GUIL
BAFFIN B	15G	72	46.8	76	23.7	79	9	12	0	590	X	X	GUIL
BAFFIN B	3A	74	58.0	79	12.6	79	9	18	18	474	X	X	GUIL
BAFFIN B	17B	72	18.9	73	17.7	79	10	4	15	193	X	X	GUIL
BAFFIN B	17E	72	45.2	71	44.0	79	10	4	21	1009	X	X	GUIL
BAFFIN B	18C	71	44.5	70	53.7	79	10	5	14	465	X	X	GUIL
BAFFIN B	19A	70	53.2	69	7.0	79	10	5	22	149	X	X	GUIL
BAFFIN B	19D	71	13.5	67	53.2	79	10	6	4	947	X	X	GUIL
BAFFIN B	20A	70	5.7	66	52.2	79	10	9	14	30	X	X	GUIL
BAFFIN B	20D	70	26.1	65	22.8	79	10	10	0	1302	X	X	GUIL
BAFFIN B	21C	69	10.6	65	3.8	79	10	10	16	469	X	X	GUIL
BAFFIN B	22A	67	45.6	63	33.5	79	10	11	7	233	X	X	GUIL
BAFFIN B	22D	68	4.8	62	26.3	79	10	11	14	1270	X	X	GUIL
BAFFIN B	23F	67	.0	59	17.8	79	10	12	8	1049	X	X	GUIL
BAFFIN B	23C	66	46.3	60	37.6	79	10	12	16	465	X	X	GUIL

BAFFIN B	11F	74	35.6	79	20.5	79	9	19	3	507		X	X GUIL
BAFFIN B	2M	75	17.3	77	2.1	79	9	26	19	330		X	X GUIL
BAFFIN B	11D	74	19.0	78	26.8	79	9	28	18	611		X	X GUIL
BAFFIN B	13C	73	40.1	75	17.7	79	9	30	3	886		X	X GUIL
BAFFIN B	14F	73	43.0	72	39.3	79	9	30	16	669		X	X GUIL
BAFFIN B	6F	74	11.0	79	39.8	79	7	19	19	779		X	X GUIL
BAFFIN B	2L	75	17.3	75	56.0	79	7	26	14	388		X	X GUIL
BAFFIN B	12C	75	58.4	76	41.3	79	7	27	15	758		X	X GUIL
BAFFIN B	11G	74	31.0	79	12.5	79	8	3	16	537		X	X GUIL
BAFFIN B	11E	74	32.9	78	29.3	79	8	3	19	508		X	X GUIL
BAFFIN B	11D	74	19.9	78	23.7	79	8	3	21	683		X	X GUIL
ECLIPSE	12A	73	37.2	77	22.0	79	8	4	11	1078		X	X GUIL
ECLIPSE	15F	72	48.0	77	34.0	79	8	6	23	599		X	X GUIL
BAFFIN B	14A	72	51.2	75	27.8	79	8	7	4	385		X	X GUIL
BAFFIN B	18B	71	40.9	71	4.6	79	8	9	13	225		X	X GUIL
ECLIPSE	15E	72	34.5	79	10.6	79	8	16	4	675		X	X GUIL
ECLIPSE	15D	72	47.0	79	53.9	79	8	16	7	130		X	X GUIL
ECLIPSE	15B	73	26.5	81	2.2	79	8	16	12	301		X	X GUIL
SMITH SD	2J	76	11.4	70	7.1	79	8	18	19	219		X	X GUIL
SMITH SD	2I	76	9.2	70	37.9	79	8	18	21	625		X	X GUIL
BAFFIN B	2G	75	59.9	73	14.0	79	8	19	3	337		X	X GUIL
JONES SD	1D1	76	14.5	82	13.0	79	8	19	23	679		X	X GUIL
JONES SD	1C	76	6.7	82	33.5	79	8	20	1	764		X	X GUIL
SMITH SD	1G	76	13.7	72	20.6	79	8	20	10	154		X	X GUIL
SMITH SD	1F	76	9.5	79	12.3	79	8	20	11	101		X	X GUIL
BAFFIN B	2K	75	32.0	77	5.1	79	8	20	20	321		X	X GUIL
BAFFIN B	2D	75	40.1	78	29.1	79	8	20	23	430		X	X GUIL
BAFFIN B	2B	75	36.2	79	27.1	79	8	21	2	465		X	X GUIL
BAFFIN B	2C	75	40.9	79	15.3	79	8	21	3	489		X	X GUIL
BAFFIN B	2N	75	17.6	78	9.0	79	8	21	10	374		X	X GUIL
BAFFIN B	2M	75	17.2	77	2.0	79	8	21	12	331		X	X GUIL
BAFFIN B	2L	75	17.3	75	55.0	79	8	21	14	337		X	X GUIL
BAFFIN B	3D	74	57.7	77	27.3	79	8	22	1	281		X	X GUIL
BAFFIN B	14F	73	43.0	72	39.1	79	8	26	17	857		X	X GUIL
BAFFIN B	14E	73	28.7	73	29.5	79	8	26	20	841		X	X GUIL
BAFFIN B	15G	72	44.2	76	22.8	79	8	15	13	537		X	X GUIL
BAFFIN B	16B	74	45.1	74	32.4	79	8	27	8	694		X	X GUIL
BAFFIN B	14B	73	.0	75	14.9	79	8	28	22	777		X	X GUIL
BAFFIN B	16E	73	7.8	72	57.9	79	8	29	20	666		X	X GUIL

BAFFIN B	16C	72	51.8	73	56.2	79	8	30	0	758	X	X	GUIL
BAFFIN B	20	75	16.9	79	13.3	79	8	31	8	558	X	X	GUIL
BAFFIN B	11D	74	19.0	78	25.2	79	8	31	20	667	X	X	GUIL
BAFFIN B	11C	74	7.6	78	31.3	79	8	31	22	758	X	X	GUIL
ECLIPSE	11A	73	43.3	78	33.3	79	9	1	3	595	X	X	GUIL
ECLIPSE	15F	72	48.0	77	34.0	79	8	15	17	937	X	X	GUIL
BAFFIN B	14D	73	20.0	74	4.4	79	8	30	7	896	X	X	GUIL
BAFFIN B	16A	72	37.1	74	52.8	79	8	27	5	393	X	X	GUIL
ECLIPSE	11I	73	56.4	77	39.7	79	9	1	8	807	X	X	GUIL
BAFFIN B	11H	74	2.9	78	4.9	79	9	1	10	835	X	X	GUIL
BAFFIN B	11F	74	35.5	79	20.4	79	9	1	16	409	X	X	GUIL
BAFFIN B	6F	74	11.1	79	40.2	79	9	2	3	726	X	X	GUIL
ECLIPSE	15B	73	27.6	81	2.0	79	9	10	17	275	X	X	GUIL
ECLIPSE	15C	73	5.8	80	20.2	79	9	10	20	190	X	X	GUIL
ECLIPSE	15E	72	34.1	79	13.1	79	9	11	1	597	X	X	GUIL
ECLIPSE	15F	72	48.1	77	31.1	79	9	11	21	847	X	X	GUIL
BAFFIN B	2C	75	42.0	79	5.0	79	9	18	1	389	X	X	GUIL
BAFFIN B	2B	75	37.7	79	21.4	79	9	18	3	489	X	X	GUIL
BAFFIN B	2A	75	30.9	79	30.0	79	9	18	9	493	X	X	GUIL
BAFFIN B	11G	74	30.2	79	5.5	79	9	19	0	621	X	X	GUIL
BAFFIN B	2D	75	41.4	78	27.9	79	9	24	13	335	X	X	GUIL
BAFFIN B	2E	75	44.2	77	10.6	79	9	24	17	211	X	X	GUIL
BAFFIN B	2K	75	32.9	77	4.6	79	9	24	19	320	X	X	GUIL
BAFFIN B	2O	75	16.3	79	9.0	79	9	25	14	553	X	X	GUIL
BAFFIN B	3C	74	58.1	78	8.1	79	9	25	18	329	X	X	GUIL
BAFFIN B	3D	74	58.2	77	23.4	79	9	25	21	286	X	X	GUIL
BAFFIN B	3F	74	58.2	75	11.2	79	9	26	1	441	X	X	GUIL
BAFFIN B	2L	75	17.3	75	55.1	79	9	26	15	359	X	X	GUIL
BAFFIN B	2N	75	17.5	78	8.5	79	9	26	21	389	X	X	GUIL
BAFFIN B	11H	74	2.2	78	10.5	79	9	27	22	811	X	X	GUIL
ECLIPSE	11B	73	54.9	78	30.7	79	9	28	0	723	X	X	GUIL
ECLIPSE	11A	73	42.7	78	26.0	79	9	28	2	881	X	X	GUIL
ECLIPSE	11I	73	56.2	77	37.6	79	9	28	11	775	X	X	GUIL
BAFFIN B	11C	74	7.2	78	28.4	79	9	28	16	739	X	X	GUIL
BAFFIN B	11E	74	31.9	78	24.5	79	9	28	20	495	X	X	GUIL
BAFFIN B	18F	72	12.5	69	19.0	79	10	4	15	1946	X	X	GUIL
BAFFIN B	12D	74	11.6	76	27.8	79	9	30	2	593	X	X	GUIL
BAFFIN B	12C	74	.3	76	45.5	79	9	29	10	738	X	X	GUIL
ECLIPSE	12A	73	37.3	77	24.0	79	9	29	15	948	X	X	GUIL

BAFFIN B	13A	74	22.0	76	35.0	79	9	29	22	519	X	X	GUIL
BAFFIN B	13B	73	29.8	76	1.0	79	9	29	24	833	X	X	GUIL
BAFFIN B	13D	73	39.4	74	58.4	79	9	30	10	815	X	X	GUIL
BAFFIN B	13E	73	58.7	74	21.7	79	9	30	12	700	X	X	GUIL
BAFFIN B	14E	73	28.8	73	29.5	79	9	30	18	773	X	X	GUIL
BAFFIN B	14D	73	19.2	74	4.8	79	9	30	21	820	X	X	GUIL
BAFFIN B	14C	73	9.7	74	39.9	79	9	30	23	815	X	X	GUIL
BAFFIN B	14A	72	52.4	75	49.6	79	10	1	11	396	X	X	GUIL
BAFFIN B	17C	72	22.7	73	11.0	79	10	4	16	468	X	X	GUIL
BAFFIN B	17D	72	32.8	72	29.3	79	10	4	18	806	X	X	GUIL
BAFFIN B	18E	72	.4	70	1.0	79	10	5	7	1771	X	X	GUIL
BAFFIN B	18D	71	47.8	70	42.8	79	10	5	12	878	X	X	GUIL
BAFFIN B	12E	74	22.5	76	9.6	79	9	29	1	570	X	X	GUIL
BAFFIN B	18B	71	40.6	71	6.9	79	10	5	15	194	X	X	GUIL
BAFFIN B	18A	71	35.3	71	24.7	79	10	5	16	88	X	X	GUIL
BAFFIN B	19B	71	5.9	68	20.7	79	10	6	0	165	X	X	GUIL
BAFFIN B	19C	71	11.4	68	3.2	79	10	6	3	508	X	X	GUIL
BAFFIN B	19E	71	29.0	67	4.2	79	10	6	7	1962	X	X	GUIL
BAFFIN B	18F	72	12.5	69	19.0	79	10	4	15	1988	X	X	GUIL
BAFFIN B	21E	69	39.4	63	1.0	79	10	7	17	1858	X	X	GUIL
BAFFIN B	20B	70	14.7	66	11.4	79	10	9	19	85	X	X	GUIL
BAFFIN B	20C	70	19.7	65	48.7	79	10	9	21	809	X	X	GUIL
BAFFIN B	20E	70	39.4	64	21.4	79	10	10	4	2008	X	X	GUIL
BAFFIN B	21D	69	20.1	64	20.6	79	10	10	13	1060	X	X	GUIL
BAFFIN B	21B	69	3.0	65	38.3	79	10	10	18	432	X	X	GUIL
BAFFIN B	21A	68	51.0	66	23.5	79	10	10	21	708	X	X	GUIL
BAFFIN B	22B	67	53.2	63	6.6	79	10	11	9	262	X	X	GUIL
BAFFIN B	22C	67	58.4	62	49.6	79	10	11	11	999	X	X	GUIL
BAFFIN B	22E	68	19.8	61	33.2	79	10	11	18	1576	X	X	GUIL
BAFFIN B	23G	67	8.8	58	25.3	79	10	12	5	1093	X	X	GUIL
BAFFIN B	23E	66	53.9	59	54.8	79	10	12	11	774	X	X	GUIL
BAFFIN B	23D	66	49.5	60	19.5	79	10	12	14	515	X	X	GUIL
BAFFIN B	23B	66	41.7	60	59.1	79	10	12	19	273	X	X	GUIL
BAFFIN B	23A	65	40.5	61	13.0	79	10	12	19	65	X	X	GUIL
ECLIPSE	12B	73	49.0	77	4.9	79	9	29	12	812	X	X	GUIL
BAFFIN B	3B	74	56.4	78	54.9	79	9	18	15	390	X	X	GUIL

BOTTLE/CTD DATA SET NUMBER: 79-0015
YEAR:1979 VESSEL/AGENCY: ZODIAC

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	CF1	73	33.4	77	23.0	79	8	28	23	30				X	AMS		
BAFFIN B	CF2	73	33.6	77	23.0	79	8	28	23	39				X	AMS		
BAFFIN B	CF3	73	33.9	77	22.5	79	8	28	23	202				X	AMS		
BAFFIN B	CF4	73	34.3	77	22.5	79	8	28	23	250				X	AMS		
BAFFIN B	CF5	73	34.7	77	22.0	79	8	29	0	250				X	AMS		
BAFFIN B	CF6	73	35.1	77	27.5	79	8	29	1	250				X	AMS		
BAFFIN B	CF7	73	34.7	77	28.0	79	8	29	1	250				X	AMS		
BAFFIN B	CF8	73	34.2	77	29.0	79	8	29	2	31				X	AMS		

BOTTLE/CTD DATA SET NUMBER: 79-0023
YEAR:1979 VESSEL/AGENCY: DANISH

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
MARM. FJ	1	71	6.4	51	14.0	79	3	21		50	52		X	X			
MARM. FJ	4	71	7.4	51	16.0	79	3	21		63	65		X	X			
MARM. FJ	10	71	8.1	51	16.8	79	3	21		70	75		X	X			
MARM. FJ	12	71	7.9	51	19.3	79	3	21		180	186		X	X			
MARM. FJ	16	71	7.2	51	25.3	79	3	20		180	188		X	X			
MARM. FJ	17	71	6.0	51	30.5	79	3	20		145	152		X	X			

BOTTLE/CTD DATA SET NUMBER: 80-0007
YEAR:1980 VESSEL/AGENCY: HUDSON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR INT HR	NO
DISKO IS	5	68	2.9	56	15.2	80	7	28	18			X		X		
BAFFIN B	6	71	12.6	58	35.9	80	7	28	12			X		X		
MELV BAY	7	74	55.3	64	31.0	80	7	29	16			X		X		
MELV BAY	8	75	26.0	65	52.5	80	7	29	23			X		X		
SMITH SD	9	76	8.7	68	33.8	80	7	30	13			X		X		
BAFFIN B	10	75	40.1	69	21.9	80	7	31	0			X		X		
BAFFIN B	11	75	46.4	69	3.2	80	7	31	11			X		X		
BAFFIN B	12	75	43.9	69	13.7	80	7	31	16			X		X		
BAFFIN B	13	75	11.1	67	21.0	80	8	1	0			X		X		
BAFFIN B	14	75	15.5	67	25.9	80	8	1	1			X		X		
BAFFIN B	15	75	20.3	67	28.0	80	8	1	3			X		X		
BAFFIN B	16	75	25.0	67	32.8	80	8	1	4			X		X		
BAFFIN B	17	75	29.8	67	37.5	80	8	1	5			X		X		
BAFFIN B	18	75	34.7	67	43.2	80	8	1	7			X		X		
BAFFIN B	19	75	39.5	67	47.8	80	8	1	8			X		X		
BAFFIN B	20	75	44.6	67	54.0	80	8	1	9			X		X		
BAFFIN B	21	75	48.8	68	1.7	80	8	1	10			X		X		
BAFFIN B	22	75	54.0	68	4.0	80	8	1	11			X		X		
BAFFIN B	23	75	58.8	68	5.6	80	8	1	14			X		X		
SMITH SD	24	76	1.8	68	12.8	80	8	1	16			X		X		
SMITH SD	25	76	8.7	68	35.0	80	8	2	12			X		X		
SMITH SD	26	76	1.0	68	25.5	80	8	3	0			X		X		
BAFFIN B	27	75	56.6	68	35.0	80	8	3	1			X		X		
BAFFIN B	28	75	52.0	68	45.0	80	8	3	2			X		X		
BAFFIN B	29	75	47.6	68	54.5	80	8	3	4			X		X		
BAFFIN B	30	75	43.2	69	4.2	80	8	3	5			X		X		
BAFFIN B	31	75	38.8	69	14.3	80	8	3	7			X		X		

BAFFIN B	32	75	34.5	69	22.5	80	8	3	8	X	X
BAFFIN B	33	75	.0	69	.0	80	8	3	9	X	X
BAFFIN B	34	75	25.4	69	42.4	80	8	3	11	X	X
BAFFIN B	35	75	21.5	69	50.3	80	8	3	12	X	X
BAFFIN B	36	75	19.0	71	9.5	80	8	3	17	X	X
BAFFIN B	37	75	17.5	72	25.0	80	8	3	21	X	X
BAFFIN B	38	75	8.7	73	35.7	80	8	4	0	X	X
BAFFIN B	39	75	5.5	74	51.6	80	8	4	2	X	X
BAFFIN B	40	75	2.0	76	13.9	80	8	4	5	X	X
BAFFIN B	41	75	1.6	76	33.0	80	8	4	6	X	X
BAFFIN B	42	75	.9	76	51.0	80	8	4	7	X	X
BAFFIN B	43	74	59.9	77	11.4	80	8	4	8	X	X
BAFFIN B	44	74	59.0	77	32.5	80	8	4	9	X	X
BAFFIN B	45	74	57.8	77	45.8	80	8	4	10	X	X
BAFFIN B	46	74	57.0	78	8.2	80	8	4	11	X	X
BAFFIN B	47	74	56.3	78	22.5	80	8	4	13	X	X
BAFFIN B	48	74	55.5	78	46.8	80	8	4	14	X	X
BAFFIN B	49	74	54.7	79	6.8	80	8	4	15	X	X
ECLIPSE	79	72	42.0	78	54.2	80	8	10	11	X	X
ECLIPSE	80	72	42.0	78	2.5	80	8	11	21	X	X
ECLIPSE	127	73	33.8	77	22.7	80	8	20	10	X	X
ECLIPSE	128	73	38.0	77	10.5	80	8	20	12	X	X
BAFFIN B	129	73	40.7	76	59.0	80	8	20	14	X	X
BAFFIN B	130	73	44.5	76	47.0	80	8	20	19	X	X
BAFFIN B	131	73	48.2	76	35.0	80	8	20	20	X	X
BAFFIN B	132	73	51.7	76	23.0	80	8	20	22	X	X
BAFFIN B	133	73	55.9	76	13.8	80	8	21	0	X	X
BAFFIN B	134	73	59.0	76	1.0	80	8	21	1	X	X
SMITH SD	135	76	6.0	75	37.4	80	8	21	3	X	X
BAFFIN B	136	74	42.2	73	36.5	80	8	21	8	X	X
ECLIPSE	141	73	46.8	79	26.0	80	8	21	19	X	X
JONES SD	142	75	47.7	81	3.9	80	8	22	0	X	X
JONES SD	143	75	51.9	81	5.5	80	8	22	1	X	X
JONES SD	144	75	56.6	81	5.5	80	8	22	2	X	X
JONES SD	145	76	1.5	81	5.0	80	8	22	3	X	X
JONES SD	146	76	6.9	81	4.3	80	8	22	3	X	X
JONES SD	147	76	20.0	83	.0	80	8	22	7	X	X
JONES SD	154	76	32.0	84	57.5	80	8	23	12	X	X
JONES SD	146	76	6.2	81	4.5	80	8	24	6	X	X

JONES SD	145	76	1.3	81	5.0	80	8	24	7			X	X
JONES SD	144	75	56.8	81	5.0	80	8	24	8			X	X
JONES SD	143	75	52.0	81	5.0	80	8	24	10			X	X
JONES SD	142	75	52.0	81	5.0	80	8	24	10			X	X
BAFFIN B	155	75	47.0	79	32.0	80	8	24	15			X	X
SMITH SD	148	78	19.4	74	56.0	80	8	25	12			X	X
SMITH SD	149	78	17.8	74	34.3	80	8	25	14			X	X
SMITH SD	150	78	15.5	74	12.0	80	8	25	18			X	X
SMITH SD	151	78	14.0	73	42.0	80	8	25	21			X	X
SMITH SD	152	78	12.0	73	13.0	80	8	25	22			X	X
ECLIPSE	153	73	4.0	78	10.5	80	8	25	23			X	X
NARES ST	156	79	46.6	69	29.5	80	8	26	11			X	X
NARES ST	157	79	22.5	70	46.0	80	8	26	18			X	X

BOTTLE/CTD DATA SET NUMBER: 80-0008
YEAR:1980 VESSEL/AGENCY: POLAR HAV

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	A1	74	54.6	79	24.6	80	8	5	20	146				X	AMS		
BAFFIN B	A2	74	55.6	78	56.8	80	8	5	17	487				X	AMS		
BAFFIN B	A3	74	52.0	78	36.2	80	8	5	16	225				X	AMS		
BAFFIN B	A4	74	52.8	78	15.0	80	8	5	14	175		X		X	AMS		
BAFFIN B	A5	74	53.2	77	58.0	80	8	5	13	300		X		X	AMS		
BAFFIN B	A6	74	54.6	77	20.0	80	8	5	11	250		X		X	AMS		
BAFFIN B	A1	74	58.5	79	15.0	80	9	4	22	100			X	X	BOTT		
BAFFIN B	A2	74	58.5	79	.0	80	9	4	19	400			X	X	BOTT		
BAFFIN B	A3	74	58.5	78	39.3	80	9	4	18	300			X	X	BOTT		
BAFFIN B	A4	74	58.5	78	20.0	80	9	4	16	300			X	X	BOTT		
BAFFIN B	A5	74	58.5	78	30.0	80	9	4	13	300			X	X	BOTT		
BAFFIN B	A6	74	58.5	77	24.1	80	9	4	11	250			X	X	BOTT		
BAFFIN B	A7	74	17.5	79	16.0	80	9	5	2	400			X	X	BOTT		

BAFFIN B	A8	74	17.5	78	54.0	80	9	5	4	400			X	X BOTT
BAFFIN B	A9	74	17.5	78	28.0	80	9	5	6	400			X	X BOTT
BAFFIN B	A10	74	17.5	78	9.0	80	9	5	14	300			X	X BOTT
SMITH SD	A11	76	16.2	77	34.0	80	9	5	11	300			X	X BOTT
BAFFIN B	A1	74	59.0	79	16.9	80	10	2	24	400	X			X AMS
BAFFIN B	A2	74	58.5	79	.0	80	10	4	14	400	X			X AMS
BAFFIN B	A3	74	57.1	78	43.3	80	10	4	17	300	X			X AMS
BAFFIN B	A4	74	57.6	78	24.1	80	10	4	19	300	X			X AMS
BAFFIN B	A5	74	58.5	78	2.4	80	10	4	21	250	X			X AMS
BAFFIN B	A6	74	59.1	77	22.5	80	10	5	0	250	X			X AMS
BAFFIN B	A7	75	17.0	79	16.2	80	10	3	23	300	X			X AMS
BAFFIN B	A8	75	17.5	78	54.0	80	10	4	3	500	X			X AMS
BAFFIN B	A9	75	17.5	78	28.0	80	10	5	9	400	X			X AMS
BAFFIN B	A10	75	17.6	78	10.0	80	10	5	7	300	X			X AMS
BAFFIN B	A11	75	17.5	77	2.0	80	10	5	4	300	X			X AMS

BOTTLE/CTD DATA SET NUMBER: 80-0017
YEAR:1980 VESSEL/AGENCY: HUDSON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
BAFFIN B	1	73	42.5	67	15.8	80	9	1	13	348		X		X	GUIL	
BAFFIN B	2	72	48.2	66	28.2	80	9	2	11	410		X		X	GUIL	
BAFFIN B	3	71	50.0	67	.5	80	9	2	13	250		X		X	GUIL	
BAFFIN B	4	71	49.7	72	54.9	80	9	4	6	386		X		X	GUIL	
BAFFIN B	5	71	46.5	73	16.5	80	9	4	8	677		X		X	GUIL	
BAFFIN B	6	71	49.5	73	4.0	80	9	4	10	603		X		X	GUIL	
BAFFIN B	9	71	53.5	73	14.0	80	9	5	0	585		X		X	GUIL	
BAFFIN B	10	71	52.7	72	50.4	80	9	5	2	627		X		X	GUIL	
BAFFIN B	11	71	47.5	71	41.1	80	9	5	11	220		X		X	GUIL	
BAFFIN B	12	71	35.0	71	23.2	80	9	5	13	140		X		X	GUIL	
BAFFIN B	13	71	33.7	70	25.8	80	9	5	19	283		X		X	GUIL	

BAFFIN B	14	71	30.7	70	12.4	80	9	5	21	660	X	X	GUIL
BAFFIN B	15	71	28.2	69	59.0	80	9	5	22	493	X	X	GUIL
BAFFIN B	16	71	25.7	69	45.6	80	9	5	24	229	X	X	GUIL
BAFFIN B	17	71	24.9	69	56.0	80	9	6	1	250	X	X	GUIL
BAFFIN B	19	71	25.9	70	2.4	80	9	6	3	292	X	X	GUIL
BAFFIN B	21	71	27.4	70	8.4	80	9	6	6	594	X	X	GUIL
BAFFIN B	23	71	28.9	70	16.2	80	9	6	8	653	X	X	GUIL
BAFFIN B	25	71	29.8	70	23.5	80	9	6	11	582	X	X	GUIL
BAFFIN B	26	71	29.2	70	34.0	80	9	6	12	243	X	X	GUIL
BAFFIN B	27	71	27.9	70	25.8	80	9	6	14	680	X	X	GUIL
BAFFIN B	28	71	28.4	70	20.5	80	9	6	15	713	X	X	GUIL
BAFFIN B	29	71	26.4	70	20.3	80	9	6	17	631	X	X	GUIL
BAFFIN B	31	71	25.3	70	13.9	80	9	6	20	635	X	X	GUIL
BAFFIN B	33	71	23.7	70	7.4	80	9	6	22	360	X	X	GUIL
BAFFIN B	35	71	22.7	70	.4	80	9	7	0	197	X	X	GUIL
BAFFIN B	36	71	21.4	69	53.5	80	9	7	0	207	X	X	GUIL
BAFFIN B	37	71	20.6	70	4.2	80	9	7	2	112	X	X	GUIL
BAFFIN B	39	71	21.9	70	10.7	80	9	7	3	252	X	X	GUIL
BAFFIN B	41	71	23.4	70	18.1	80	9	7	5	677	X	X	GUIL
BAFFIN B	43	71	25.0	70	24.4	80	9	7	7	703	X	X	GUIL
BAFFIN B	45	71	26.1	70	30.8	80	9	7	10	515	X	X	GUIL
BAFFIN B	48	71	25.1	70	41.8	80	9	7	23	220	X	X	GUIL
BAFFIN B	50	71	12.5	69	3.4	80	9	8	23	475	X	X	GUIL
BAFFIN B	51	71	16.3	70	57.0	80	9	9	0	593	X	X	GUIL
BAFFIN B	52	71	20.2	70	47.1	80	9	9	3	638	X	X	GUIL
BAFFIN B	53	71	22.6	70	28.4	80	9	9	6	722	X	X	GUIL
BAFFIN B	54	71	19.0	70	14.5	80	9	9	8	200	X	X	GUIL
BAFFIN B	55	71	17.0	70	3.7	80	9	9	9	128	X	X	GUIL
BAFFIN B	56	71	15.7	70	30.1	80	9	9	13	690	X	X	GUIL
BAFFIN B	59	71	11.0	70	35.3	80	9	10	3	713	X	X	GUIL
BAFFIN B	60	71	4.8	70	23.5	80	9	10	6	566	X	X	GUIL
BAFFIN B	61	71	51.6	71	32.9	80	9	10	19	365	X	X	GUIL
BAFFIN B	62	71	47.3	71	19.1	80	9	10	20	310	X	X	GUIL
BAFFIN B	63	71	44.2	71	6.4	80	9	10	21	338	X	X	GUIL
BAFFIN B	64	71	40.0	71	13.9	80	9	10	22	226	X	X	GUIL
BAFFIN B	65	71	43.8	71	27.0	80	9	10	23	214	X	X	GUIL
BAFFIN B	67	71	38.8	71	56.5	80	9	11	2	125	X	X	GUIL
BAFFIN B	68	71	42.9	71	49.4	80	9	11	3	155	X	X	GUIL
BAFFIN B	69	71	47.3	71	56.9	80	9	11	4	585	X	X	GUIL

BAFFIN B	70	71	36.3	70	1.5	80	9	11	9	238		X	X	GUIL
BAFFIN B	71	71	31.1	71	9.0	80	9	11	11	198		X	X	GUIL

11.2 CURRENT METER DATA

The listings contain the following information:

AREA	General area of station.
STN	Station number; wherever possible it is the station number assigned in the original data source. Multiple meters are differentiated as 1.1, 1.2, 1.3, for example.
LAT, LONG	In degrees and minutes.
START/STOP	Year, month and day instrument recorded over.
EFF LEN	Effective record length, days of both speed and direction data.
DT (MN)	Sampling rate in minutes.
DEPTHS-INSTR/WATER	Instrument and water depth, in metres.
INSTR TYPE	Instrument type: AAND - Aanderaa RCM-4 CUSH - Cushing electromagnetic M-MC - Marsh McBirney electromagnetic ENDE - Endeco HYDR - Hydrowerstatten BR - Braincon type 206 meter GEOD - Geodyne RICH - Richardson
ADDIT SENSOR	Other parameters measured - pressure, temperature, conductivity. Each measurement is qualified by one of the following: X - measurements of this parameter were made CA - possible calibration problems S - suspect readings C - constant readings 0 - zero or obviously bad readings L - frequent speeds below the stall speed

Blank entries indicate unavailable or inapplicable data.
? implies suspect data, but the only/best available.

CURRENT METER DATA SET NUMBER: 63-0005
YEAR:1963 VESSEL/AGENCY: EVERGREEN

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
SMITH SD	108	78	25.0	73	8.0	63	7	28	63	7	28	1	10	50		RICH			
SMITH SD	108	78	25.0	73	8.0	63	7	28	63	7	30	3	10	150		RICH			
SMITH SD	108	78	25.0	73	8.0	63	7	28	63	7	30	0	10	250		RICH			
SMITH SD	109	78	27.0	73	45.0	63	7	28	63	7	30	0	10	150		RICH			
SMITH SD	109	78	27.0	73	45.0	63	7	28	63	7	30	0	10	250		RICH			
SMITH SD	109	78	27.0	73	45.0	63	7	28	63	7	30	3	10	350		RICH			
SMITH SD	110	78	28.0	74	14.0	63	7	28	63	7	28	1	10	150		RICH			
SMITH SD	110	78	28.0	74	14.0	63	7	28	63	7	30	0	10	250		RICH			

CURRENT METER DATA SET NUMBER: 68-0007
YEAR:1968 VESSEL/AGENCY: WESTWIND

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
SMITH SD	171	76	37.2	74	7.0	68	9	8	68	9	22	11	10	100	620	BRAI			
SMITH SD	171	76	37.2	74	7.0	68	9	8	68	9	22			300	620	GEOD			
SMITH SD	172	77	7.0	72	28.0	68	9	7	68	9	18	11	10	100	620	BRAI			
SMITH SD	172	77	7.0	72	28.0	68	9	7	68	9	18			300	620	GEOD			

CURRENT METER DATA SET NUMBER: 69-0005
YEAR:1969 VESSEL/AGENCY: KB2 ICE ISLAND

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P T C
KANE BASIN	KB2	79	16.0	72	48.0	69	5	3	69	5	20	16		50	237	BRAI	

CURRENT METER DATA SET NUMBER: 71-0012
YEAR:1971 VESSEL/AGENCY: FIXED STATIONS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P T C
ROBESON CH	1	82	2.4	61	17.0	71	5	3	71	6	7	34	60	50	611	BRAI	
ROBESON CH	1	82	2.0	61	3.6	71	4	29	71	6	7	31	60	2	582	BRAI	
ROBESON CH	1	82	2.0	61	3.6	71	4	29	71	6	7	28	60	7	582	BRAI	
ROBESON CH	1	82	2.0	61	3.6	71	4	29	71	6	7	18	60	20	582	BRAI	
ROBESON CH	1	82	2.0	61	3.6	71	4	29	71	6	7	18	60	50	582	BRAI	
ROBESON CH	1	82	2.0	61	3.6	71	4	25	71	6	7	42	60	75	582	BRAI	
ROBESON CH	1	82	1.6	61	57.0	71	5	23	71	6	7	45	60	50	454	BRAI	

CURRENT METER DATA SET NUMBER: 72-0018
YEAR:1972 VESSEL/AGENCY: FIXED STATIONS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	T	C
ROBESON CH	1	81	58.8	62	6.5	72	4	24	72	6	4	41	20	5	600	BRAI			
ROBESON CH	1	81	58.8	62	6.5	72	4	24	72	6	4	41	20	100	600	BRAI			
ROBESON CH	1	81	58.8	62	6.5	72	4	24	72	6	4	41	20	650	600	BRAI			
ROBESON CH	2	81	55.9	61	49.3	72	4	24	72	6	2	39	20	5	644	BRAI			
ROBESON CH	2	81	55.9	61	49.3	72	4	24	72	6	2	39	20	10	644	BRAI			
ROBESON CH	2	81	55.9	61	49.3	72	4	24	72	6	2	39	20	50	644	BRAI			
ROBESON CH	2	81	55.9	61	49.3	72	4	24	72	6	2	39	20	100	644	BRAI			
ROBESON CH	2	81	55.9	61	49.3	72	4	24	72	6	2	39	20	500	644	BRAI			
ROBESON CH	2	81	55.9	61	49.3	72	4	24	72	6	2	39	20	600	644	BRAI			
ROBESON CH	3	81	53.2	61	16.4	72	4	24	72	5	31	37	20	10		BRAI			
ROBESON CH	3	81	53.2	61	16.4	72	4	24	72	5	31	37	20	100		BRAI			

CURRENT METER DATA SET NUMBER: 75-0034
YEAR:1975 VESSEL/AGENCY: FIXED STATIONS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
ROBESON CH	1	81	57.6	62	1.1	75	5	10	75	5	18	8	7	10		MARS			
ROBESON CH	2	81	53.9	61	40.0	75	5	10	75	5	18	1	2	10		MARS			

CURRENT METER DATA SET NUMBER: 75-0037
YEAR:1975 VESSEL/AGENCY: GREENLAND TECH. ORG.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
DISKO IS	G2	68	2.0	55	28.0	75	9	27	75	10	4		10	28	68	AAND		X	X
DISKO IS	H100	68	47.8	53	2.0	75	8	9	75	8	25		10	30	305	AAND	X	X	X
DISKO IS	H100	68	47.8	53	2.0	75	8	26	75	8	29		10	140	305	AAND	X	X	X
DISKO IS	H100	68	47.8	53	2.0	75	8	26	75	8	29		10	30	305	AAND	X	X	X
DISKO IS	H300	69	8.5	53	24.0	75	8	3	75	8	7		10	30	300	AAND	X	X	X
DISKO IS	H300	69	8.5	53	24.0	75	8	3	75	8	7		10	150	300	AAND	X	X	X
DISKO IS	H30	69	8.5	53	24.0	75	9	3	75	9	4		10	30	300	AAND	X	X	X
DISKO IS	H30	69	8.5	53	24.0	75	9	3	75	9	4		10	200	300	AAND	X	X	X
DISKO IS	H4	68	55.8	53	12.4	75	8	1	75	8	29		10	369	735	AAND		X	X

CURRENT METER DATA SET NUMBER: 76-0024
YEAR:1976 VESSEL/AGENCY: GREENLAND TECH. ORG.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
DISKO IS	??	69	37.0	51	35.0	76	7	10	76	7	14	20	40	300		AAND		X	X
DISKO IS	??	69	37.0	51	35.0	76	7	10	76	7	12	20	250	300		AAND		X	X
DISKO IS	??	69	37.0	51	45.0	76	7	16	76	7	17	5	0	145		AAND	X	X	X
DISKO IS	??	69	37.0	51	40.5	76	8	4	76	8	5	5	9999			AAND	X	X	X
DISKO IS	??	69	37.0	51	40.5	76	8	16	76	8	20	10	30	200		AAND		X	X
DISKO IS	??	69	37.0	51	40.5	76	8	16	76	8	20	10	150	200		AAND		X	X
DISKO IS	??	69	37.0	51	40.5	76	8	19	76	8	20	5	0	20		AAND	X	X	X
DISKO IS	V1	69	37.0	56	.0	76	8	26	76	9	20	10	30	200		AAND		X	X
DISKO IS	V1	69	37.0	56	.0	76	8	25	76	9	20	10	150	200		AAND		X	X
DISKO IS	4A	69	35.0	51	45.0	76	8	20	76	9	17	10	30	200		AAND		X	X
DISKO IS	4A	69	35.0	51	45.0	76	8	20	76	9	17	10	150	200		AAND		X	X
DISKO IS	4B	69	34.3	51	15.0	76	8	8	76	8	11	10	30	200		AAND		X	X
DISKO IS	4B	69	34.3	51	15.0	76	8	8	76	8	11	10	150	200		AAND		X	
DISKO IS	I1	69	10.0	51	20.0	76	7	19	76	7	19	5	0	280		AAND	X	X	X
DISKO IS	H305	69	9.5	53	28.5	76	7	25	76	7	25	5	0	370		AAND	X	X	X
DISKO IS	H3	69	7.4	53	30.3	76	7	6	76	7	25	10	35	320		AAND		X	X
DISKO IS	H3	69	7.4	53	30.3	76	7	6	76	7	27	10	270	320		AAND		X	X
DISKO IS	H309	69	6.5	53	28.0	76	8	14	76	8	21	10	30	200		AAND		X	X
DISKO IS	H309	69	6.5	53	28.0	76	8	14	76	8	21	10	150	200		AAND		X	
DISKO IS	H309	69	6.5	53	28.0	76	8	21	76	8	21	10	30	210		AAND		X	X
DISKO IS	H309	69	6.5	53	28.0	76	8	21	76	8	26	10	150	210		AAND		X	
DISKO IS	H309	69	6.5	53	28.0	76	8	26	76	9	14	10	30	210		AAND		X	X
DISKO IS	H309	69	6.5	53	28.0	76	8	26	76	9	14	10	150	210		AAND		X	
DISKO IS	H2	68	58.0	53	30.0	76	7	23	76	8	31	10	260			AAND		X	X
DISKO IS	H2	68	58.0	53	18.7	76	7	6	76	7	22	10	265	315		AAND		X	X
DISKO IS	H2	68	58.0	53	18.7	76	7	6	76	7	22	10	30	315		AAND		X	X

DISKO IS	H204	68	56.3	53	14.5	76	7	22	76	7	23	10	30	600	AAND		X	X
DISKO IS	H204	68	56.3	53	14.5	76	7	22	76	7	23	10	260	600	AAND		X	X
DISKO IS	H204	68	56.3	53	14.5	76	7	22	76	7	23	10	490	600	AAND		X	X
DISKO IS	H1	68	50.5	53	9.0	76	7	23	76	8	26	10	40		AAND		X	X
DISKO IS	H1	68	50.5	53	9.0	76	7	23	76	8	26	10	240		AAND		X	X
DISKO IS	H1	68	50.5	53	9.0	76	8	26	76	10	7	10	40	300	AAND		X	X
DISKO IS	H1	68	50.1	53	5.1	76	7	5	76	7	21	10	45	325	AAND		X	X
DISKO IS	H3	68	49.0	53	3.0	76	7	21	76	7	21	10			AAND	X	X	X
DISKO IS	EGM	68	44.7	52	49.5	76	9	21	76	9	23	10	30	100	AAND		X	X
DISKO IS	EGM	68	44.7	52	49.5	76	9	21	76	9	23	10	94	100	AAND		X	X
DISKO IS	H4A	68	43.0	54	15.0	76	7	24	76	8	24	10	47		AAND		X	X
DISKO IS	H4A	68	43.0	54	15.0	76	7	24	76	8	24	10	272		AAND		X	X
DISKO IS	H4A	68	43.0	54	15.0	76	7	27	76	8	27	10	167		AAND		X	X
DISKO IS	H4B	68	42.0	56	.0	76	8	25	76	9	19	10	30	310	AAND		X	X
DISKO IS	H4B	68	42.0	56	.0	76	8	25	76	9	19	10	260	210	AAND		X	X
DISKO IS	LSD	68	41.7	52	47.5	76	9	21	76	9	23	10	30	100	AAND		X	X
DISKO IS	LSD	68	41.7	52	47.5	76	9	21	76	9	23	10	94	100	AAND		X	X
DISKO IS	G1B	68	.0	55	20.0	76	6	30	76	7	29	10	30	68	AAND		X	X
DISKO IS	G1B	68	.0	55	20.0	76	6	30	76	7	29	10	60	68	AAND		X	X
DISKO IS	G1B	68	.0	55	20.0	76	7	29	76	9	2	10	30	68	AAND		X	X
DISKO IS	G1B	68	.0	55	20.0	76	7	29	76	9	2	10	60	68	AAND		X	X

CURRENT METER DATA SET NUMBER: 77-0027
YEAR:1977 VESSEL/AGENCY: GREENLAND TECH. ORG.

AREA	STN	LAT		LON		START			STOP			EFF DT		DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
DISKO IS	H7	69	14.0	53	59.0	77	8	4	77	8	14	10		90	200	AAND		X	X
DISKO IS	H7	69	14.0	53	59.0	77	8	4	77	8	14	10		150	200	AAND		X	X
DISKO IS	H5	69	11.5	53	29.5	77	8	5	77	8	17	10		20	350	AAND		X	X
DISKO IS	H5	69	11.5	53	29.5	77	8	5	77	8	17	10		150	350	AAND		X	X

DISKO	IS	H5	69	11.5	53	29.5	77	8	5	77	8	17	10	290	350	AAND	X	X
DISKO	IS	H3	69	7.0	53	30.0	77	8	5	77	8	16	10	30	400	AAND	X	X
DISKO	IS	H3	69	7.0	53	30.0	77	8	5	77	8	16	10	160	400	AAND	X	X
DISKO	IS	H3	69	7.0	53	30.0	77	8	5	77	8	16	10	300	400	AAND	X	X
DISKO	IS	H6	69	.0	53	38.0	77	8	1	77	8	16	10	25	575	AAND	X	X
DISKO	IS	H6	69	.0	53	38.0	77	8	1	77	8	16	10	195	575	AAND	X	X
DISKO	IS	H6	69	.0	53	38.0	77	8	1	77	8	16	10	195	395	AAND	X	X
DISKO	IS	H6A	69	.0	53	51.0	77	8	8	77	8	14	10	30	160	AAND	X	X
DISKO	IS	H6A	69	.0	53	51.0	77	8	8	77	8	14	10	60	160	AAND	X	X
DISKO	IS	H6A	69	.0	53	51.0	77	8	8	77	8	14	10	100	160	AAND	X	X
DISKO	IS	H8A	68	38.0	54	4.0	77	7	12	77	8	1	10	30	600	AAND	X	X
DISKO	IS	H8A	68	38.0	54	4.0	77	7	12	77	8	1	10	200	600	AAND	X	X
DISKO	IS	H8A	68	38.0	54	4.0	77	7	12	77	8	1	10	400	600	AAND	X	X
DISKO	IS	H8B	68	38.0	54	4.0	77	8	1	77	8	18	10	25	595	AAND	X	X
DISKO	IS	H8B	68	38.0	54	4.0	77	8	1	77	8	18	10	195	595	AAND	X	X
DISKO	IS	H8B	68	38.0	54	4.0	77	8	1	77	8	18	10	395	595	AAND	X	X
DISKO	IS	H9A	68	25.0	55	45.0	77	6	28	77	7	22	10	200	540	AAND	X	X
DISKO	IS	H9A	68	25.0	55	45.0	77	6	28	77	7	22	10	400	540	AAND	X	X
DISKO	IS	H9A	68	25.0	55	45.0	77	6	28	77	7	23	10	30	540	AAND	X	X
DISKO	IS	H9A	68	25.0	55	45.0	77	6	28	77	7	23	10	30	540	AAND	X	X
DISKO	IS	H9B	68	25.0	55	45.0	77	7	23	77	7	31	10	40	540	AAND	X	X
DISKO	IS	H9B	68	25.0	55	45.0	77	7	23	77	7	31	10	210	540	AAND	X	X
DISKO	IS	H9B	68	25.0	55	45.0	77	7	23	77	7	31	10	410	540	AAND	X	X
DISKO	IS	T3	68	18.0	55	15.0	77	7	15	77	8	4	10	30	400	AAND	X	X
DISKO	IS	T3	68	18.0	55	15.0	77	7	15	77	8	4	10	160	400	AAND	X	X
DISKO	IS	T3	68	18.0	55	15.0	77	7	15	77	8	4	10	300	400	AAND	X	X
DISKO	IS	T4	68	18.0	55	25.0	77	7	15	77	8	4	10	81	465	AAND	X	X
DISKO	IS	T4	68	18.0	55	25.0	77	7	15	77	8	4	10	191	465	AAND	X	X
DISKO	IS	T4	68	18.0	55	25.0	77	7	17	77	8	4	10	301	465	AAND	X	X
DISKO	IS	T1	68	15.5	55	27.0	77	7	14	77	8	4	10	30	360	AAND	X	X
DISKO	IS	T1	68	15.5	55	27.0	77	7	14	77	8	4	10	160	360	AAND	X	X
DISKO	IS	T1	68	15.5	55	27.0	77	7	14	77	8	4	10	300	360	AAND	X	X
DISKO	IS	T2	68	13.0	55	15.0	77	7	14	77	8	4	10	25	145	AAND	X	X
DISKO	IS	T2	68	13.0	55	15.0	77	7	14	77	8	4	10	65	145	AAND	X	X
DISKO	IS	T2	68	13.0	55	15.0	77	7	14	77	8	4	10	105	145	AAND	X	X
DISKO	IS	H10	68	12.0	57	18.0	77	8	19	77	9	11	10	30	400	AAND	X	X
DISKO	IS	H10	68	12.0	57	18.0	77	8	19	77	9	11	10	160	400	AAND	X	X
DISKO	IS	H10	68	12.0	57	18.0	77	8	19	77	9	11	10	300	400	AAND	X	X

CURRENT METER DATA SET NUMBER: 78-0005
YEAR:1978 VESSEL/AGENCY: THERON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
	1	74	35.9	79	28.6	78	8	4	78	9	19	45	10	35	473	AAND	X	X	X
	1	74	35.9	79	28.6	78	8	4	78	9	18	45	10	250	473	AAND	X	X	X
	1	74	35.9	79	28.6	78	8	4	78	9	18	45	10	400	473	AAND	X	X	X
	2	74	54.9	78	41.3	78	8	2	78	9	29	57	10	35	469	AAND	X	X	X
	2	74	54.9	78	41.3	78	8	2	78	9	29	57	10	125	469	AAND	X	X	X
	2	74	54.9	78	41.3	78	8	2	78	9	29	57	10	250	469	AAND	X	X	X
	3	74	55.6	76	53.5	78	8	2	78	9	29	50	10	250	352	AAND	X	X	X
	7	74	6.8	78	29.4	78	8	1	78	9	16	46	10	35	837	AAND	X	X	X
	7	74	6.8	78	29.4	78	8	1	78	9	16	46	10	250	837	AAND	X	X	X
	7	74	6.8	78	29.4	78	8	1	78	9	16	45	10	500	837	AAND	X	X	X
	8	73	42.3	78	11.3	78	7	31	78	9	28	45	10	83	914	AAND	X	X	X
	8	73	42.3	78	11.3	78	7	31	78	9	28	58	10	300	914	AAND	X	X	X
	8	73	42.3	78	11.3	78	7	31	78	9	28	59	10	550	914	AAND	X	X	X
	9	74	7.4	77	25.4	78	8	1	78	9	28	58	10	35	833	AAND	X	X	X
	9	74	7.4	77	25.4	78	8	1	78	9	28	0	10	125	833	AAND	X	X	X
	9	74	7.4	77	25.4	78	8	1	78	9	28	58	10	250	833	AAND	X	X	X
	9	74	7.4	77	25.4	78	8	1	78	9	29	48	10	500	833	AAND	X	X	X
	9	74	7.4	77	25.4	78	8	1	78	9	28	58	10	750	833	AAND	X	X	X
	10	74	30.8	77	18.8	78	8	2	78	9	29	58	10	35	581	AAND	X	X	X
	10	74	30.8	77	18.8	78	8	2	78	9	29	58	10	250	581	AAND	X	X	X
	10	74	30.8	77	18.8	78	8	2	78	9	29	56	10	500	581	AAND	X	X	X
	11	72	22.8	74	3.9	78	8	10	78	10	3	53	10	35	158	AAND	X	X	X
	11	72	22.8	74	3.9	78	8	10	78	10	3	47	10	125	158	AAND	X	X	X
	13	72	30.7	72	45.7	78	8	11	78	10	4	54	10	35	872	AAND	X	X	X
	13	72	30.7	72	45.7	78	8	11	78	10	4	54	10	250	872	AAND	X	X	X
	13	72	30.7	72	45.7	78	8	11	78	10	4	54	10	500	872	AAND	X	X	X

13	72	30.7	72	45.7	78	8	11	78	10	4	0	10	750	872	AAND	X	X	X
14	71	39.8	71	8.6	78	8	14	78	10	5	46	10	35	260	AAND	X	X	X
14	71	39.8	71	8.6	78	8	14	78	10	5	52	10	125	260	AAND	X	X	X
15	71	45.1	70	49.2	78	8	14	78	10	4	51	10	35	722	AAND	X	X	X
15	71	45.1	70	49.2	78	8	14	78	10	4	51	10	250	722	AAND	X	X	X
15	71	45.1	70	49.2	78	8	14	78	10	4	51	10	500	722	AAND	X	X	X

CURRENT METER DATA SET NUMBER: 78-0023
YEAR:1978 VESSEL/AGENCY:

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	T	C
DISKO IS	G4	68	.6	56	46.2	78	8	8	78	9	9	32	10	30	200		X	X	X
DISKO IS	G4	68	.6	56	46.2	78	8	8	78	9	9	32	10	100	200		X	X	X

CURRENT METER DATA SET NUMBER: 78-0024
YEAR:1978 VESSEL/AGENCY: THERON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	T	C
	1	74	34.9	79	24.1	78	9	22	79	7	21	5	60	35	560	AAND	X	X	X
	1	74	34.9	79	24.1	78	9	22	79	7	21	302	60	250	560	AAND	X	X	X
	1	74	34.9	79	24.1	78	9	22	79	7	21	302	60	400	560	AAND	X	X	X

2	74	54.6	78	43.8	78	9	30	79	7	21	294	60	35	456	AAND	X	X	X
2	74	54.6	78	43.8	78	9	30	79	7	21	294	60	125	456	AAND	X	X	X
2	74	54.6	78	43.8	78	9	30	79	7	21	294	60	250	456	AAND		X	X
8A	73	44.7	78	46.9	78	9	28	79	7	28	303	60	35	878	AAND	X	X	X
8A	73	44.7	78	46.9	78	9	28	79	7	28	303	60	250	878	AAND	X	X	X
8A	73	44.7	78	46.9	78	9	28	79	7	28	303	60	500	878	AAND	X	X	X
10	74	31.1	77	17.9	78	9	29	79	7	21	3	60	35	570	AAND	X	X	X
10	74	31.1	77	17.9	78	9	29	79	7	21	295	60	250	570	AAND	X	X	X
10	74	31.1	77	17.9	78	9	29	79	7	21	295	60	500	570	AAND	X	X	X
13	72	28.7	72	40.0	78	10	3	79	8	8	309	60	35	889	AAND	X	X	X
13	72	28.7	72	40.0	78	10	3	79	8	8	309	60	250	889	AAND	X	X	X
13	72	28.7	72	40.0	78	10	3	79	8	8	309	60	500	889	AAND		X	X
13	72	28.7	72	40.0	78	10	3	79	8	8	309	60	750	889	AAND	X	X	X

CURRENT METER DATA SET NUMBER: 79-0011
YEAR:1979 VESSEL/AGENCY: THERON

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
	A	75	41.8	77	51.8	79	7	25	79	9	24	61	10	35	313	AAND		X	
	A	75	41.8	77	51.8	79	7	25	79	9	24	61	10	125	313	AAND	X		X
	A	75	41.8	77	51.8	79	7	25	79	9	24	61	10	250	313	AAND	X	X	X
	B	75	26.3	76	20.6	79	7	26	79	9	26	62	10	35	356	AAND	X	X	X
	B	75	26.3	76	20.6	79	7	26	79	9	26	62	10	125	356	AAND	X	X	X
	B	75	26.3	76	20.6	79	7	26	79	9	26	62	10	125	356	AAND	X	X	X
	C	74	59.6	79	8.9	79	7	25	79	9	19	56	10	35	518	AAND	X	X	X
	C	74	59.6	79	8.9	79	7	25	79	9	19	47	10	125	518	AAND	X	X	X
	C	74	59.6	79	8.9	79	7	25	79	9	19	56	10	250	518	AAND	X	X	X
	C	74	59.6	79	8.9	79	7	25	79	9	19	56	10	450	518	AAND	X	X	X
	D	74	59.5	78	29.1	79	7	24	79	9	25	63	10	35	420	AAND	X	X	X
	D	74	58.5	78	29.1	79	7	24	79	9	25	63	10	125	420	AAND	X	X	X

D	74	58.5	78	29.1	79	7	24	79	9	25	63	10	250	420	AAND	X	X	X
E	74	58.9	77	51.6	79	7	24	79	9	25	63	10	35	331	AAND	X	X	X
E	74	58.9	77	51.6	79	7	24	79	9	25	10	10	250	331	AAND	X	X	X
F	74	29.5	79	11.4	79	8	4	79	9	19	46	10	125	635	AAND		X	
N	74	2.5	78	12.1	79	8	4	79	9	27	54	10	35	850	AAND	X	X	X
N	74	2.5	78	12.1	79	8	4	79	9	27	54	10	250	850	AAND		X	

CURRENT METER DATA SET NUMBER: 80-0008
YEAR:1980 VESSEL/AGENCY: POLAR HAV

AREA	STN	LAT		LON		START			STOP			EFF DT		DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
	2	74	58.1	78	50.0	80	8	4	80	10	4	61	10	35	500	AAND	X	X	X
	2	74	58.1	78	50.0	80	8	4	80	10	4	61	10	125	500	AAND	X	X	X
	2	74	58.1	78	50.0	80	8	4	80	10	4	61	10	250	500	AAND	X	X	X
	3	74	57.6	78	10.5	80	8	4	80	10	3	60	10	35	393	AAND	X	X	X
	3	74	57.6	78	10.5	80	8	4	80	10	3	60	10	125	393	AAND	X	X	X
	3	74	57.6	78	10.5	80	8	4	80	10	3	60	10	250	393	AAND	X	X	X
	4	75	23.8	78	33.0	80	8	5	80	10	4	60	10	35	561	AAND	X	X	X
	4	75	23.8	78	33.0	80	8	5	80	10	4	60	10	125	561	AAND	X	X	X
	4	75	23.8	78	33.0	80	8	5	80	10	4	60	10	250	561	AAND	X	X	X

11.3 WATER LEVEL DATA

The listings contain the following information:

AREA	Area
STN	Station number; generally as assigned by the originating agency.
LAT, LONG	In degrees and minutes.
START/STOP	Year, month and day instrument recorded over.
EFF LEN	Effective record length.
DT (MN)	Sampling rate in minutes.
INST & WATER DPTH	In metres.
INSTR TYPE	STAF - Tide staff AAND - Aanderaa AMS - Applied Microsystems OTT - Ott gauge, either float or poteniometric
ADDIT SENSOR	Parameters measured qualified by: X - measurements of this parameter were made CA - possible calibration problems S - suspect readings C - constant readings O - zero or obviously bad readings

Blank entries indicate unavailable or unappropriate data.
? signifies data which are either unknown or may be suspect. For example, a location which plots on land.

WATER LEVEL DATA SET NUMBER: 37-0003
YEAR:1937 VESSEL/AGENCY: BR.ARCTIC EXP.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
THULE		76	30.0	69	.0	37	1	1	37	1	1	30							

WATER LEVEL DATA SET NUMBER: 48-0004
YEAR:1948 VESSEL/AGENCY:

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
ECLIPSE SD	5790	72	6.0	80	47.0	48	8	1	48	8	31								
POND INLET	5810	72	35.0	76	5.0	48	8	1	48	8	31								

WATER LEVEL DATA SET NUMBER: 48-0005
YEAR:1948 VESSEL/AGENCY:

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
BAFFIN BAY	3920	72	.0	76	.0	48	8	1	48	8	31								
BAFFIN BAY	3910	72	45.0	76	.0	48	8	1	48	9	30								

WATER LEVEL DATA SET NUMBER: 58-0002
YEAR:1958 VESSEL/AGENCY:

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
	3960	68	23.0	66	45.0	58	7	1	58	8	31								

WATER LEVEL DATA SET NUMBER: 61-0013
YEAR:1961 VESSEL/AGENCY:

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF DT LEN	EFF DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
JONES SD	6560	75	43.0	84	26.0	61	5	1	61	6	30								

WATER LEVEL DATA SET NUMBER: 62-0012
YEAR:1962 VESSEL/AGENCY:

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF DT LEN	EFF DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
SMITH SD	3840	78	40.0	74	10.0	62	8	1	62	9	30								

WATER LEVEL DATA SET NUMBER: 66-0009
YEAR:1966 VESSEL/AGENCY:

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
ECLIPSE SD	5795	72	35.0	80	30.0	66	7	1	66	9	30								

WATER LEVEL DATA SET NUMBER: 70-0012
YEAR:1970 VESSEL/AGENCY:

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
HOME BAY	3960	68	23.0	66	45.0	70	7	1	70	8	31								

WATER LEVEL DATA SET NUMBER: 71-0012
YEAR:1971 VESSEL/AGENCY: FIXED STATIONS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
ROBESON CH	3785	82	1.0	62	32.0	71	7	1	71	8	31								
ROBESON CH	3782	82	7.0	62	4.0	71	5	1	71	6	30								

WATER LEVEL DATA SET NUMBER: 72-0013
YEAR:1972 VESSEL/AGENCY:

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
CLYDE INLET	3940	70	28.0	68	34.0	72	3	1	72	6	30								

WATER LEVEL DATA SET NUMBER: 75-00348
YEAR:1975 VESSEL/AGENCY:

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF DT LEN	EFF DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
ROBESON CH	3788	81	47.0	64	10.0	75	4	1	75	6	30								
ROBESON CH	3740	81	58.0	60	.0	75	4	1	75	7	31								
ROBESON CH	3782	82	7.0	62	4.0	75	4	1	75	5	31								
KENNEDY CH	3800	81	14.0	65	43.0	75	5	1	75	6	30								

WATER LEVEL DATA SET NUMBER: 75-0035
YEAR:1975 VESSEL/AGENCY:

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF DT LEN	EFF DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
CLYDE INLET	3940	70	28.0	68	34.0	75	1	1	75	2	28								

WATER LEVEL DATA SET NUMBER: 75-0037
YEAR:1975 VESSEL/AGENCY: GREENLAND TECH. ORG.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
	GODH	69	15.0	53	33.0	75	7	15	75	9	29		60			OTT			
	JACO	69	13.5	51	6.5	75	7	12	75	10	7		60			OTT			
	CHRI	68	49.0	51	11.5	75	7	12	75	10	29		60			OTT			
	EGED	68	42.5	52	51.0	75	7	1	75	10	1		60			OTT			

WATER LEVEL DATA SET NUMBER: 76-0024
YEAR:1976 VESSEL/AGENCY: GREENLAND TECH. ORG.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
	RITE	69	46.0	51	18.5	76	7	11	76	9	17		60			OTT			
	GODH	69	15.0	53	33.0	76	7	9	76	10	15		60			OTT			
	JAKO	69	13.5	51	6.5	76	7	13	76	10	29		60			OTT			
	CHRI	68	49.0	51	11.5	76	8	5	76	9	18		60			OTT			
	EGED	68	42.5	52	51.0	76	6	29	76	9	29		60			OTT			

WATER LEVEL DATA SET NUMBER: 81-0019
YEAR:1981 VESSEL/AGENCY:

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF DT LEN	EFF DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
JONES SD	4070	76	25.0	89	1.0	81	3	4	81	4	19								

12. MISCELLANEOUS DATA SETS

Listed below are data sets for which the available documentation was insufficient to allow proper compilation. In most cases the quoted sources mentioned measurements as having been taken, but failed to provide positions, dates, and particulars.

1898-1902 2nd Norwegian Expedition

During these five years at the turn of the century, the second Norwegian Arctic Expedition, using the Fram, took biological samples as well as surface temperatures in the region of Jones Sound. The data are mentioned by Collin (1960) but no specifics are available.

1909, 1932, 1938 & 1939 Lichtenaufjord

Temperature profiles reported in Hansen (1940) and Dunbar (1946). Data in same years near Julianehaab.

1929 & 1931-1932 Wegener Expedition

Data in the Umanak district of west Greenland (Loewe, 1933, 1934, and 1935).

1940 Morrissey (Set ID 40-0003)

Surface temperatures and drift bottle releases were made as far north as 80°22' latitude (Nutt, 1941).

1947 Edisto (Set ID 47-0001)

As part of Task Force 68, in 1947, members of the U.S.S. Edisto used Nansen bottles, reversing thermometers, and BT's in Baffin Bay, including Smith and Jones Sounds. The data are not available at this time.

1954 Staten Island (Set ID 54-0008)

Redfield et al. (1969) reported one station (#2) in Eclipse Sound from this cruise. It is probable that other stations were occupied.

1958-1960 Disko Bay

Temperature and salinity data were collected but the reference by Petersen (1964) does not specify details.

1959-1960 Thule Harbour (Set ID 59-0008)

Temperature and salinity data were collected (Senior, 1961).

196?

Berthois (1966) reported measurements of pH, chlorinity, dissolved oxygen, and sediment at Kangerluqssua fjord. However, he does not give the year, let alone dates, locations, ...

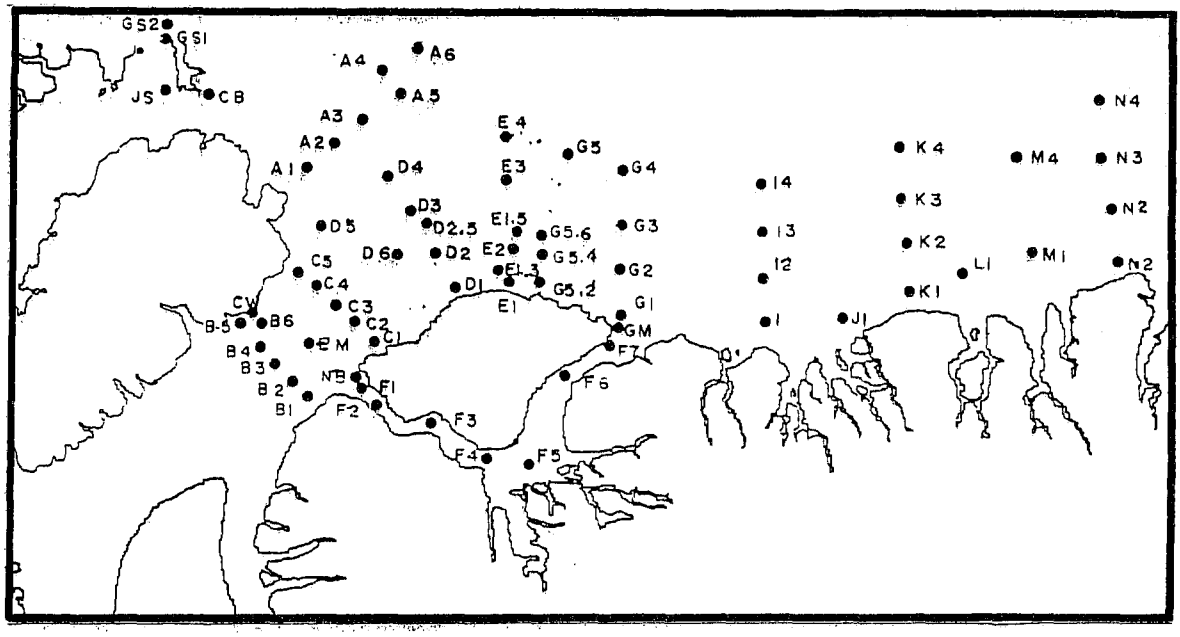

Figure 18: Locations of current profiling stations in 1978 (Fissel and Birch, 1980).

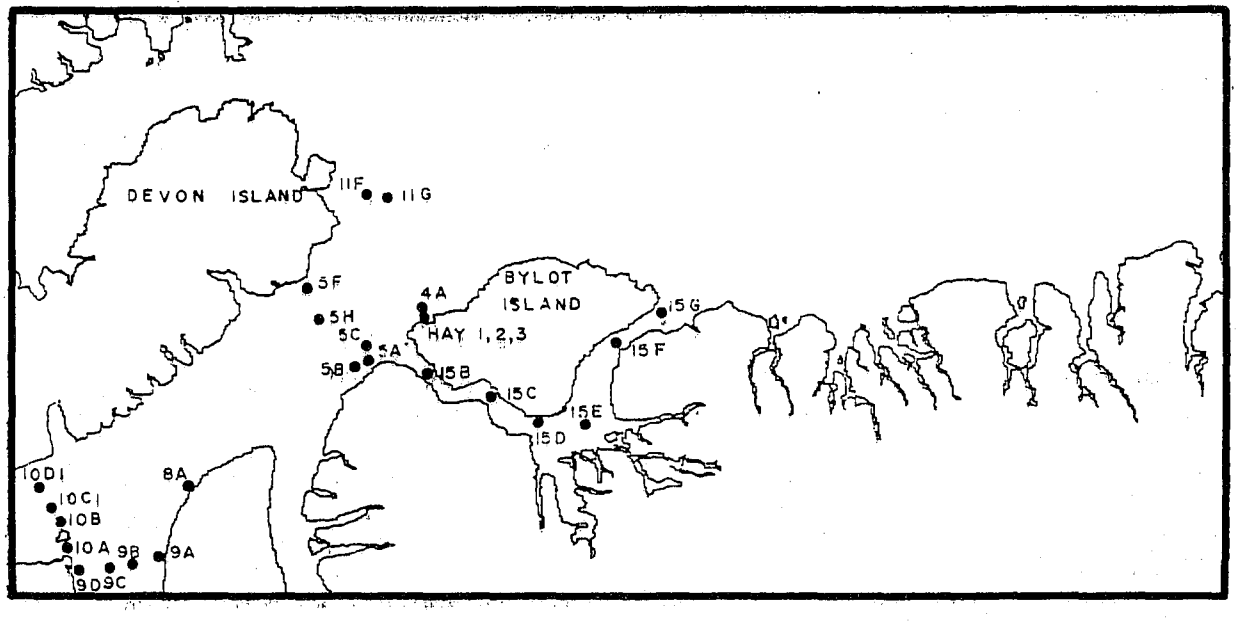

Figure 19: Locations of current profiling stations in 1979 (Fissel and Birch, 1980).

1972–1974 Marmorilik Fjord

Danish Hydraulic Inst. (1979b, p. 44-45) mentions data having been collected, but provides no details. Danish consultants have been collecting hydrographic data at the fjord for Greenex, a subsidiary of Cominco (A. Bohn, personal communication).

1977

Four additional stations as part of 77-0029 data set, not yet reported.

1980 BIOS (Set ID 80-0012)

This was the first year of a two-year study concentrated around Cape Hatt (approximately 72°30'N, 79°50'N) in Eclipse Sound. The processing of the data has not been completed. Below is an outline of the data that was collected:

Water level:	Two AMS TG-12 gauges. Period June 20-October 1. Ten minute samples of pressure and temperature.
Sub-surface currents:	Aanderaa meters at three sites, max. 77 m depth. June 14-November 5.
Surface currents:	Radar-tracked drogues. August 30-September 7.
Temperature-salinity:	AMS CTD-12. June 11-22, 41 casts and August 15-September 13, 64 casts.

1981 BIOS

The second year of data is also presently being processed and includes:

Water level:	AMS TG-12 gauge. August 10-30.
Sub-surface currents:	One mooring, Aanderaa RCM-4's, August 7-30.
Temperature-salinity:	AMS CTD-12. August 6-29, 84 casts.

Current Profiles/Iceberg Tracking

(Set IDs 78-0005 and 79-0011)

In 1978 and 1979 Arctic Sciences Ltd. made current profile measurements and tracked icebergs as part of the EAMES study for Petro-Canada (data sets 78-0005D and 79-0011D). The current profile data (1978 and 1979) centered around the entrance to Lancaster Sound and the station positions are plotted in Figures 18 and 19. An Endeco direct reading current meter was used with estimated accuracies of $\pm$8 cm/s and $\pm$30 degrees. Whenever possible, measured ship drift was used to compute absolute velocities (Fissel and Birch, 1980).

The 78-0005 and 78-0011 data sets also included iceberg drift measurements. The geographical limits of these data included most of western Baffin Bay. Ten icebergs were tracked in 1978 and another ten in 1979. Their movements extended from east of Devon Island along the Baffin Island coast and into the Labrador Sea (Fissel, 1980; Marko et al., 1982).

Set ID 76-0027

As part of the North Water Project current profiles were collected, some of which extended over a full tidal cycle (Ito, 1981). Muller (1976) reports current profile data for 1975 as well.

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APPENDIX 1

REMARKS - METHODS, PROBLEMS AND ERRORS BY DATA SET NUMBER

16-0001

Dr. Th. Wulff used a reversing water bottle (Model Laboratoire Hydrographique) and two reversing thermometers (Knudsen, 1923). The water samples were titrated for salinity at the Hydrographical Laboratory (Copenhagen?).

24-0001

The report describing this work (Martens,1929) was unavailable.

25-0001

The report describing this work (Baggesgaard-Rasmussen, 1930) was unavailable.

28-0001

Water samples were collected using both Knudsen and Nansen reversing water bottles (tinned inside and out), having reversing thermometers attached. The thermometers were allowed to equilibrate at depth for at least 5 minutes before being tripped. Water samples were drawn off for hydrogen ion, oxygen, and chlorine determination. Most titrations were done on board but some were carried out at the Hydrographical Laboratory in Copenhagen. Salinity was calculated using Knudsen's tables.

Comparison of paired thermometer readings gave a value of 0.016°C for the mean of the mean deviations. No accuracy was given for salinity.

One Jacobsen libelle current meter and three Marx and Berndt current meters were taken on board. Two sets of current measurements were taken in Baffin Bay while the vessel was anchored (Riis-Carstensen, 1936, p. 18). At station 50 (69°44.4'N, 57°22'W), in 250 m depth, one series of current measurements was taken. At station 102 (77°34.3' N, 74°32'W), in 600 m water, six series of measurements were taken over a period of about 7 hours. According to Riis-Carstensen,

> "... all three Marx and Berndt current meters were put out, one under the meter wheel on the portside, and 2 aft of which latter one measured the surface current. One of the wires aft was carried through the recorder of the libelle current meter. The reading of the compass and the declination of the libelle current meter were recorded every minute while the measurements were going on to compute the possible movements of the ship during the said period."

At station 102, it was found difficult to obtain readings at depth. It was believed the cold water seized up a part of the mechanism which was lubricated. Anchoring time was shortened due to the wire cutting into the hawse hole and mooring jaws. Riis-Carstensen (1936, p. 19-20) presented the results for station 102.

Twenty-nine drift bottles were released and only one was ever found. It was released on October 7, 1928 and 60°18'N, 52°00'W and on August 4, 1930 it was found at Eoligarry, Isle of Barra, Scotland. A sample bottle, fouled with ash, was thrown overboard on September 18, 1928 near 66°16'N/59°38'W and it was found May 10, 1930 at the "Sandsoer" at Gimsoystraumen, Lofoten, Norway.

28-0002 Marion

Greene-Bigelow reversing water bottles were used and Smith et al. (1937) noted that they were not in good shape and often malfunctioned. Depths were obtained by measuring wire out and wire angle.

Reversing thermometers recorded temperature, accurate to 0.03°C. The temperatures at station 1016 near Cape Dyer dropped to a minimum at 60 m, then increased to bottom. This was considered erroneous and corrections were made based on data from nearby stations occupied by the Godthaab and Michael Sars.

Conductivity of the water samples was measured using salinometers constructed and calibrated by the U.S. Bureau of Standards. The resulting computed salinities were believed precise to 0.02°/oo.

30-0001 Ville d'Ys

In the 1930's French vessels, primarily the Ville d'Ys, made hydrographic surveys in the Davis Strait area. In 1930 only one station was in the Baffin Basin study area (north of 68° latitude). At this station temperature was measured to at least 50 m depth but Beaugé (1931) does not specify the method used. Beaugé does not indicate salinity measurements at this station, although the Ville d'Ys did obtain salinity data further south in both 1929 and 1931.

31-0001 La Madeleine

In 1931 the French vessel La Madeleine made two stations north of 68° latitude. Beaugé (1932) tabulates temperature data only.

31-0002 St. Jeanne d'Arc

The French ship collected data at one station in this study area. Beauge (1932) tabulates temperature data only; however, in 1929 the same vessel made salinity measurements in the Labrador Sea. Therefore possibly salinity was also measured in 1931.

32-0001 Ville d'Ys

Beaugé (1933) tabulates temperatures collected by this vessel but does not mention any salinity measurements.

32-0002 Victoria

Temperatures to 50 m were measured at one station (Beaugé, 1933). Again no details.

36-0001

Water samples were collected using "closing water bottles", and salinities were determined by titration against silver nitrate using Knudsen burettes (Hartley and Dunbar, 1938).

37-0002

The NODC files list the collecting vessel as the Ville d'Ys (French), but the Conseil. Perm. Bull. Hydr. has the Steady (Danish) as the vessel.

37-0003

As part of the British Arctic Expedition, Hamilton obtained a months tidal record at Thule. No other details were supplied in the account (Polar Record, 1939).

40-0001 Northland

Although the primary report (Barnes, 1941) could not be obtained, the plot of dynamic topography using this data set as well as the 1928 Godthaab data (in Muench, 1971d) shows that the data were analyzed and compared to other data sets resulting in the "3" rating.

40-0002 Shore Based

Reversing bottles and Richter thermometers were used (Dunbar, 1942). Standard Copenhagen water was supplied by Woods Hole Oceanographic Institute.

40-0003 E.M. Morrissey

Captain Bartlett led this expedition to Baffin Bay reaching a latitude of 80°22' in Kennedy Channel. The Polar Record (1941) account provides little detail. Ice conditions reports were forwarded to the U.S. Navy Hydrographic Office; they may have more detailed reports on the data collected, methods used, and station locations.

42-0001, 43-0001

Dunbar (1946) reports temperature data collected in 1942-43 off Godhavn, Upernavik, and Vaigat. The hydrographic apparatus was borrowed from the Danish Arctic Station at Godhavn, and also from the Province of Quebec Dept. of Game and Fisheries (1942). Probably reversing thermometers were used, but Dunbar does not say. Dunbar also states that "salinities are not included in this account". Therefore at least some salinity data were collected, but not reported in the 1946 J.F.R.B. paper.

46-0001 Northwind

In 1946, Lt. James Moreau accompanied US Navy Task Force 68 as oceanographer. He used Nansen reversing bottles and thermometers, as well as BT's, and collected data to a maximum 750m depth. Due to a shortage of bottles, Moreau spread them out, with the result that the upper 125m was sparsely sampled. Metcalf (1949) reported Moreau's data along with the 1948 Eastwind results, but did not estimate any accuracies.

47-0001 Edisto

No information available.

48-0001 Eastwind

Nineteen hydrographic stations were made using Nansen bottles and reversing thermometers. BT's were lowered as well. Data was collected to 122m but concentrated in the upper layer. Metcalf (1949) provided no estimates of accuracy or precision.

48-0003 Heimdal, Steenstrup

The Conseil. Perm. Bull. Hydr. (1952) lists two vessels for this data set, although in the NODC data bank they have been combined under one number (#50295).

48-0004

Data filed with MEDS, but not supporting information on methods or accuracies. The data may also be stored at NODC.

48-0005

See 48-0004.

49-0002

Data filed at NODC, no supporting information available.

49-0003

The station information was reported in the Conseil Perm. Bull. Hydr. series and is stored at NODC; no supporting information (methods, accuracies) available.

50-0002 Edisto

The data and cruise summary are presented in the U.S. Hydrographic Office report (1954a). Depths were determined from the thermometer readings, checked against the meter wheel when wire angles were low. Oxygen analyses were done on board. The report does not elaborate on the T/S measurement techniques.

50-0003

See 49-0003.

50-0004

The station information was reported in the Conseil Perm. Bull. Hydr. series, however, no details on methods or accuracies were available.

50-0005

See 50-0004.

51-0005

See 49-0003.

51-0006 Edisto

The data are reported in U.S. Hydrographic Office (1954a), but no details of methods or accuracies are provided.

52-0003 Edisto

See 51-0006. The U.S.H.O. (1954a) reports that surface current observations were made and "At Bridport Inlet, Jones Sound, and Lancaster Sound, the surface current generally flows from west to east at an average speeds of 3 knots."

52-0005 Dana

See 49-0003.

52-0006 Atka

This cruise concentrated on the Labrador Sea/Davis Strait area, but 5 stations (31-35) were occupied in Baffin Bay, and 5 in Smith Sound. No details on measurement methods and accuracies are provided in the cruise report (U.S.H.O. 1954a).

52-0007 L'Aventure

See 50-0004.

53-0005 Dana

See 49-0003.

53-0006 Atka

The data are presented in a cruise report (U.S.H.O. 1954b) but no mention of methods or accuracies is given.

53-0007 Atka

See 53-0006. Salinity and dissolved oxygen were determined on board ship. Visual observations of currents were made.

53-0008 Pursuit

See 49-0002.

53-0009

One station reported by Tapager (1955) is apparently related to the Atka cruise (ID 53-0007) and the 53-0010 data set.

53-0010

As part of a US Navy study of sea ice, temperature and salinity data were collected in North Star Bugt and Wolstenholme Fjord, near Thule. McGough (1956) reports the data but does not provide the instrument type or accuracy.

53-0011 L'Aventure

See 50-0004.

53-0012 Adolf Jensen

See 50-0004.

54-0001 Labrador

Bailey (1957) provides a very brief account of the cruise. No details on methods or accuracy are provided, however, he does indicate that the data were analyzed and compared with other data from the same area.

54-0006 Dana

See 49-0003.

54-0007 Atka

See 49-0002. The U.S. Hydrographic Office report (15047-31) was unavailable, possibly still classified.

54-0008 Staten Island

Redfield and Friedman (1969) used salinity and deuterium data from station 2 (in Eclipse Sound) of this cruise. No details on the measurement methods were provided. No other documentation has been found; it is suspected that other stations were occupied.

54-0009

These data are stored at MEDS. Their files have the start/stop dates, spanning the period 05/28/1954-07/29/1955. It seems that the 1954 data were collected further west, outside the Baffin Basin, since only data collected in 1955 appears in this area.

55-0004 Dana

See 49-0003.

55-0005 Atka

See 49-0002.

55-0006 Anton Dohrn

See 50-0004.

55-0007

T/S data were collected using reversing bottles and thermometers. Air temperatures were often below the -5°C minimum temperature of the auxiliary thermometer and Ellis (1956) considered the values accurate to only 0.05°C. Salinities were measured at one of the stations in Eclipse Sound using a hydrometer, accurate to $\pm 0.2^{o}/oo$. Freezing of some water samples occurred and the data was not reported.

56-0003 Labrador

See 48-0004.

56-0005 Dana

See 49-0003.

56-0006 Eastwind

Bottle casts and BT's were used to collect data. No description of methods or accuracies is given in the US Hydrographic Office report (1960).

57-0001 Spar

The bulk of the stations were in the Northwest Passage, only station 24 was in Baffin Bay. Bottle casts and reversing thermometers were used. No accuracies are specified in the data report (US Hydro. Office, 1959).

57-0006 Dana

See 49-0002.

58-0002

See 48-0004.

58-0003 Dana

The data were reported in the Conseil Perm. ICES Data Lists, and are stored in the NODC data bank. However, no supporting documentation concerning methods and accuracies was found.

58-0004 Westwind

See 49-0002. The reference U.S. Oc. Off. (1963a) was not available.

58-0005 Atka

See 58-0004.

59-0005 Westwind

Nansen bottles and paired reversing thermometers were used to collect T/S data. If the thermometers agreed to within 0.06°C the average was recorded. Conductivity of the samples was measured using a conductivity bridge at NAVOCEANO, about 3 months after the samples had been collected. Each salinity analysis was done twice and values were rejected according to how they fell on a salinity versus depth plot. The US Oceanographic Office reported the data (US Oc. Off., 1963b) but did not provide estimates of precision/accuracy for the salinity data.

59-0006 Dana

The station information was reported in the Conseil. Perm. ICES Data Lists, and is stored at NODC. No supporting information (methods, accuracies) available.

59-0007 Gauss

See 48-0004.

59-0008 (in conjunction with the Westwind cruise)

Senior (1961) reports data taken off DeLong pier (Thule) as part of a U.S. Navy study of the effects of air-bubbling on the retardation of ice growth. T/S data were collected but Senior did not provide details on the methods or accuracy. An attempt was made to transmit current meter data to the Westwind, but the data were either below threshold levels or else unreadable.

60-0005 Labrador

Knudsen bottles and reversing thermometers were used to collected T/S data. Thermometers were read twice independently. Salinity was determined ashore by chemical titration. No water samples were collected at surface at stations 72 to 84, due to a shortage of bottles.

60-0009 Westwind

Nansen bottles and paired reversing thermometers were used. The differences between the two thermometer readings were usually less than 0.04°C and the average was recorded. Salinity was determined about 2 months later using a conductivity bridge. A salinity versus depth plot was used to detect and delete bad values. The data are reported in the U.S. Naval Oceanographic Office IMR Report No. 0-62-63 (1964), but no estimates of salinity precision/accuracy are supplied.

61-0004 Labrador

Knudsen bottles, with paired reversing thermometers were used to collect water samples at standard depths. Salinity was determined in Ottawa using a conductivity salinometer (Cox, 1961) with an extended range bridge. Standard deviation of temperature and salinity was 0.02°C and 0.004°/oo. Three suspect values were noted for station 79.

61-0010 Edisto

The data are stored at NODC; Barber and Huyer (1971) include the stations in an atlas presentation. No details on methods or accuracy available.

61-0011 Dana

See 61-0010.

61-0012 Ice Camp

A small house was set up on the ice in Jones Sound about 3 km from shore, over 80 m of water. The approximate location was 75°45'N, 84°32'W. Water samples were collected using Nansen bottles fitted with a protected reversing thermometer. Salinity was determined by titration at Woods Hole Oceanographic Institution. Apollonio (1963) reported the data but did not estimate precision/accuracy for the temperature and salinity values.

61-0013

The MEDS water level data set (#610001) for Jones Sound is probably part of data set 61-0012.

62-0006 Sir John A. MacDonald

Stations 24-29 of this cruise were located in Jones Sound. Knudsen bottles with paired reversing thermometers were used. Recorded temperatures were the mean of the two readings. Salinities were determined at BIO using a salinometer.

62-0007 Labrador

Both Knudsen and Nansen bottles were used, along with paired reversing thermometers. Salinity was determined at BIO using a NIO salinometer (Cox, 1961). The standard deviation of the salinity values was 0.005°/oo. The cruise report (CODC, 1967a) includes data listings and notes any suspect values.

62-0010 Atka

See 61-0010.

62-0011 Evergreen

See 61-0010.

62-0012

Possibly these water level data were collected during the Sir John A. MacDonald cruise (data set ID 62-0006).

63-0005 Evergreen

Paired reversing thermometers were used to measure temperature. Intercomparison yielded standard deviation and accuracy of 0.009 and ±0.01°C respectively (Franceschetti, 1964). Salinities were measured with a Wenner salinity bridge, standardized with Copenhagen water twice during each 8-12 hour salinity run. The precision and accuracy are believed to be 0.005 and 0.01°/oo. [Two samples, surface samples at stations 8757 and 8758, were analyzed with an inductive salinometer.]

Ten Richardson current meters were deployed at three sites across the narrow section of Smith Sound. The upper meters were at 50 m depth, with the deepest at 350 m. The meters had not been properly serviced and only one provided automatic readout. Two others failed, and the rest of the films had to be read by eye. Four of these had sticking vanes, negating the direction readings. Most of the records required corrections for the timing. The 150 m depth record at mooring 110 had questionable speeds; fouling of the rotor was suspected.

63-0006 Labrador

Nansen reversing bottles, with two thermometers each, were used to collect water samples. Salinity was determined on board using an inductive salinometer. CODC report (1967b) lists the data; standard deviations are given as 0.03°C and 0.003°/oo.

63-0007 Baffin

The cruise was part of the Norwestlant 2 survey and concentrated along the southwestern Greenland coast, south of latitude 68°. Only 2 stations were made in the Baffin Basin study area. Knudsen reversing water bottles (teflon coated inside) were used. Salinity was determined from the conductivity as measured by an inductive salinometer. The CODC report (1968b) states the following standard deviations: 0.02°C, 0.003°/oo, and 0.05 oxygen.

63-0008 Dana

The Dana participated in the Northwestlant 3 survey, mainly south of 68° latitude. Five stations were north of 68° latitude near Disko Bay, and are reported in CODC (1968b). At most stations insulating water bottles were used above 200 m depth, Knudsen bottles at greater depths. Salinity was determined by conductivity salinometer in Copenhagen. Standard deviations were reported to be 0.02°C and 0.003°/oo.

64-0006 Dana

Hermann (1966) presents the results as vertical section plots of temperature and salinity, but provides no details on methods, accuracy, or problems encountered.

64-0007 Labrador

Knudsen bottles were used to collect water samples at standard depths. Salinity was determined at the Bedford Institute of Oceanography using the N.I.O. conductivity bridge no. 3; the standard deviation of determined salinities was 0.003°/oo.

65-0006 A.T. Cameron

See 48-0004.

65-0007 Labrador

CODC (1969a) reports other station data collected during this cruise but not the stations in Baffin Bay (only station 136 of the 126-136 is included). The northern part of this cruise may have been directed by a different agency and possibly reported elsewhere.

65-0008 W. Herwig

The data are stored at MEDS.

66-0004 Edisto

Teflon-lined water sample bottles and paired reversing thermometers were used. Temperatures were compared and some discarded due to erroneous values. The remaining provided a standard deviation of 0.006°C, and were believed (Palfrey and Day, 1968) accurate to ±0.01°C. Salinity was determined by using an RS-7A induction salinometer, following the procedures of Morse (1963). Precision and accuracy were estimated to be ±0.005 and ±0.01°/oo.

66-0007 Blue

See 49-0002.

66-0008 Dana

See 48-0004.

66-0009

See 48-0004. On the Labrador, geophysical work was being carried out in Baffin Bay from August through October (Barrett and Grant, 1966); perhaps personnel from this ship collected the water level data.

67-0002 Labrador

Reversing bottles were used to collect T/S data. Salinities were determined at the Atlantic Oceanographic Laboratory using a salinometer. At Craig Harbor (Jones Sound) and Pond Inlet (Eclipse Sound) current measurements were taken while the ship lay at anchor (Herlinveaux, 1974).

67-0003 Edisto

Nansen casts, with paired reversing thermometers, were used to collect T/S data. The thermometers agreed to 0.03°C or better. Salinity was determined using either on Industrial Instruments Model RS-7A or a Bisset-Berman Model 6220 inductive salinometer. Duplicate analyses were done, or more as required, until the agreement was to within 0.004°. Care was taken in the standardization of the instruments:

> "The salinometers were standardized with standard sea water before each series of determinations. Vials of substandard sea water prepared at NAVOCEANO were analyzed occasionally to ensure quality control, and a sample from a previous series was often included with a more recent series so that the precision of the analyses could be estimated. On the basis of these checks, it is estimated that in most instances the accuracy of the salinity analyses was $\pm$0.01°/oo or better." Ref. from U.S.Oc.Off. (1968).

67-0004 Novorossijsk

See 48-0004.

68-0001 Labrador

Reversing bottles and thermometers were used. Duplicate salinity samples were analyzed at the Pacific Oceanographic Group laboratory, using a conductivity salinometer, Herlinveaux (1970).

68-0003 W. Herwig

One station in Davis Strait; data stored at MEDS.

68-0004 Eastwind

Nansen casts, with paired reversing thermometers, were used to collect T/S data. Conductivity was determined by an on board inductive salinometer. Conductivity was then converted to salinity using the International Oceanographic Tables. No estimates of data quality are given by Moynihan (1972a); the data are presented as listings and as vertical and horizontal section plots.

68-0005 Eastwind

Temperature data and water samples were collected using Nansen bottles (Moynihan and Tennyson, 1971). Salinity analyses were done on board but the method was not specified.

68-0006 Eastwind

Temperatures, using paired reversing thermometers, generally agreed to 0.06°C or better. Salinity was determined using a Bisset-Berman Model 6220 inductive salinometer. Duplicate analyses were done, and agreements were better than 0.004°/oo. Refer to U.S. Oceanographic Office (1969).

68-0007 Westwind

Two current meter moorings were deployed; each had a Braincon 316 at 100 m and a Geodyne 850-1 at 200 m depths. The actual depths may have differed due to line stretching (Muench, 1971a). The Braincon meters integrated speed and direction over 9-minute intervals (an additional minute was required to advance the film). Avis and Coachman (1971) present the results for the Braincon meters and suggest an accuracy of ±2 cm/sec, ±5°. The Geodyne meters were believed accurate to ±3% of the measured value, and ±20°. No report on the Geodyne data was uncovered; the reader should contact the Department of Oceanography, University of Washington, Seattle.

Oceanographic stations were also conducted (Muench, 1971) using reversing bottles. Temperatures were believed accurate to ±0.02°C. No unprotected thermometers were used; depths were determined from wire angle and wire out. Salinities were determined using a Bisset-Berman 6220 salinometer. A Copenhagen standard was run at least every second station. Values are believed accurate to ±0.02°/oo.

69-0004 Westwind

A Bisset-Berman model 9060 CTD was used to collect T/S data. Twenty Nansen bottle samples, along with reversing thermometers, were used for calibration. It was found that below 50 m the CTD recorded salinities 0.05 to 0.1°/oo too high, the error increasing with depth (Muench, 1971b). No errors were detected in the CTD temperatures. The positions of stations 00A-00D were considered to be less accurate than the others, due to the loss of LORAN coverage. Current meters were moored September 20-21 and recovered October 2 but did not provide any useful data.

69-0005 Ice Camp

Sampling was carried out from fast ice in western Kane Basin. Nansen bottles and reversing thermometers were used to collected T/S data. Muench (1971c) estimated the accuracies to be ±0.03°C and ±0.02°/oo.

Current data at 50 m depth were obtained using a Braincon Model 381 current meter. Speeds were estimated to be accurate to ±3% of the measured values, direction to ±20°. The report by Muench (1971c) includes speed and direction histograms. The data are available from the Department of Oceanography, University of Washington.

69-0006 Southwind

Water samples and temperature data were collected using Nansen casts and reversing thermometers. Conductivity was determined on board with an inductive salinometer. Salinities were then calculated using the International Oceanographic Tables. Moynihan (1971) discusses the data and presents plots and cross sections.

69-0007 Westwind

See 48-0004.

69-0008 Southwind

Nansen casts, with paired reversing thermometers, were used to collect T/S data. Conductivity was determined by an on board inductive salinometer. Conductivity was then converted to salinity using the International Oceanographic Tables. No estimates of data quality are given by Moynihan (1972a); the data are presented as listings and as vertical and horizontal section plots.

69-0010 Ice Camp

Four stations in Grise Fjord, three in South Cape Fjord, and two in Jones Sound were occupied in May 1969. Salinities were determined at the Woods Hole Oceanographic Institution. No details on time, locations, methods etc. are provided by Apollonio (1973).

69-0011

The stations were reported in the ICES Data List and the data are stored at MEDS.

69-0012 A.T. Cameron

See 48-0004.

69-0013 Westwind

Nansen casts, with paired reversing thermometers, were used to collect T/S data. Conductivity was determined by an on board inductive salinometer. Conductivity was then converted to salinity using the International Oceanographic Tables. No estimates of data quality are given by Moynihan (1972a); the data are presented as listings and as vertical and horizontal section plots.

70-0002 Hudson

See 59-0006; the reader should contact Bedford Institute of Oceanography for more detail.

70-0006 Westwind

Water mass information was collected using a self-contained salinity/temperature/depth recording unit, and bottle casts. Reversing thermometers, attached to the bottles, recorded temperature to ±0.02°C; the salinities of the water samples were measured using a Bisset-Berman Hytech Model 6220 salinometer, and were estimated accurate to ±0.02°/oo. These temperatures and salinities were used to calibrate the STD (Muench, 1972c). The STD was a Bisset-Berman Model 9060 with the following manufacturer's specifications:

	Accuracy	Resolution
Salinity °/oo	±0.05	±0.02
Temperature °C	±0.05	±0.05
Pressure	±0.25% full scale and ±0.10% half scale	

At no time did the temperatures and salinities obtained from the STD differ from those determined from the Nansen samples by more than the advertised accuracy (Muench, 1972c). Large T/S gradients in the upper 20 m of the water column made comparisons difficult there.

70-0011 Southwind

See 48-0004.

70-0012

See 48-0004.

70-0013 & 70-0015 Westwind

Nansen casts were used to collect water samples. An on board inductive salinometer determined conductivities which were then converted to salinity using the International Oceanographic Tables. Paired reversing thermometers were used.

Moynihan (1972b) states that a Bisset Berman Model 9060 STD was used at 10 stations (p. 2), with quality control provided by the bottle data. He does not specify the accuracies achieved. Also the listing indicates that the STD was used on all 31 of the stations from the first part of the cruise (August 16-24; cruise no. 8184) and all 33 stations of the second part of the cruise (September 3-9; cruise no. 31-1705).

71-0010 Louis S. St. Laurent

Ref: Sadler (1972c), Sadler (1973)

Makinson Inlet was surveyed as a possible Armed Forces base location. Oceanographic information was collected on September 2. Knudsen bottles with paired reversing thermometers were used. A current meter was lowered once but speeds were below the threshold value of 3 cm/s.

Temperature, from averaging two values, are believed accurate to 0.01°C; depths to ±2 m. Salinities were determined in Ottawa using a Bisset-Berman salinometer. One to five analyses were made per sample and the precision was estimated to be less than 0.003°/oo. The accuracy depended on the calibration of the salinometer and the standard used. Typically this is 0.02°/oo.

71-0011 Dana

Stations reported in ICES Data List (1974); data stored at MEDS.

71-0012 Fixed Stations

Braincon current meters were suspended at three sites from landfast ice in Robeson Channel (Chow, 1975a). All seven meters were less than 50 m deep, with the uppermost at 2.25 m depth. Sampling intervals were either 60 or 20 minutes. The meters recorded in analog form onto 16 mm photographic film. They were processed into digital form at Bedford Institute of Oceanography. Chow (1975a) presents an analysis of the data but does not provide estimates of accuracy. Chow noted one suspect speed value which probably was introduced during data conversion to digital format.

Bottle casts were used to collect samples. Salinity was determined later at the Pacific Environment Institute using an inductive salinometer. Reversing thermometers provided temperature (Herlinveaux, 1979). An Ott recording gauge with a submerged pressure sensor was used to obtain a month's record (April) of water level information.

71-0013 Louis S. St. Laurent

T/S data were collected in August from the Louis S. St. Laurent. Knudsen bottles were used, combined with paired reversing thermometers. Temperatures were believed accurate to 0.02°C and salinities, using a Bisset-Berman salinometer, precise to 0.005°/oo.

72-0018 Fixed Stations

A shore party by Robeson Channel made water mass and current measurements through the ice in the spring of 1972. Knudsen bottles and reversing thermometers were used.

Fourteen Braincon current meters were also deployed, and 6 Braincon thermographs, precision of 0.01°C, accuracy ±0.1°C (April 26-June 5, 6). Speed accuracy was estimated (Sadler, 1976b) at 6-10 cm/s; direction ±8° for along-channel flow and ±30° for cross-channel flow.

72-0020 Louis S. St. Laurent

The T/S data were collected using both reversing bottles and an STD (Muench and Sadler, 1973). The STD was believed accurate to ±0.05°/oo (±0.3°/oo at 0-200 m stn 1). Reversing thermometers were used for temperature, with an accuracy of ±0.02°C.

72-0021 Quest

See 49-0002.

72-0022

A report by the Danish Hydraulic Inst. (1979b, p. 44) states that data have been collected by Littlepage and Ellis in 1972, however, no details are provided. The report also states that measurements were taken during 1972-1977 by both the Geol. Survey of Greenland and the Greenland Fishery Investigations. These data cover the February-April and August-September periods; again no details are provided.

73-0015

See 72-0022.

74-0013

This cruise of the CSS Hudson was devoted primarily to geophysical work. However, one STD cast is mentioned in the BIO Cruise Report 74-026 Part I. No mention of the instrument or its accuracy is made.

74-0016

See 72-0022.

75-0034 Fixed Stations

Knudsen sample bottles and reversing thermometers were used. Salinity was determined using a Guildline "Autosal" salinometer Model 8400. Accuracies were considered (Chow and Finlayson, 1980) to be $\pm 0.03°C$ and $\pm 0.01°/oo$.

Water levels were measured at five stations using OTT gauges which had a pressure sensing head (in roughly 10 m water depth) and recorded on a paper drum.

Currents were measured using Marsh-McBirney electromagnetic current meters, oriented through rigid connection to surface. Chow and Finlayson (1980) analyzed the data, but did not provide estimates of accuracies.

75-0036

Temperature and salinity measurements in Marmorilik Fjord were made in September (Gron. Geol. Und., 1976). No details are provided. The collecting agency may have been B.C. Research.

75-0037

The moored Aanderaa current meters all had temperature and conductivity sensors, recording every 10 minutes. Subsurface currents were also recorded by the meters.

Water levels were recorded using OTT recorders at shore stations.

75-0041

As part of the North Water Project, temperature data to 50 m depth were collected at 4 stations in northern Smith Sound in the spring of 1975. Thermistor strings were used. The data are included in the Appendix of Ito (1981), however, there is no mention of accuracy.

76-0011

A 12 litre Knudsen cast and surface samples were collected in the oil slick area near Scott Inlet. No other information is given in the BIO Cruise Report No. 76-023.

76-0023 Northwind

A lightweight CTD profiler (developed at University of Washington) was used and T/S data from bottles were used for calibration. Adjustments of approximately -0.04°C and +0.2°/oo were required. Garrison (1977) reports the data but provides no estimates of precision/accuracy. Measurements of the reverberation from biological scatterers were also made.

76-0024

The moored Aanderaa current meters all had temperature and conductivity sensors, recording every 10 minutes. Water levels were recorded at shore stations using OTT recorders.

76-0025

Bohn (1976) reports on data collected in Marmorilik Fjord in March 1976; however this report was not available to the authors. The September 1976 stations are listed in Gron. Geol. Und. (1976).

76-0027

As part of the North Water Project, temperature profiles were obtained using thermistor strings and current profile data (to 11 m depth) collected using a direct reading "Schiltkrecht Mini Water" current meter, and a cumulative current meter Ott type 10.002/12.400. The data are in the Appendix of Ito (1981) but accuracies are not given.

77-0014 CSS Hudson

A rosette sampler was used, having 5 litre Niskin bottles and a CTD with oxygen sensors. The CTD was a Guildline Mark III analogue CTD system. The station locations are reported in B.I.O. (1977).

In most cases reversing thermometers were used to check the CTD temperatures, and salinities were determined using a Guildline Autosal model 8400 salinometer. Jones and Coote (1980) present an analysis based mainly on the nutrient data.

77-0018

Although this study concentrated on eastern Parry Channel, one of the drifters (# 1066) entered Baffin Bay through Lancaster Sound. Fissel and Marko (1978) present a track plot for this drogued drifter.

77-0027

The moored Aanderaa current meters all had temperature and conductivity sensors, recording every 10 minutes. Water levels were measured at several shore stations using OTT recorders. Offshore data was also collected using Aanderaa TG-2A pressure recorders.

77-0028 Westwind

A Bisset-Berman Model 9040 CTD was intended for use, but failed to operate properly. Therefore expendable bathythermographs and a rosette sampler with Niskin bottles were used. Paired reversing thermometers were read to 0.01°C, and salinities were determined using a Guildline Autosal 8400 salinometer, having a resolution of 0.001°/oo. Care was taken in calibrating the BT data in order to have reliable temperature results. A bottom sensor was used to measure variations in several parameters, including temperature. These data were not on the NODC computer but were received from S. Tooma at the Naval Oceanographic R&D center, NSTL Station, Bay St. Louis.

77-0029

BTs and reversing thermometers were used to measure temperature. Salinities were determined using either an Endeco refractometer, a salinometer, or by chloride titration.

77-0031 Adolf Jensen

On August 5, 1977 the USNS Potomac, while being escorted by the USCGC Westwind, spilled 380 tons of fuel oil into Melville Bay. The Danish research vessel Adolf Jensen arrived on August 13 to join the investigation of the spill and its effect. Stations 87-96 of data set 77-0031 were apparently occupied as part of the investigation. Petersen (1978) reports results of the studies but no details on methods, accuracies, locations, etc. It is not known if the Westwind also took physical oceanographic data.

78-0005 Theron

Temperature/salinity measurements were made using a Guildline Model 8706 CTD. Manufacturer's specifications for accuracy are salinity $\pm$0.005°/oo, temperature $\pm$0.005°C, and pressure $\pm$0.15% full scale. These more truly reflect the resolution of the instrument. No major problems occurred with the 1978 data and the accuracy is believed to be $\pm$0.02°/oo, precise to $\pm$0.005°/oo.

All current meters were subsurface moored, Aanderaa RCM-4 current meters. Fourteen moorings, involving 43 current meters were deployed and recovered in 1978. Directional accuracy of the vane sensors was generally $\pm$10 to 20 degrees. Temperature and equivalent salinity accuracies were estimated to be $\pm$0.05°C and 0.15°/oo. The speed measurements are accurate to $\pm$1 cm/s, or $\pm$2% of the speed, whichever is greater (manufacturer's specifications).

Current profiles were made using an Endeco type 110 profiling current meter, to depths of 50 m. Direction accuracy was about ±30 degrees. Speed uncertainty was estimated to be ±12 cm/s relative to ship motion. Absolute speed was calculated for stations within 6 miles of land only.

Fifteen drogued drifters were released in 1978 as part of the EAMES program. The report lists positions, velocities and includes track plots. Position accuracy was about ±2 km.

78-0020 CSS Hudson

This was a chemical oceanography cruise, therefore as well as CTD casts, bottle samples were also collected. The cruise report (BIO # 78-026) does not specify the CTD type or the data quality.

78-0023

Nansen bottle casts were used to collect T/S data. Reversing thermometers recorded temperature; unspecified analyses determined salinity (probably salinometer). Water levels were recorded using OTT recorders at shore stations.

78-0024

Five moorings were deployed over winter. Aanderaa RCM-4 current meters were used to record current velocity temperature and salinity. Directional accuracy was generally ±10 to 20 degrees. Speed measurements were accurate to ±1 cm/s or ±2% of the speed, whichever was greater (manufacturer's specifications). Temperature and equivalent salinity accuracies were estimated to be ±0.05°C and 0.15%.

78-0025

The Institute of Ocean Sciences moored a current meter at 37 m in Marmorilik fjord for the period October 16, 1978 to October 16, 1979 (Lewis and Perkin, 1982). The current meter recorded temperature and conductivity, as well as speed and direction.

A CTD was used to gather T/S data, however the Danish Hydraulic Institute report (1979b) states "... certain values, or entire profiles, may be false due to extraordinary circumstances during the measurement". All salinity values were reduced by 0.26°/oo.

79-0011 Theron

Temperature/salinity measurements were made using a Guildline Model 8706 CTD. Manufacturer's specifications for accuracy are salinity ±0.005°/oo, temperature ±0.005°C, and pressure ±0.15% full scale; these are more likely the resolution of the instrument.

For some profiles, the CTD salinities differed from water sample salinities by about 0.25°/oo and corrections were made. Accuracies are believed to be ±0.02°/oo on casts where water samples were taken, ±0.04°/oo otherwise.

All current meters were subsurface moored, Aanderaa RCM-4 current meters. Eighteen moorings and 54 current meters were successfully recovered. Directional accuracy of the vane sensors was generally ±10 to 20 degrees. Temperature and equivalent salinity accuracies were estimated to be ±0.05°C and 0.15°/oo. The speed measurements were accurate to ±1 cm/s, or ±2% of the speed, whichever is greater (manufacturer's specifications).

Thirty-four drogued drifters were released in 1979. The Argos satellite system produced positions accurate to about ±1.2 km.

Current profiles were made using an Endeco type 110 profiling current meter, to depths of 50 m. Direction accuracy was about ±30 degrees. Speed uncertainty was estimated to be ±12 cm/s relative to ship motion. Absolute speed was calculated for stations within 6 miles of land only.

79-0015

An Applied Microsystems CTD-12 was used for temperature and salinity measurements. Instrument problems reduced the salinity accuracy to ±0.2°/oo. Temperature and pressure were accurate to ±0.02°C and ±0.25 m. The data are presented (Birch, 1980) as listings and profile plots. Surface drifters were also tracked within 6 km of shore.

79-0023

Current meters were moored at 10 and 24 m (Lewis and Perkin, 1982). T/S data were also collected. Few details were provided.

80-0007 CSS Hudson

A Guildline 8770 CTD was used. The quality of the data is not discussed in the cruise report (BIO # 80-027).

80-0008

Temperature and salinity were measured using an Applied Microsystem CTD-12, as well as bottle casts and reversing thermometers. The water samples were analyzed using a salinometer. The CTD results were estimated to be accurate to ±0.02°C and ±0.07°/oo, whereas bottle sample salinities were determined to ±0.02°/oo. Both the CTD and bottle results were used in the analyses since the CTD was not operable the entire time.

Sub-surface currents were measured using Aanderaa RCM-4 current meters. The upper meters at two of the three moorings inadvertently ended up closer to surface than planned. As a result wave motion affected the records during periods of moderate to strong winds and Fissel and Birch (1981) excluded these data from the statistical analyses.

Surface drift was measured using eight drogued drifters, tracked through the ARGOS satellite system. Positional accuracies were ±1.2 km.

80-0012

These data are not fully processed yet.

80-0017 CSS Hudson

A rosette sampler with CTD and bottles was used. The cruise report (BIO # 80-028) mentions the fact that the CTD-Rosette system produced "adequate data" but was not working perfectly. No other details were supplied.

81-0019

Data stored at MEDS.

81-0020

These data are not fully processed yet.

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APPENDIX 2

INSTITUTIONS, AGENCIES AND INFORMATION CENTRES

1. Bedford Institute of Oceanography
   P.O. Box 1006,
   Dartmouth, Nova Scotia
   B2Y 4A2
   Phone: (902) 426-3870

2. Defence Research Establishment Ottawa
   Ottawa, Ontario
   K1A 0Z4
   Phone: (613) 992-8395

3. Defence Research Establishment Pacific
   CFB Esquimalt
   Victoria, B.C.
   V0S 1B0
   Phone: (604) 388-1921

4. Eidgenossische Technische Hochschule Zurich
   (Swiss Federal Institute of Technology)
   Ramistrasse 101,
   8092 Zurich
   Switzerland

5. Institute of Ocean Sciences
   P.O. Box 6000,
   Sidney, B.C.
   V8L 4B2
   Phone: (604) 656-8216

6. International Council for the Exploration of the Sea
   Palaegade 2-4
   DK-1261 Copenhagen K
   Denmark
   Phone: (0) 1 15 42 25

7. Marine Environmental Data Service
   7th West, 240 Sparks Street,
   Ottawa, Ontario
   K1A 0E6
   Phone: (613) 995-2041

8. McGill University
   Marine Sciences Centre
   Montreal, Quebec
   H3A 2T8

   Dr. E.R. Pounder (Ice Research)
   Phone: (514) 392-5127

9. National Oceanographic Data Center
National Oceanic and Atmospheric Administration
Code D761
2001 Wisconsin Ave., N.W.
Washington, D.C.
20235
Phone: (202) 634-7500

10. National Technical Information Service
U.S. Dept. of Commerce
Springfield, Virginia
22161
Phone: (703) 487-4650
NTIS handles the sale of most U.S. government publications

11. U.S. Naval Oceanographic Office
Washington, D.C.
20390

U.S. Naval Oceanographic Office
NSTL Station
Bay St. Louis, Mississippi
39522

12. Woods Hole Oceanographic Institution
Woods Hole, Massachusetts
Phone: (617) 548-1400

13. World Data Center A
Oceanography
National Oceanographic and Atmospheric Administration
Washington, D.C.
20235

Volumes available.

1. Beaufort Sea: Physical Oceanography - Temperature, Salinity, Currents and Water Levels.

2. Beaufort Sea: Chemical Oceanography.

3. Northwest Passage: Physical Oceanography - Temperature, Salinity, Currents and Water Levels.

4. Northwest Passage: Chemical Oceanography.

5. Baffin Bay: Physical Oceanography - Temperature, Salinity, Currents and Water Levels.