

**ARCTIC DATA COMPILATION AND APPRAISAL
VOLUME 8 (PART 2)
Beaufort Sea: Biological Oceanography - Seals
1826-1985**

by

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1986

**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

These 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 will contain raw and/or analyzed data but will not contain interpretations of the data. Such compilations will commonly 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 produced regionally but are numbered and indexed nationally. Requests for individual reports will be fulfilled 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 and the last number issued under each title are published in the *Canadian Journal of Fisheries and Aquatic Sciences*, Volume 38: Index to Publications 1981. The current series began with Report Number 1 in January 1982.

Rapport statistique canadien sur l'hydrographie et les sciences océaniques

Ces rapports 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'interprétations des données. Ces compilations sont préparées le plus souvent à l'appui de travaux reliés aux programmes et intérêts du service des Sciences et Levés océaniques (SLO) du ministère des Pêches et des Océans.

Les rapports statistiques sont produits à l'échelon régional mais sont numérotés et placés dans l'index à l'échelon national. Les demandes de rapports seront satisfaites par l'établissement auteur dont le nom figure sur la couverture et la page de titre. Les rapports épuisés seront 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 depuis décembre 1981. Vous trouverez dans l'index des publications du volume 38 du *Journal canadien des sciences halieutiques et aquatiques*, la liste de ces publications ainsi que le dernier numéro paru dans chaque catégorie. La nouvelle série a commencé avec la publication du Rapport n° 1 en janvier 1982.

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ARCTIC DATA COMPILATION AND APPRAISAL
VOLUME 8 - PART 2

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1826-1985

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PREFACE

These catalogues are produced by the Ocean Information Division at the Institute of Ocean Sciences and the Environmental Secretariat at the Freshwater Institute. Joint government and industry contract projects have catalogued marine data sets, their focus being mainly on oceanography and fisheries. Data quality appraisals are included to assist in establishing the usefulness of given data for particular analyses or purposes. The ratings also determine the confidence that can be placed on interpretations incorporating those data.

The appraisals will assist in establishing priorities for incorporating the most useful data in the national Marine Environmental Data Service (MEDS) archives. Additional uses of the catalogues include research planning and the provision of the best available resume of marine data sources for environmental assessments and land use planning.

In the past, the pace of offshore development activity has emphasized the need to review the sufficiency and suitability of available scientific information for design, regulatory and planning purposes. The review is a three stage process: 1) compilation and appraisal of the existing data sets; 2) analysis of the suitability of existing data sets for contributing answers to questions of concern, and; 3) analysis and interpretation of data and estimation of scientific confidence in the answer to the particular question. This seal catalogue for the Beaufort Sea represents part of the results of the first stage.

Brian Smiley and Larry de March
Scientific Editors
Arctic Data Compilation and Appraisal Series

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ABSTRACT

Harwood, L.A., L.A. Turney, L. de March, B.D. Smiley and P. Norton. 1986. Arctic Data Compilation and Appraisal. Volume 8. Beaufort Sea: Biological Oceanography - Seals, 1826-1985. Can. Data Rep. Hydrogr. Ocean Sci. 5:(Vol. 8, Part 1, 352 p., Part 2, 301 p.).

This volume is one of a group of catalogues designed to compile and appraise marine data sets for the Canadian Arctic. For ease of reference, the group has been organized with its subject matter divided into three disciplines: physics, chemistry, and biology. The Arctic has been arbitrarily divided into seven geographical areas to include, where possible, major oceanographic regions. The format has been structured to facilitate comparison between 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 invited to submit corrections and additions by writing the issuing establishment. These corrections will be incorporated in on-line computerized data set listings; they will be continuously available upon request.

RESUME

Harwood, L.A., L.A. Turney, L. de March, B.D. Smiley and P. Norton. 1986. Arctic Data Compilation and Appraisal. Volume 8. Beaufort Sea: Biological Oceanography - Seals, 1826-1985. Can. Data Rep. Hydrogr. Ocean Sci. 5:(Vol. 8, Part 1, 352 p., Part 2, 301 p.).

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'intérieur 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 à soumettre par écrit les corrections et les additions à l'établissement auteur. Ces corrections seront traitées en direct sur ordinateur et incorporées aux listes qui pourront être obtenus sur demande.

ACKNOWLEDGEMENTS

The preparation of this inventory was funded by the Dept. of Fisheries and Oceans (DFO) through the Northern Oil and Gas Action Program (NOGAP). The Fisheries Joint Management Committee established according to the terms of the Inuvialuit Final Agreement (Western Arctic Claims) provided publishing costs. Larry de March of the Freshwater Institute (DFO) was the Scientific Authority for the project. Others who contributed to format design were Dave Thomas and George Floyd (Arctic Laboratories Ltd.).

Many people provided useful suggestions and insight, and access to unpublished data, reports and field notes. In particular, we thank Ian Stirling (Canadian Wildlife Service), Michael Kingsley (DFO), Rupert Tingling (Government of Northwest Territories) and John Ward (Dome Petroleum Ltd.). Don Ljungblad (Naval Ocean Systems Center, San Diego), David Rugh (National Marine Mammal Laboratory, Seattle), Rob Stewart (DFO), John Richardson (LGL Ltd.) and John Ford (DFO) also provided assistance.

The authors wish to acknowledge the contributions of the many people who assisted with the production of the manuscript. Word processing of this report was done by Jim Lepard, and earlier drafts by Christine Surtees, proofing by Colleen Bryden and Rick Cormier, and photocopying of the inventoried reports by Jan Bradley. Susan Ball digitized the maps (Section 10), and Ann Blyth and Brian Sawyer drafted the figures. Sharon Thompson provided technical editing and assistance with publishing.

ARCTIC DATA COMPILATION AND APPRAISAL

VOLUME 8 - PART 2

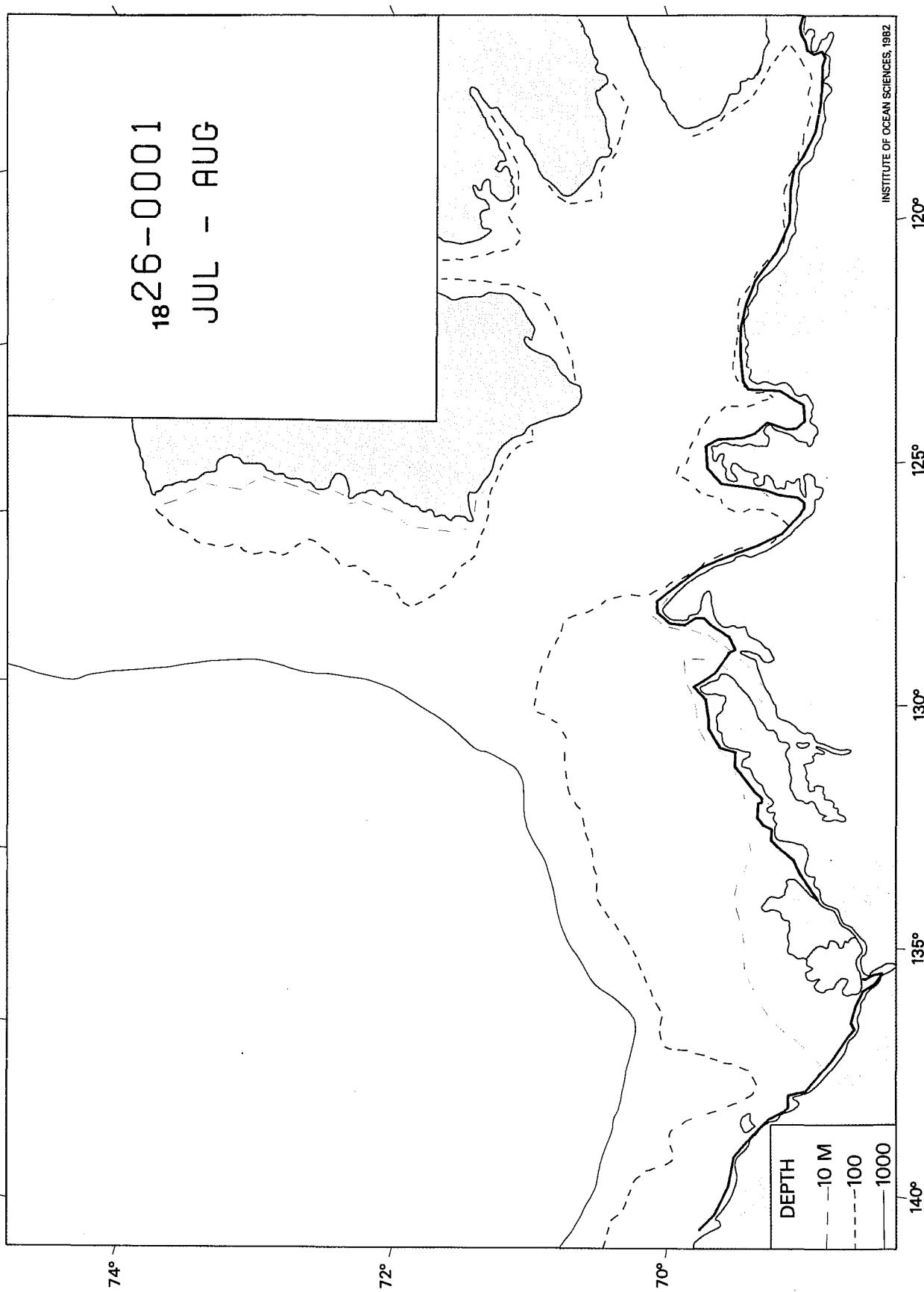
BEAUFORT SEA: BIOLOGICAL OCEANOGRAPHY - SEALS
1826-1985

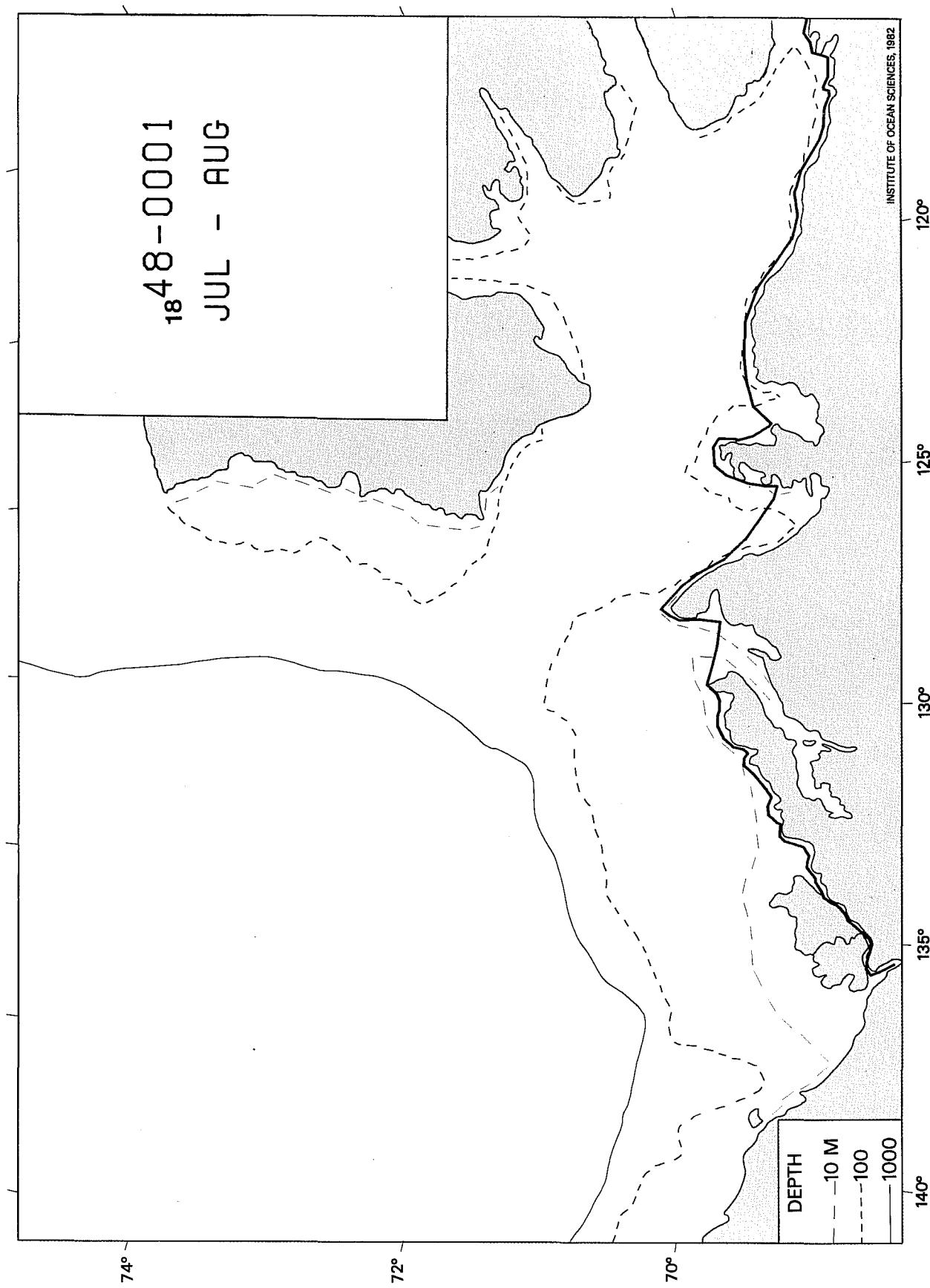
9. MAPS

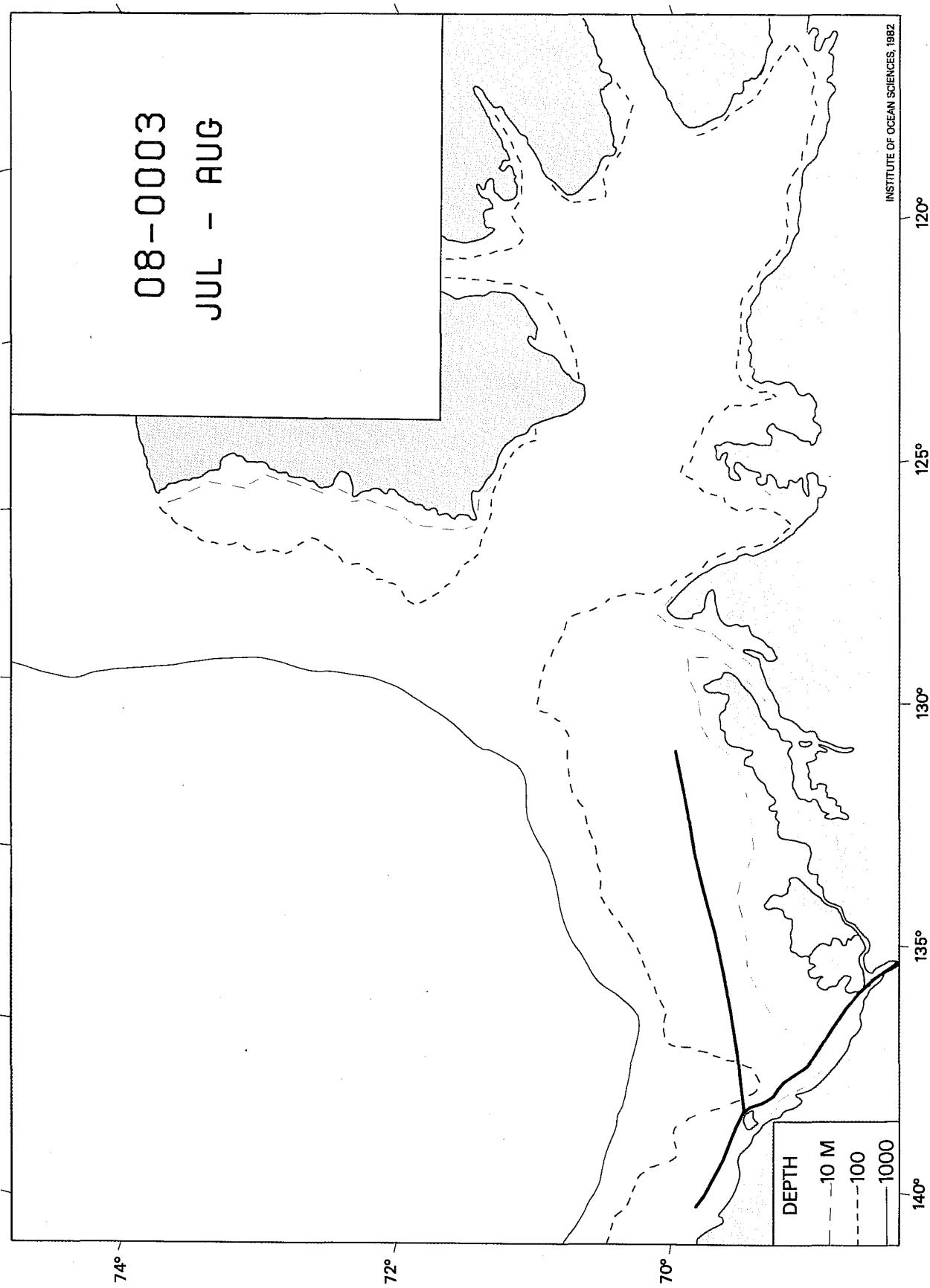
The locations of seal measurements are plotted on a series of maps. The base map is a Lambert Conformal Conic projection with standard parallels of 71°N and 73°N, drawn to a scale of 1:4 680 000.

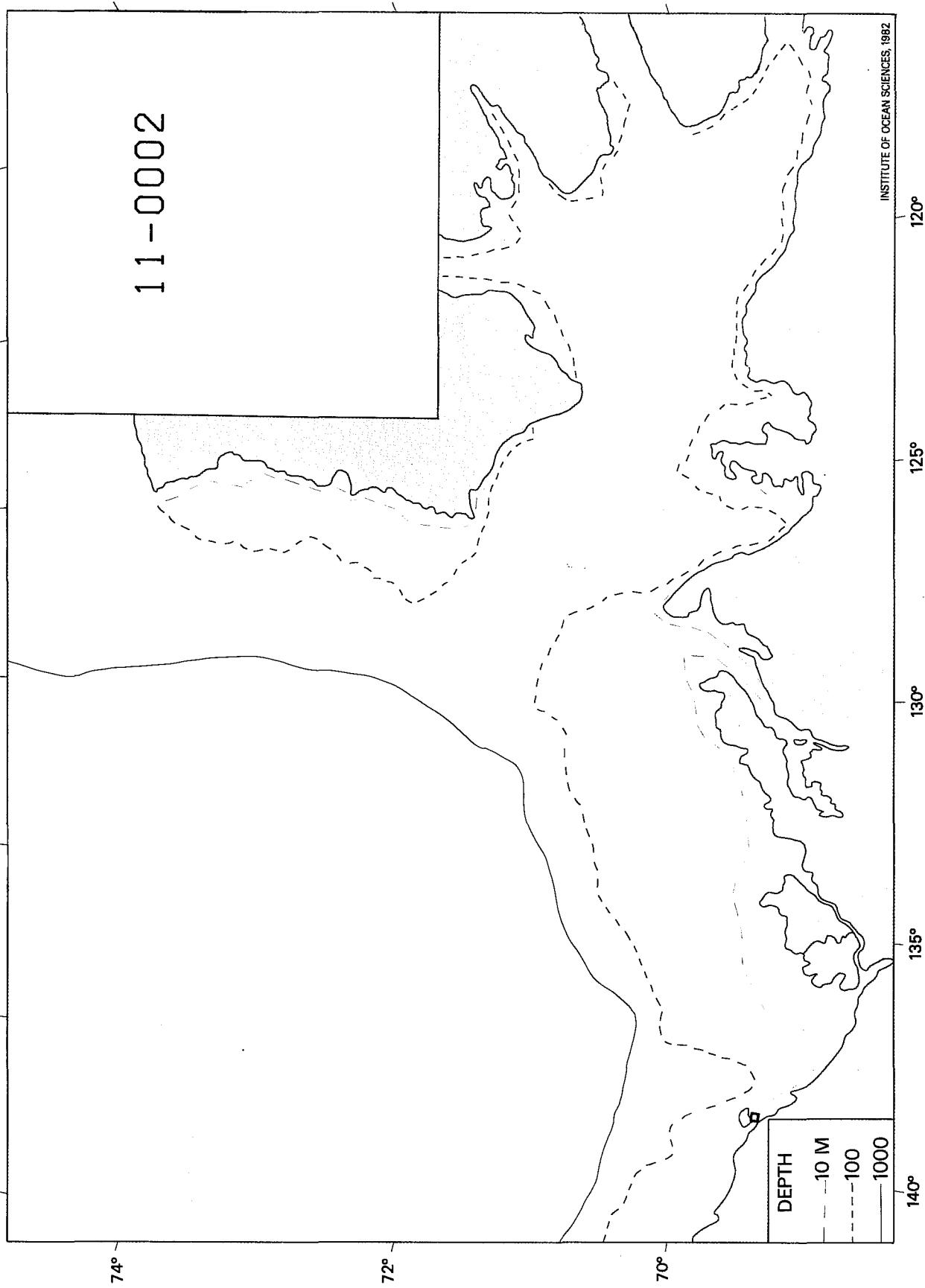
The maps were prepared for six bi-monthly intervals (January-February, March-April, May-June, July-August, September-October, November-December). A seventh interval, with no explicit dates, is used in some maps for cases where sampling/measurement dates were not specified (e.g. 60-0064). If the specific locations sampled were known, this is indicated on the maps with black dots or lines. If only the general area sampled is known and the sampling program was mobile, the boundaries are indicated and the general area hatched.

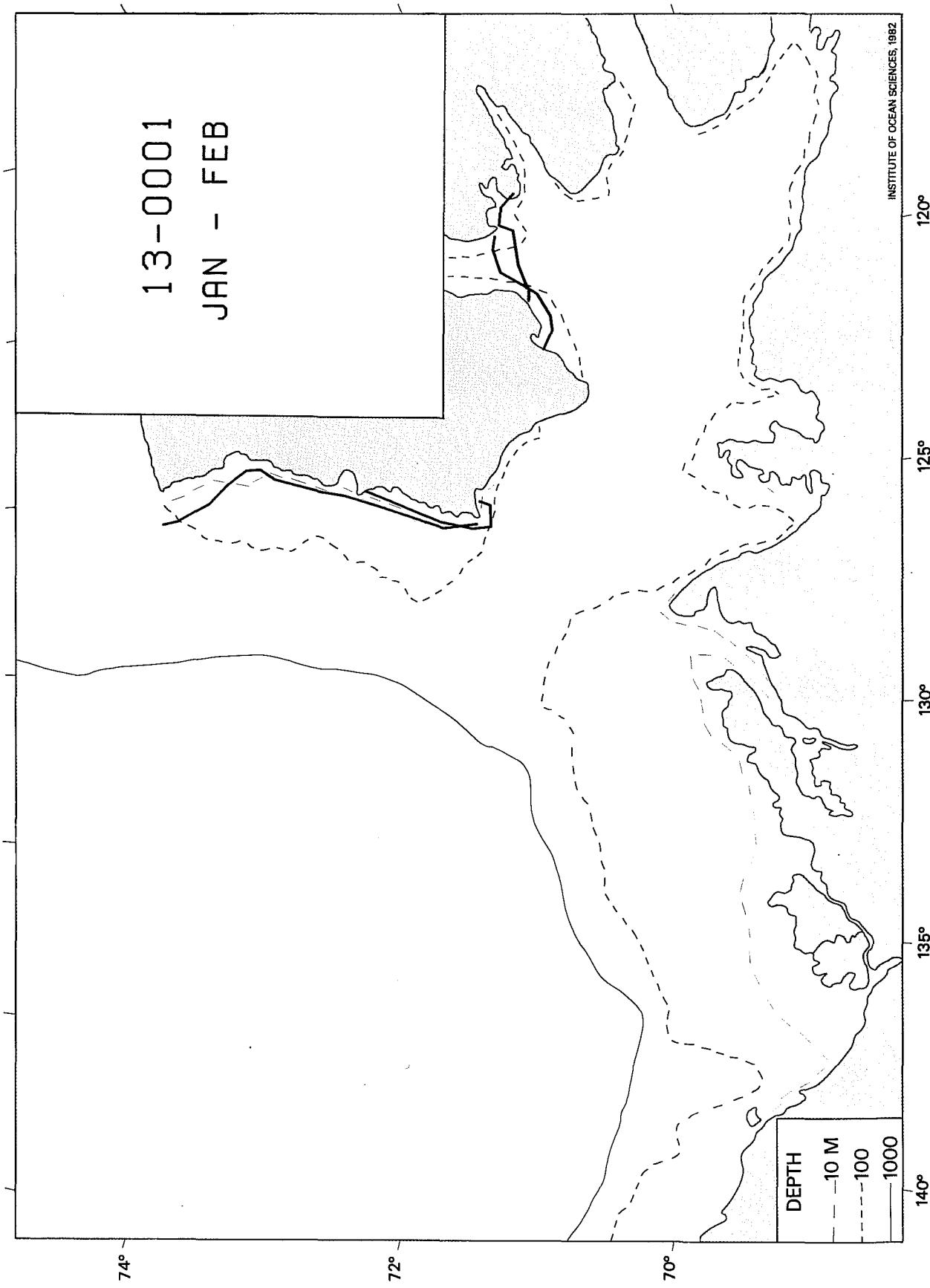
The maps are organized by data set number, starting with the earliest. Within each data set, the maps are organized chronologically. There was insufficient information in some cases to prepare a map. These cases are noted in Appendix 1.

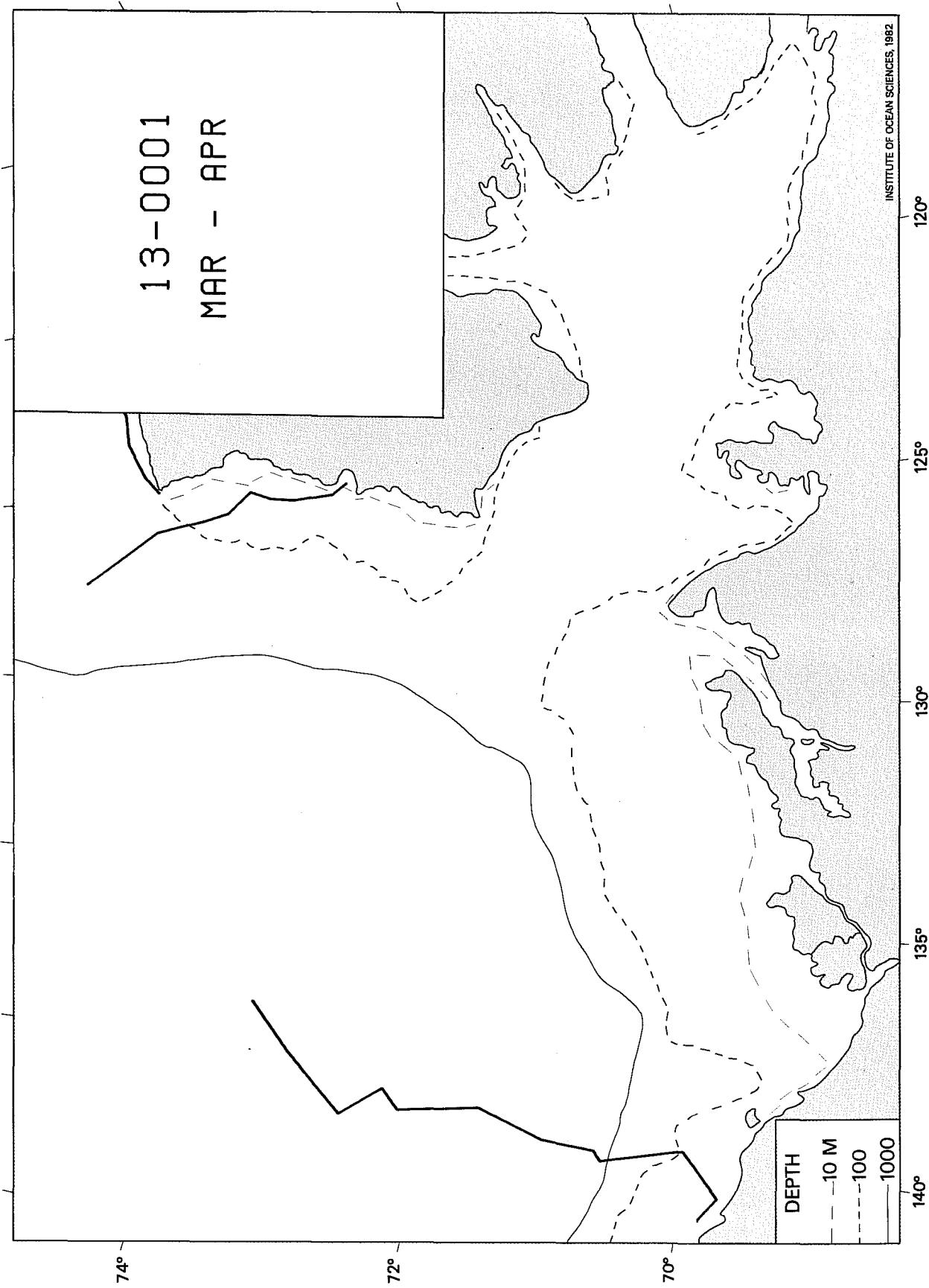


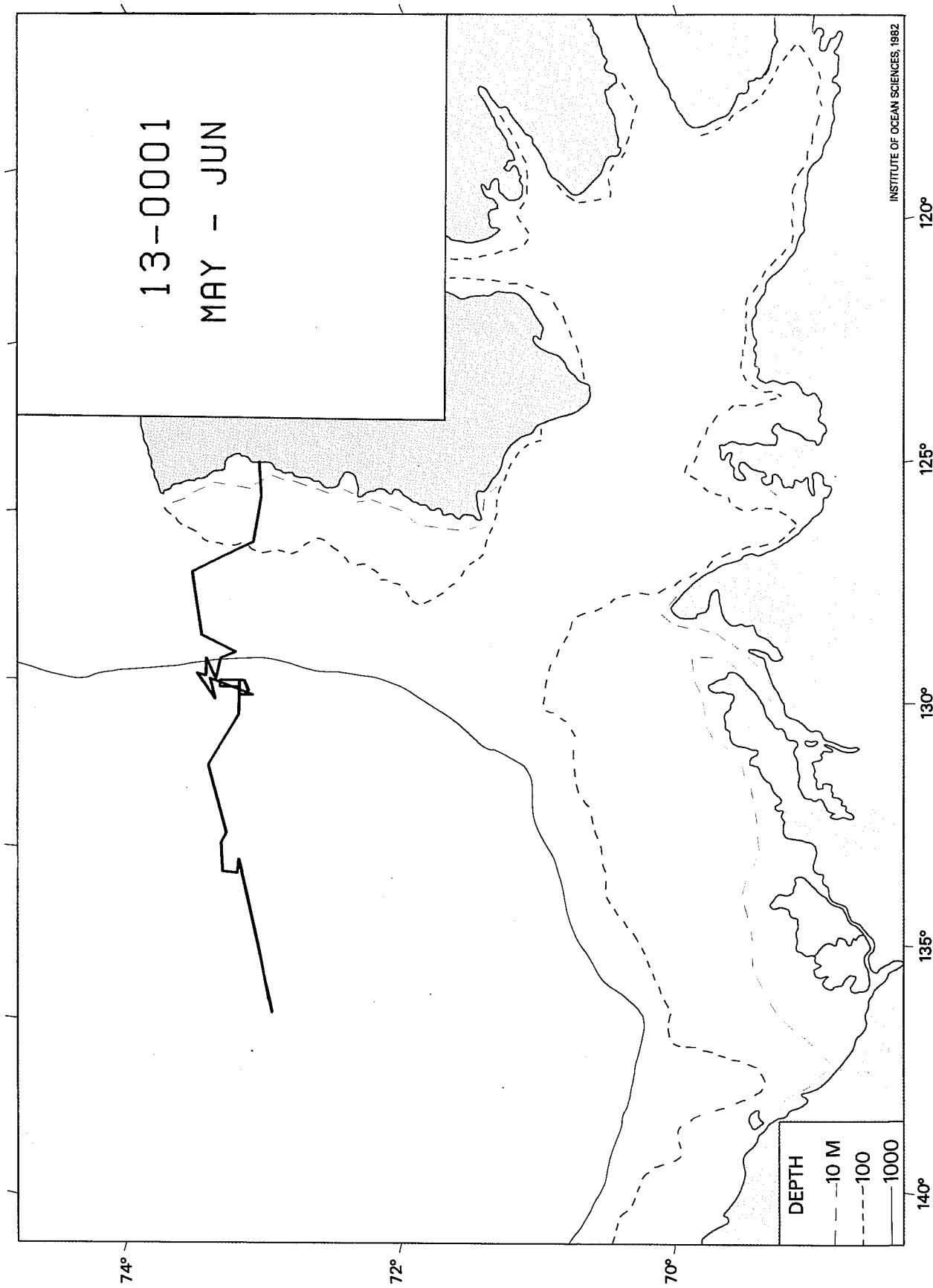


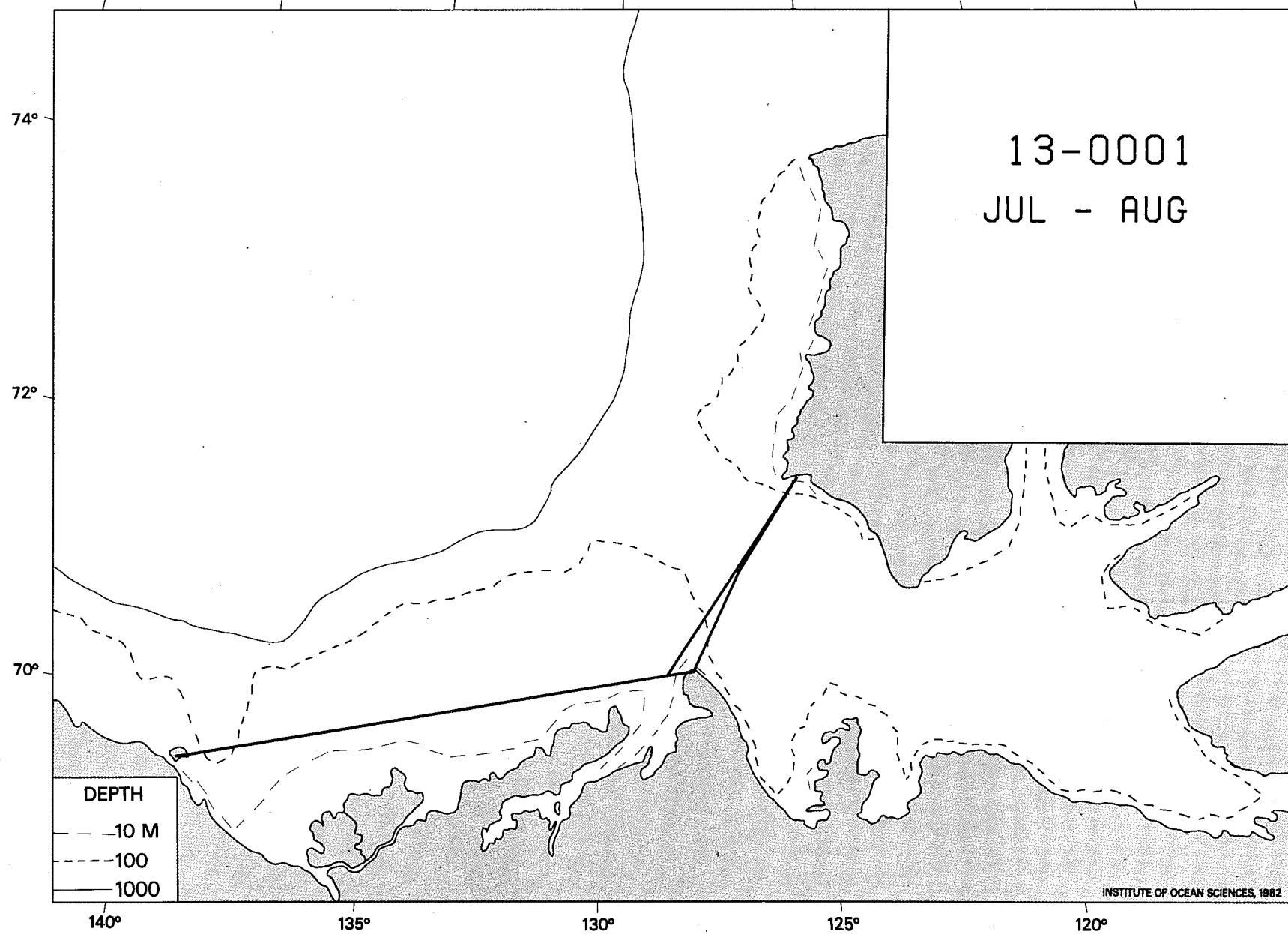


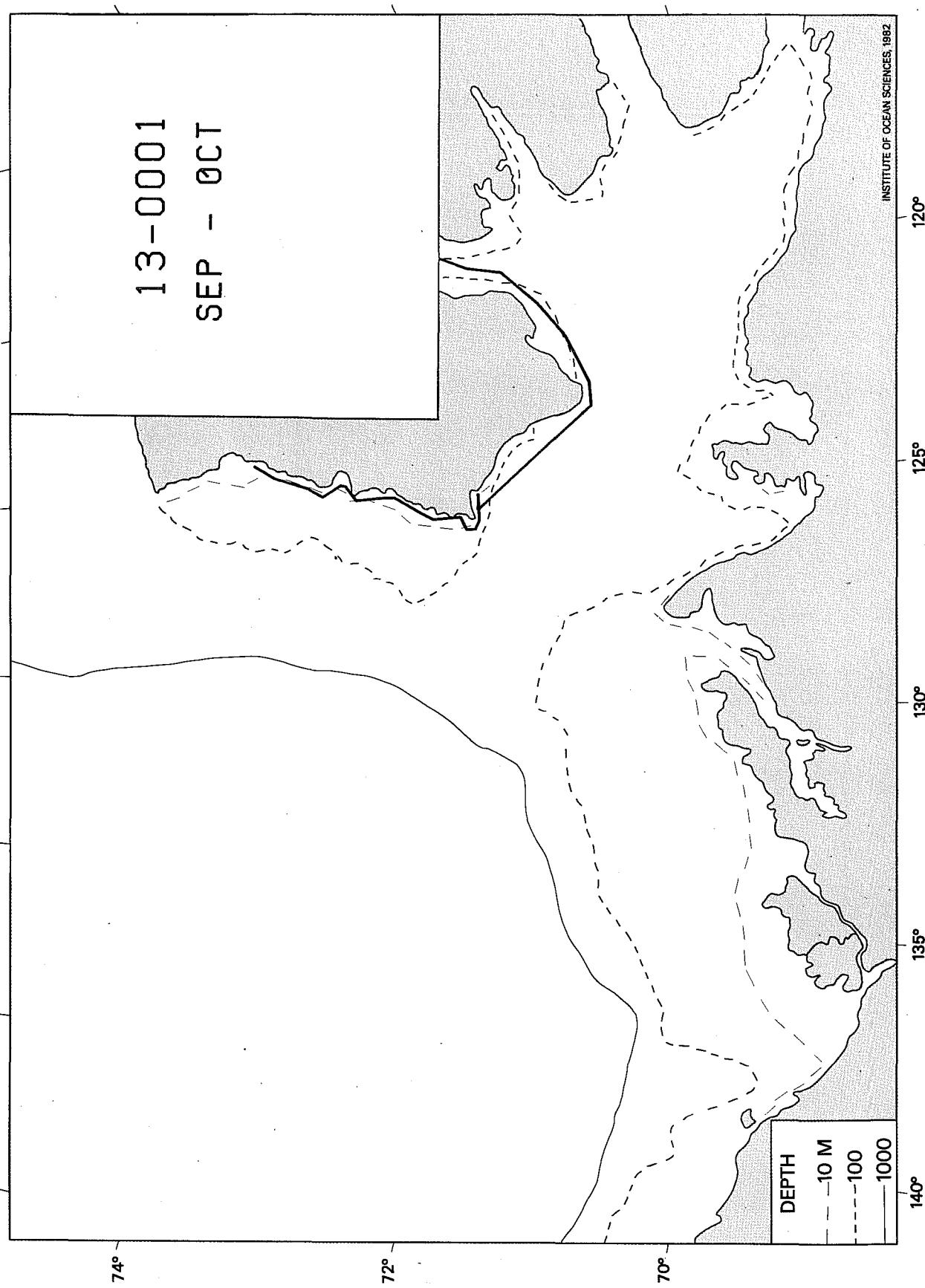


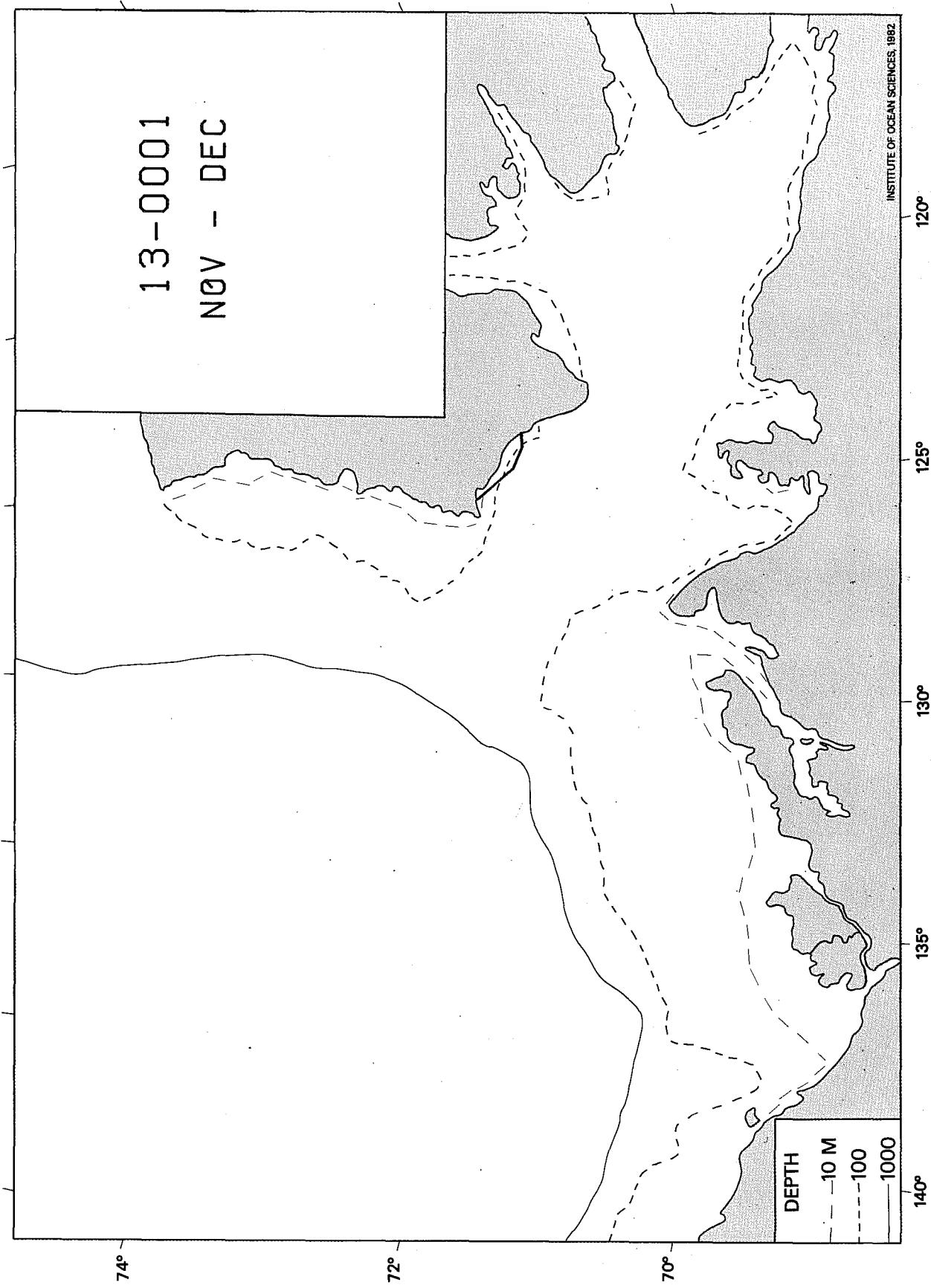


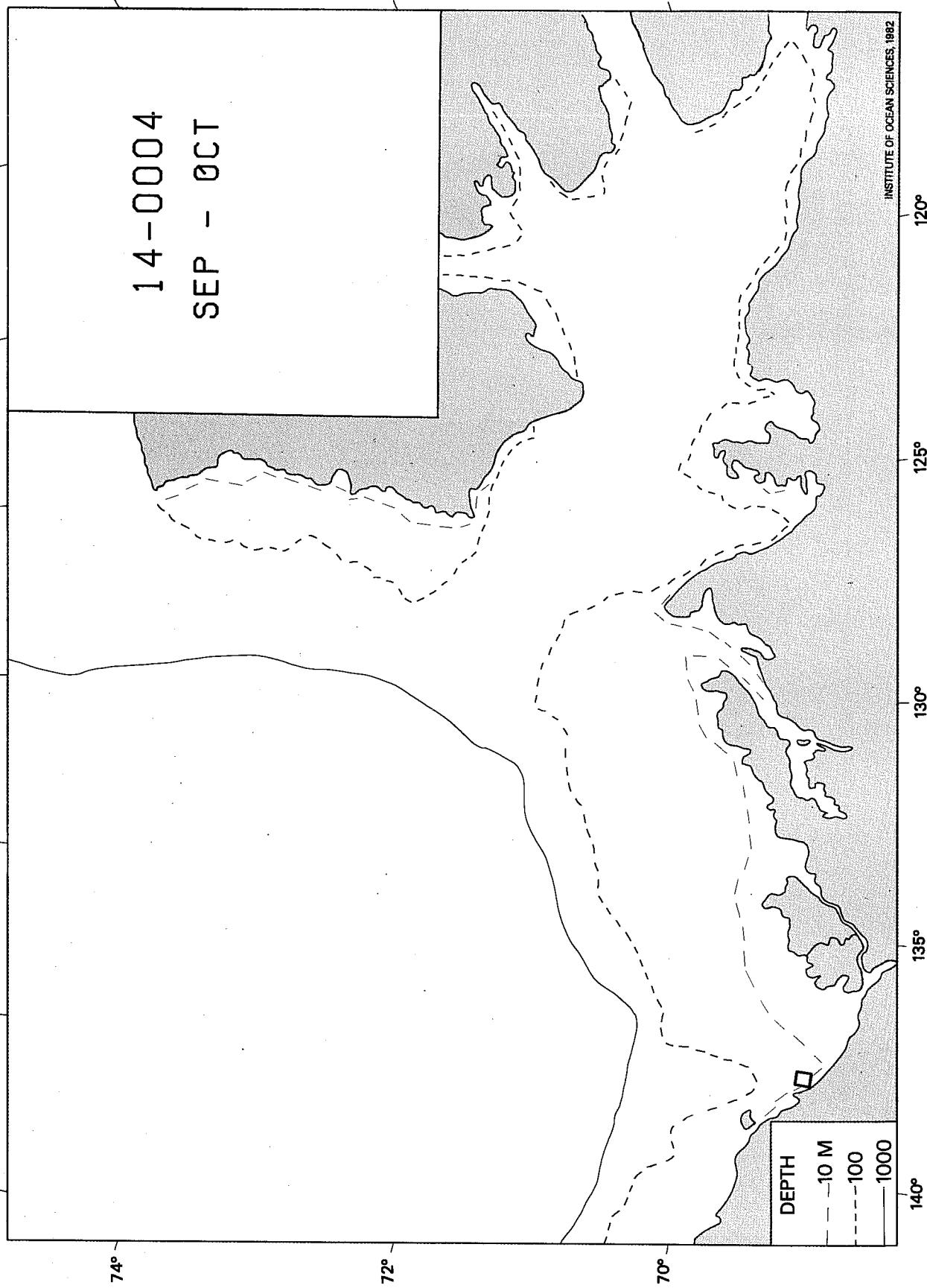


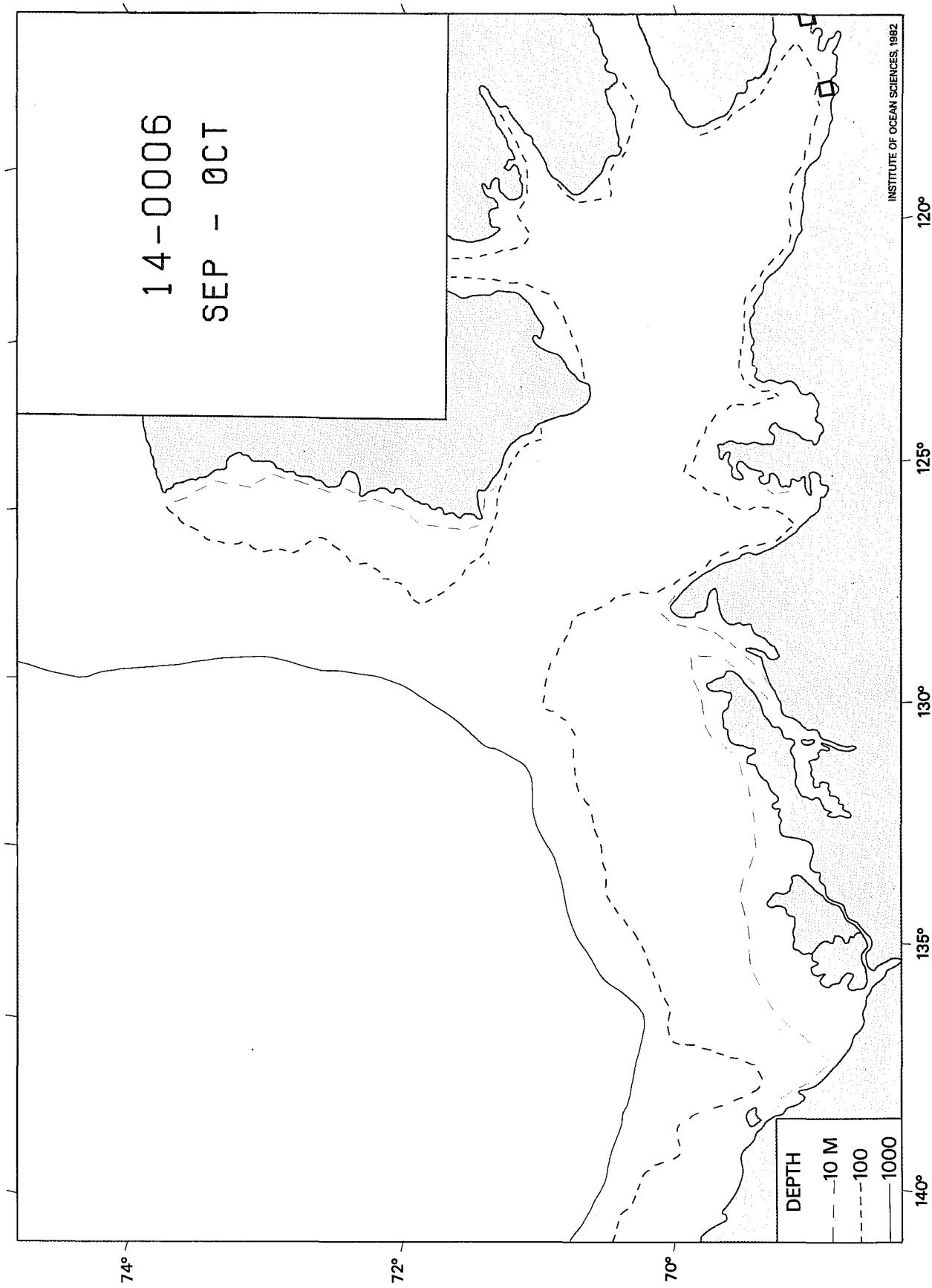


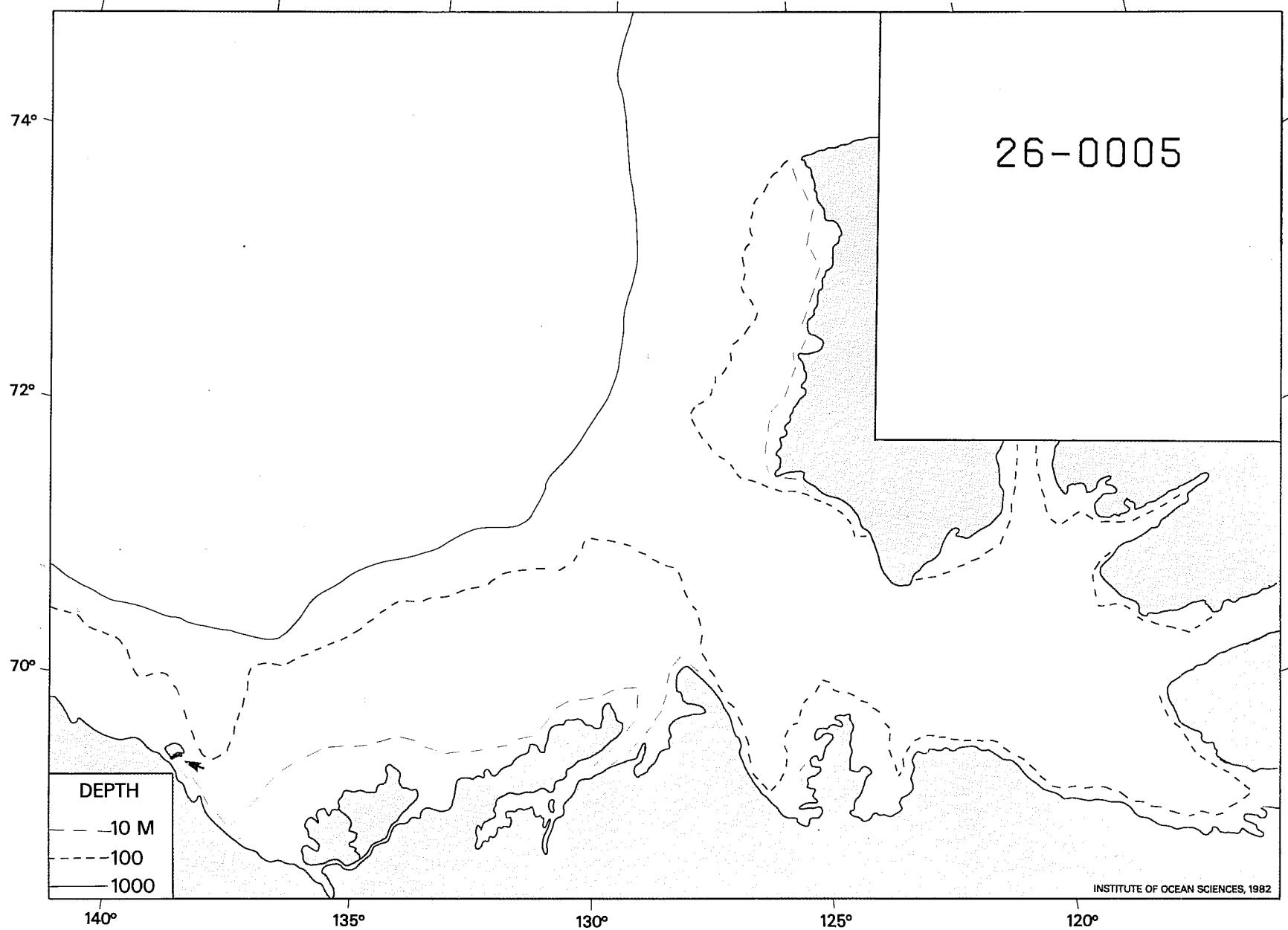


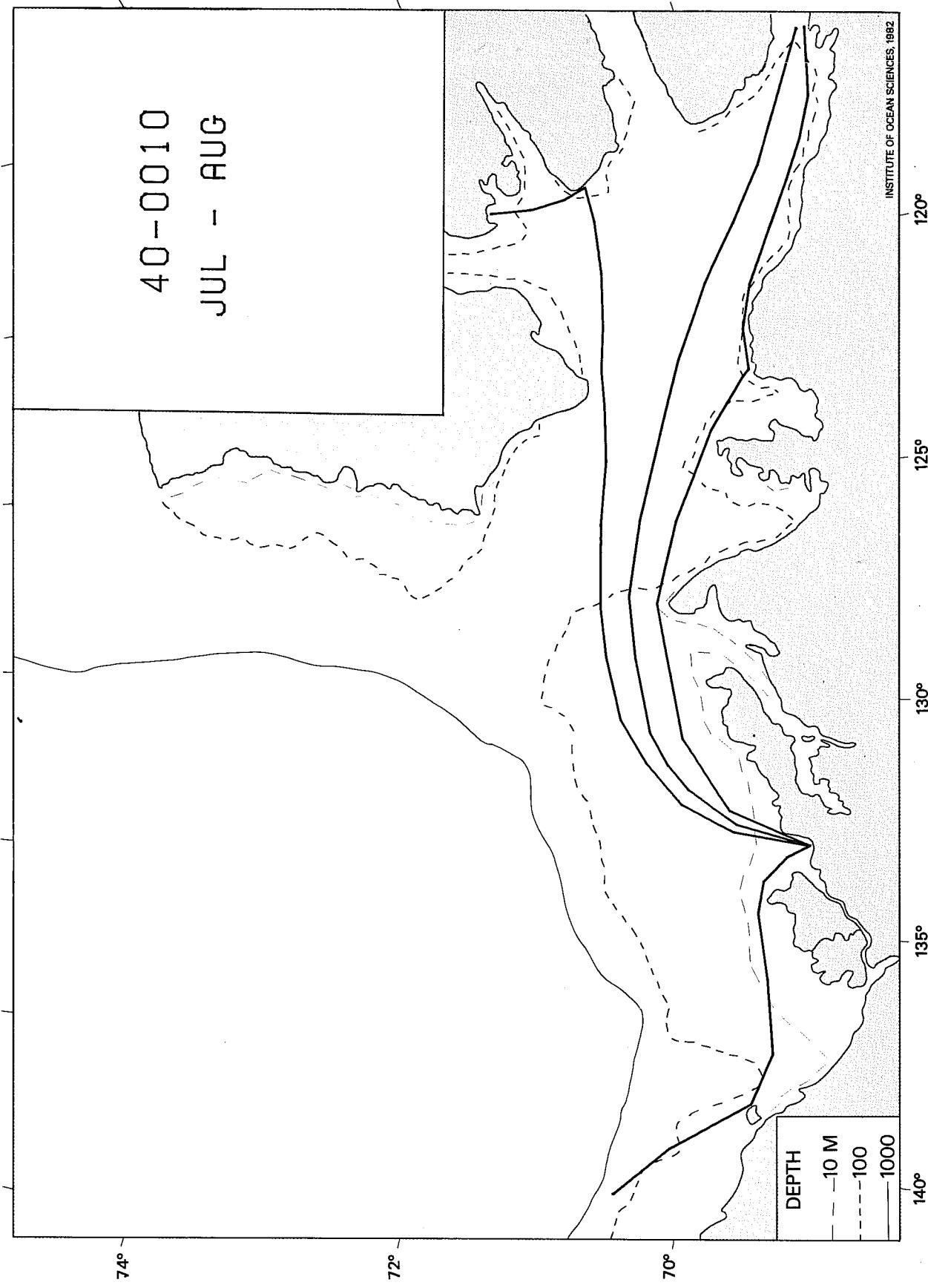


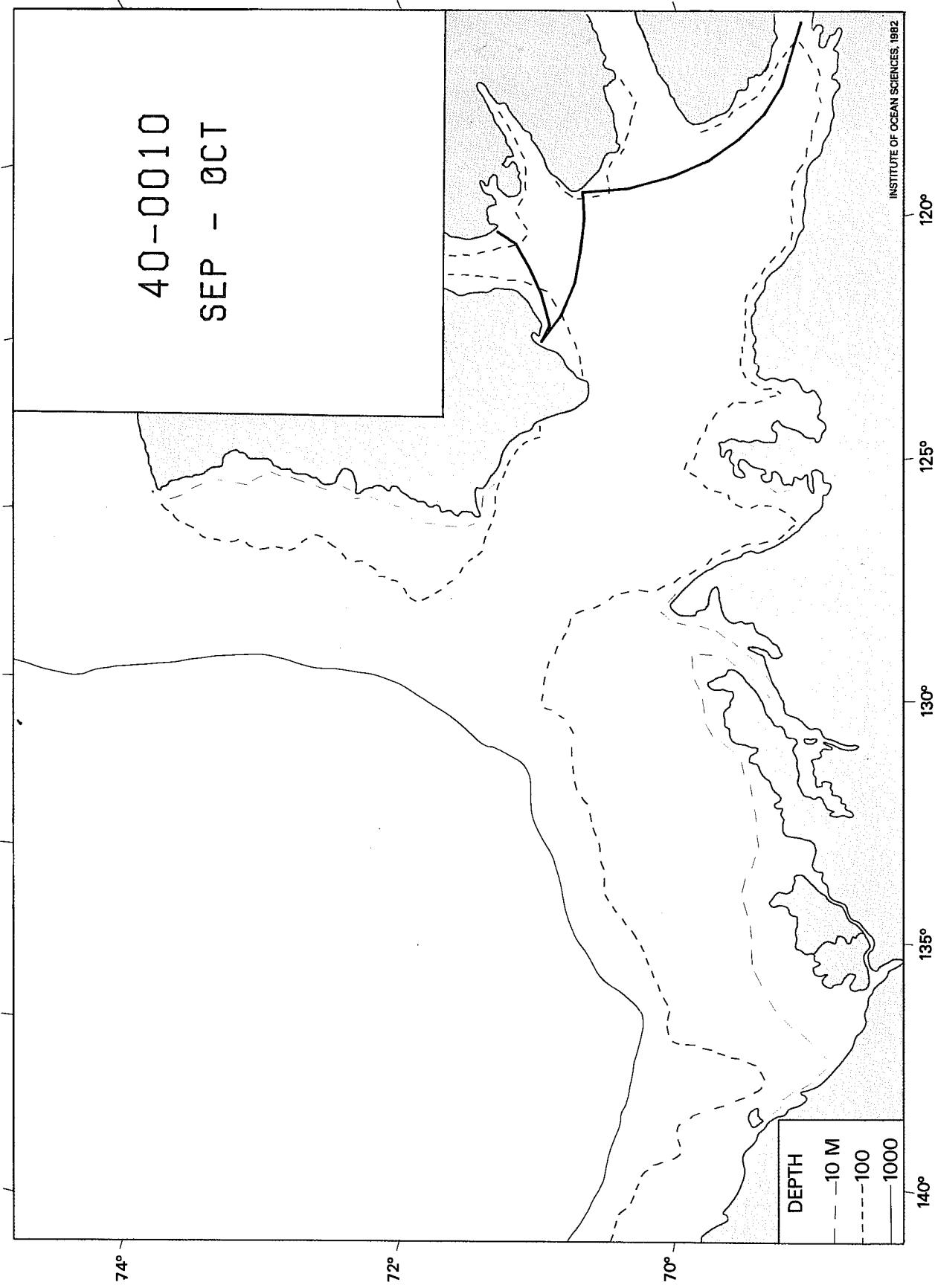


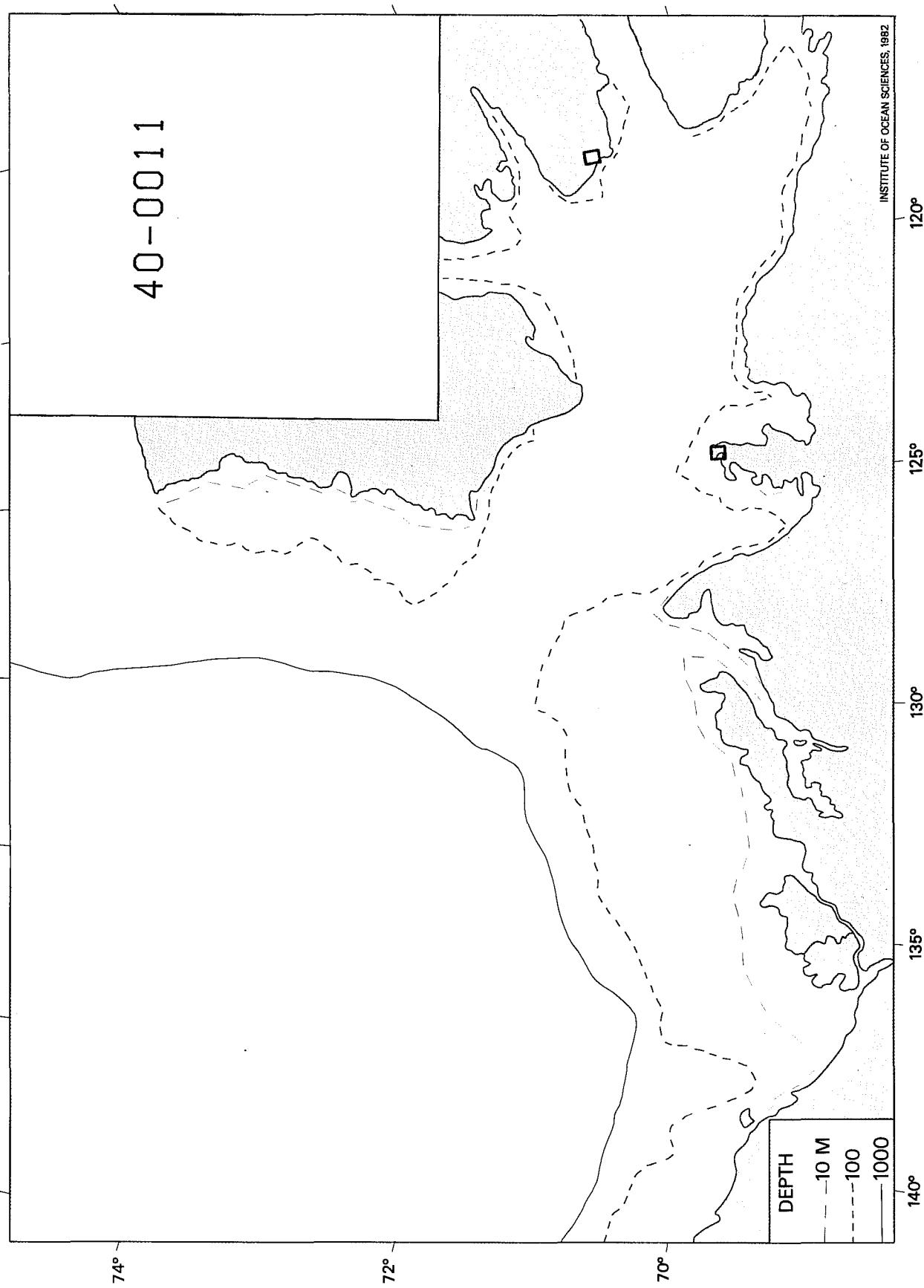


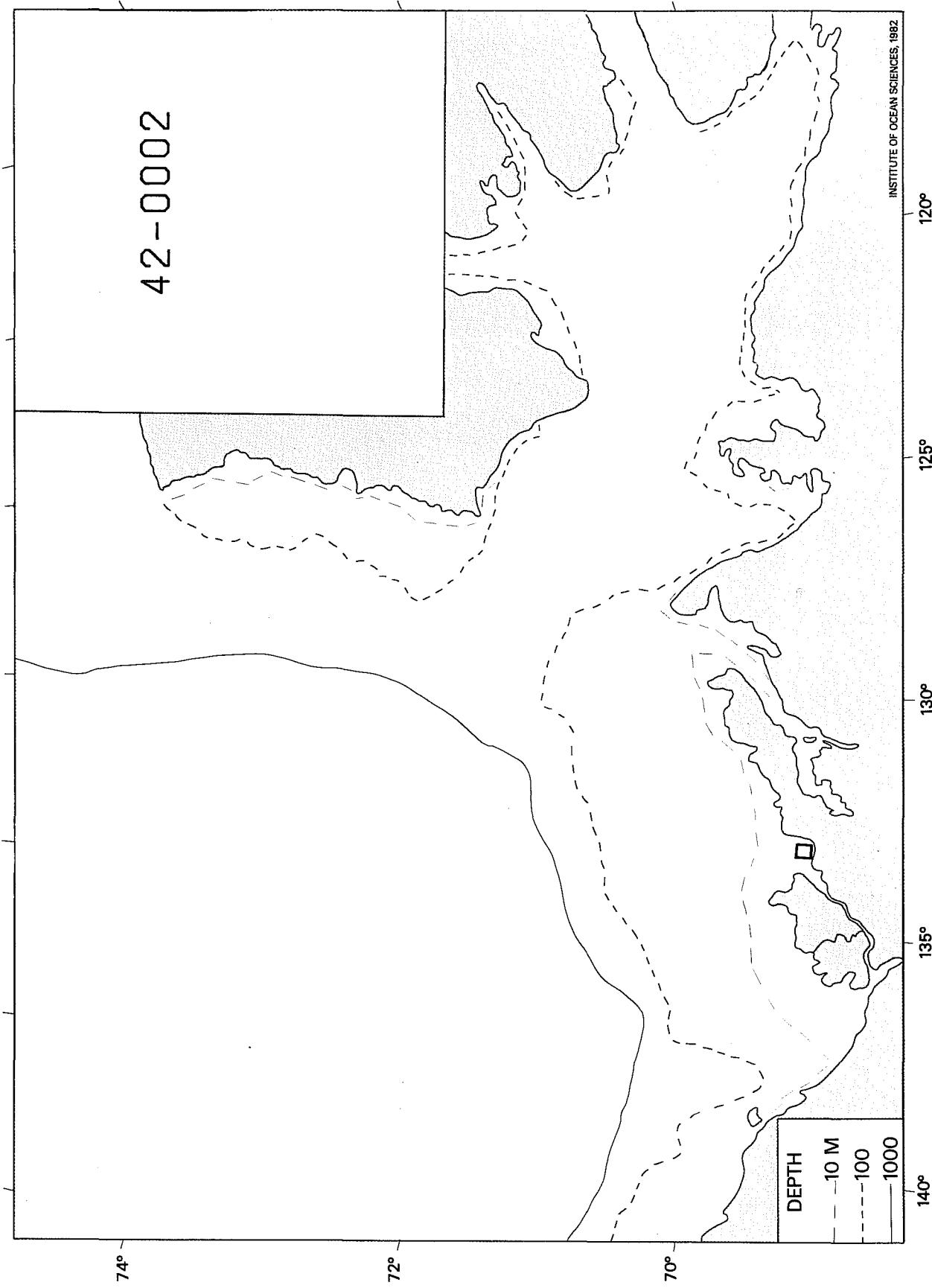


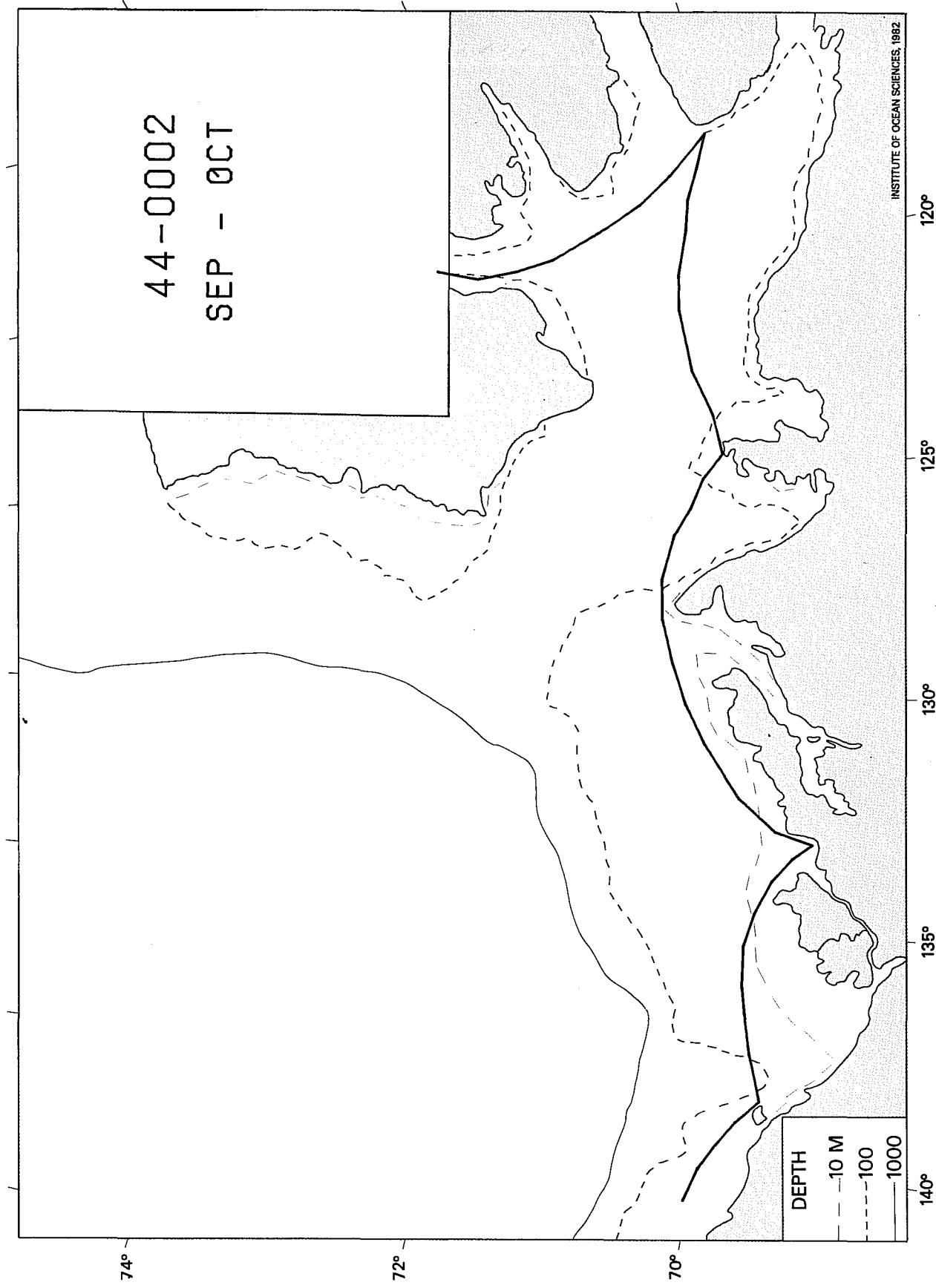


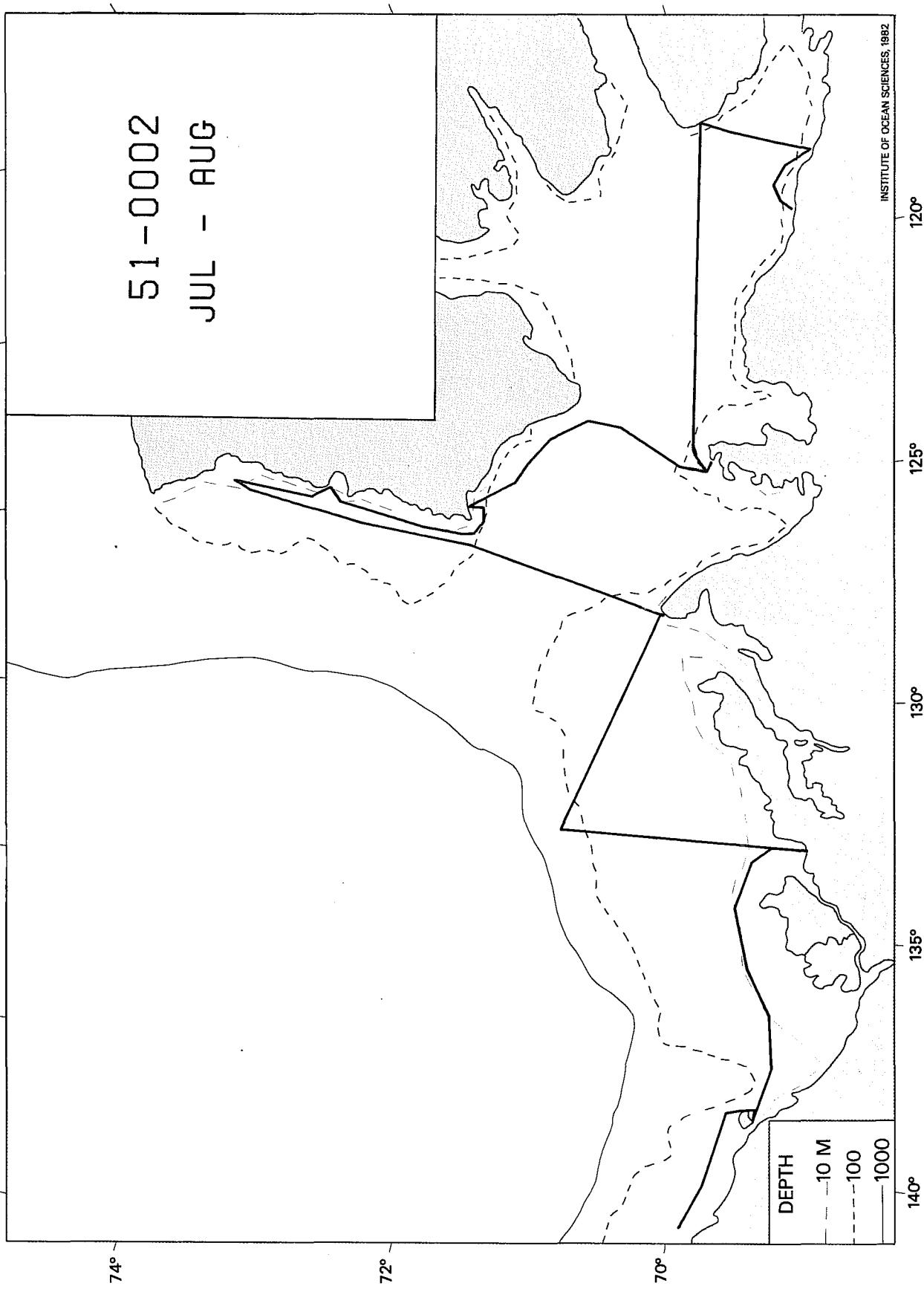


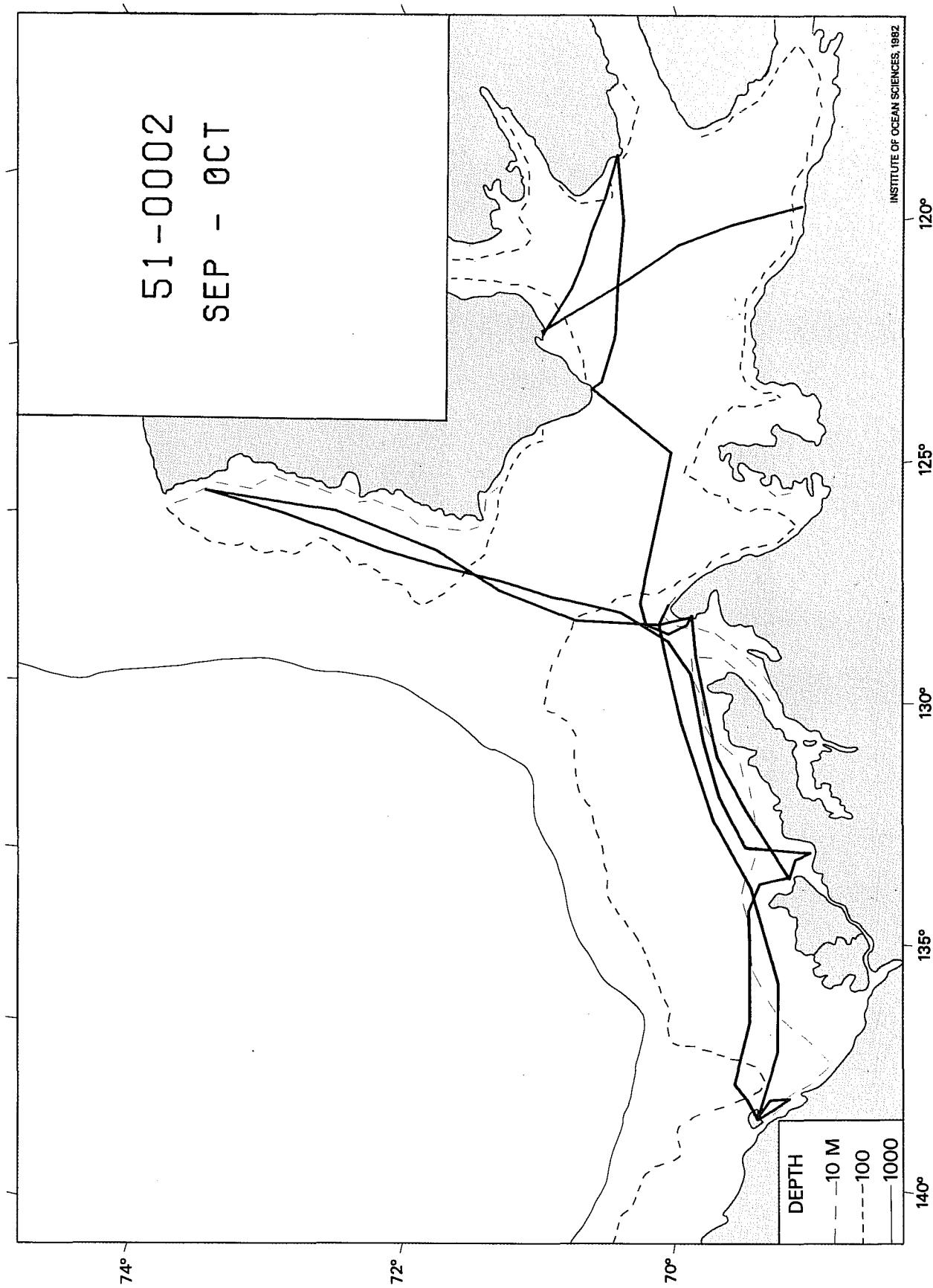


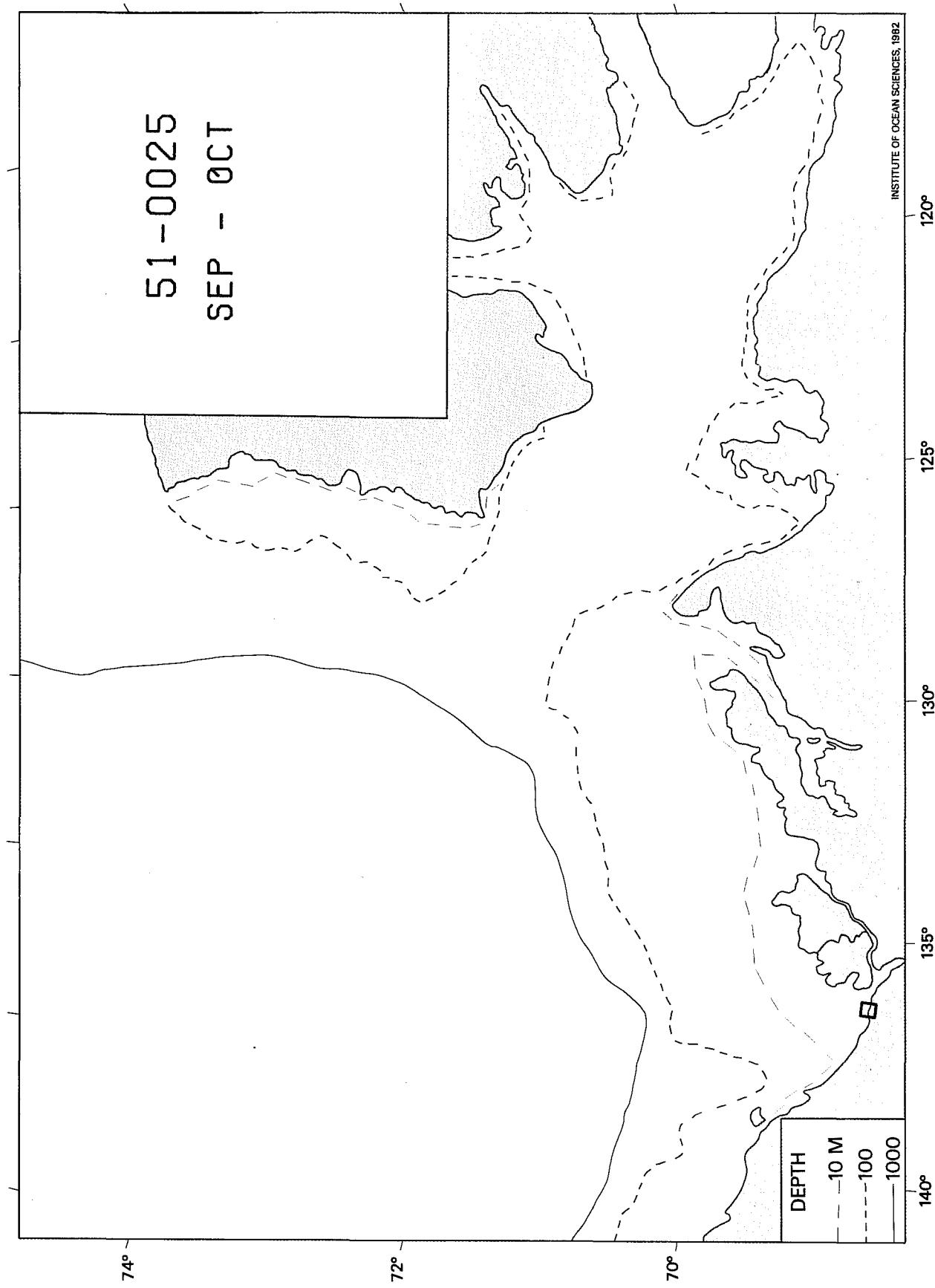


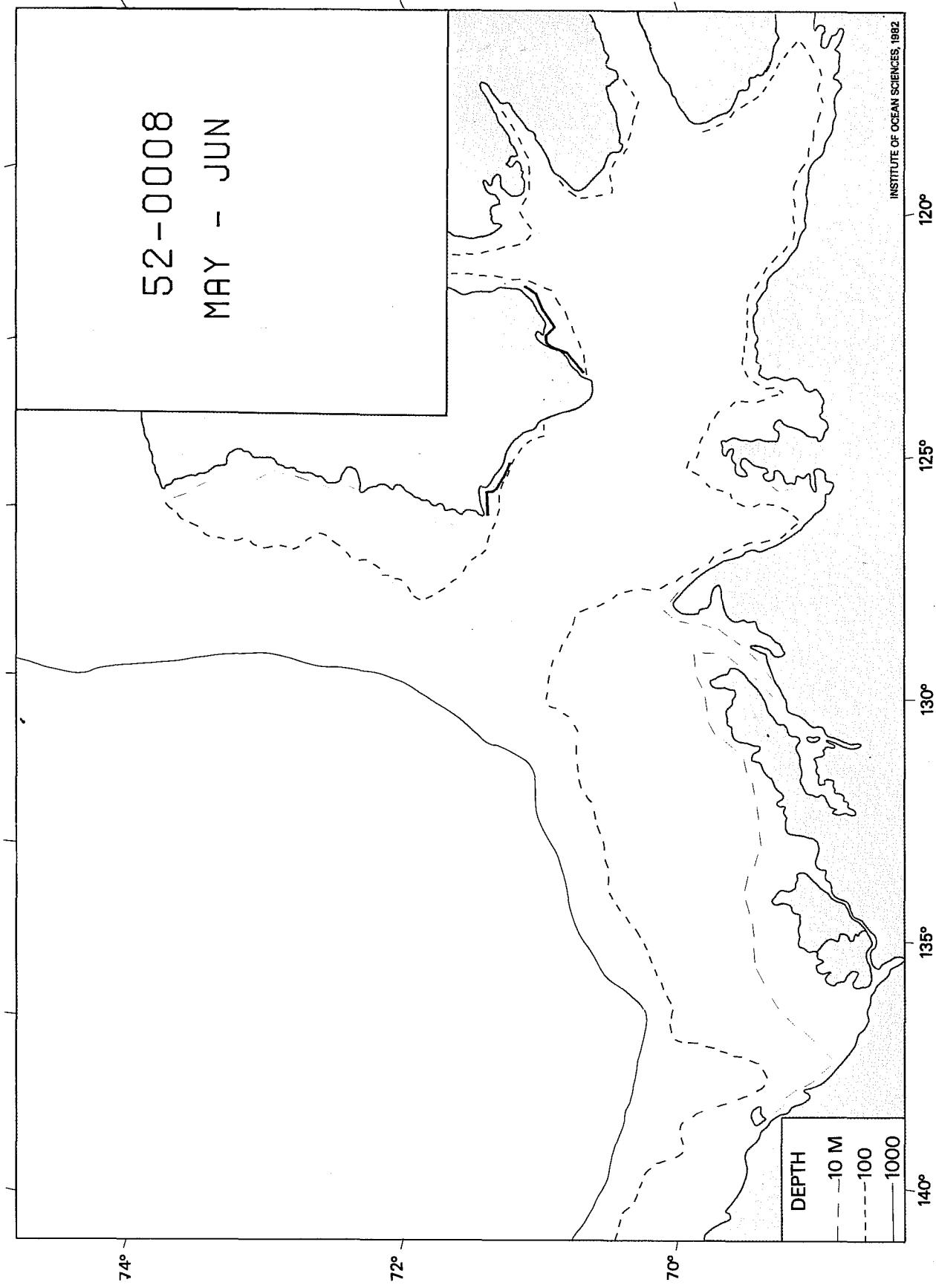


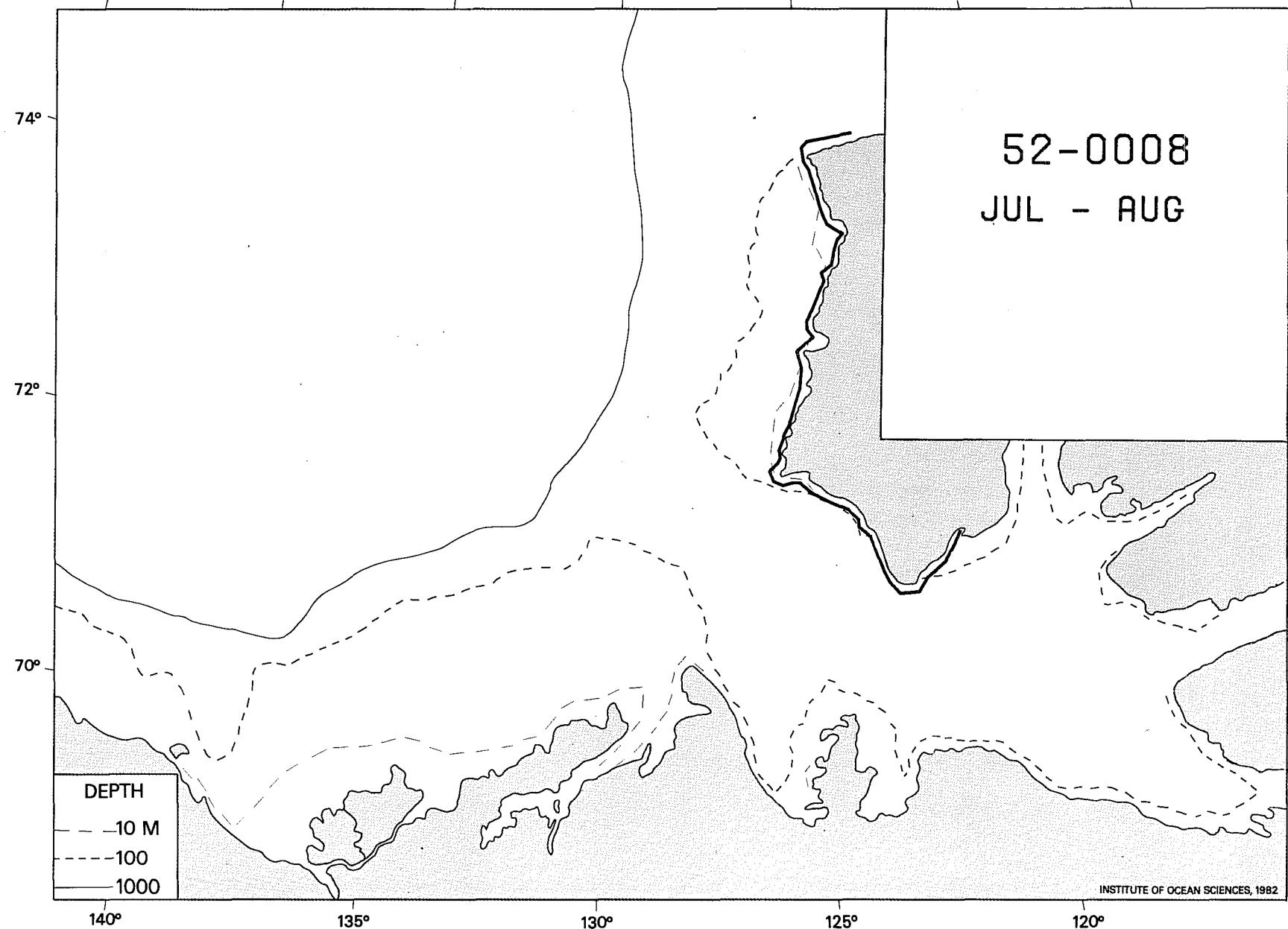


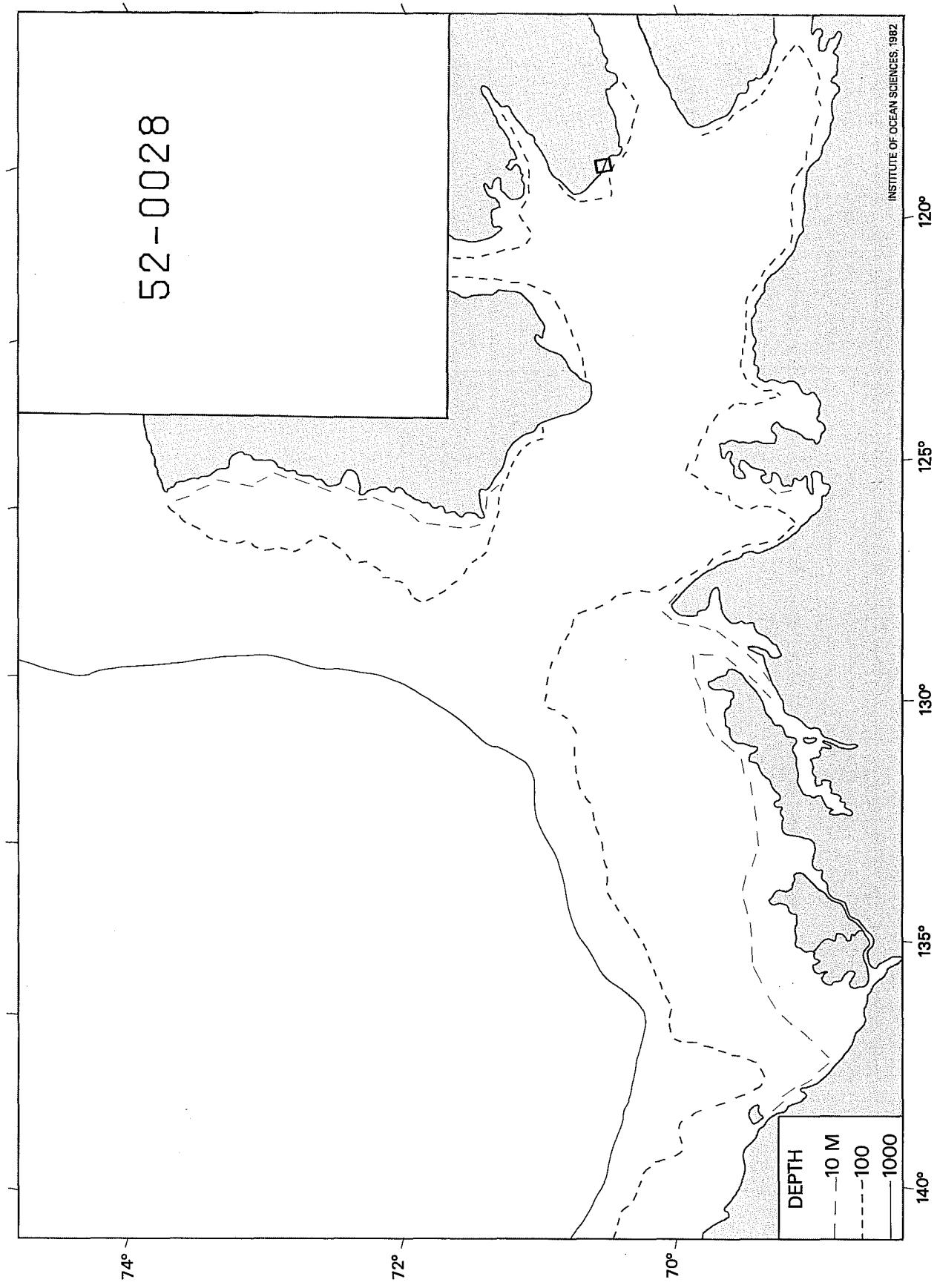


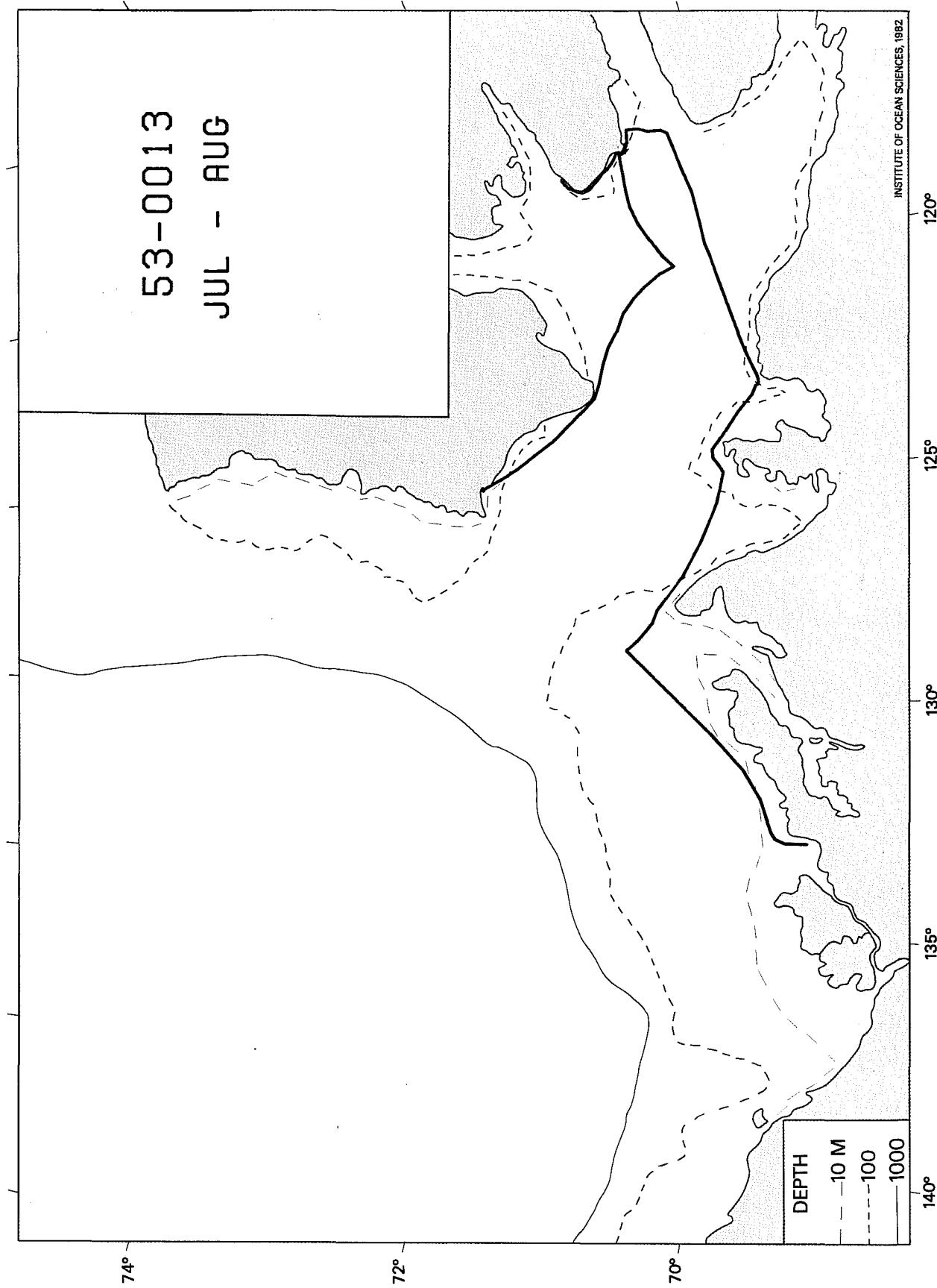


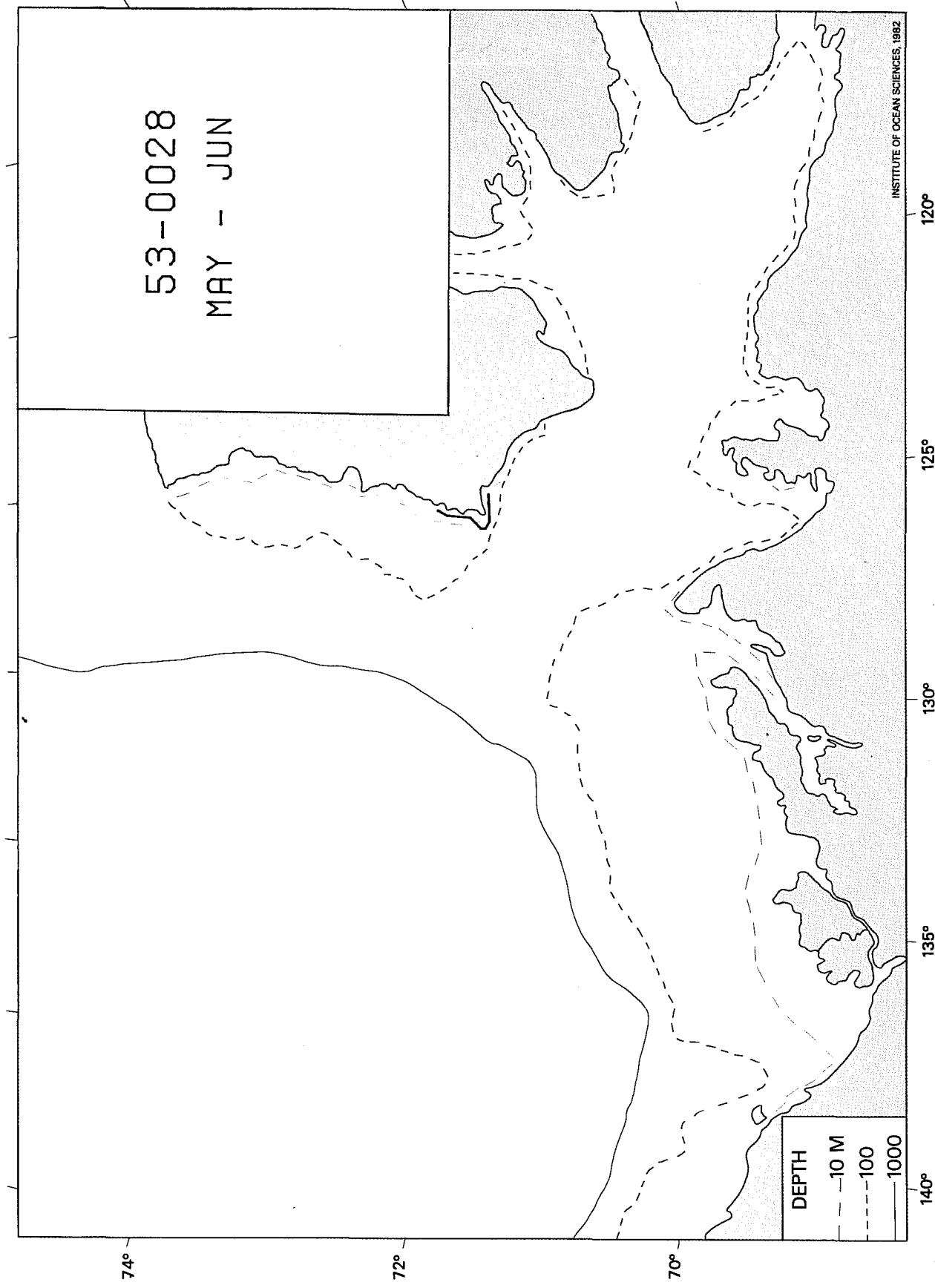


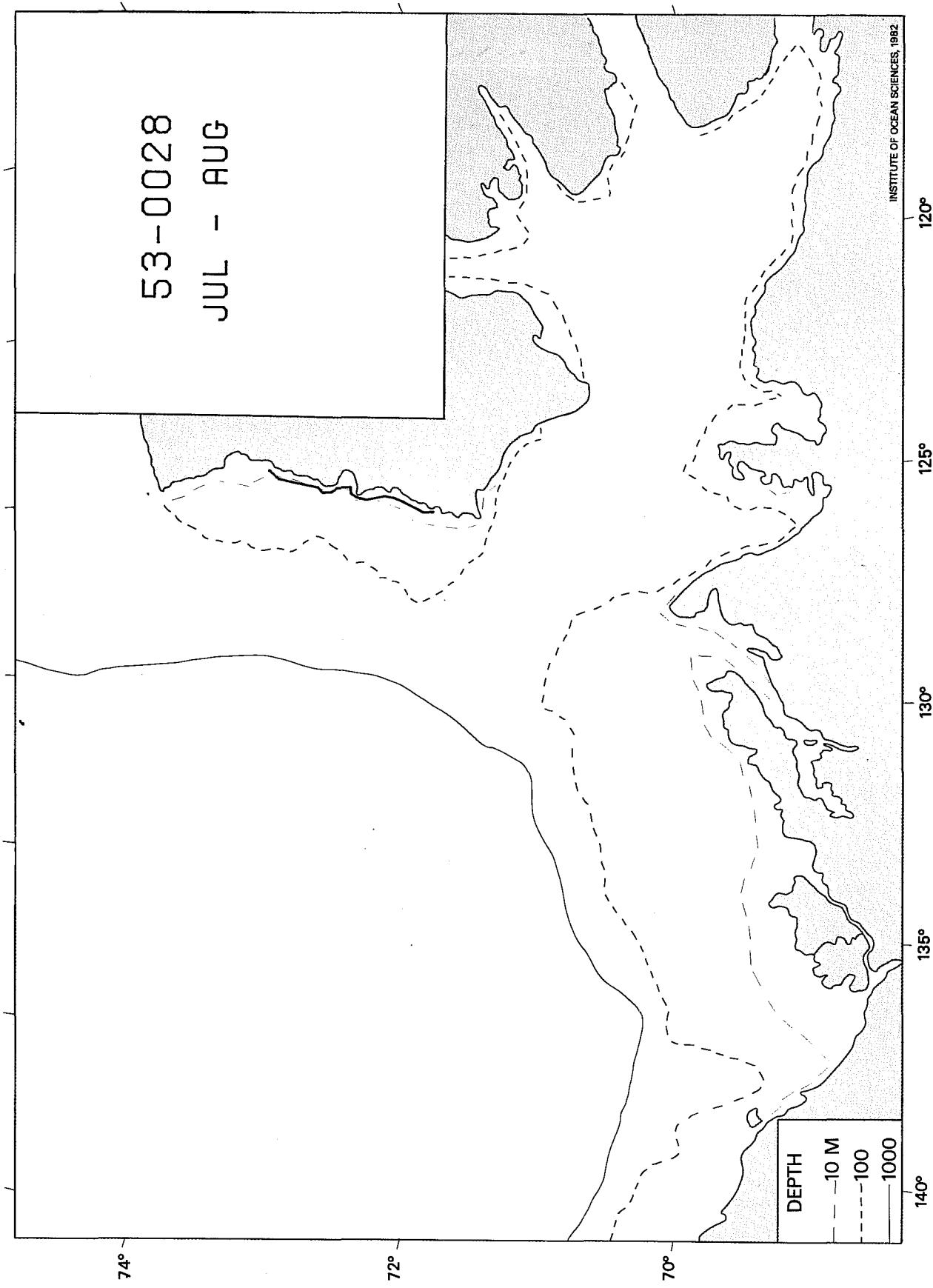


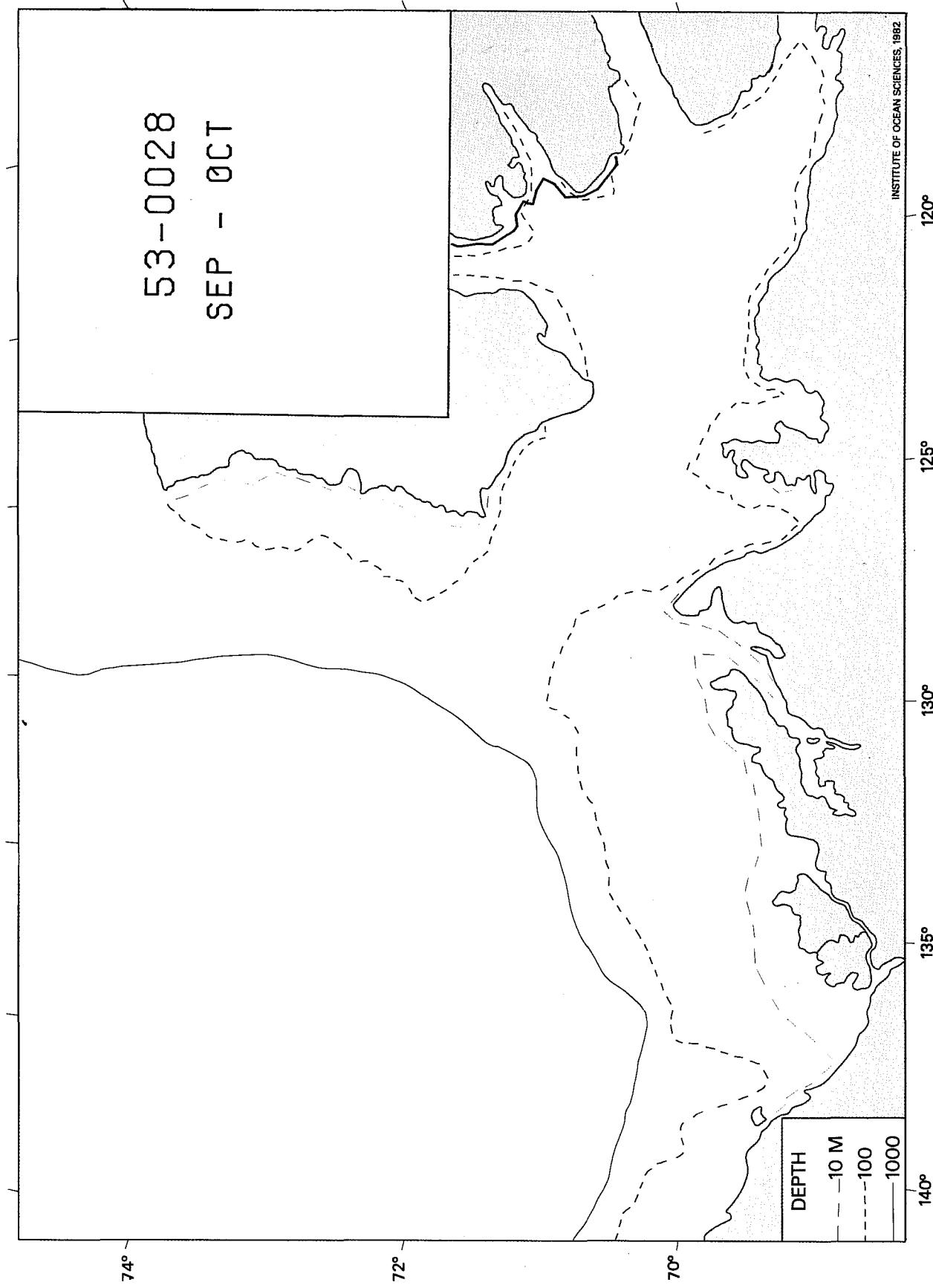


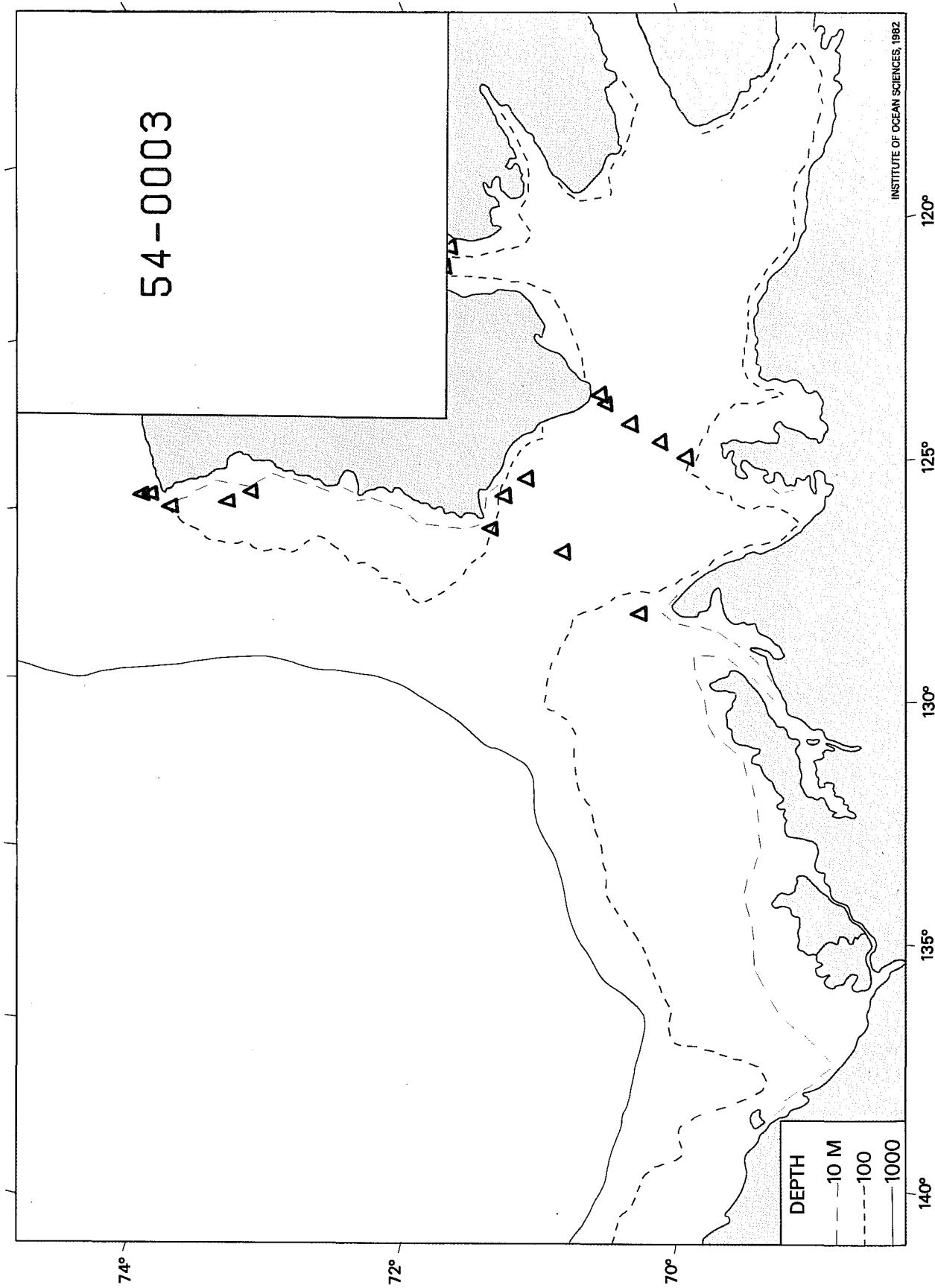


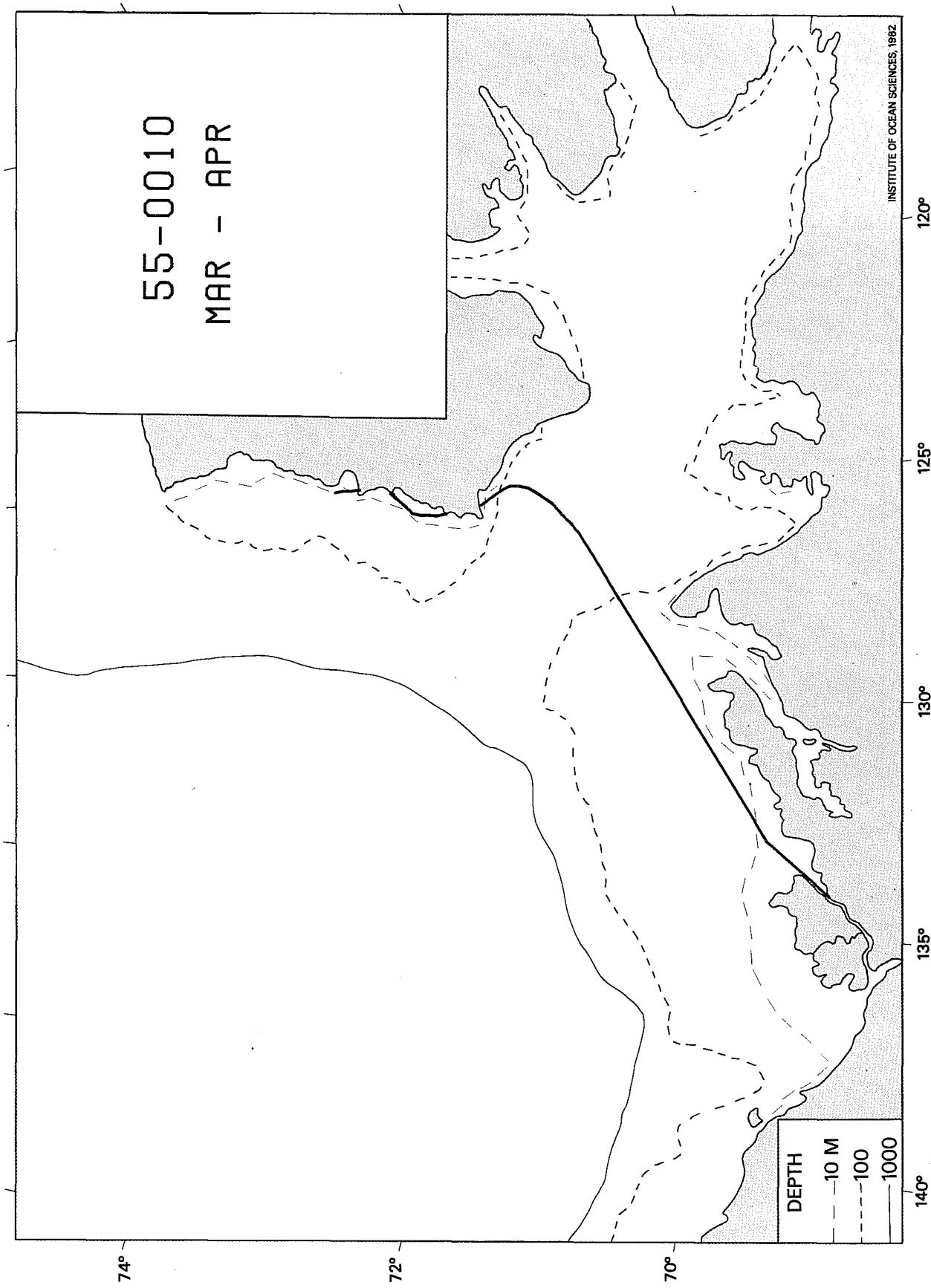


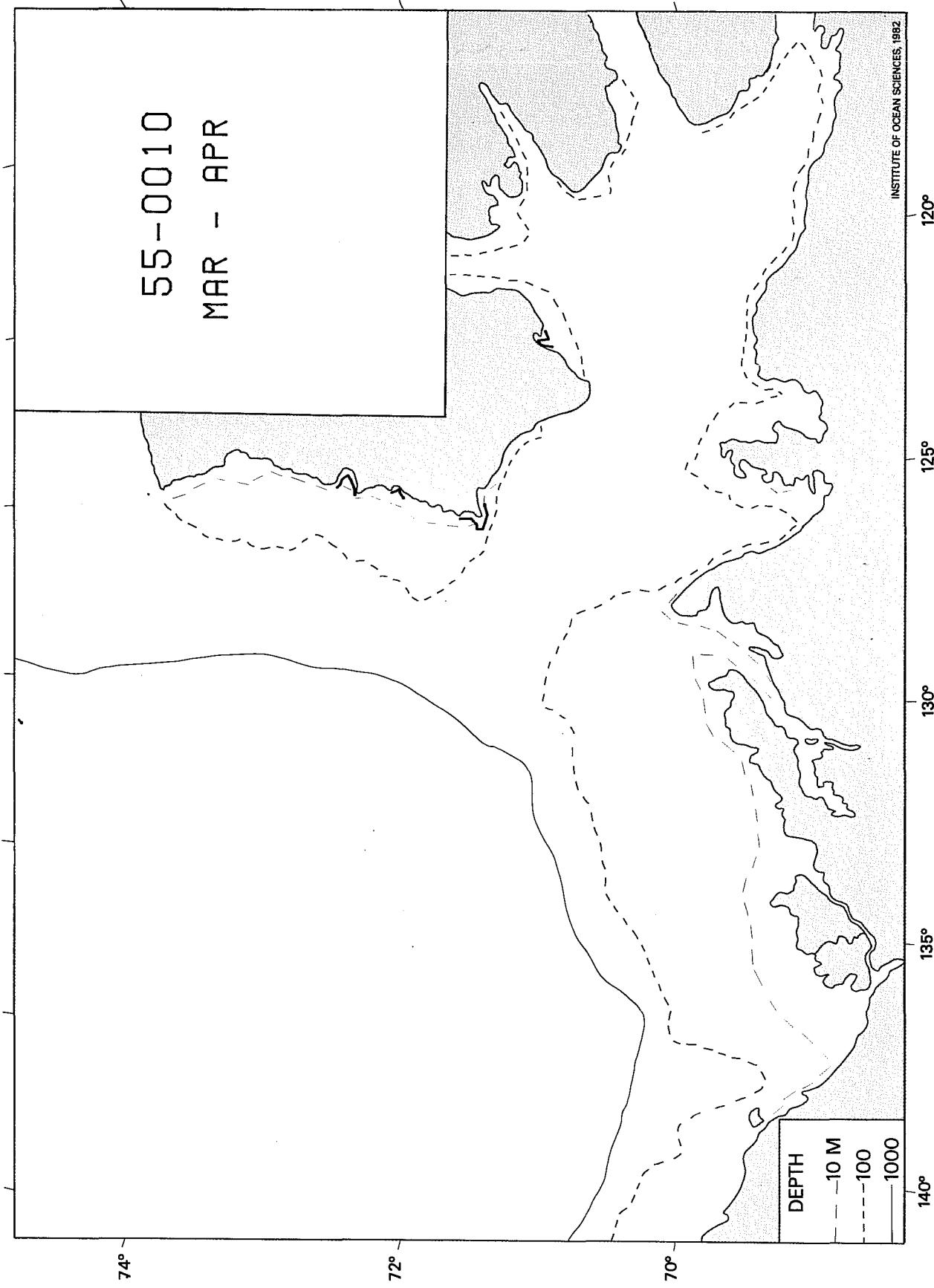


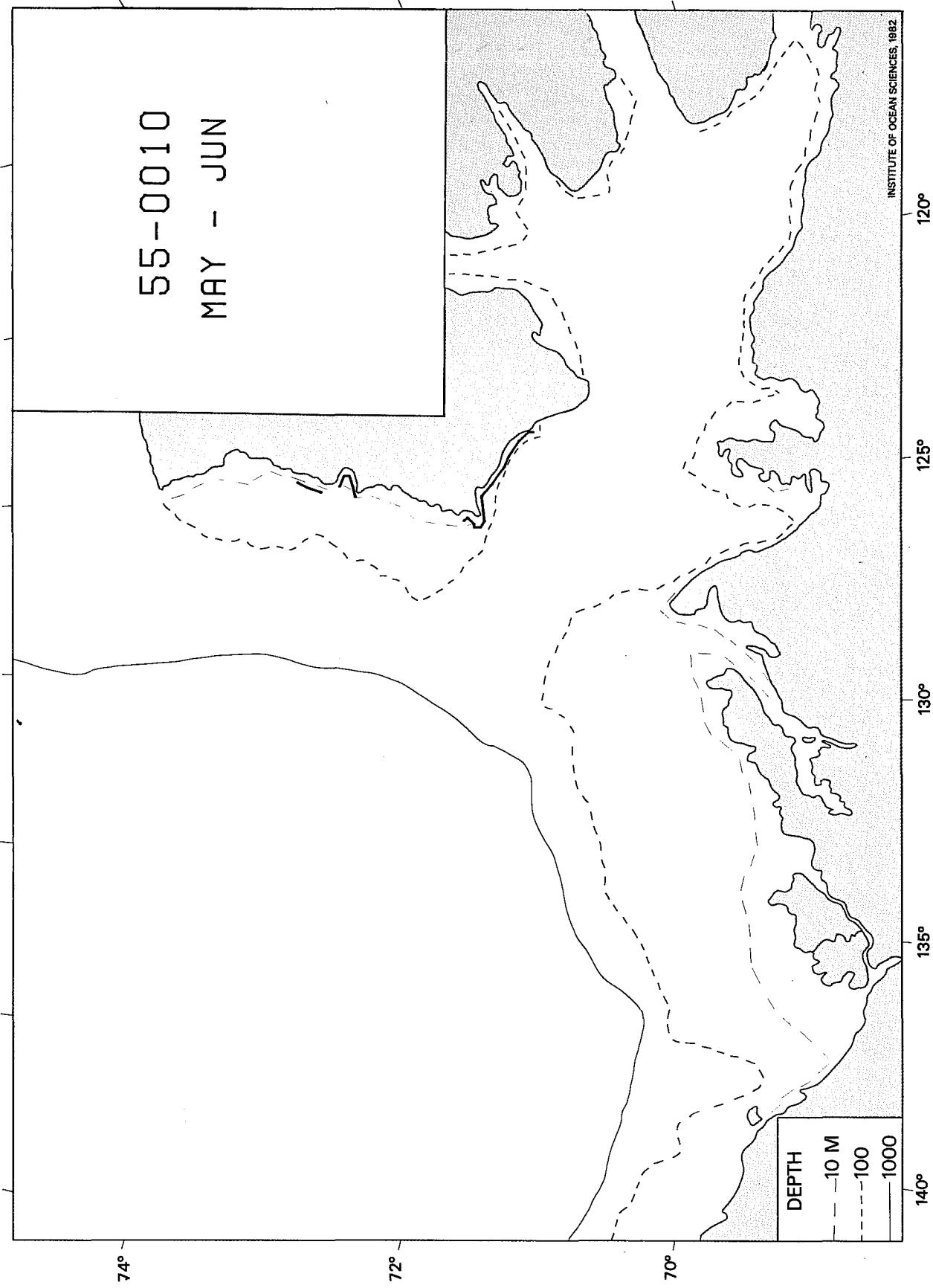


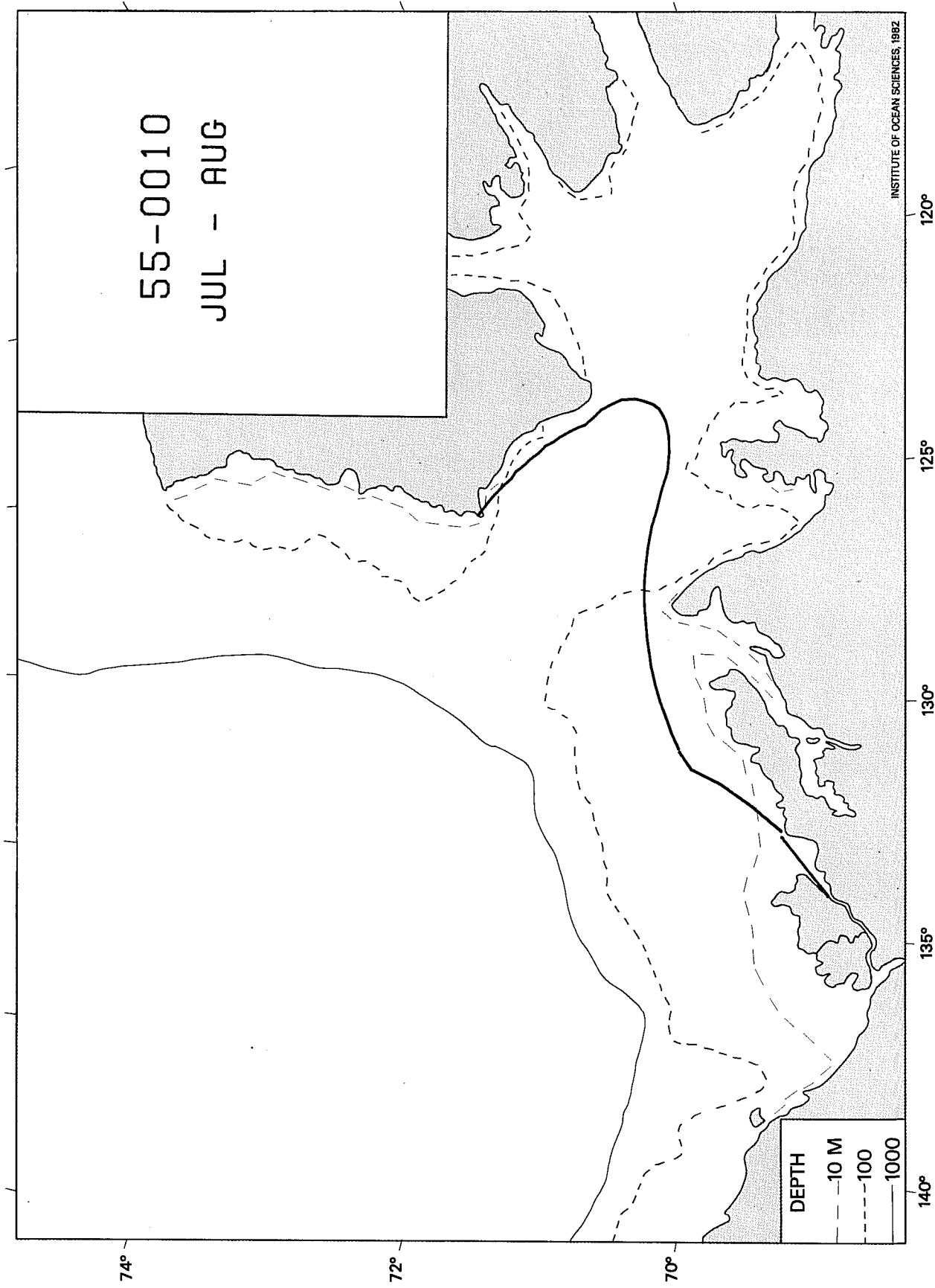


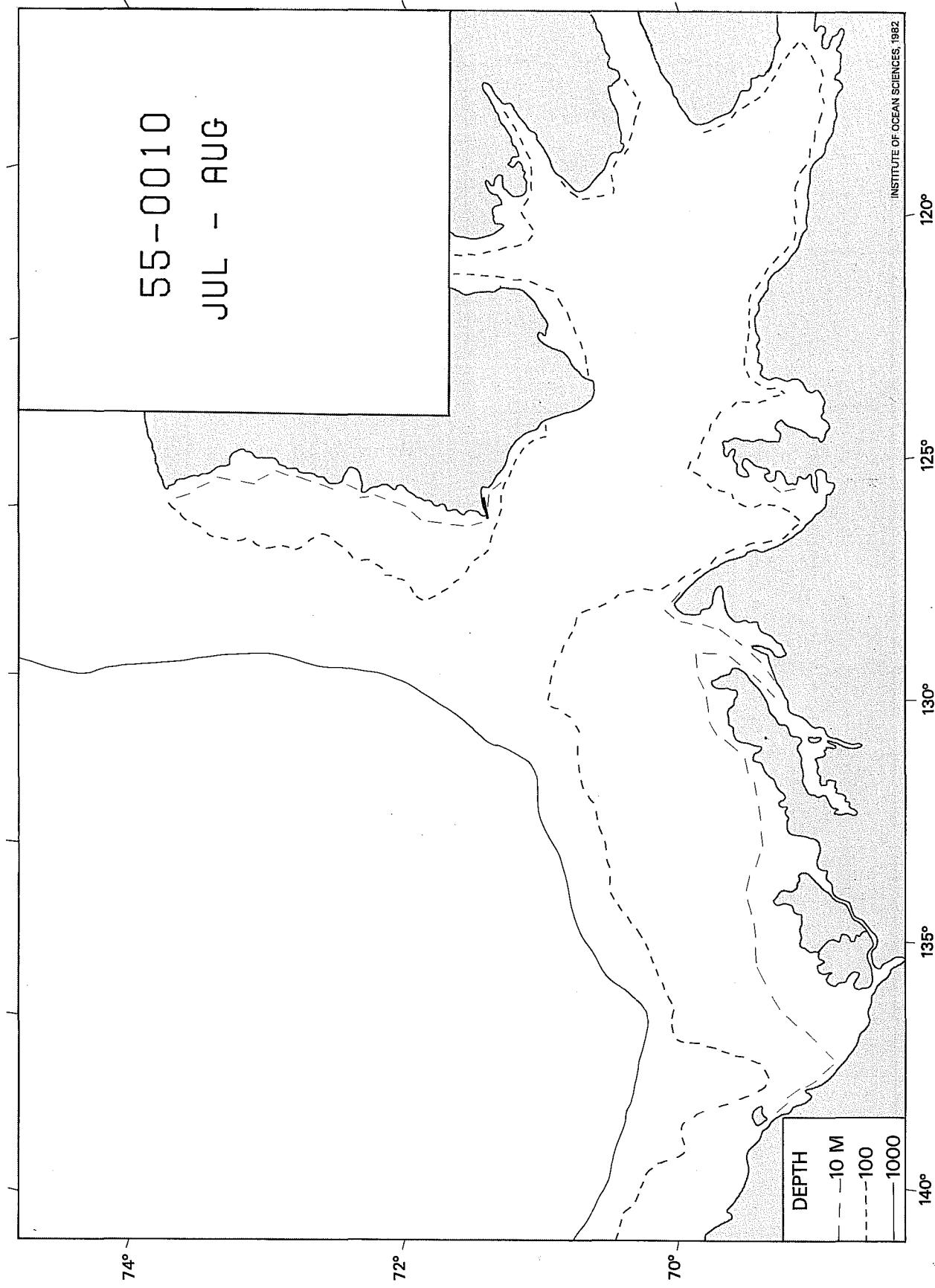


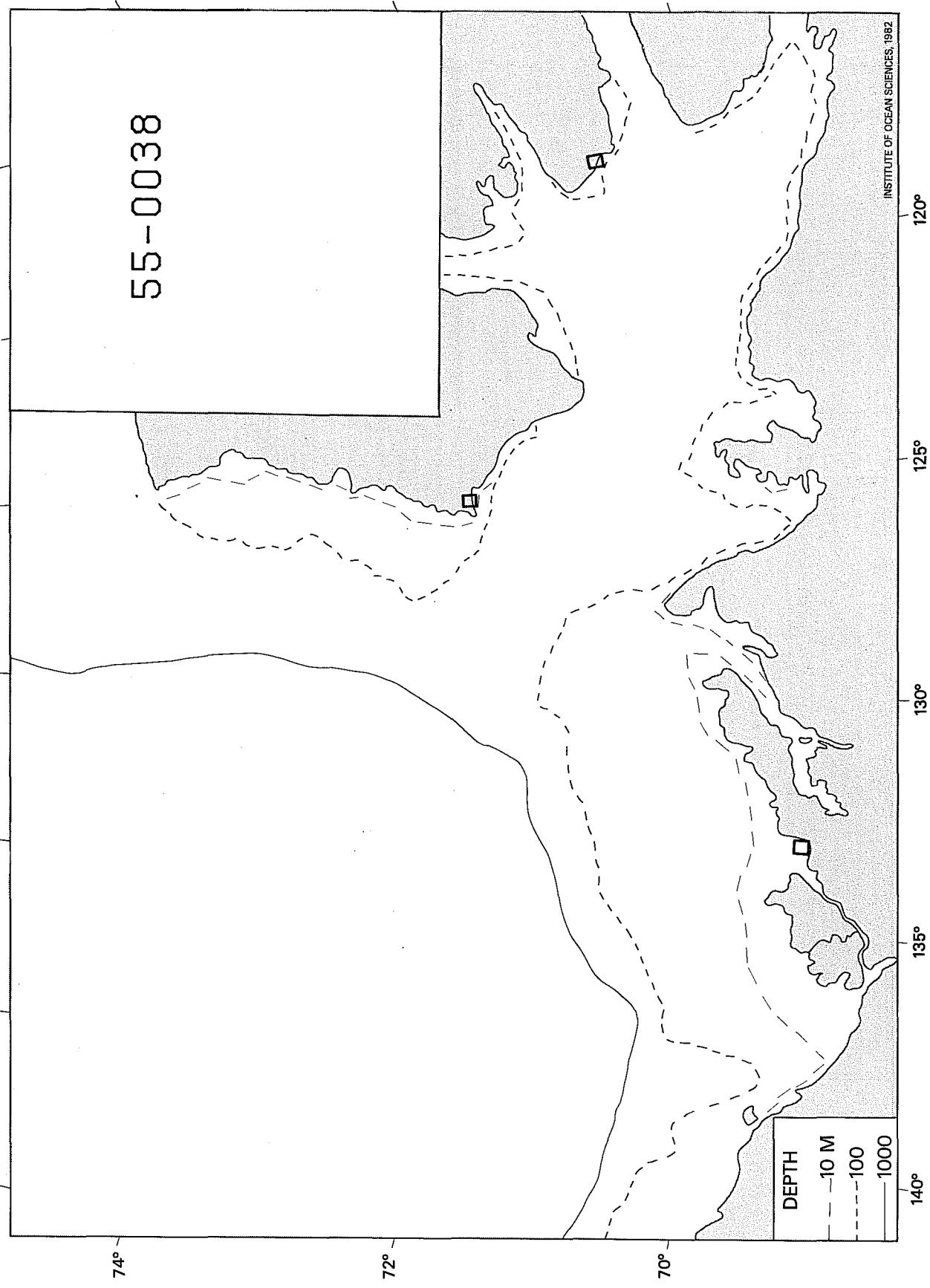


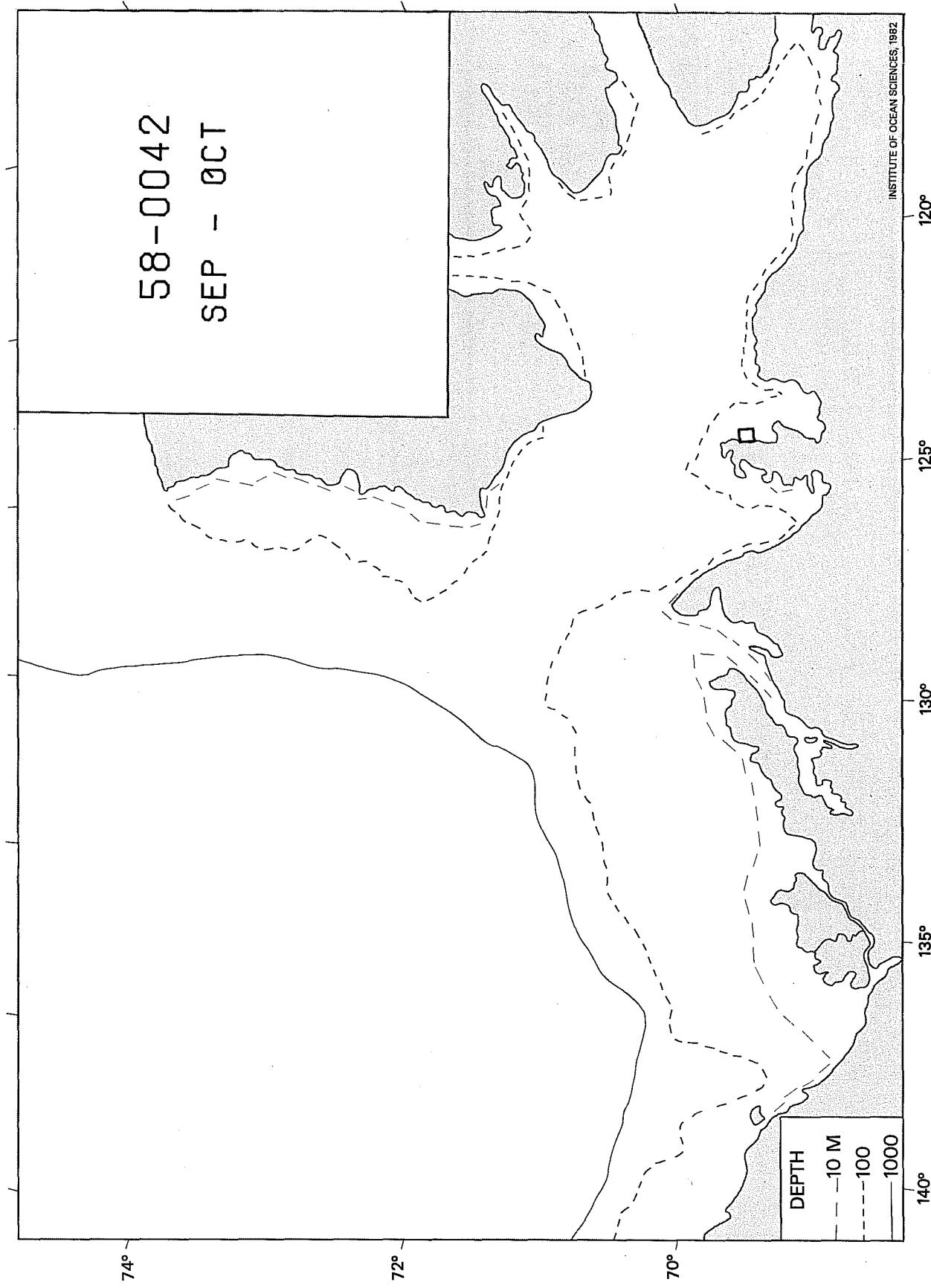


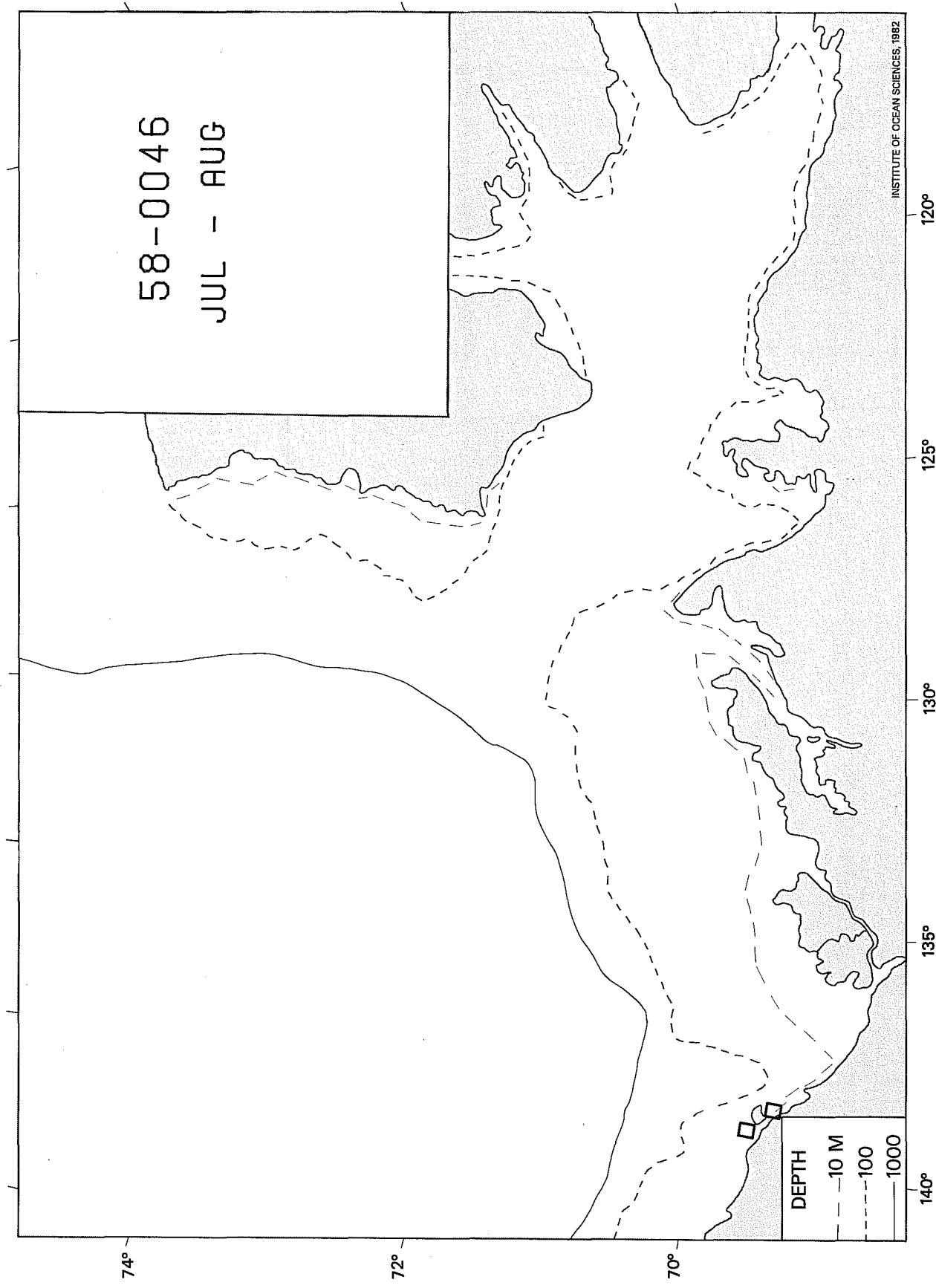


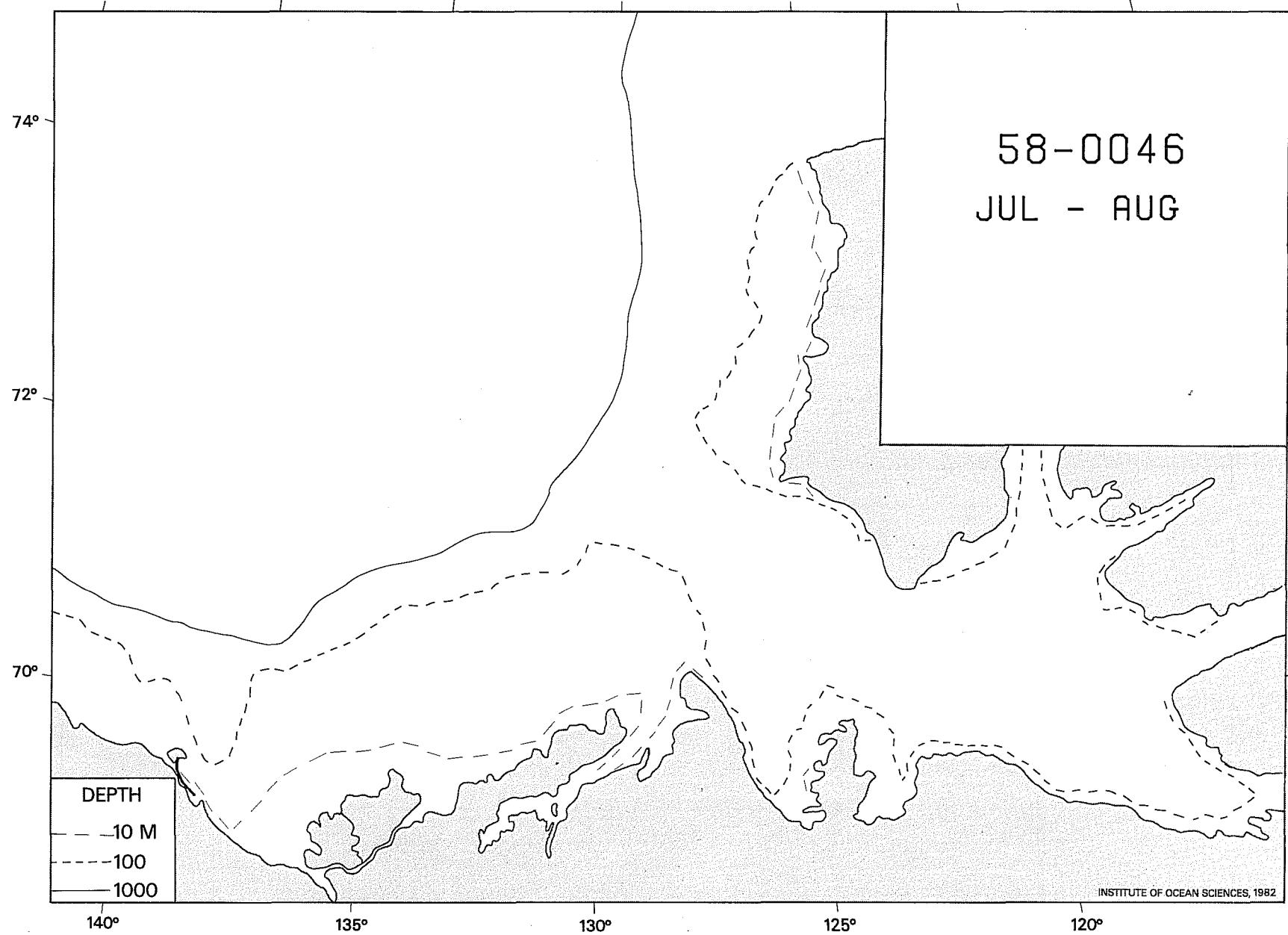


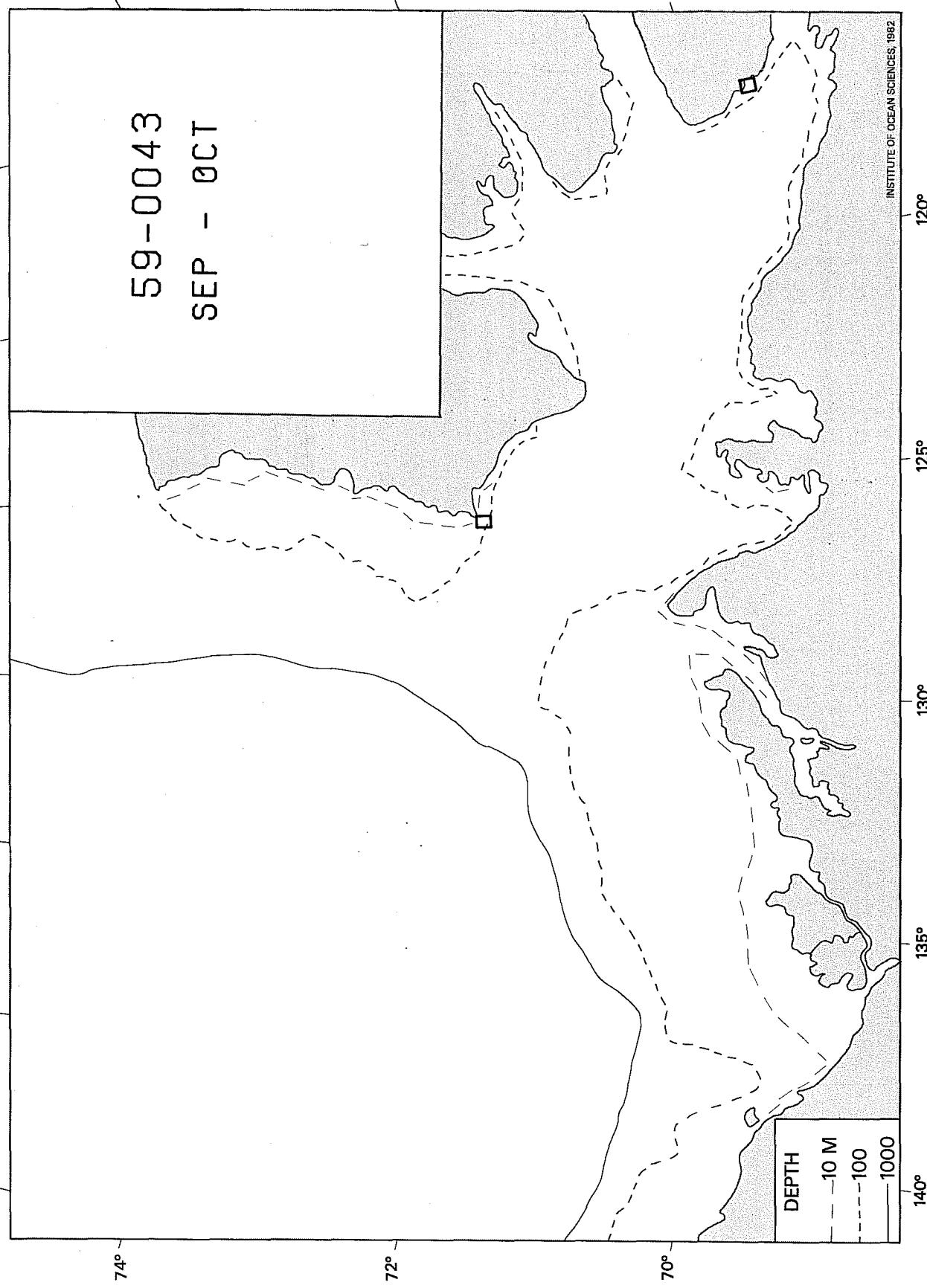


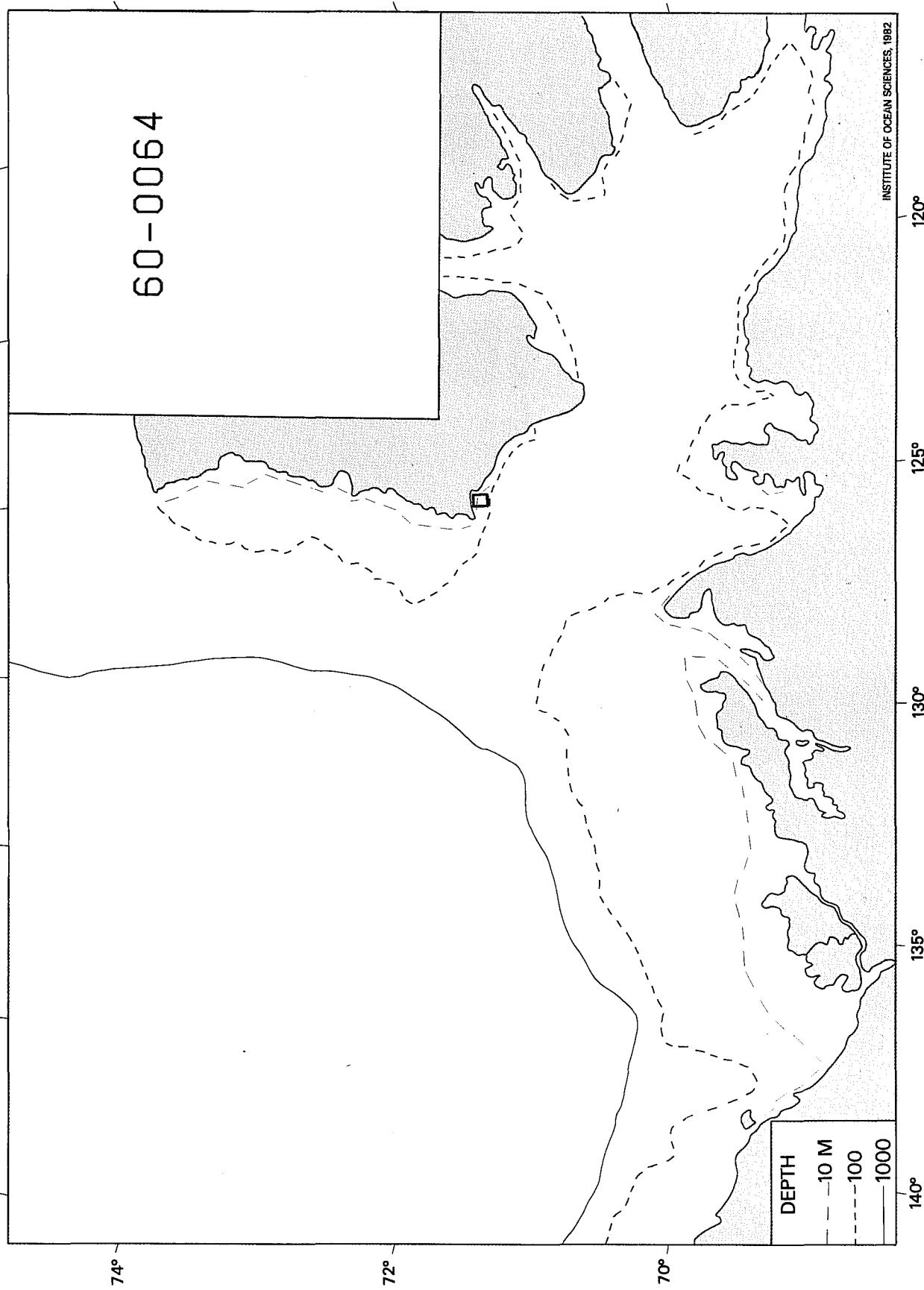


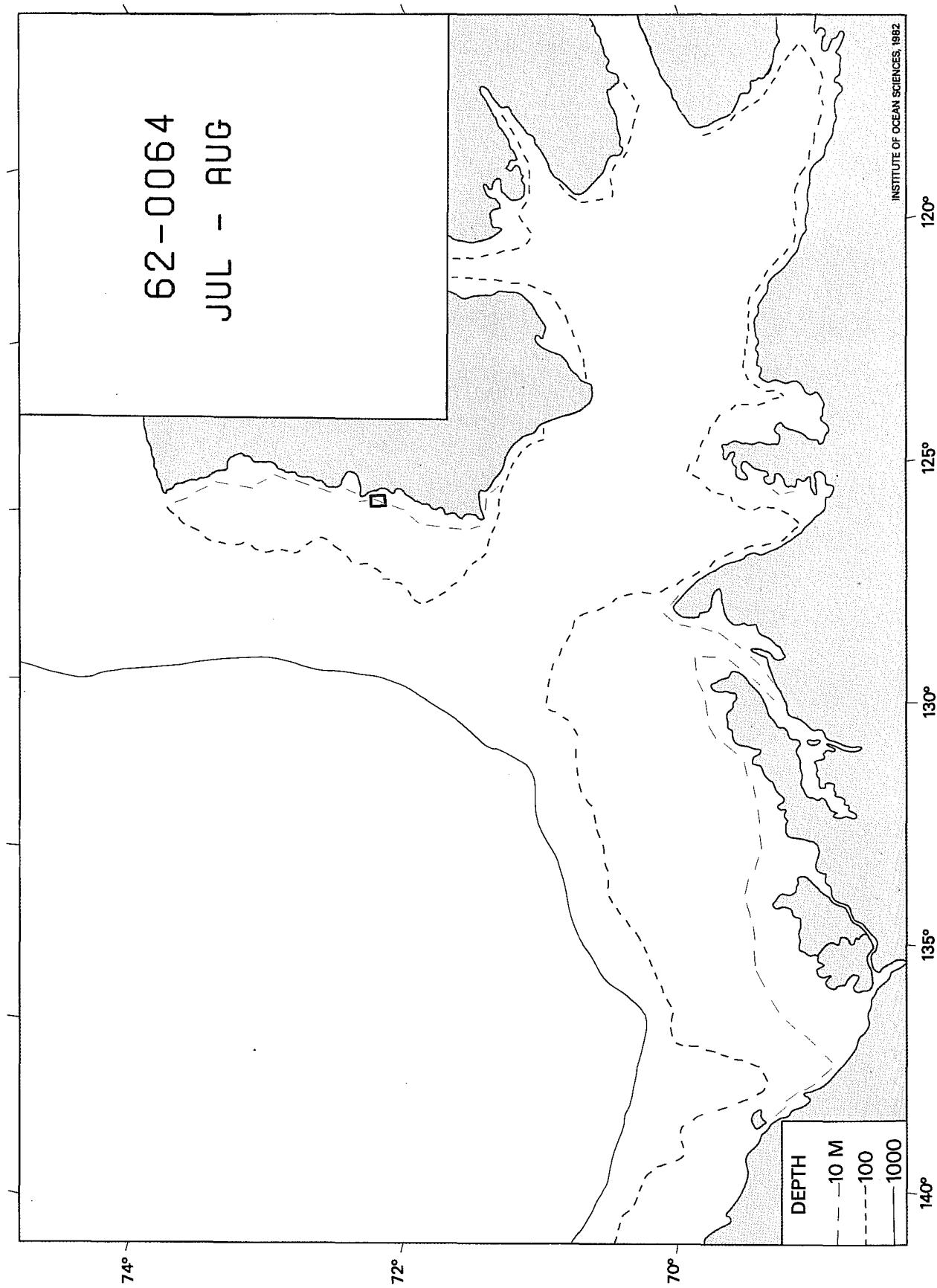


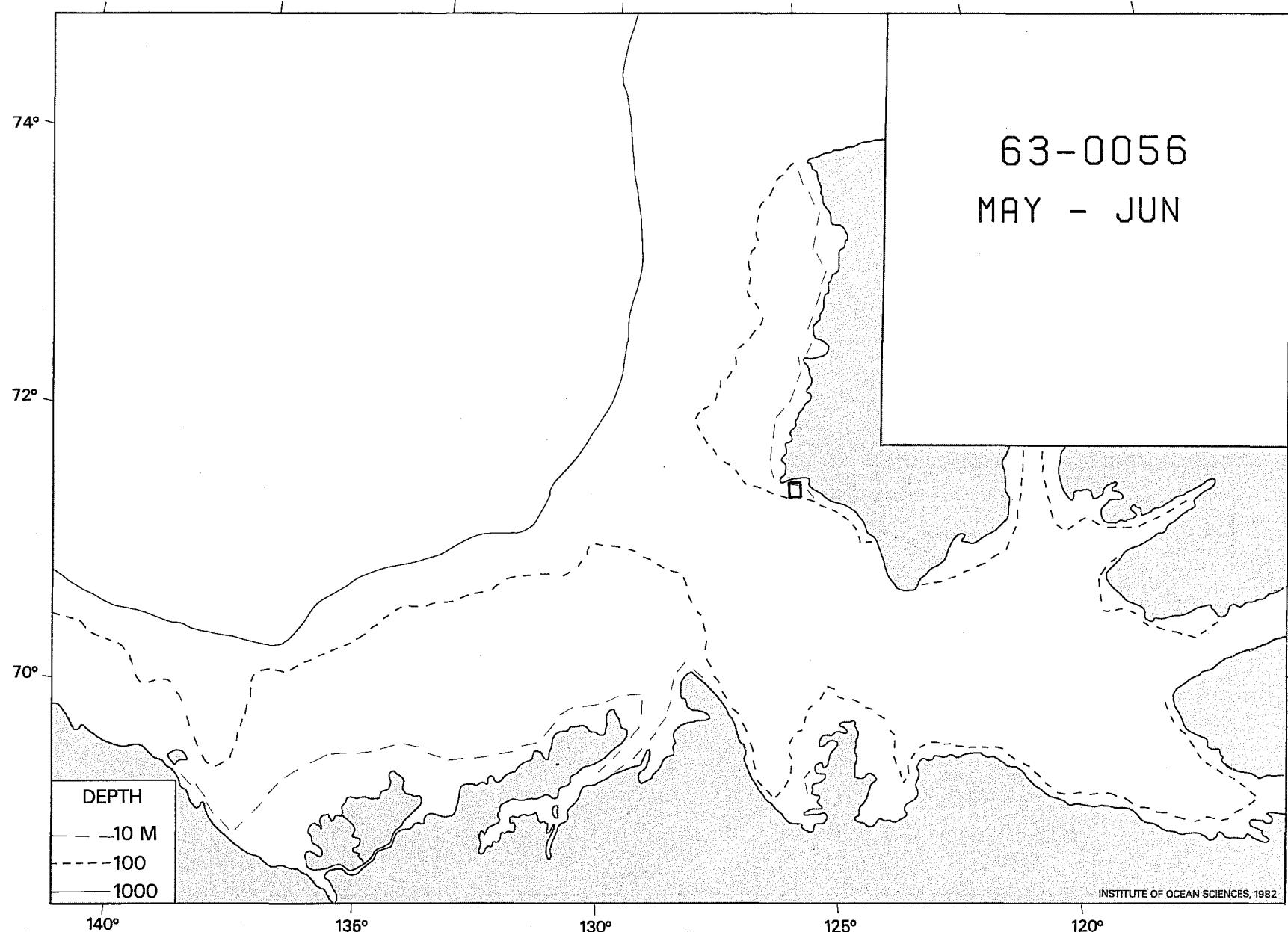


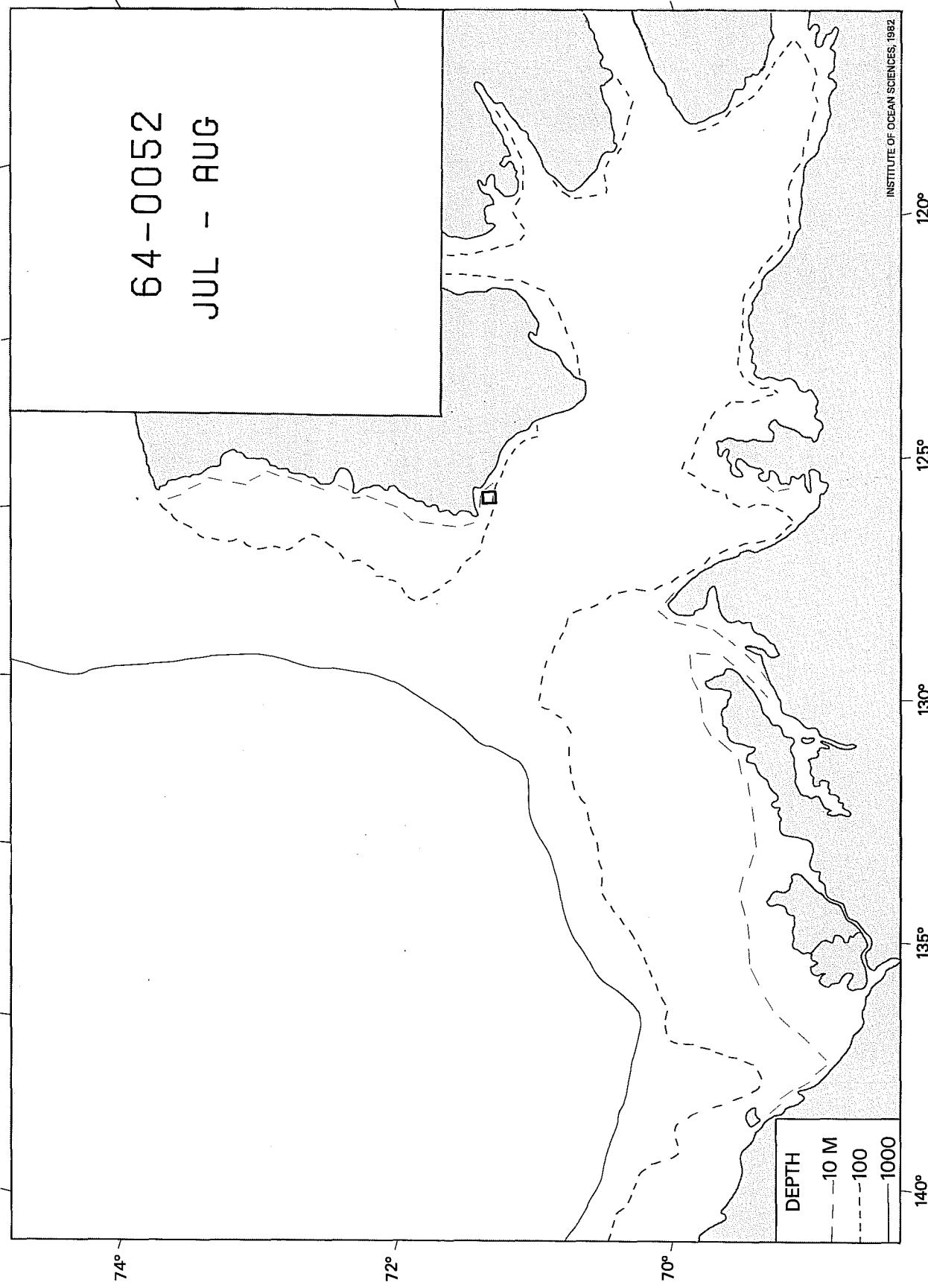


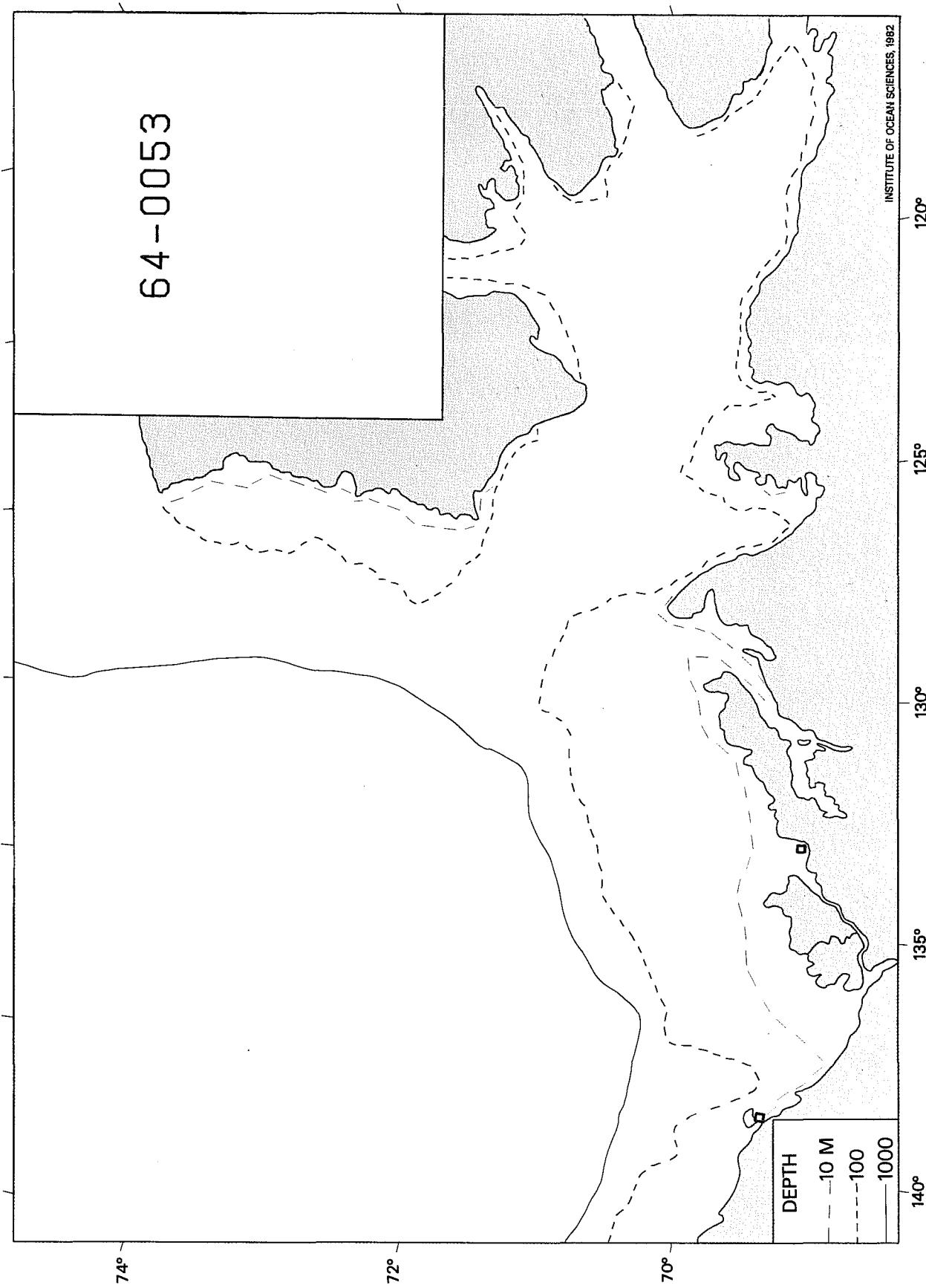


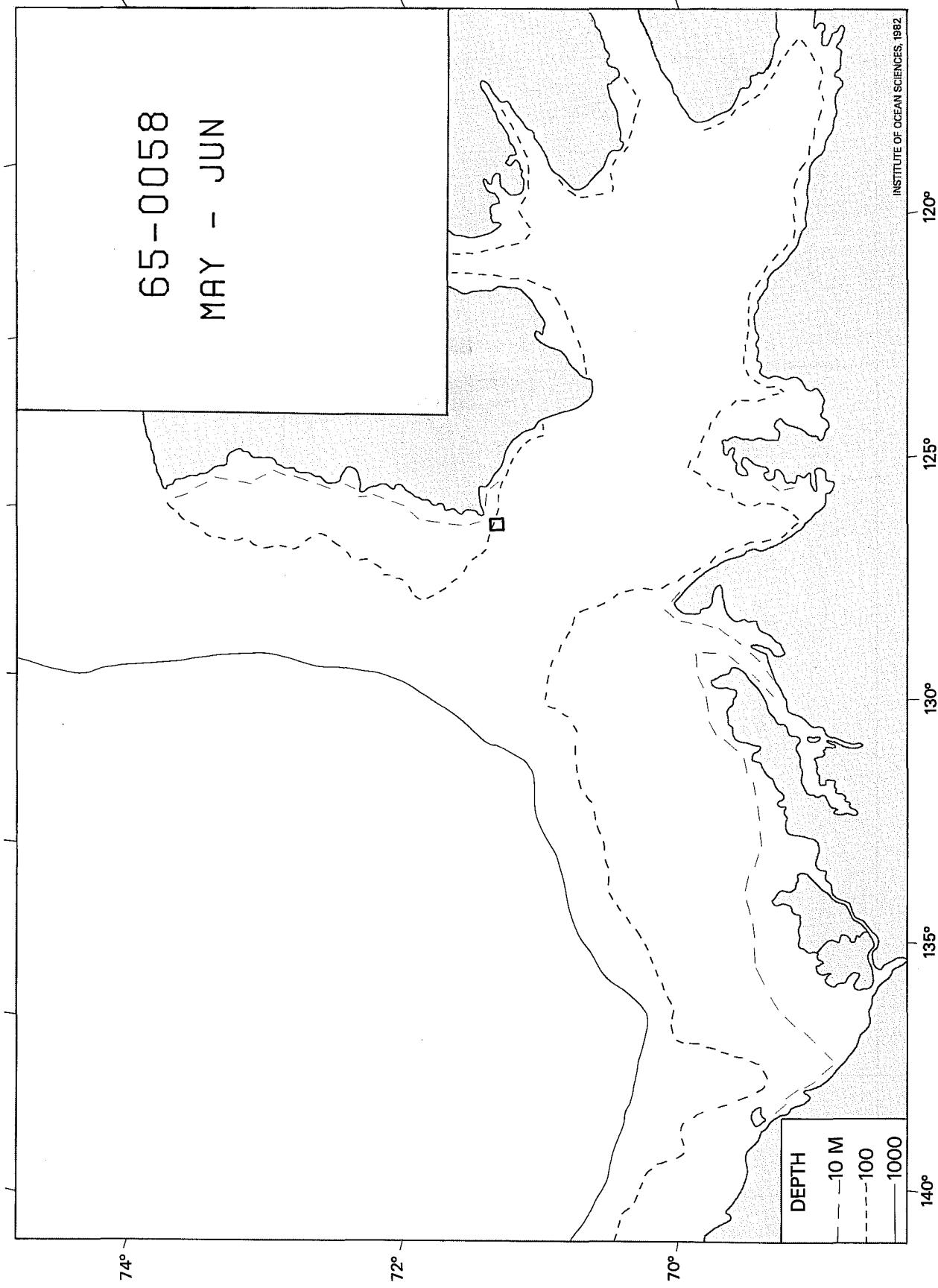


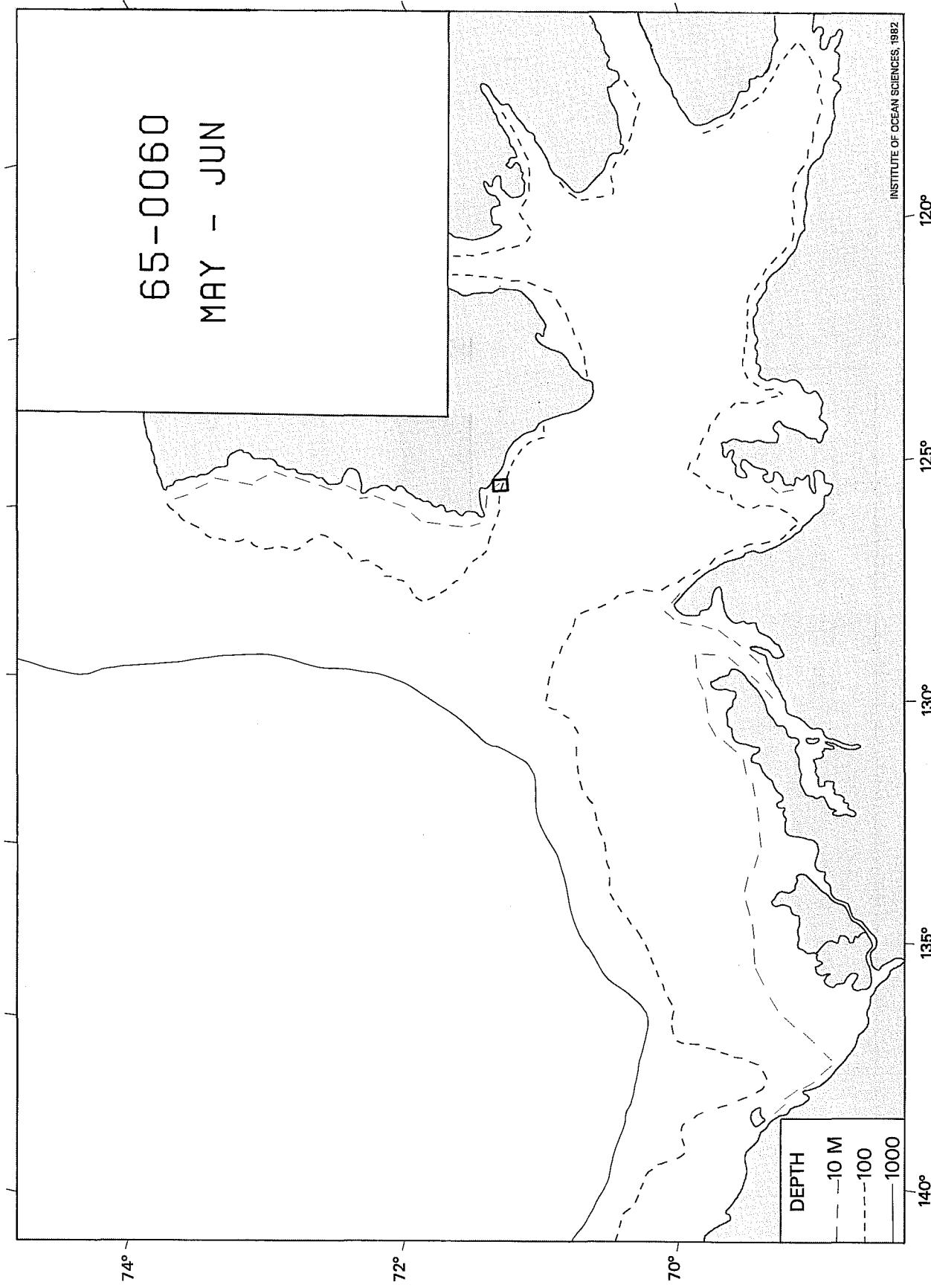


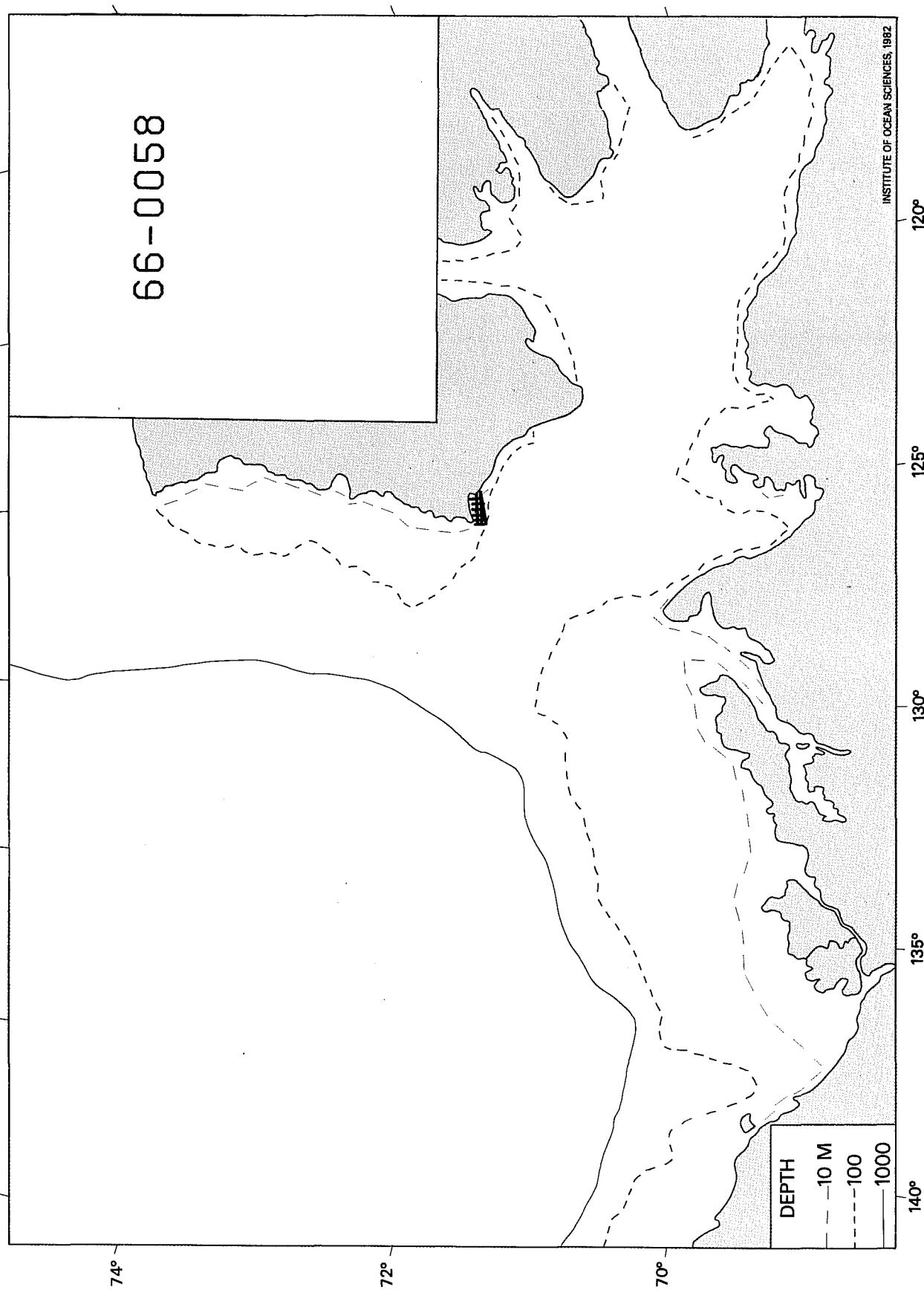


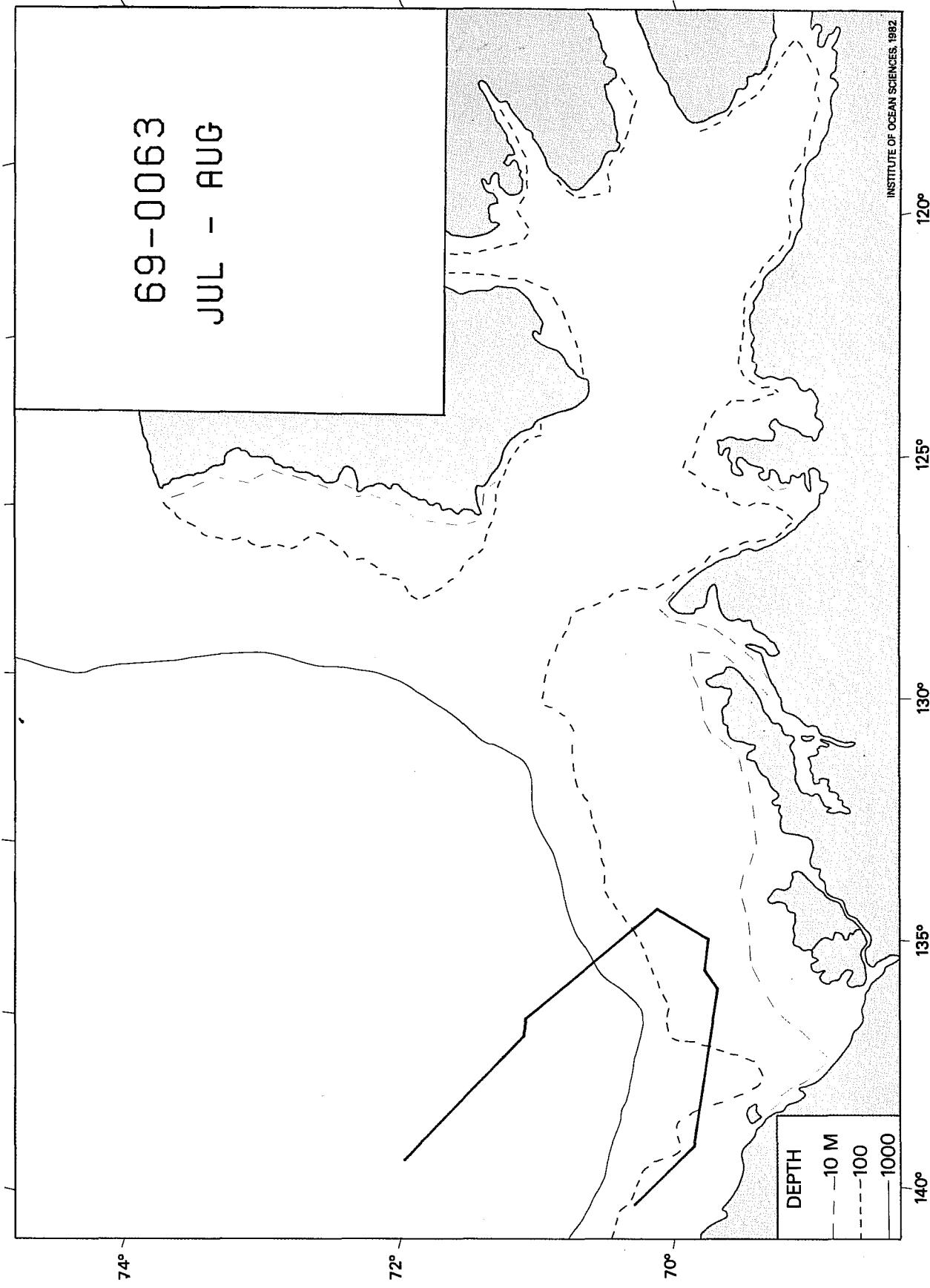


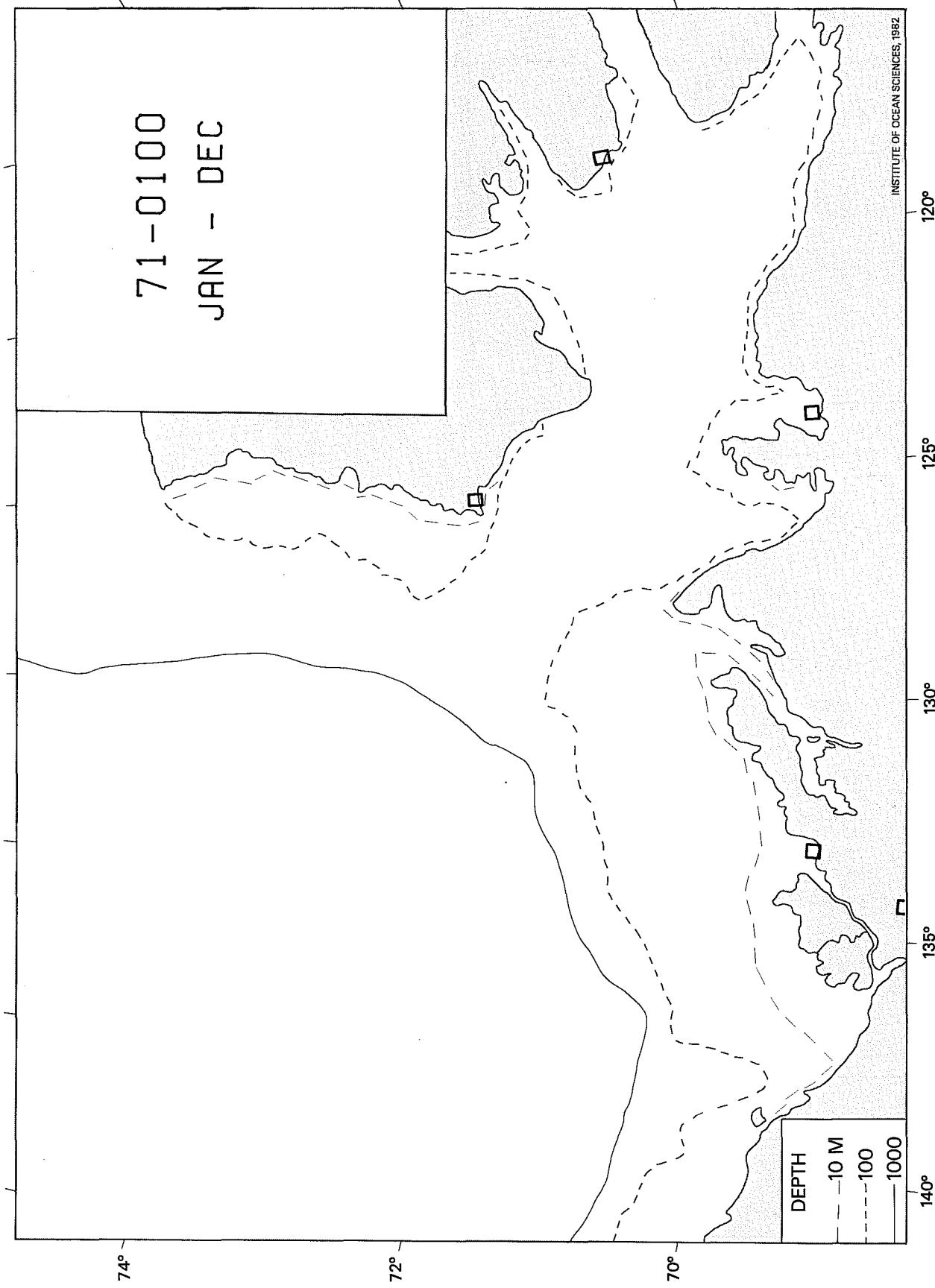


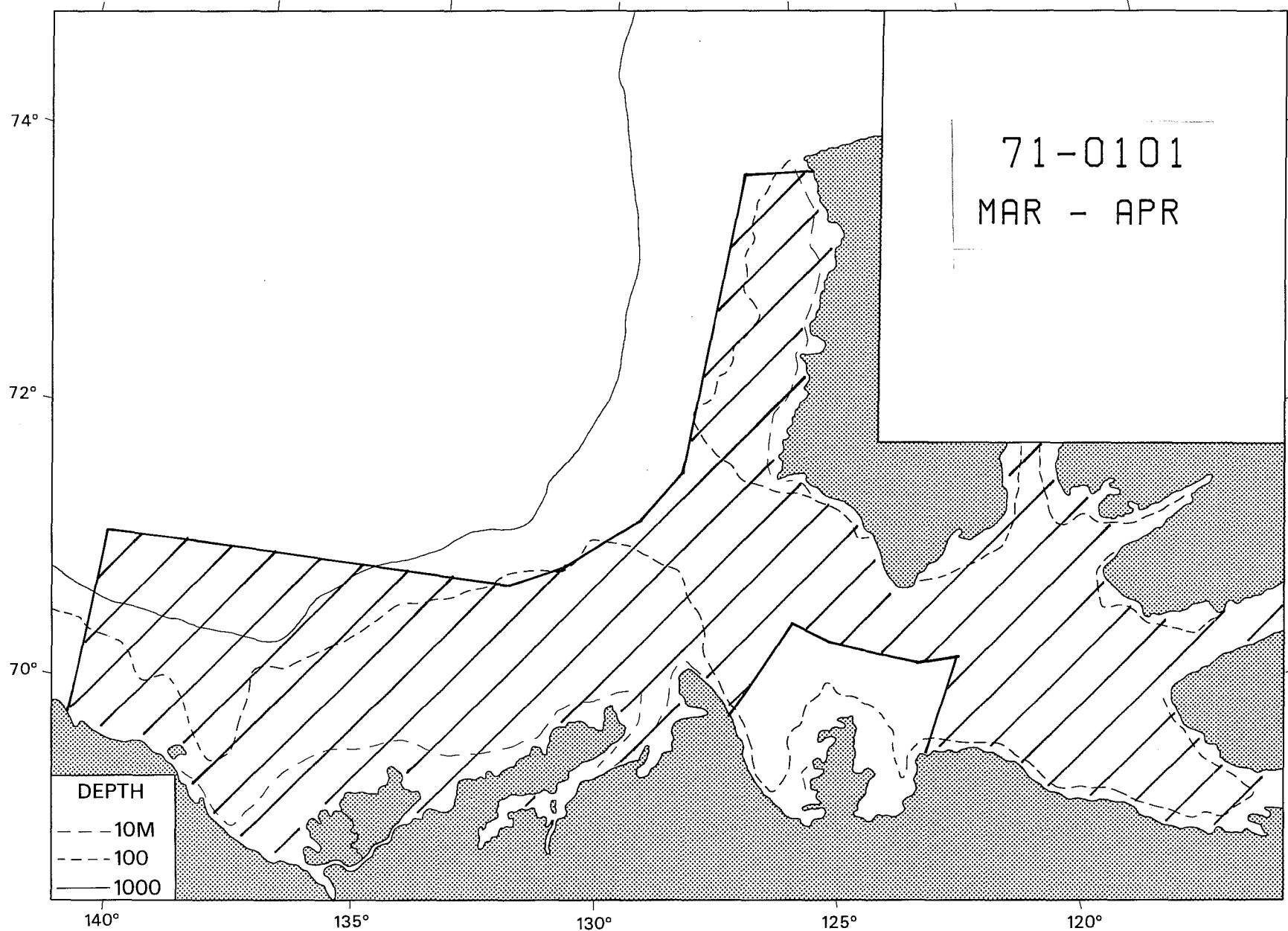


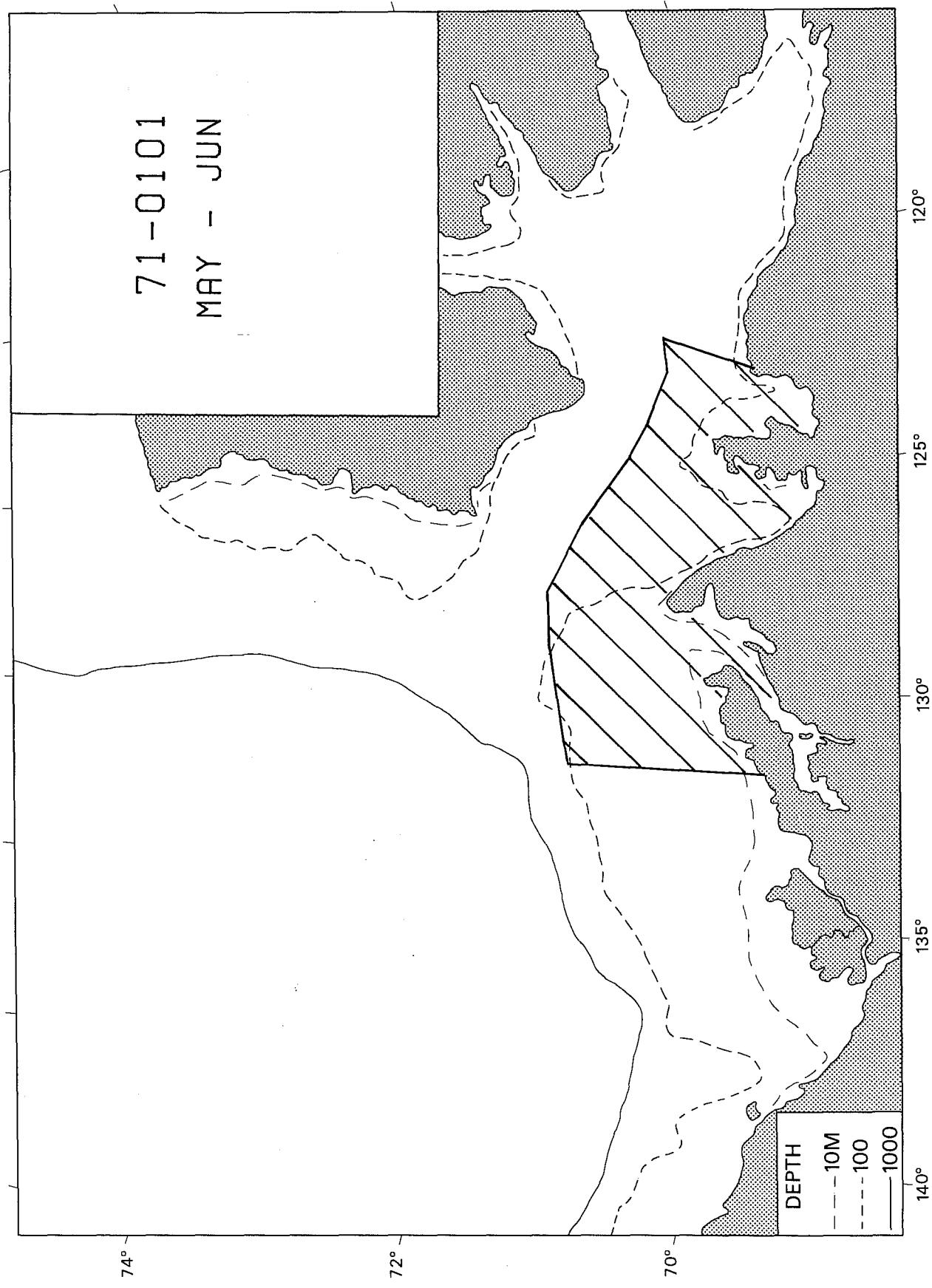


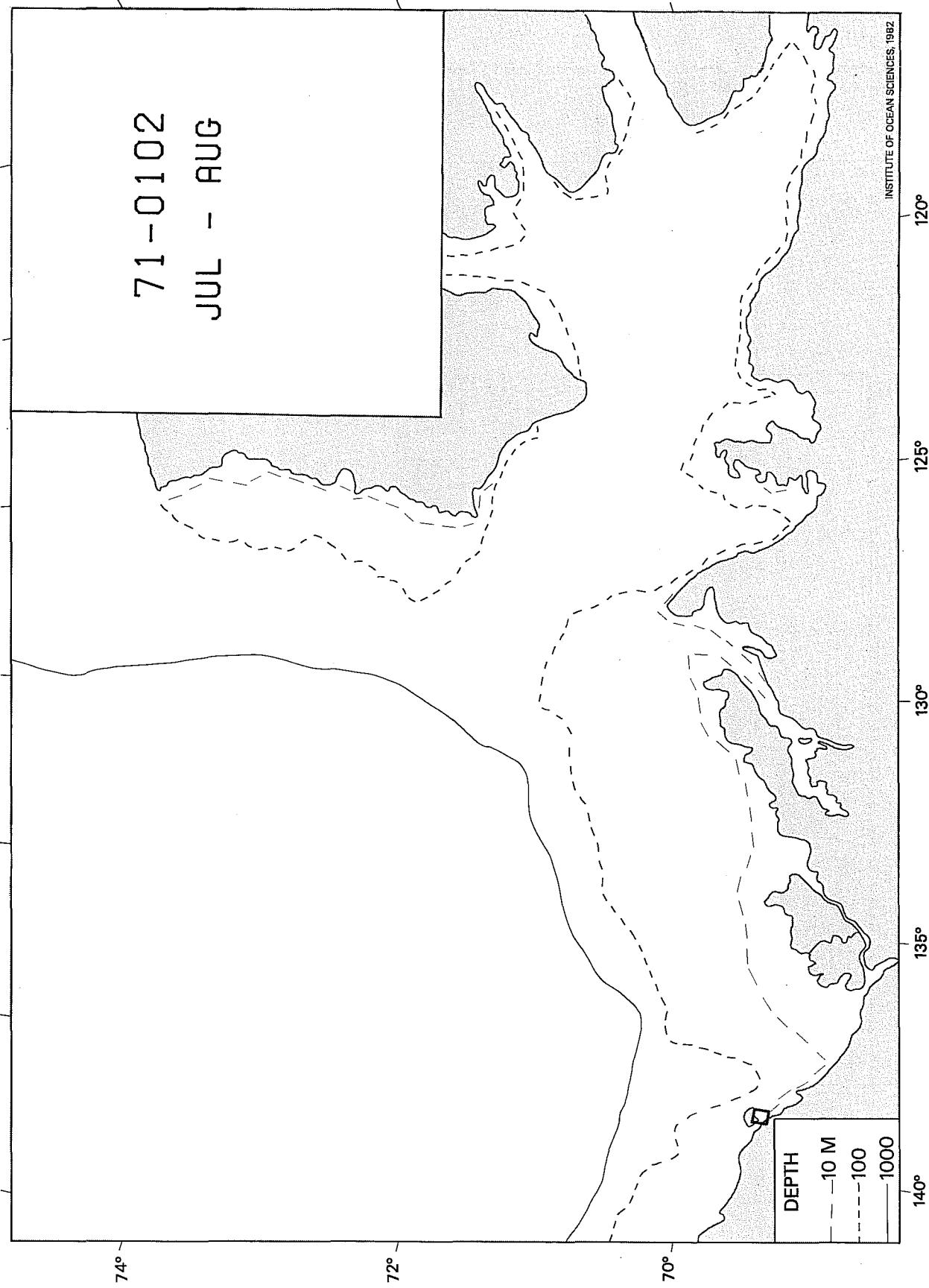


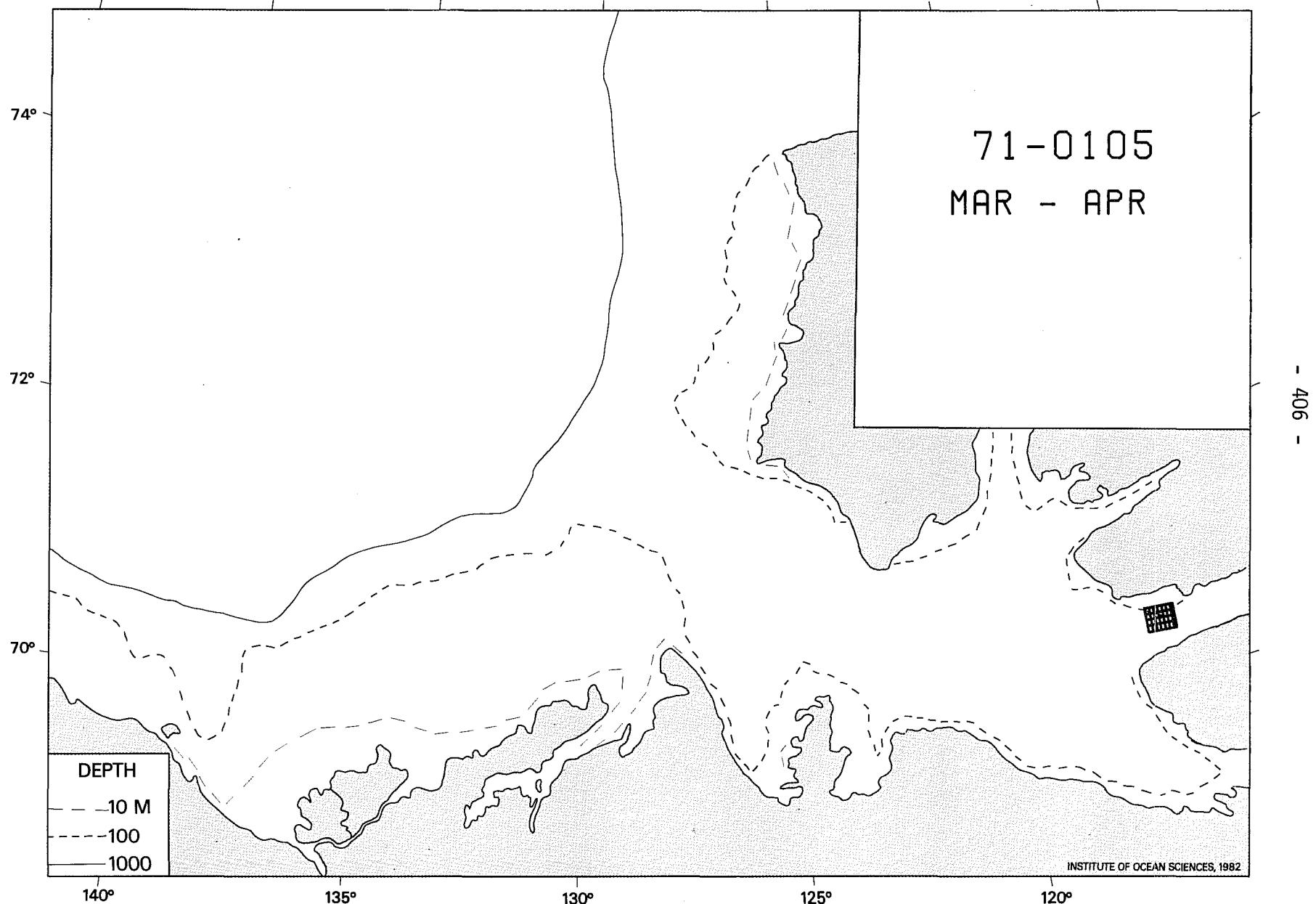


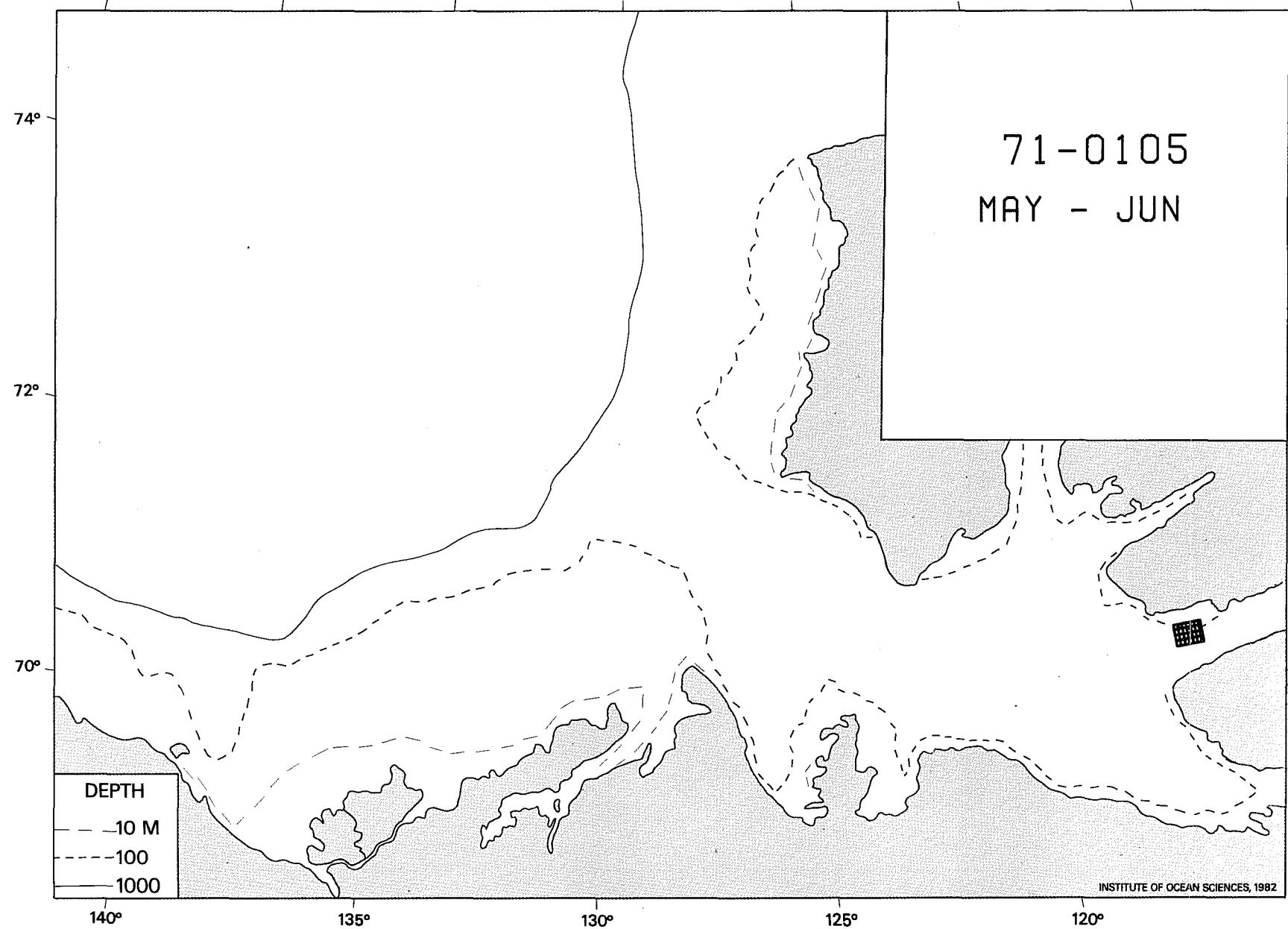


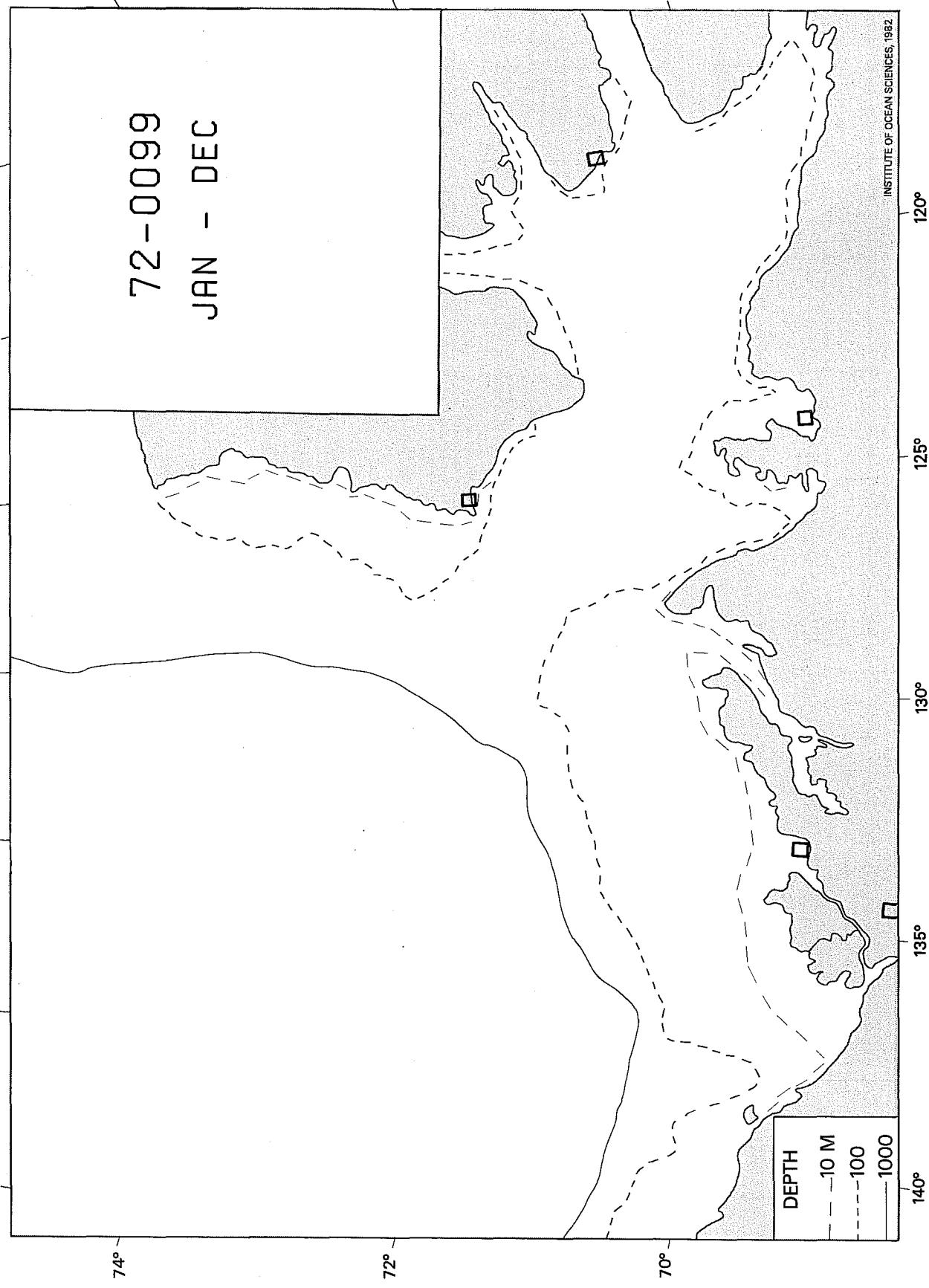


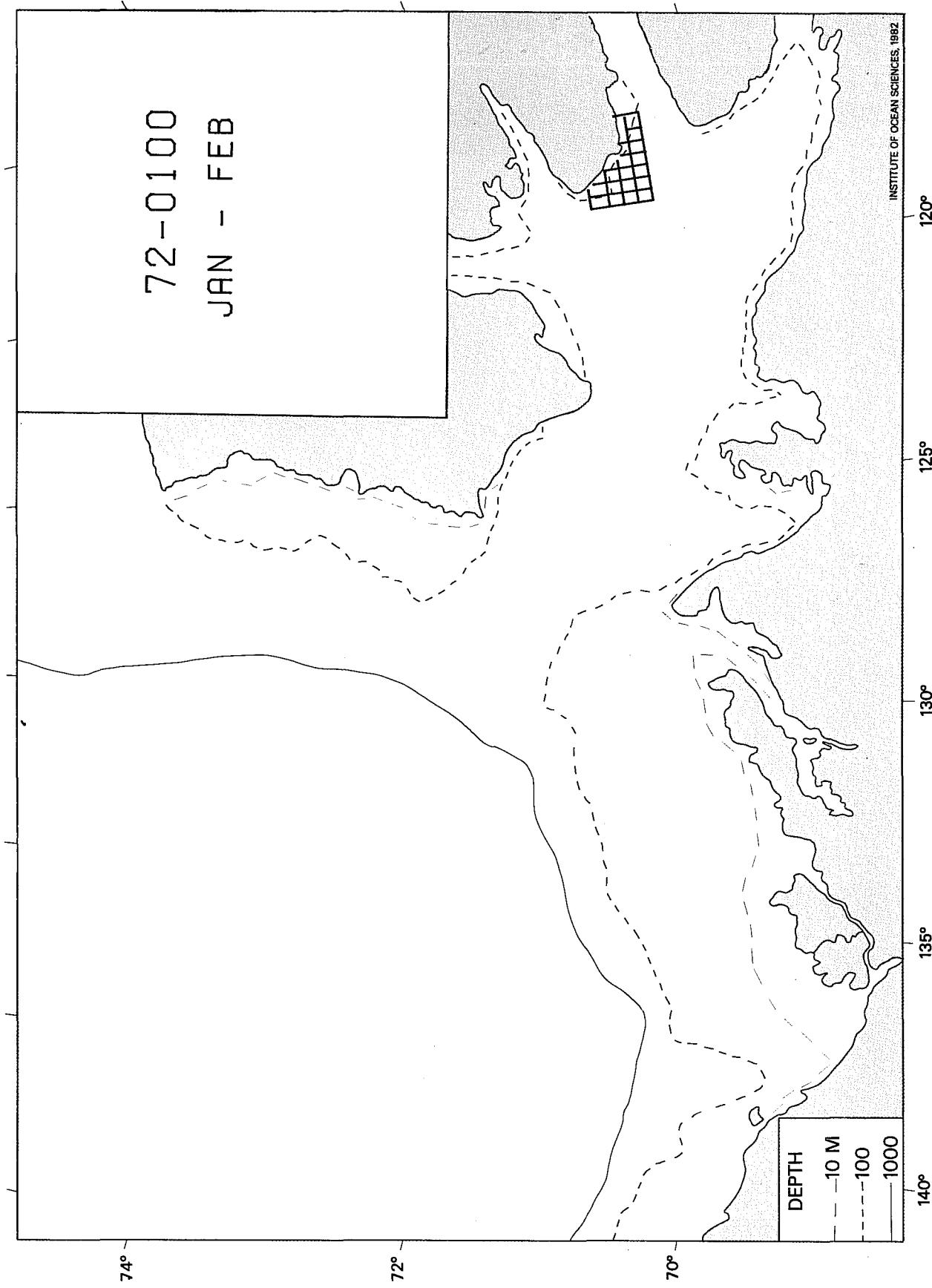


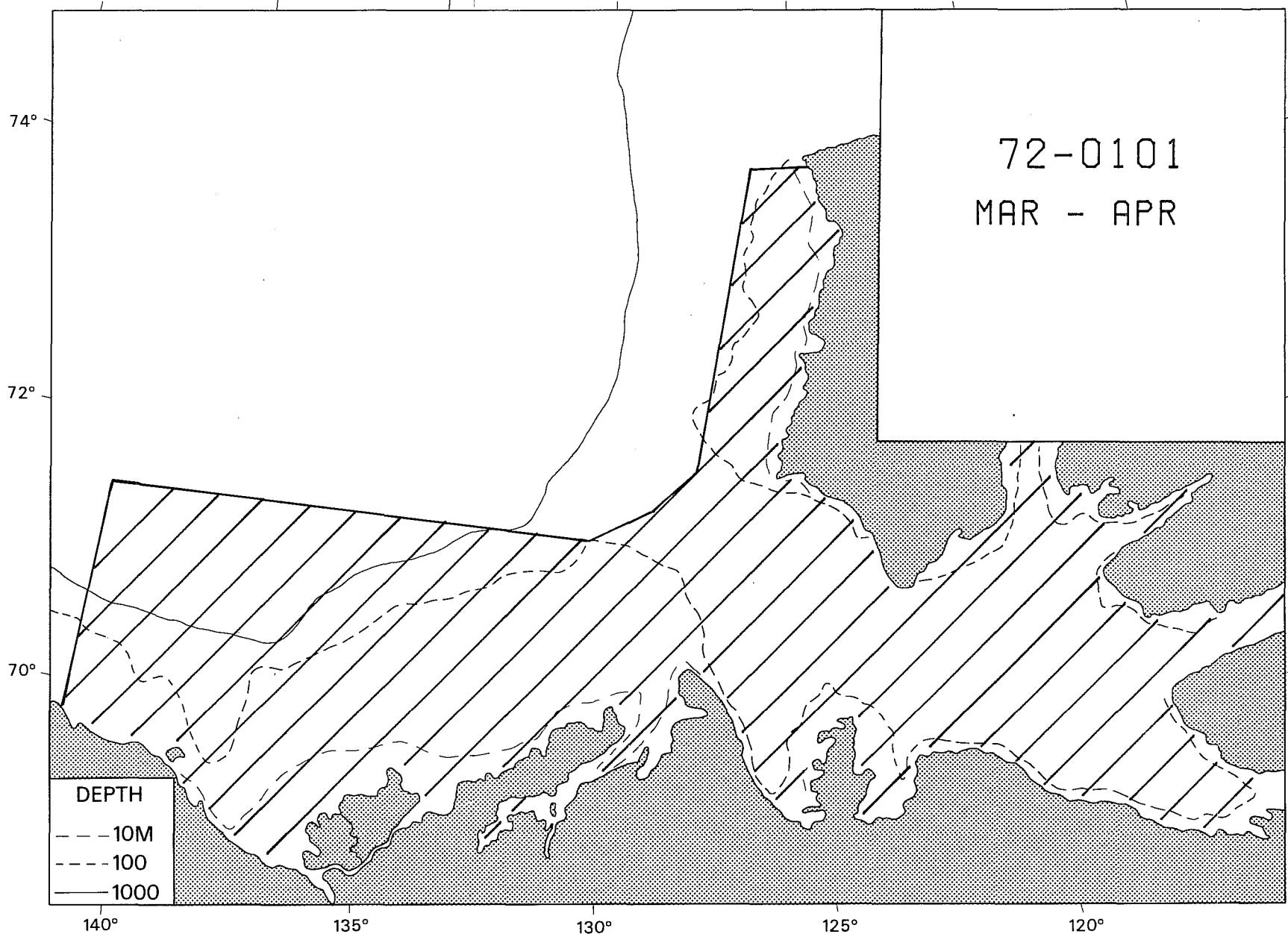


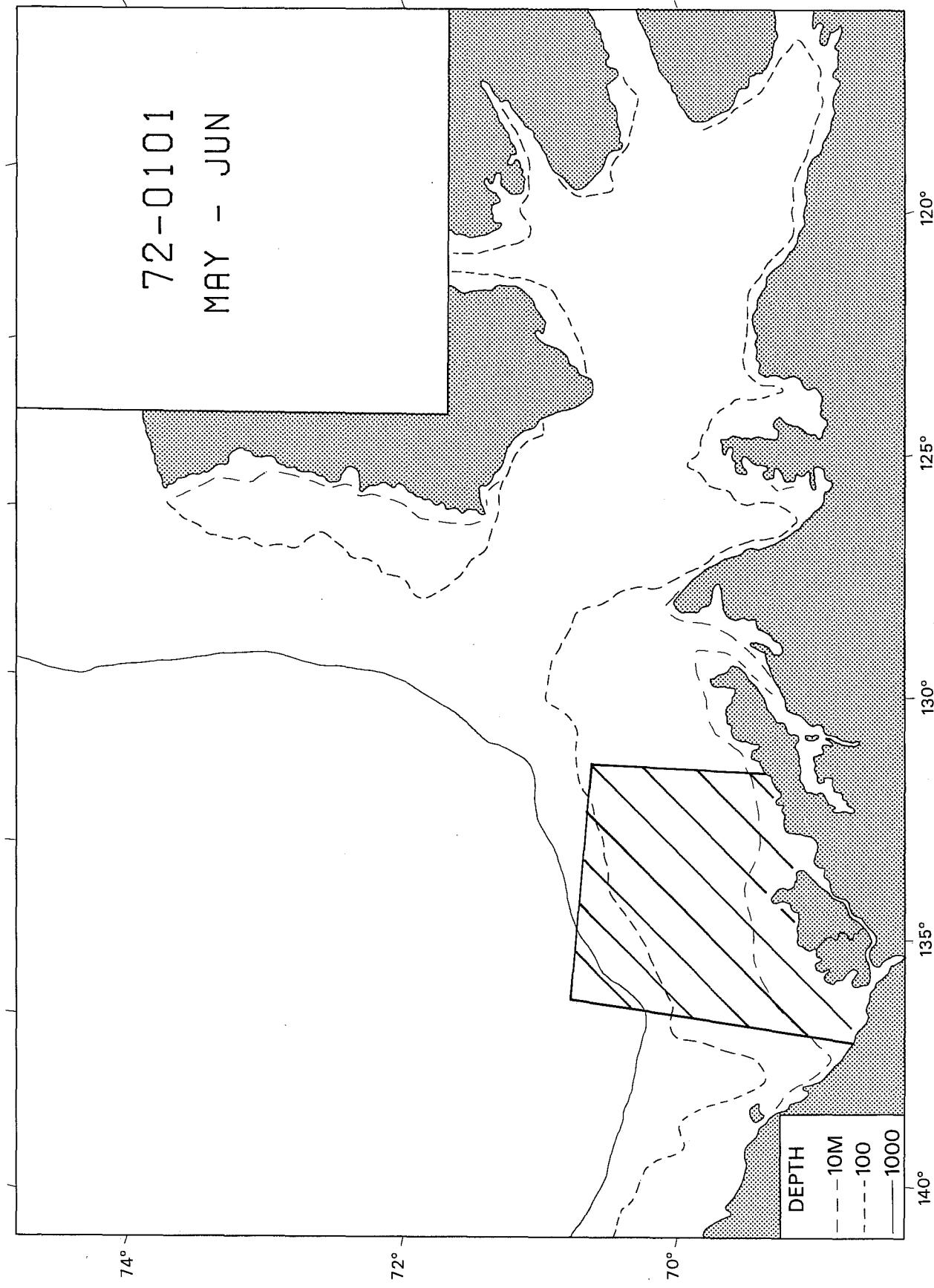


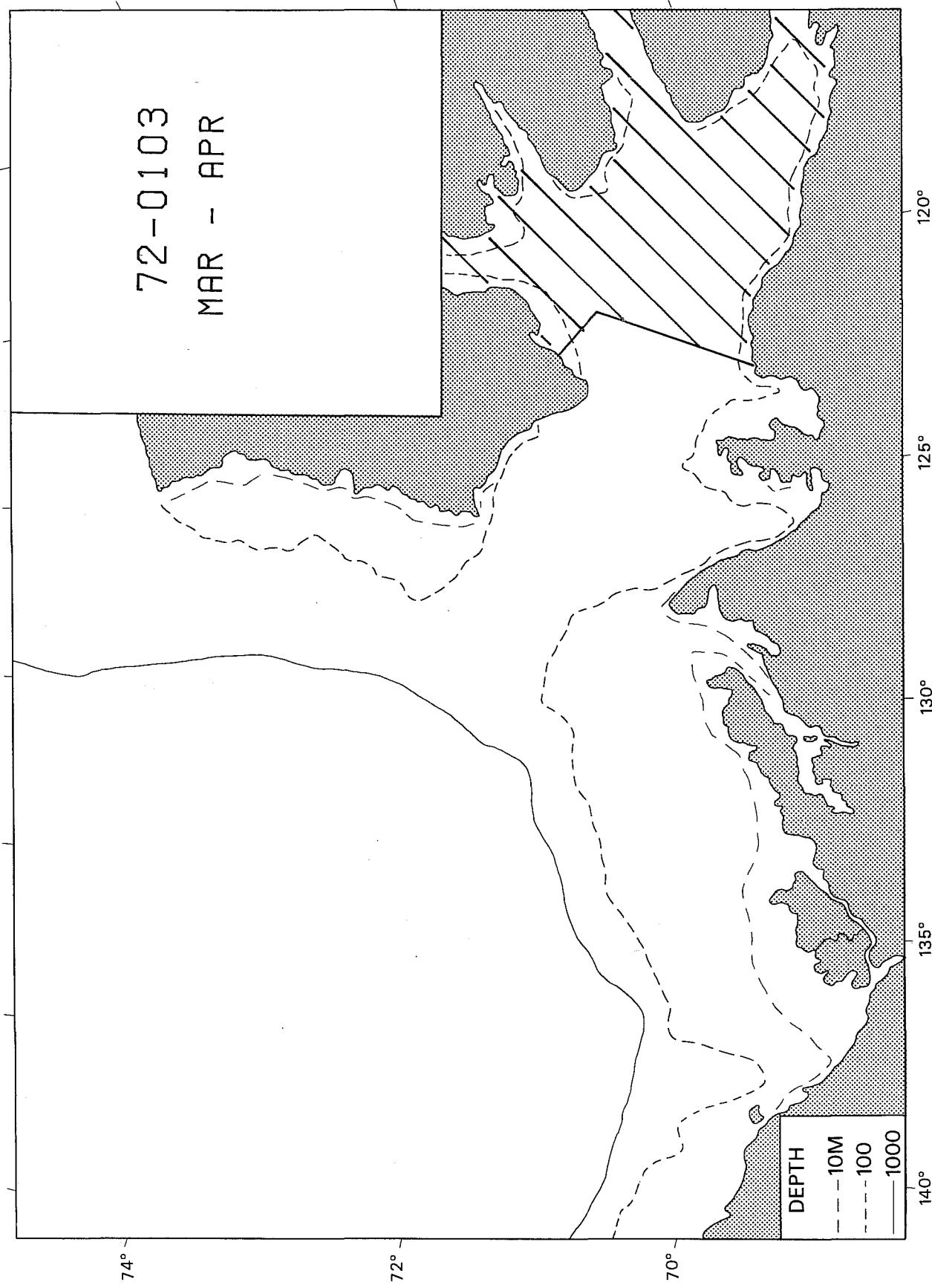


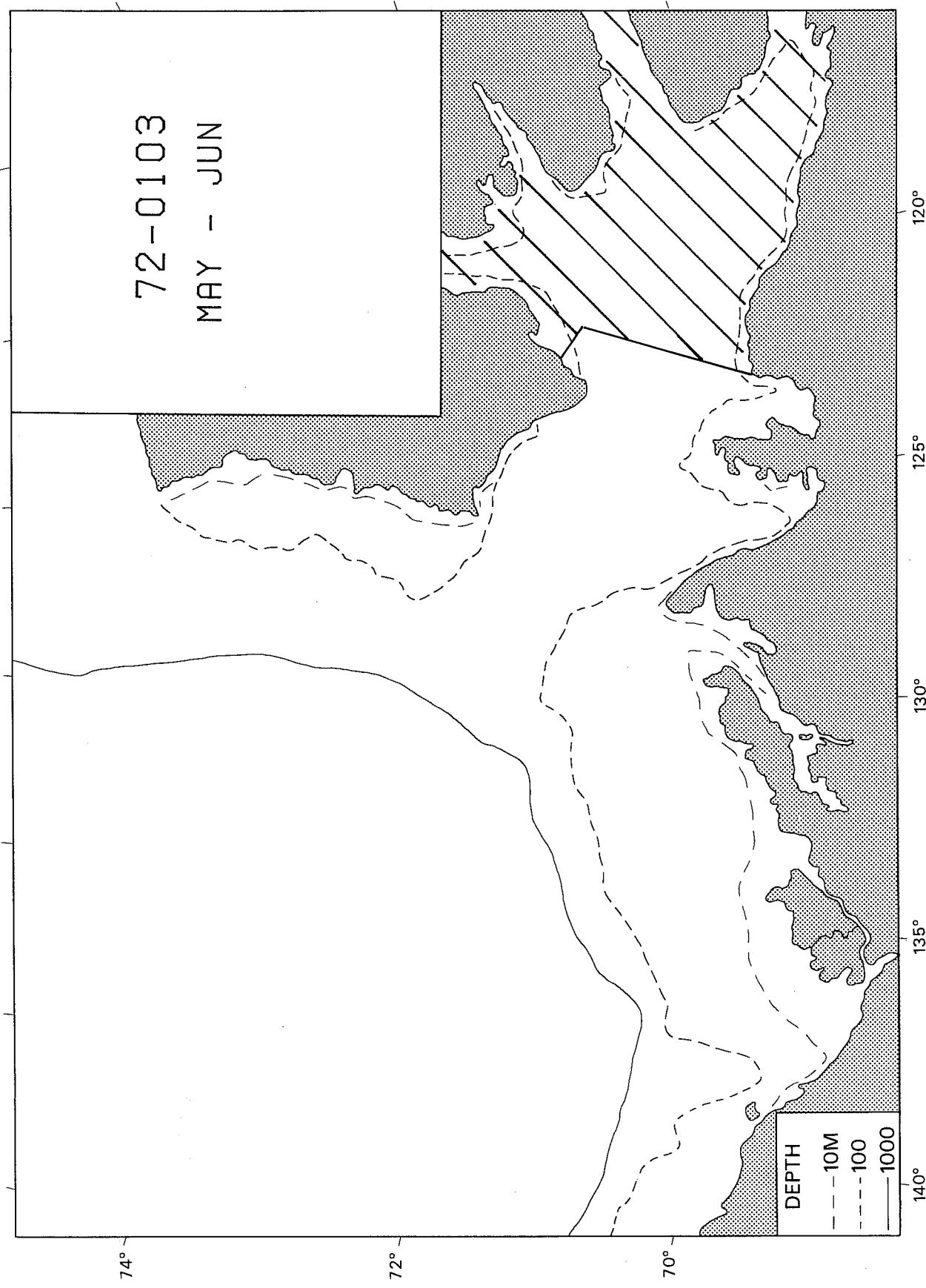


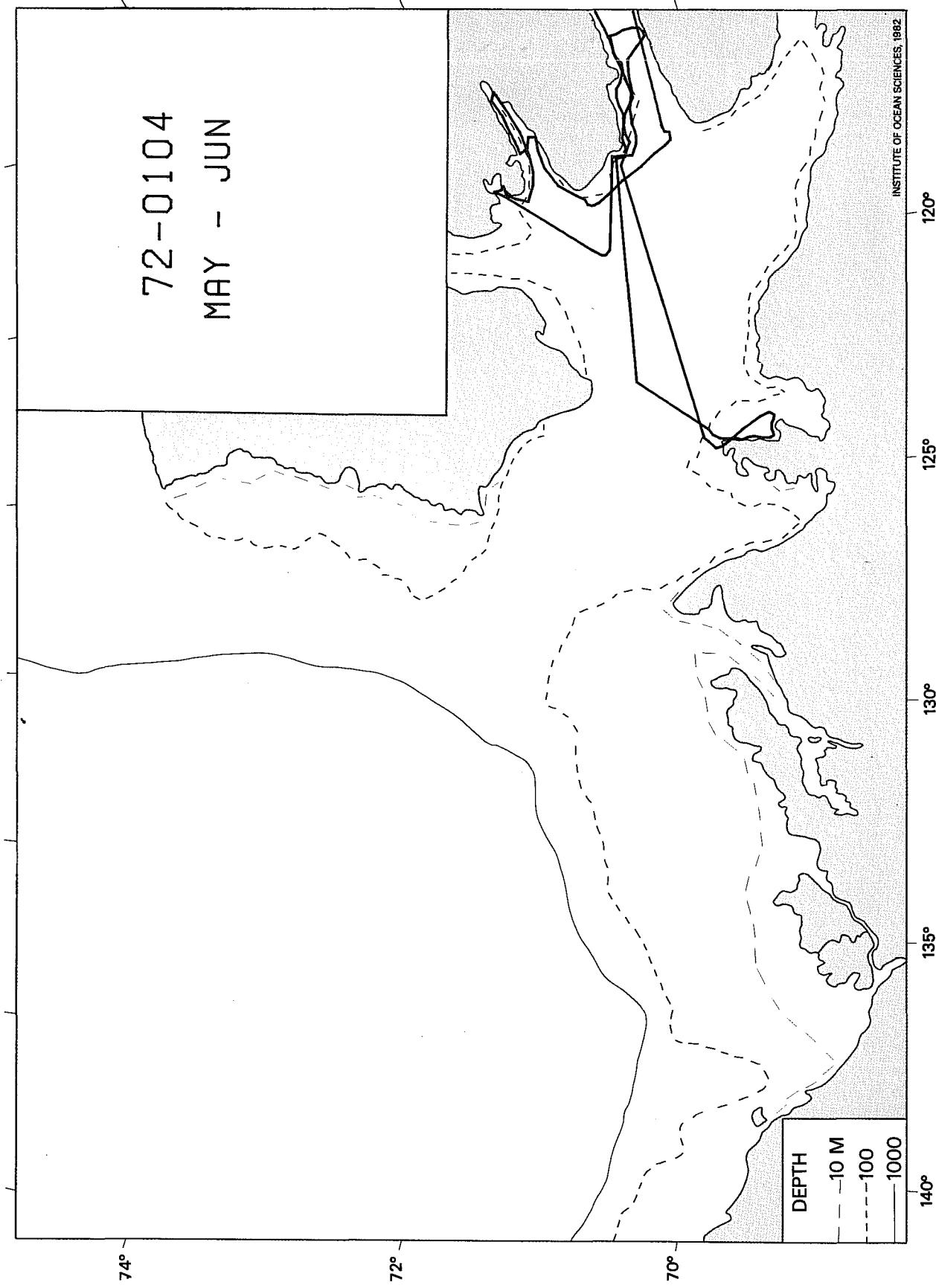


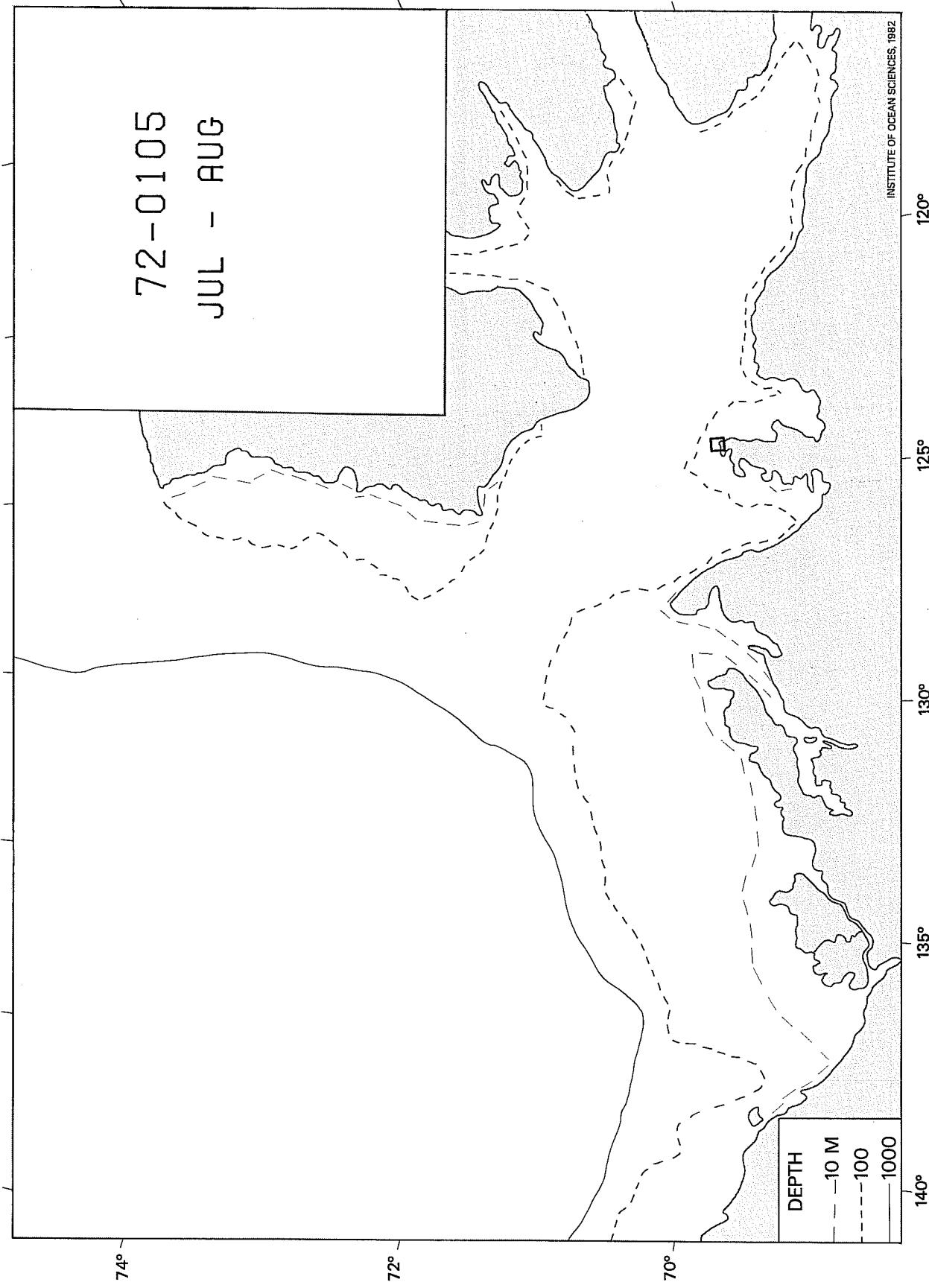


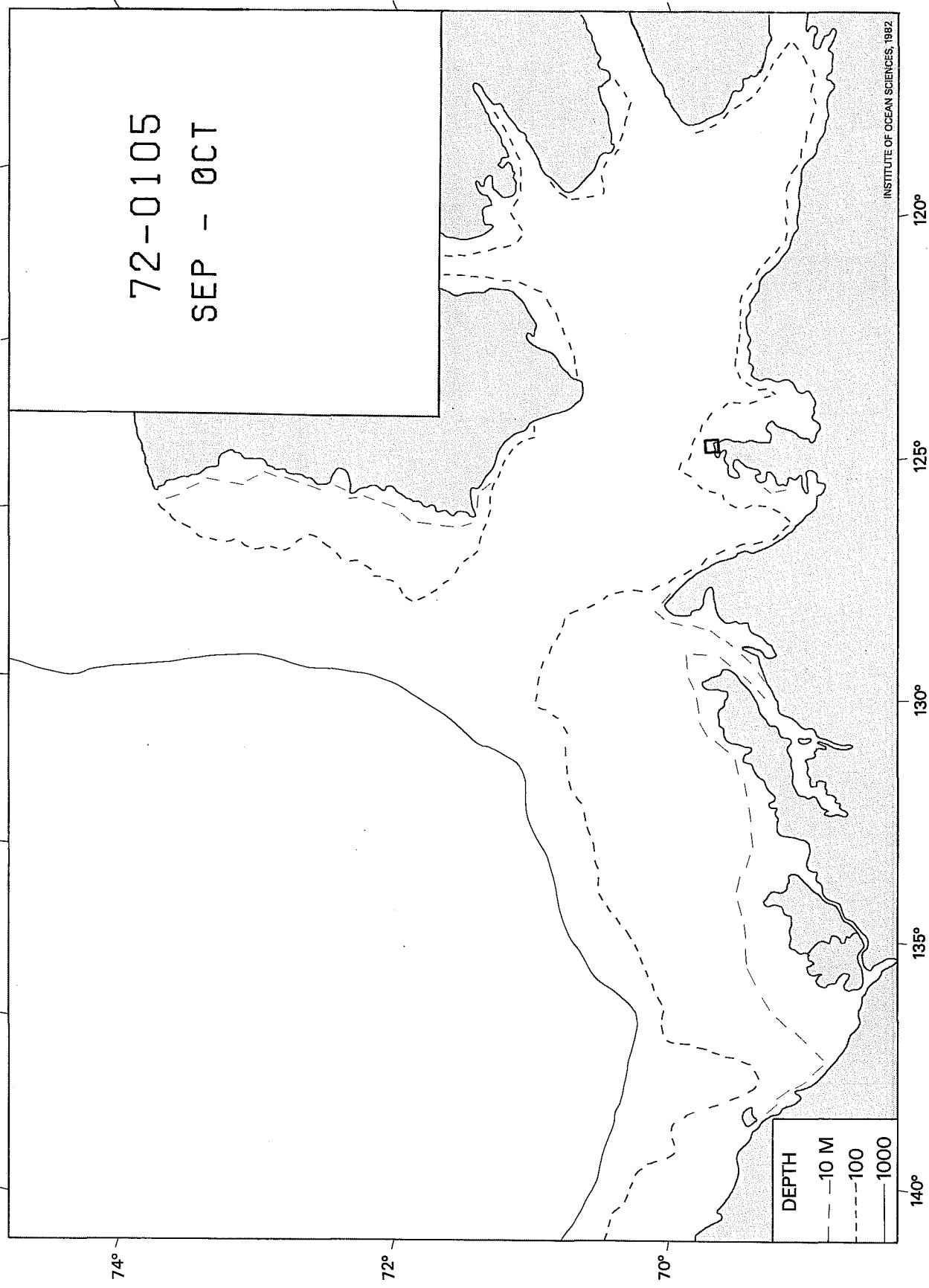


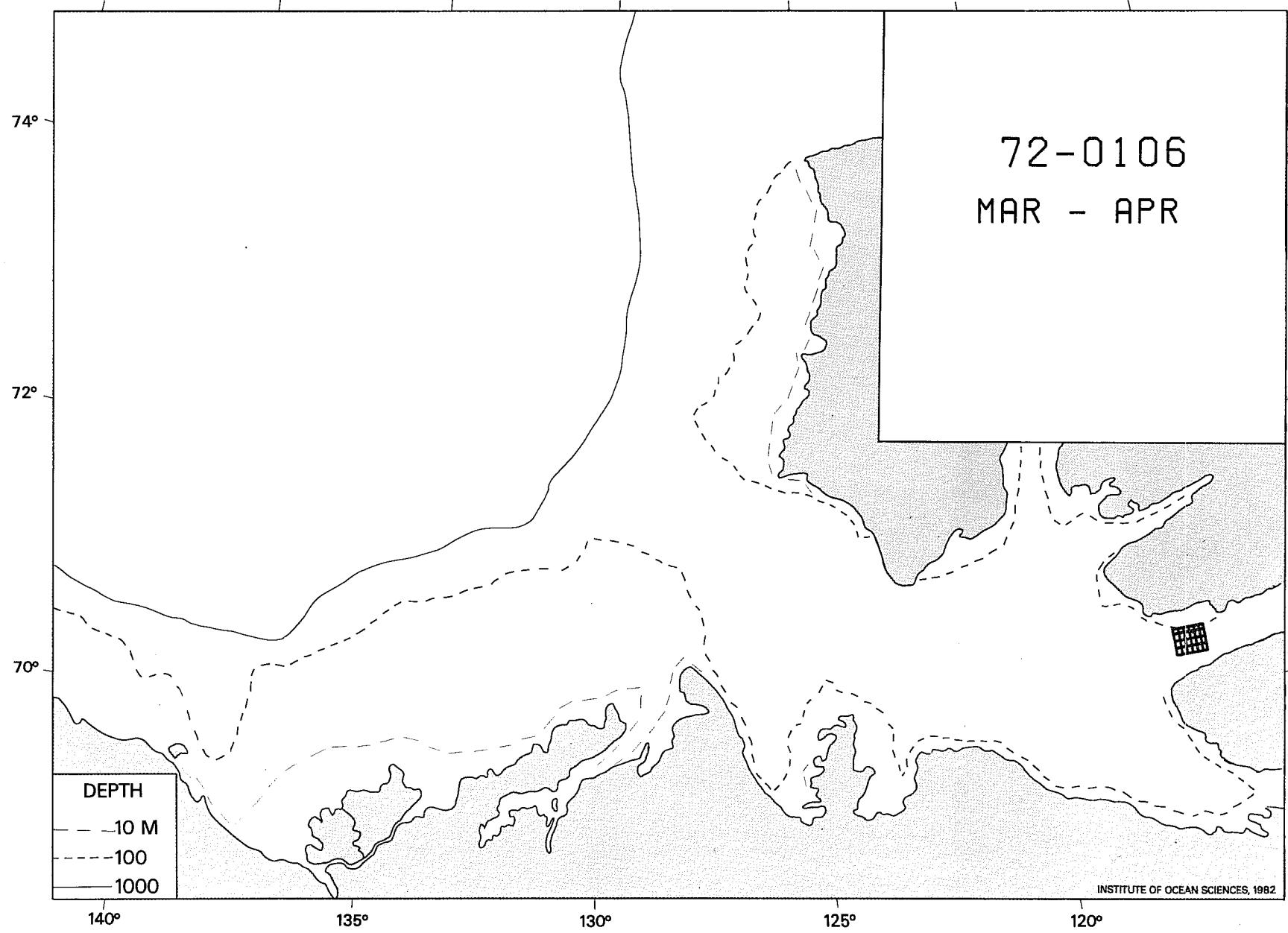


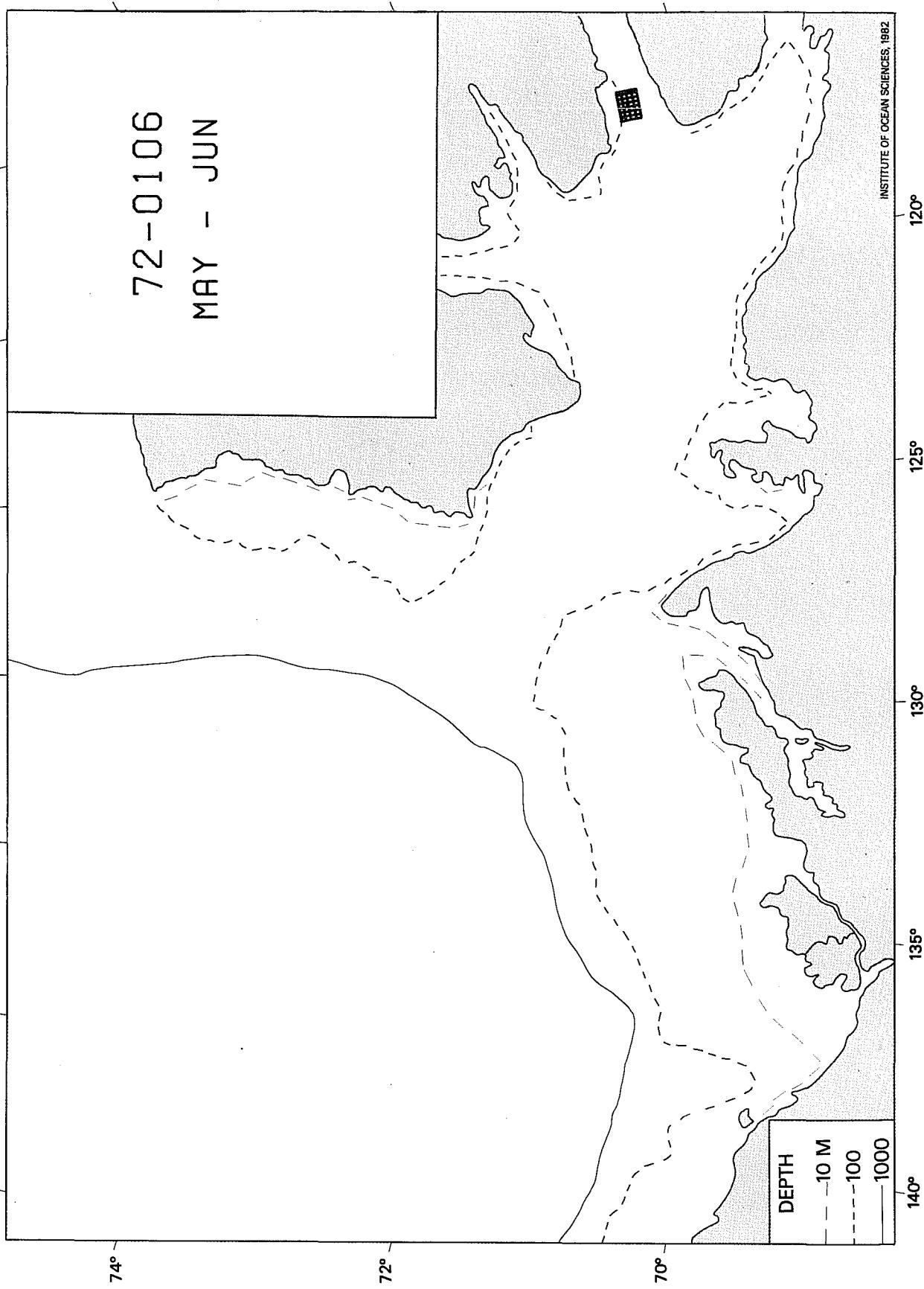


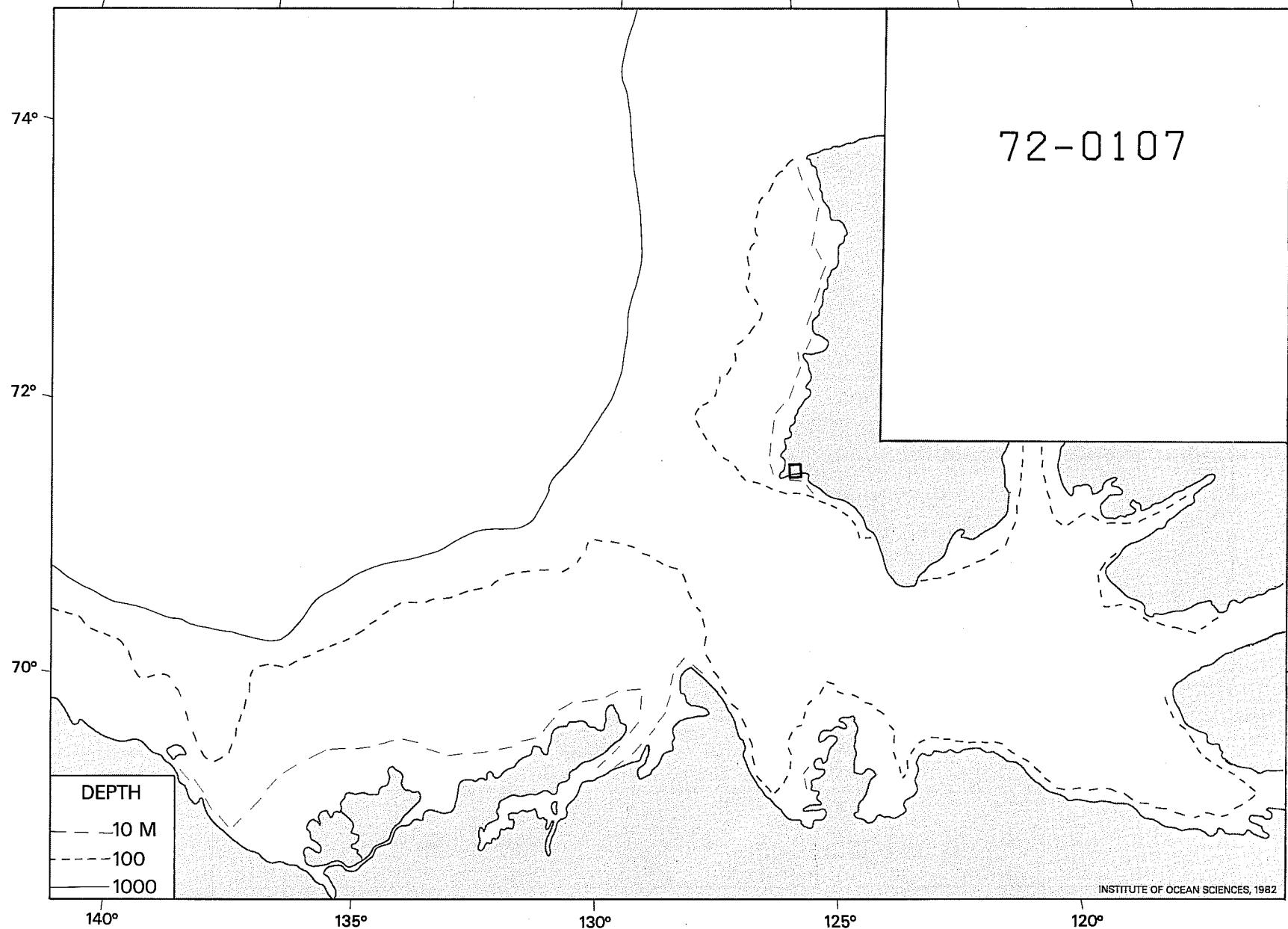


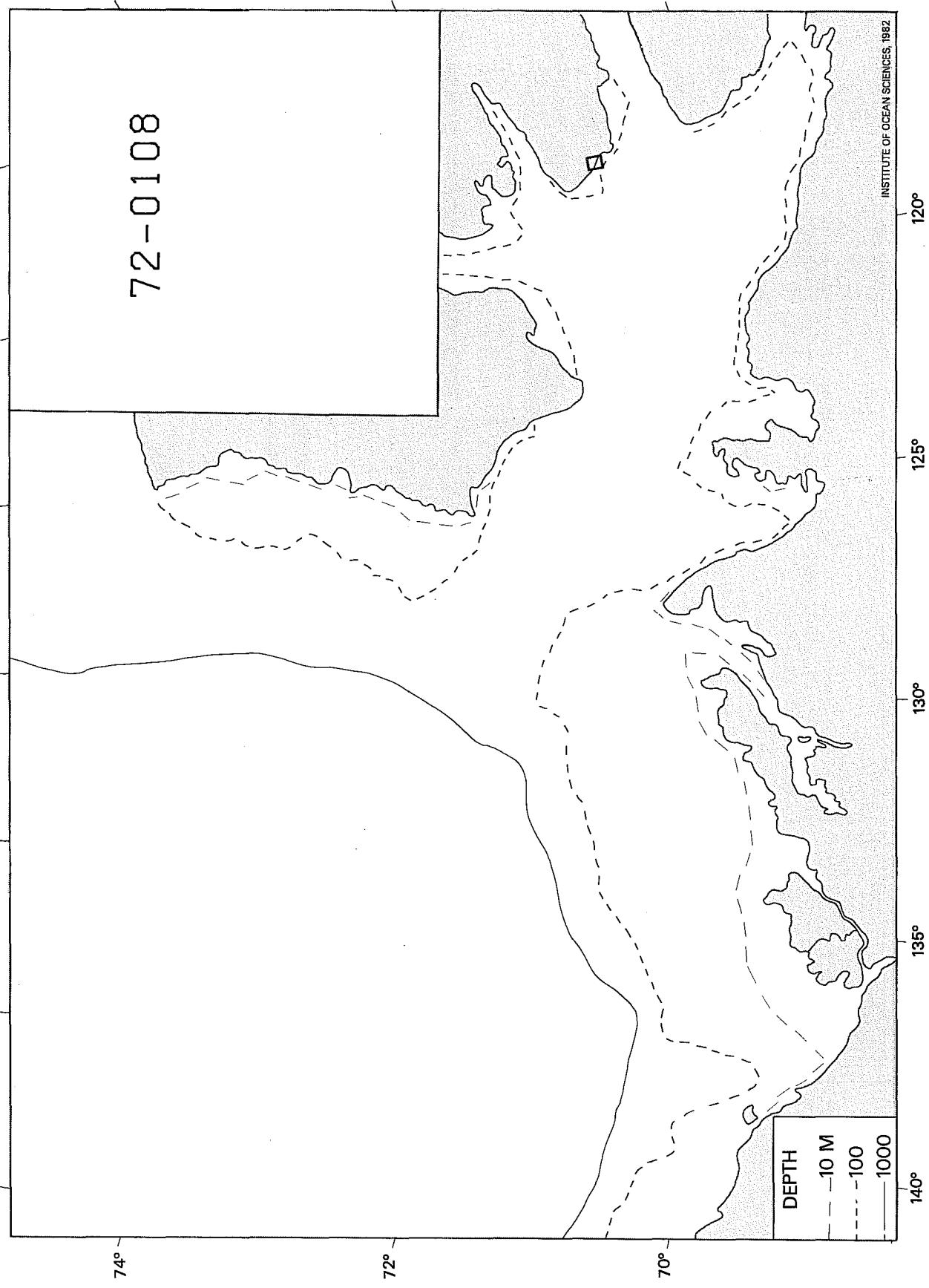


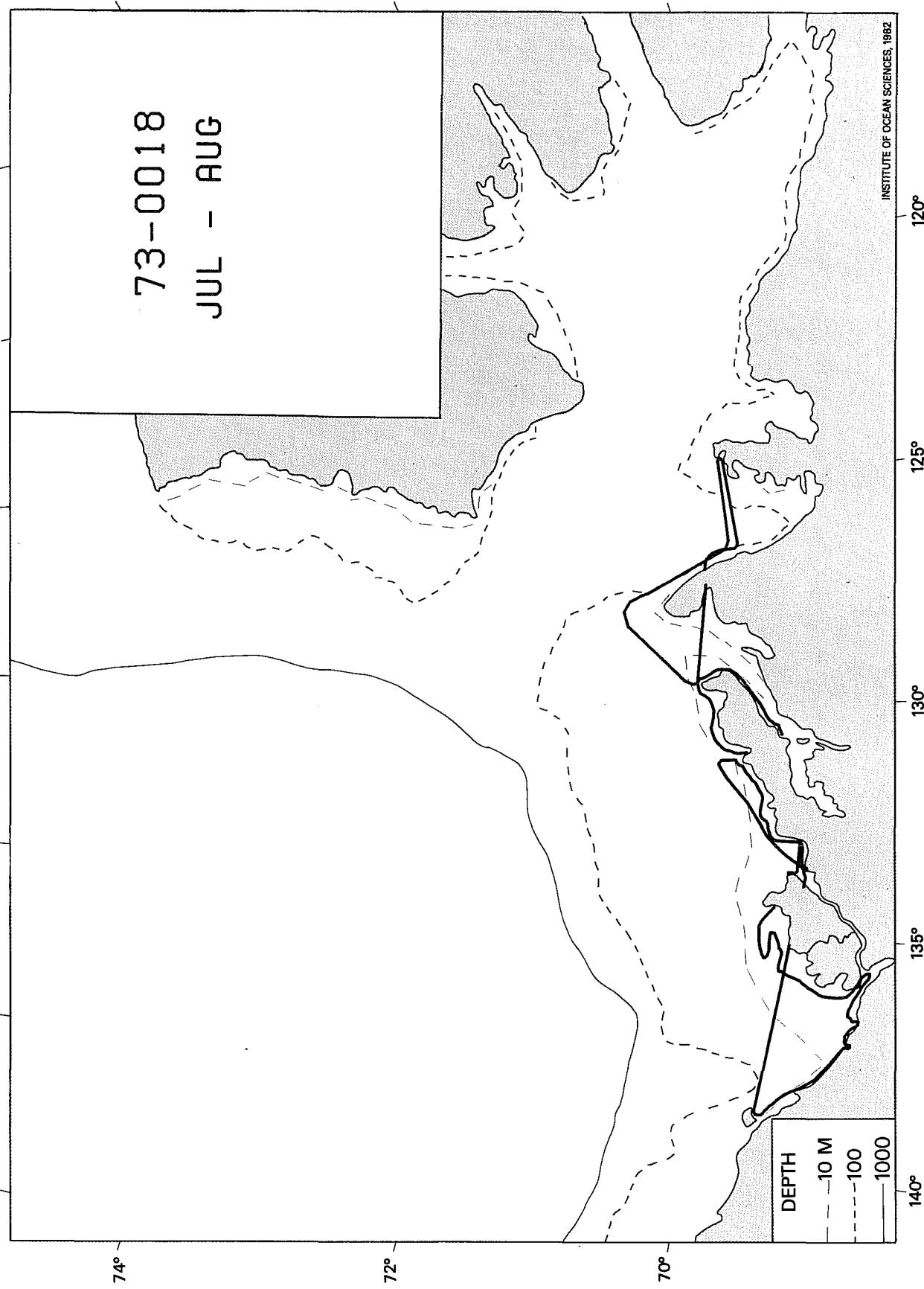


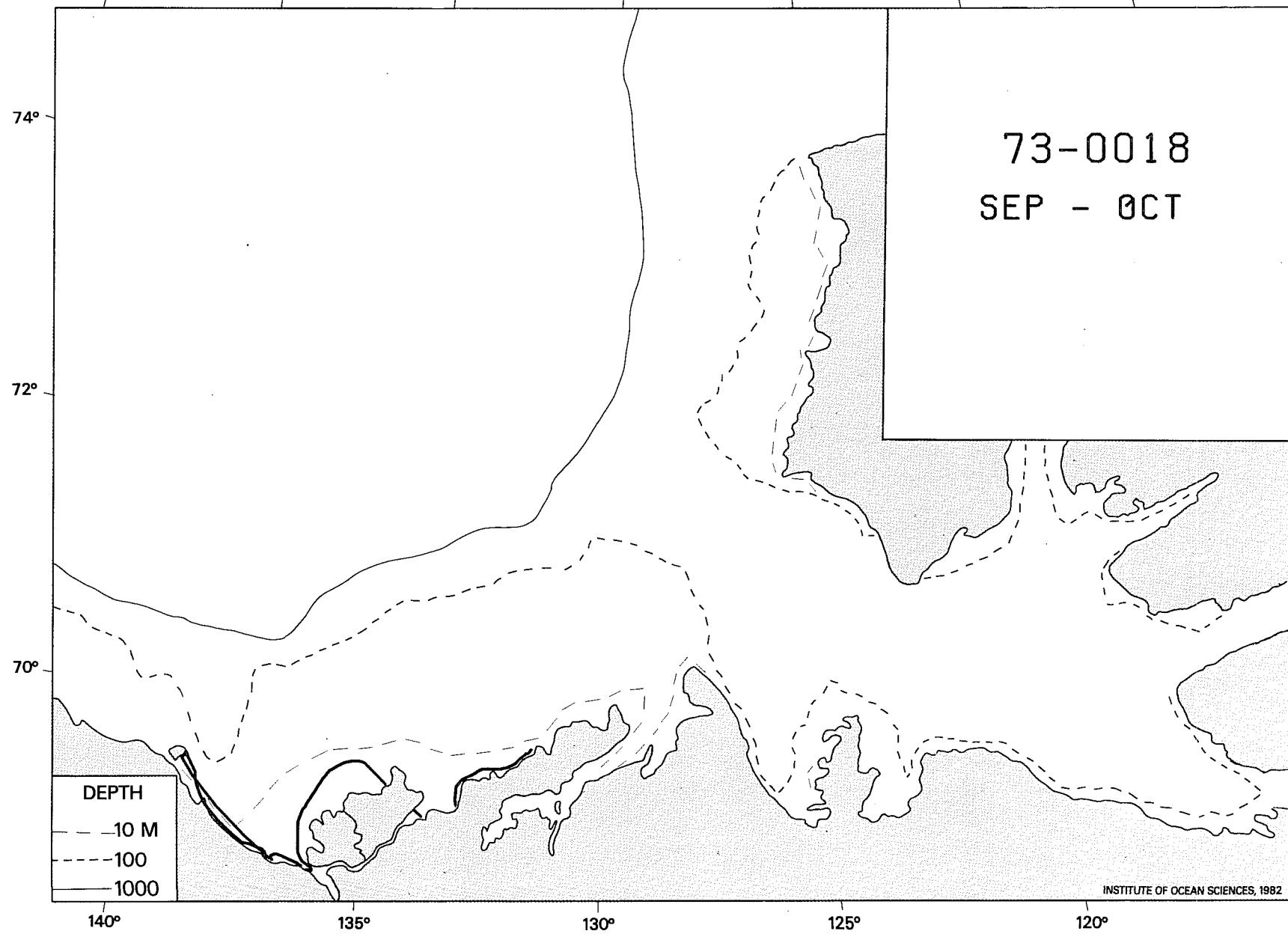




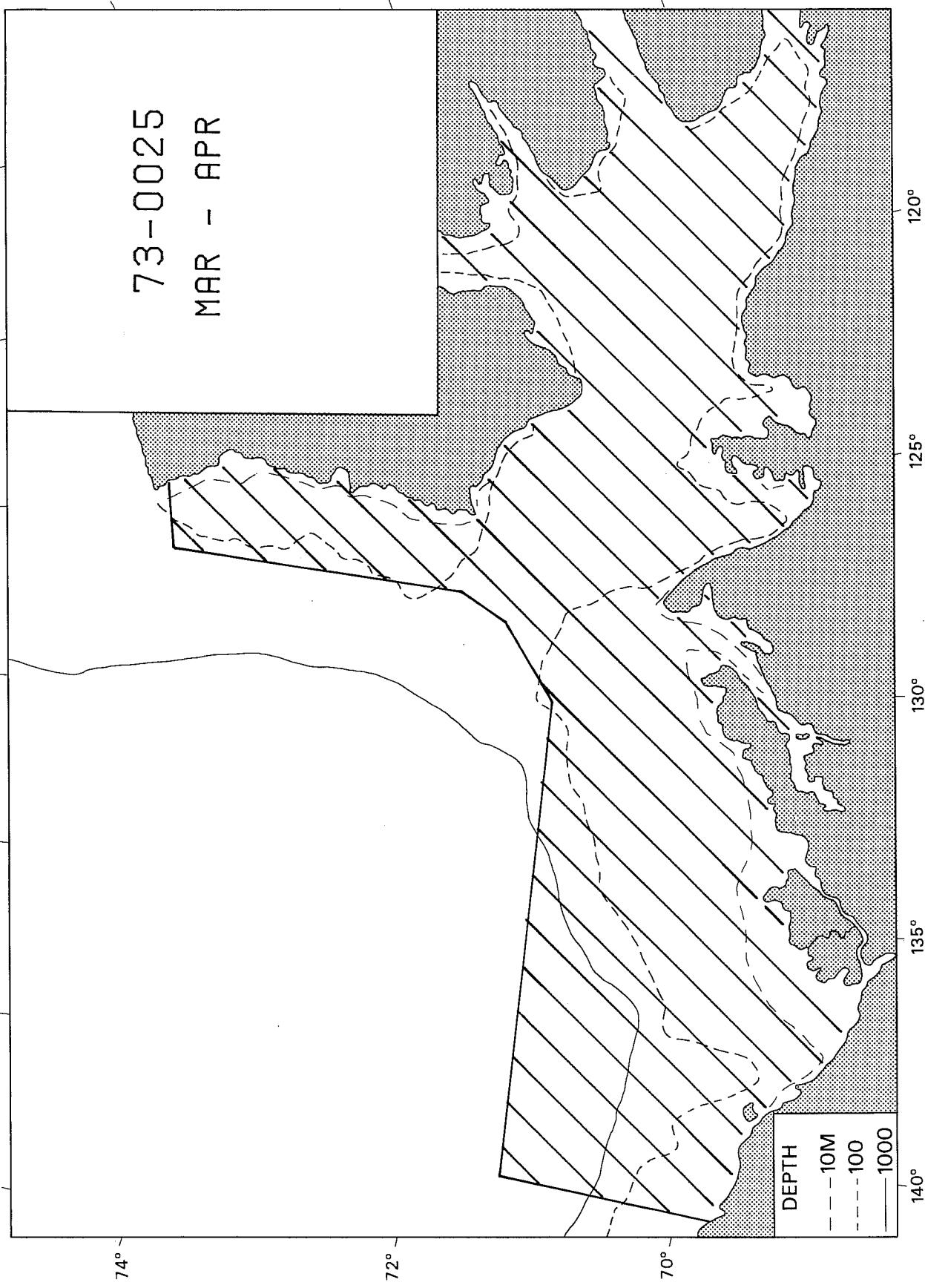




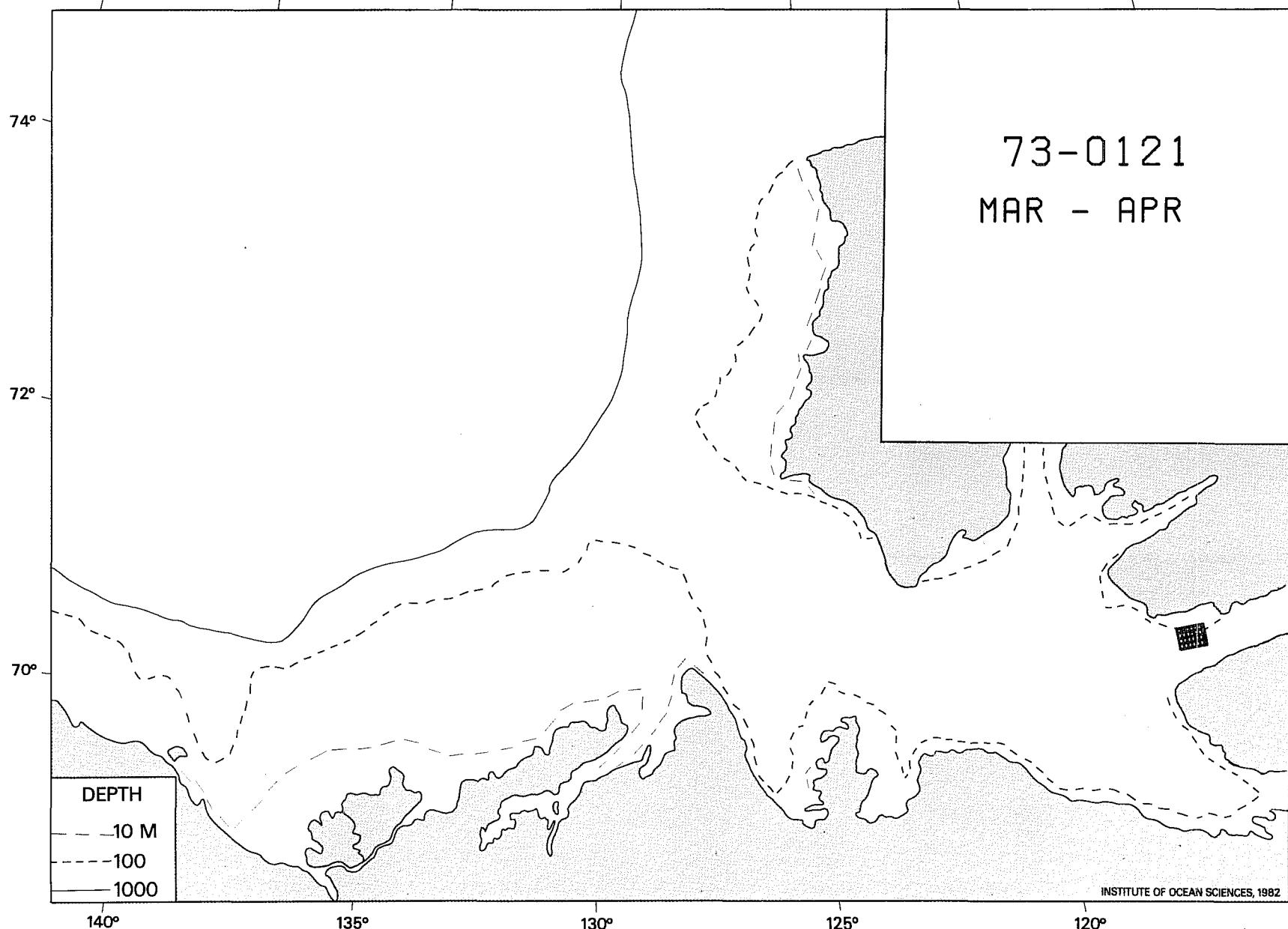


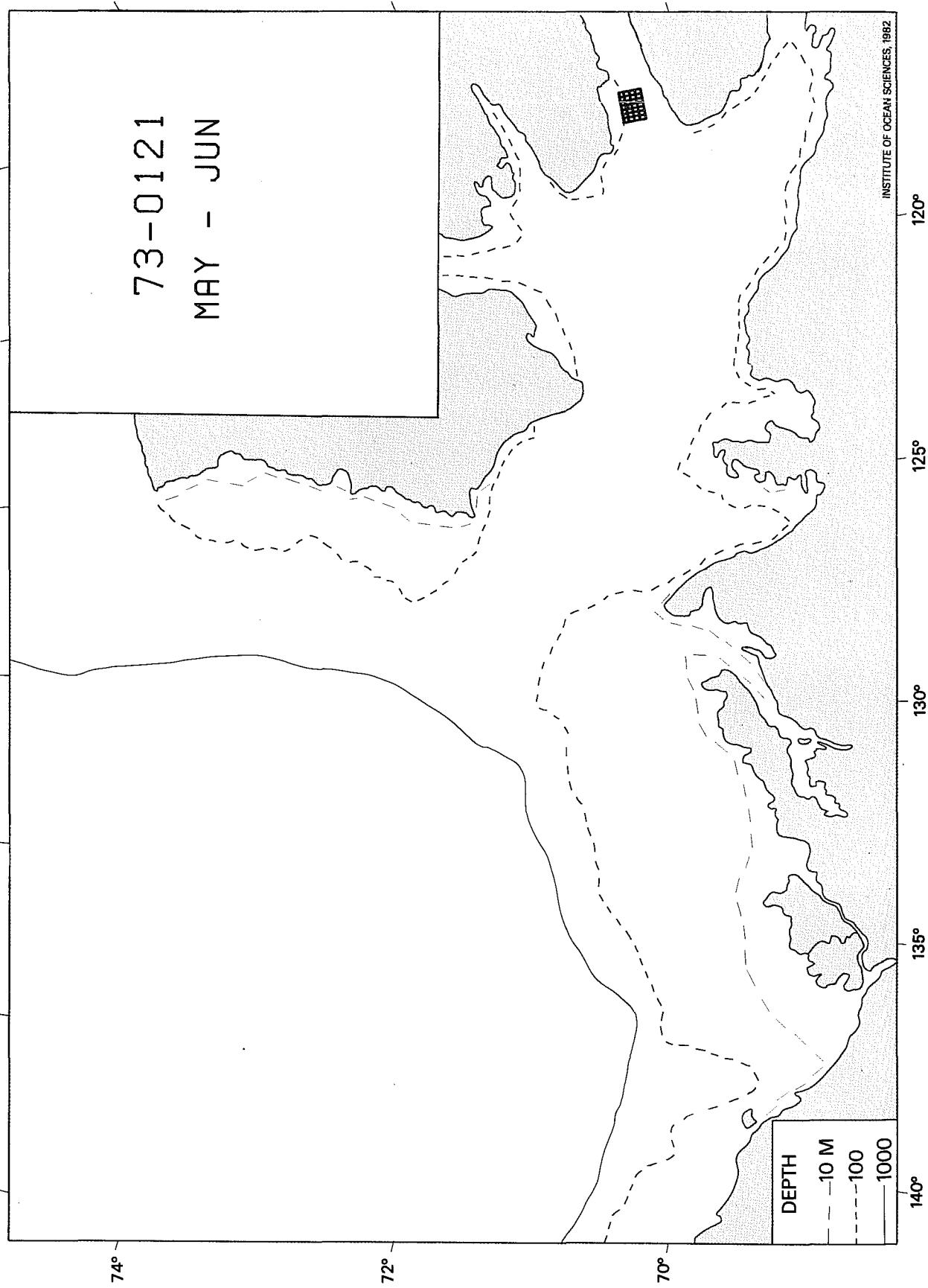


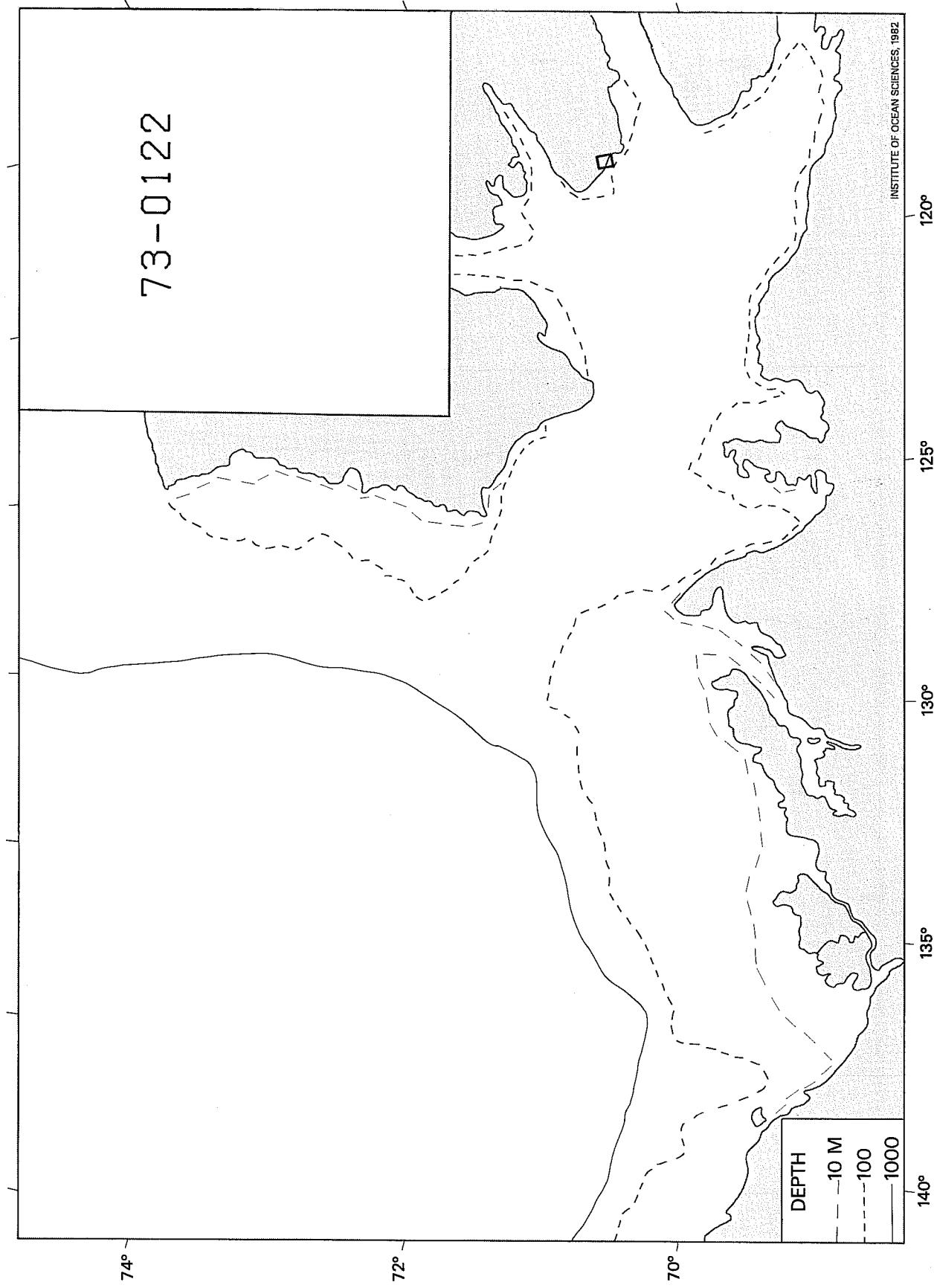
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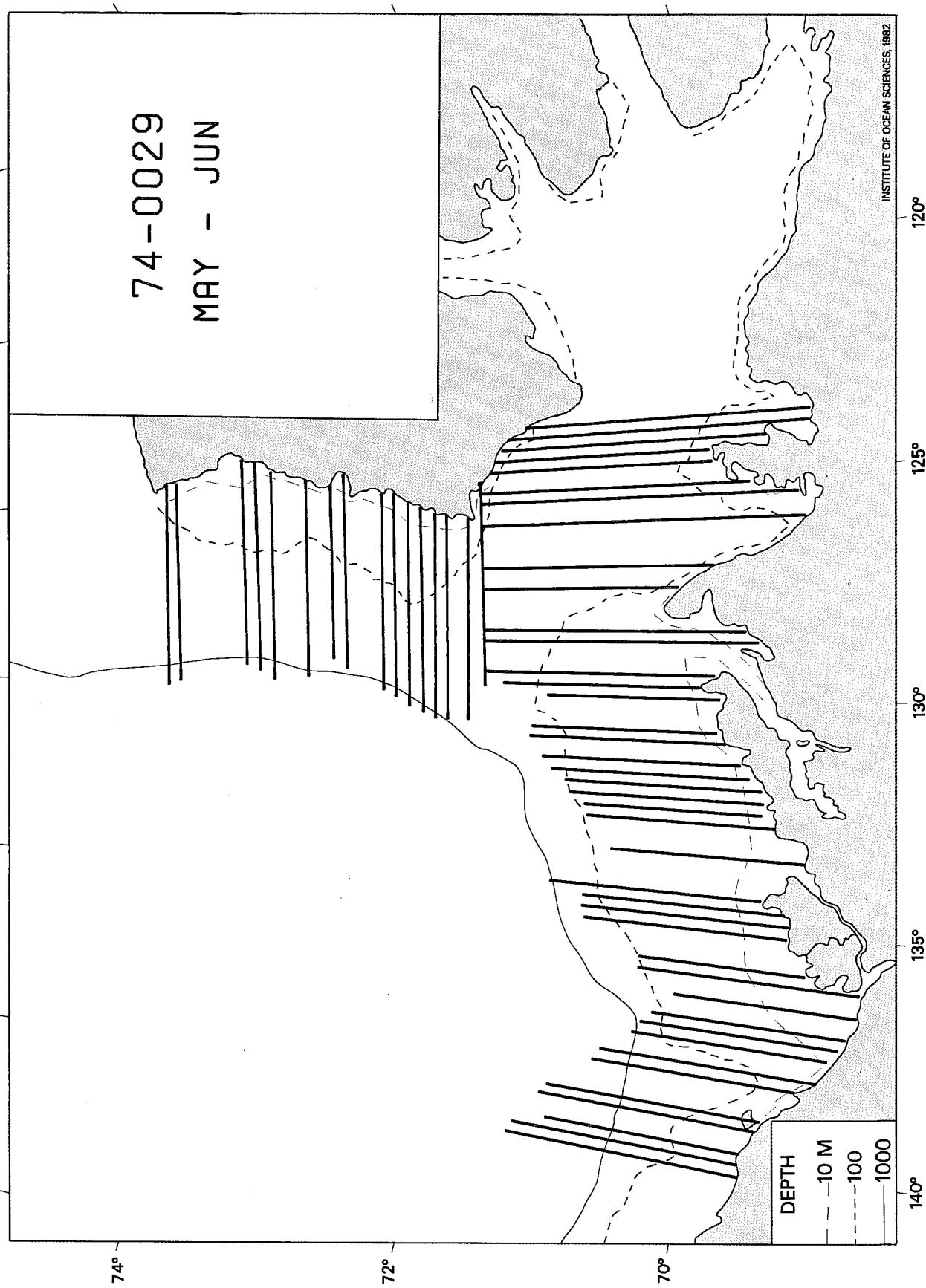


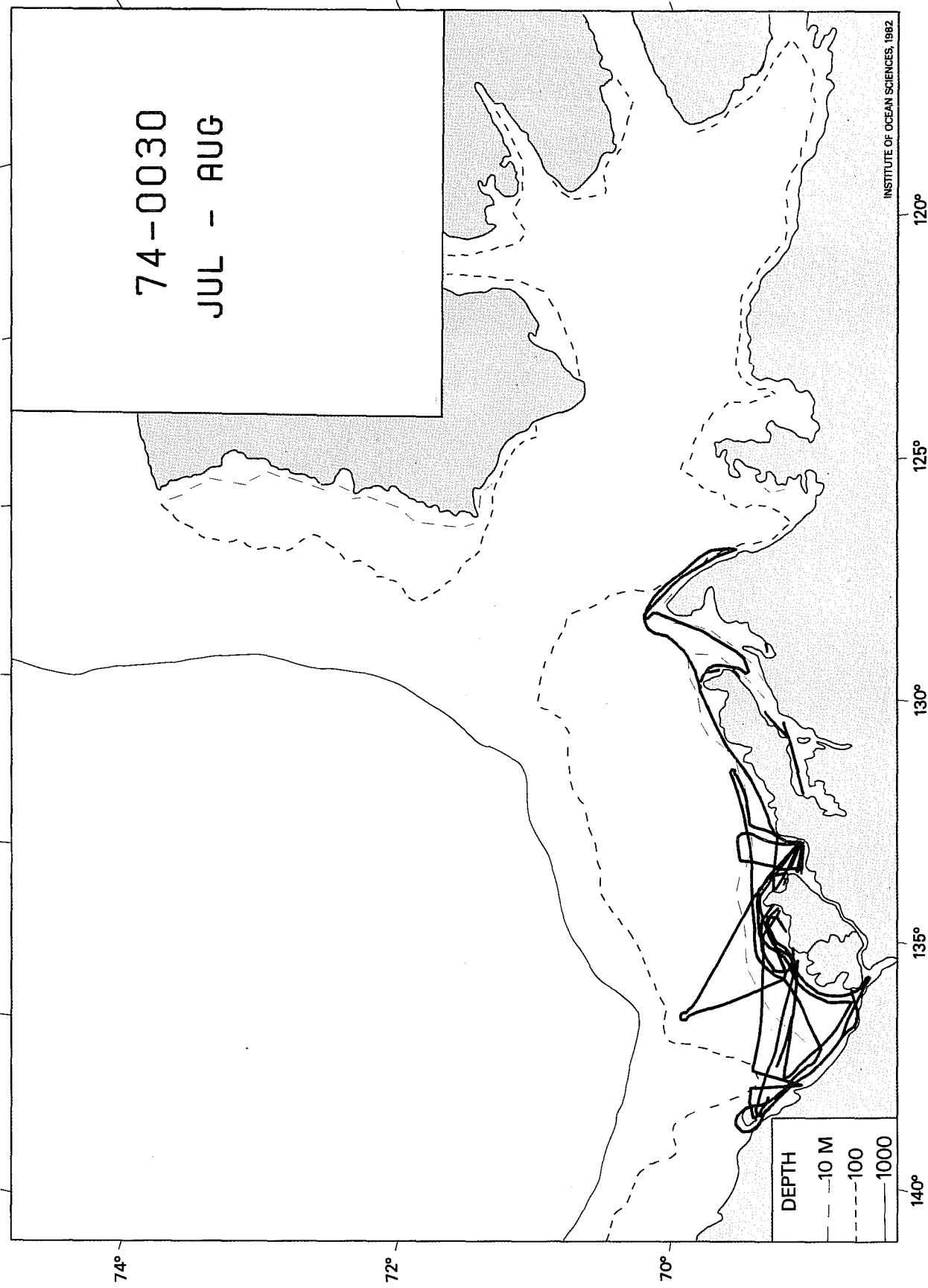


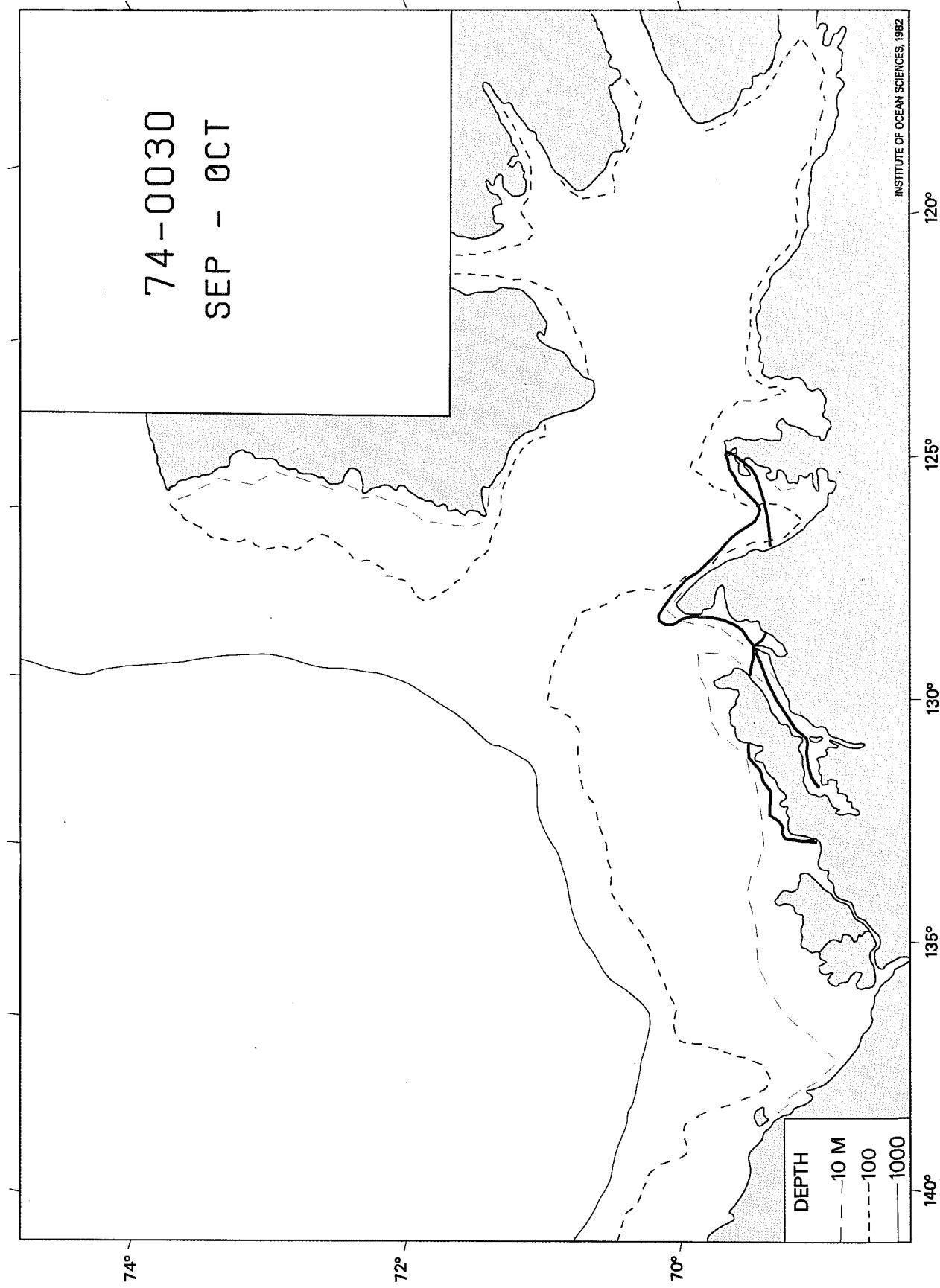


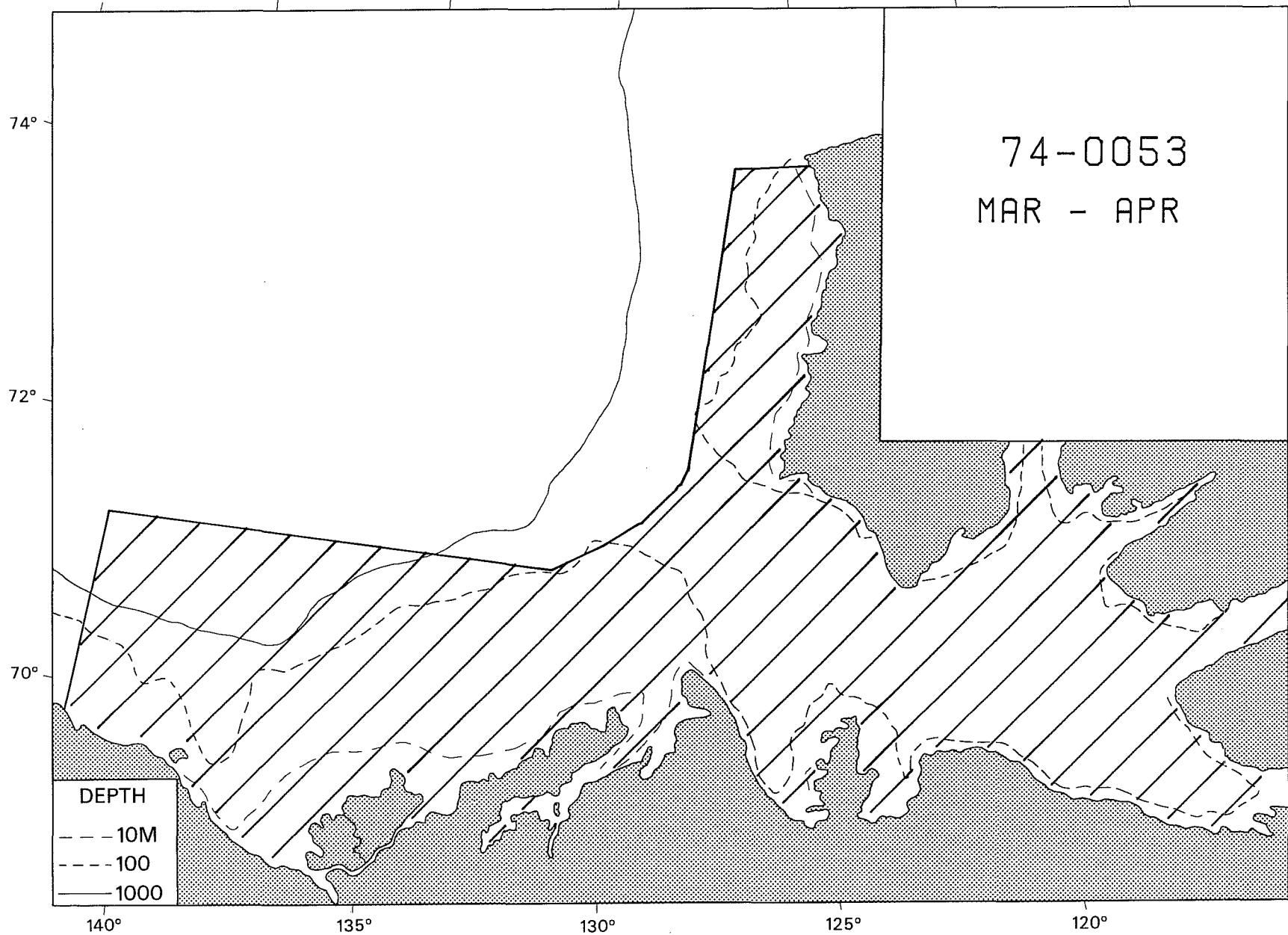


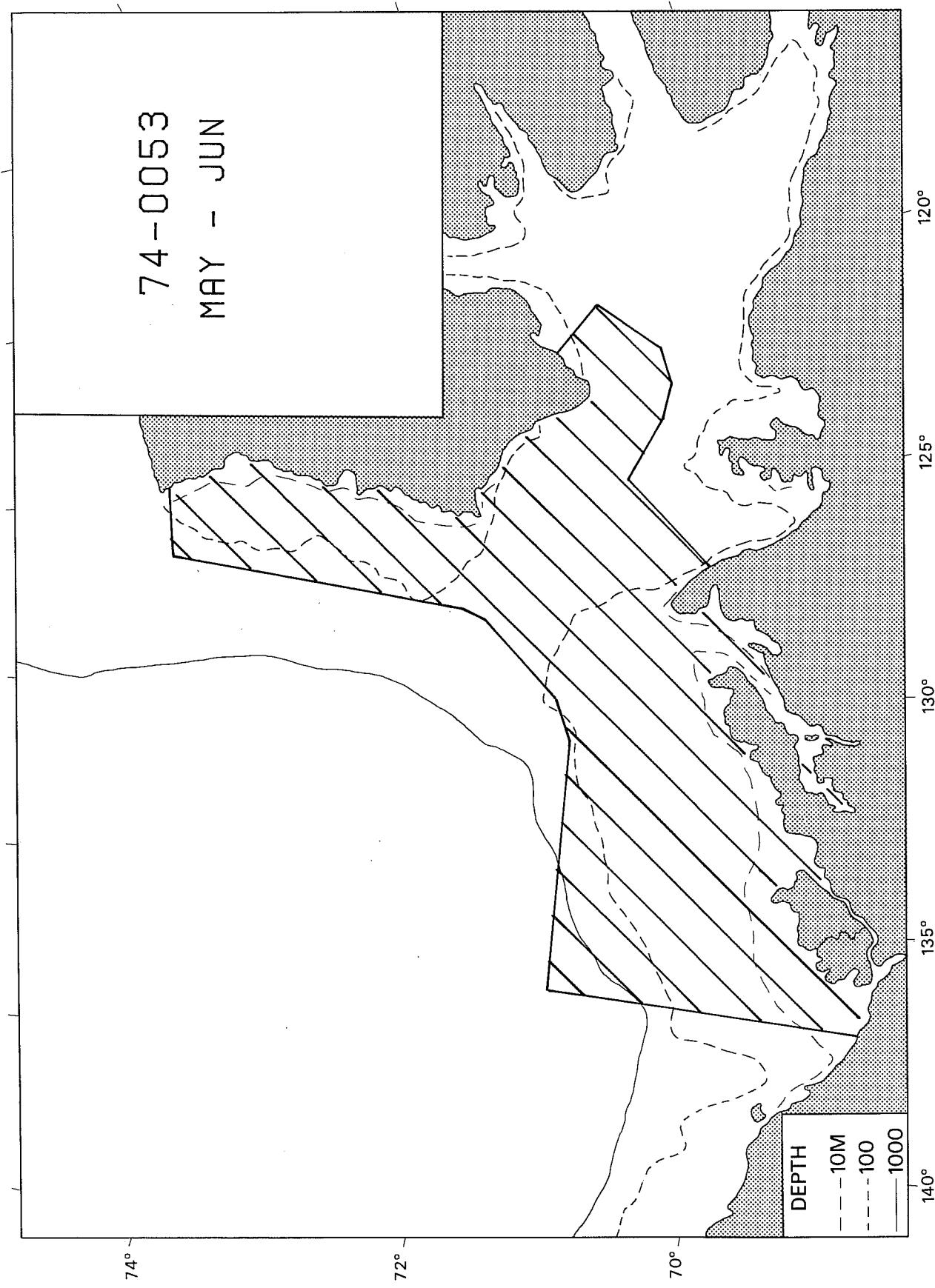


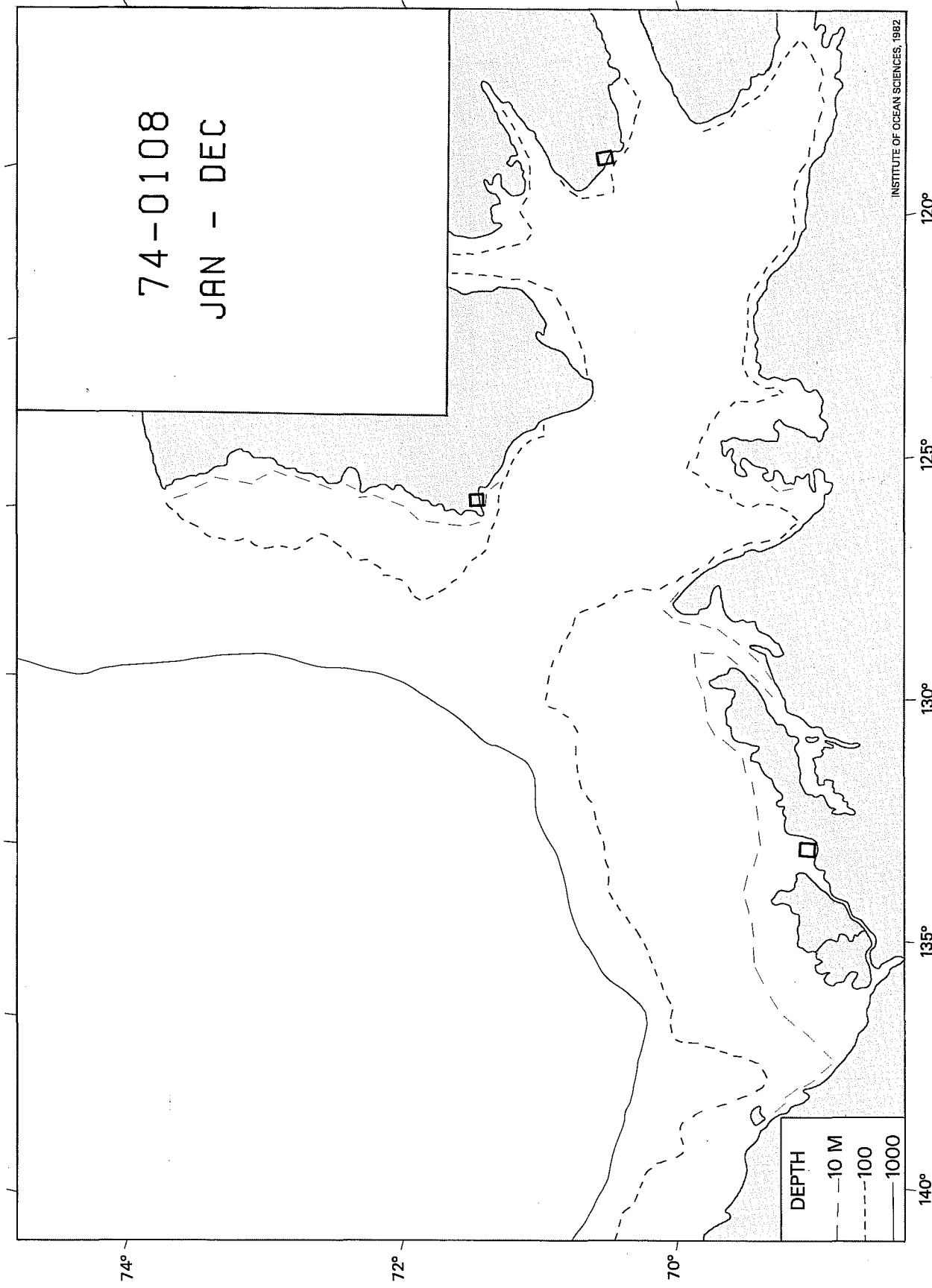


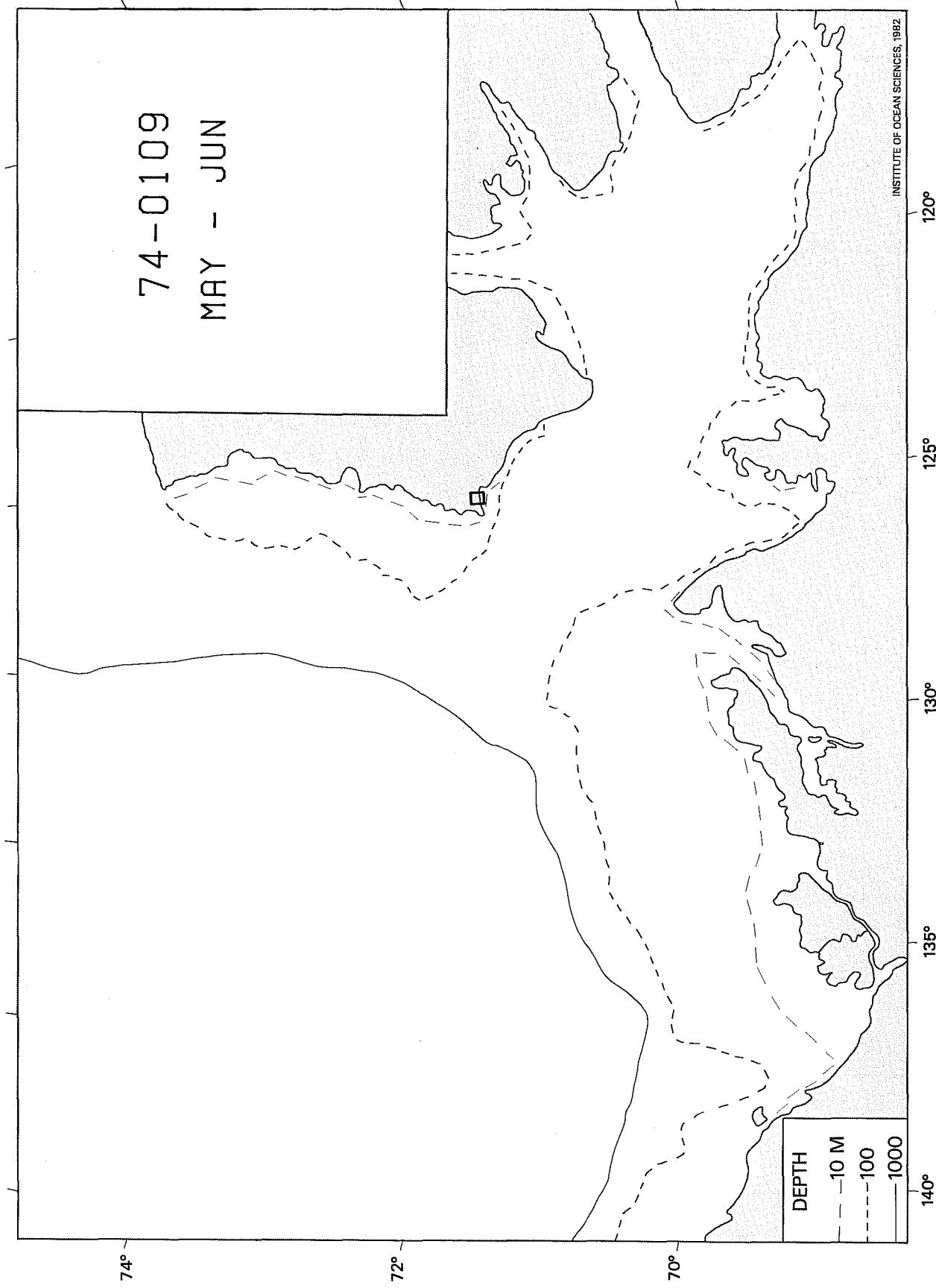


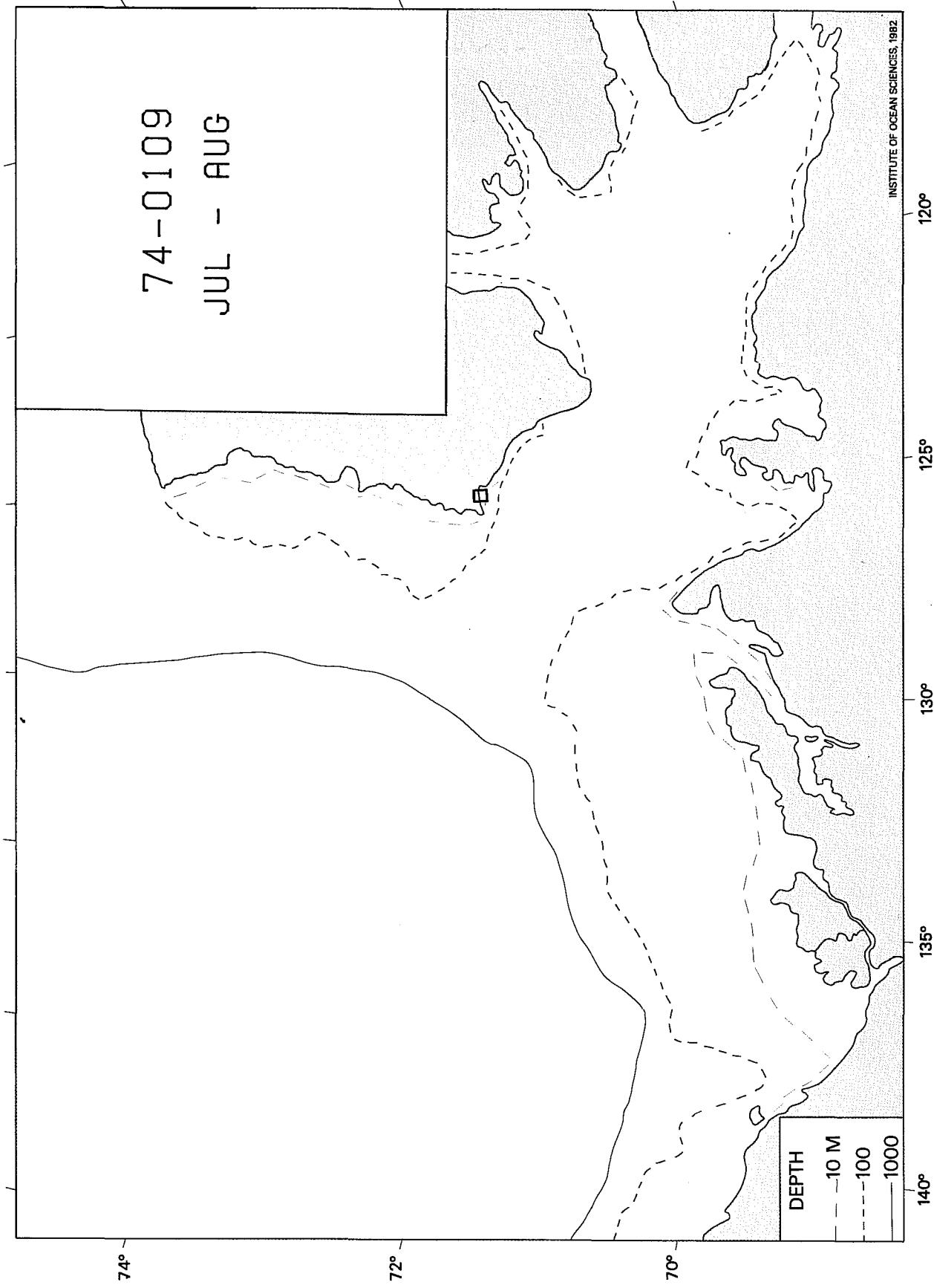


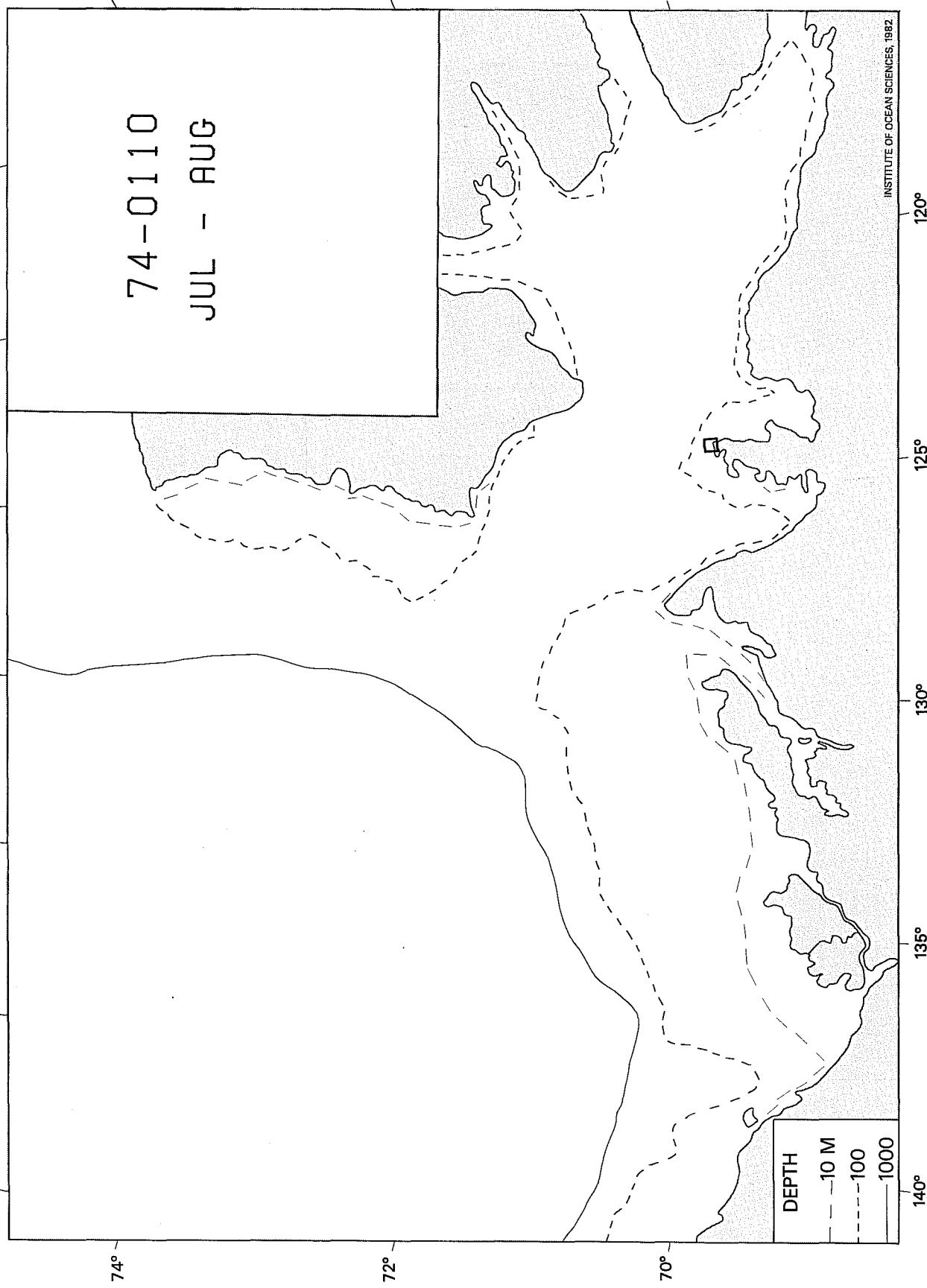


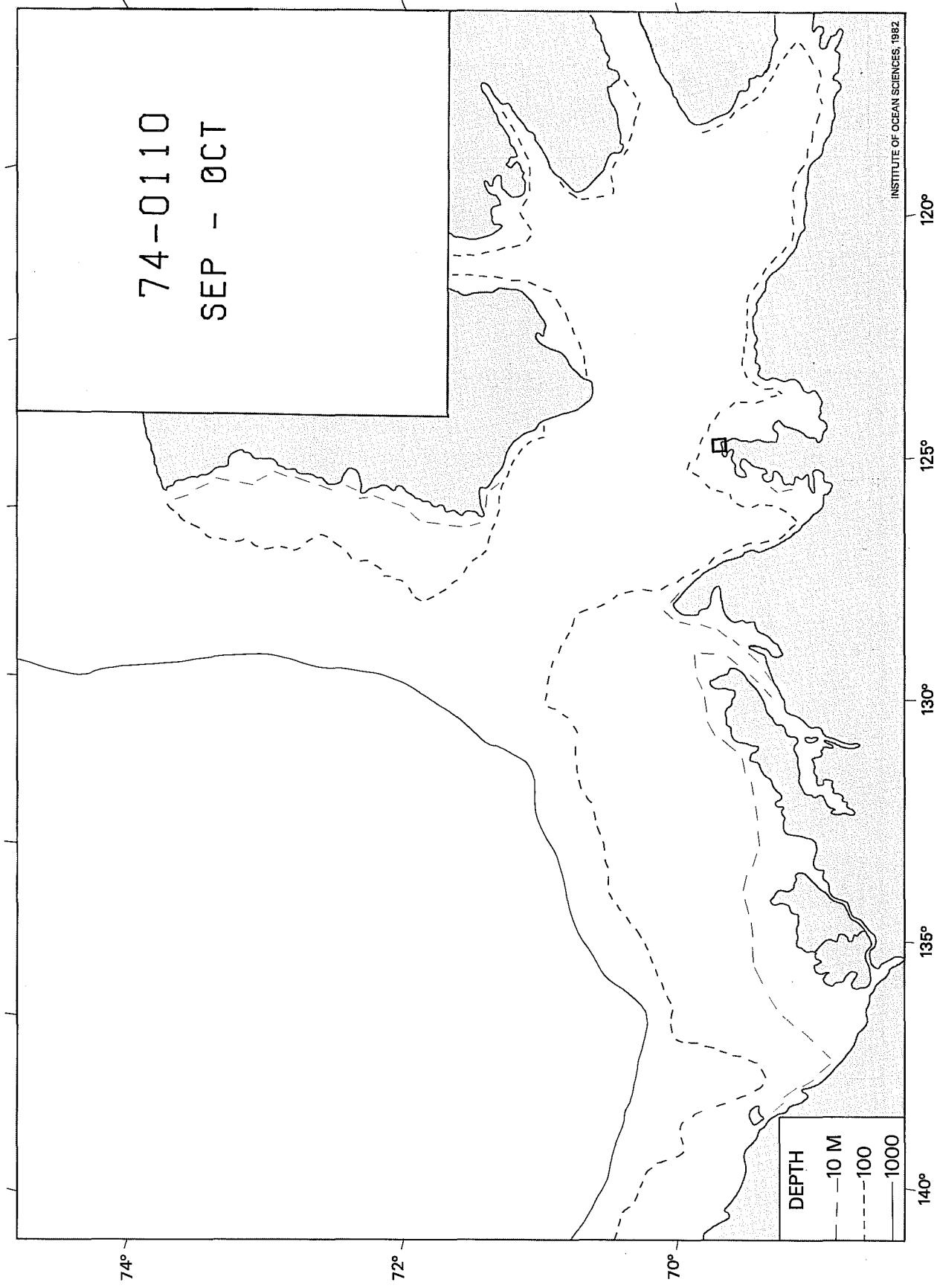


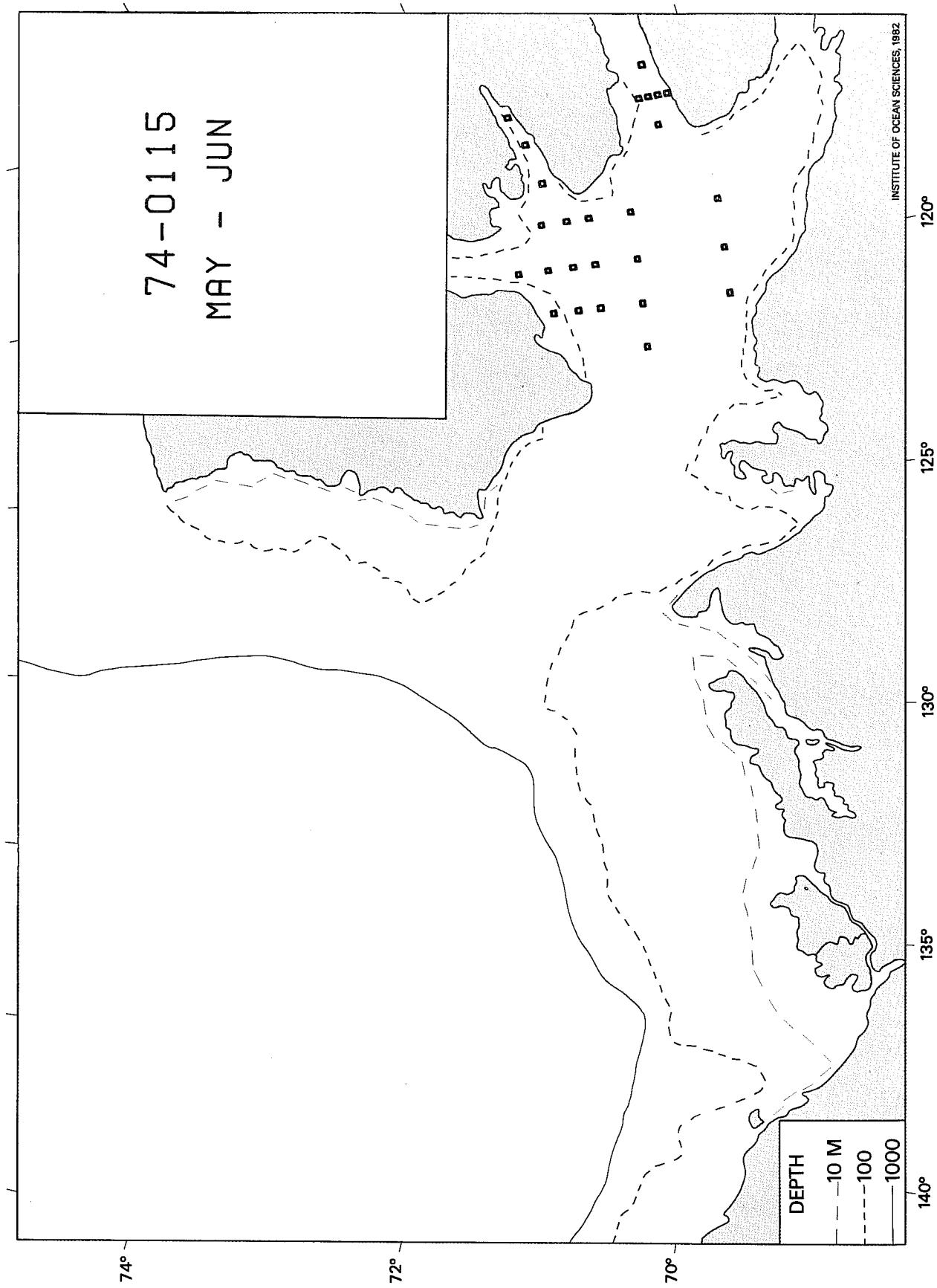


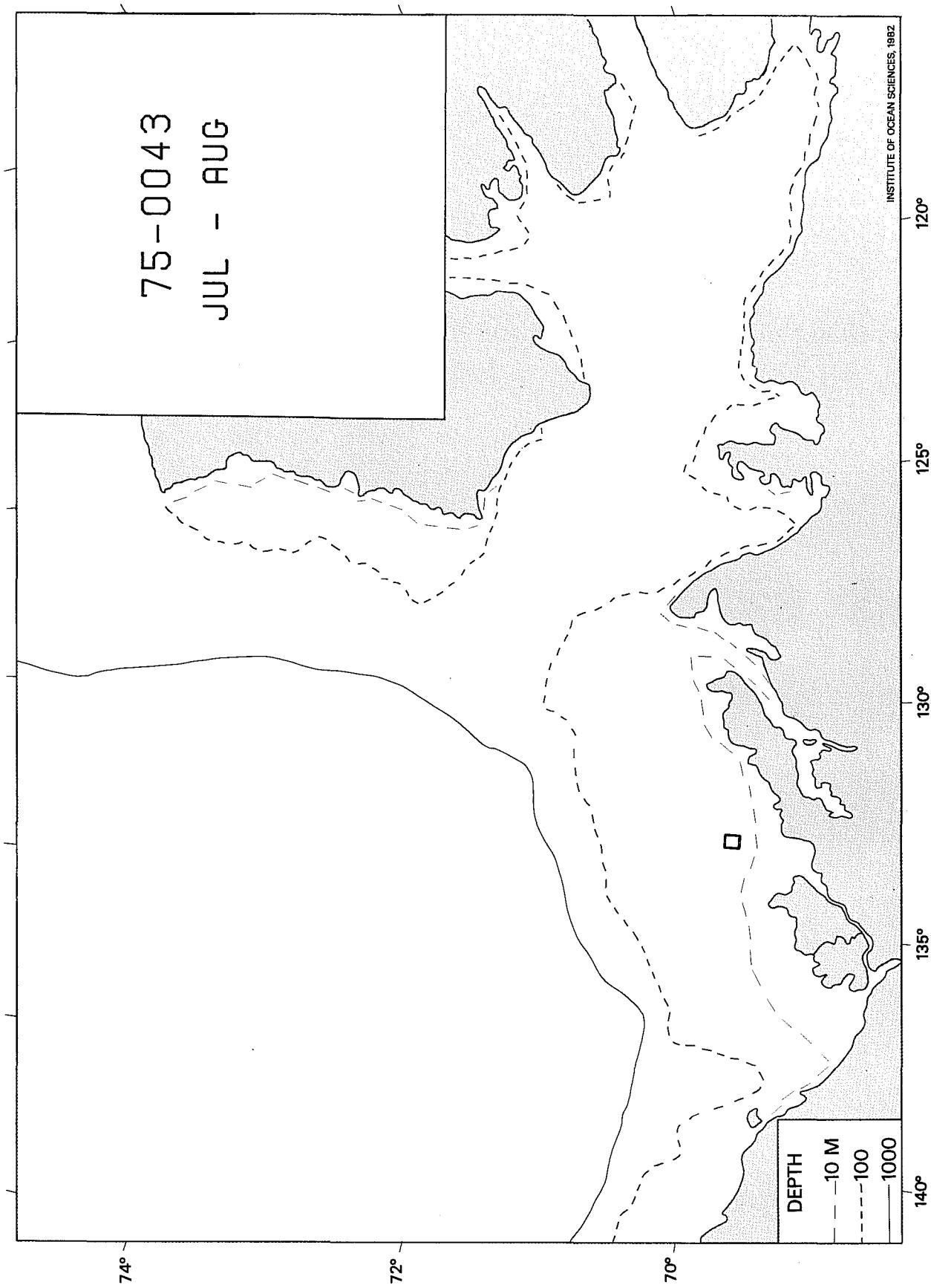


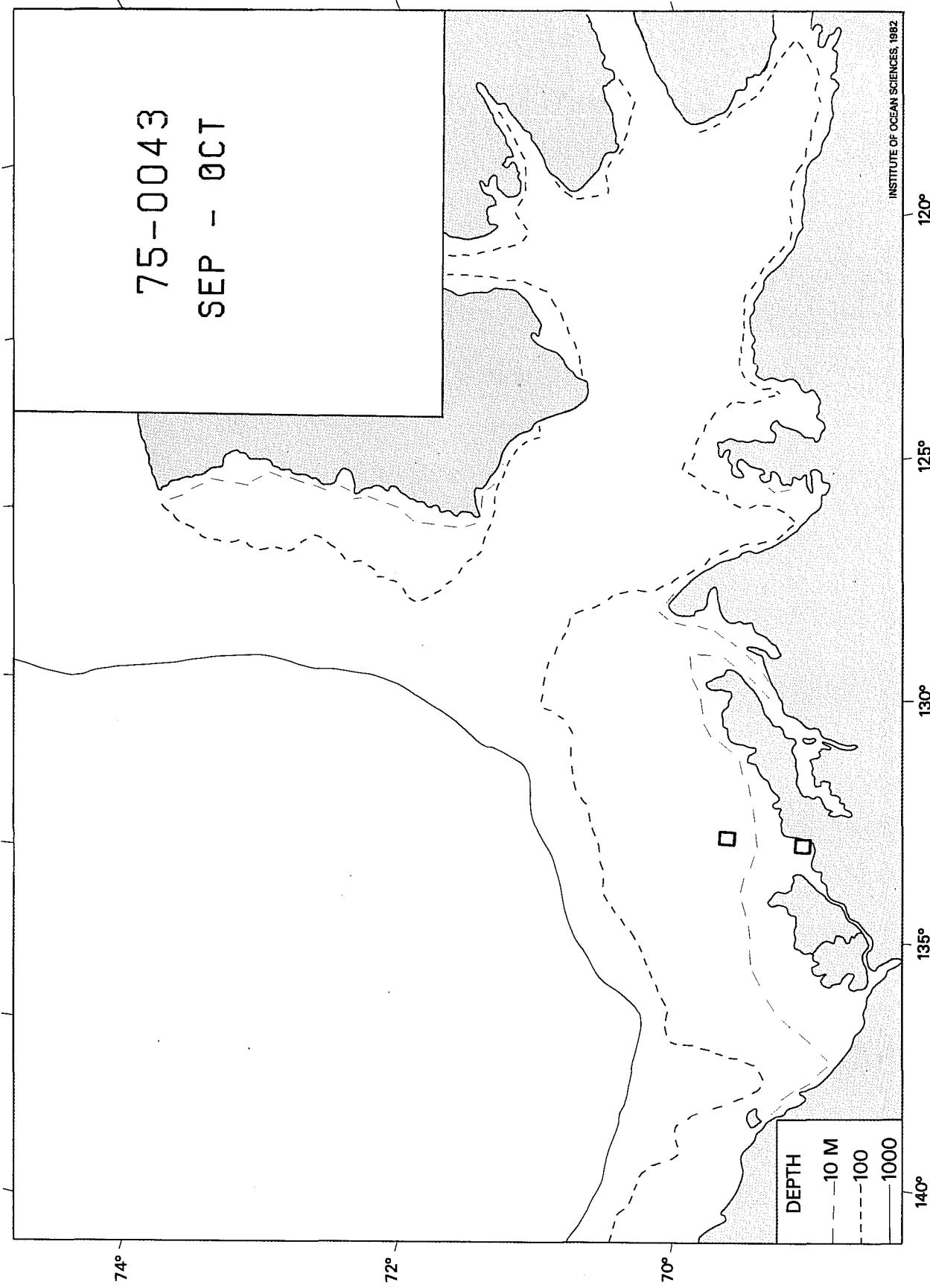


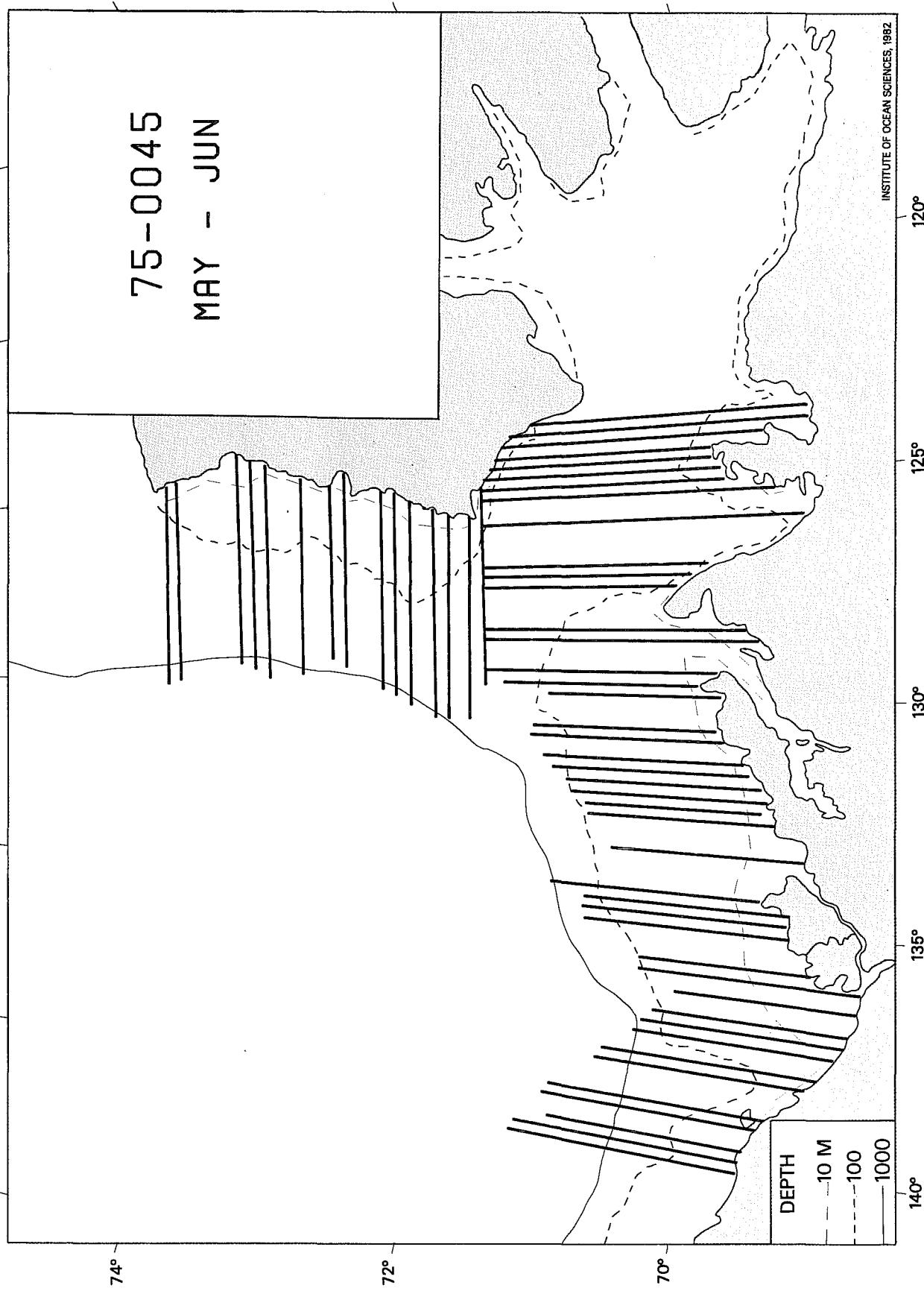


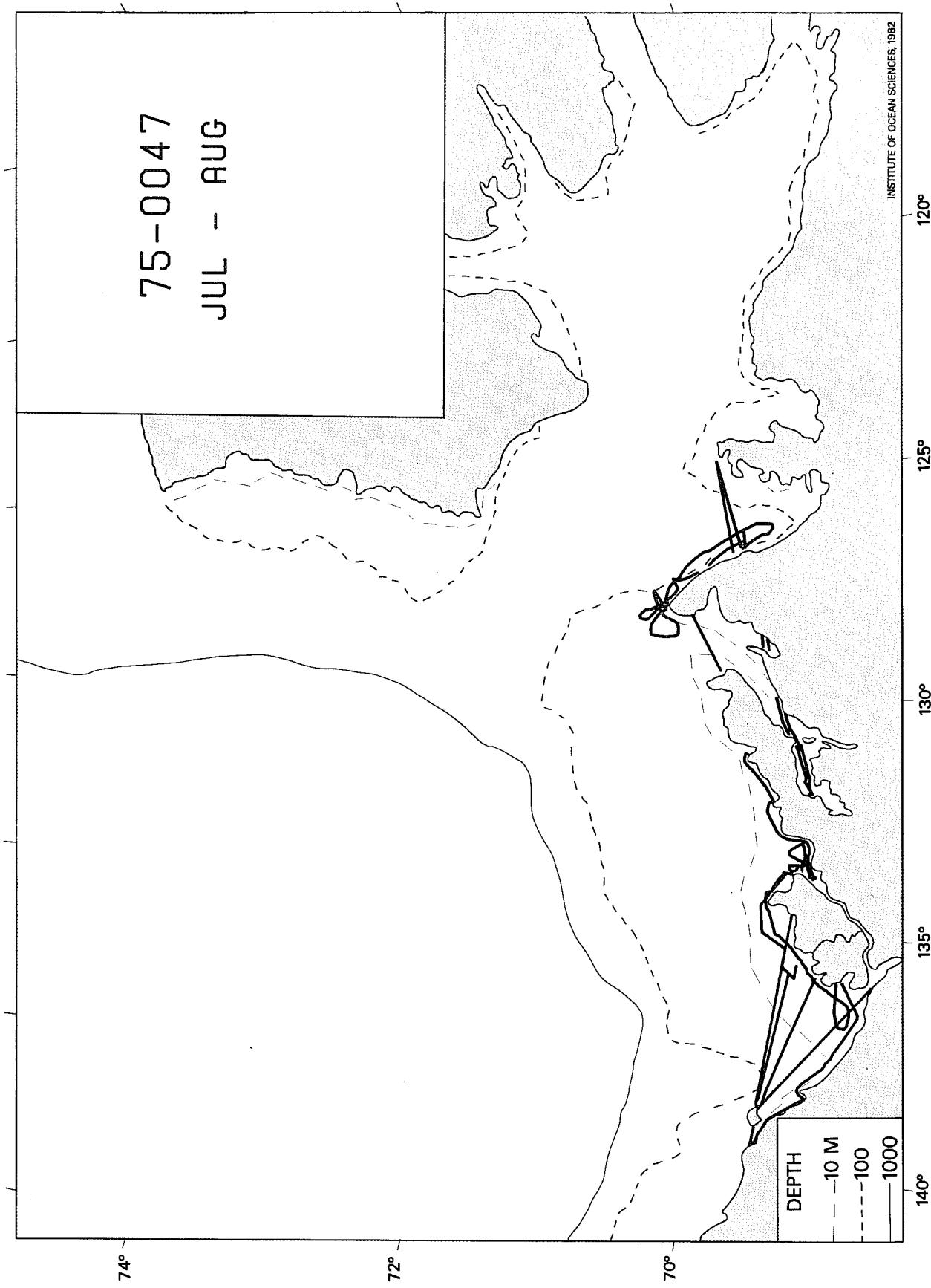


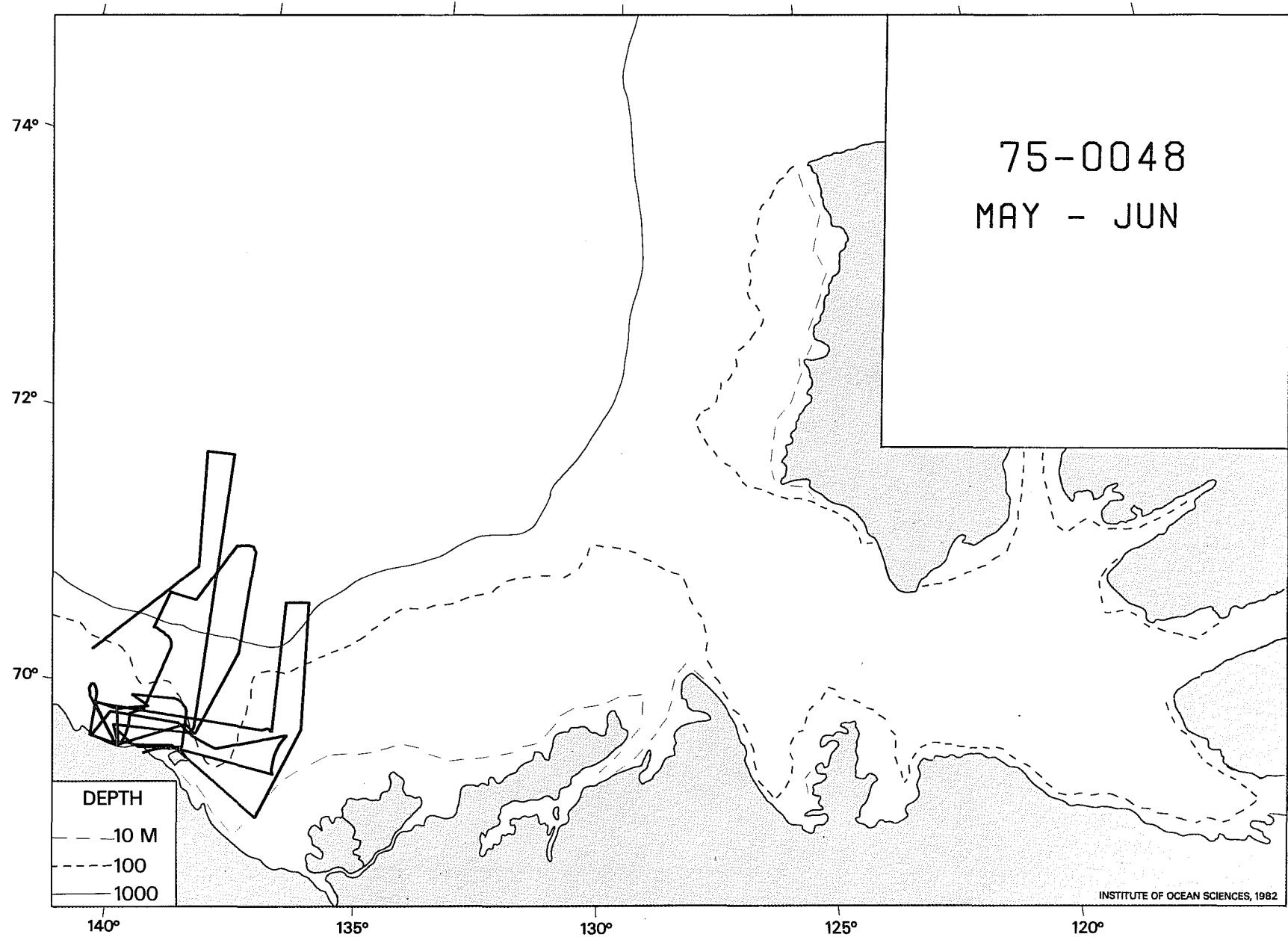


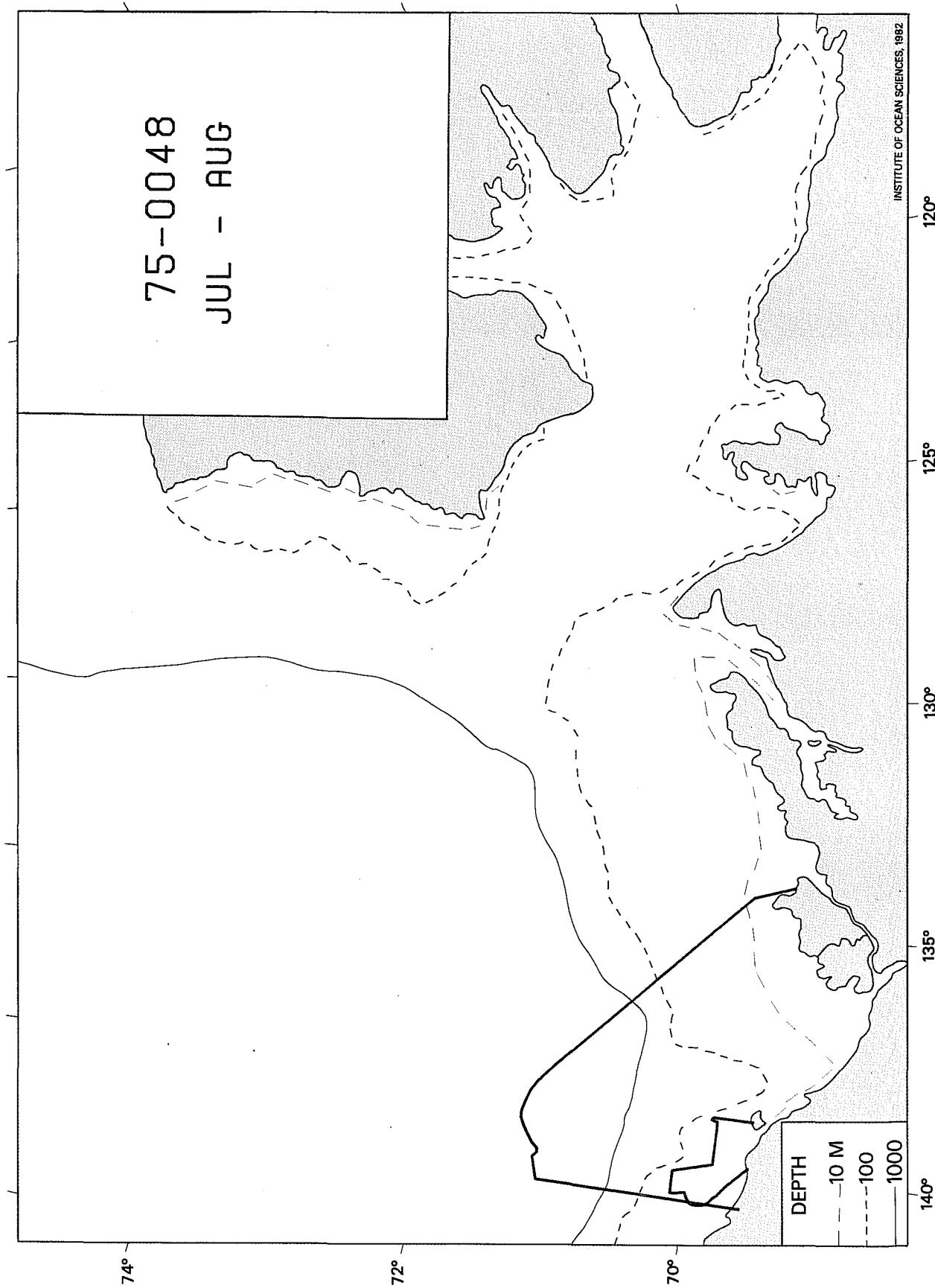


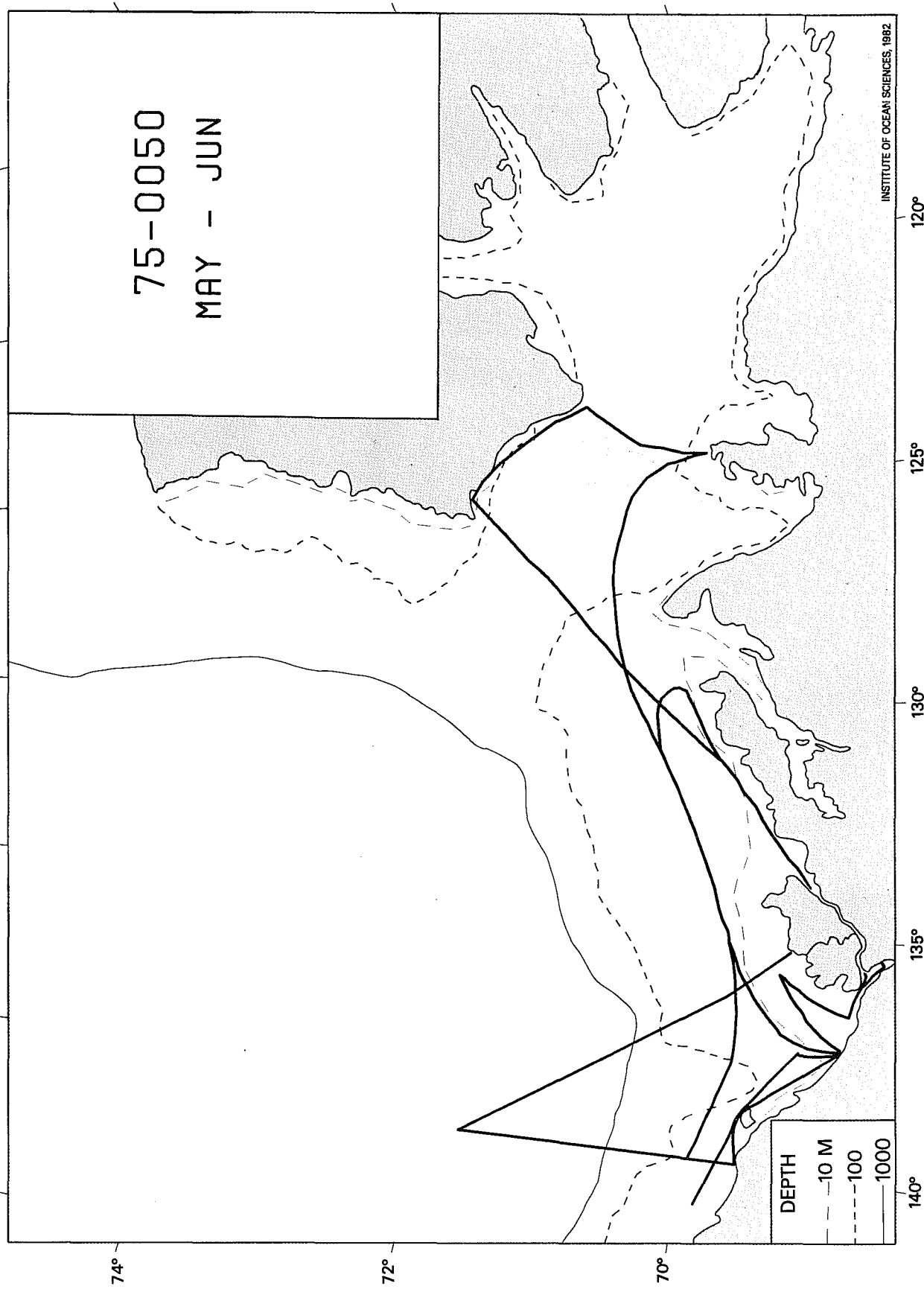


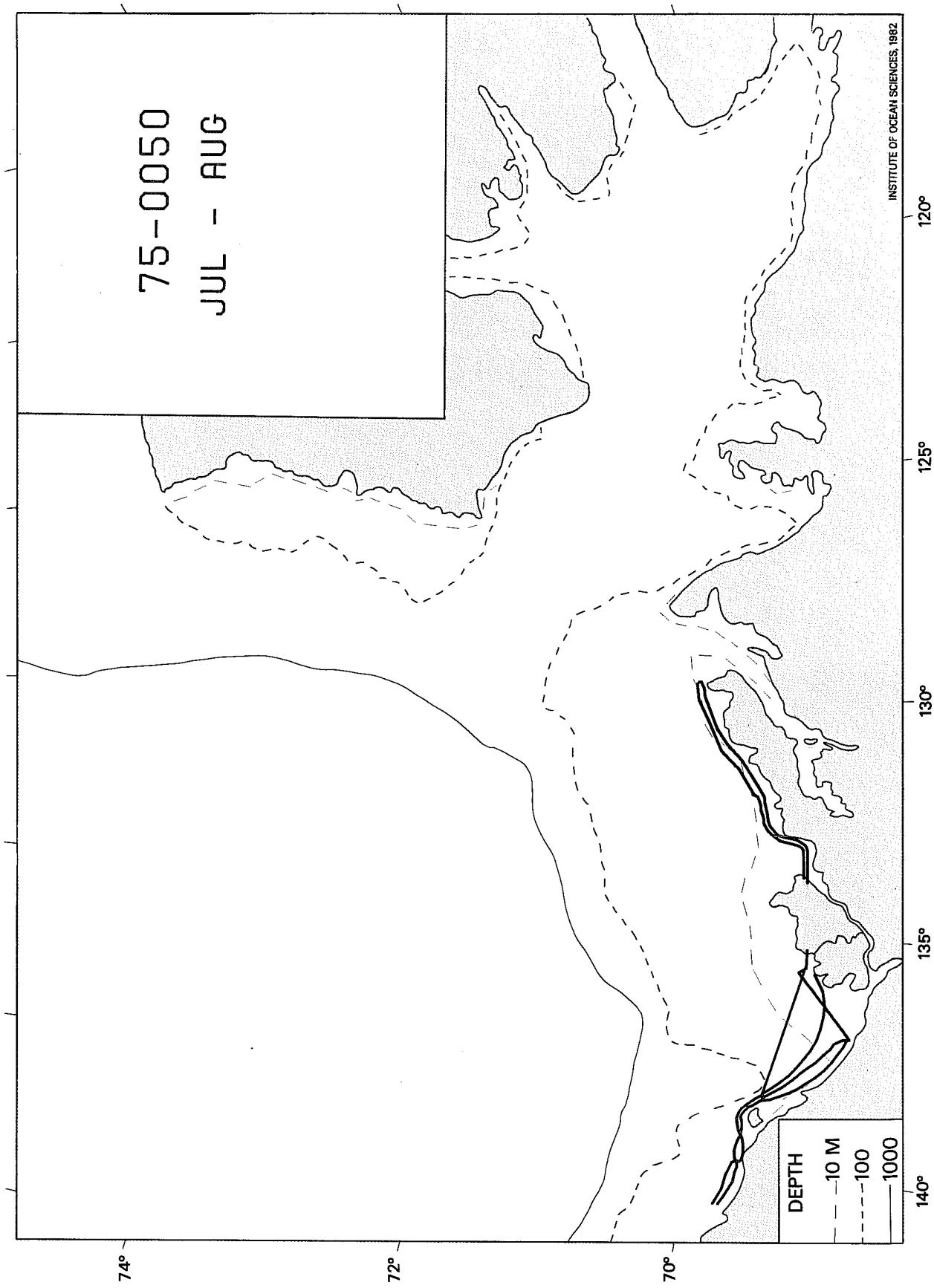


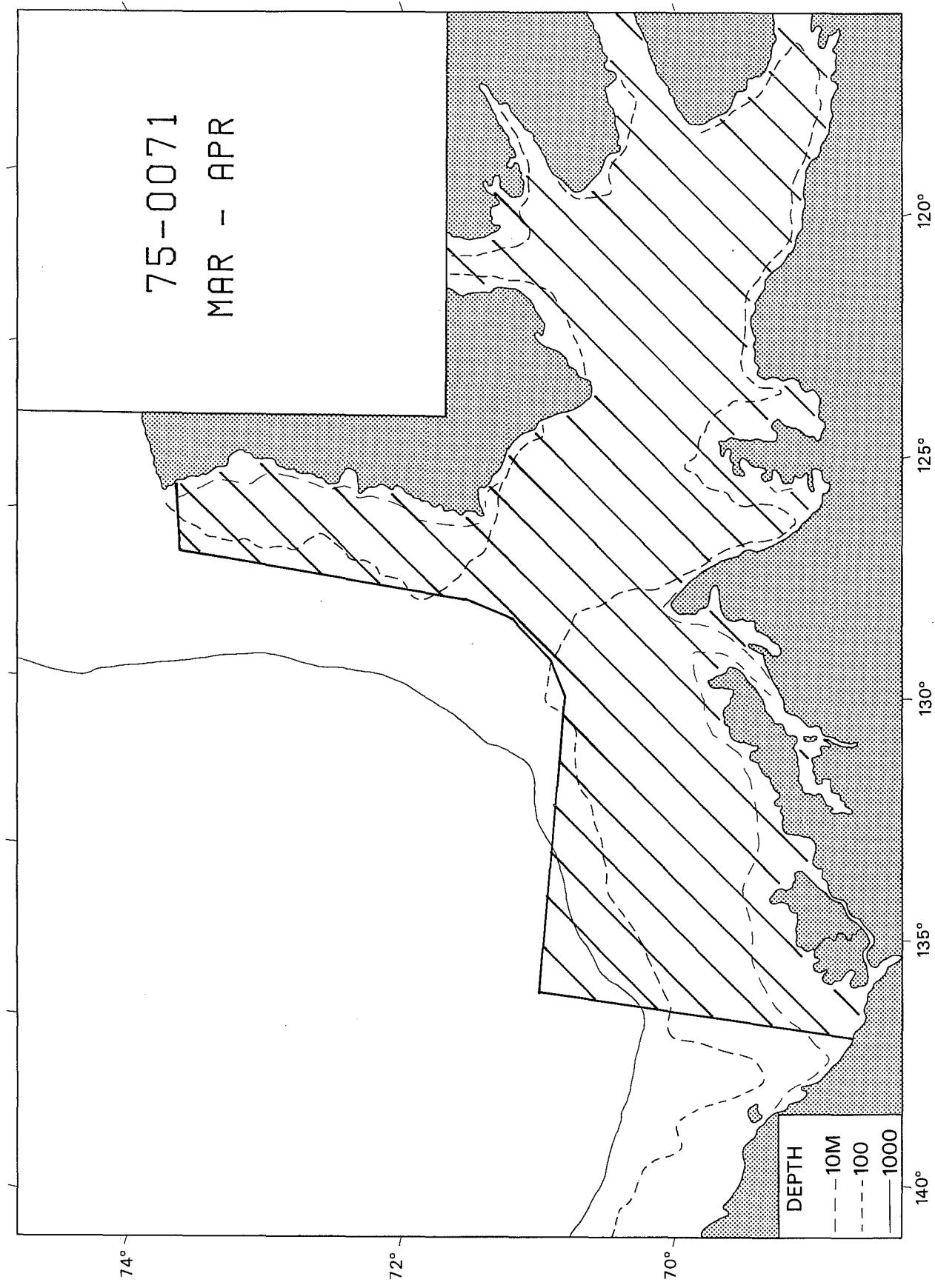


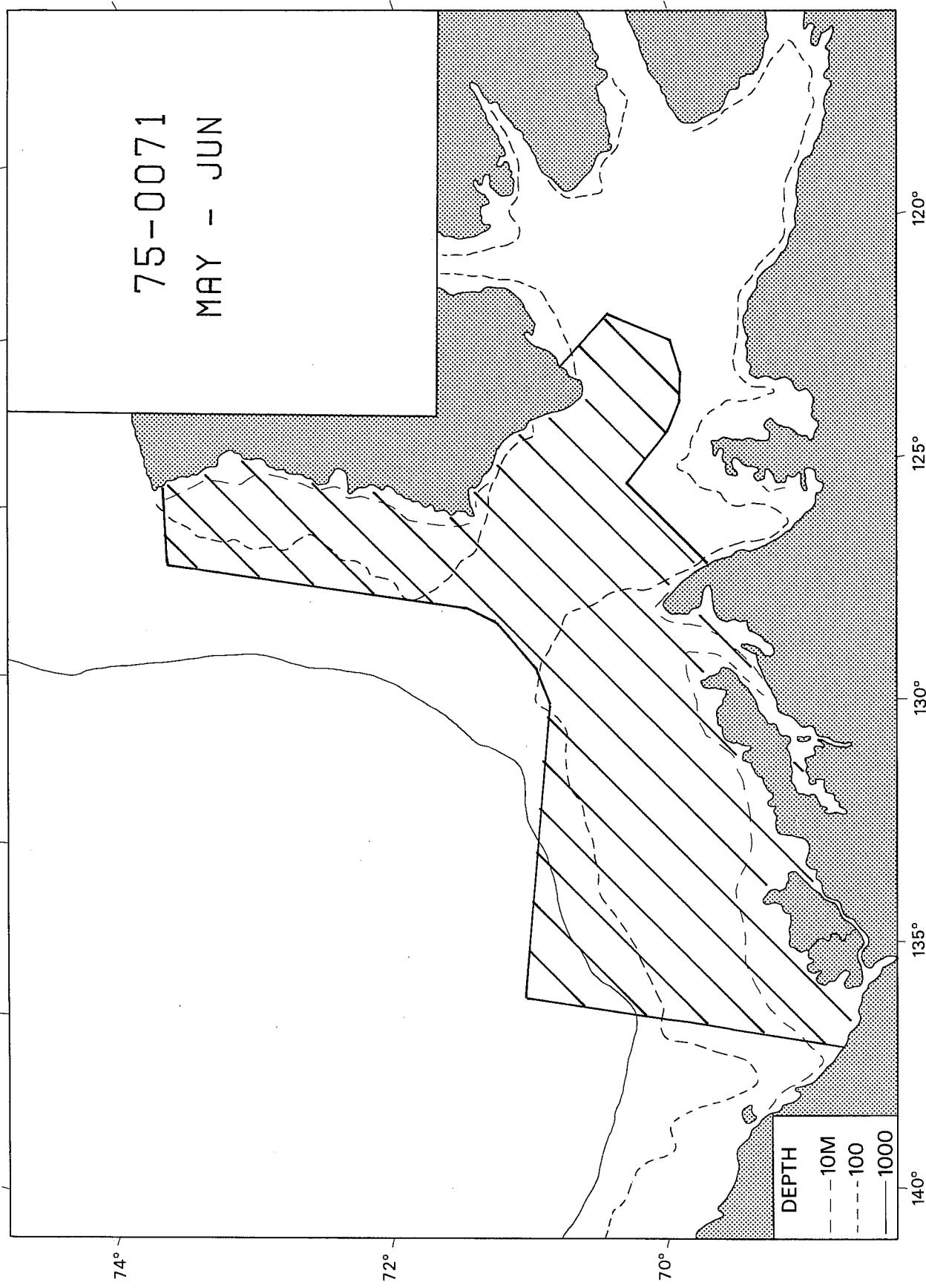


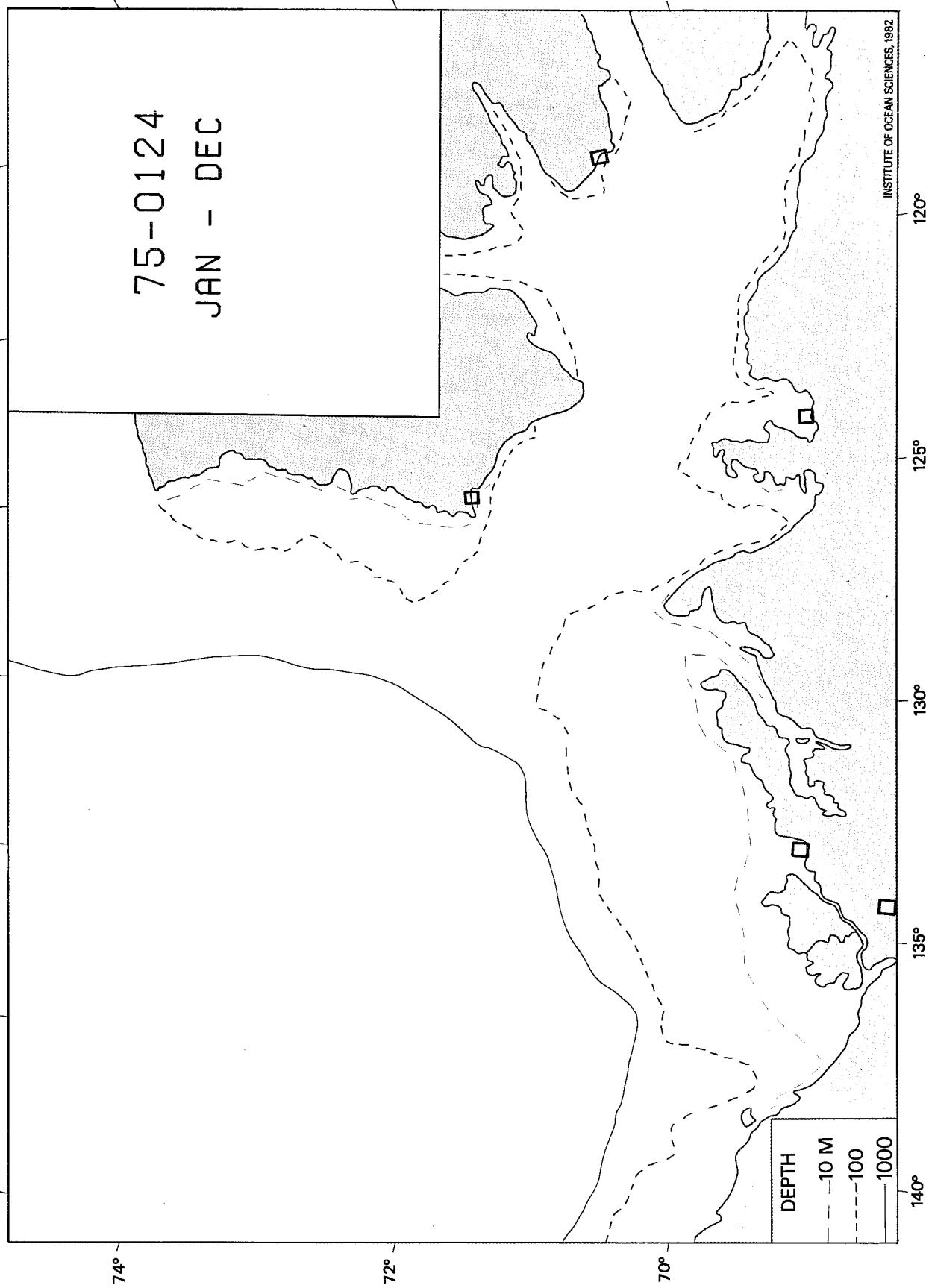


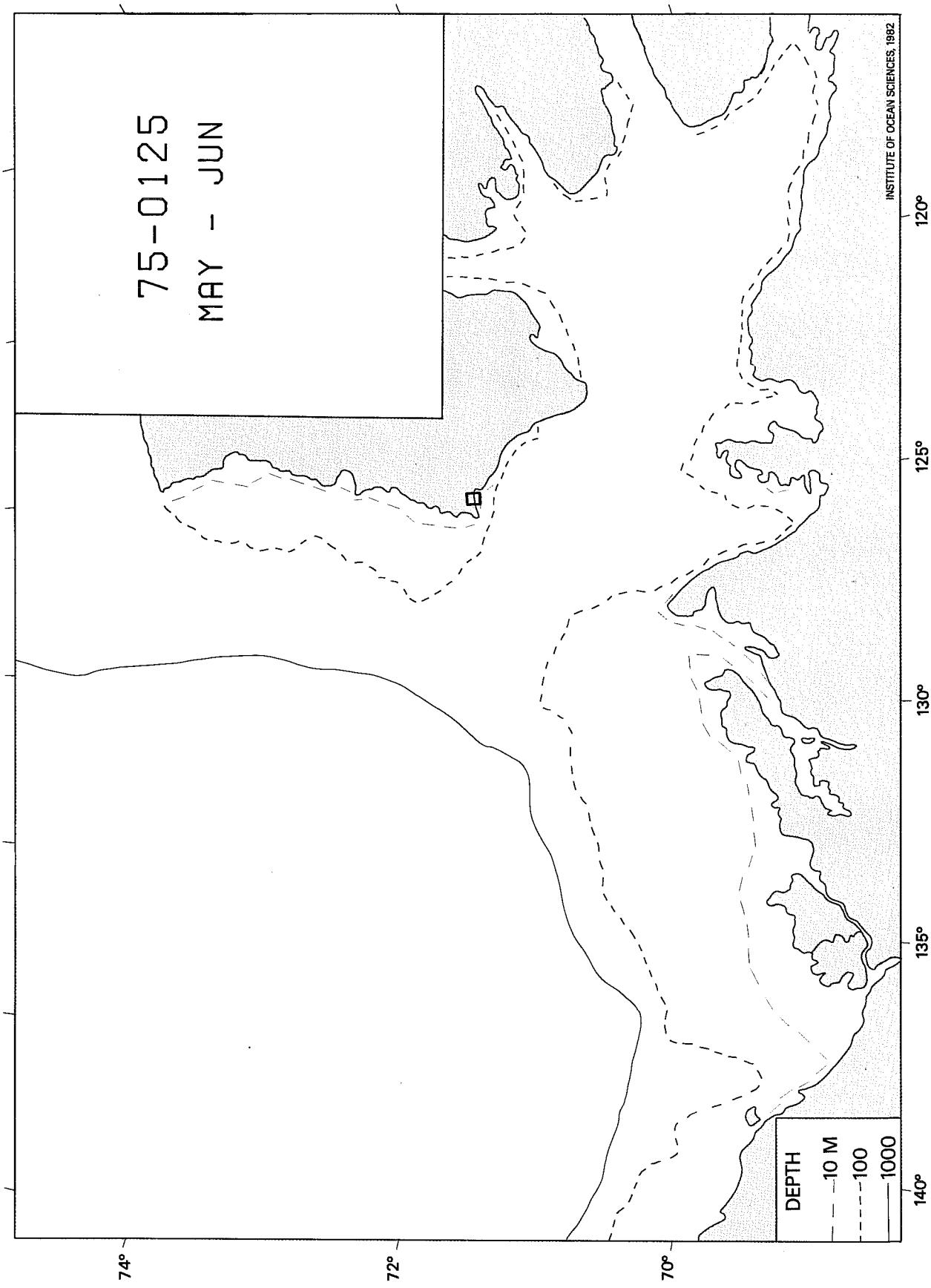


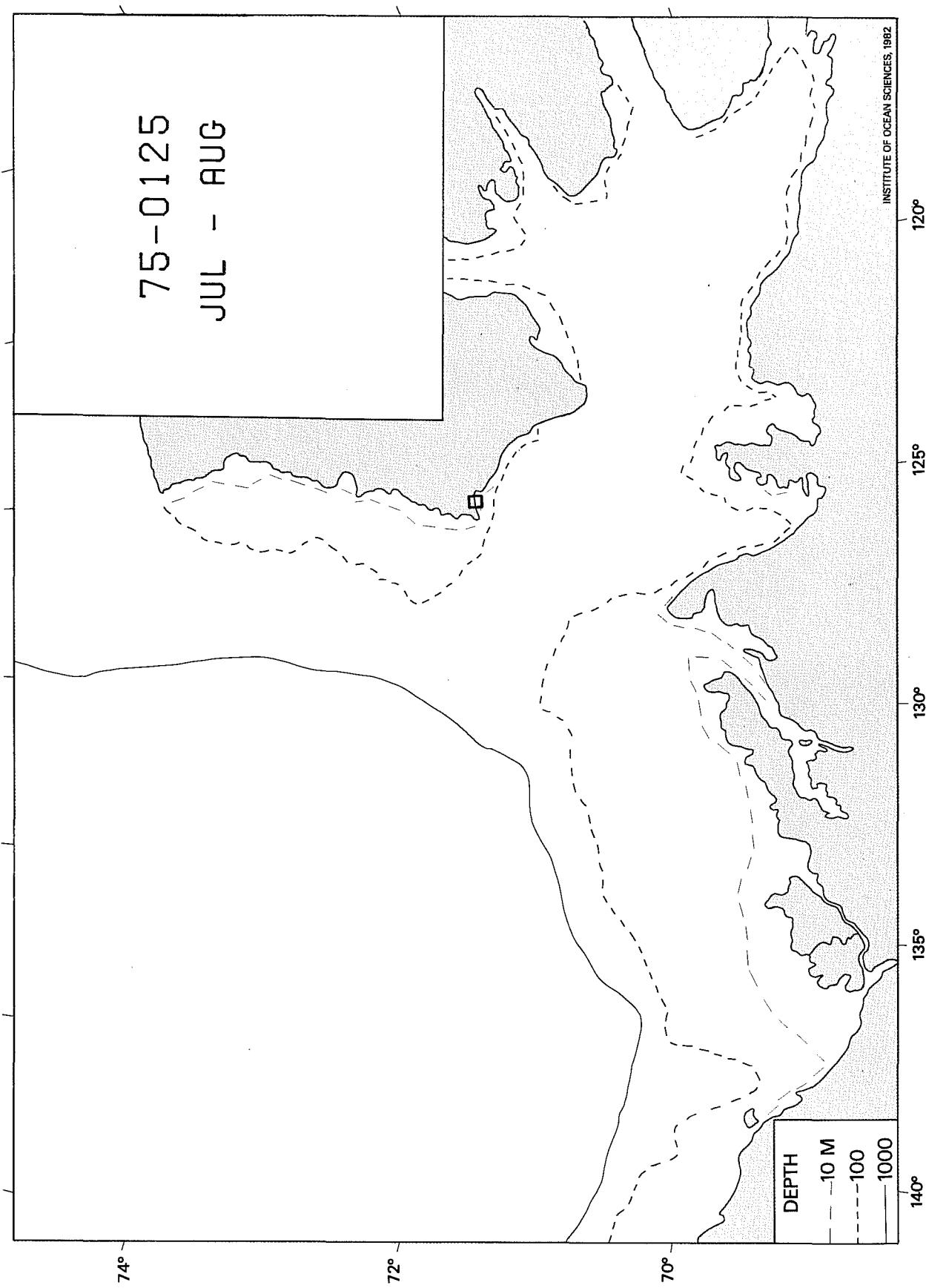


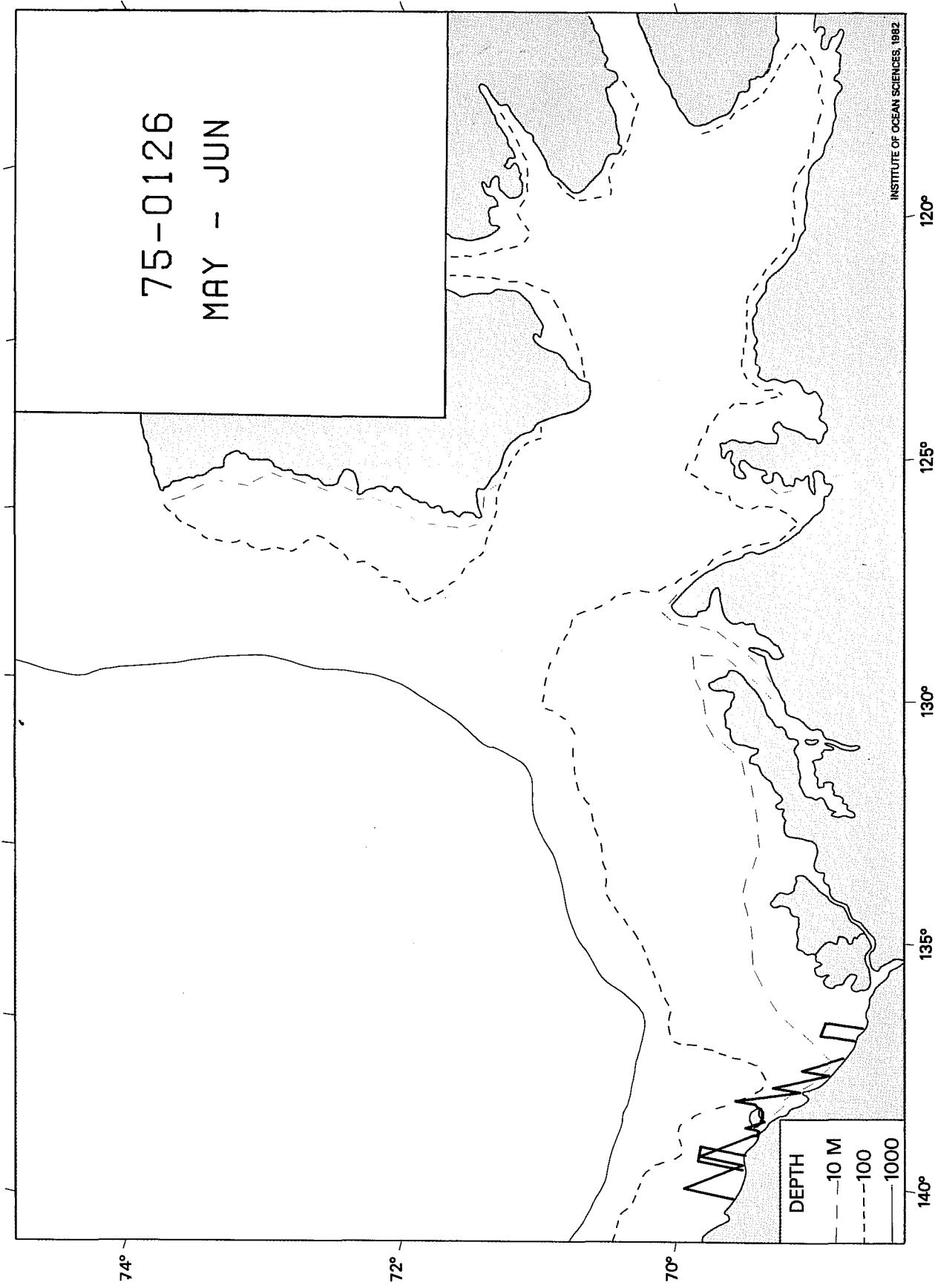


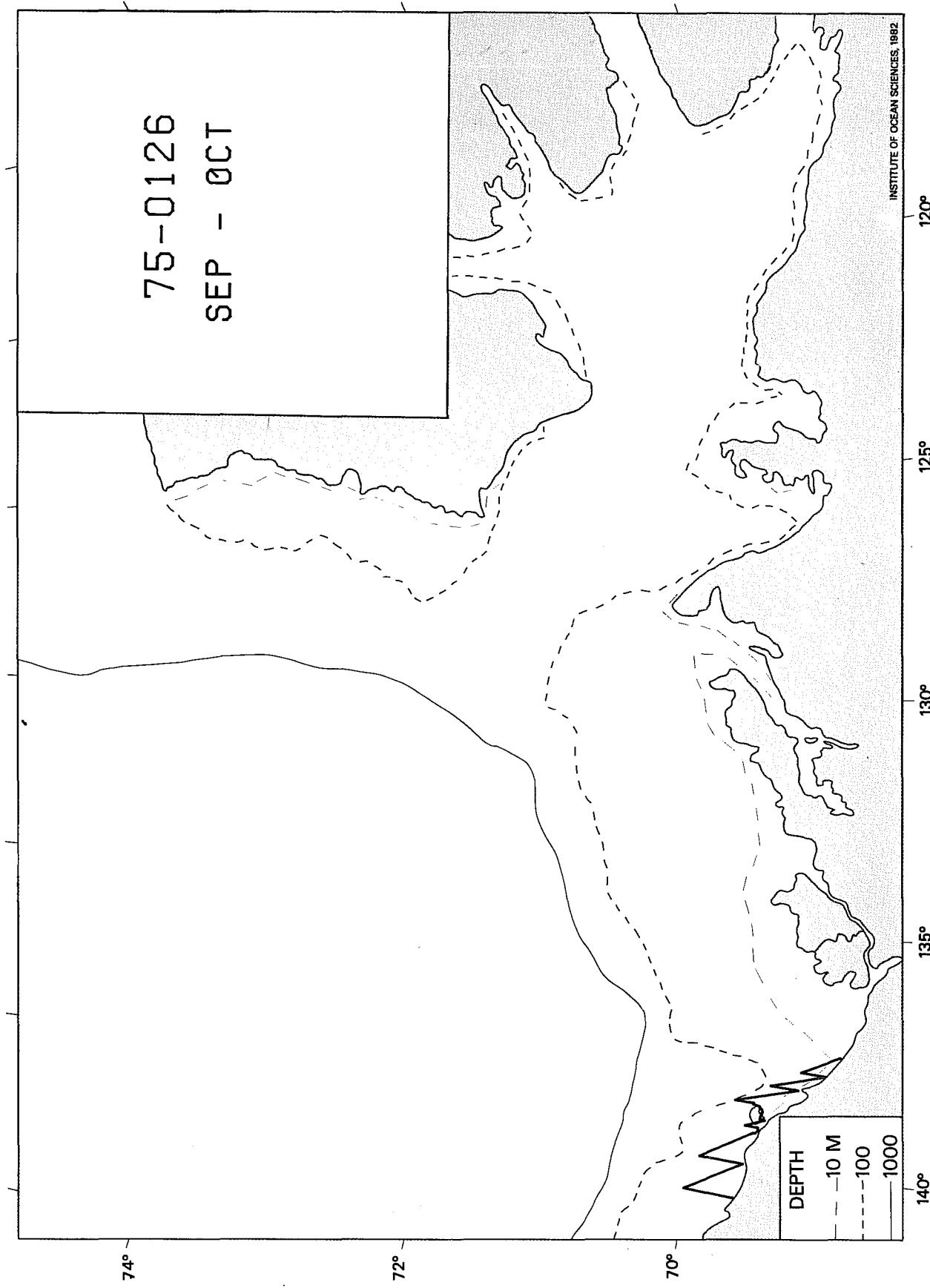


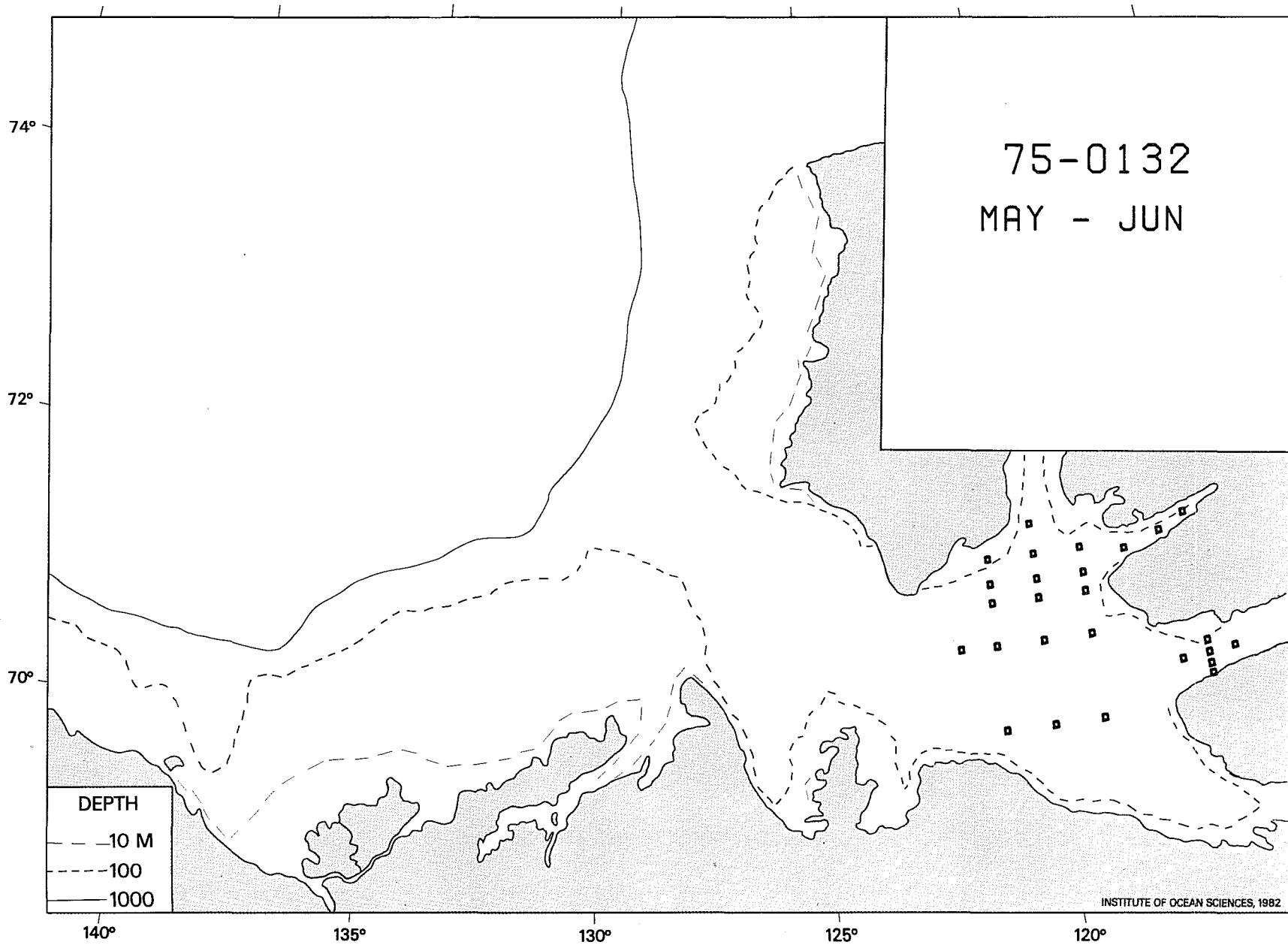


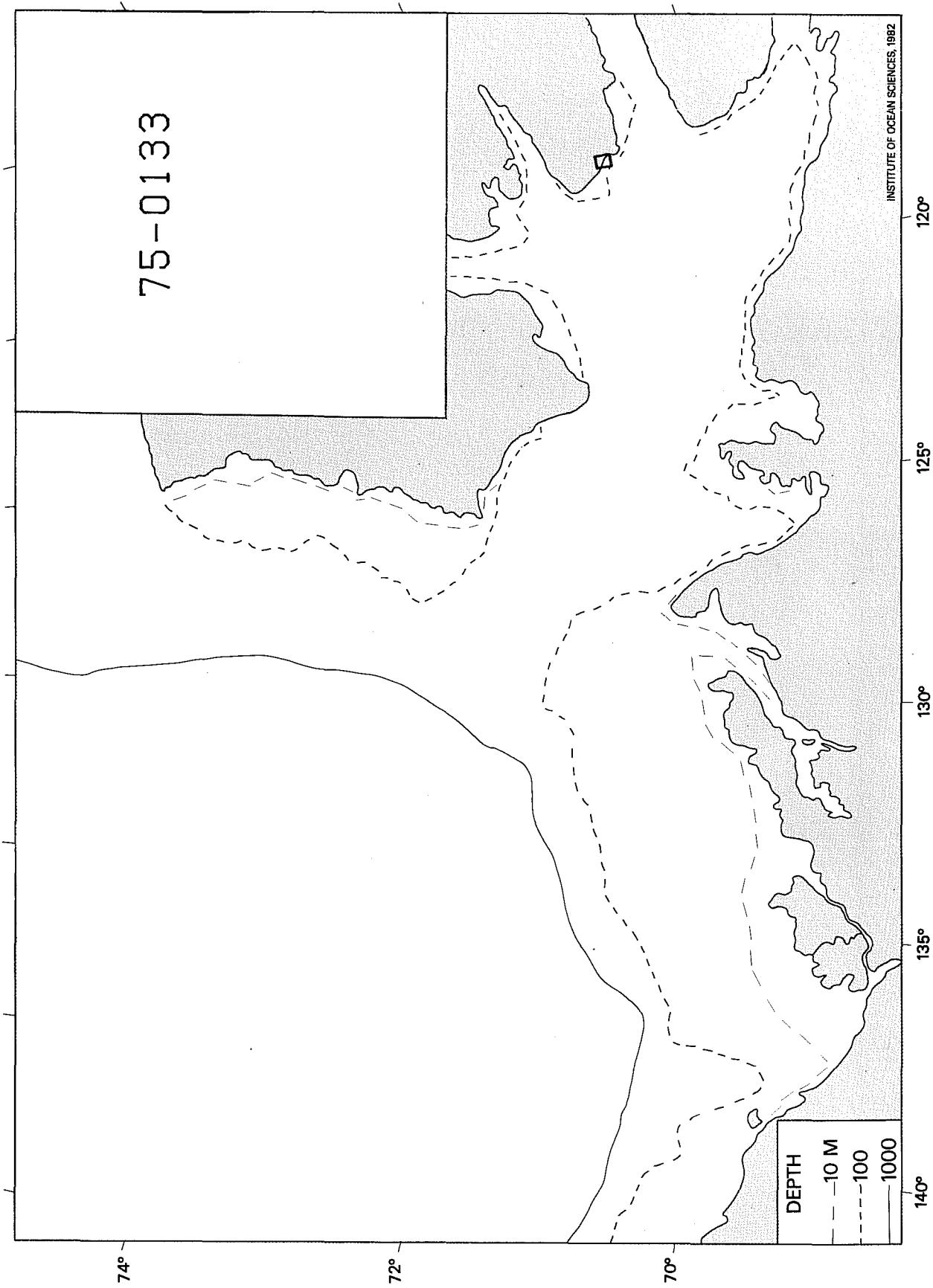


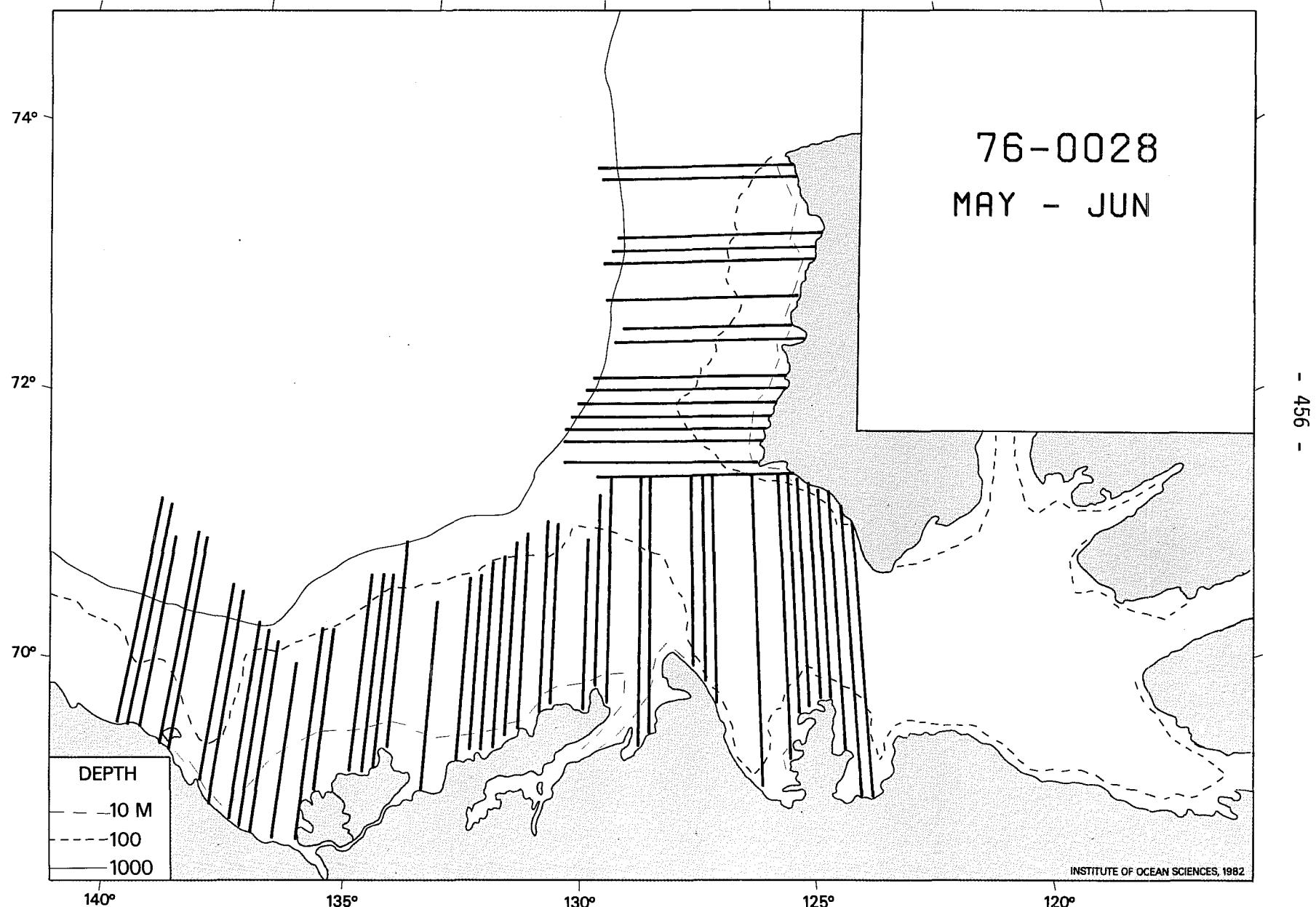


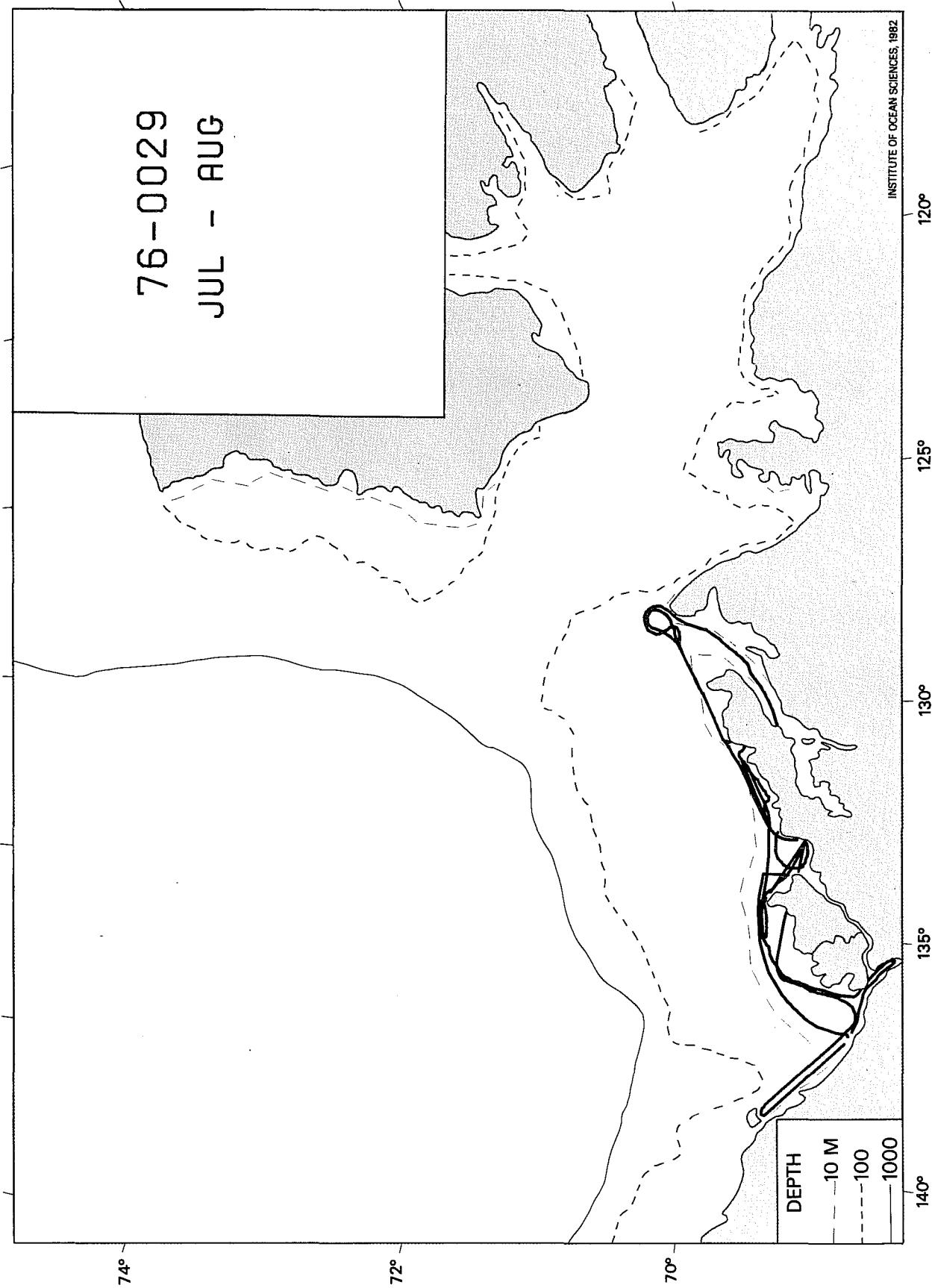


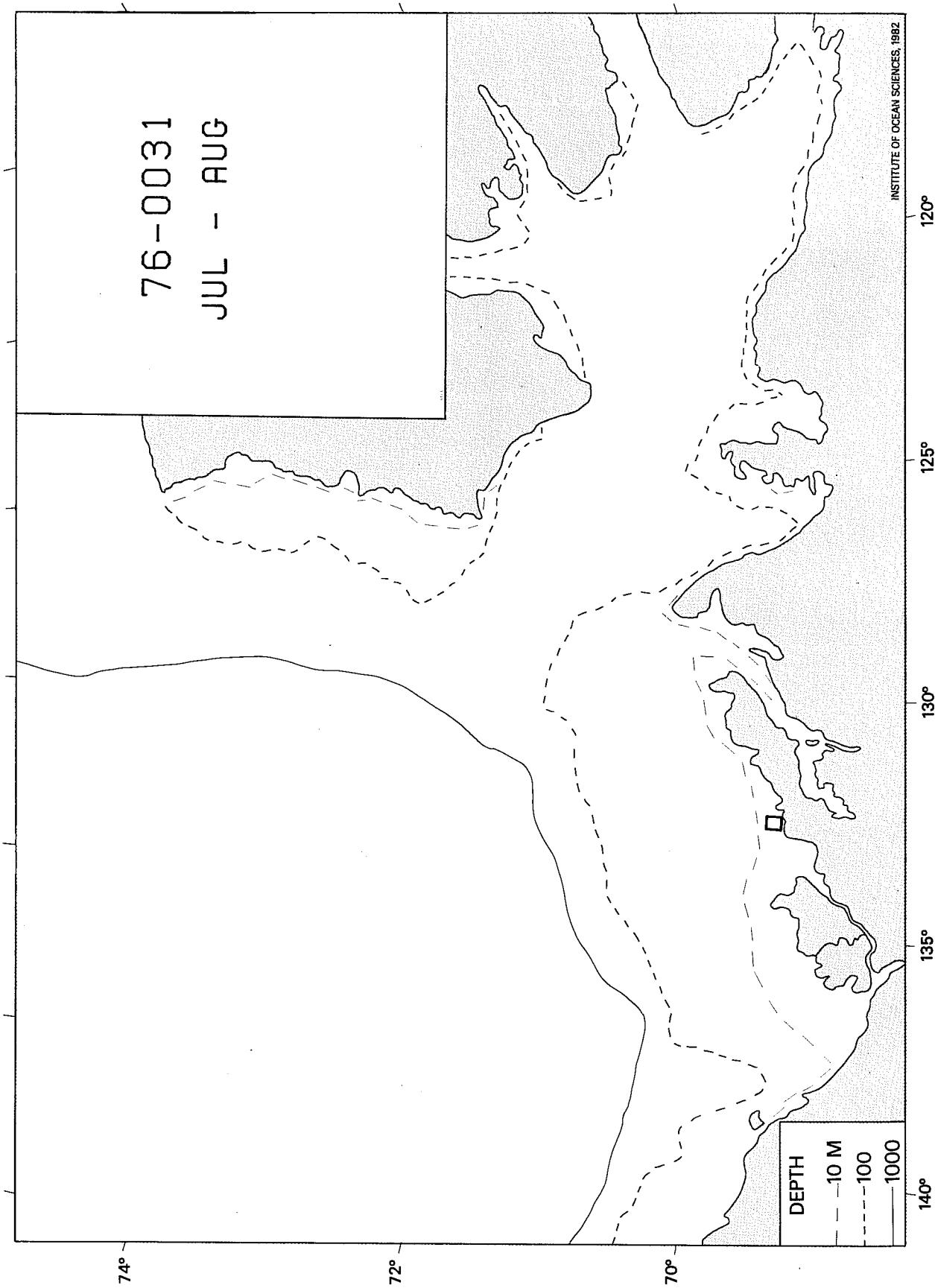


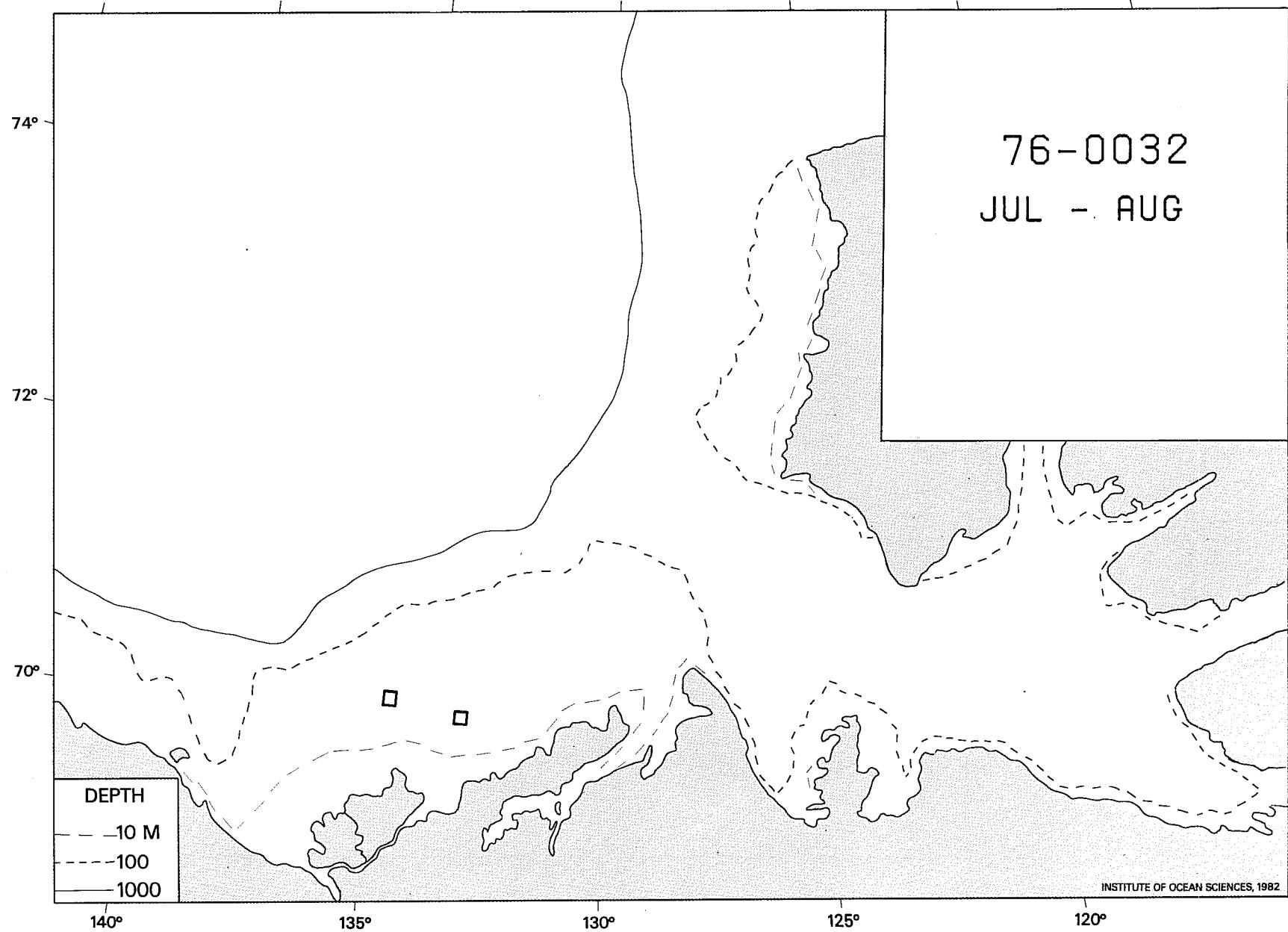


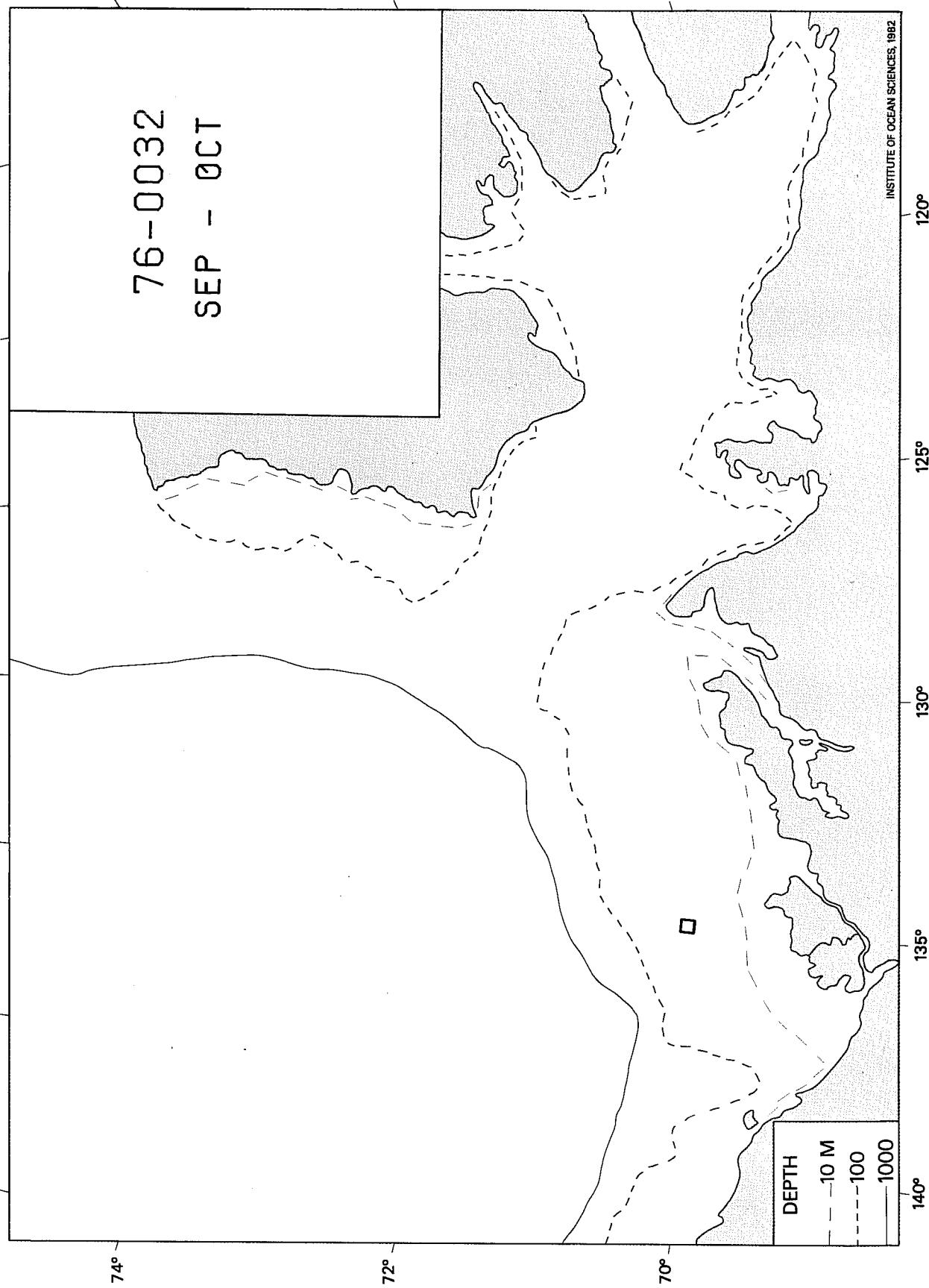


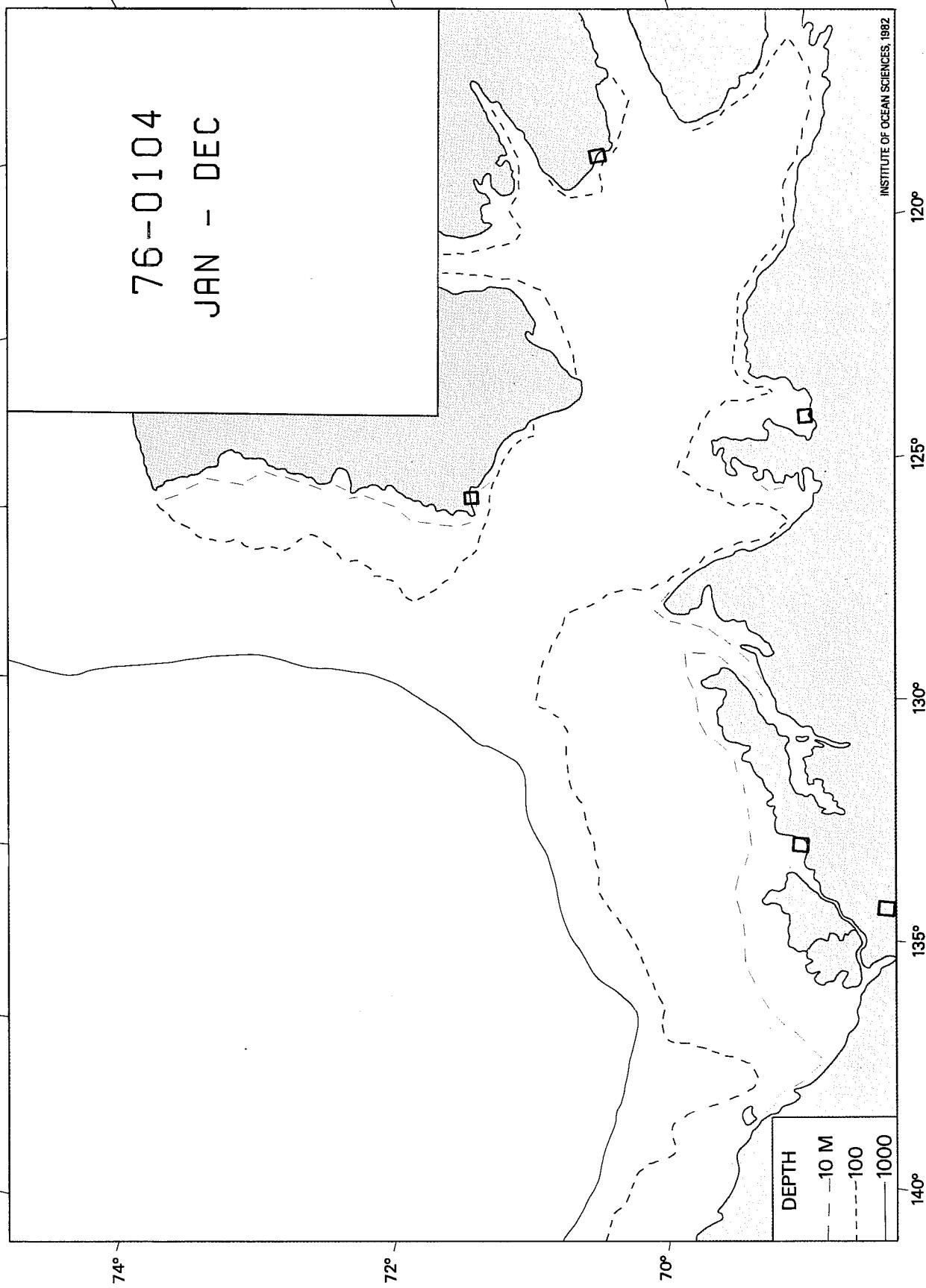


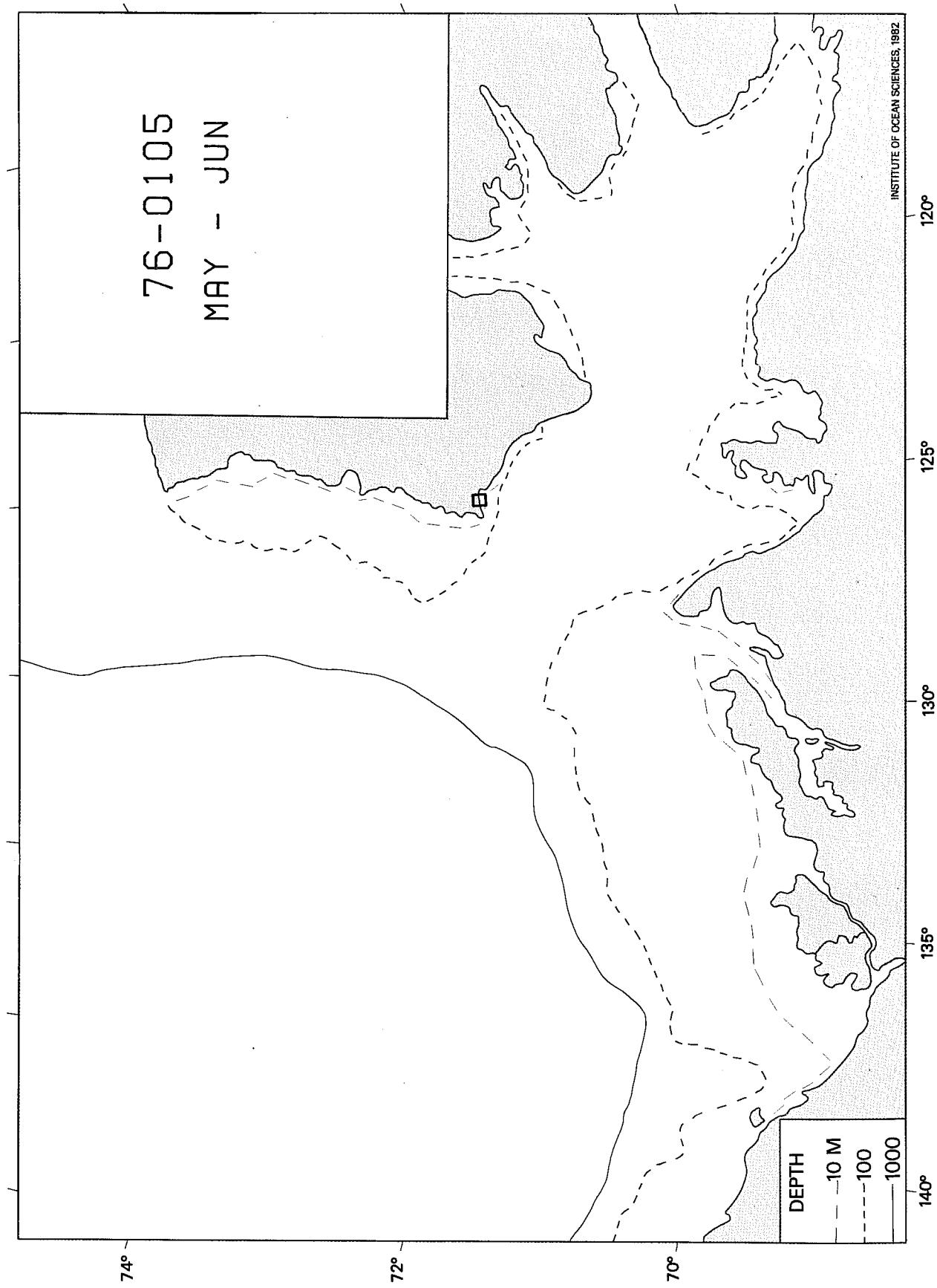


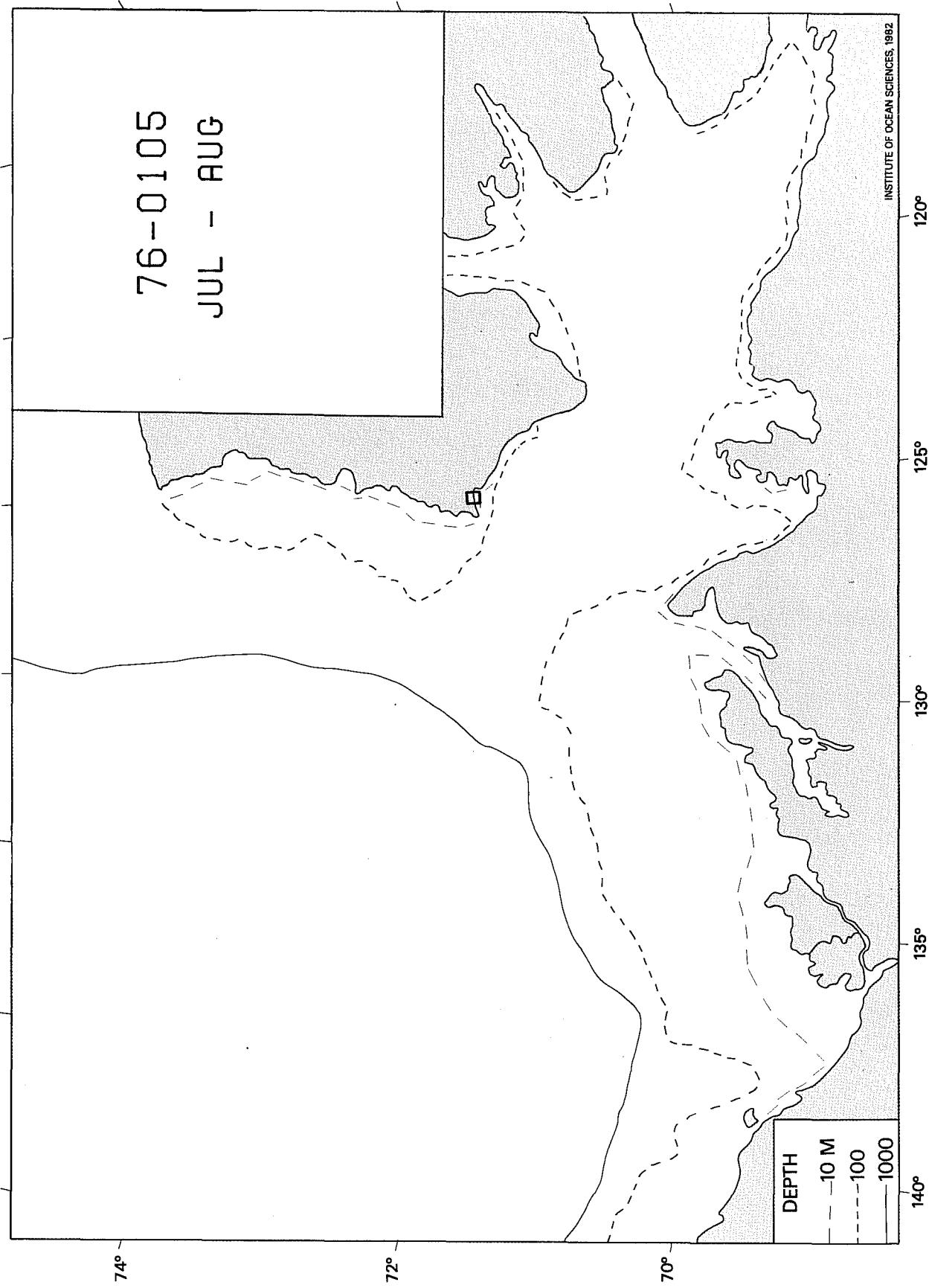


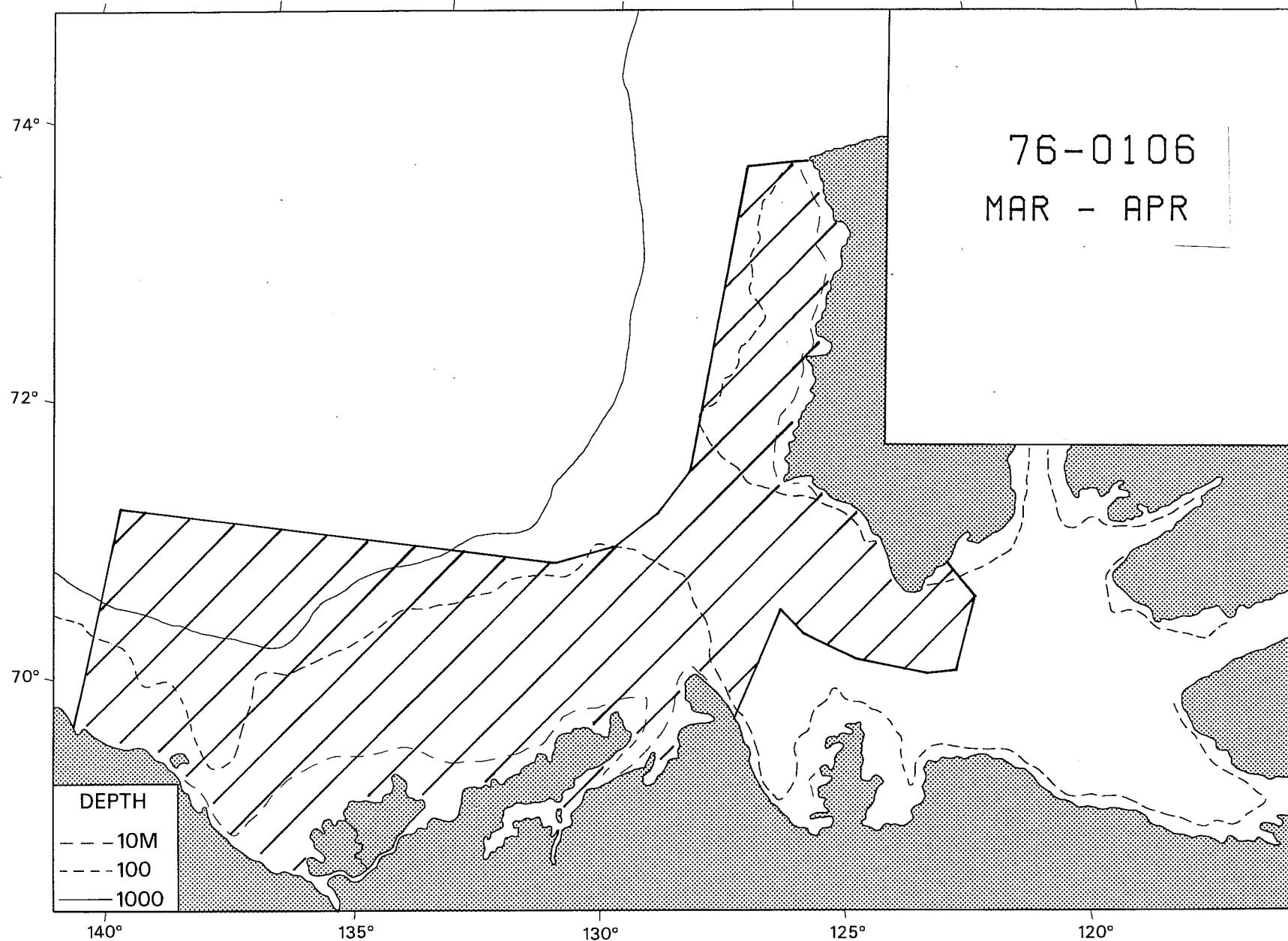


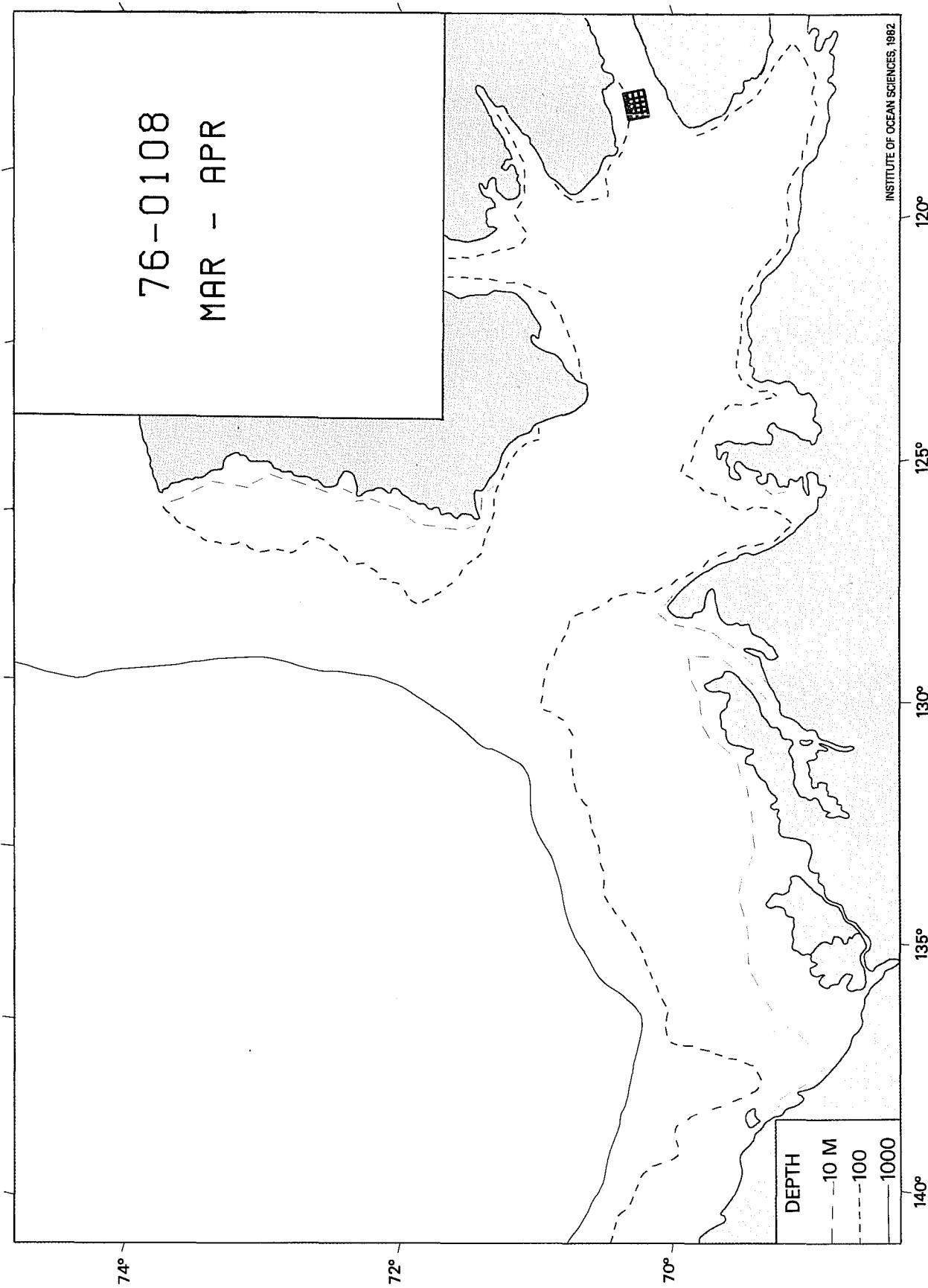


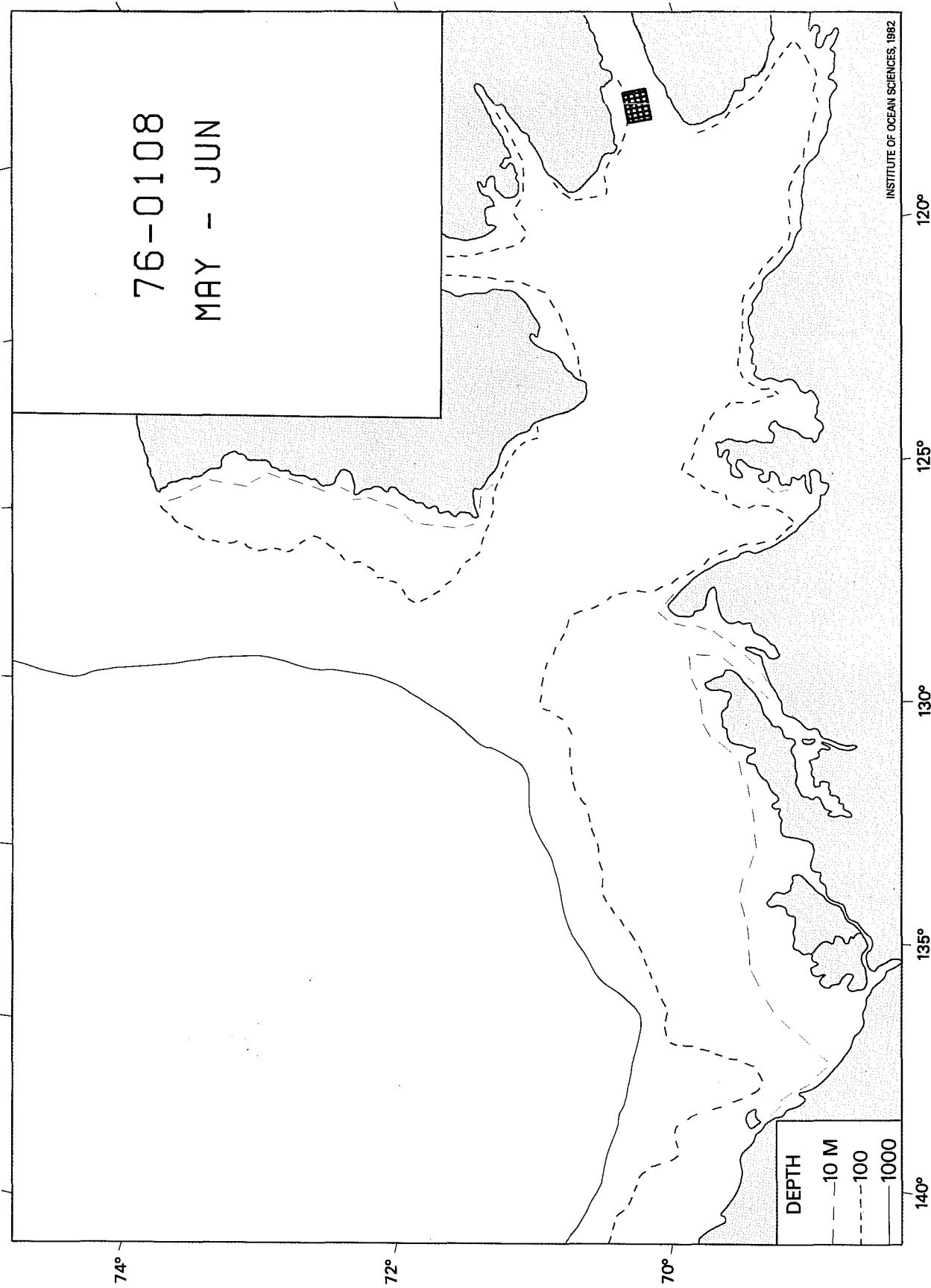


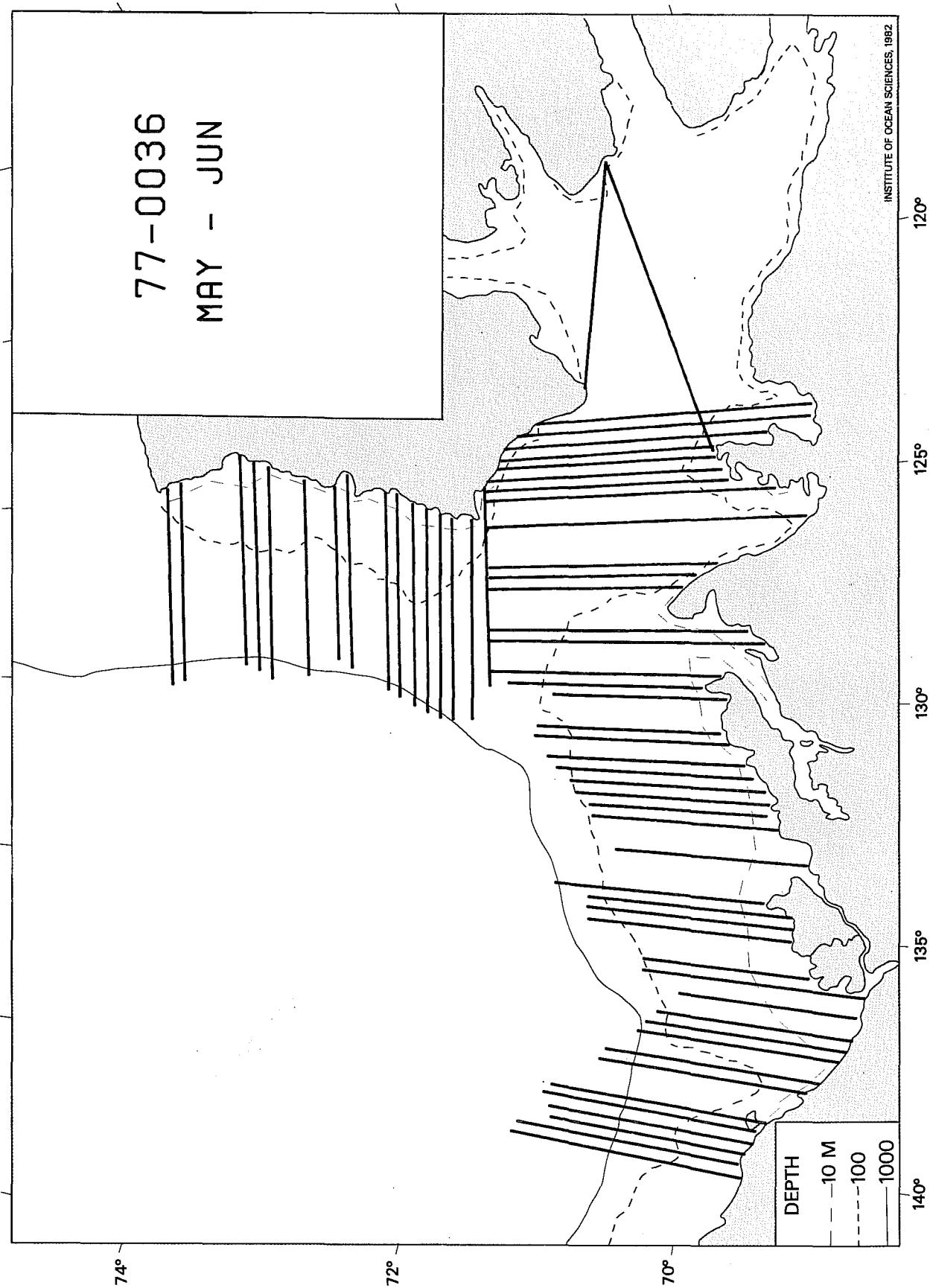


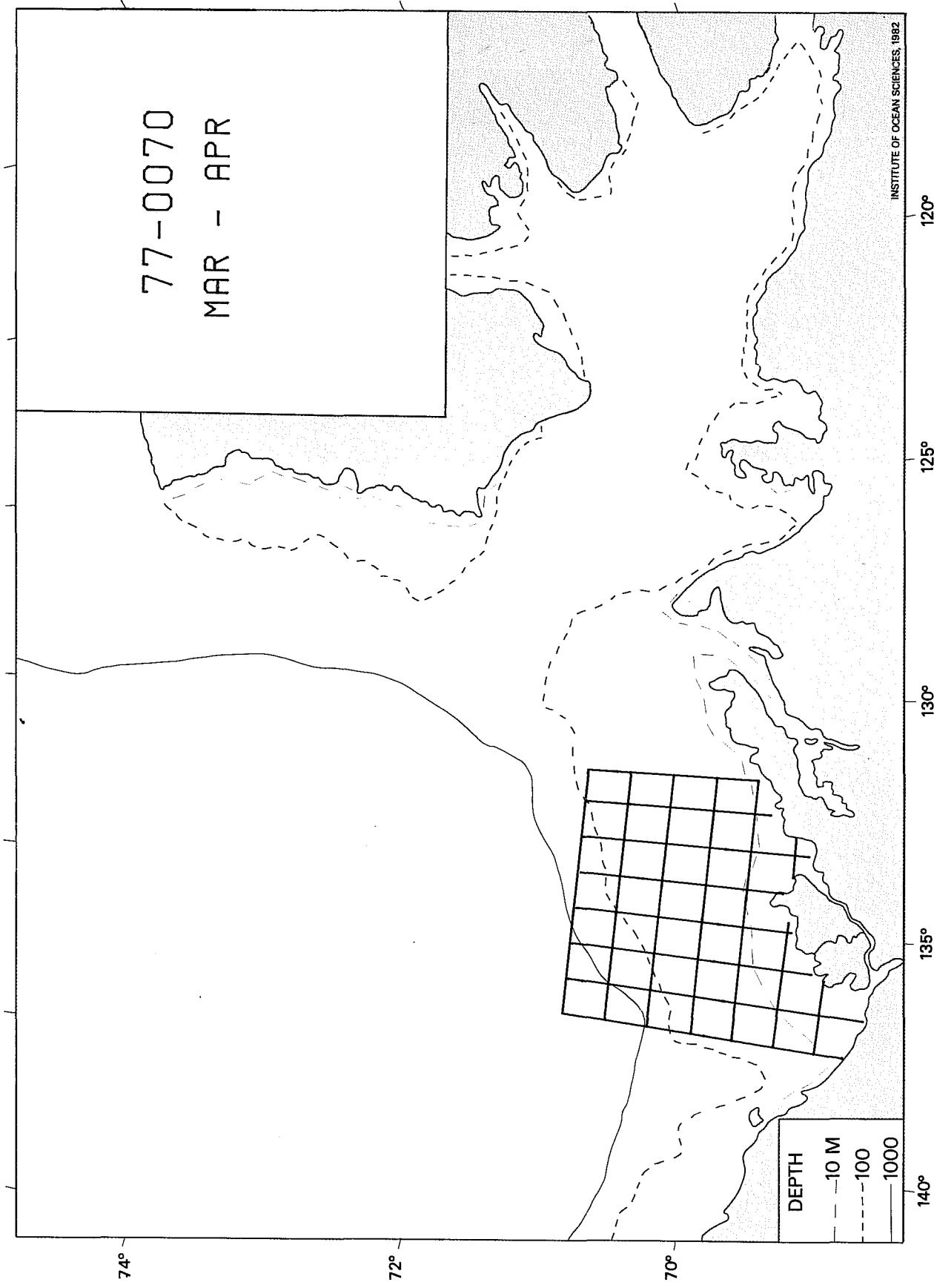


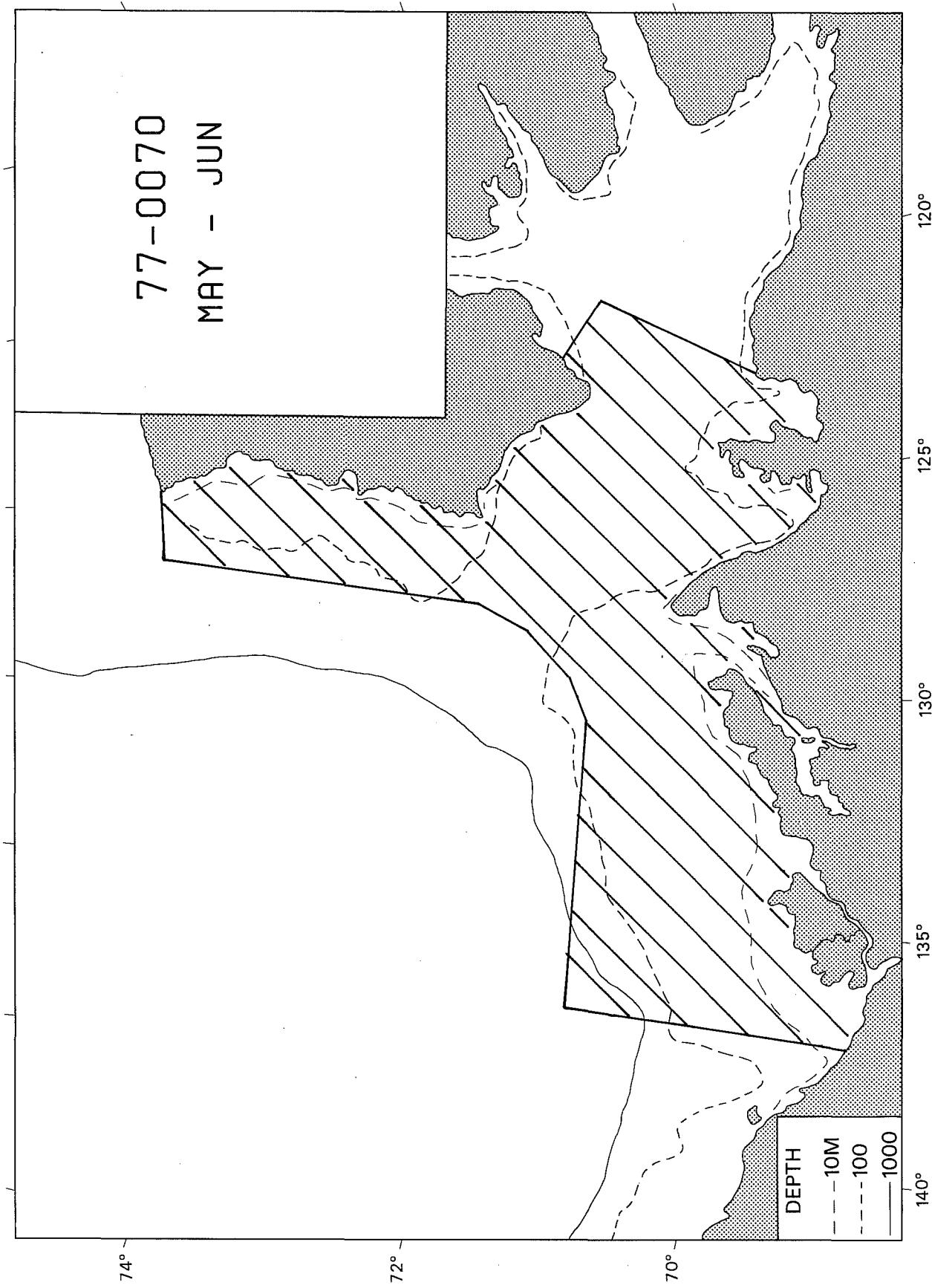


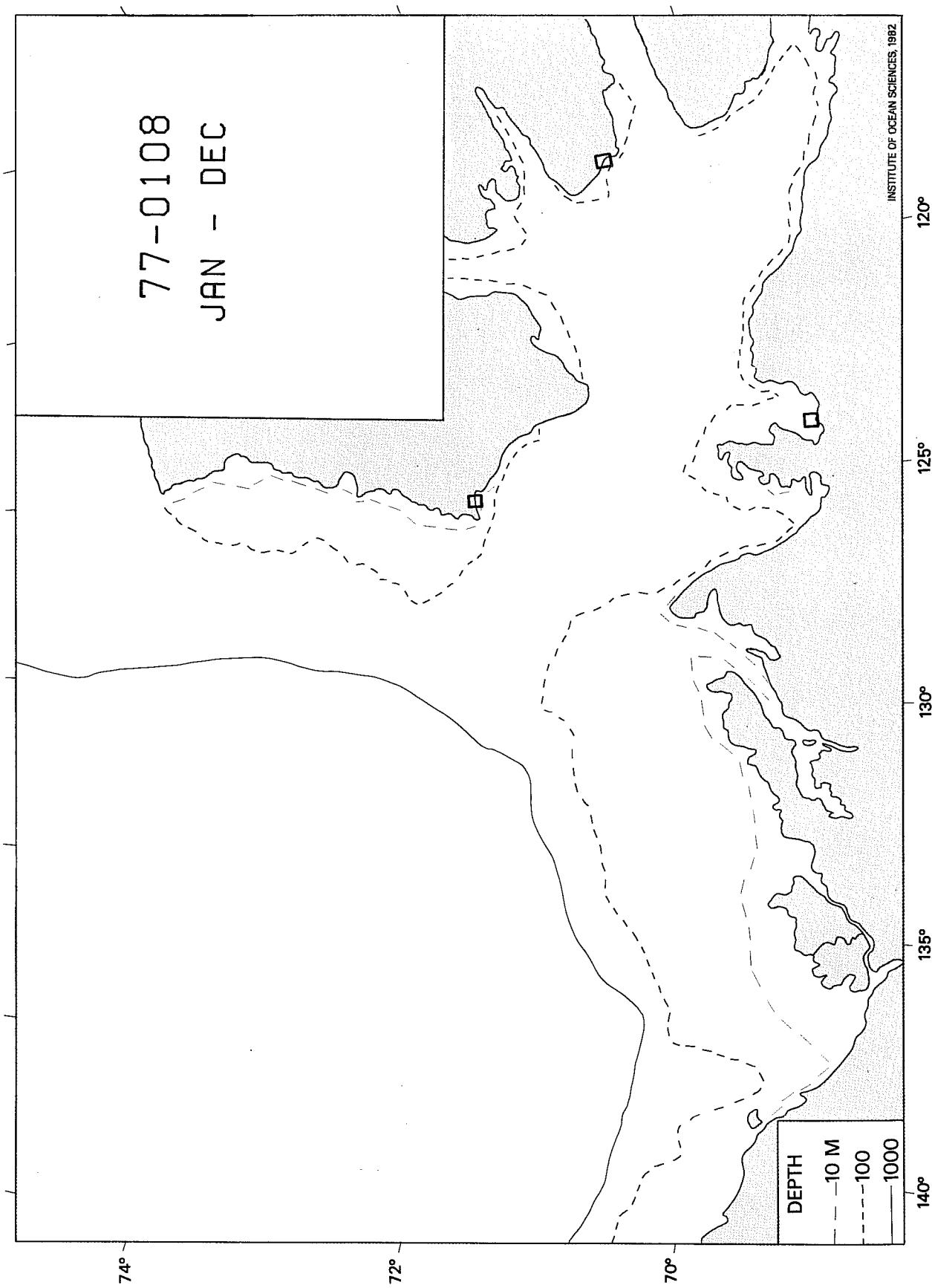


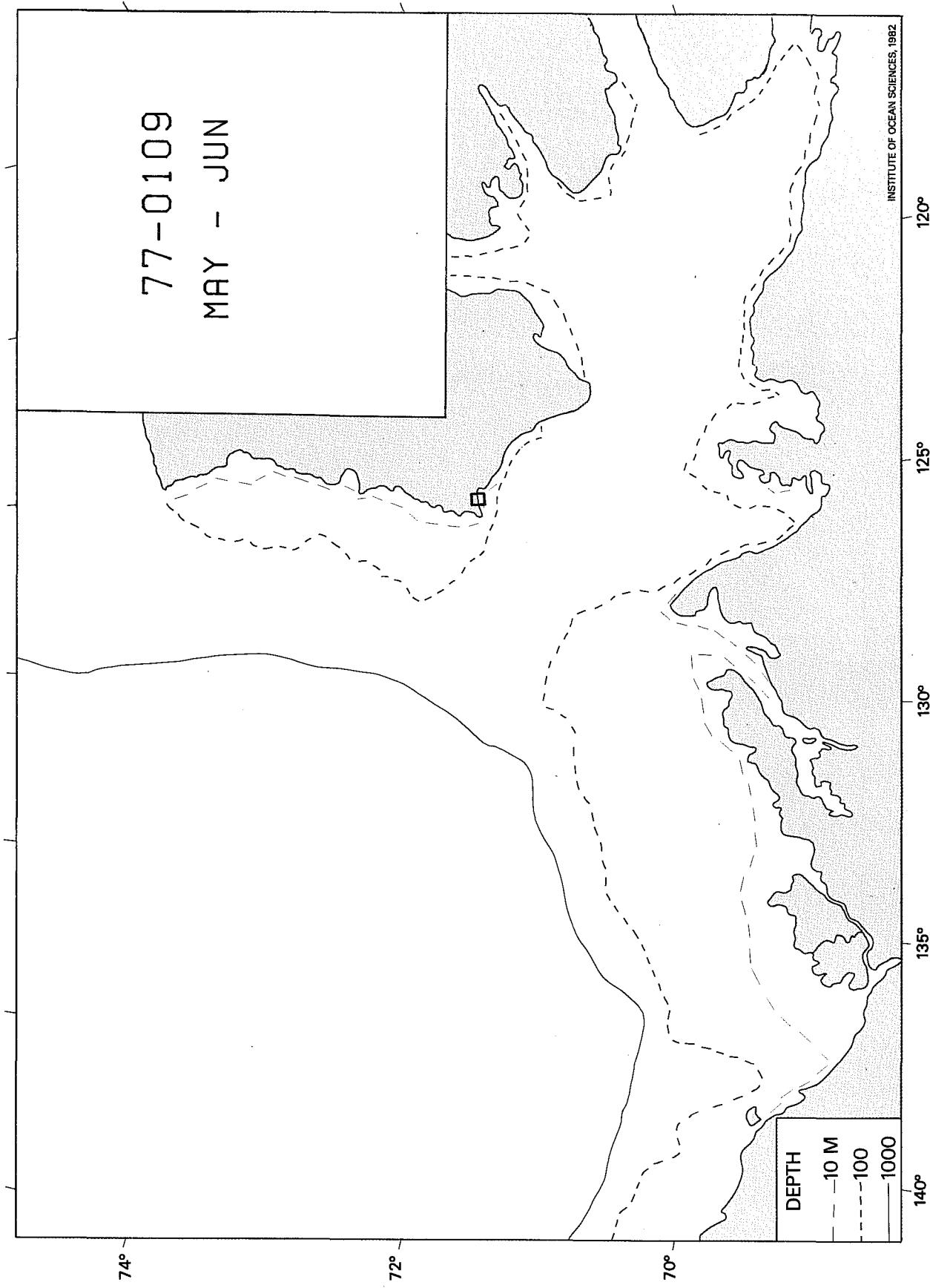


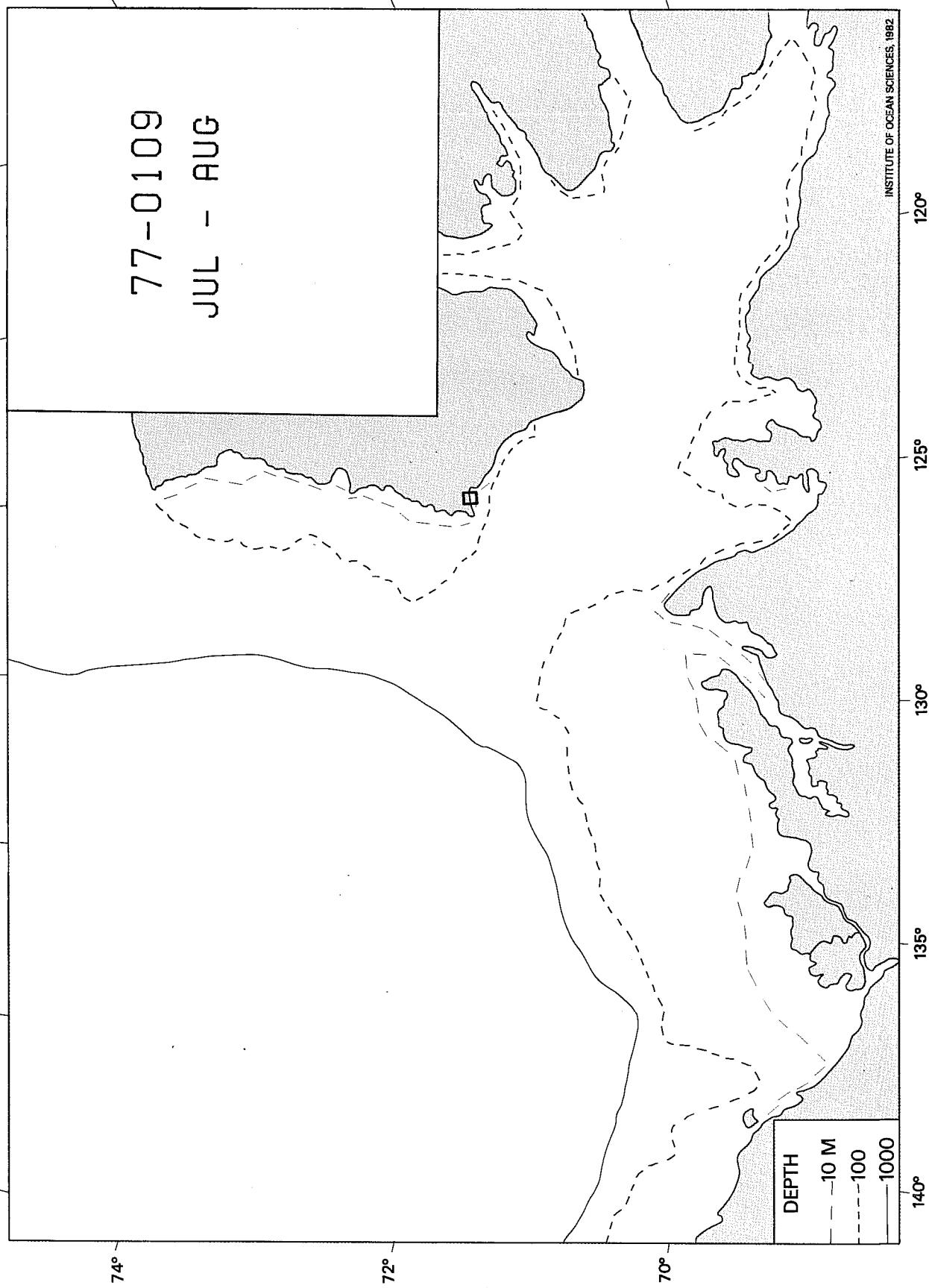


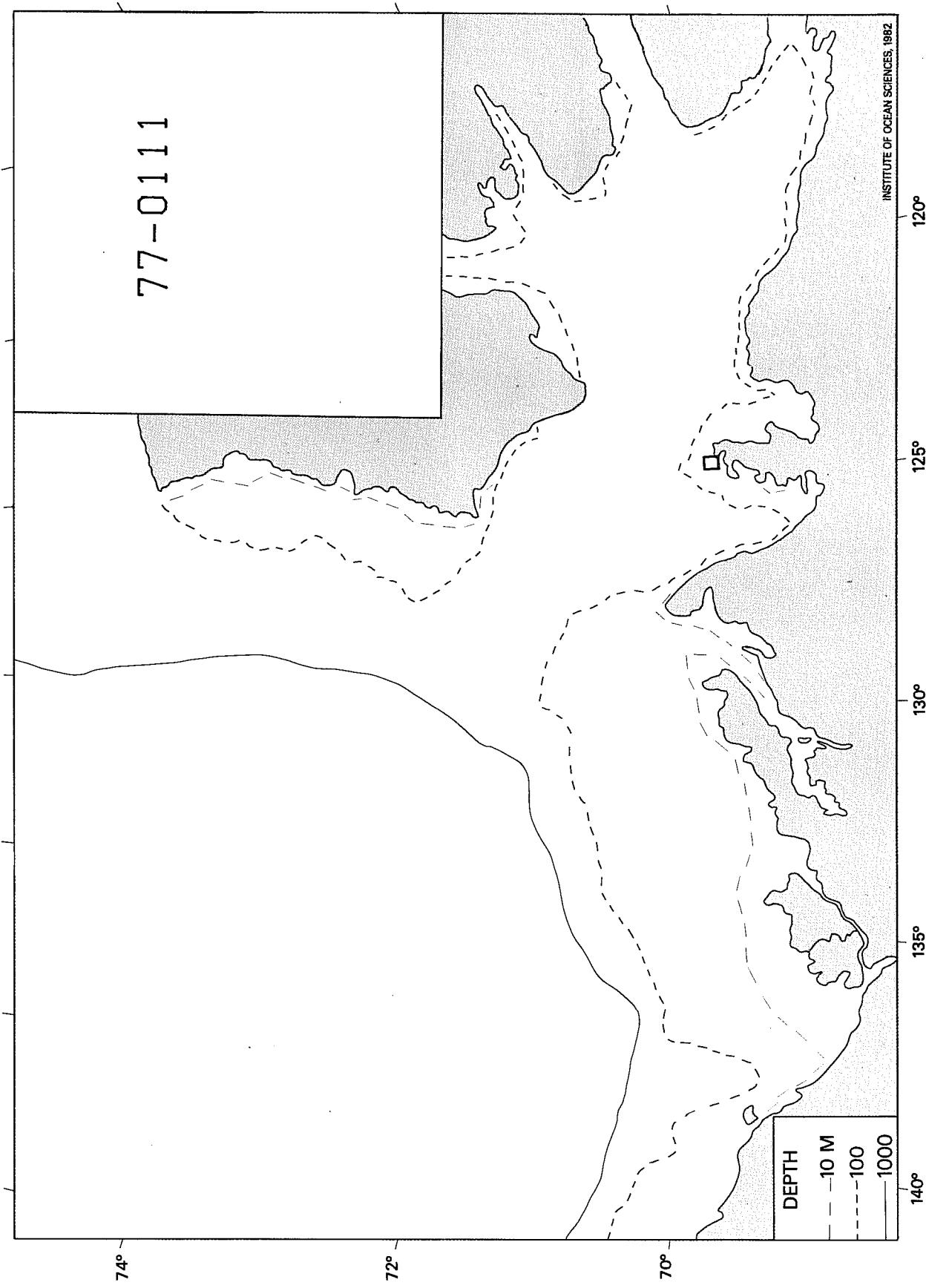


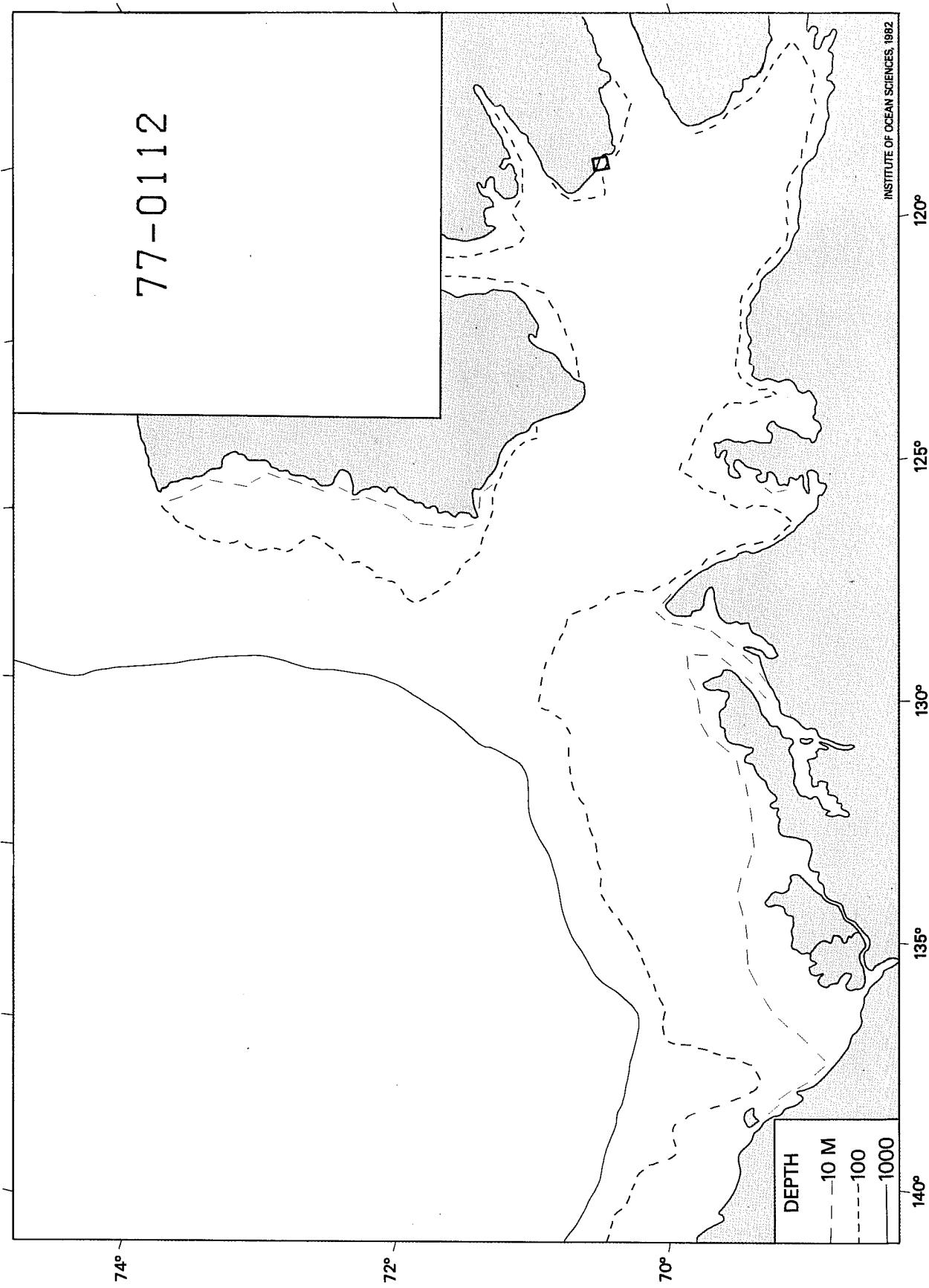


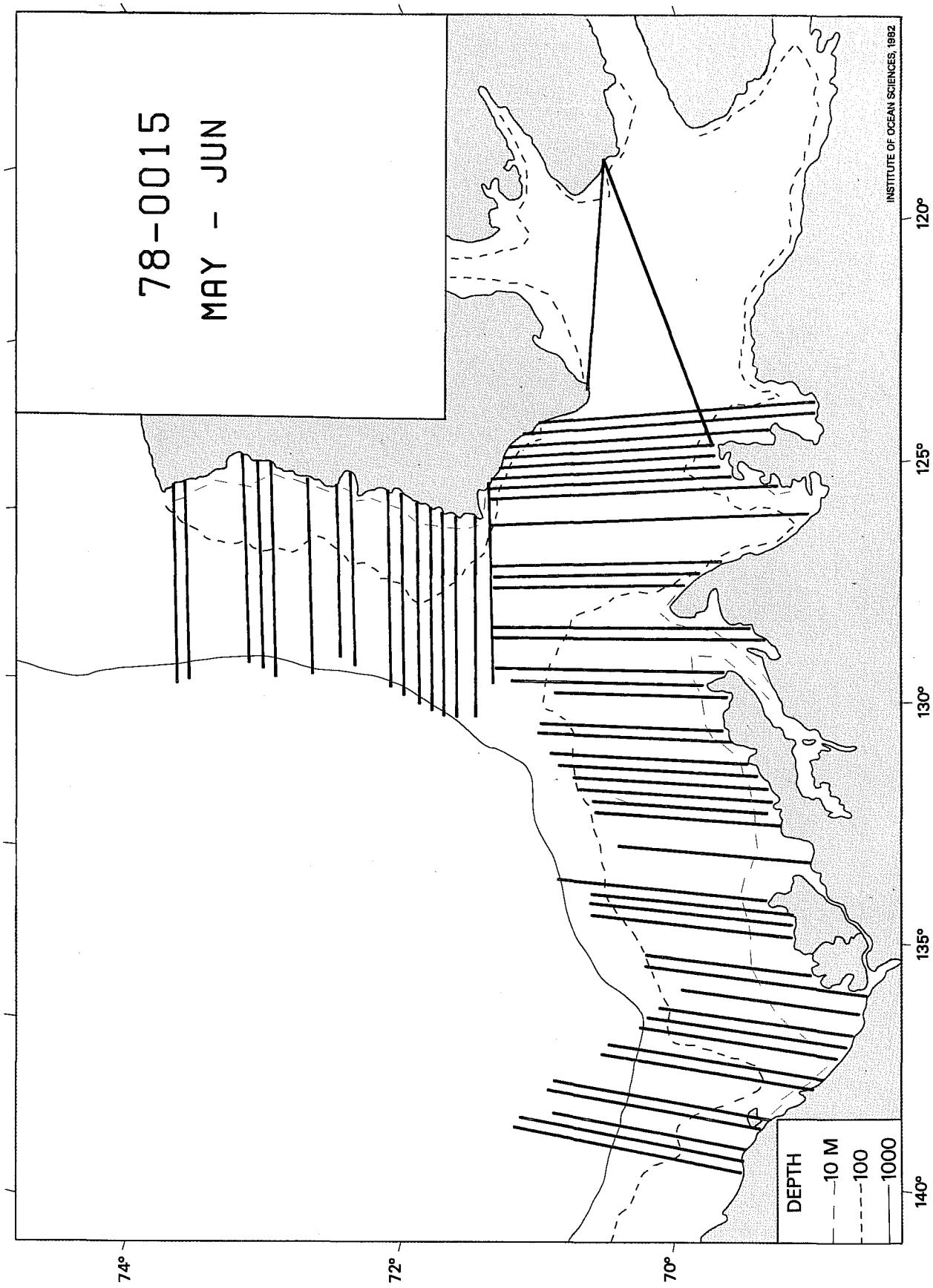


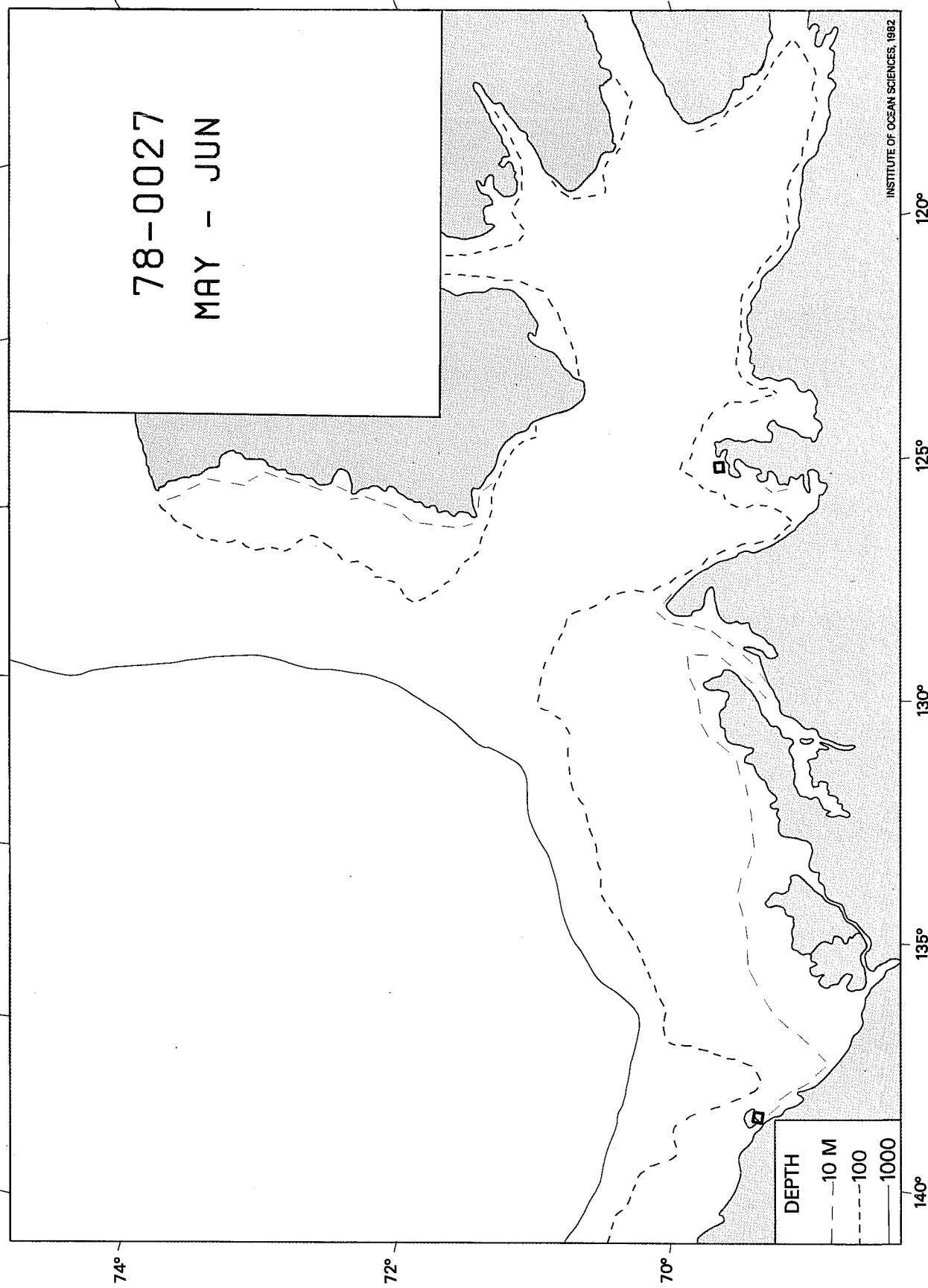


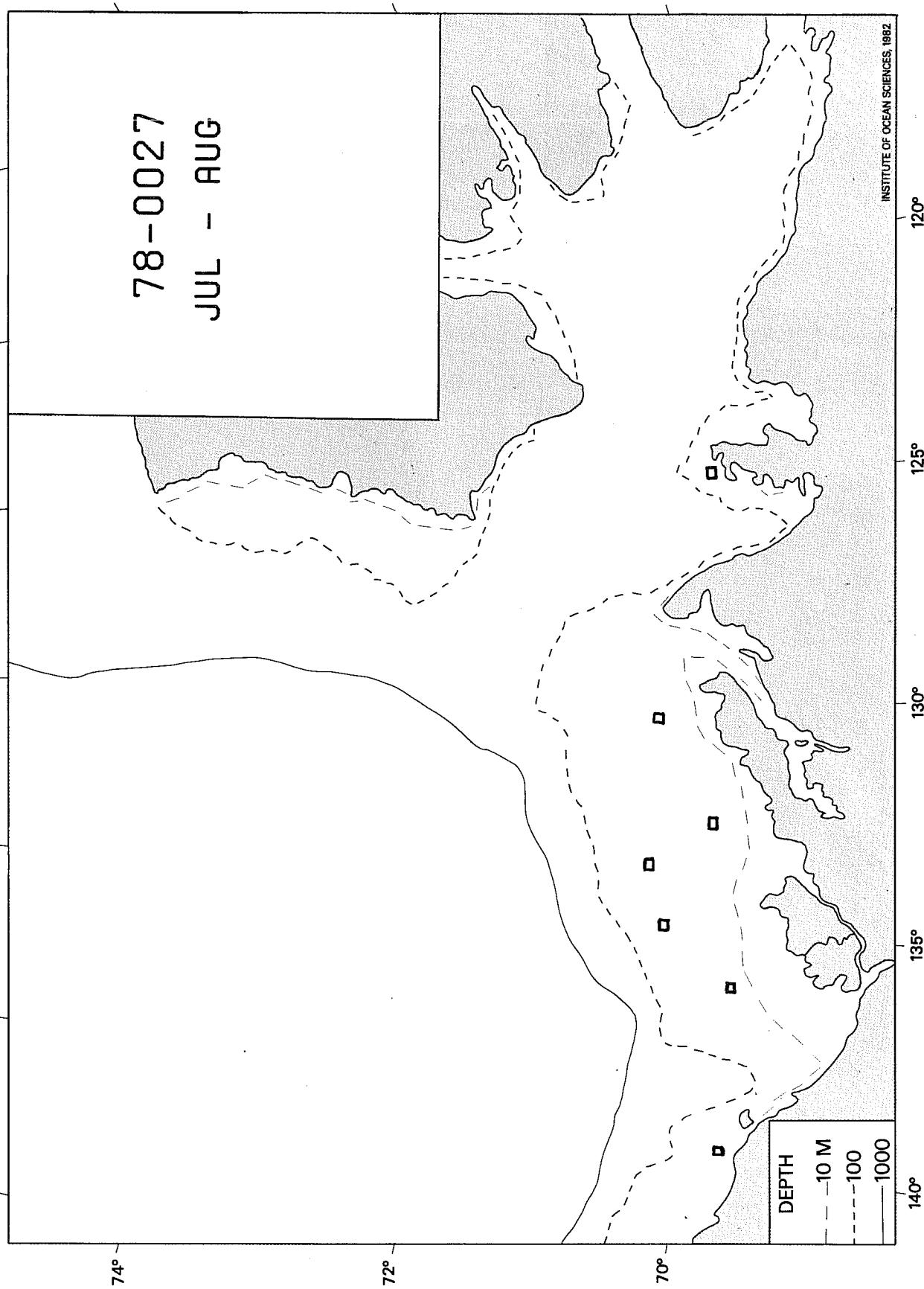


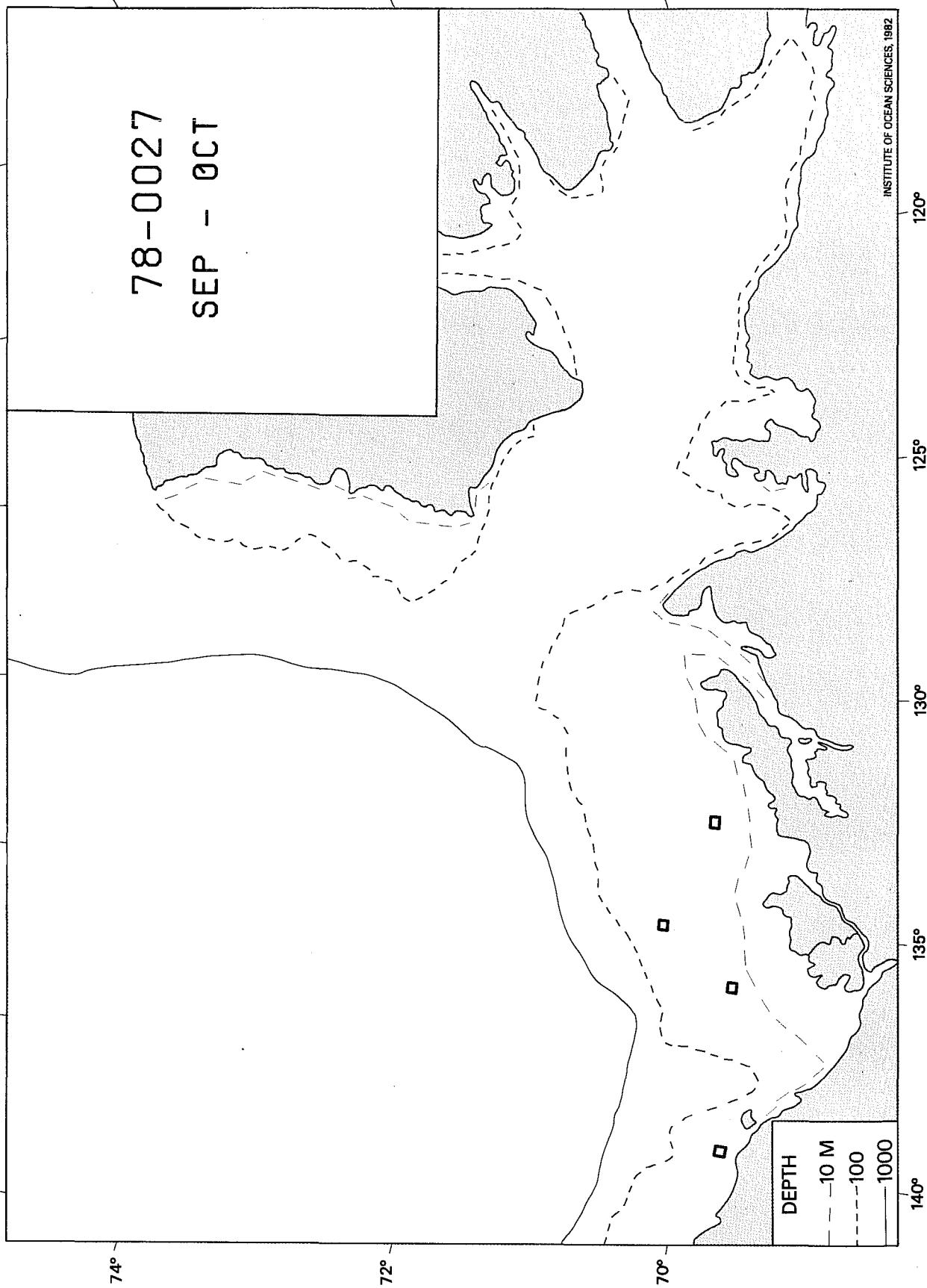


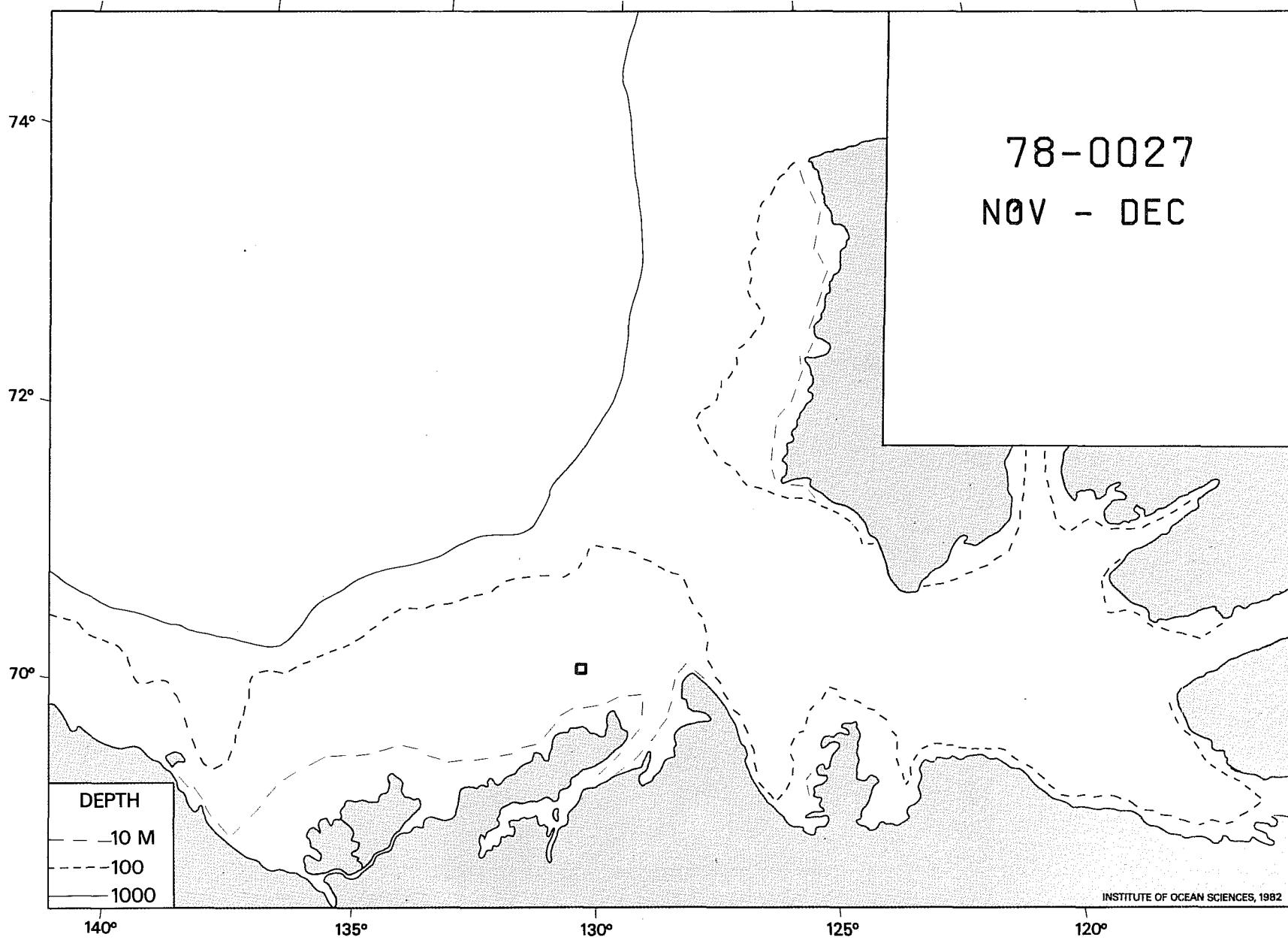


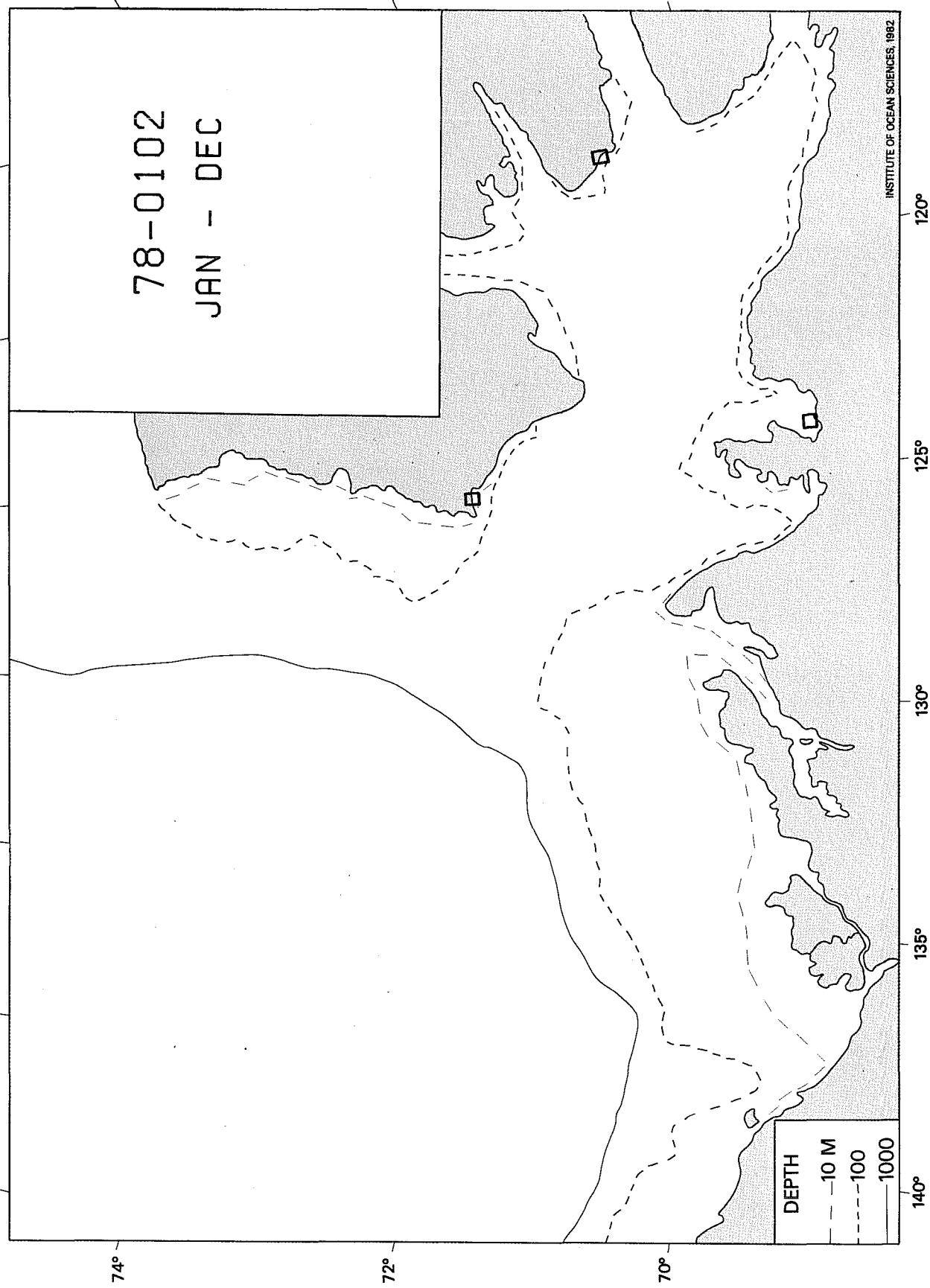


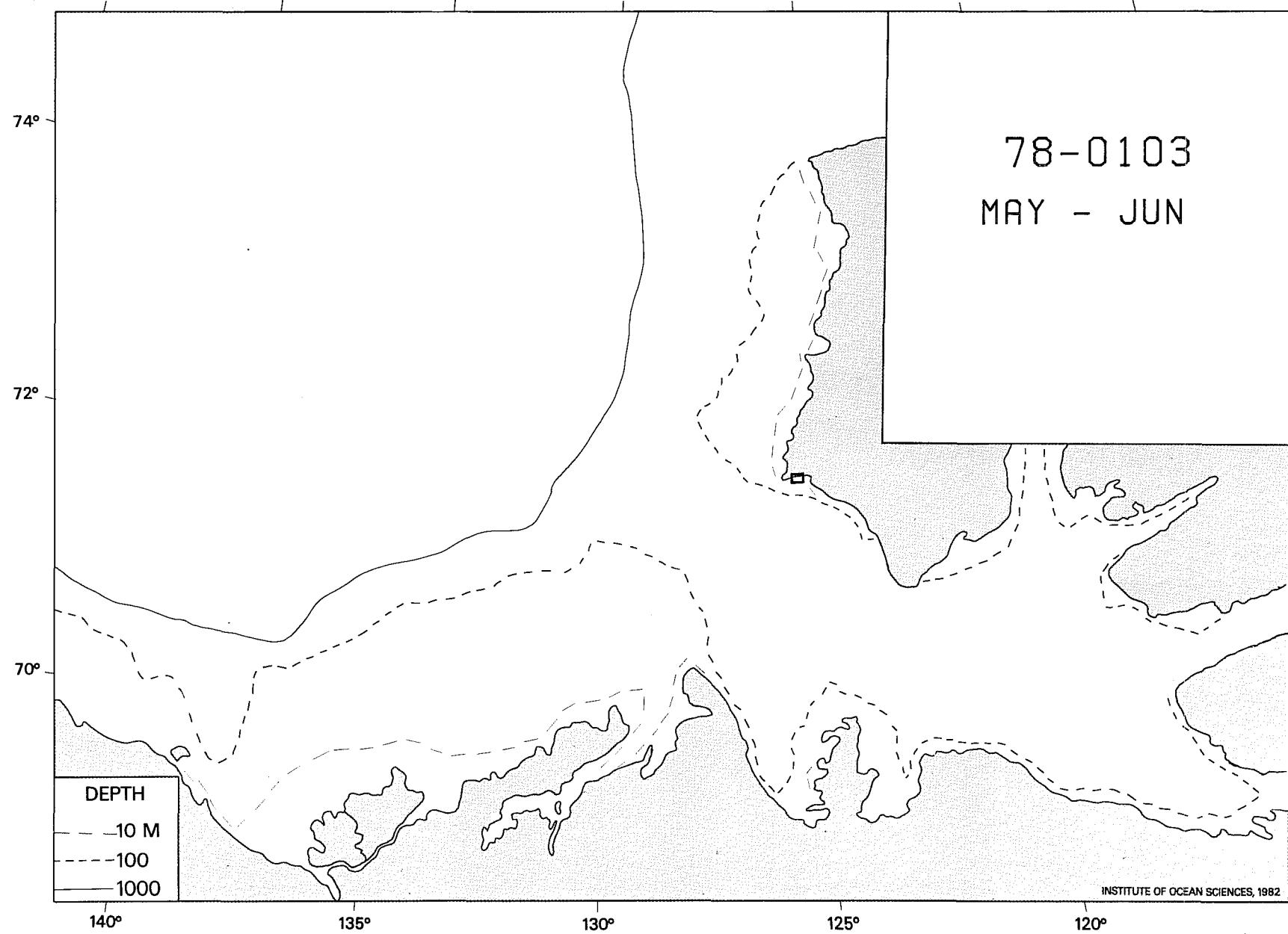


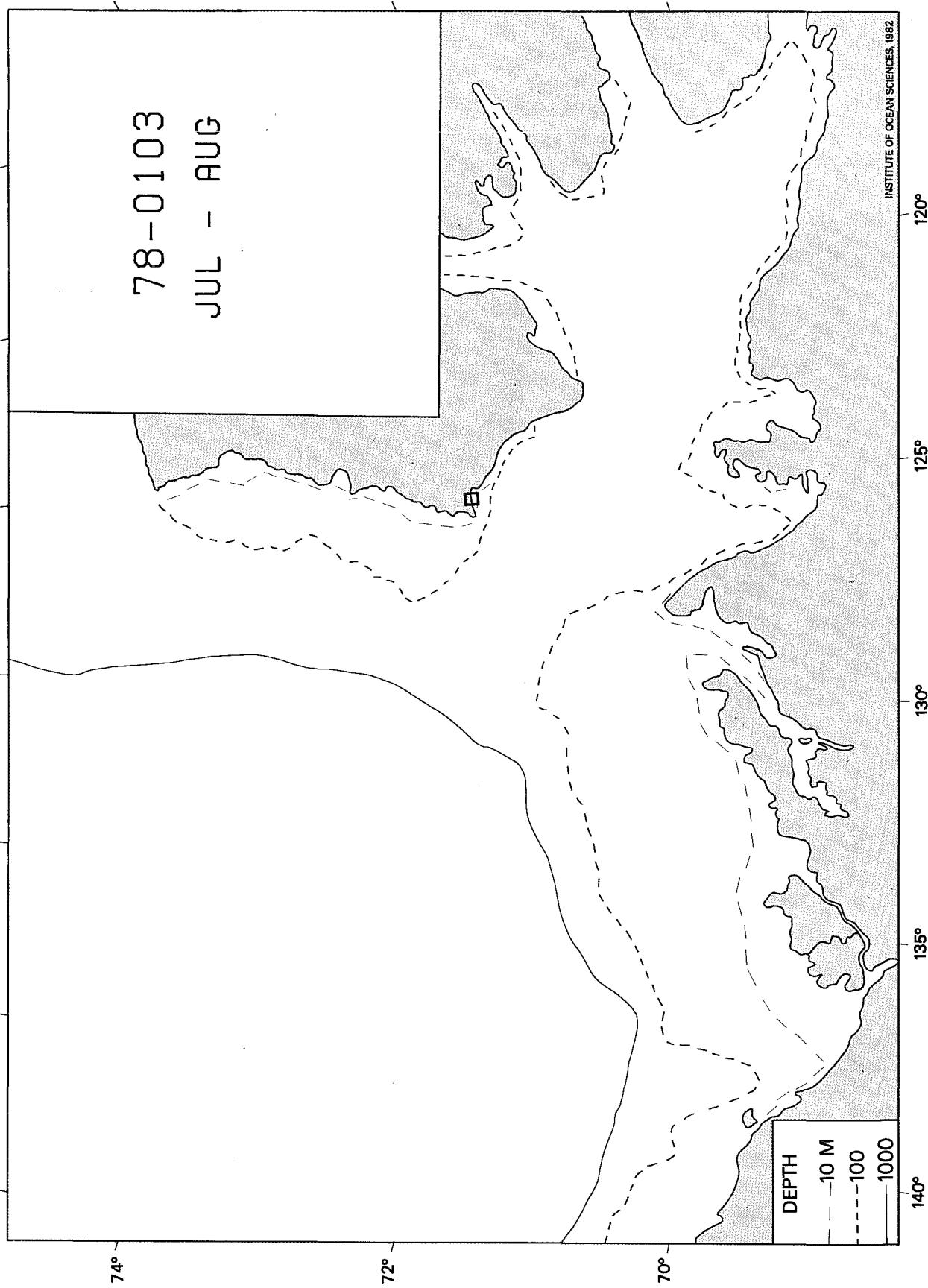


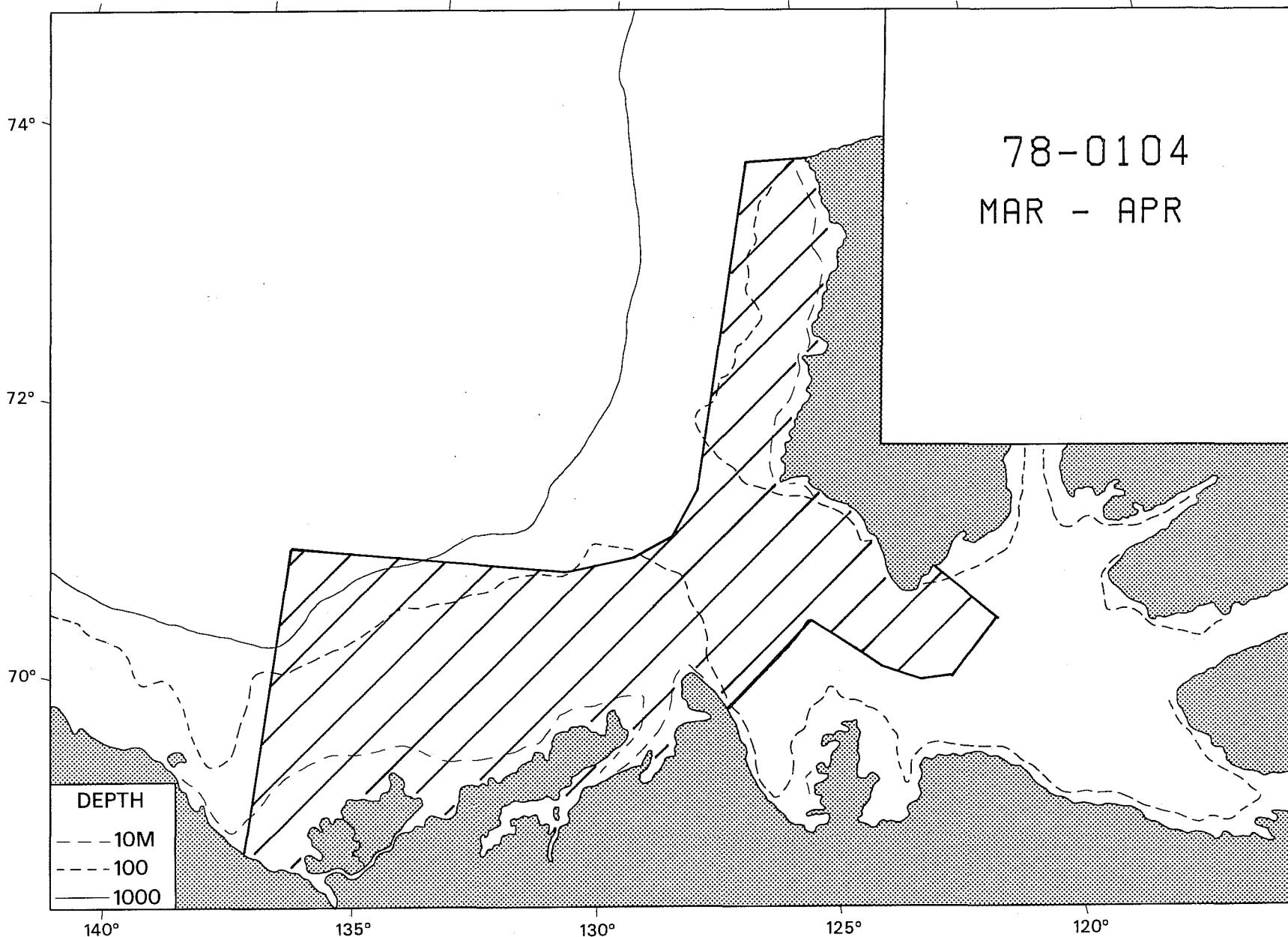


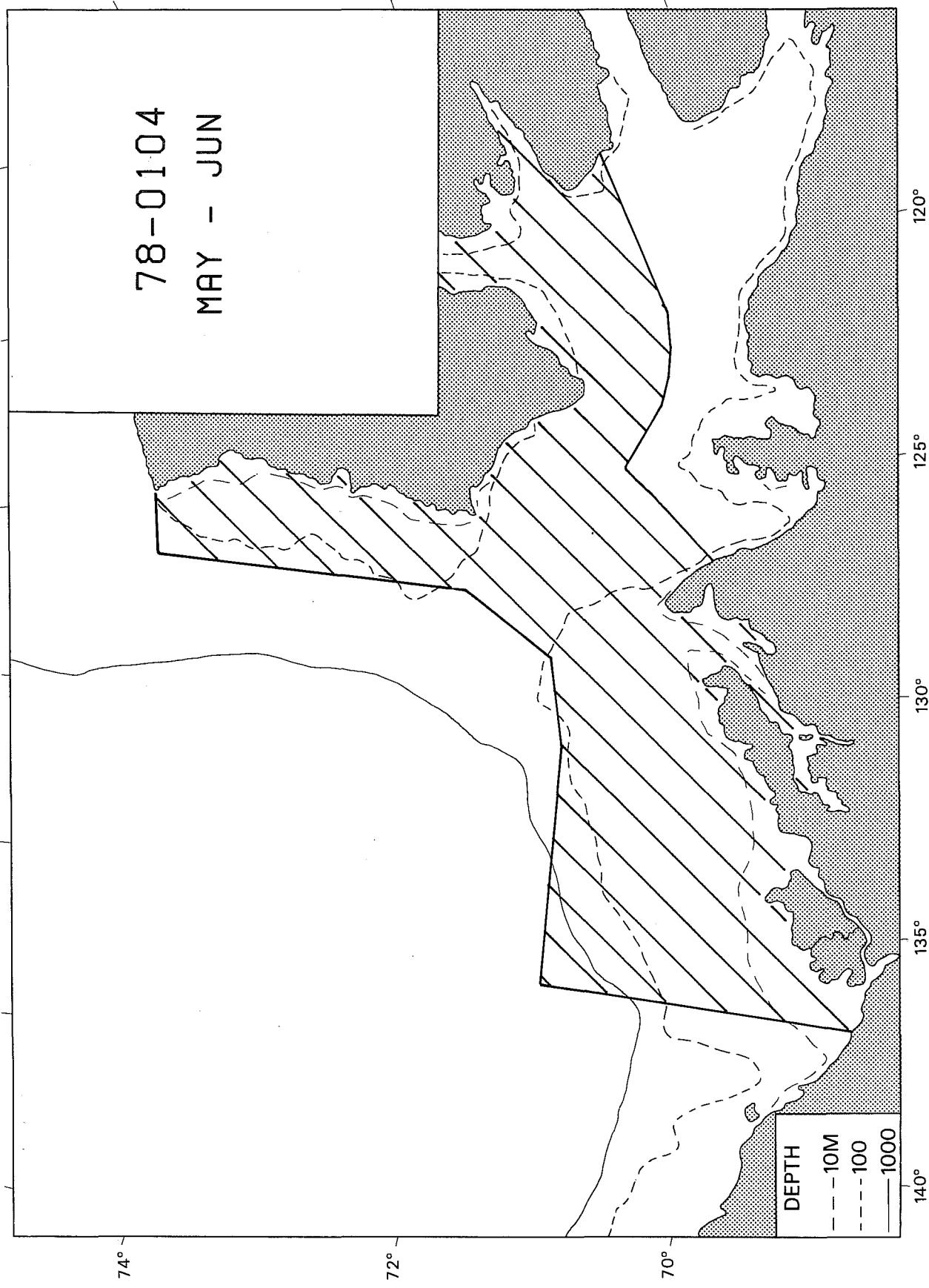


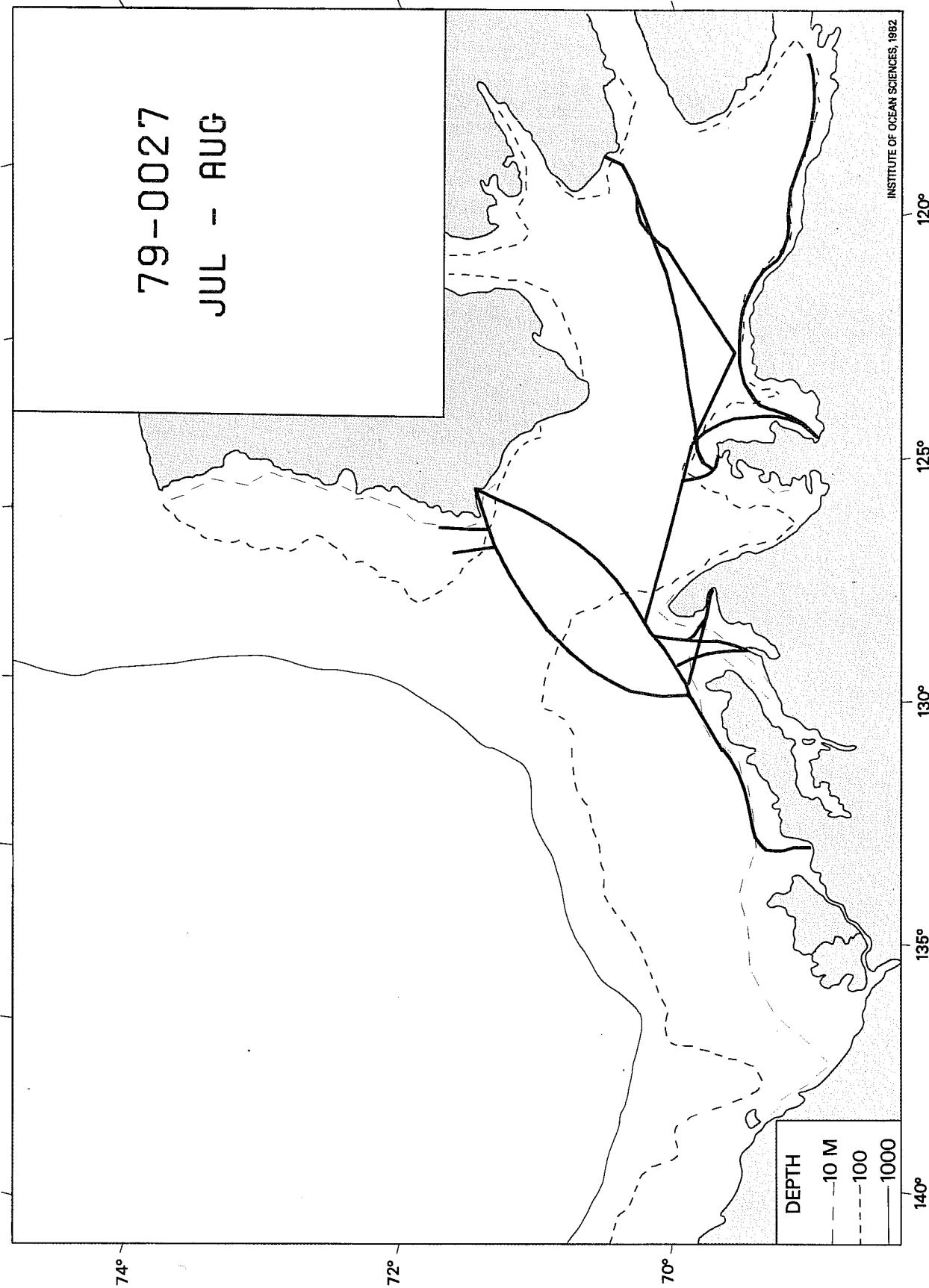


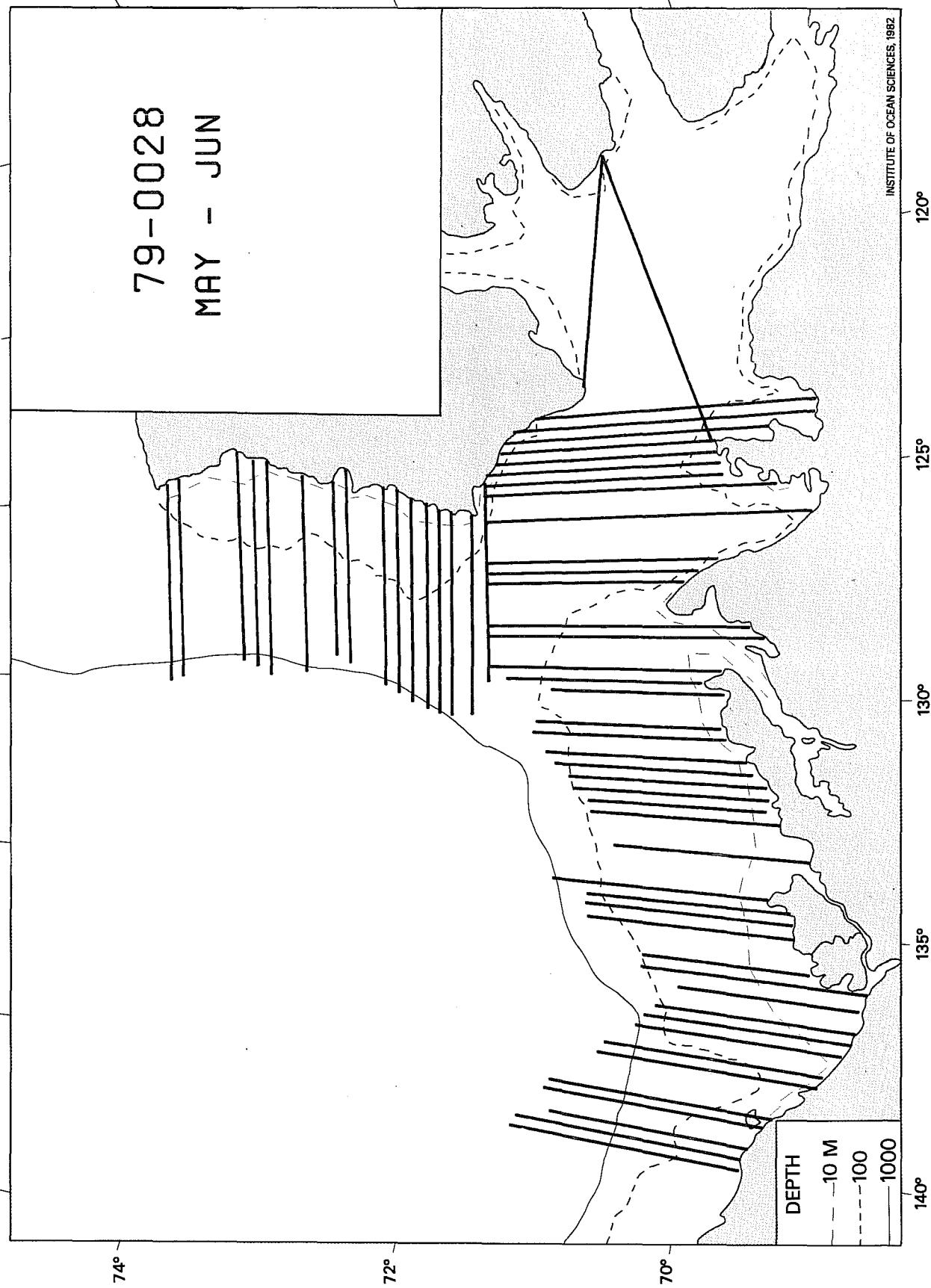


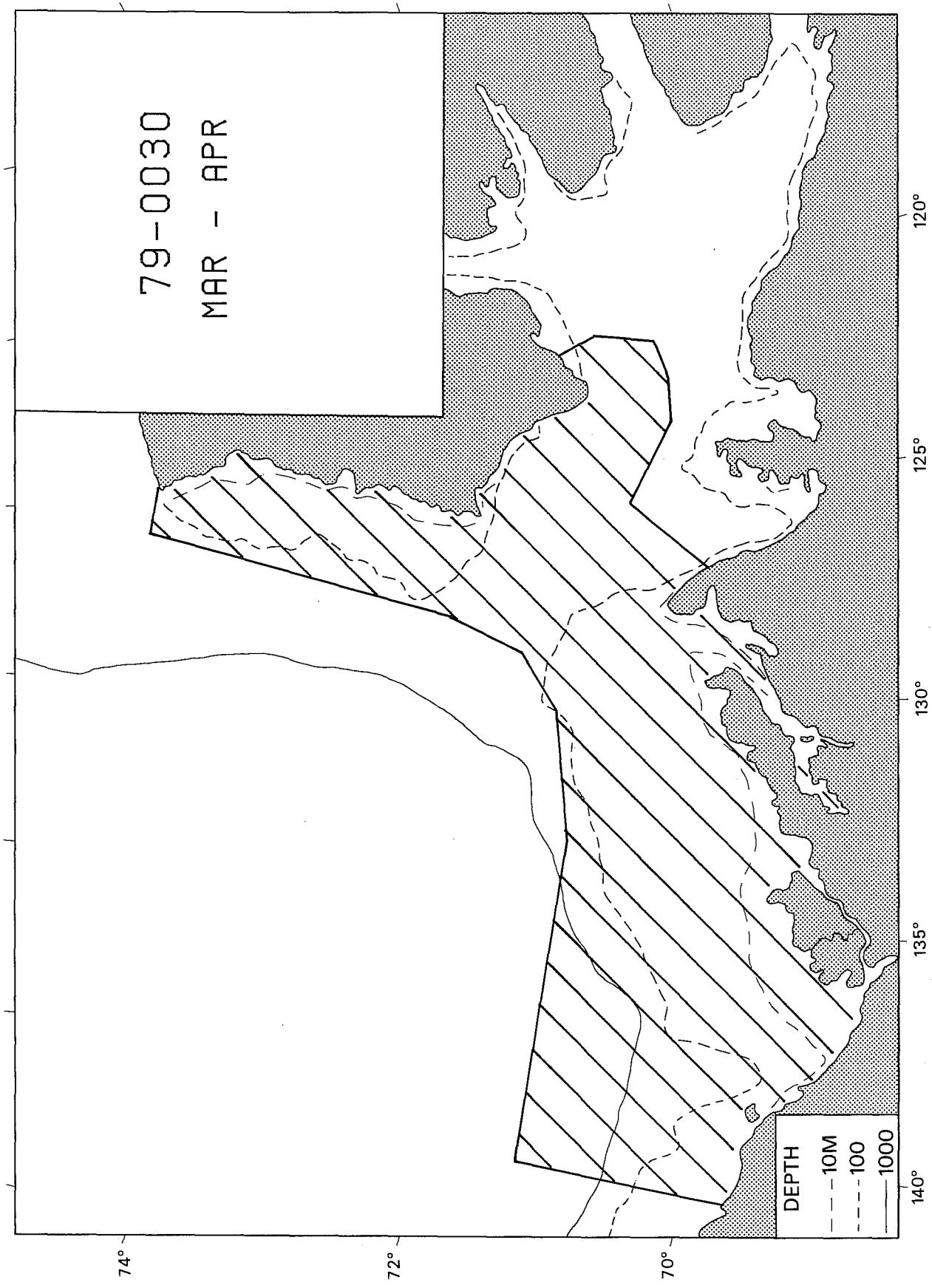


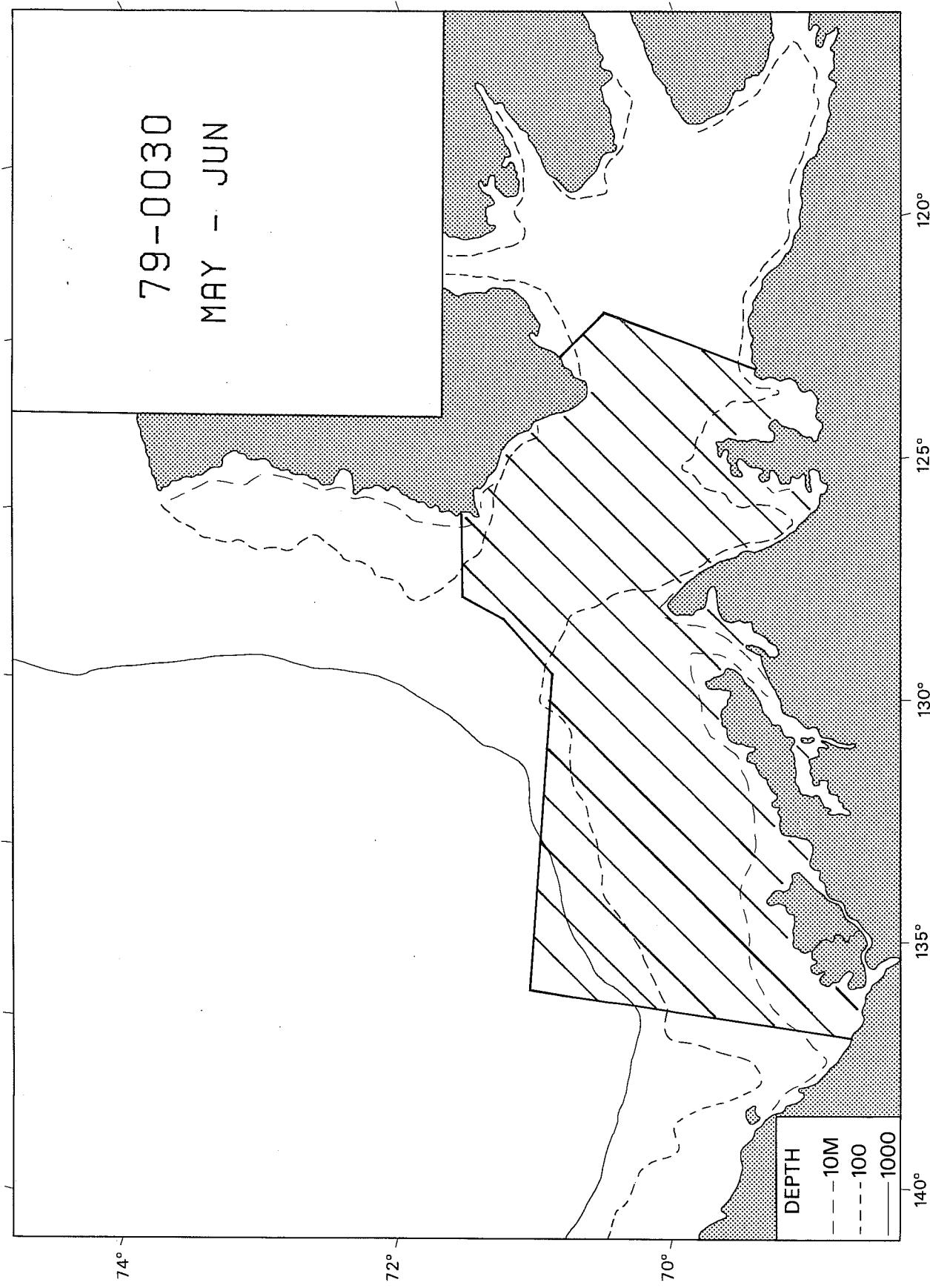


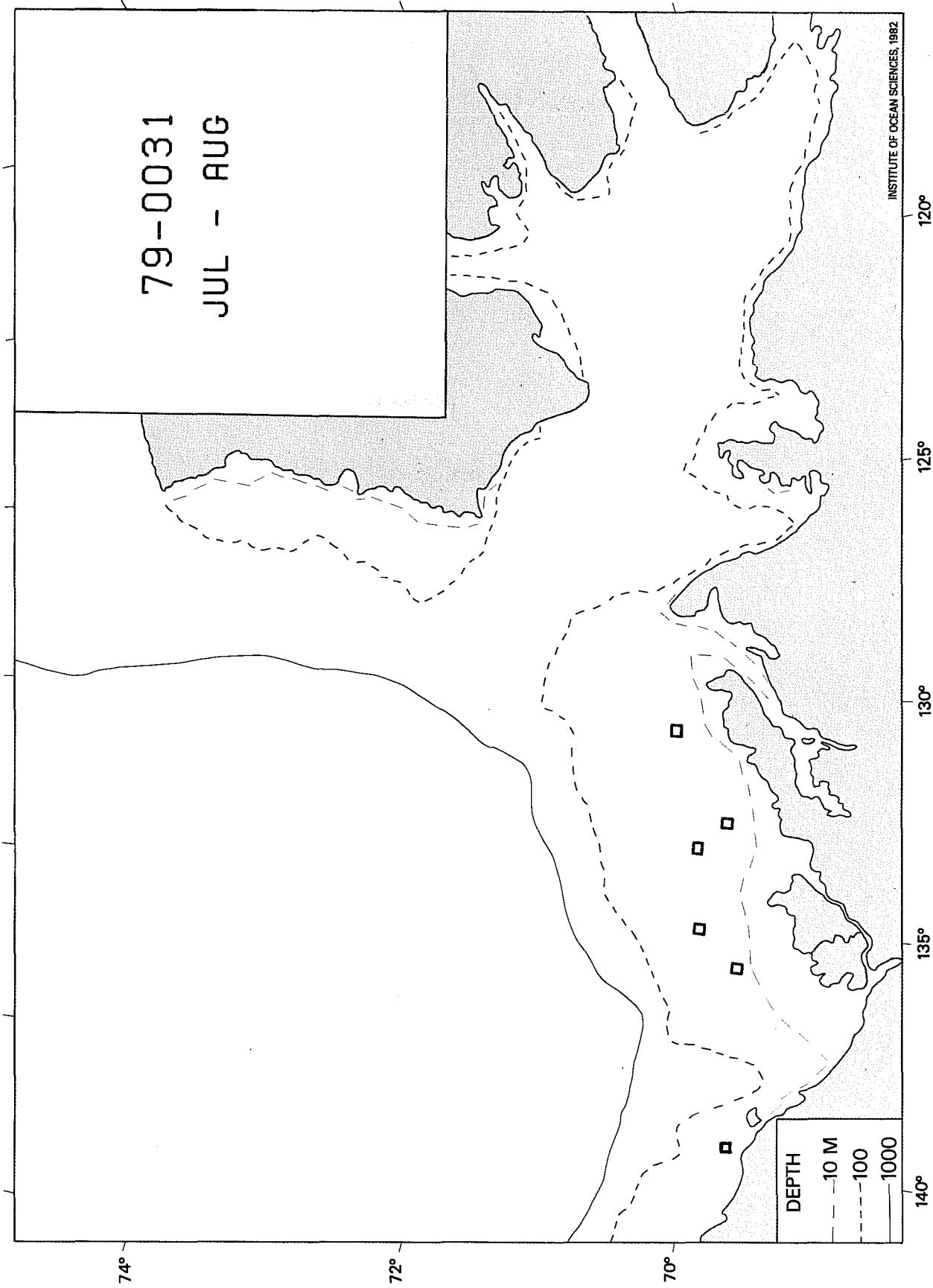


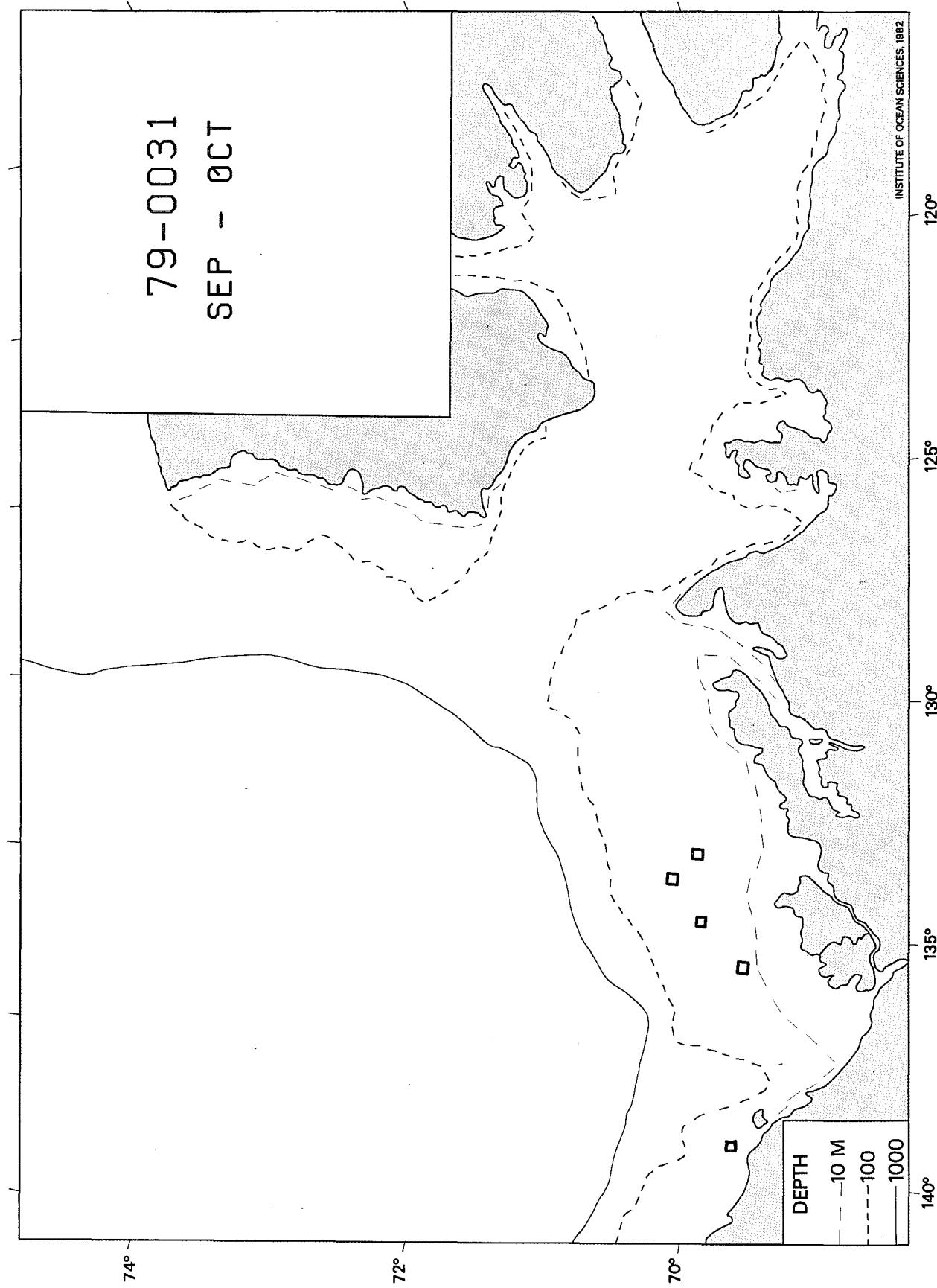


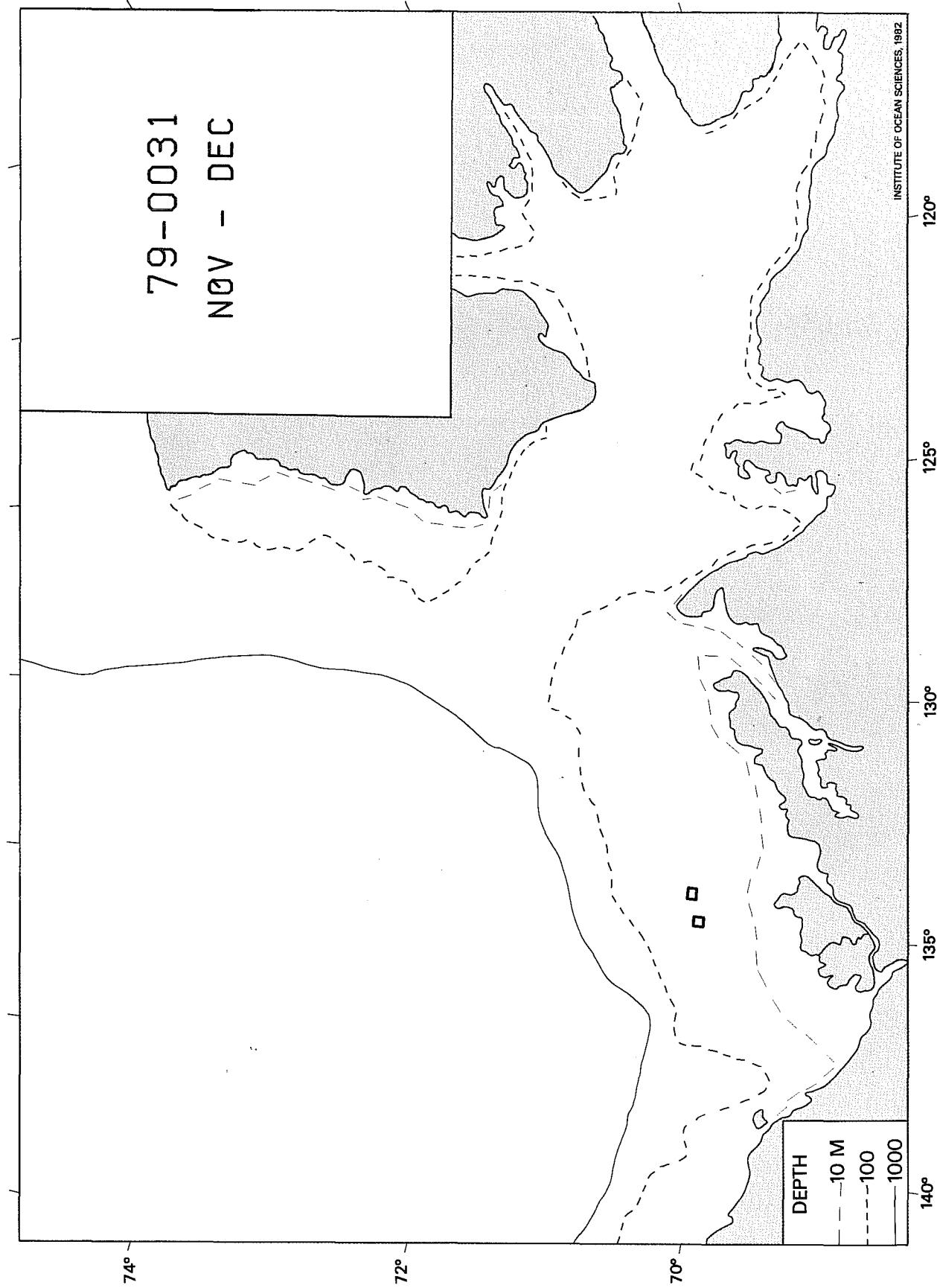


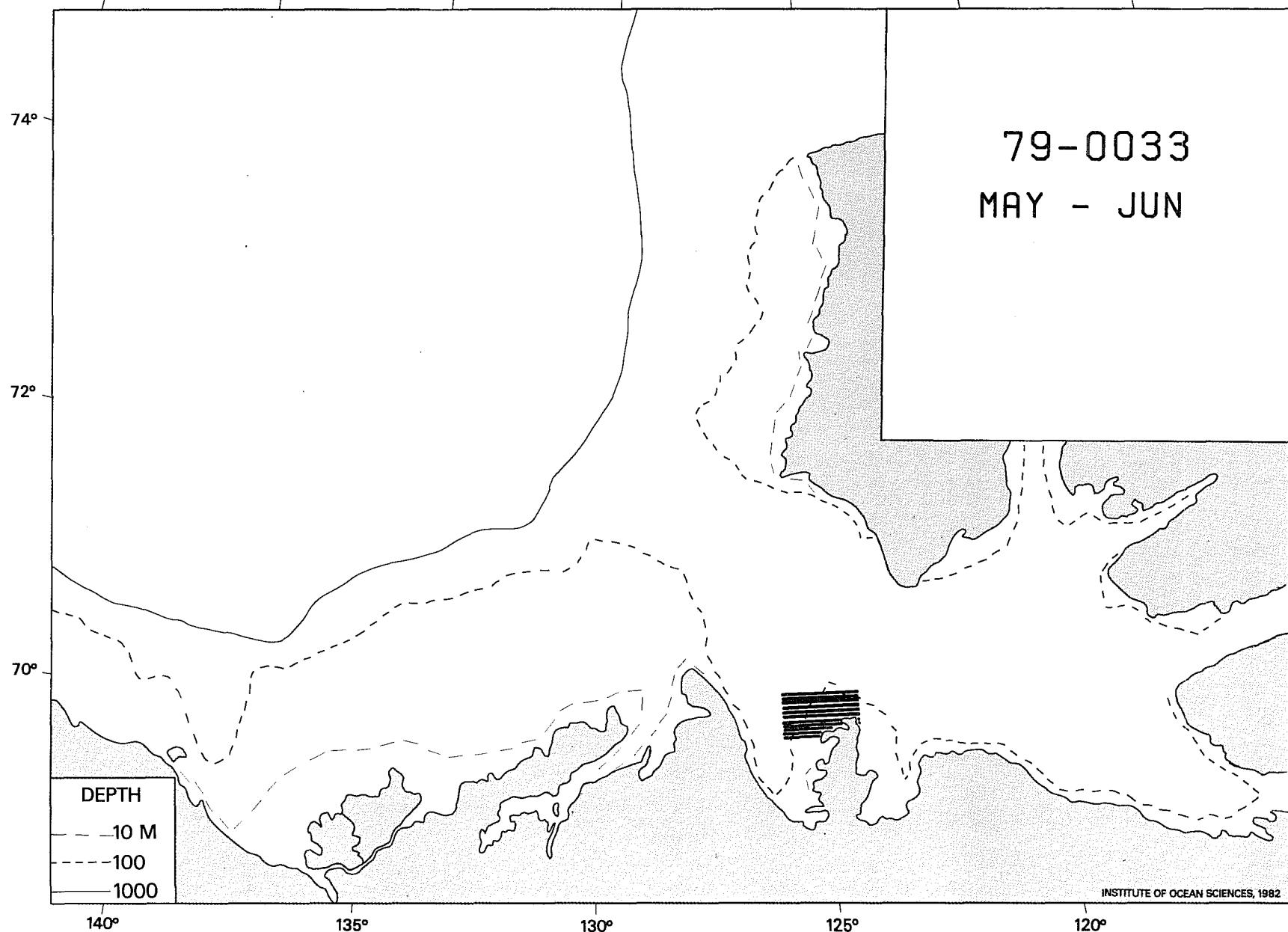


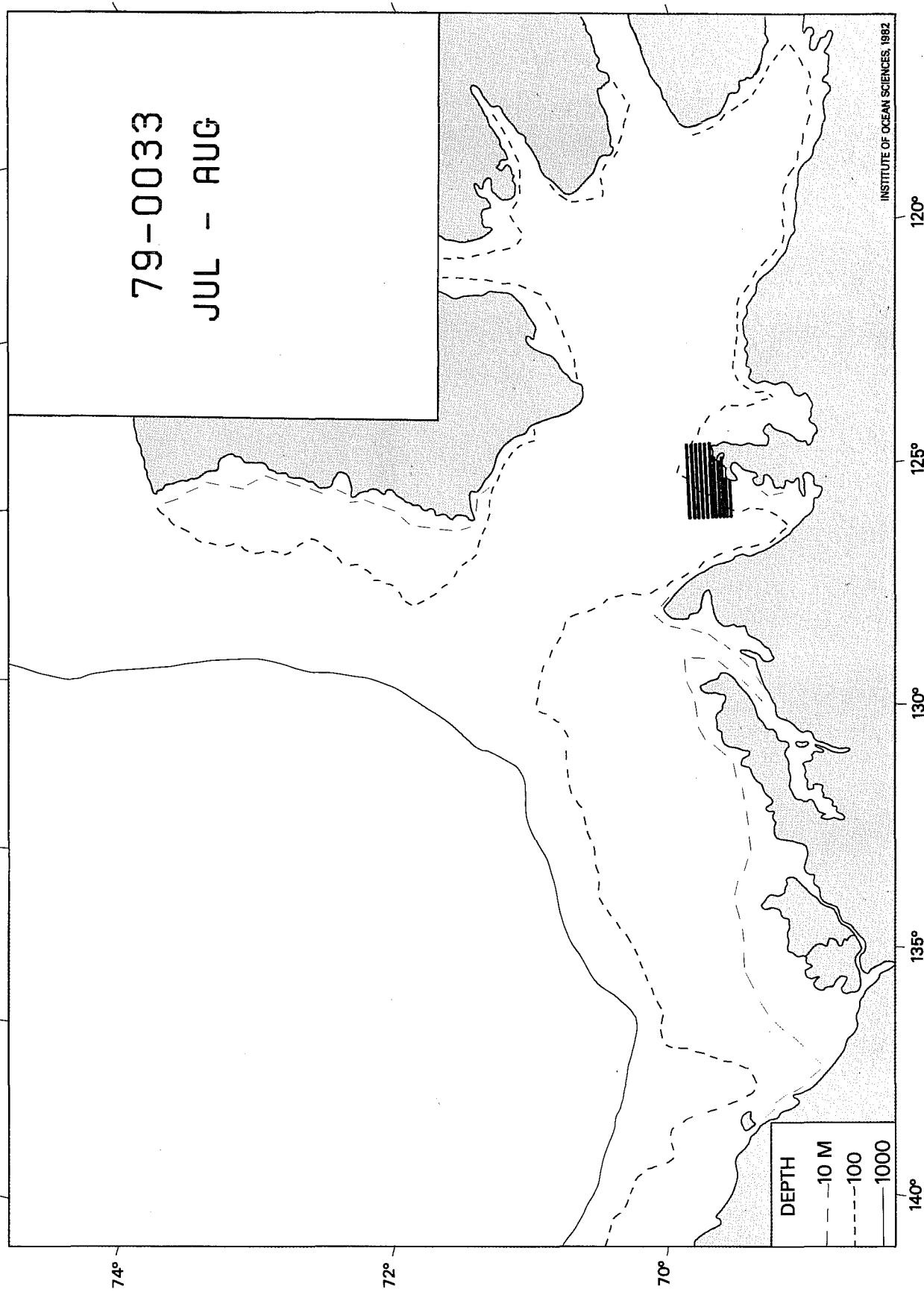


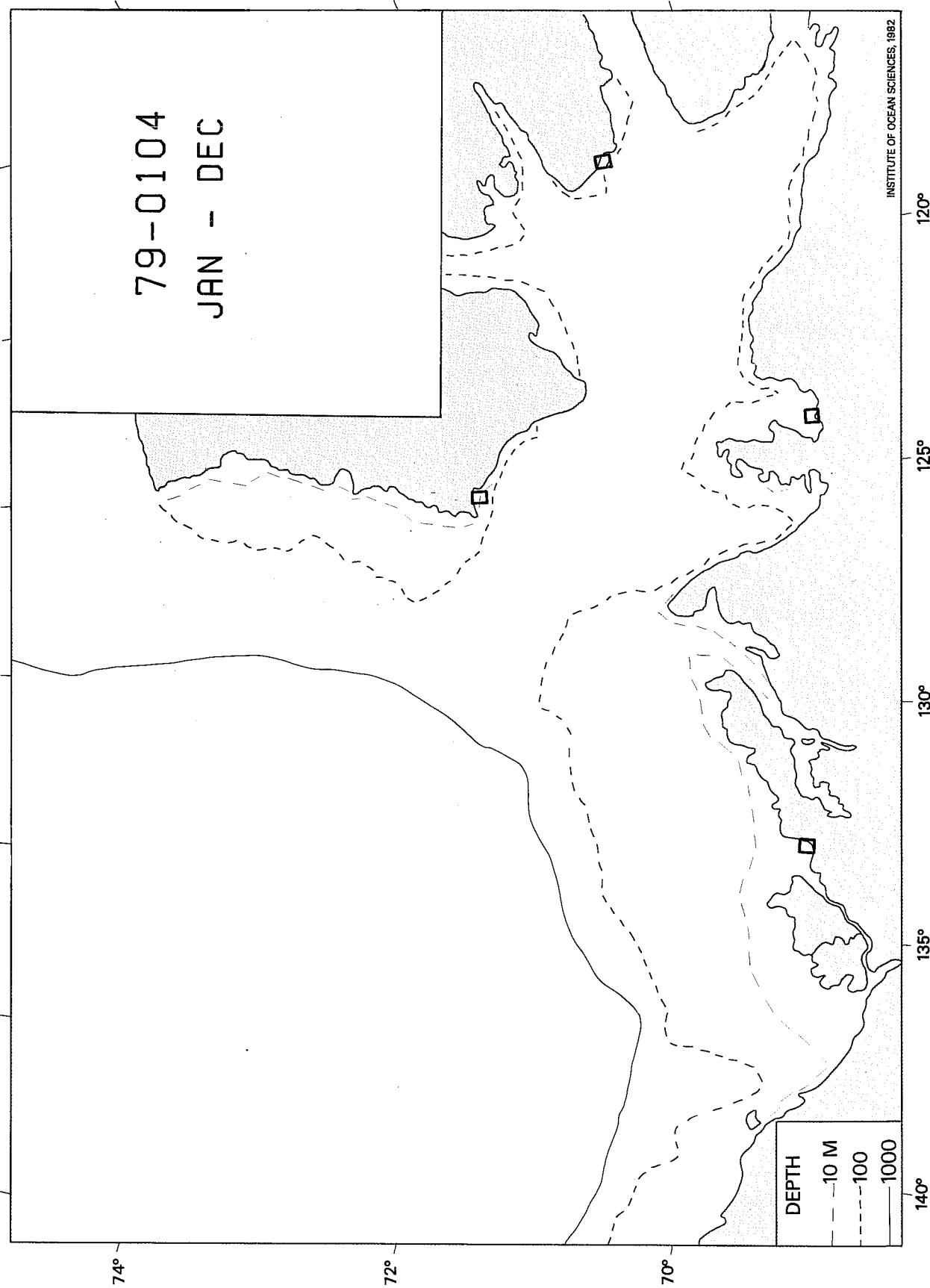


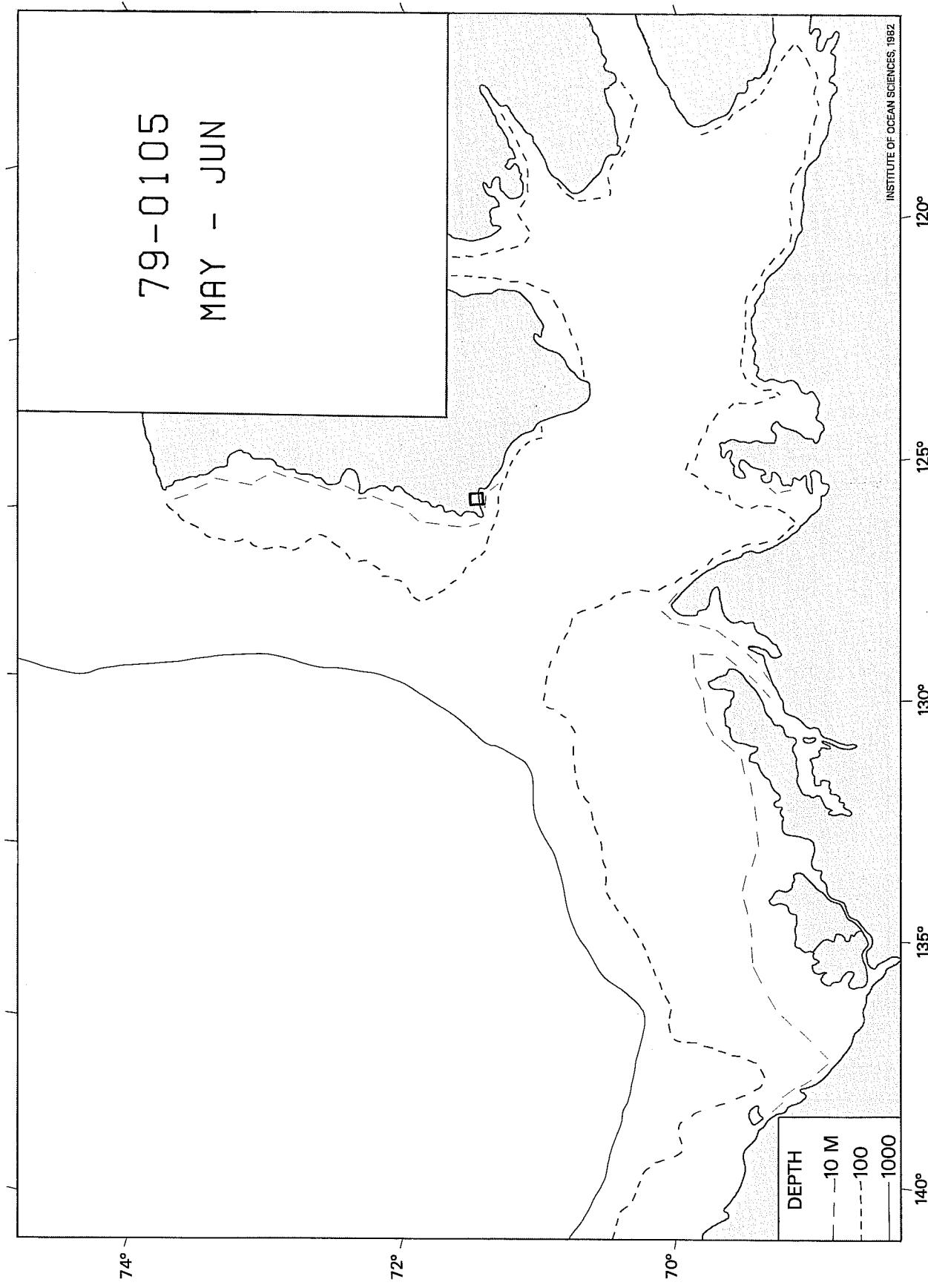


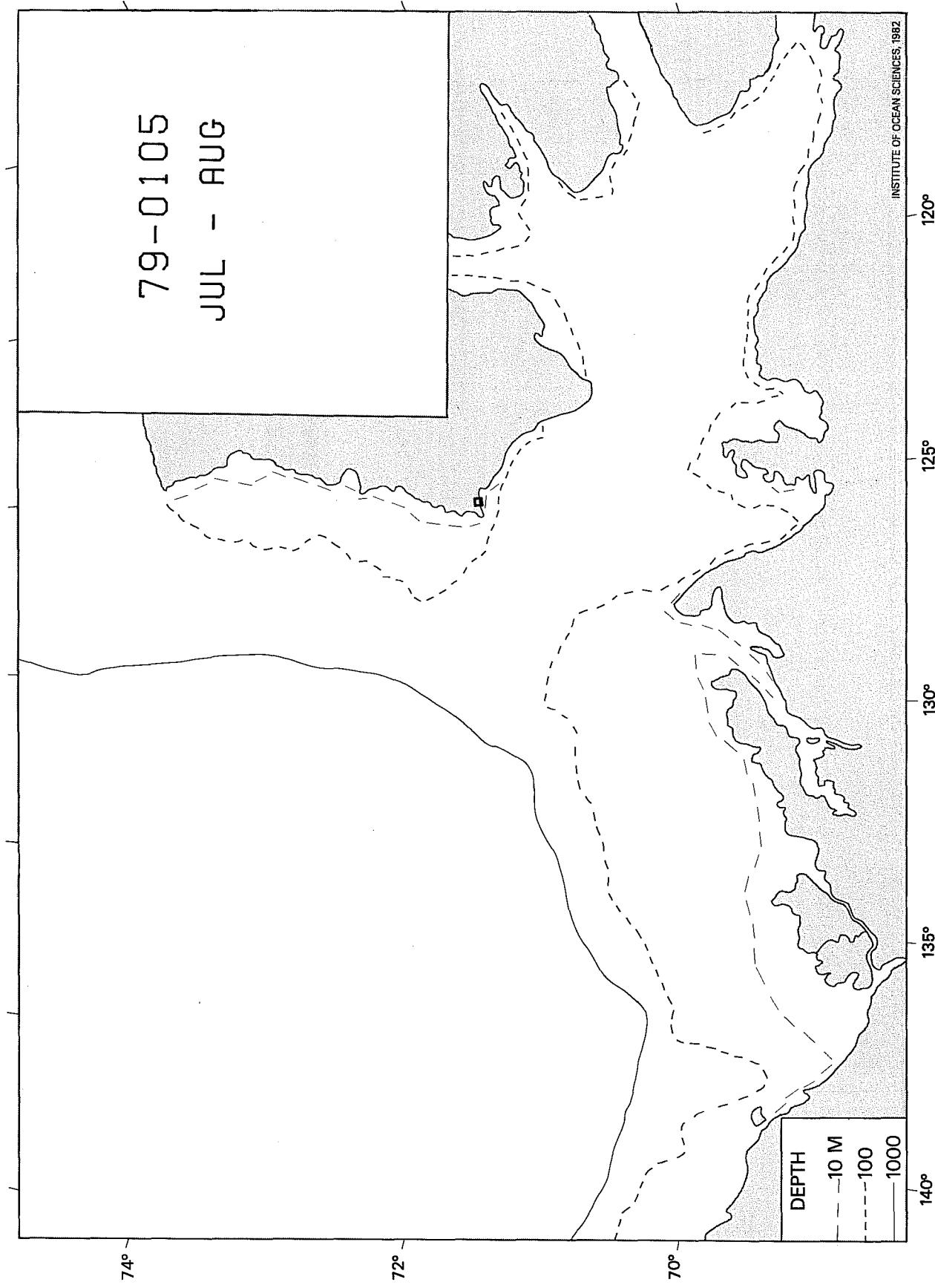


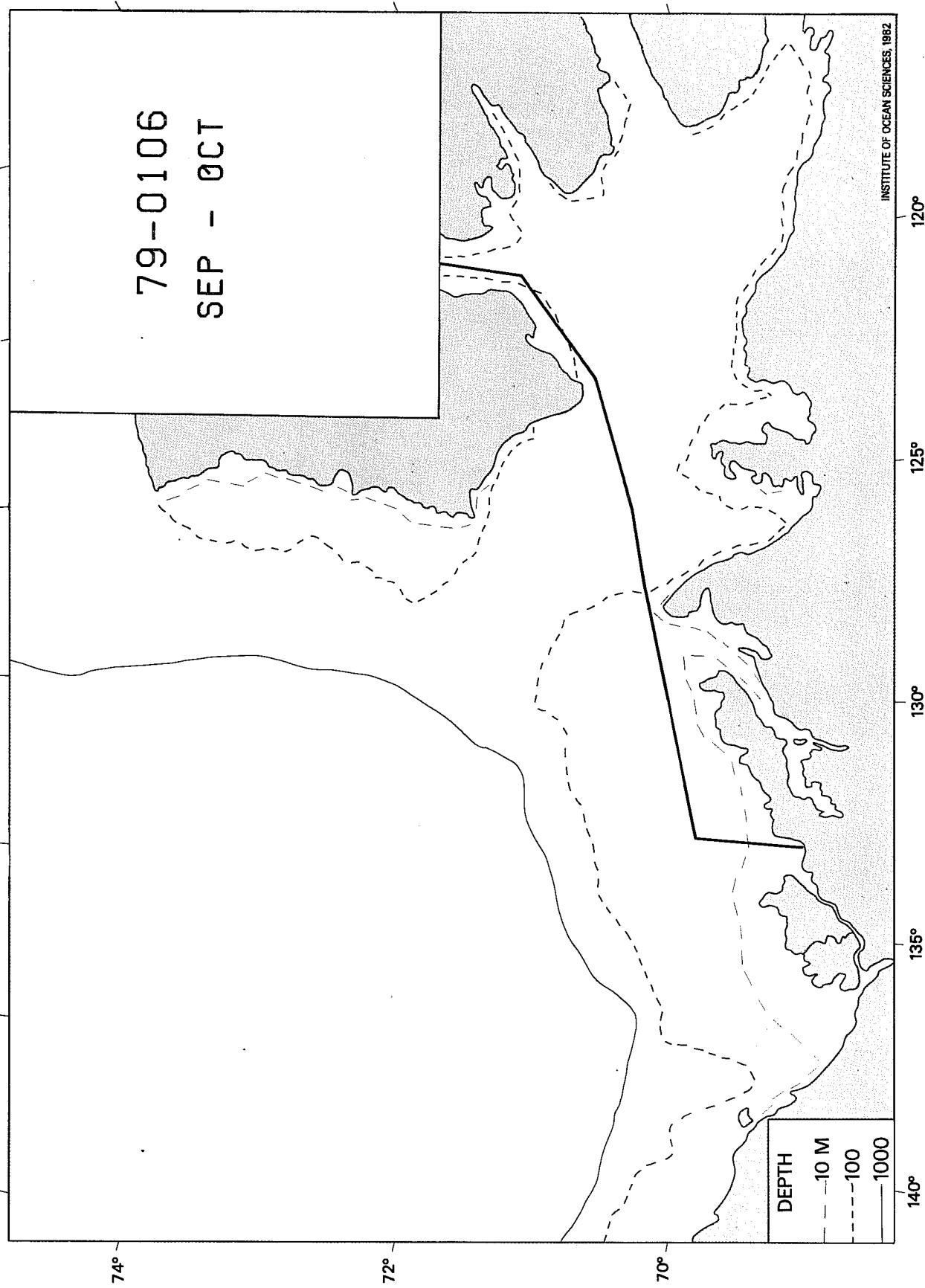


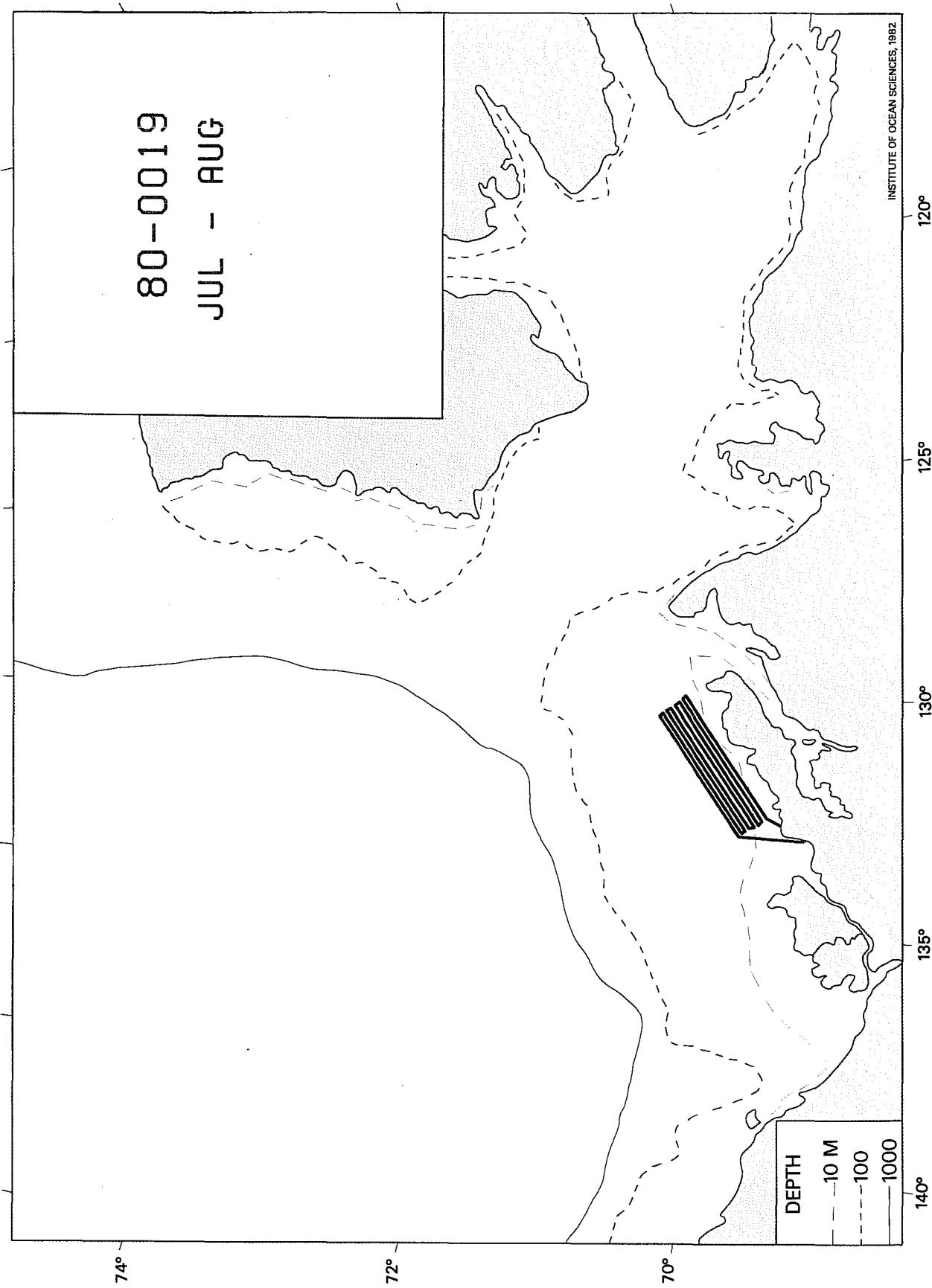


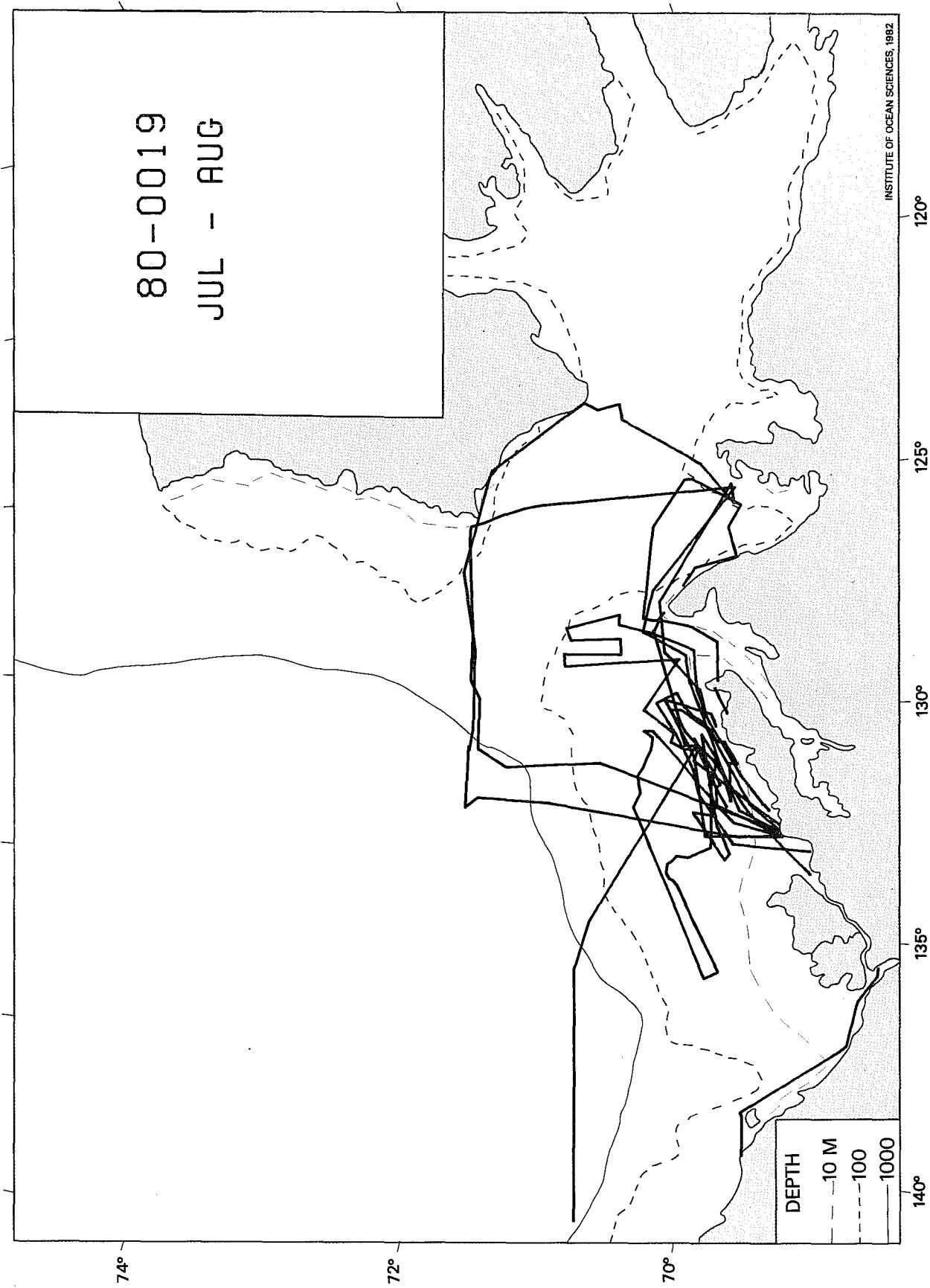


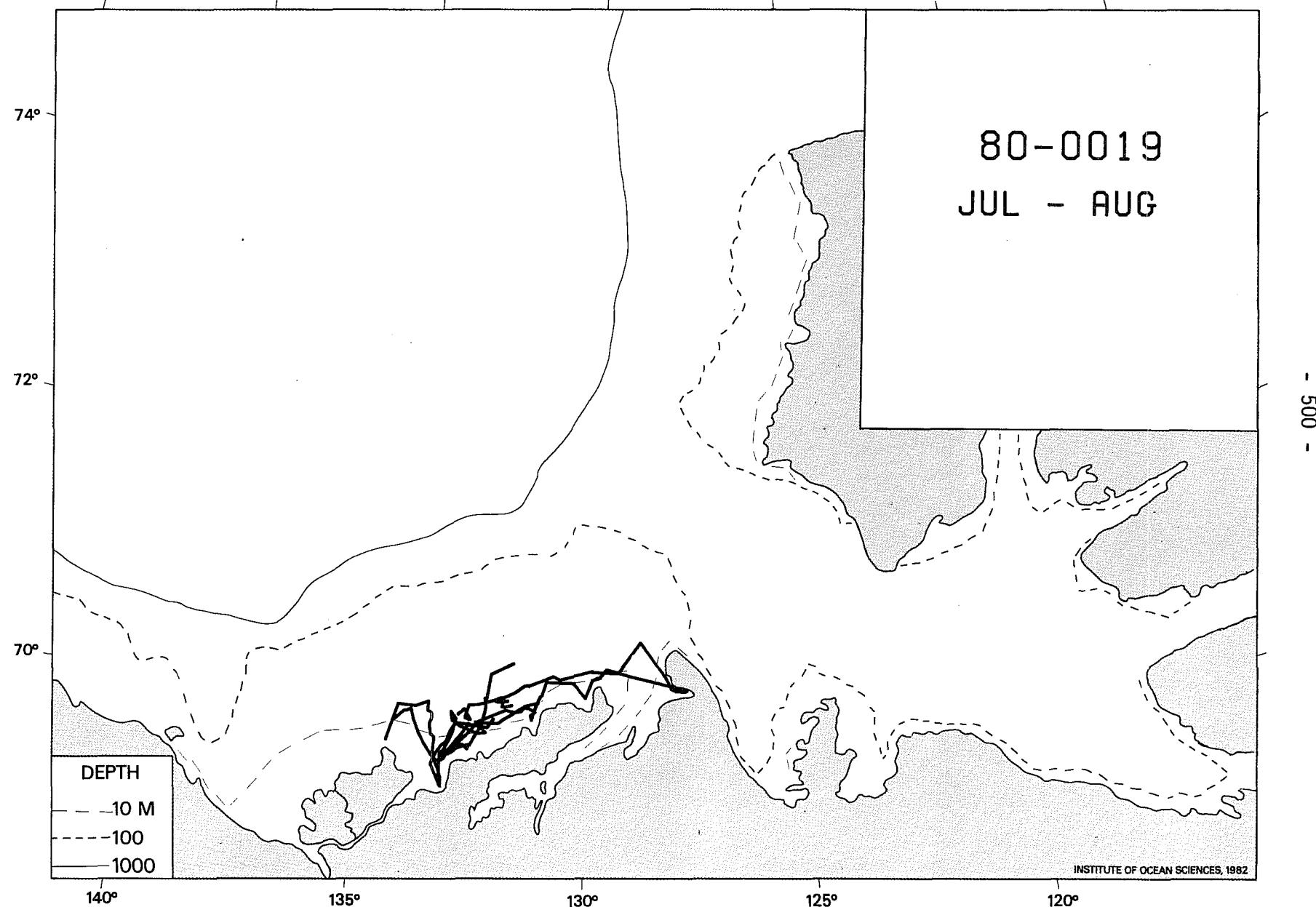


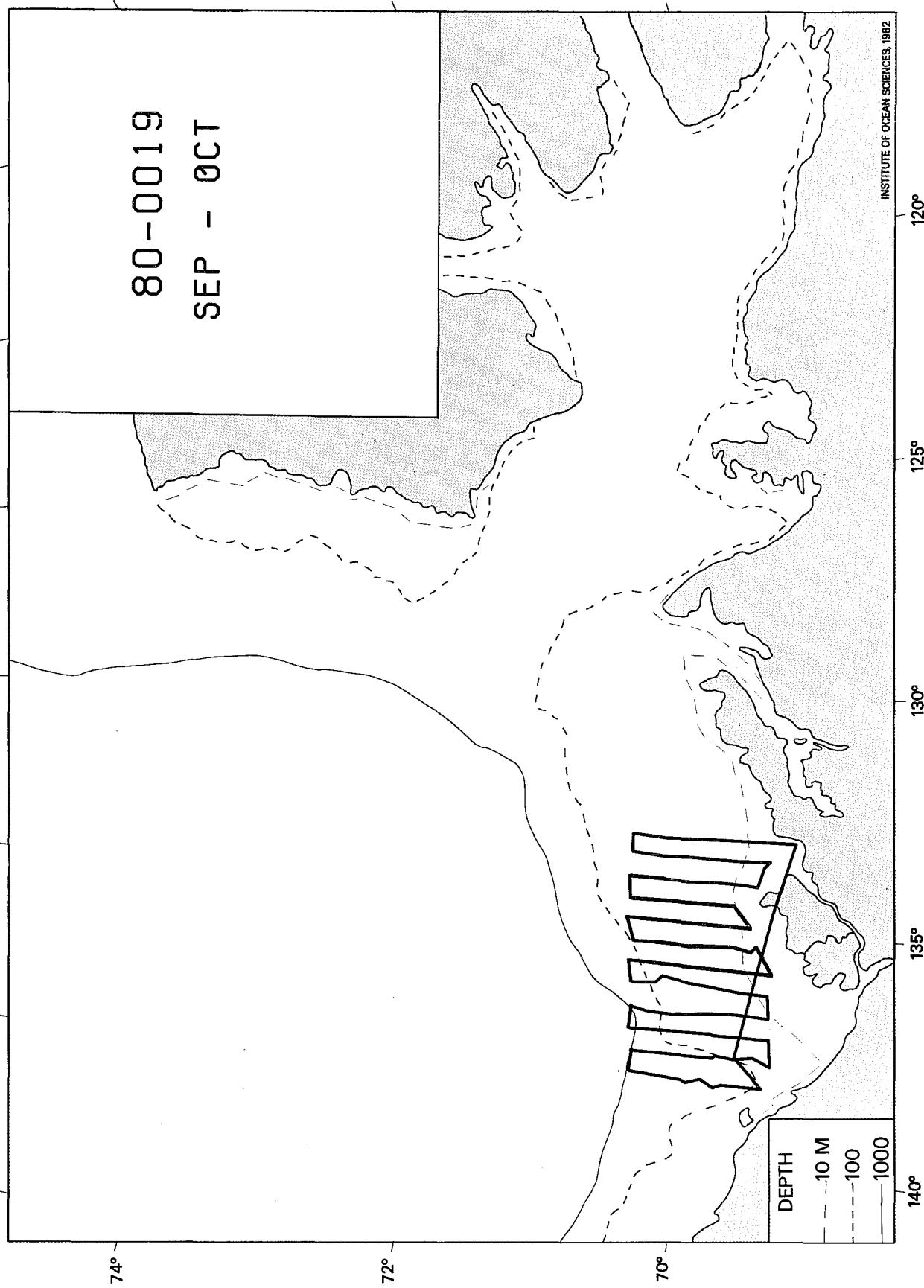


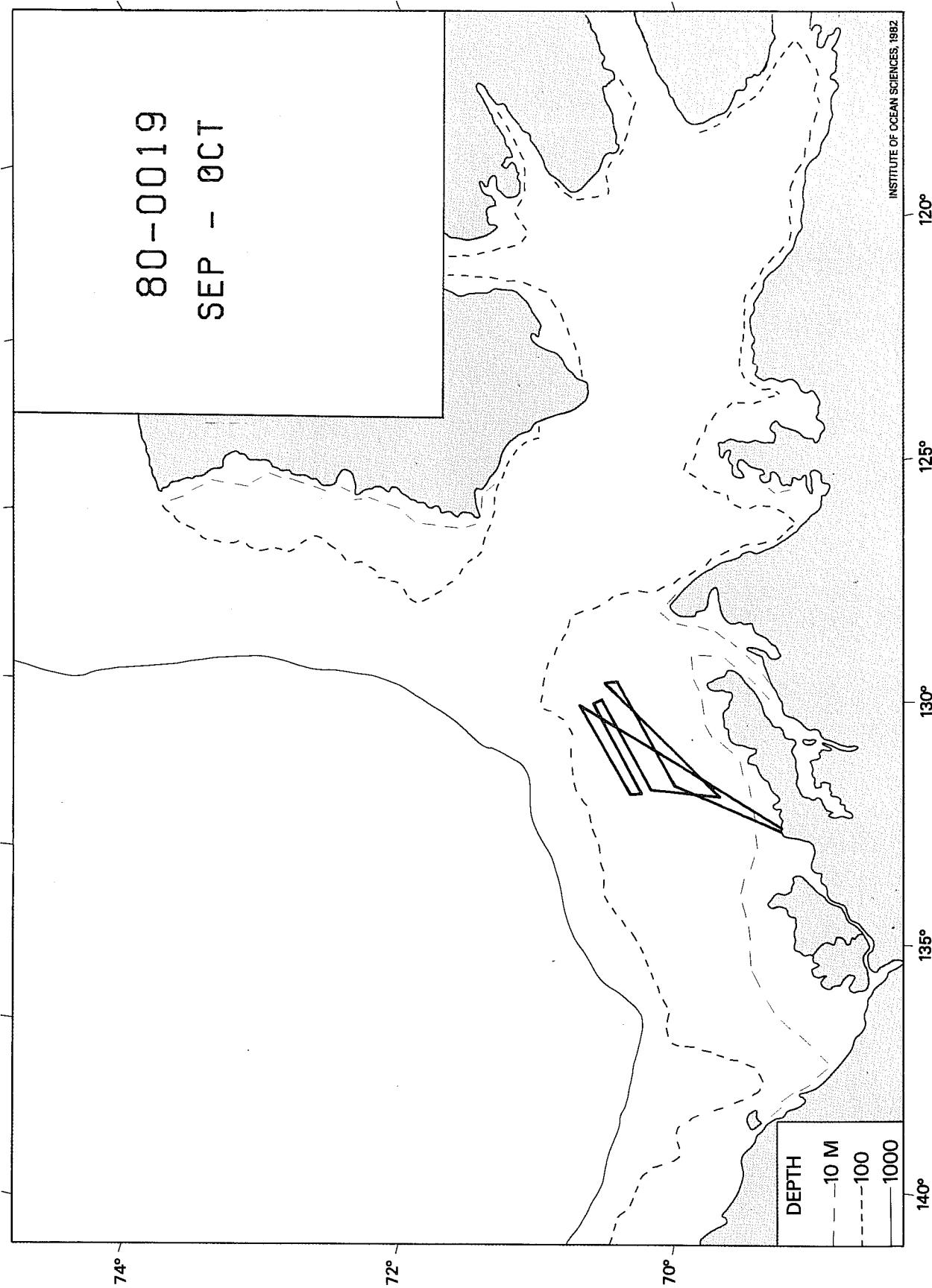


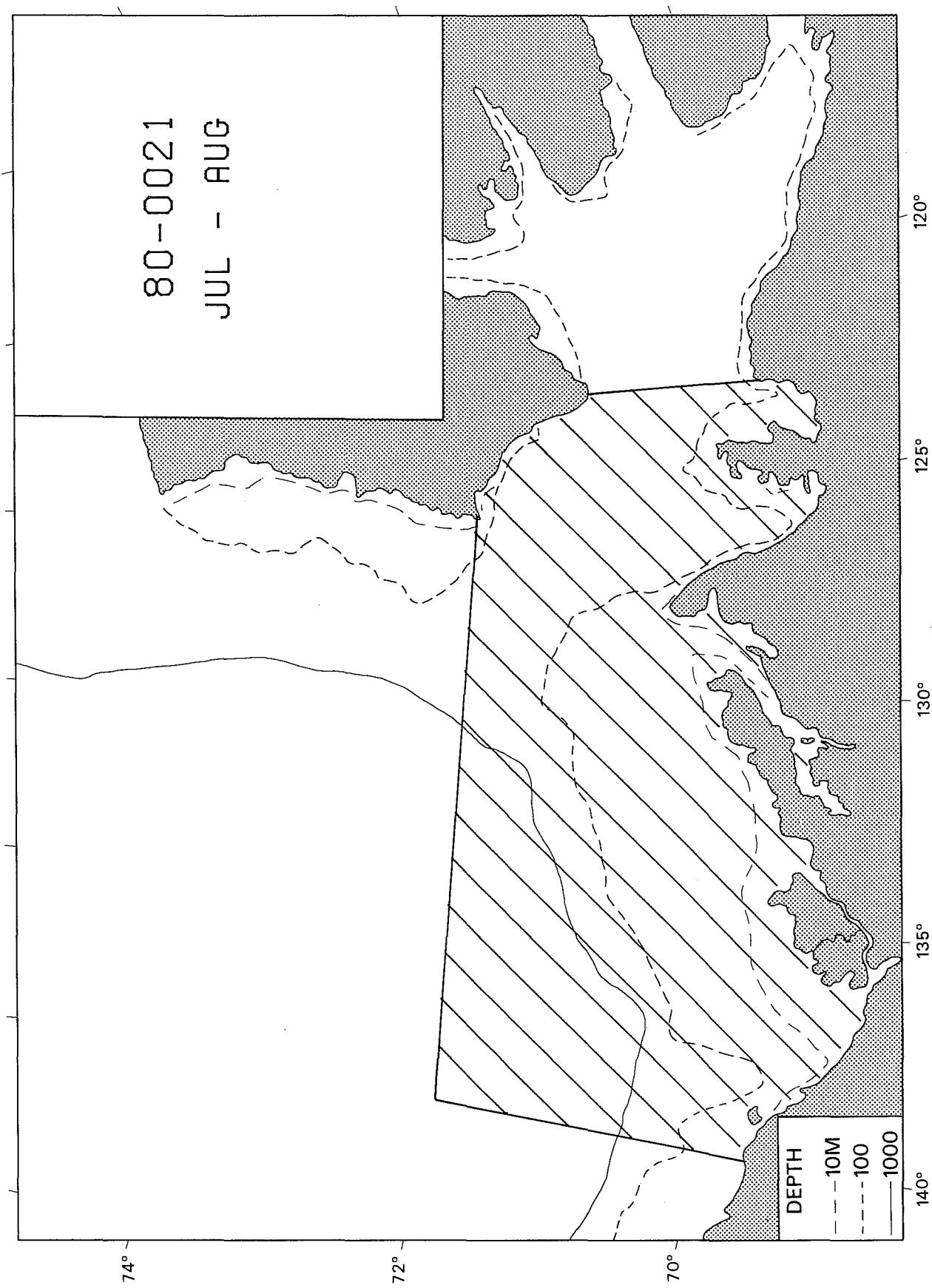


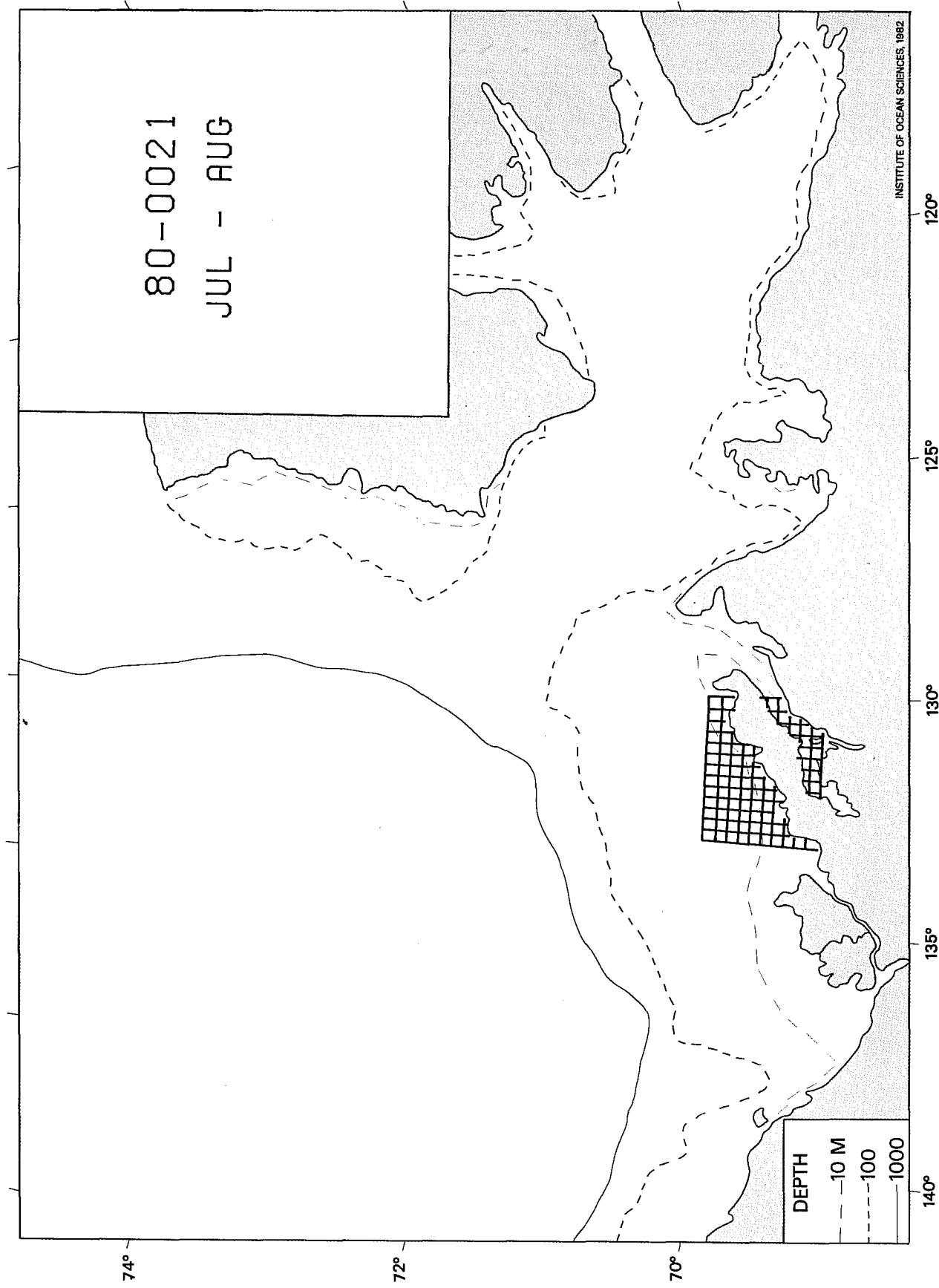


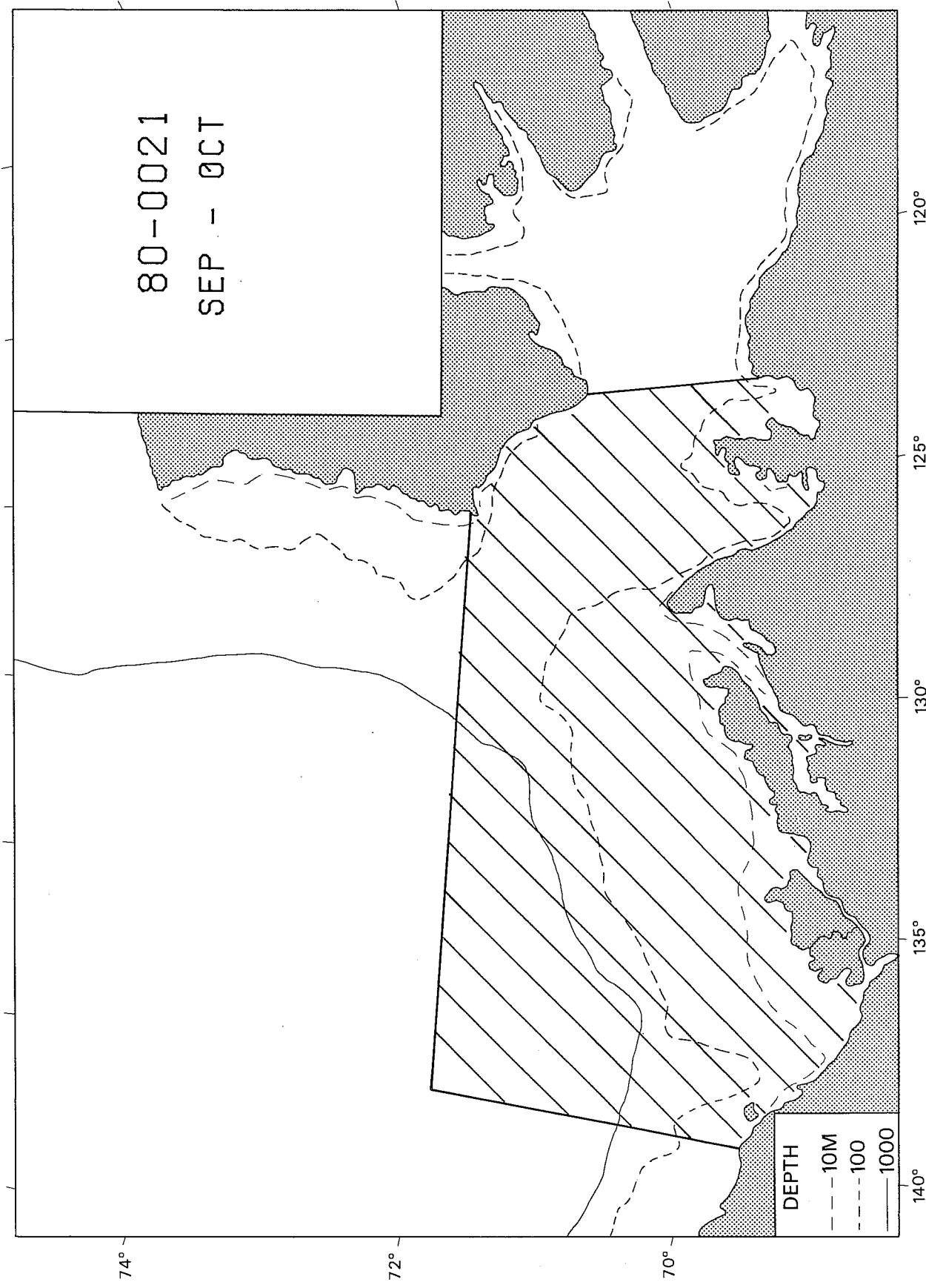


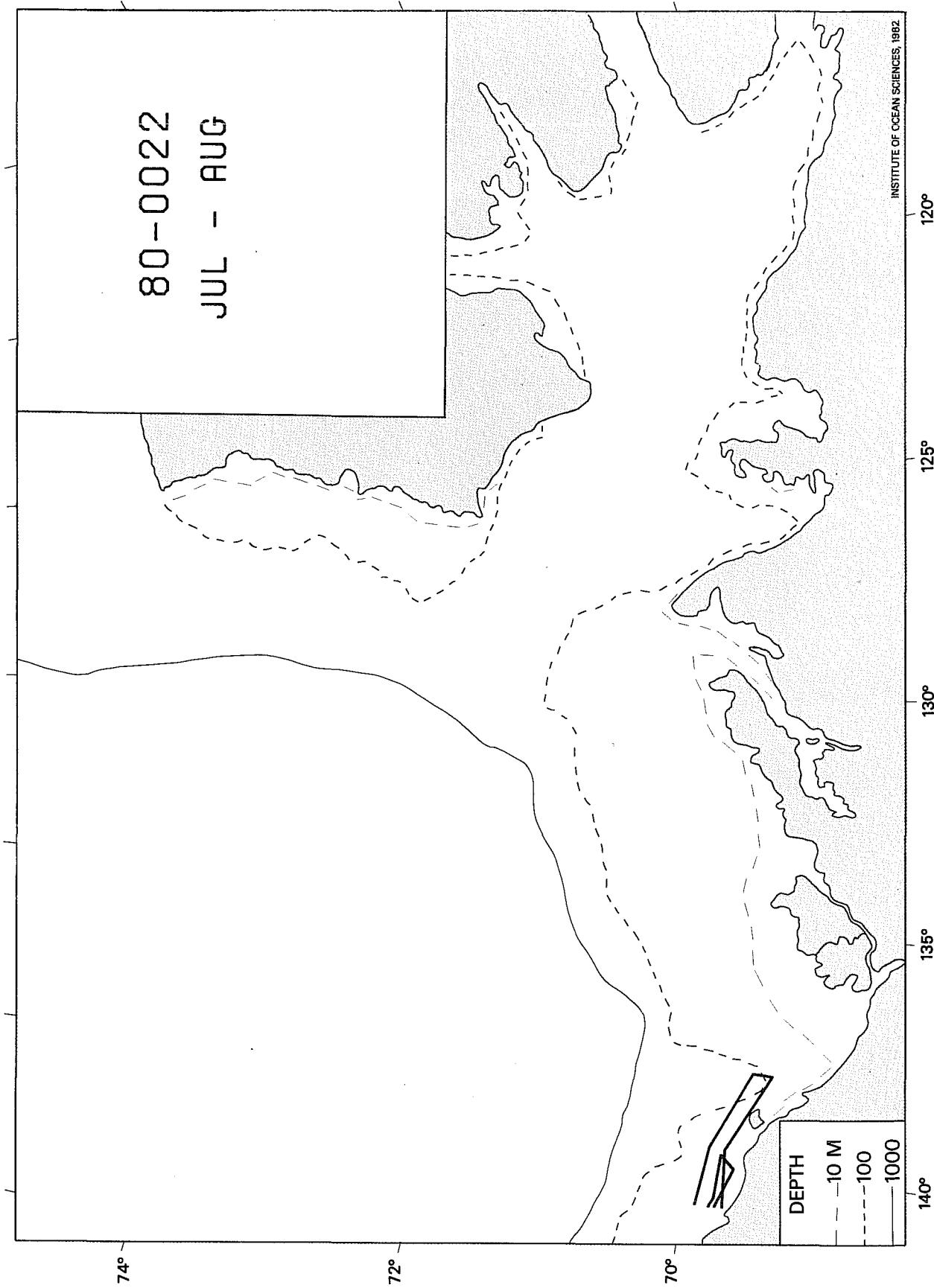


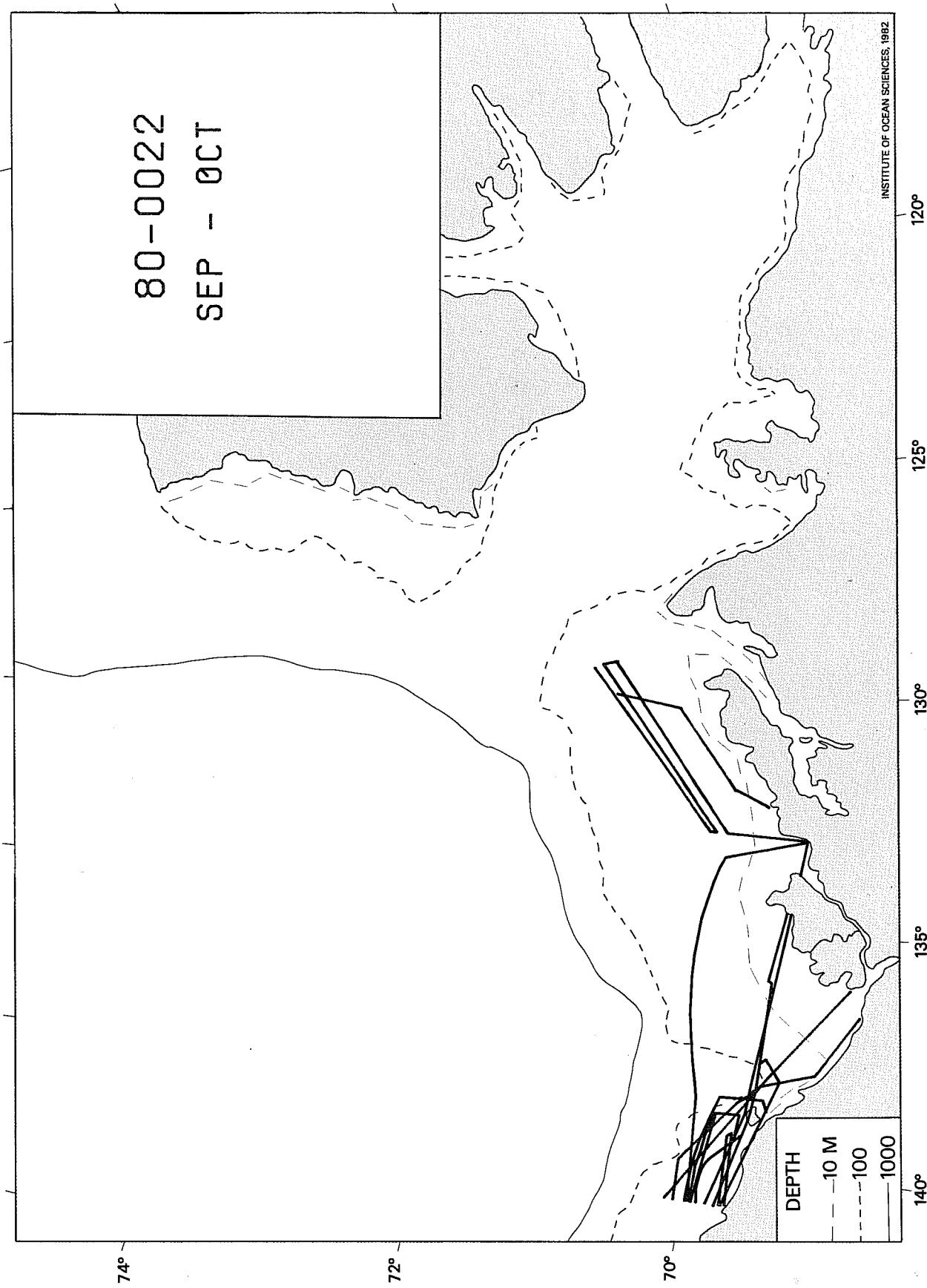


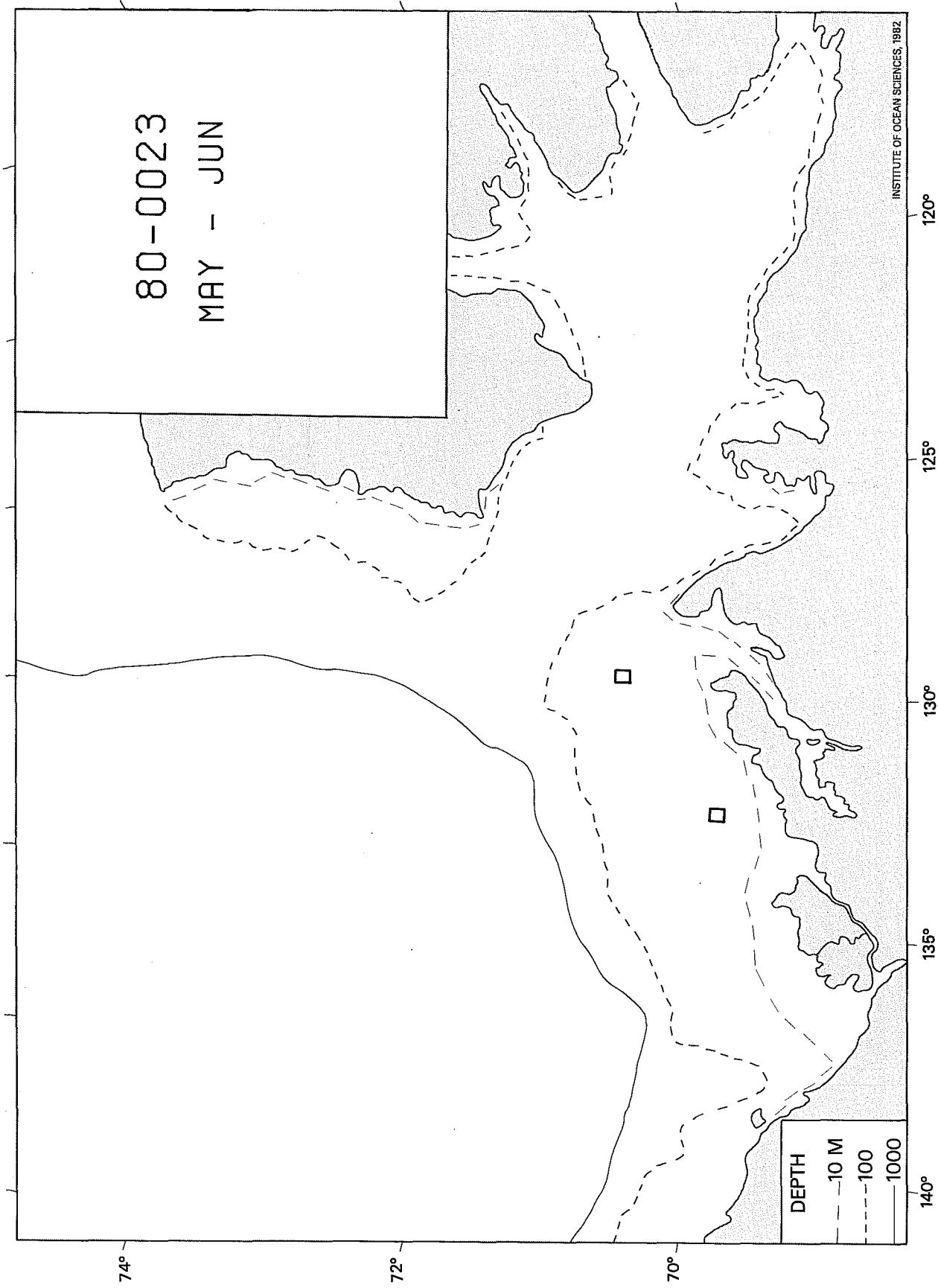


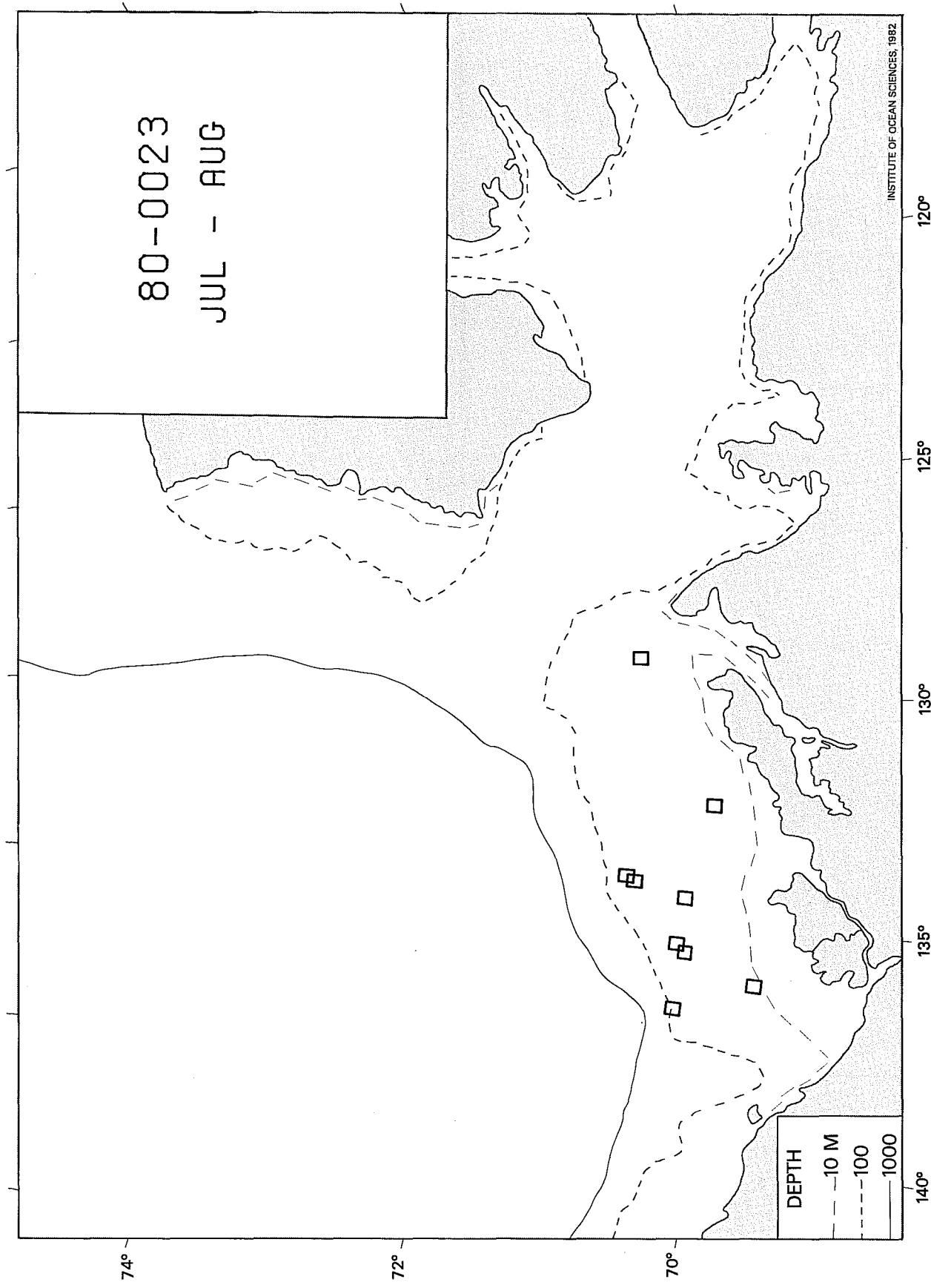


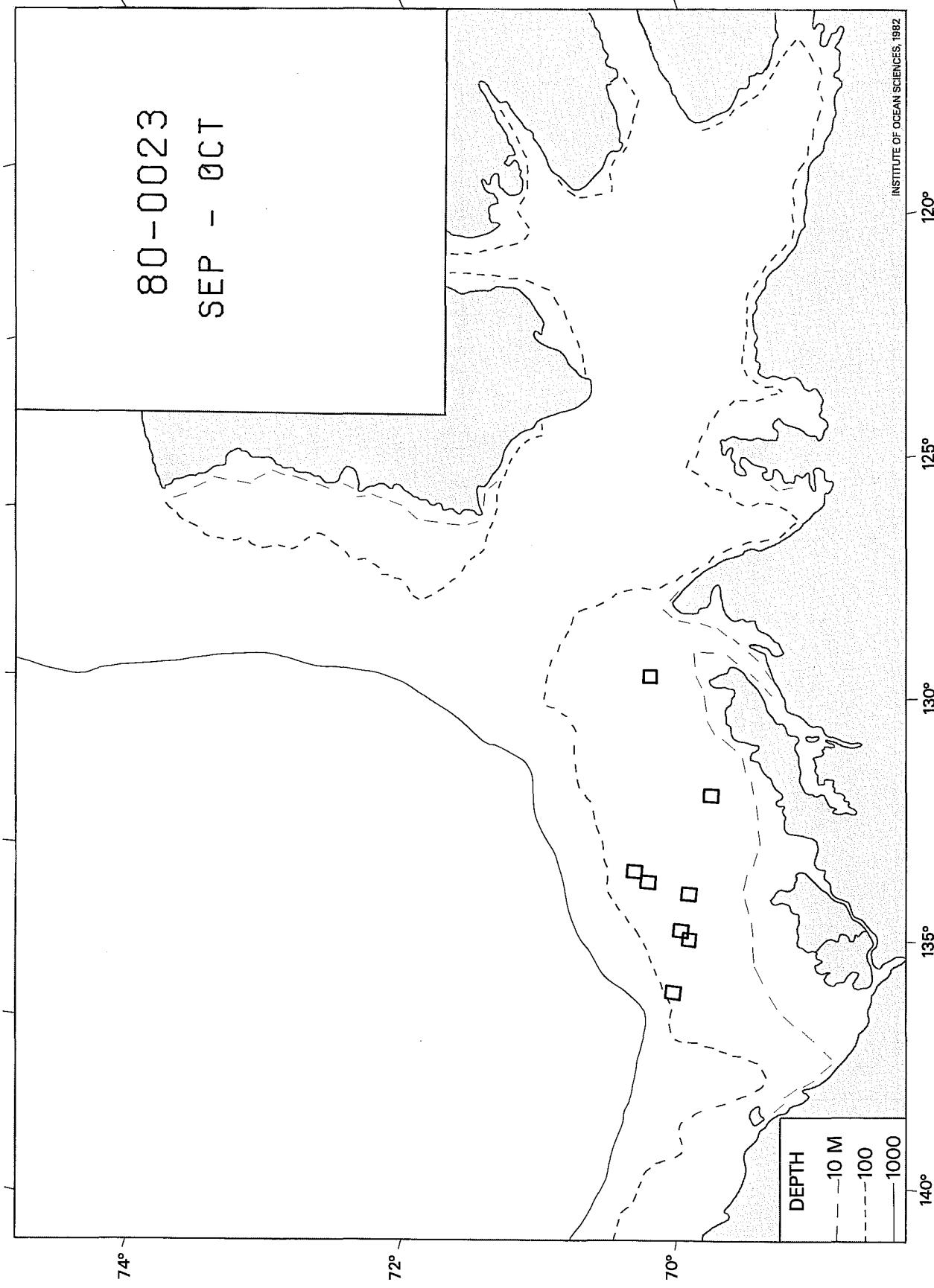


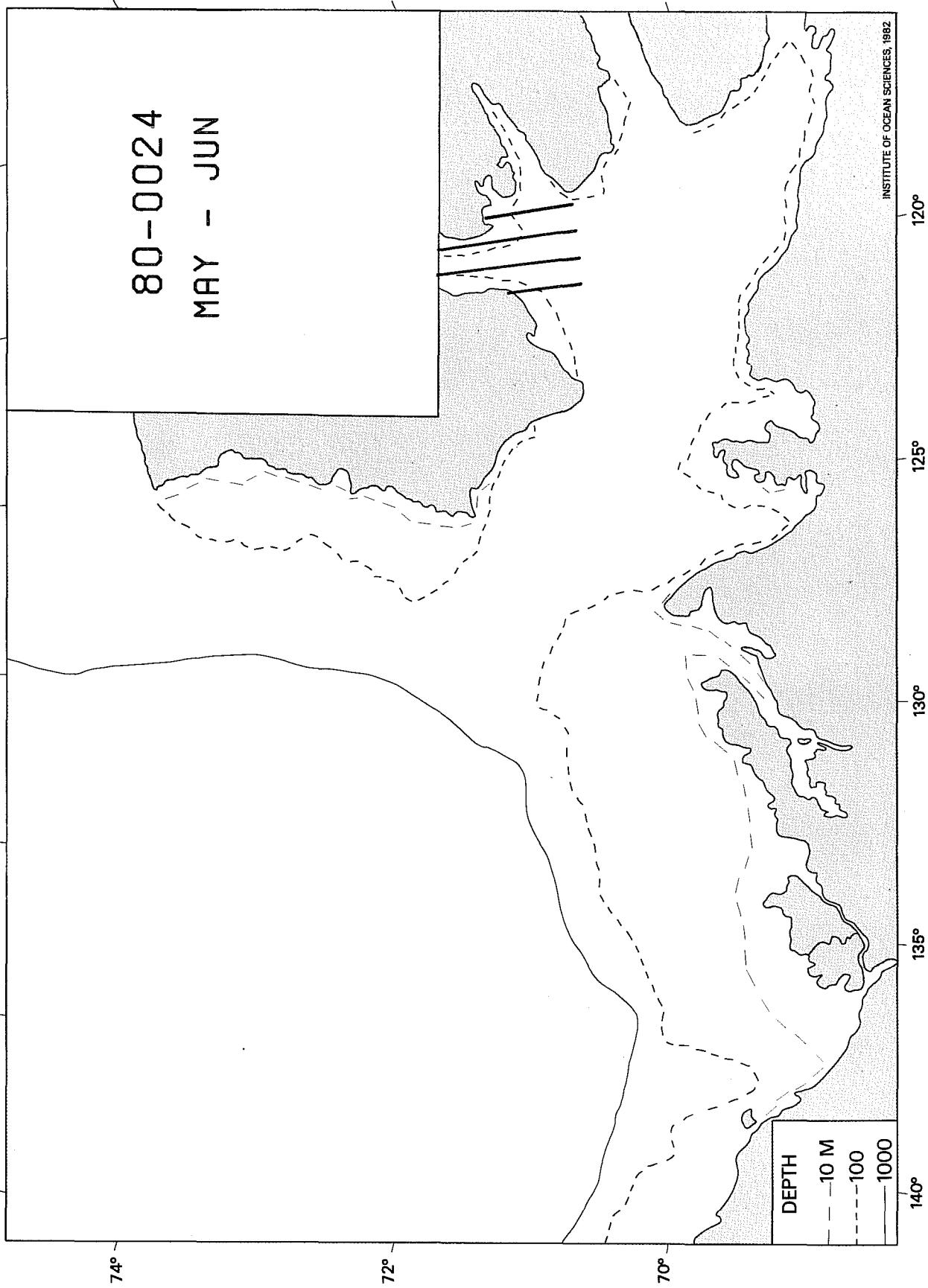


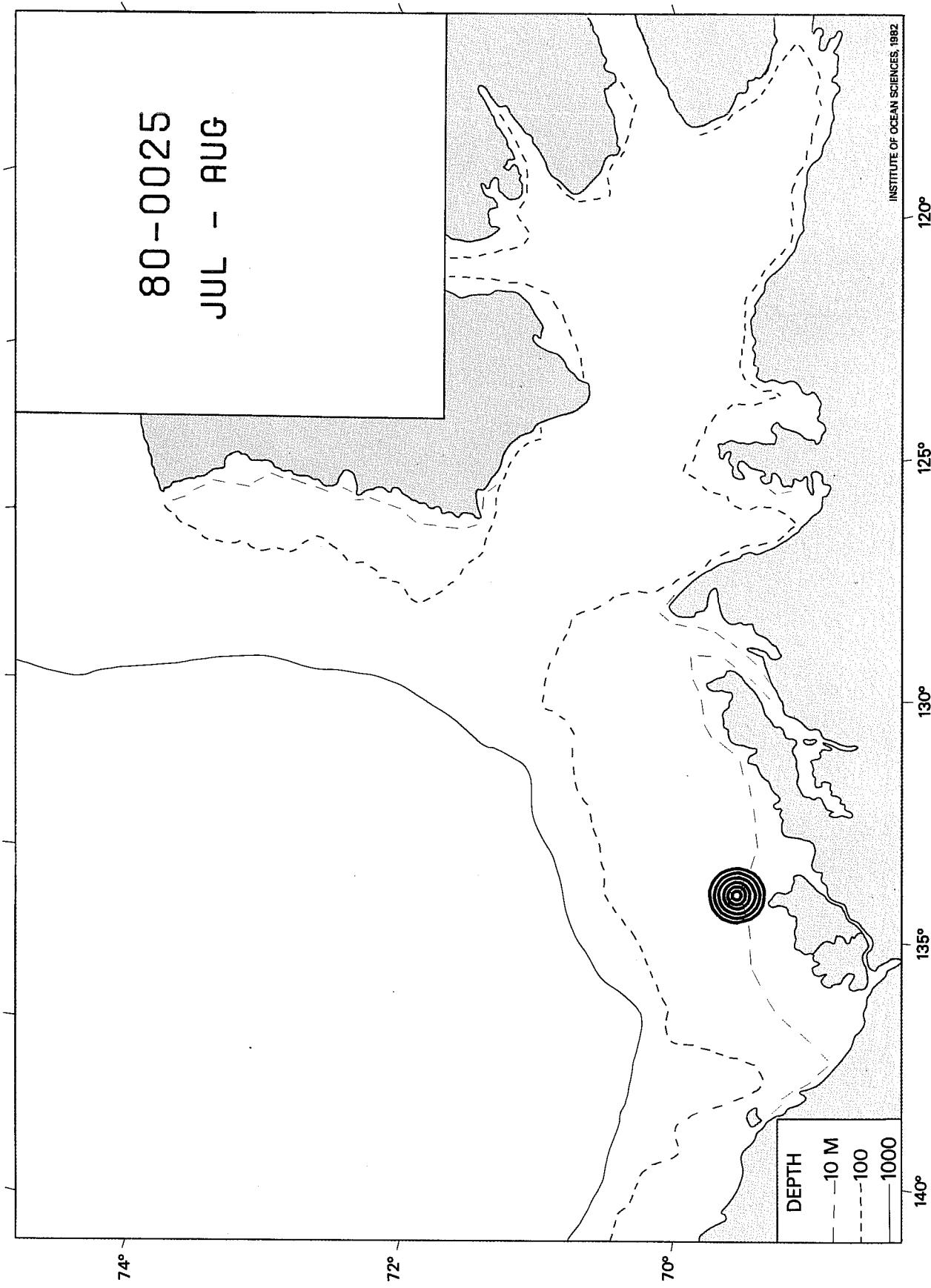


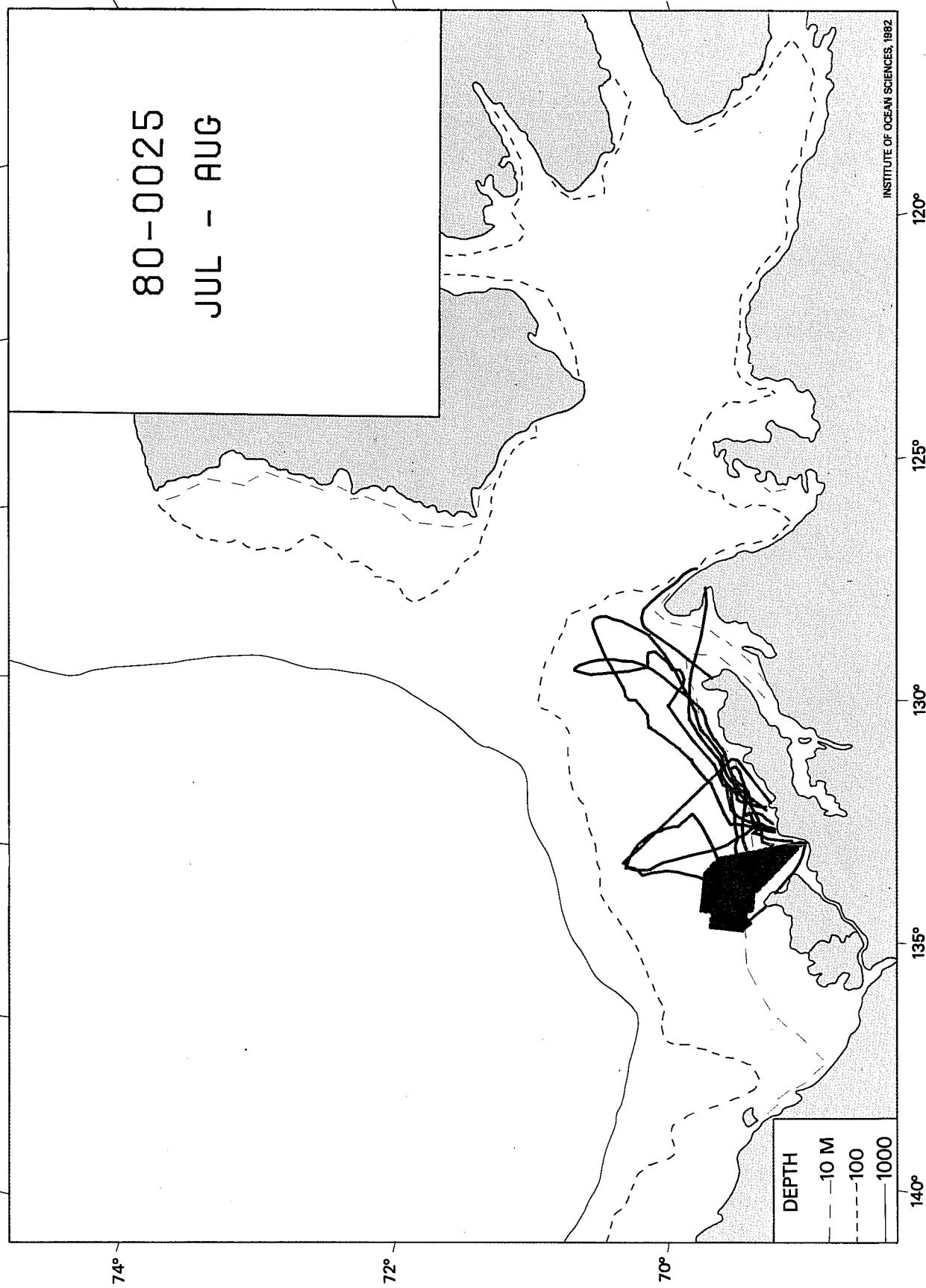


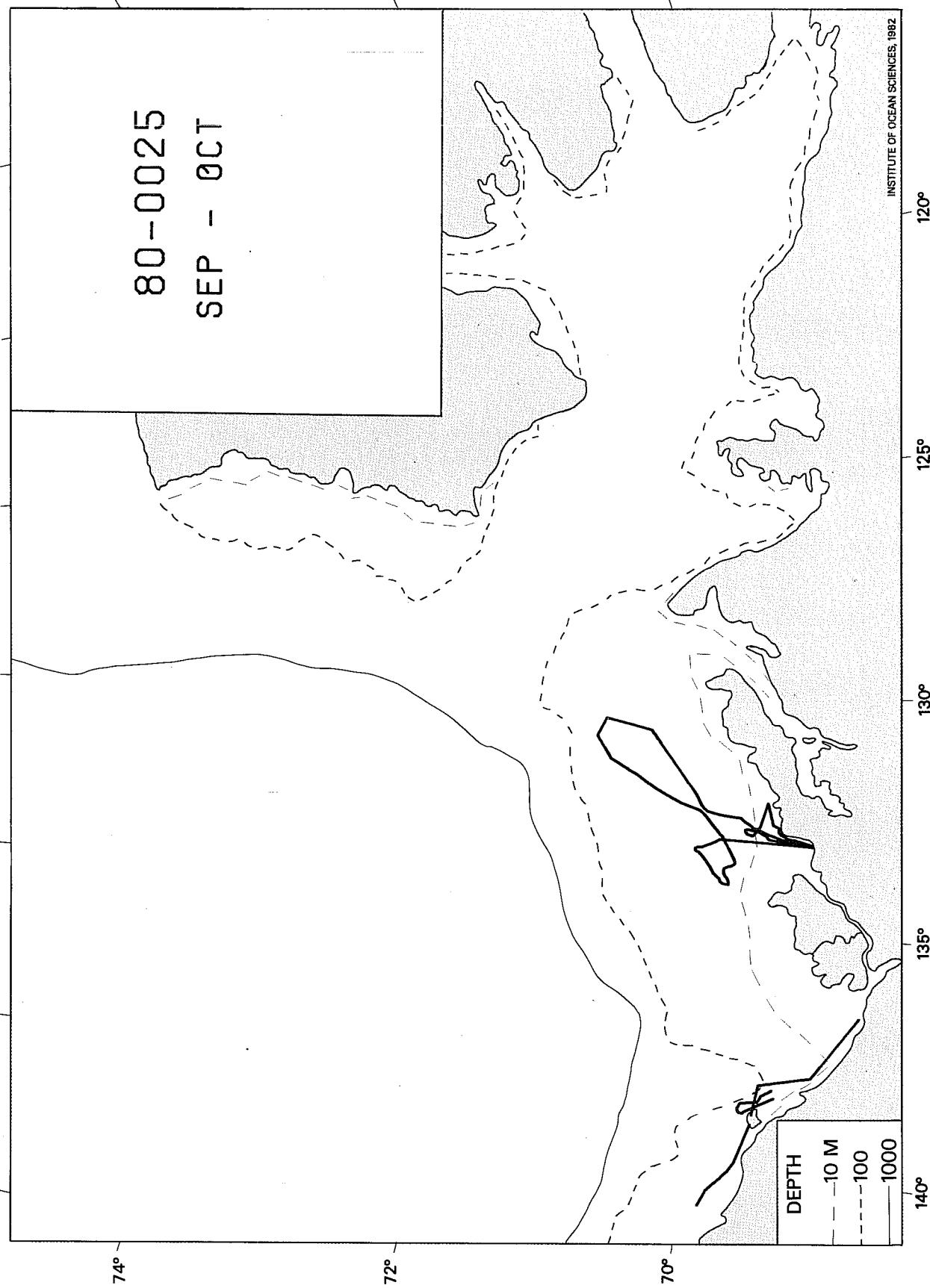


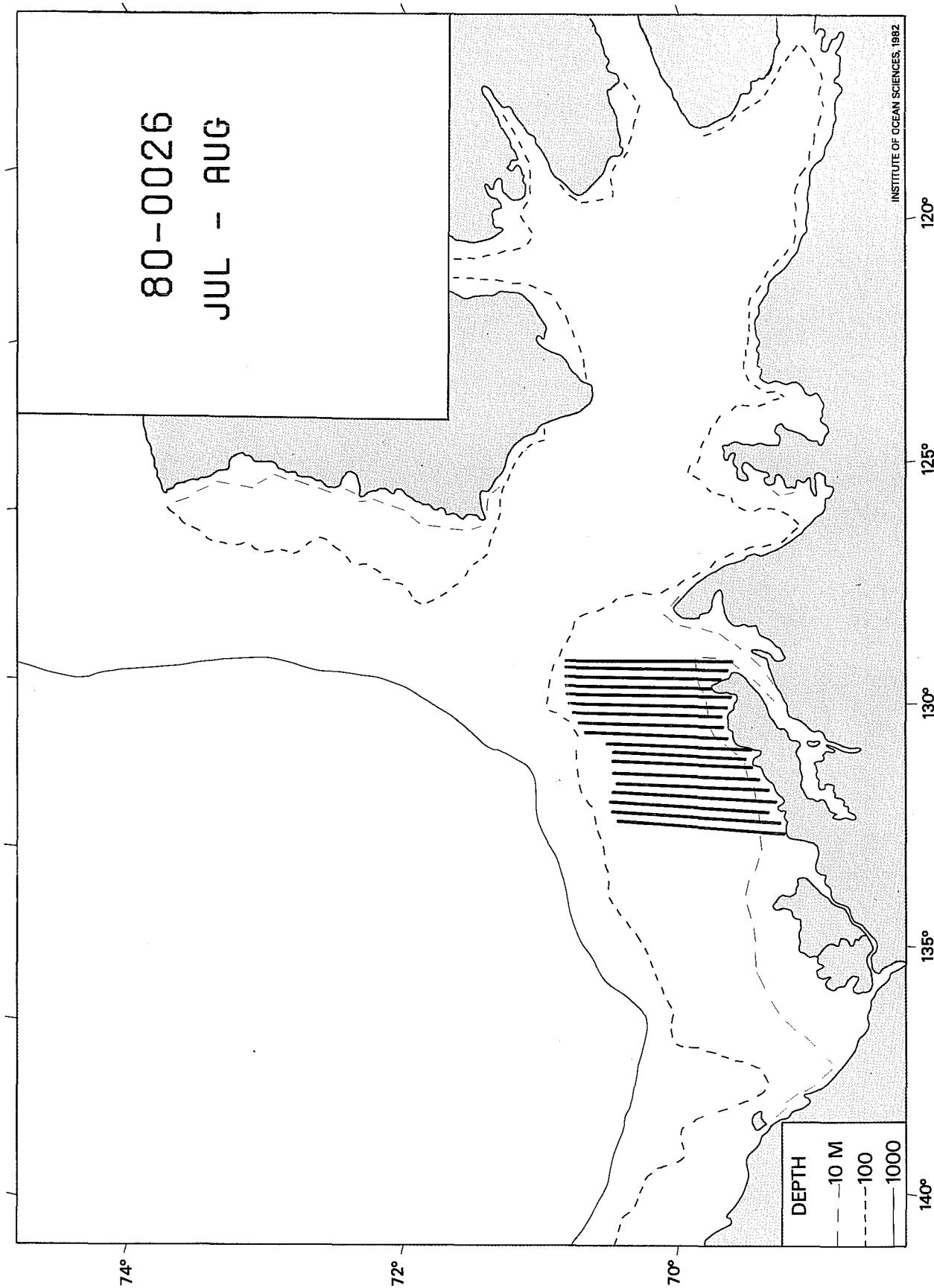


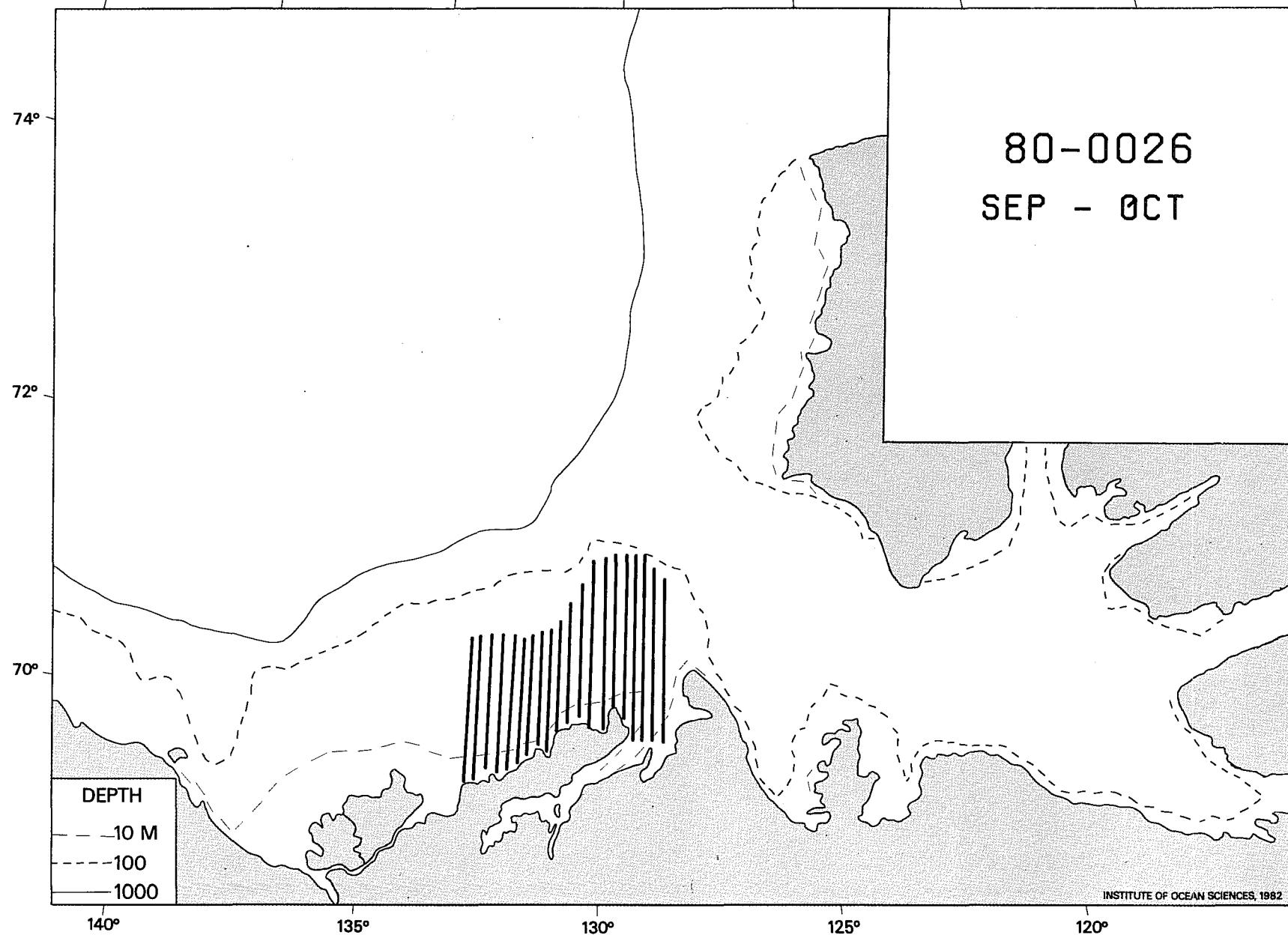


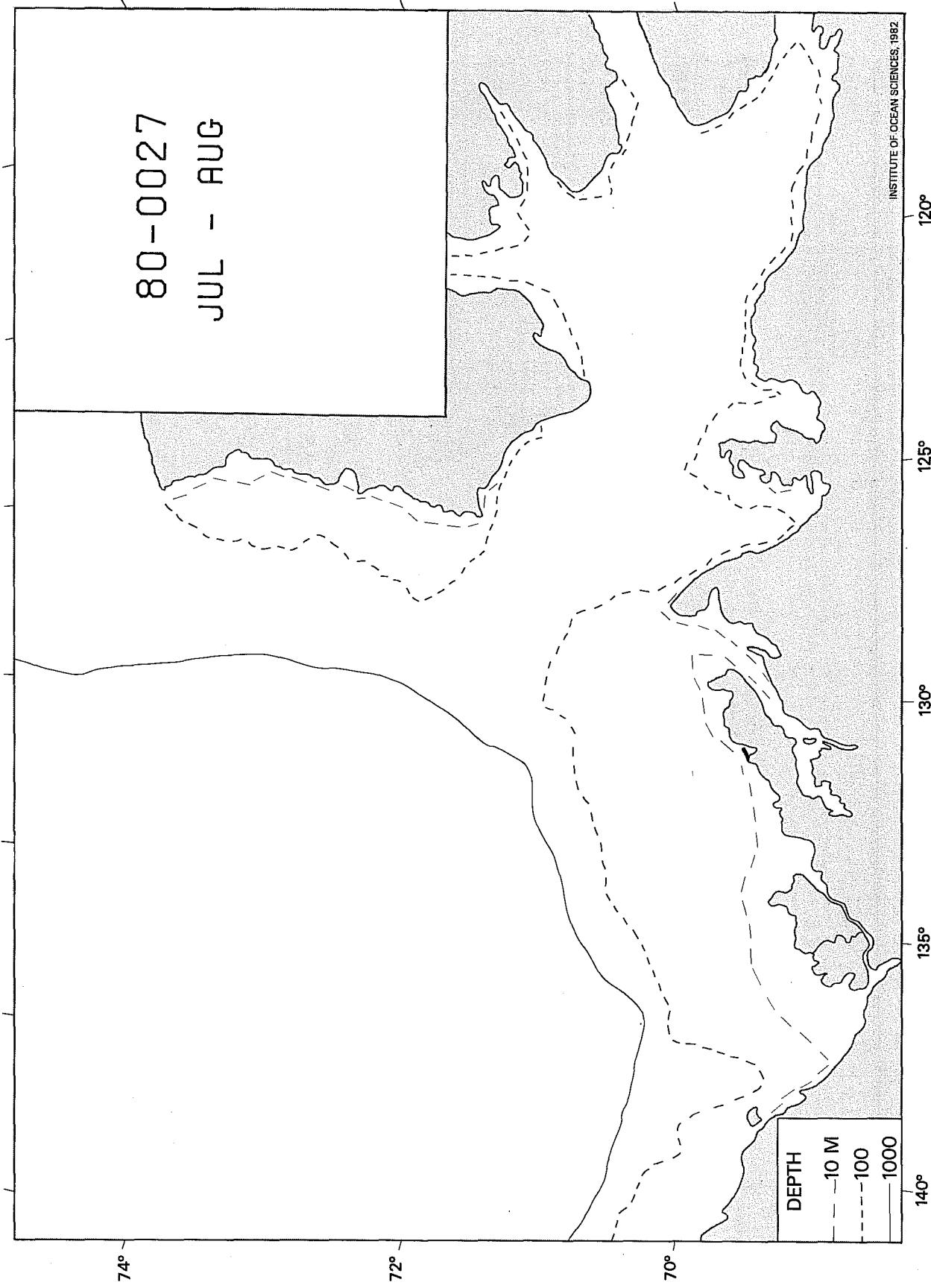


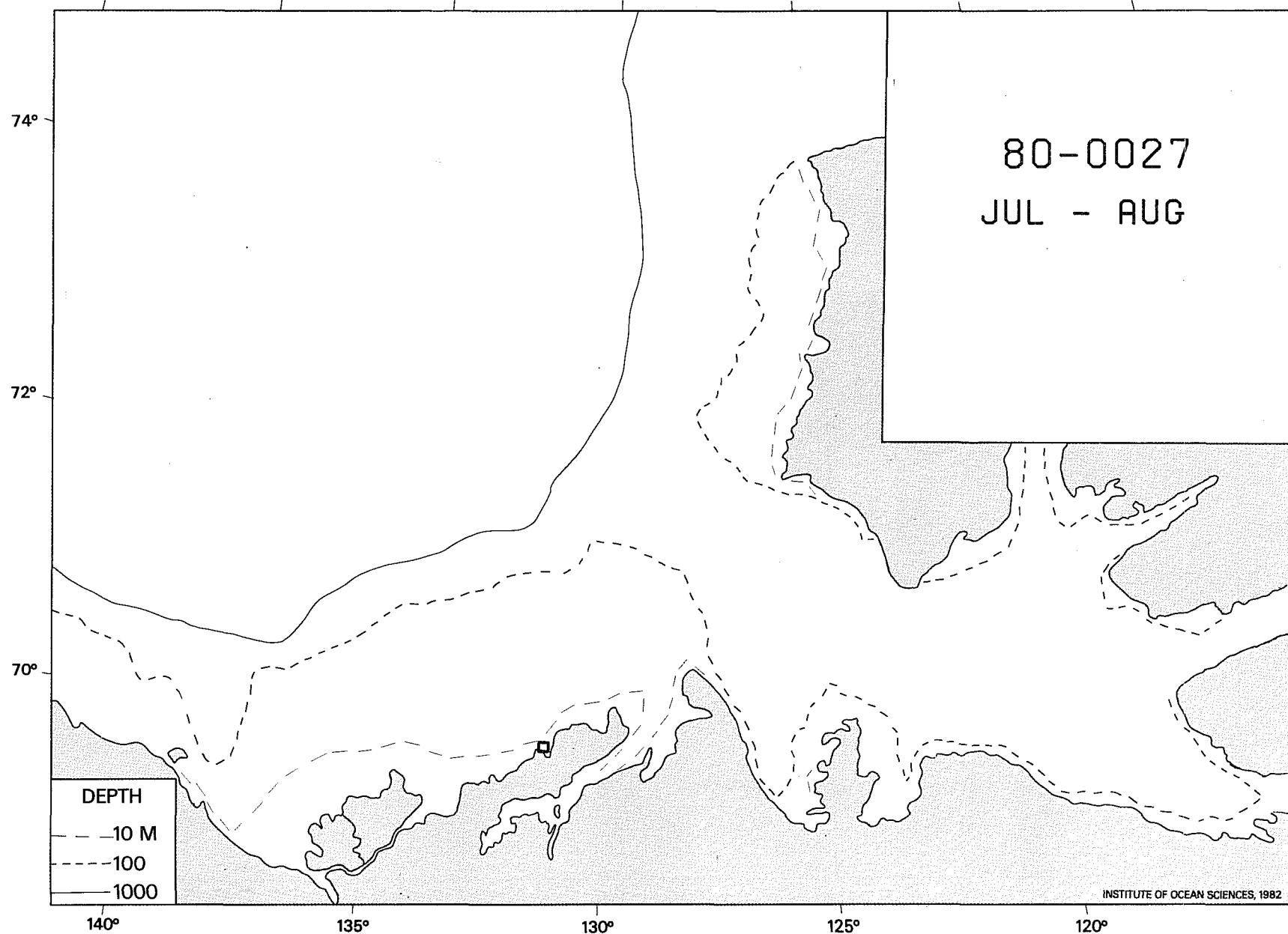


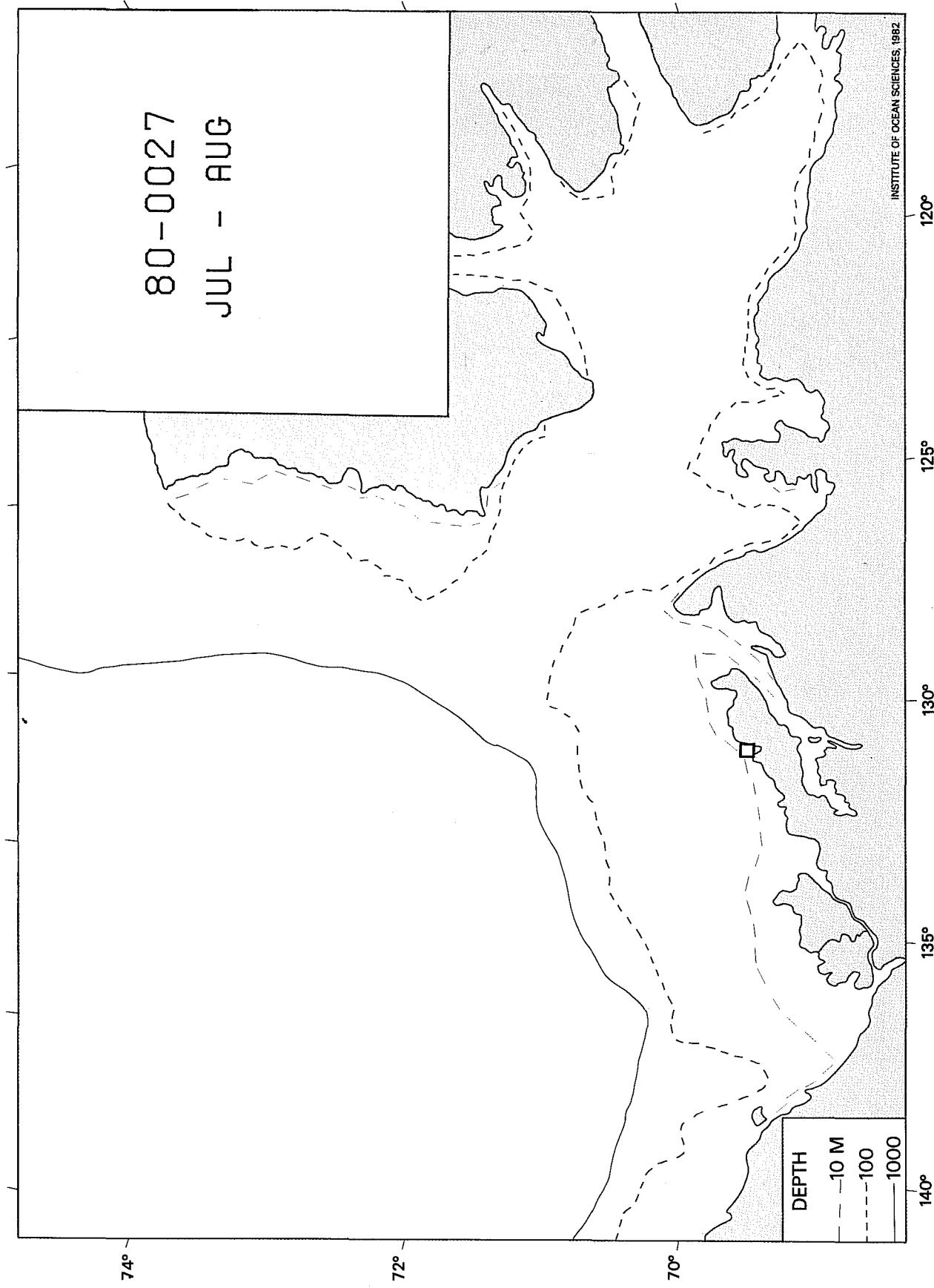


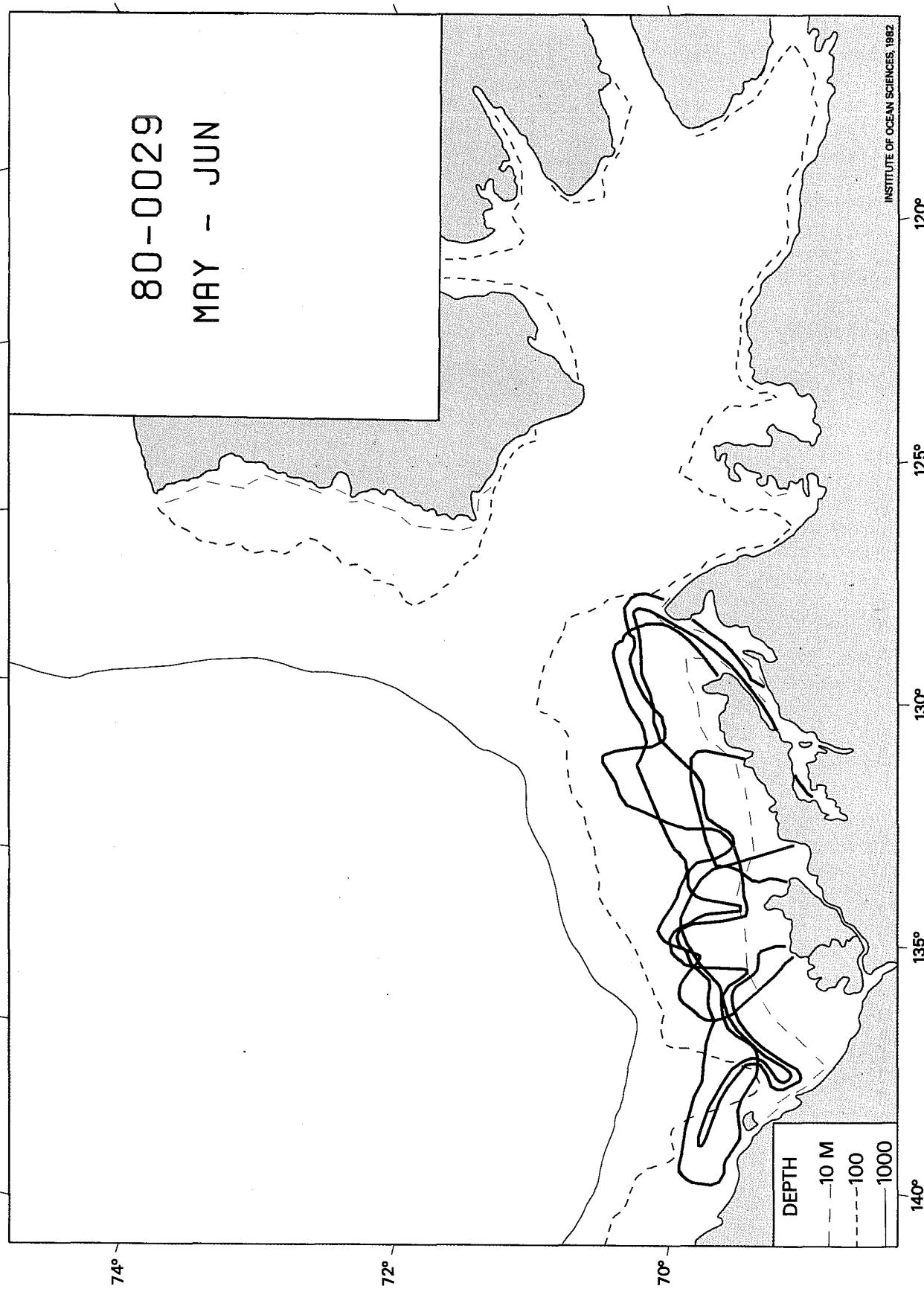


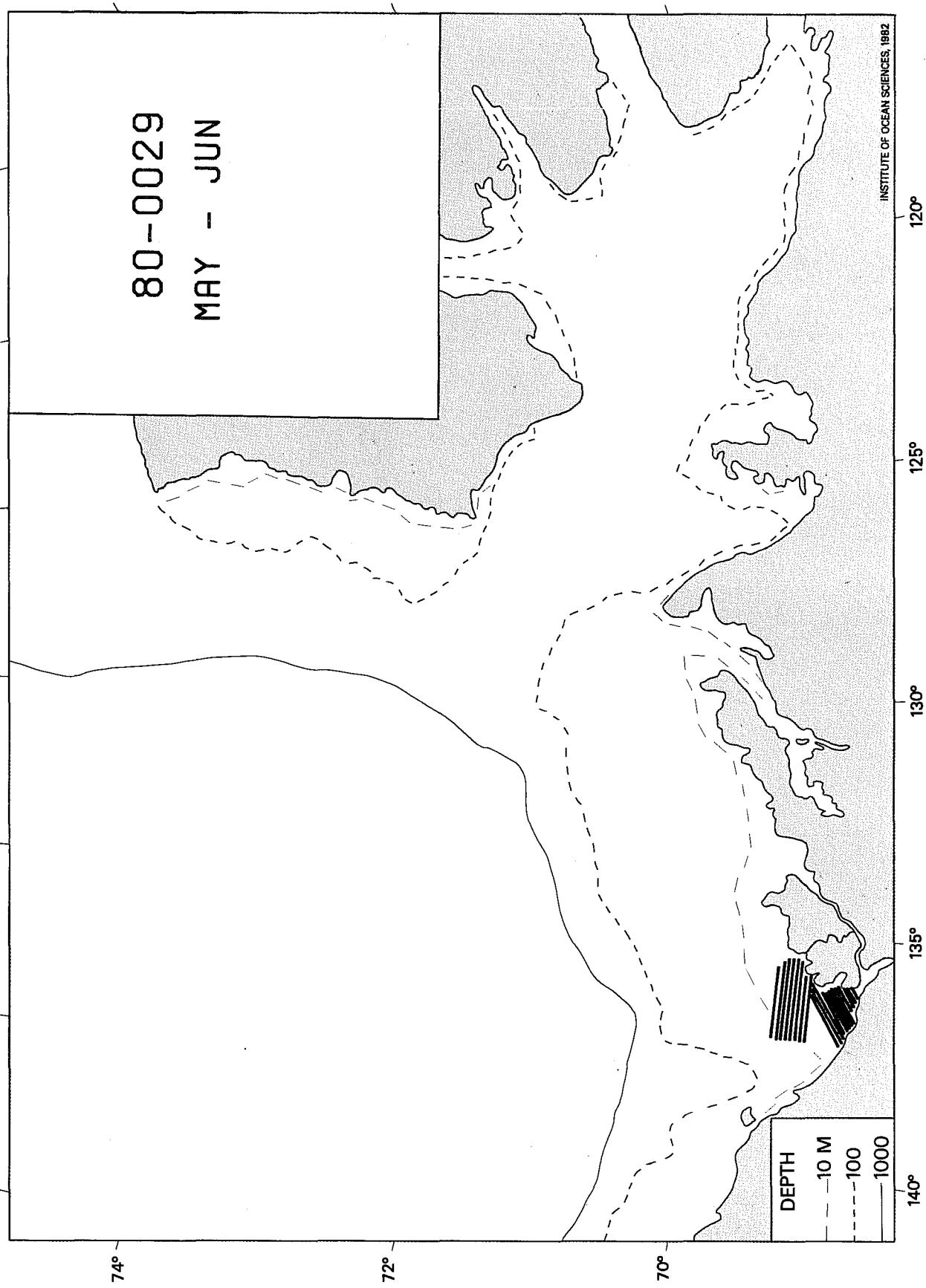


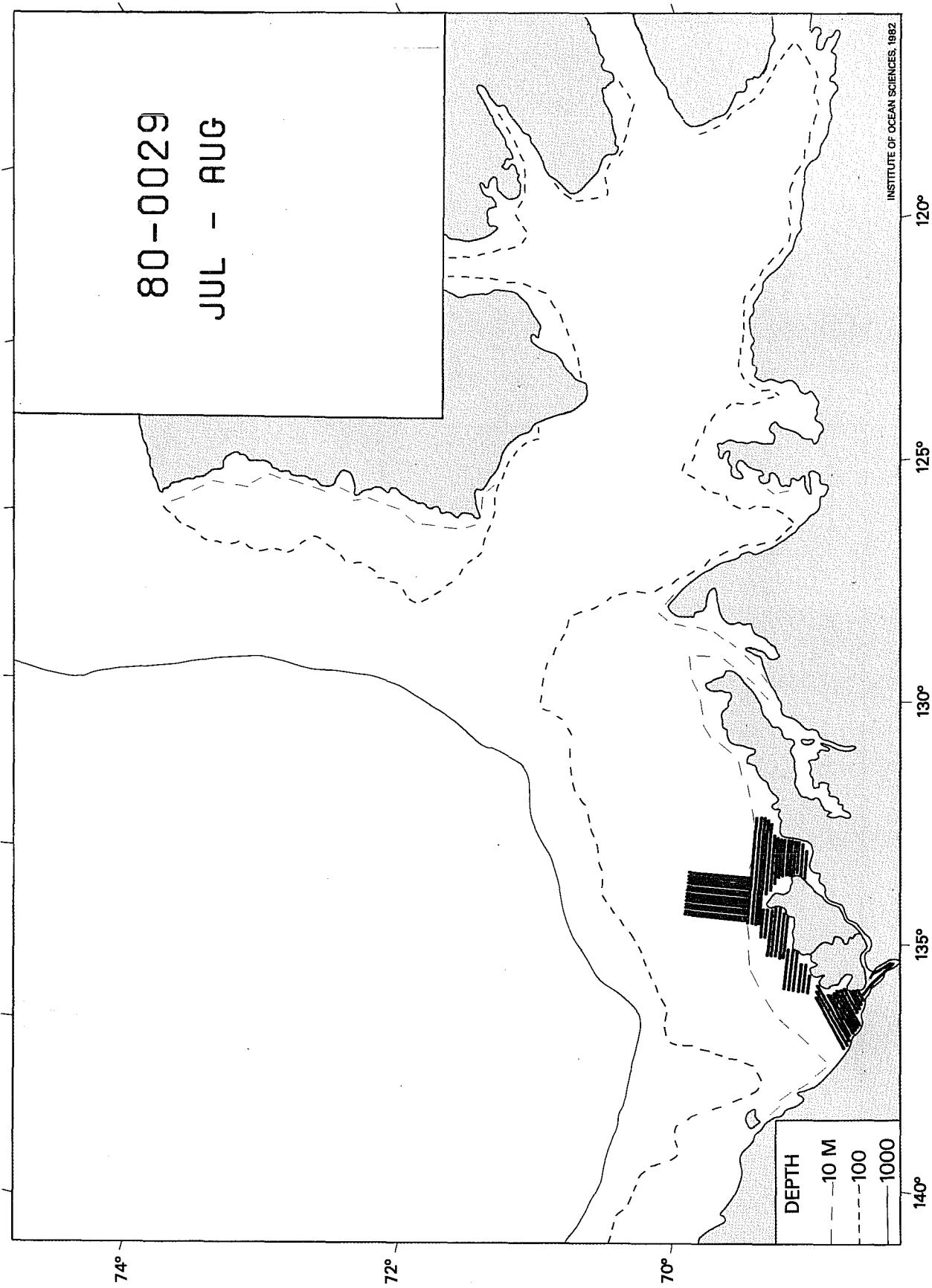


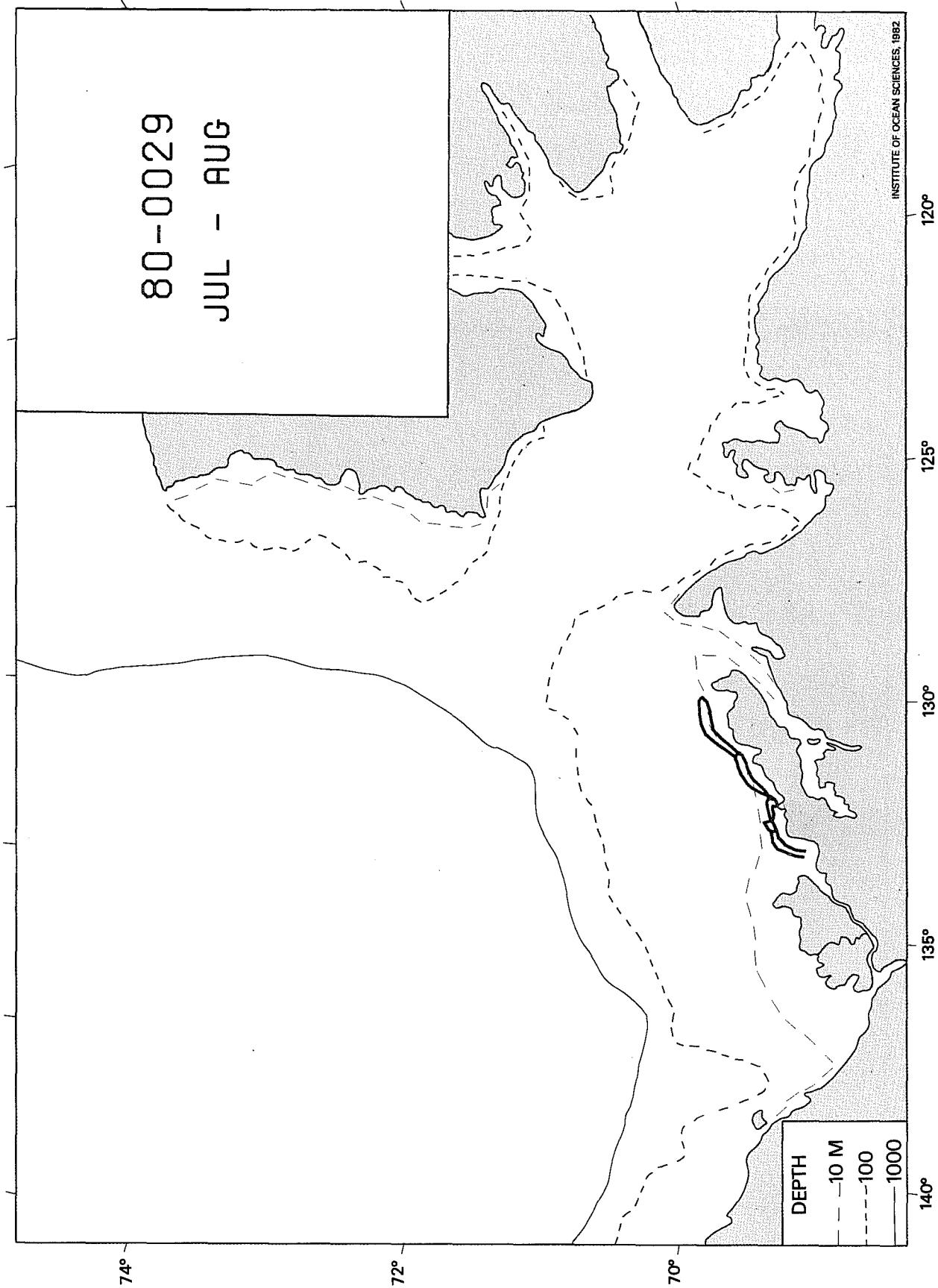


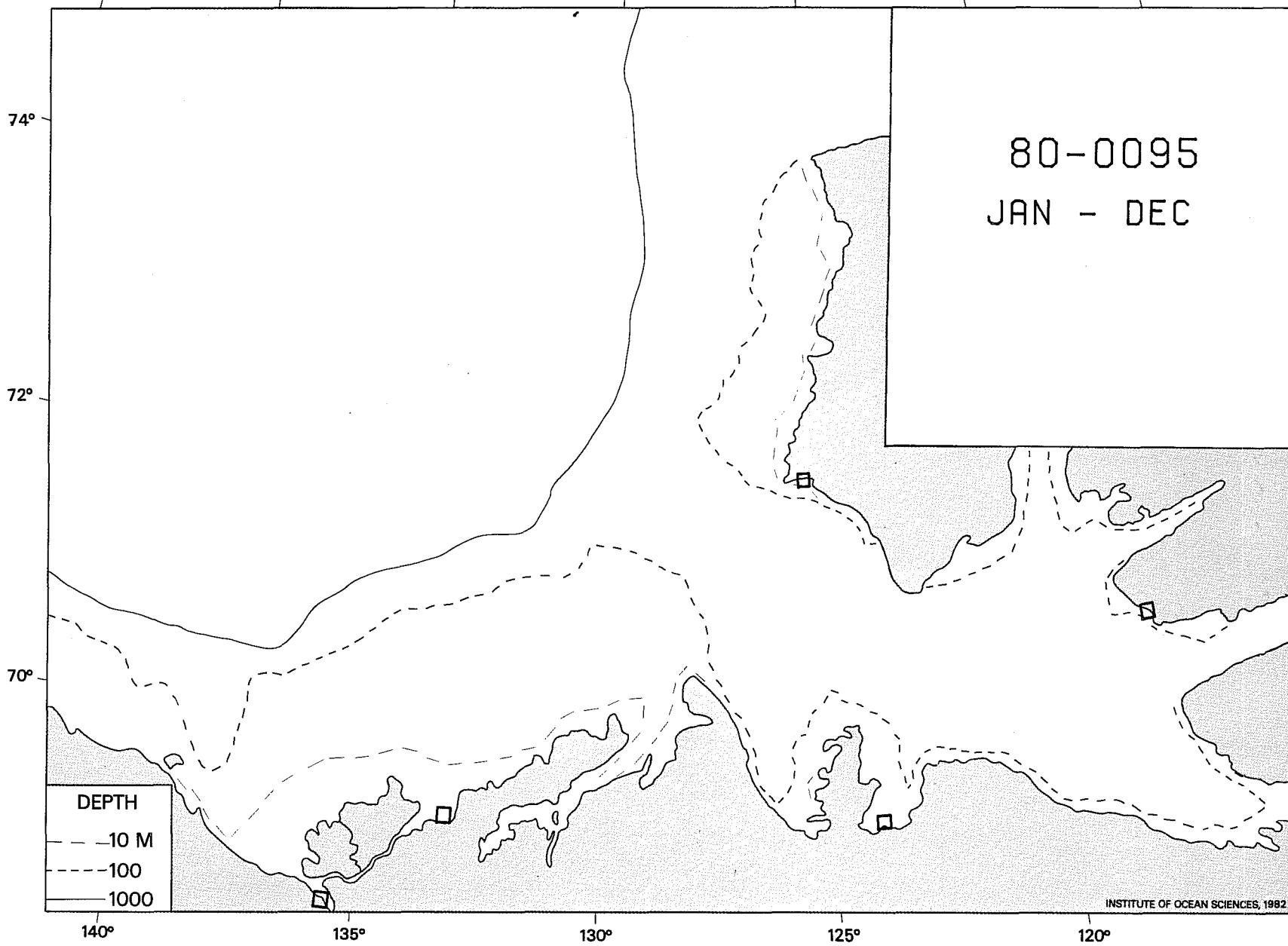


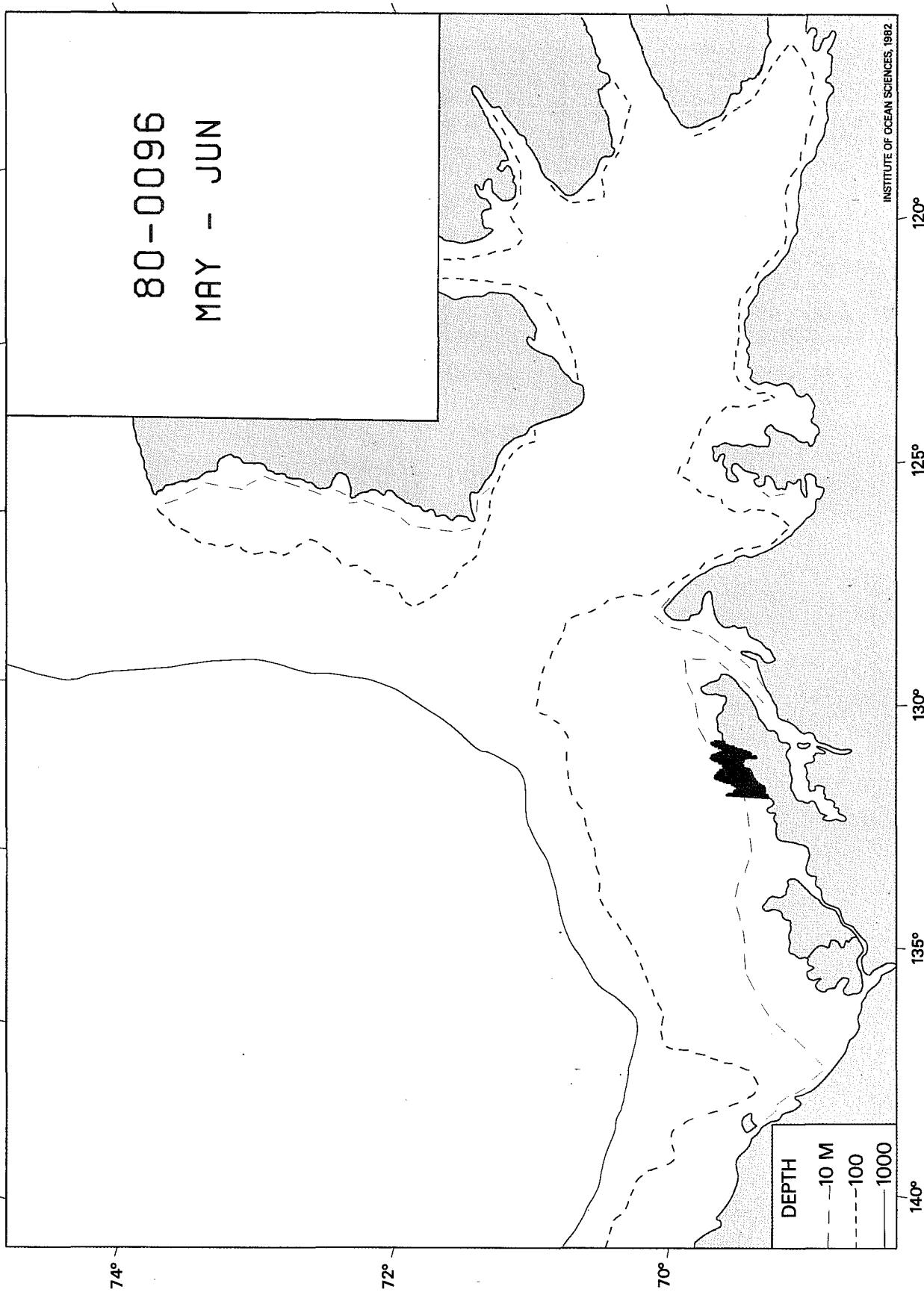












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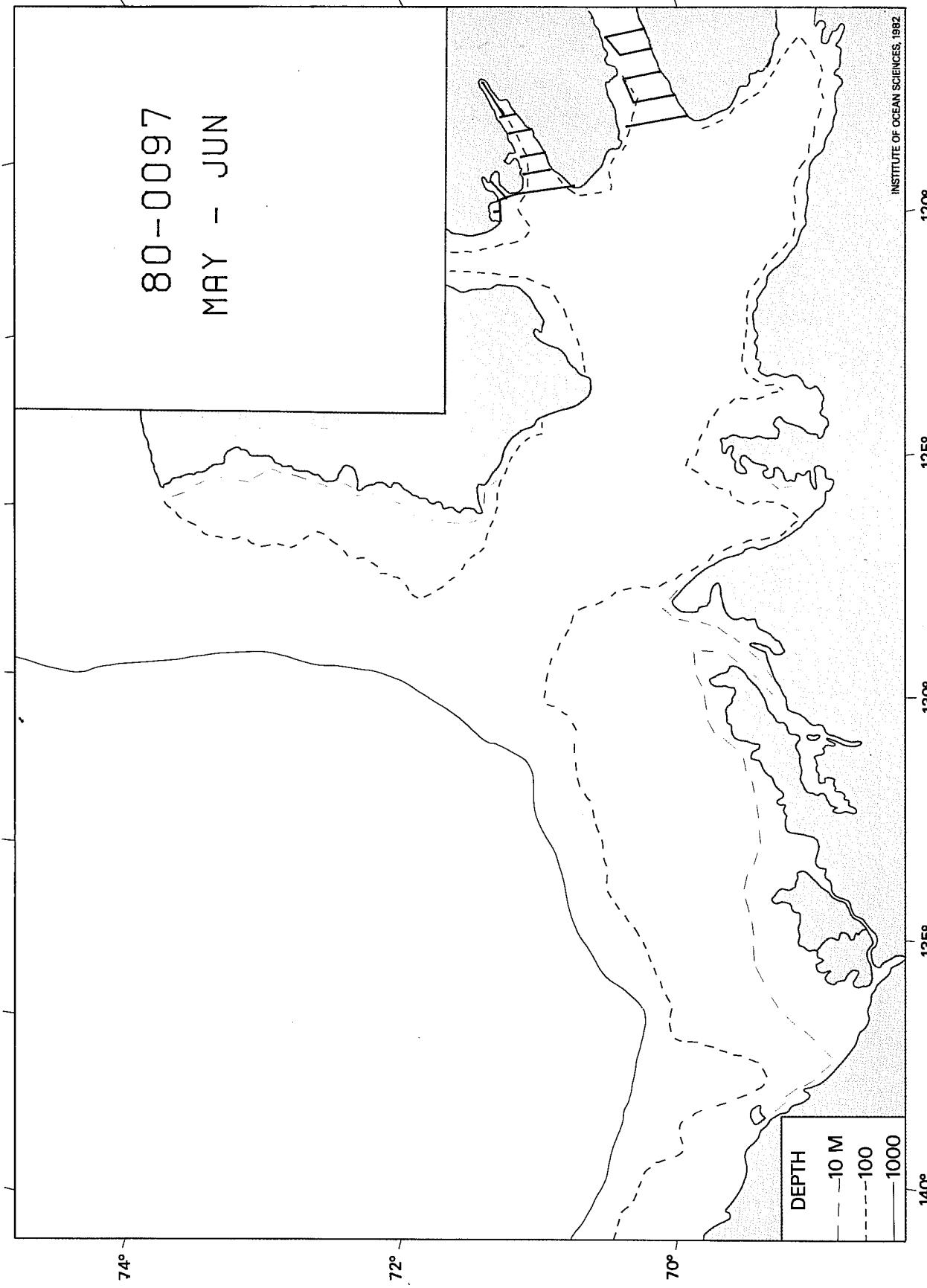
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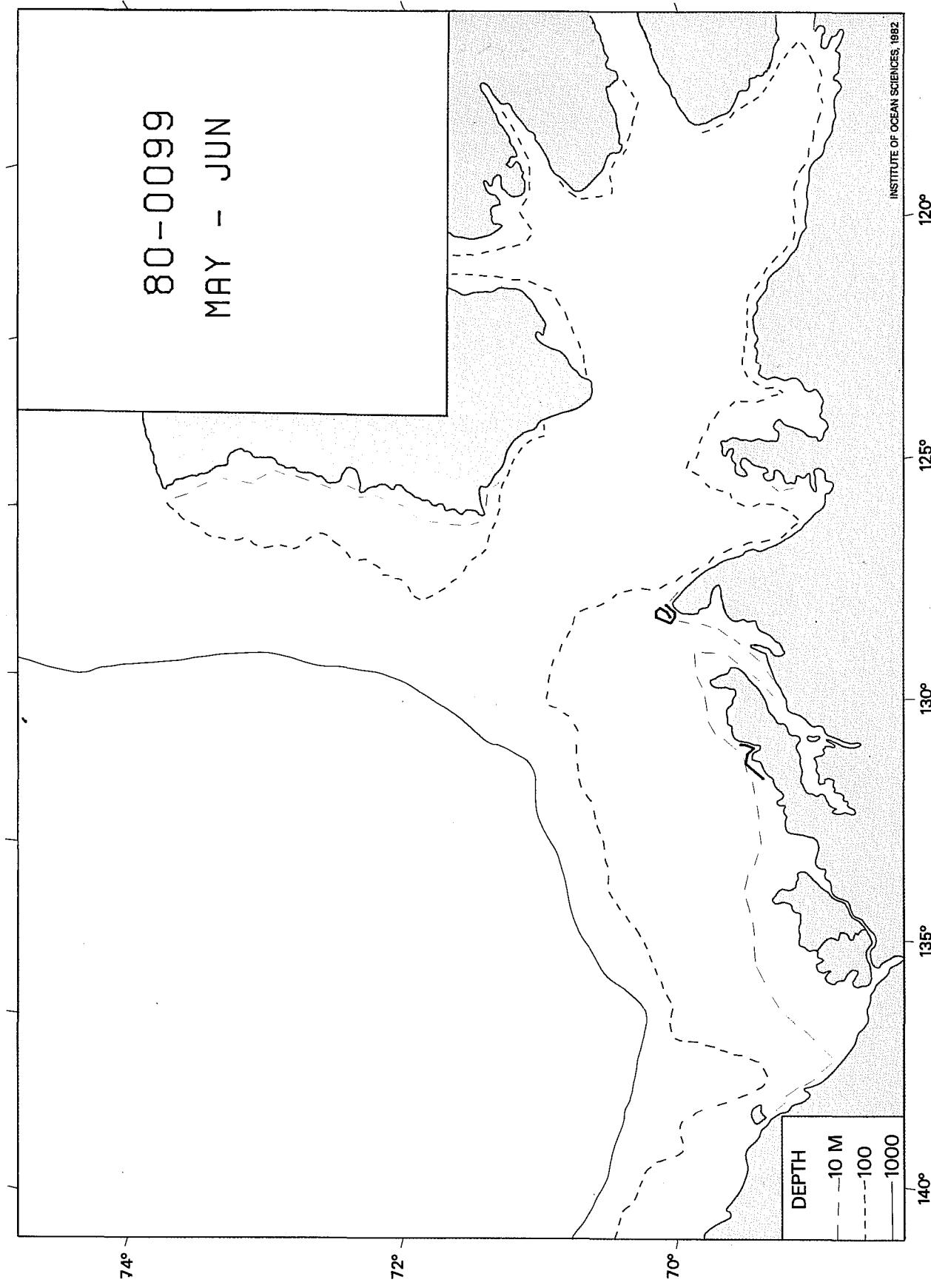
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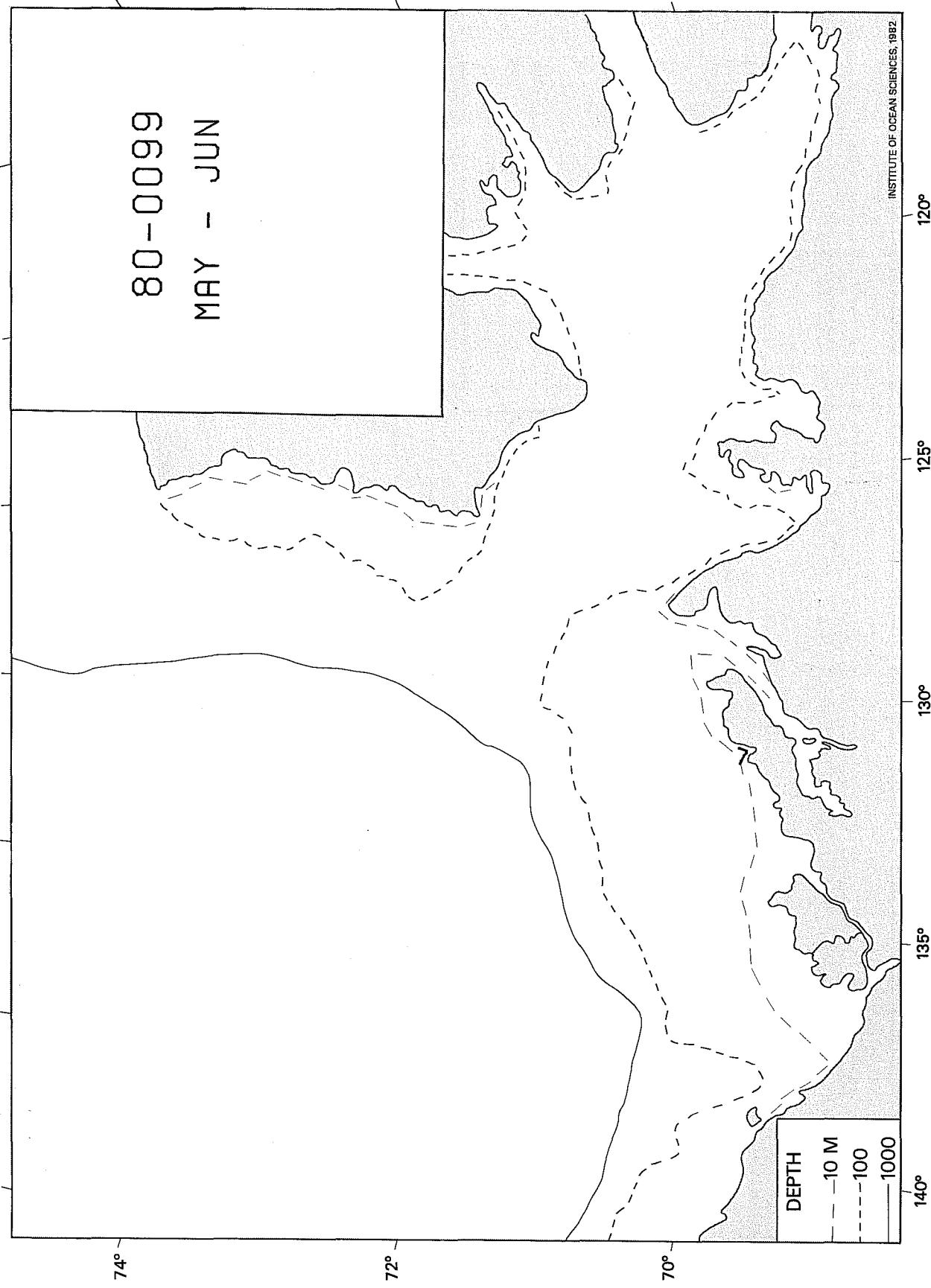
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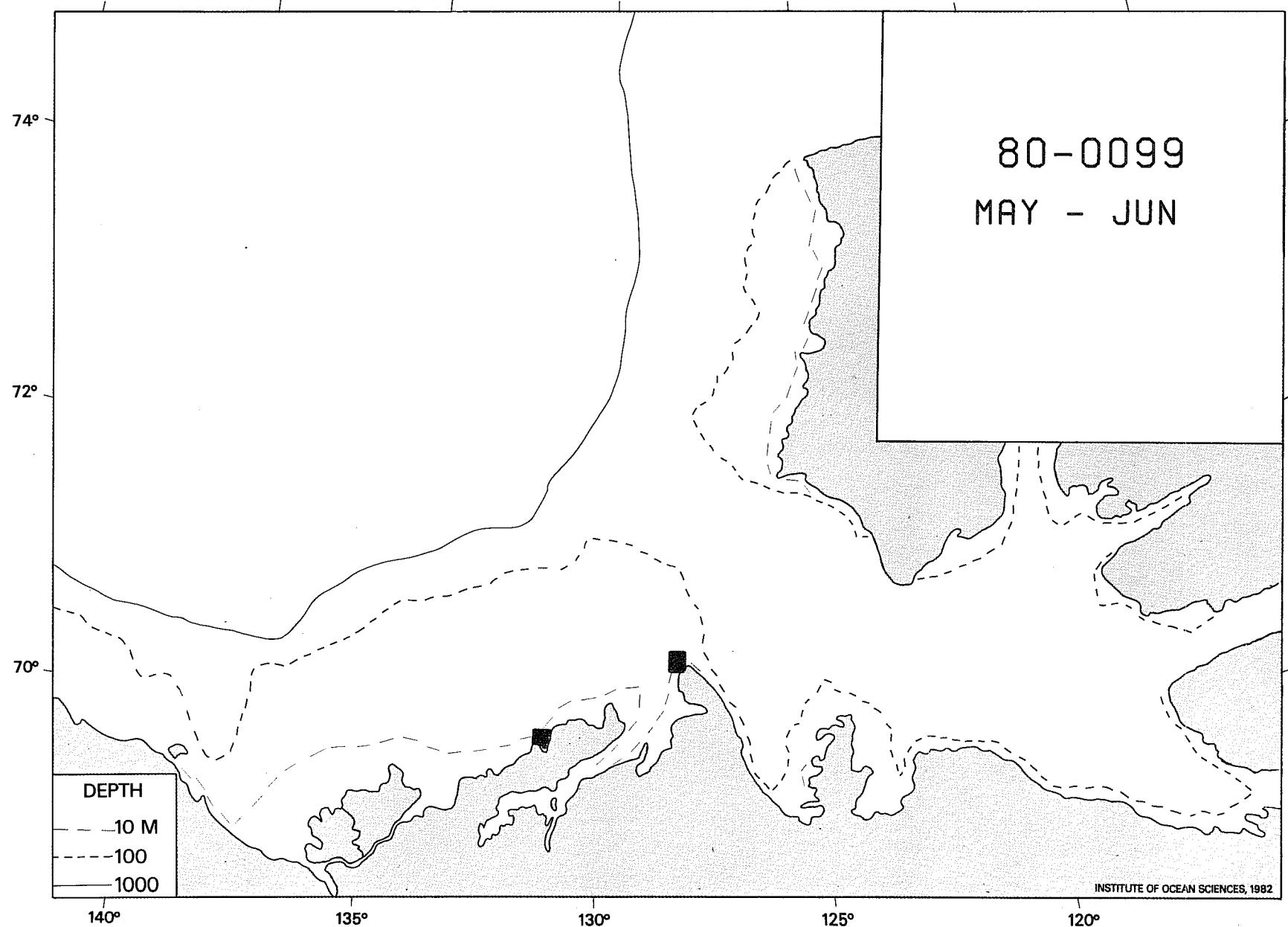
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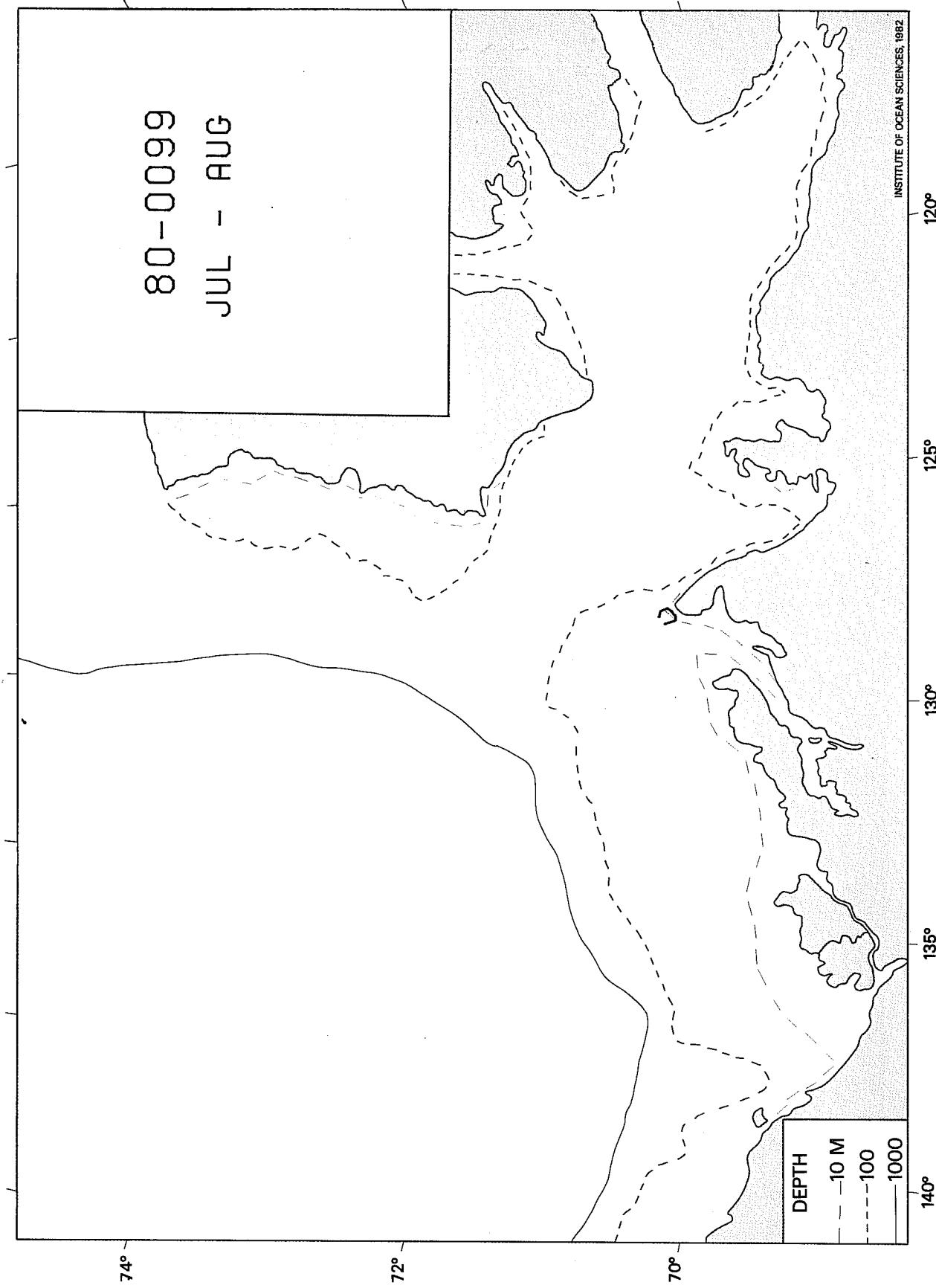
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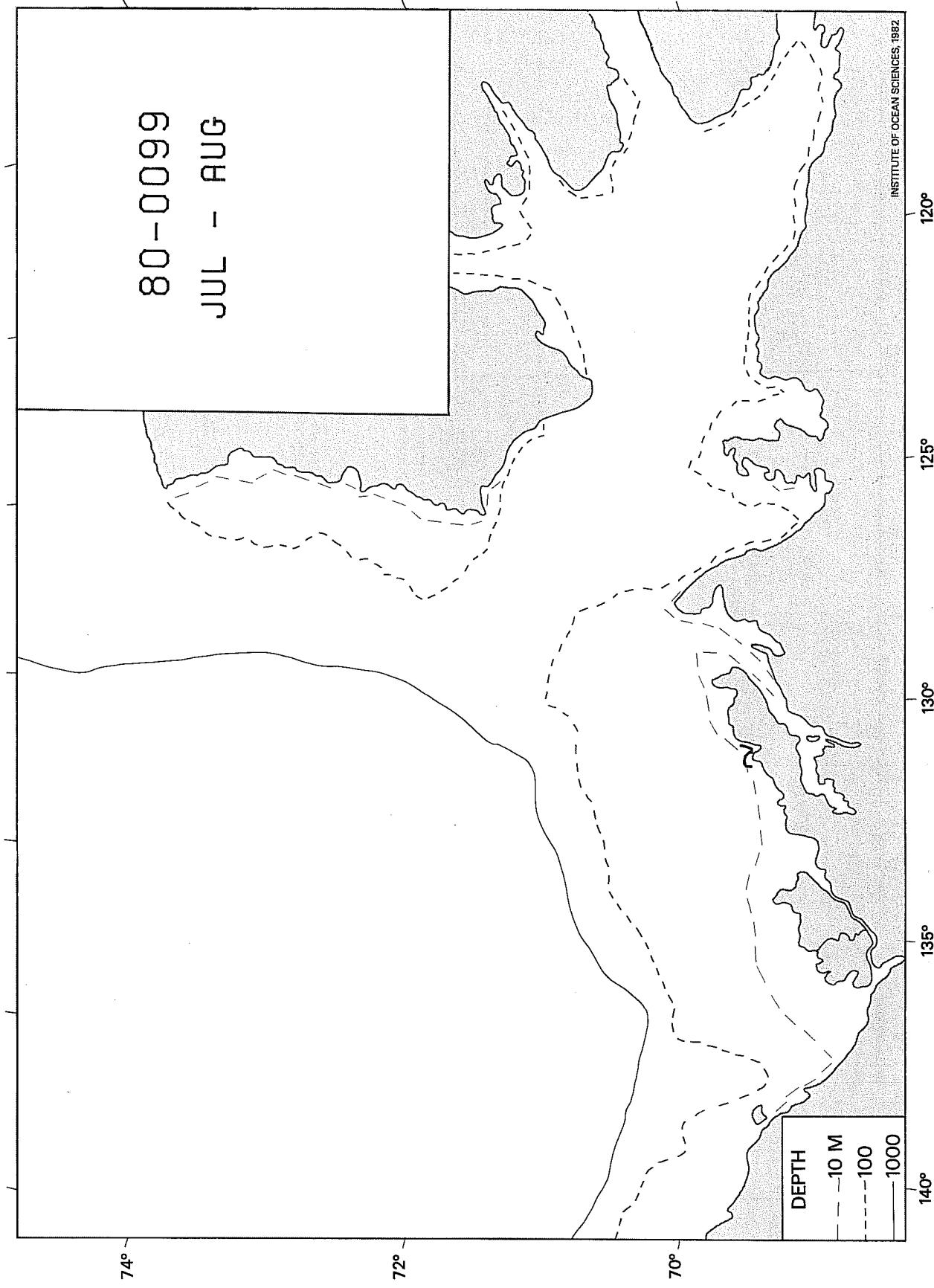


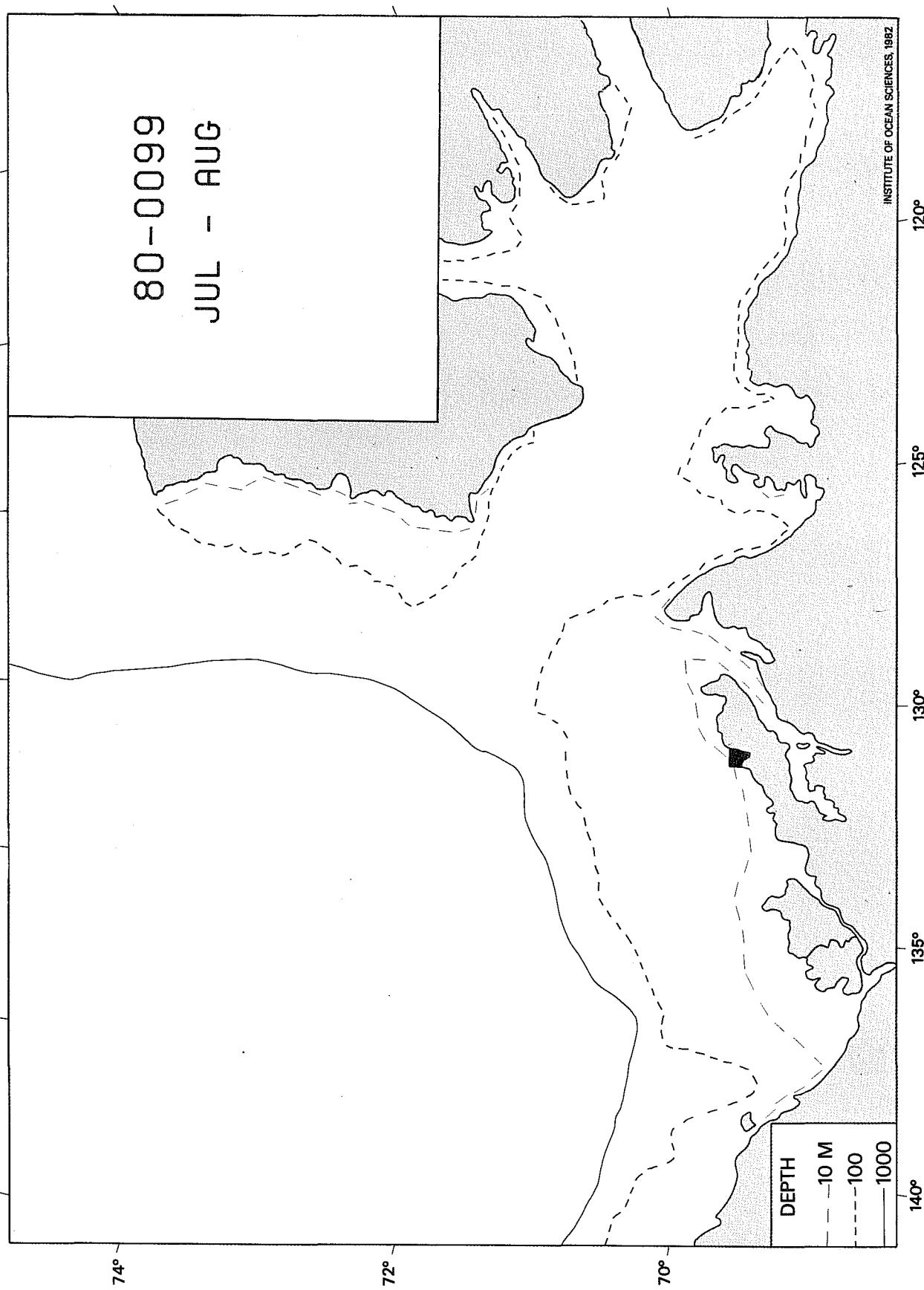


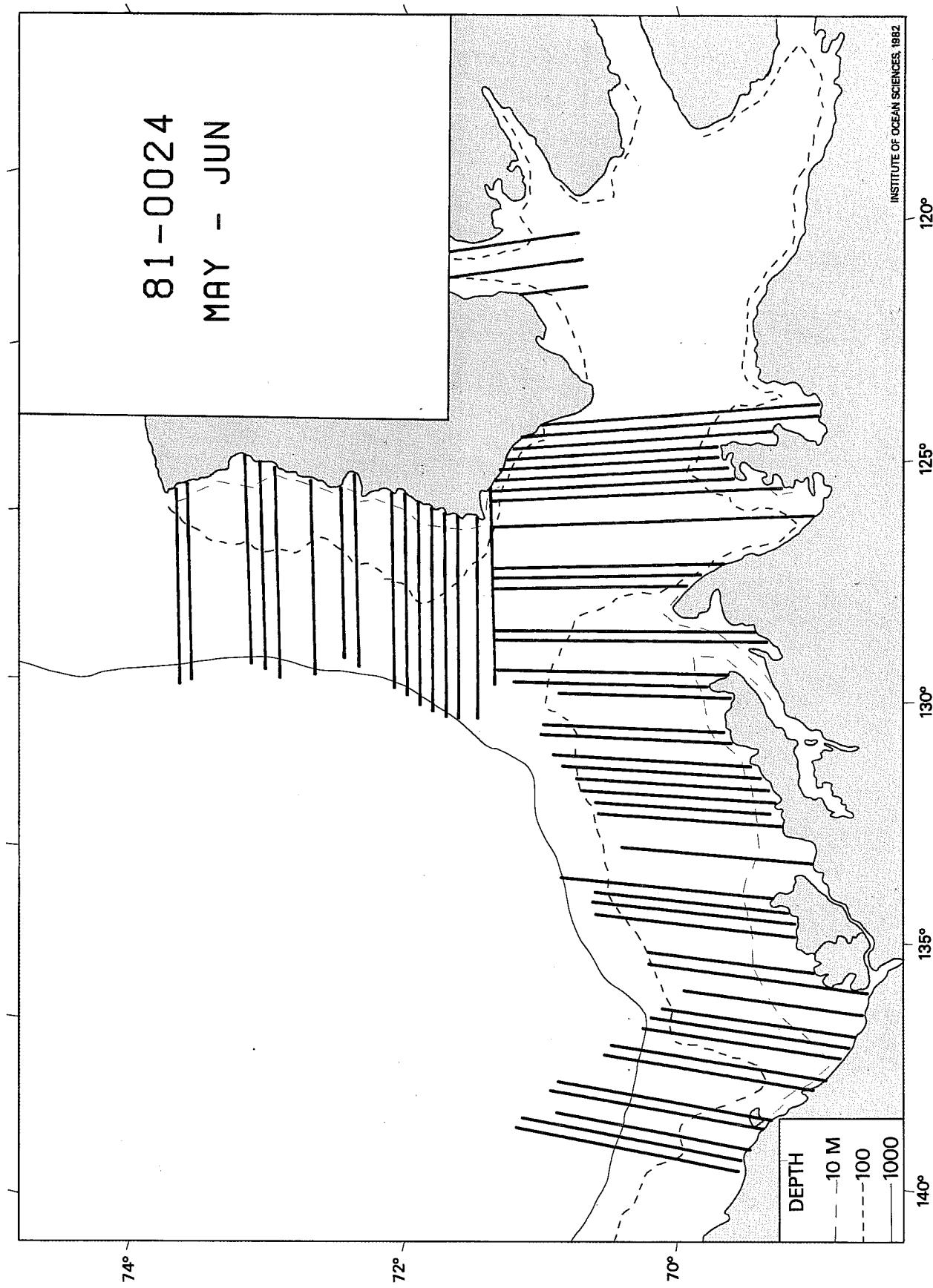


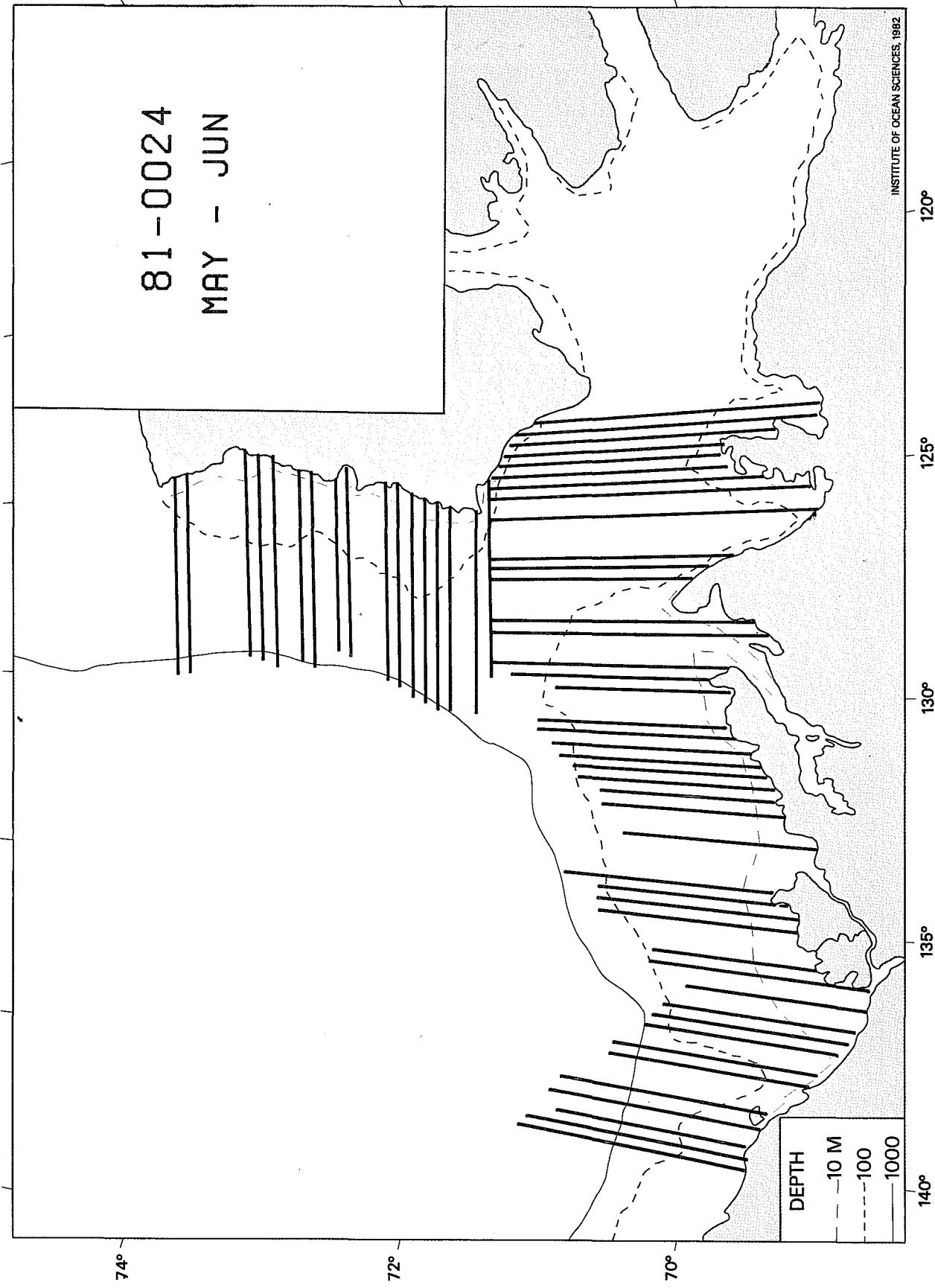


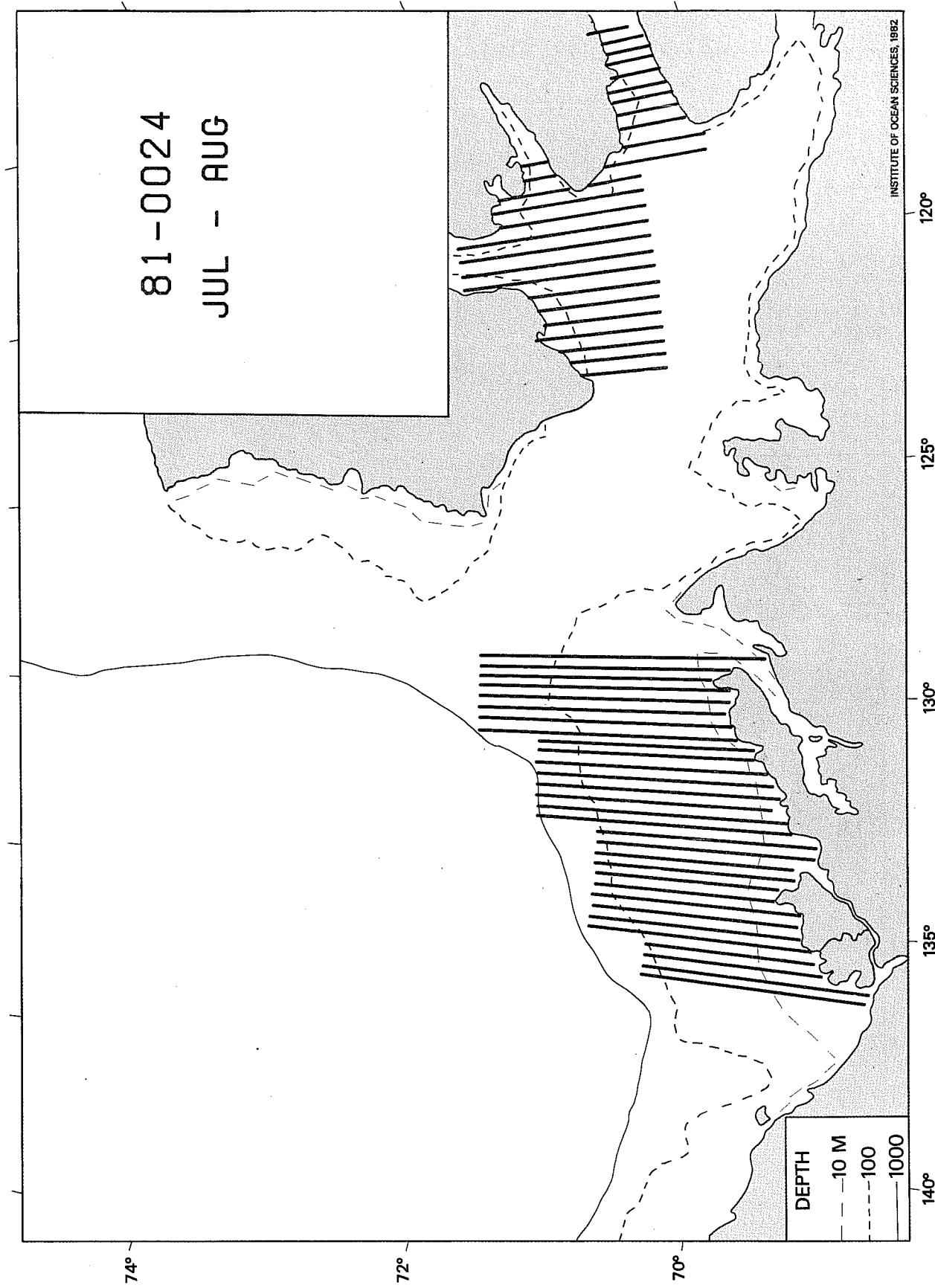


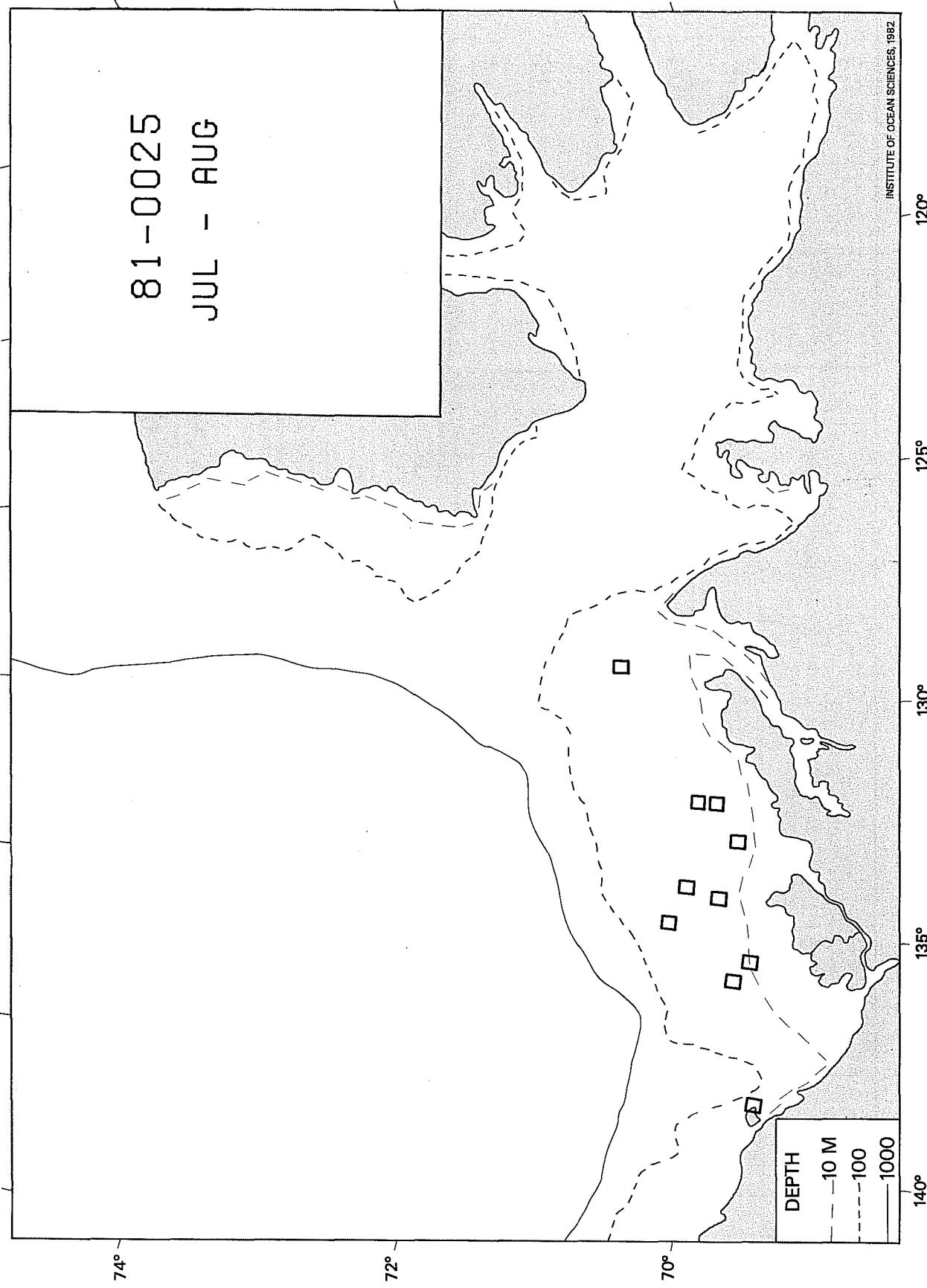


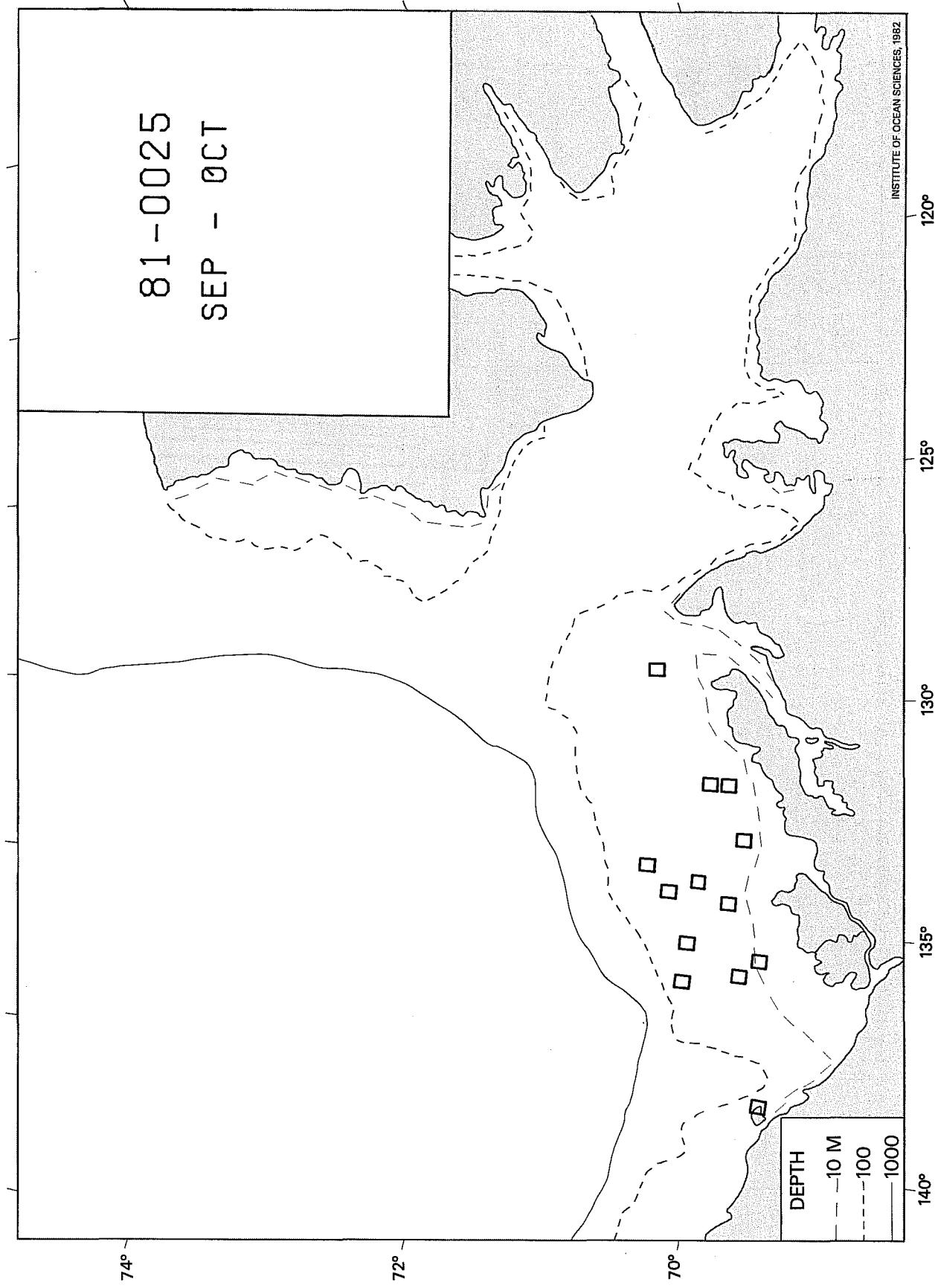


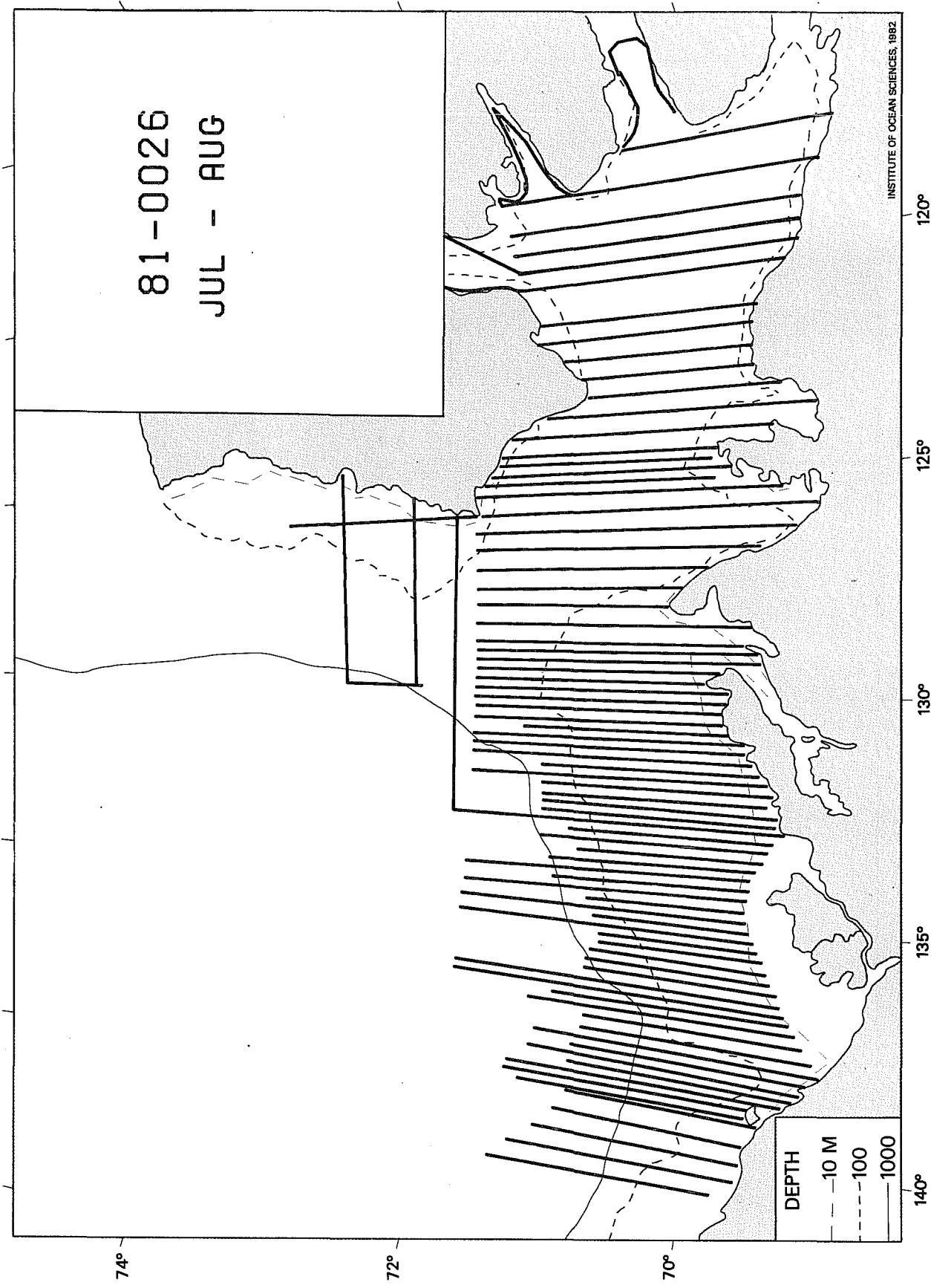


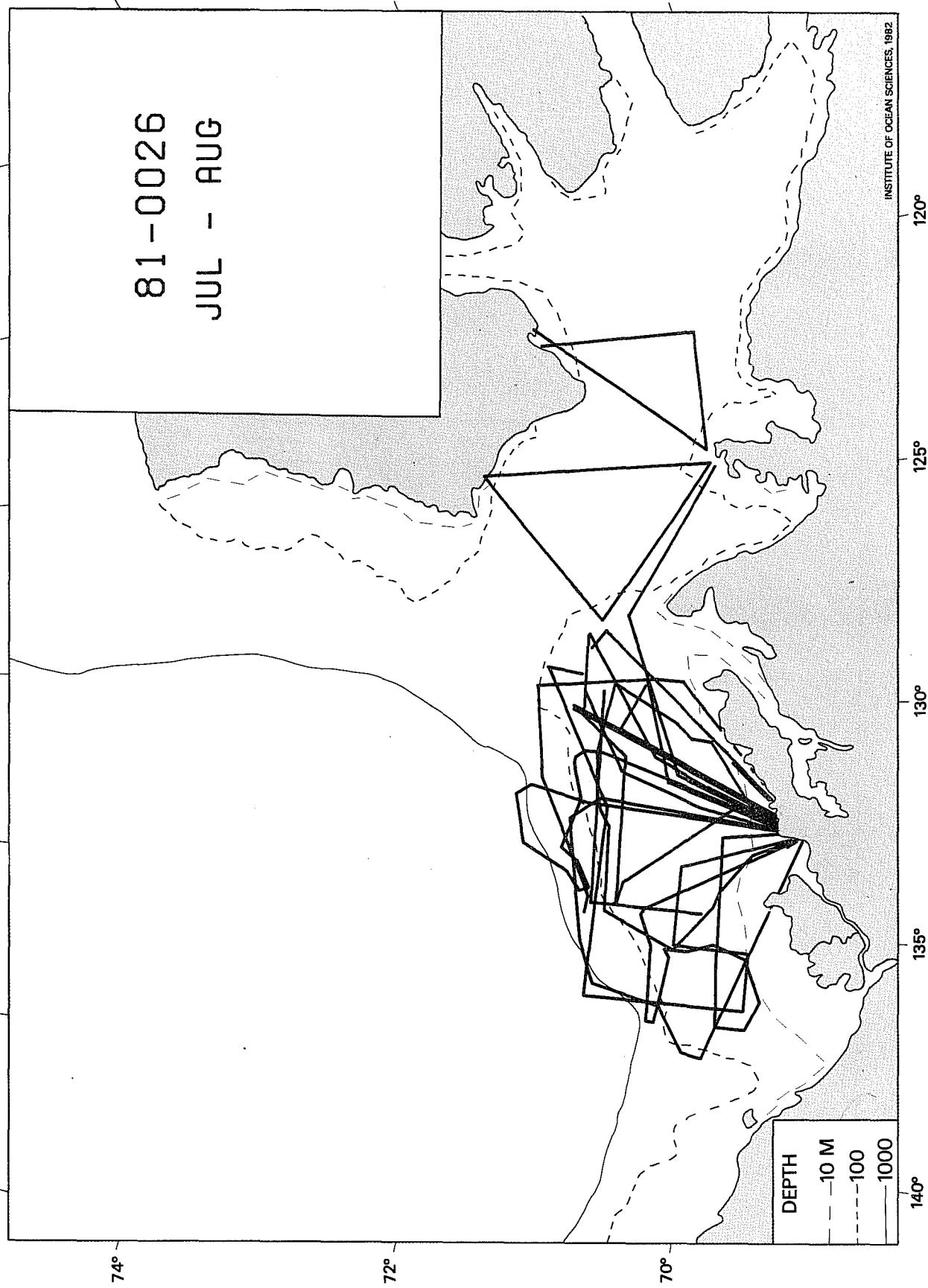


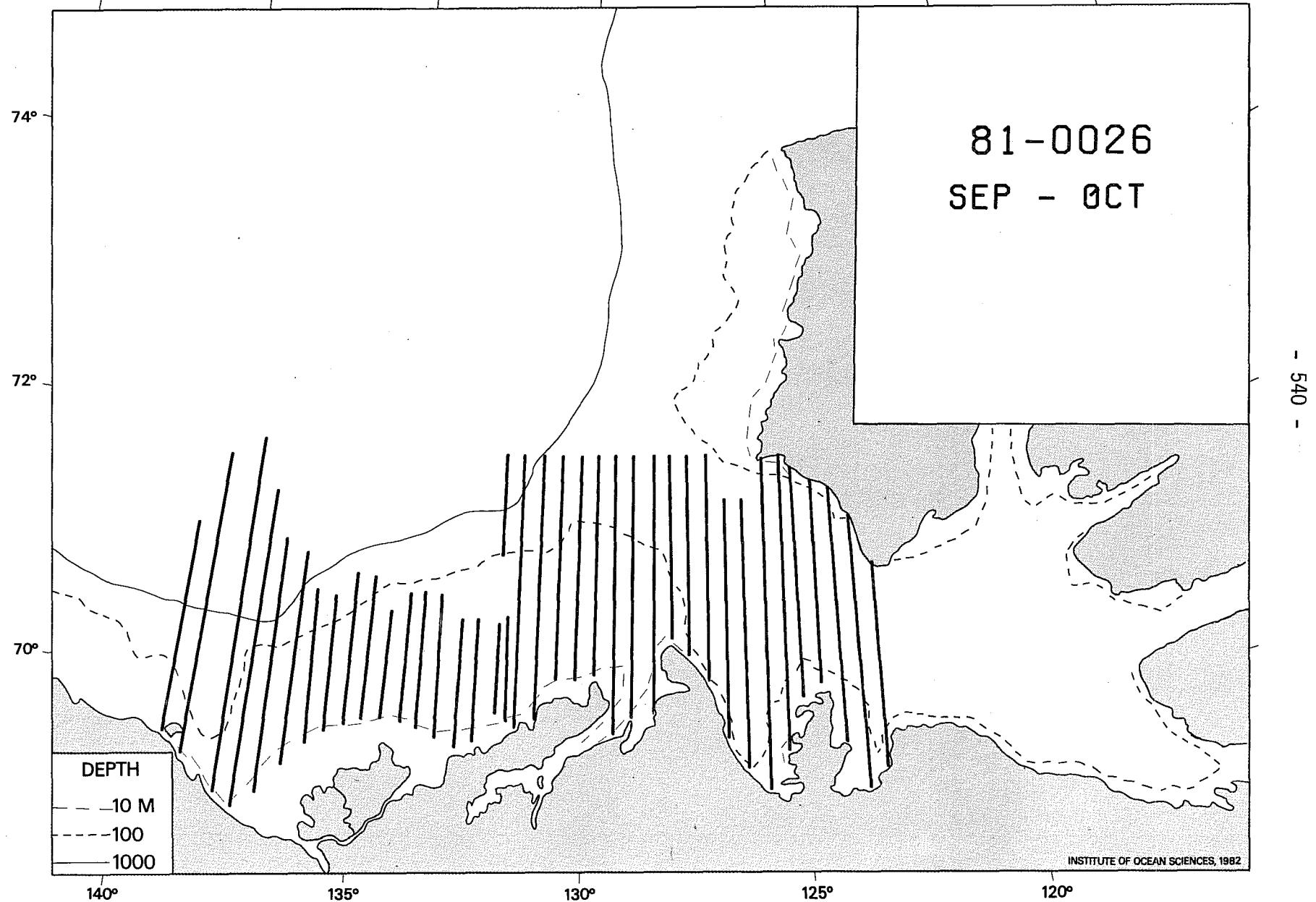


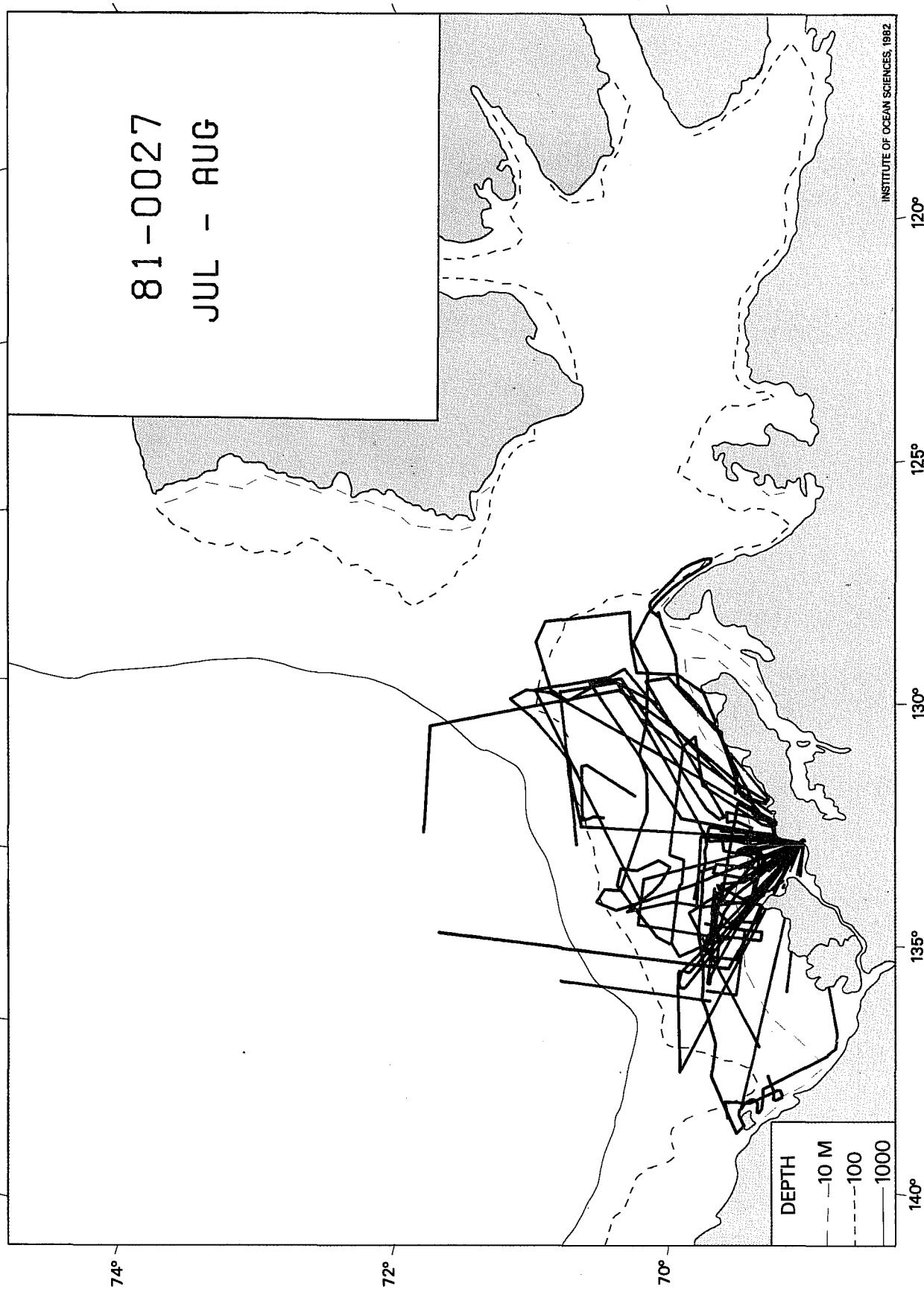


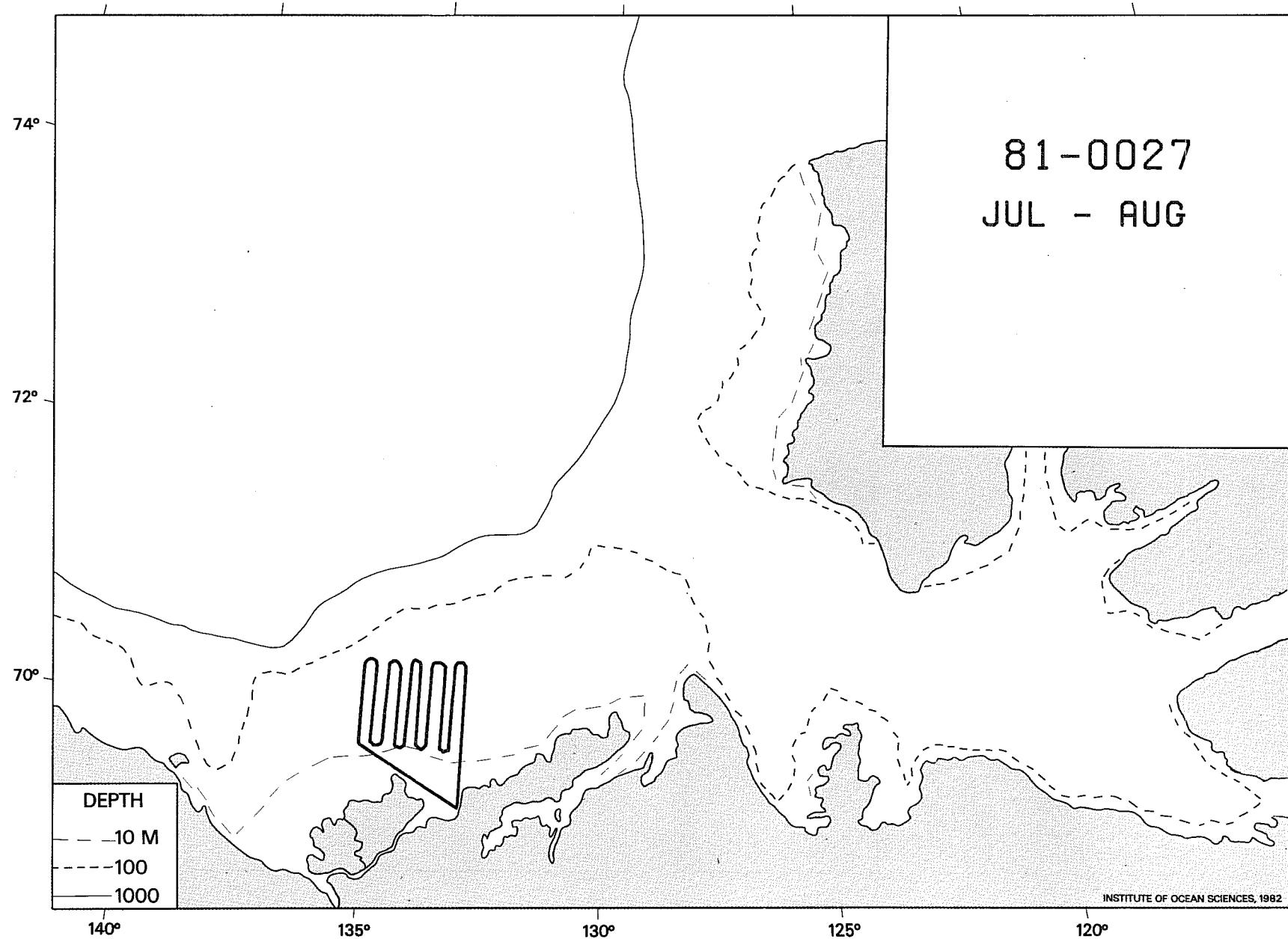


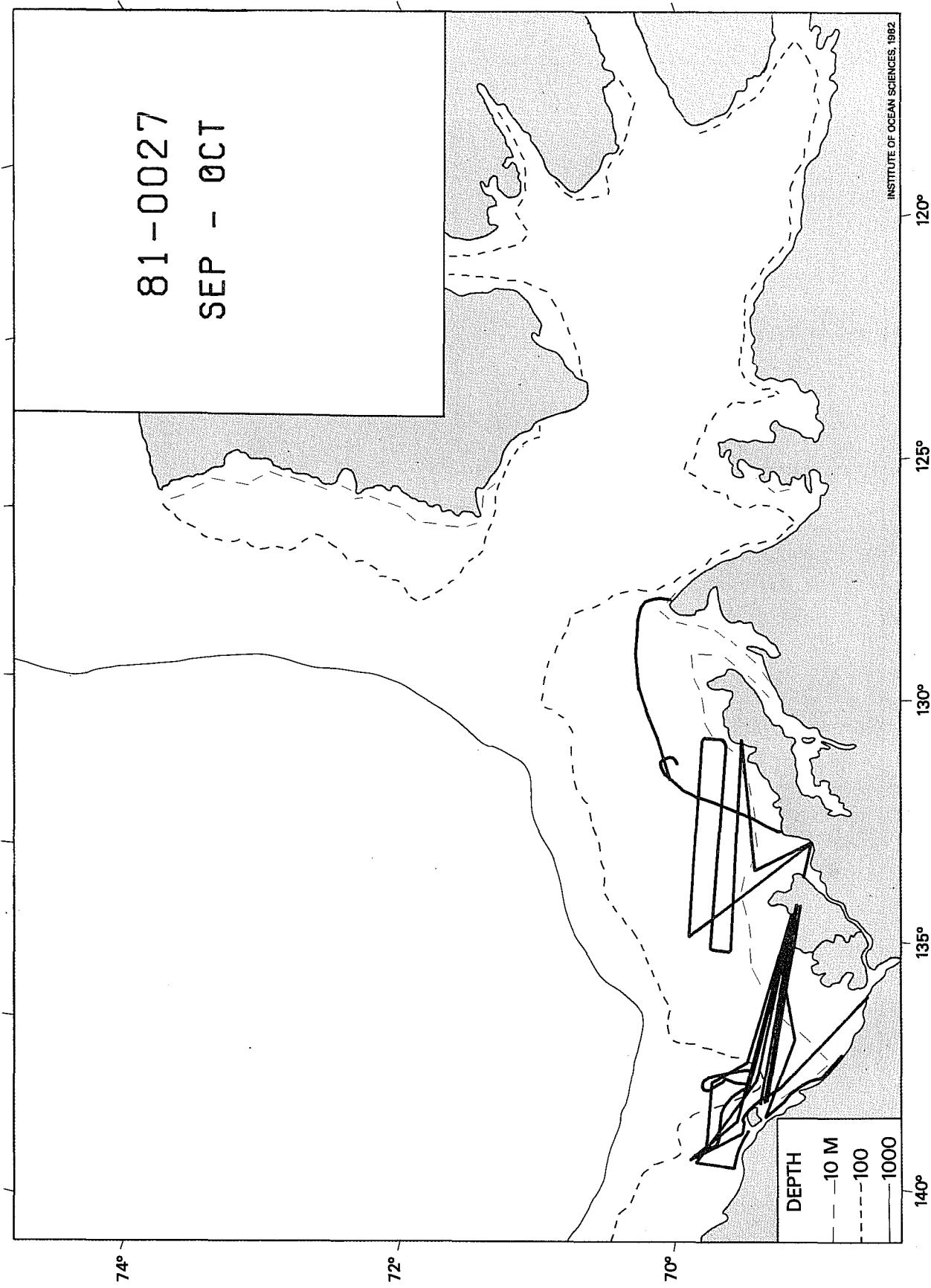


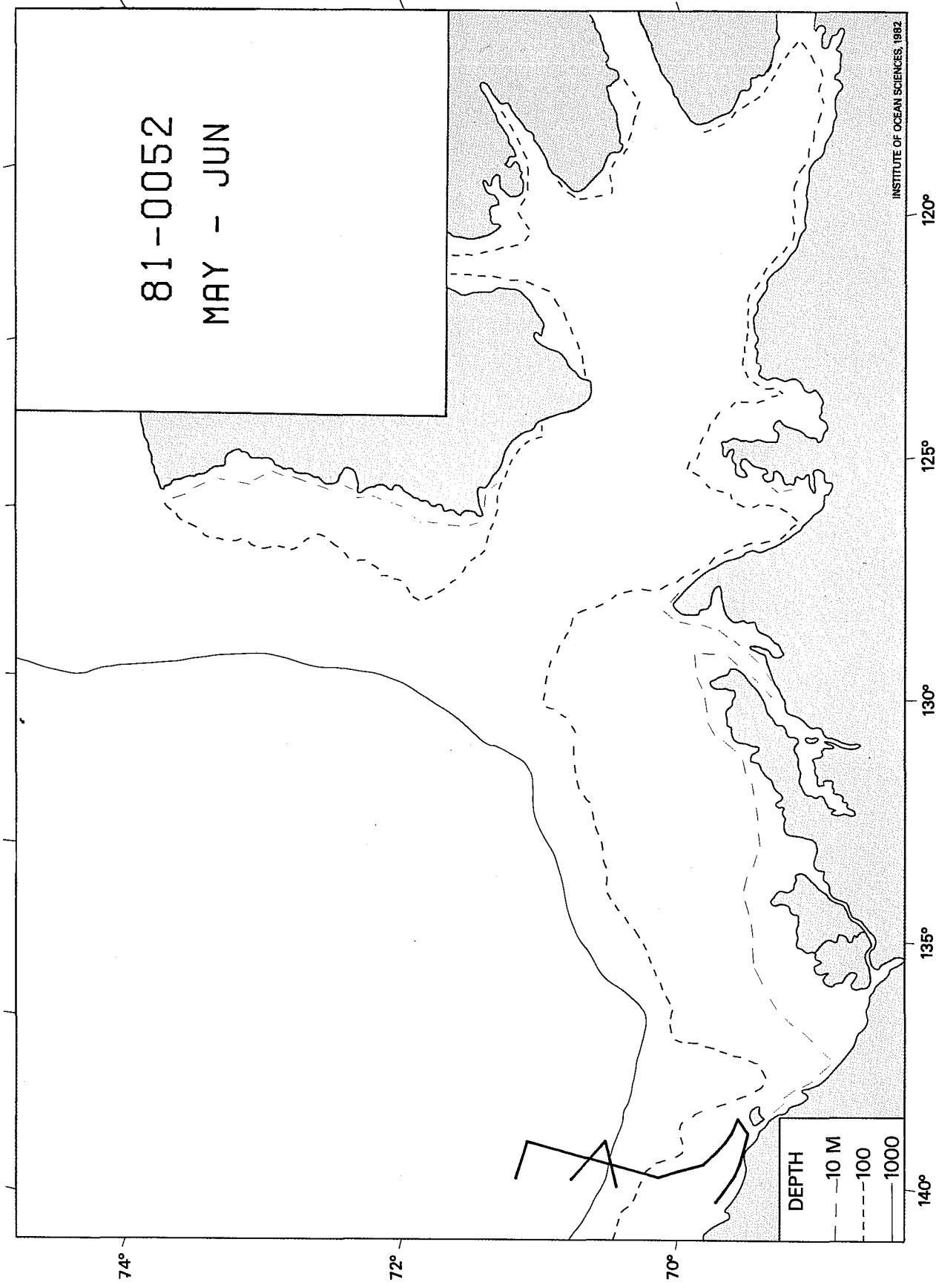


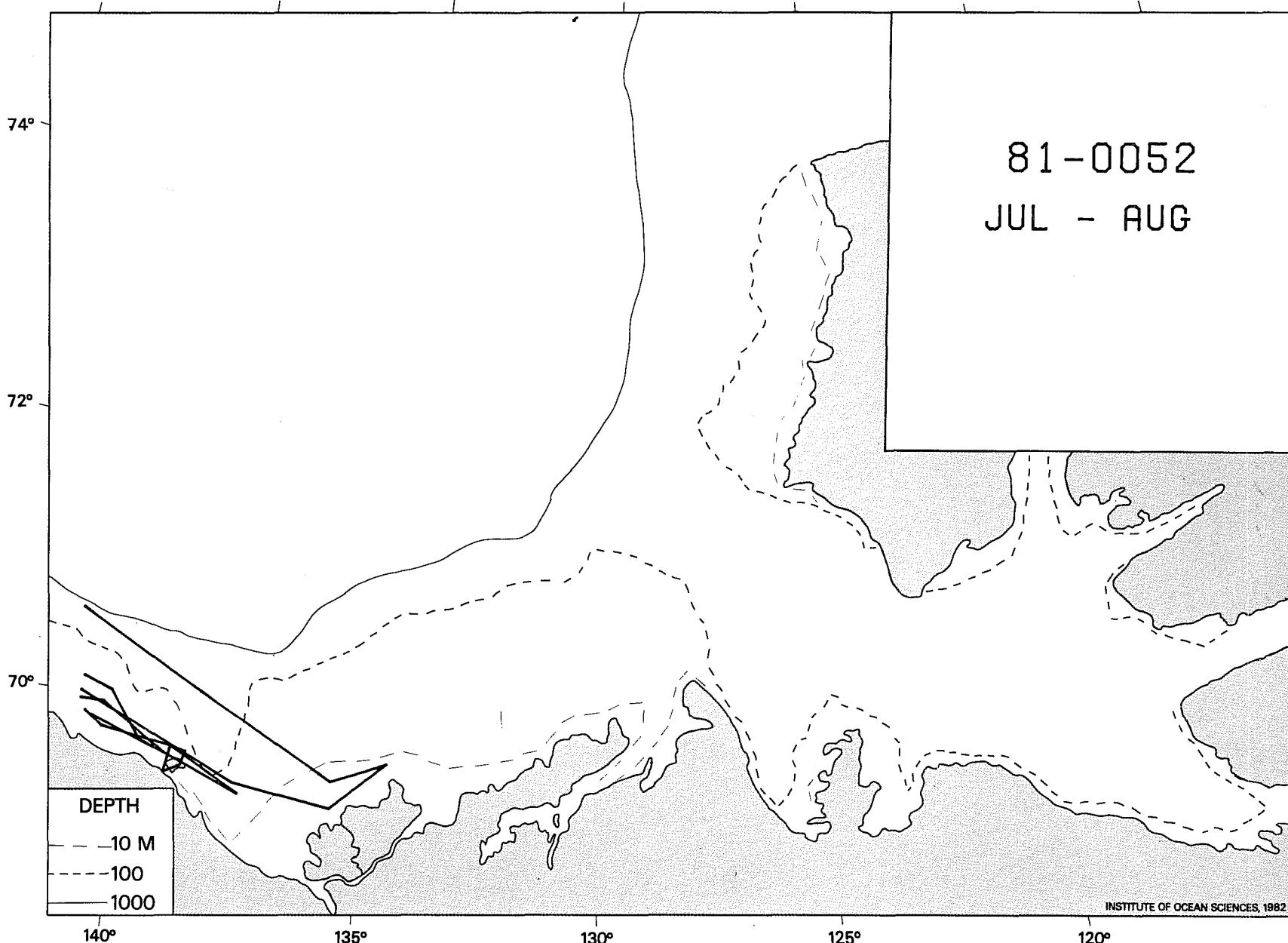


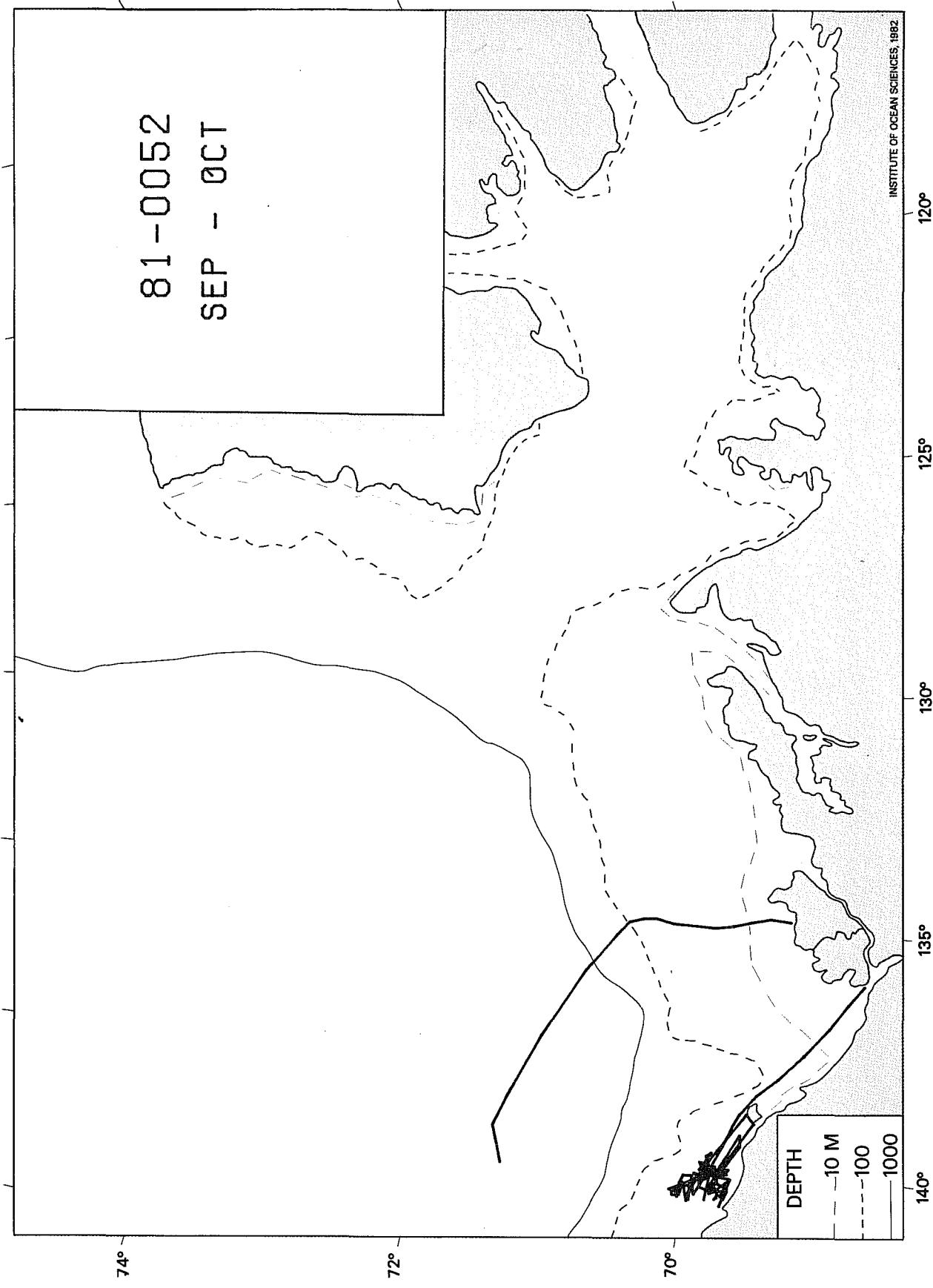


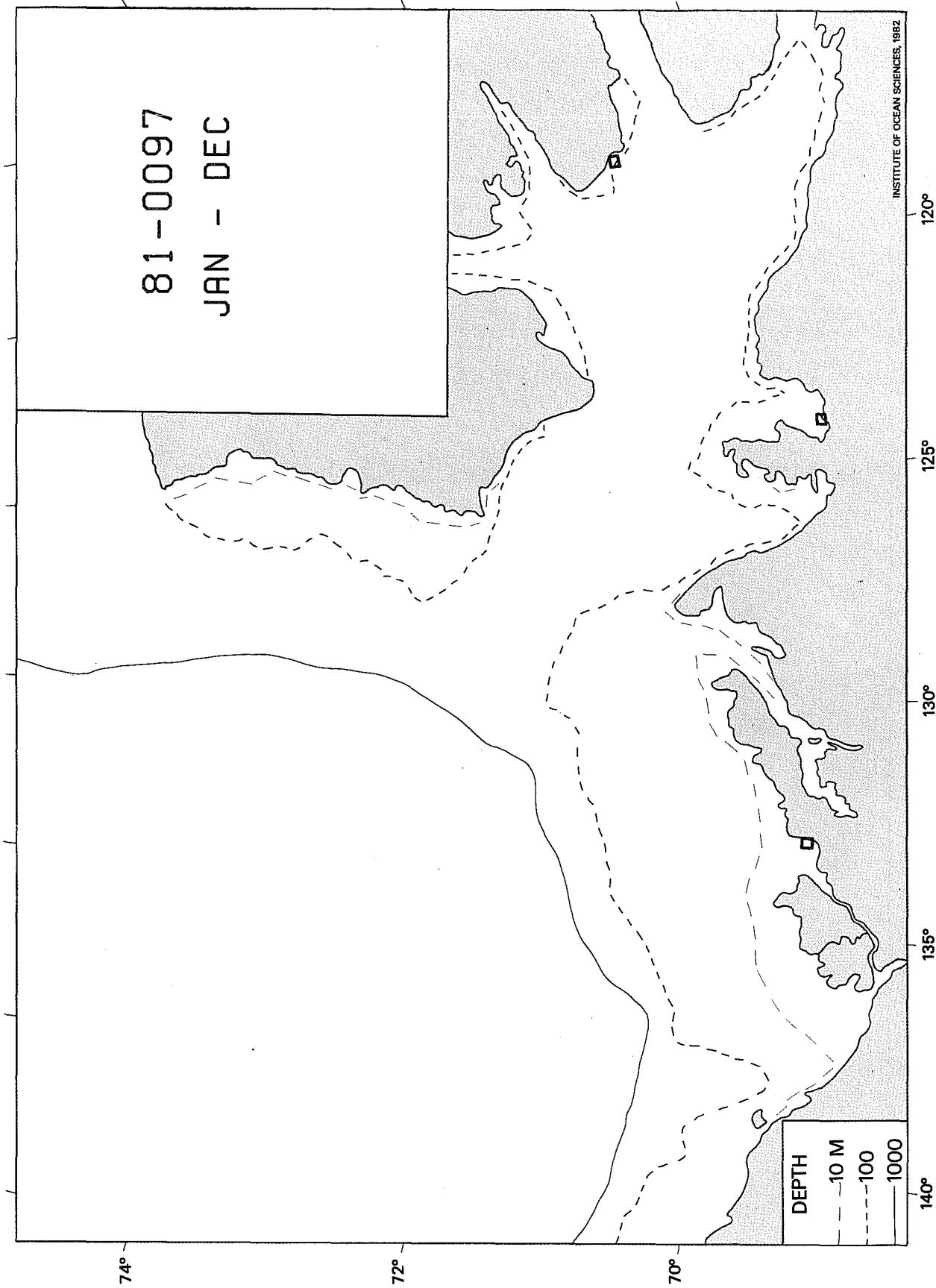


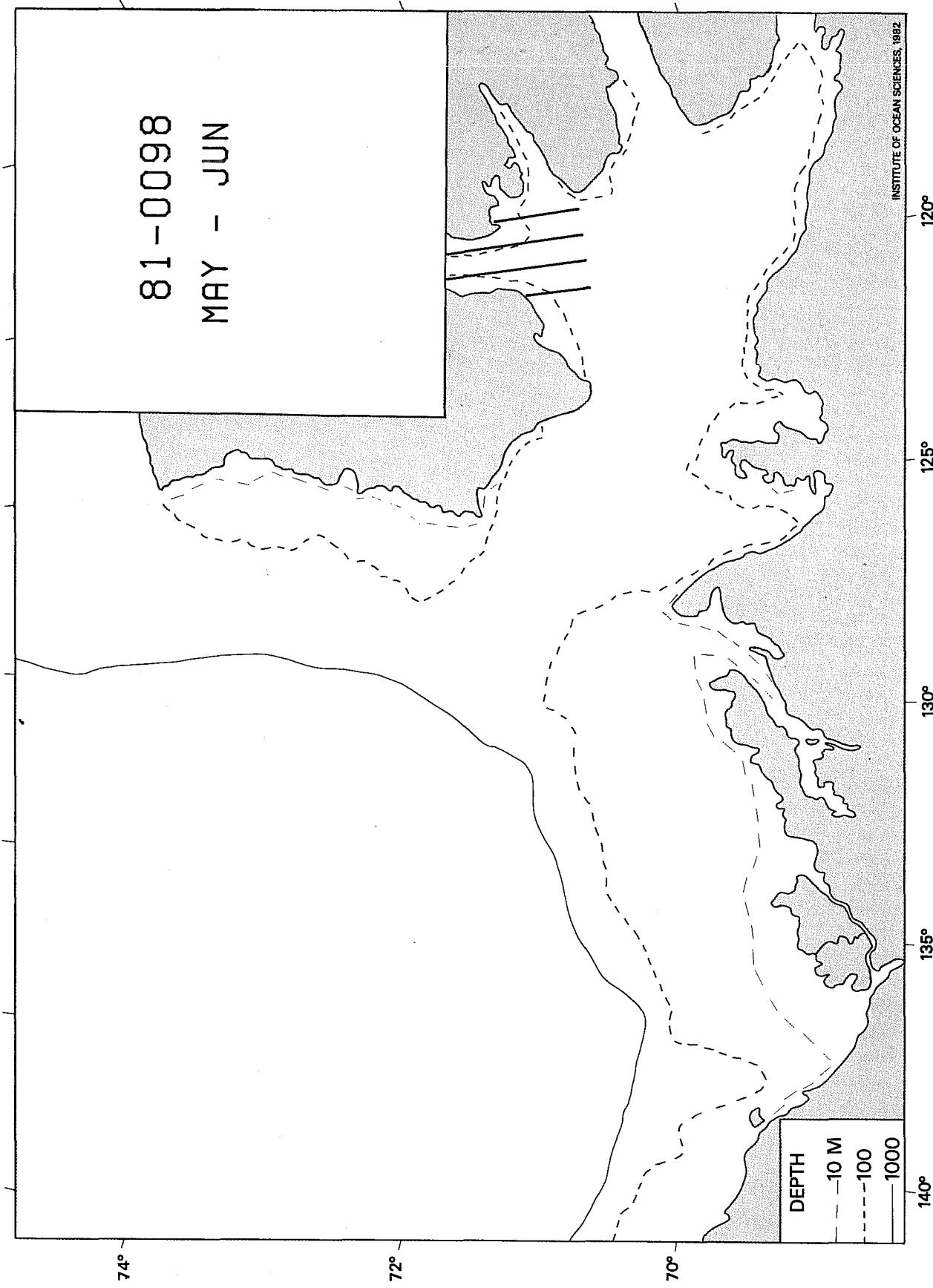


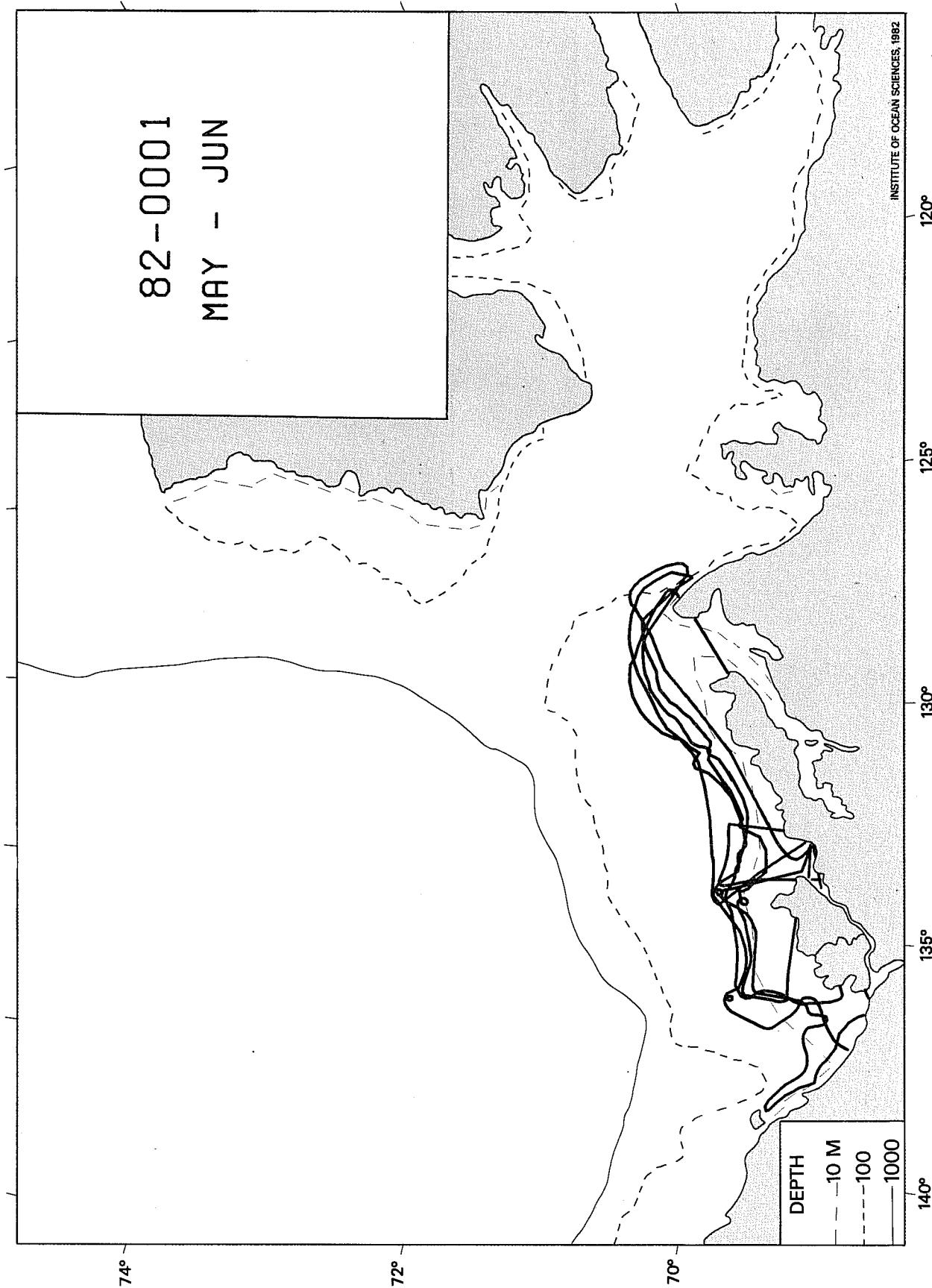


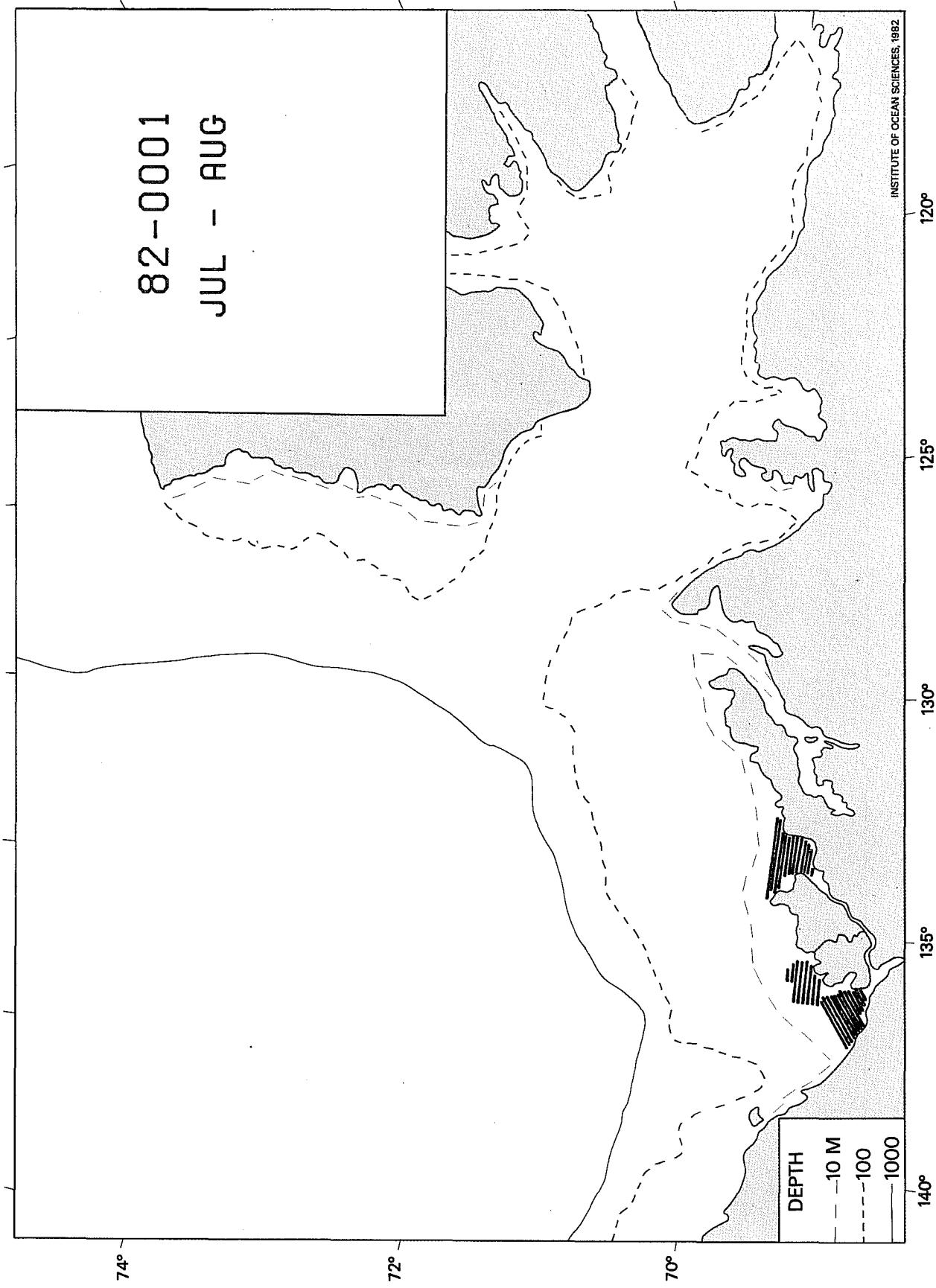


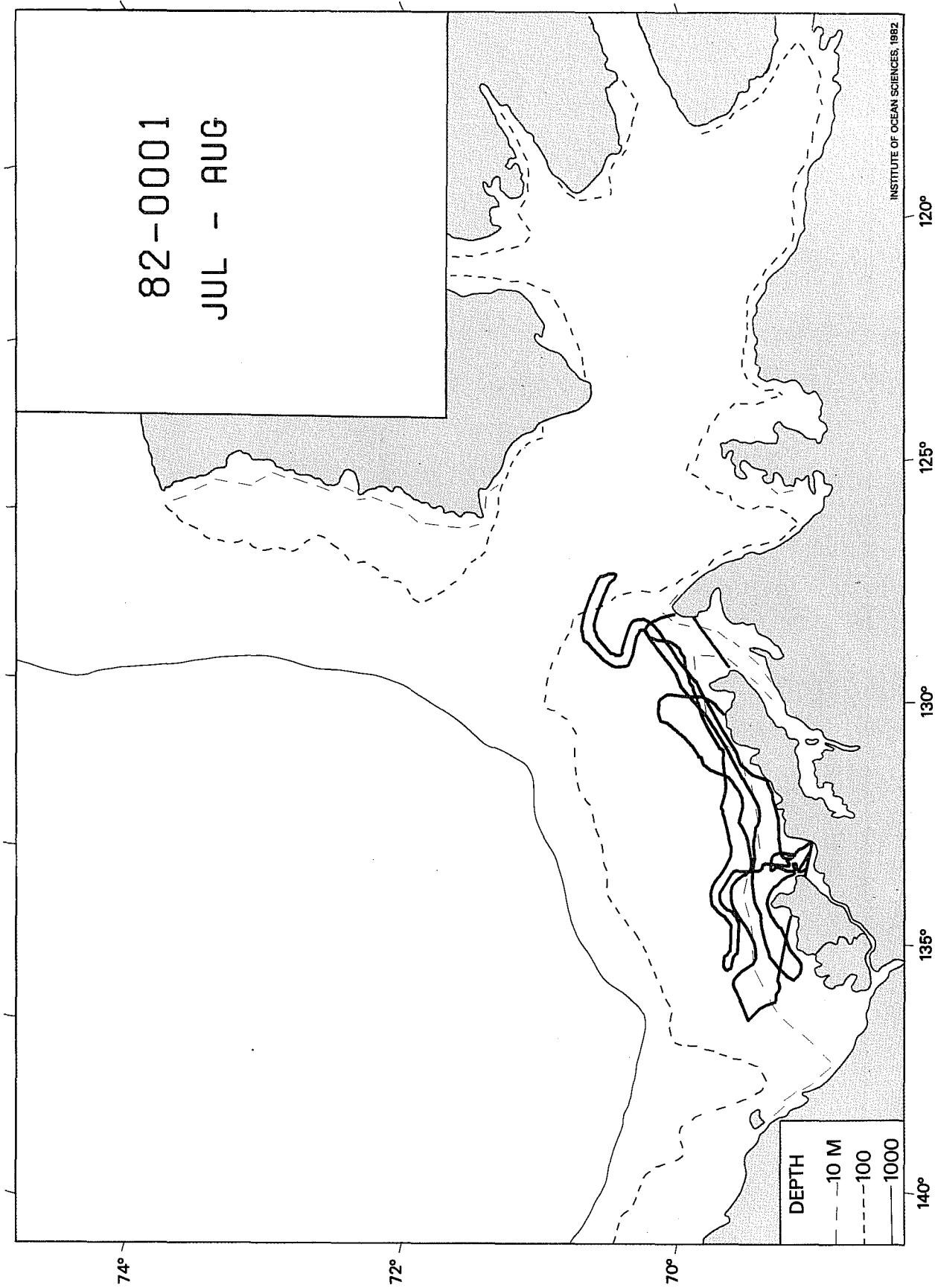


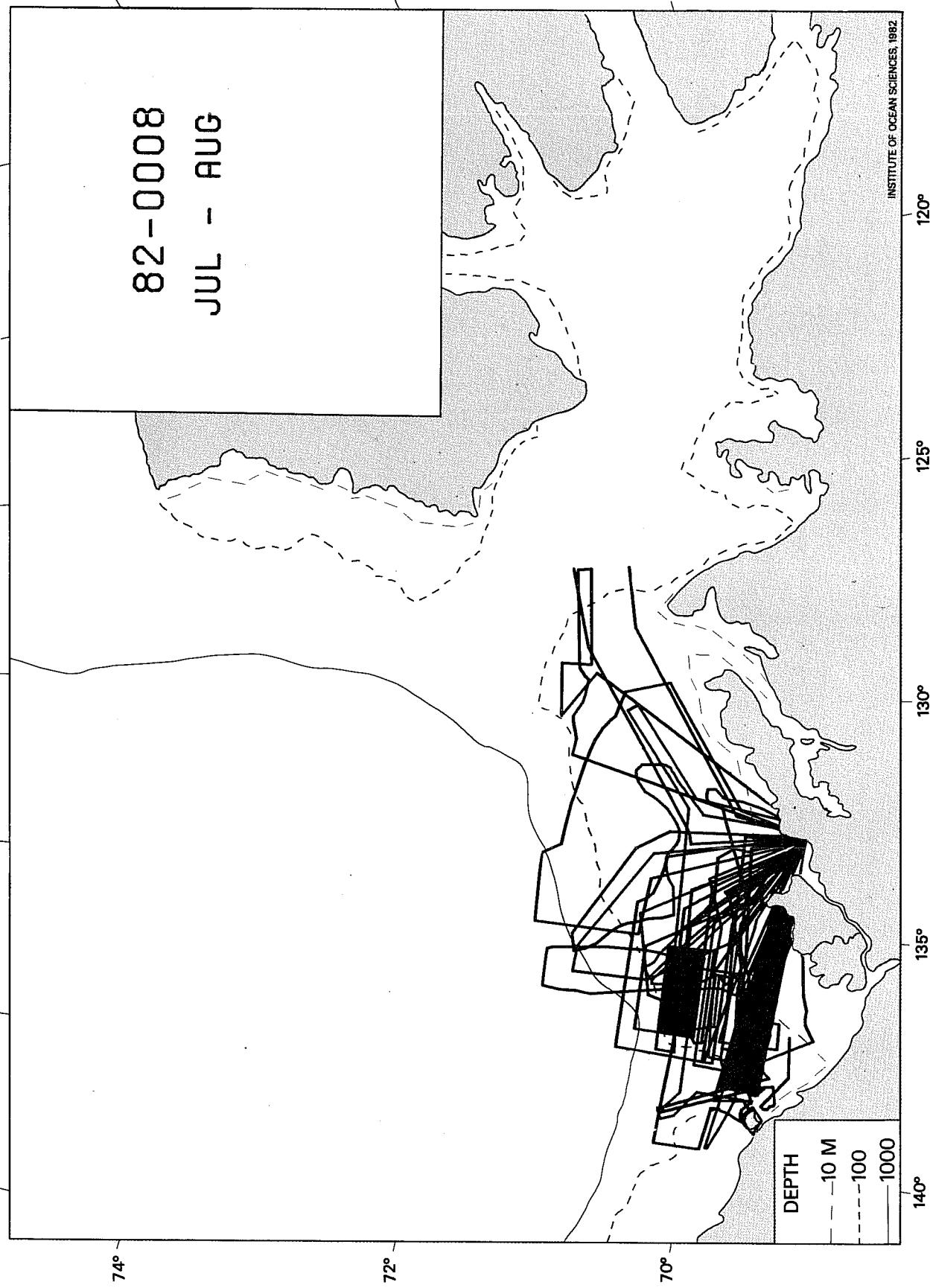


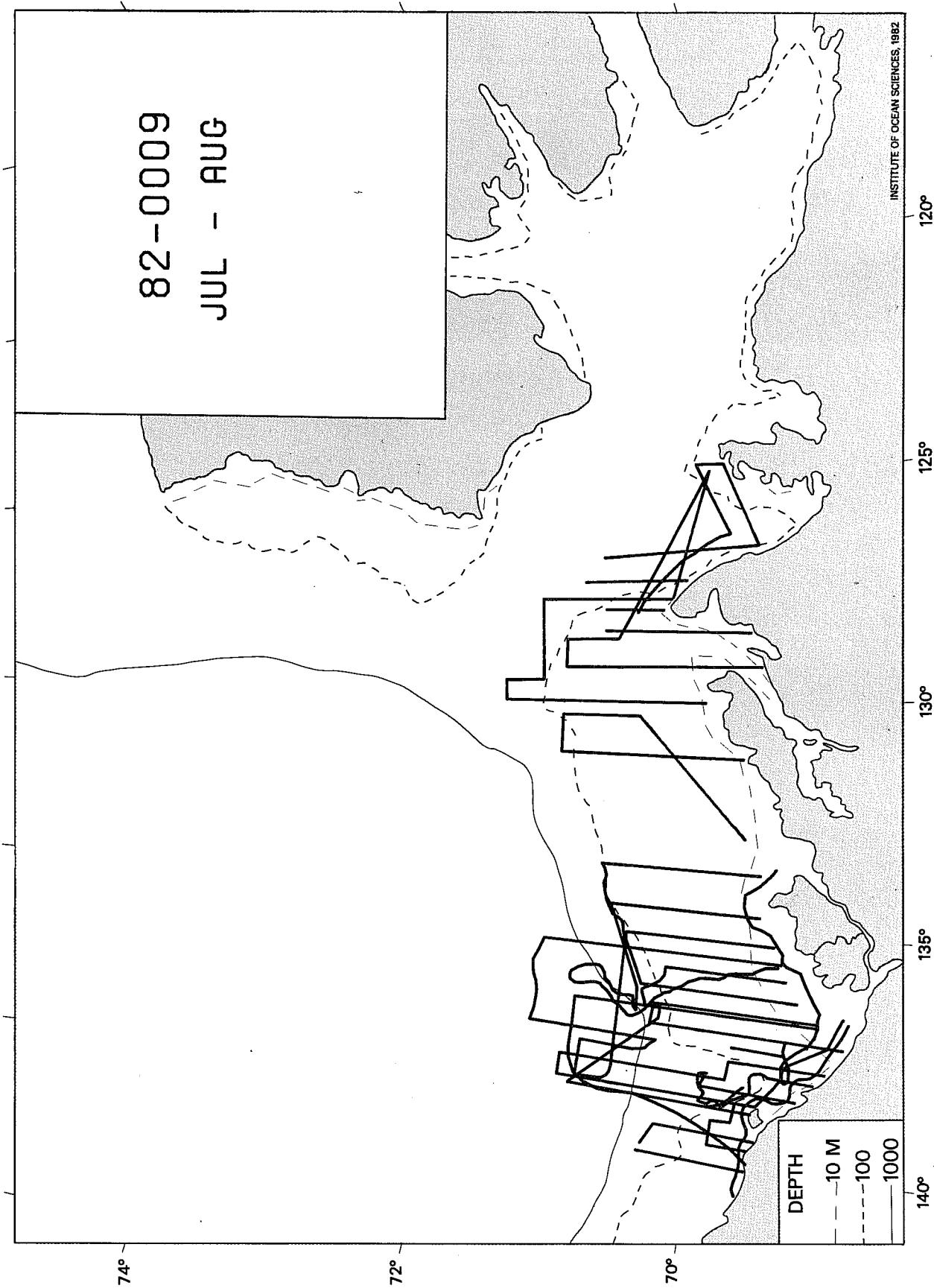








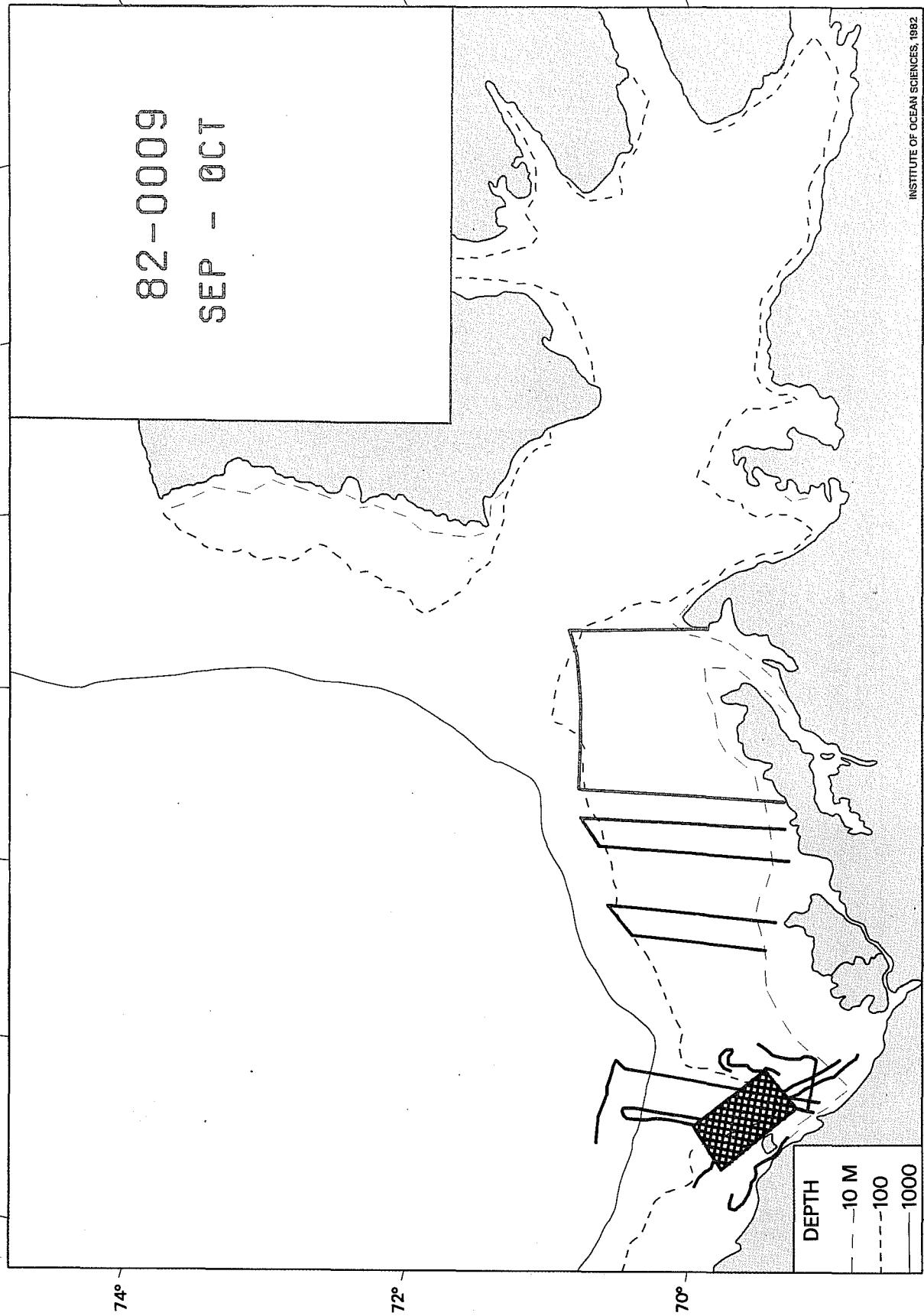


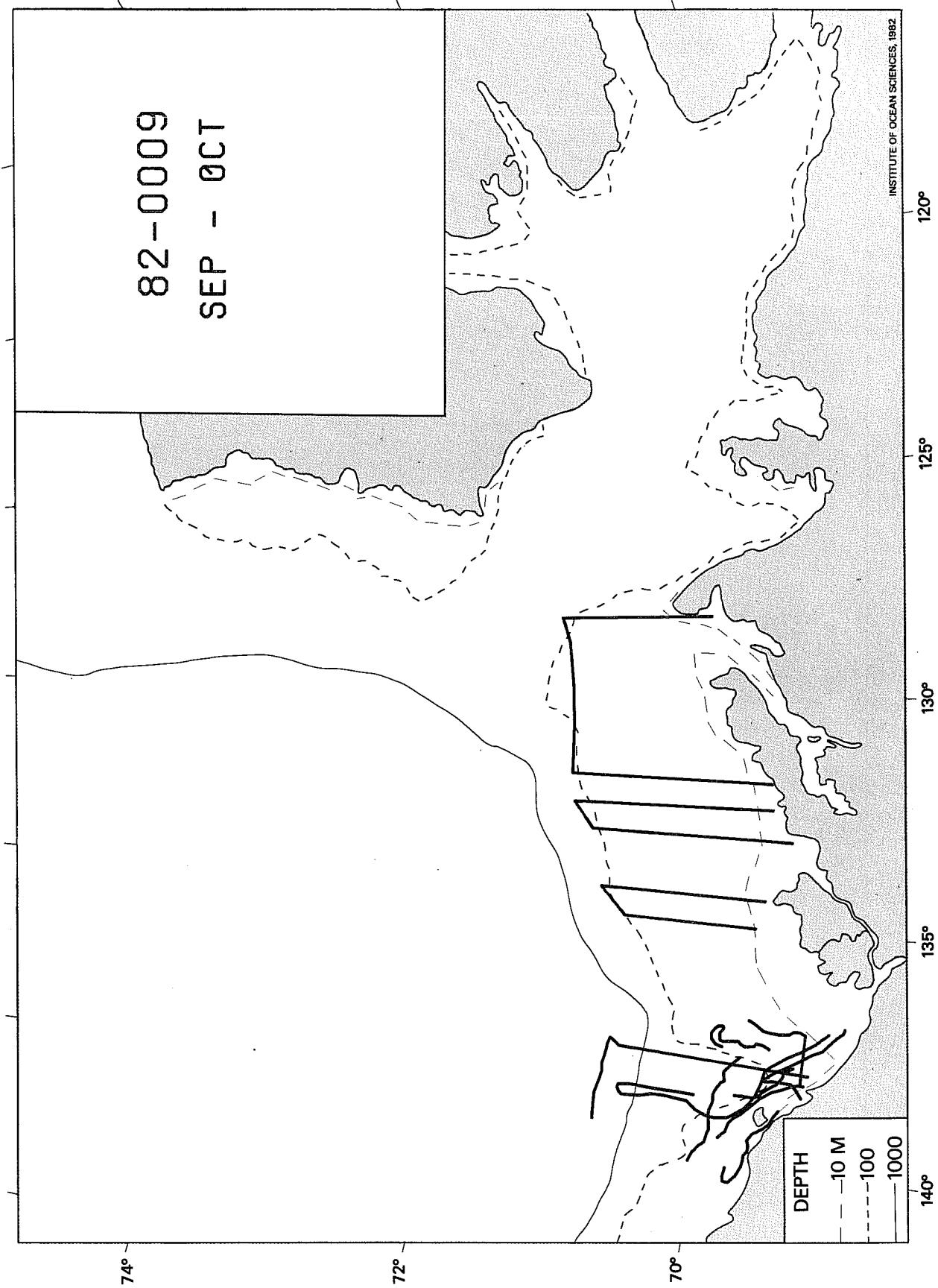


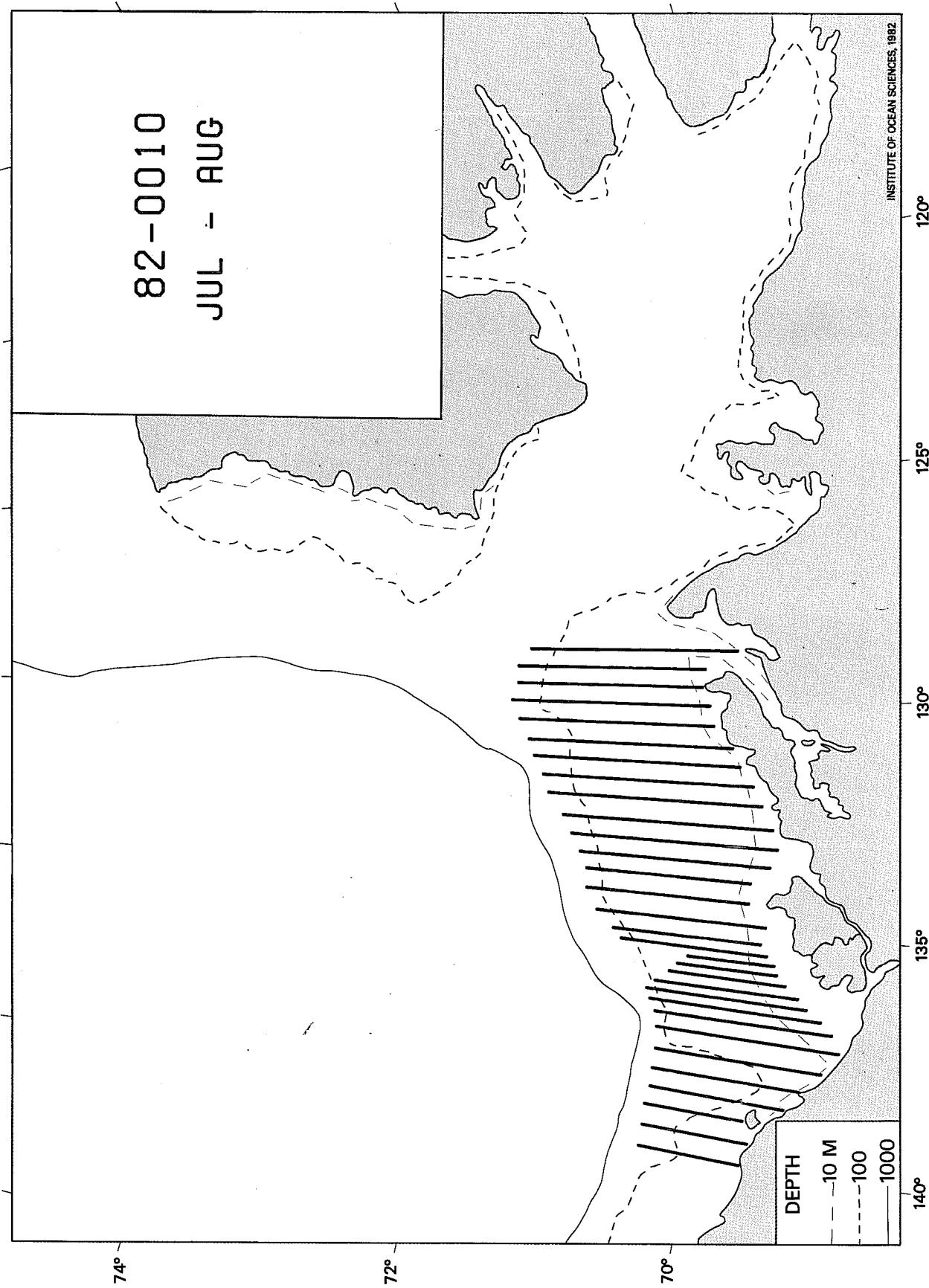
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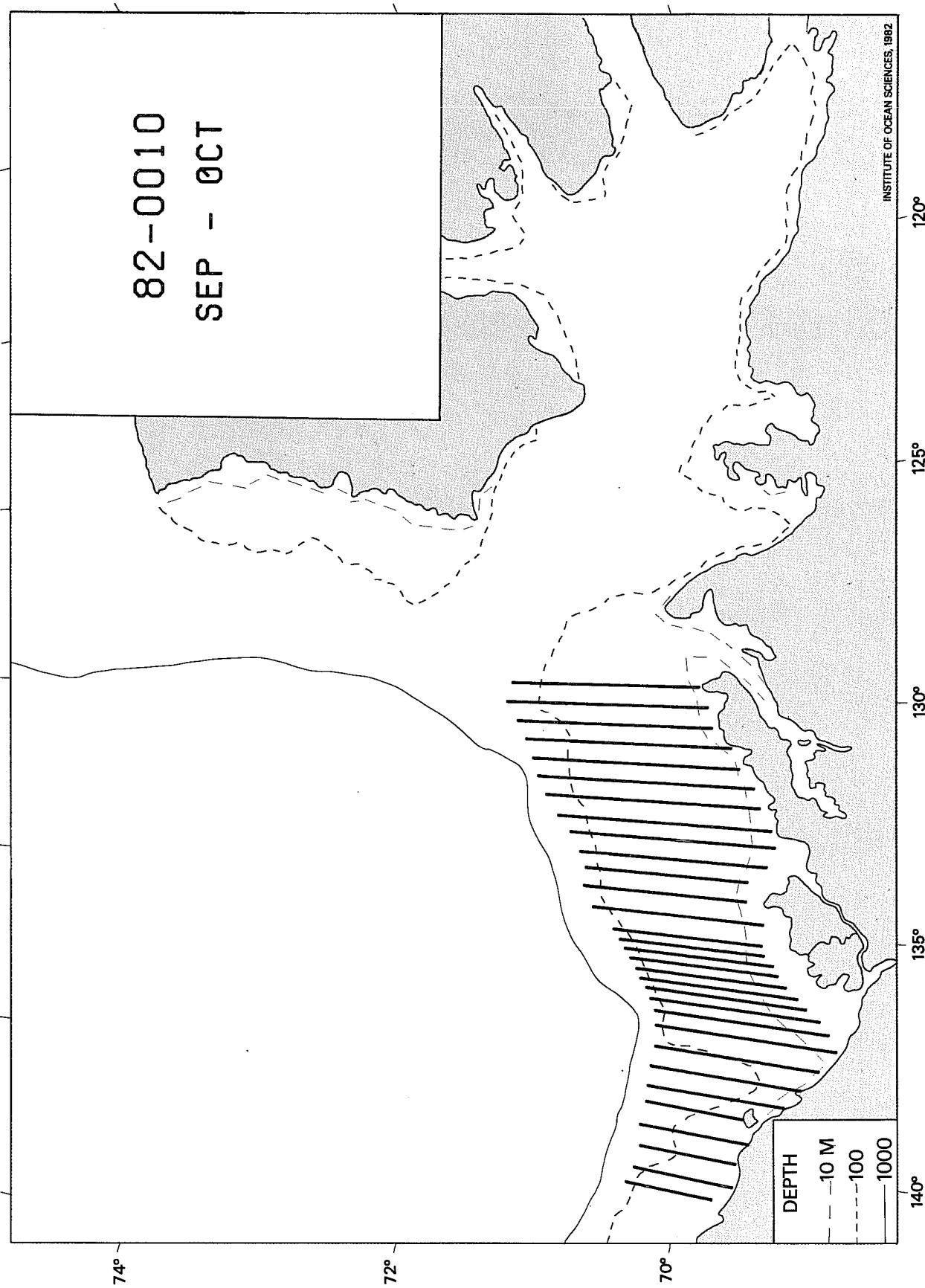
INSTITUTE OF OCEAN SCIENCES, 1982
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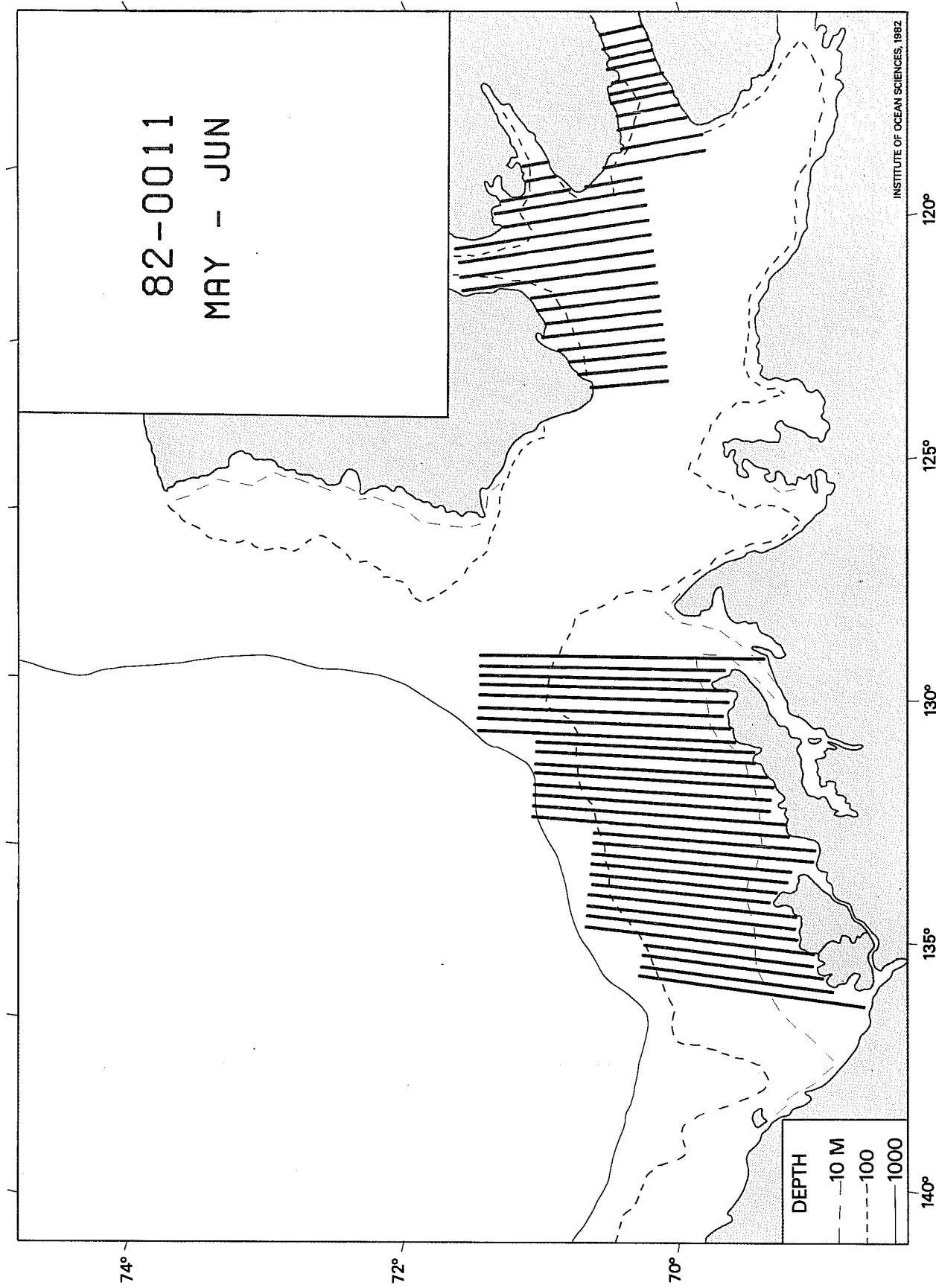
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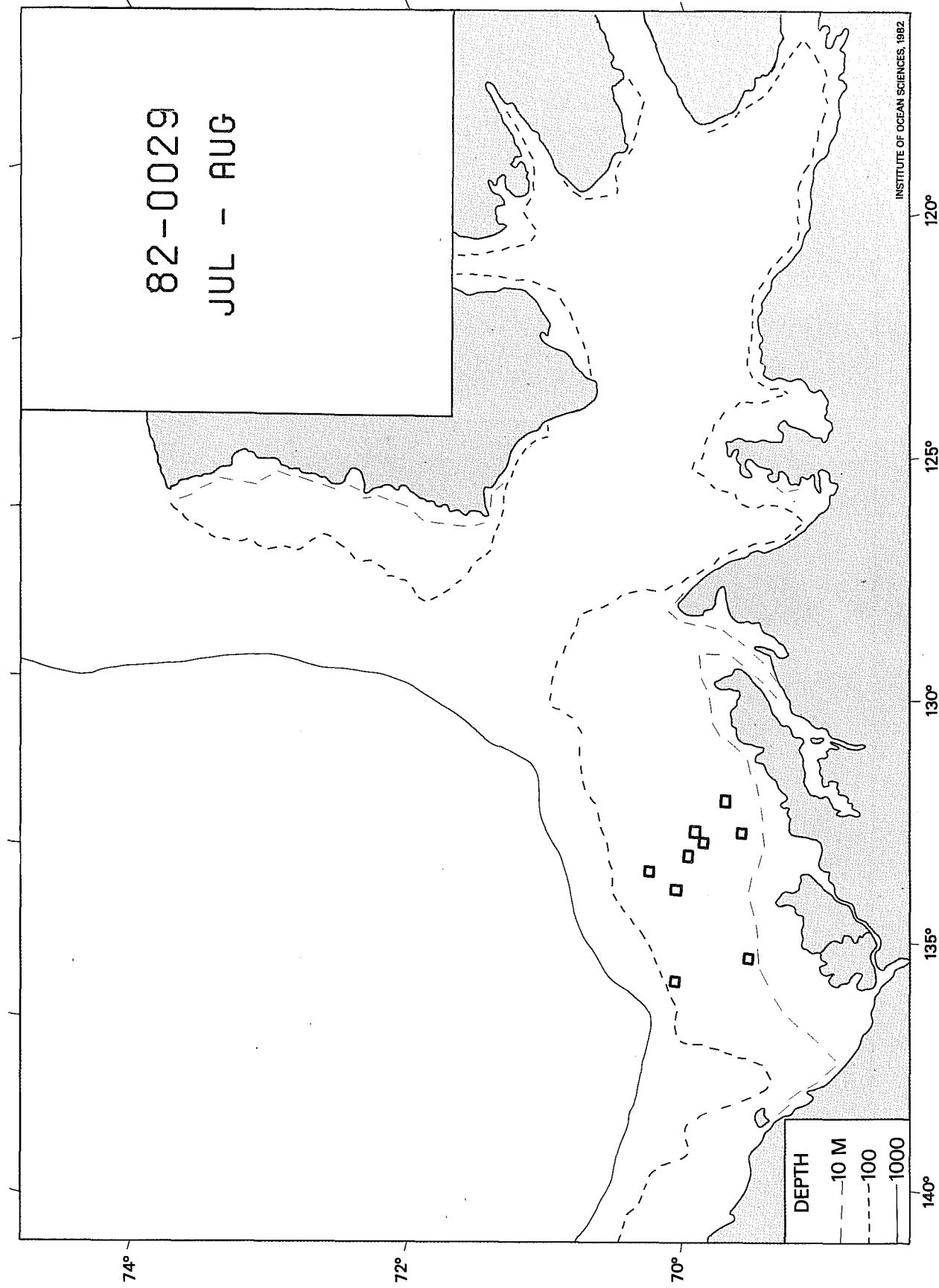


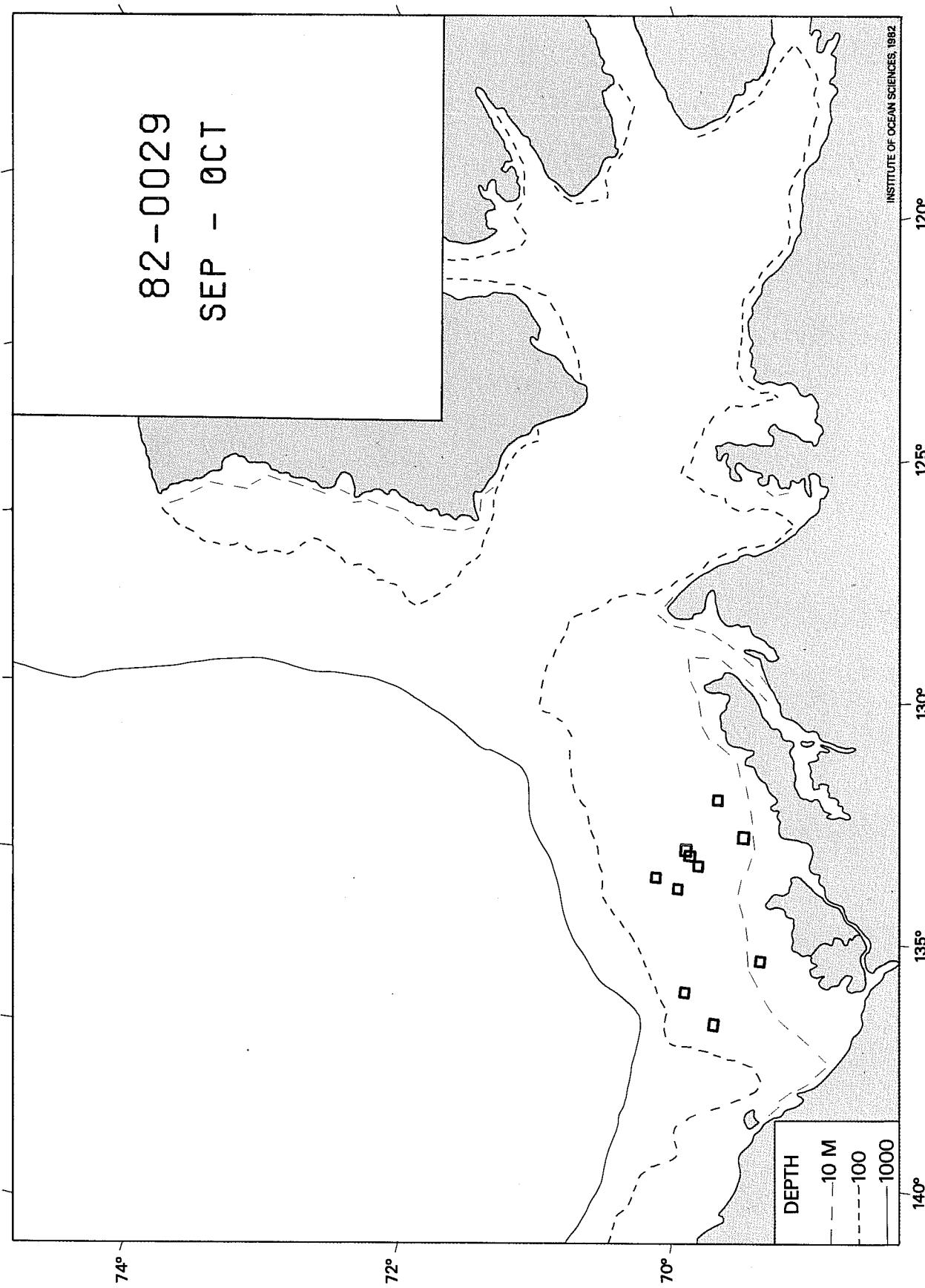


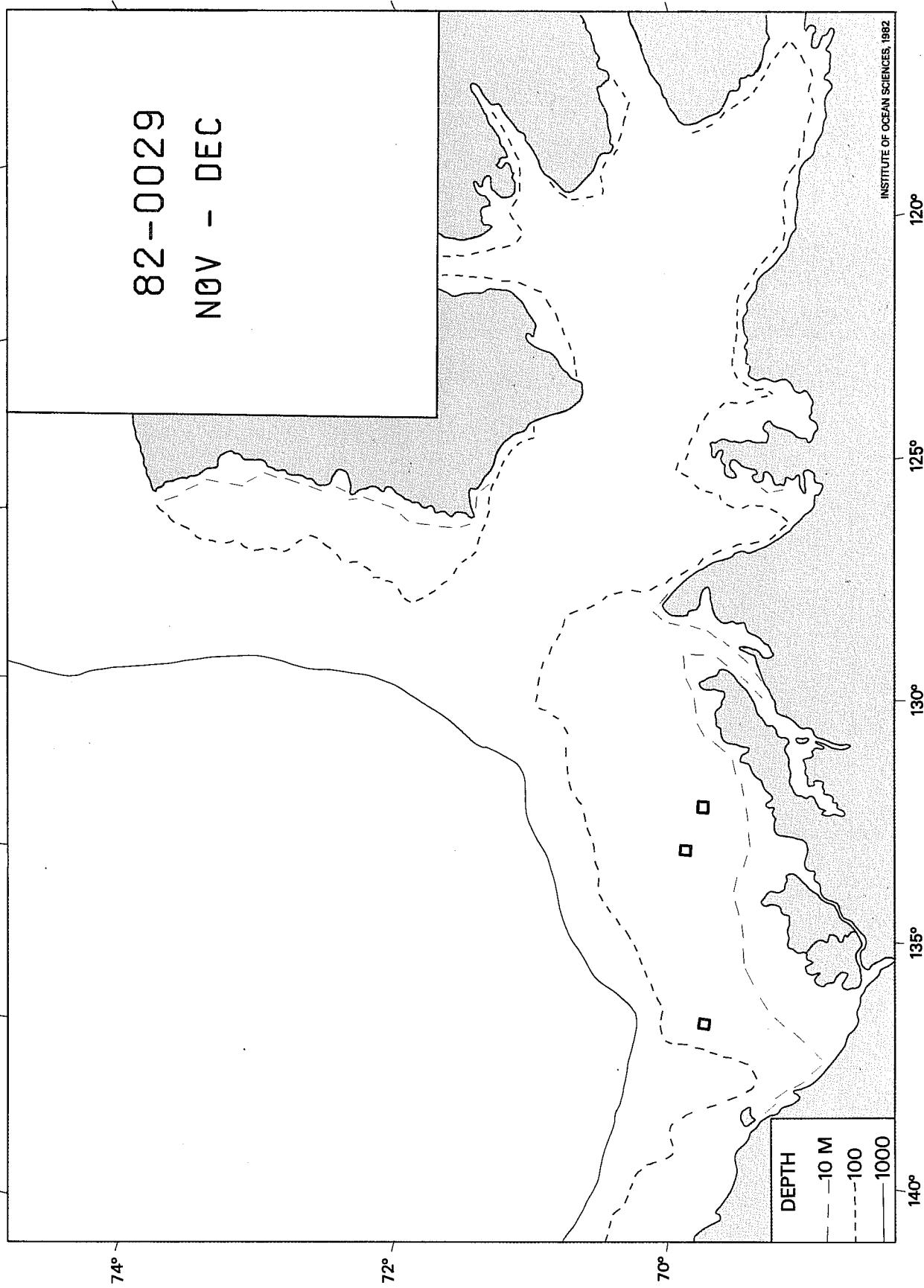


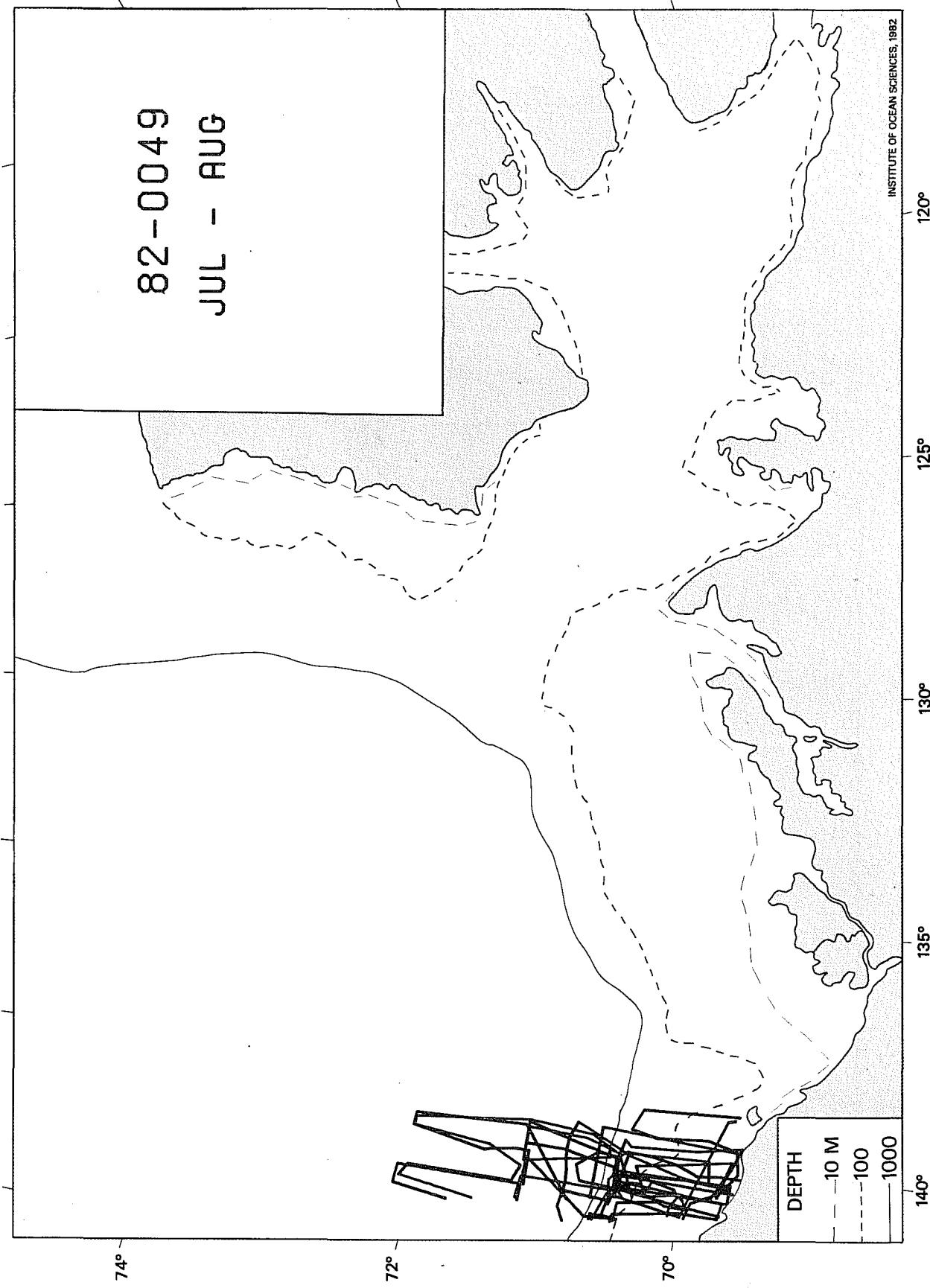


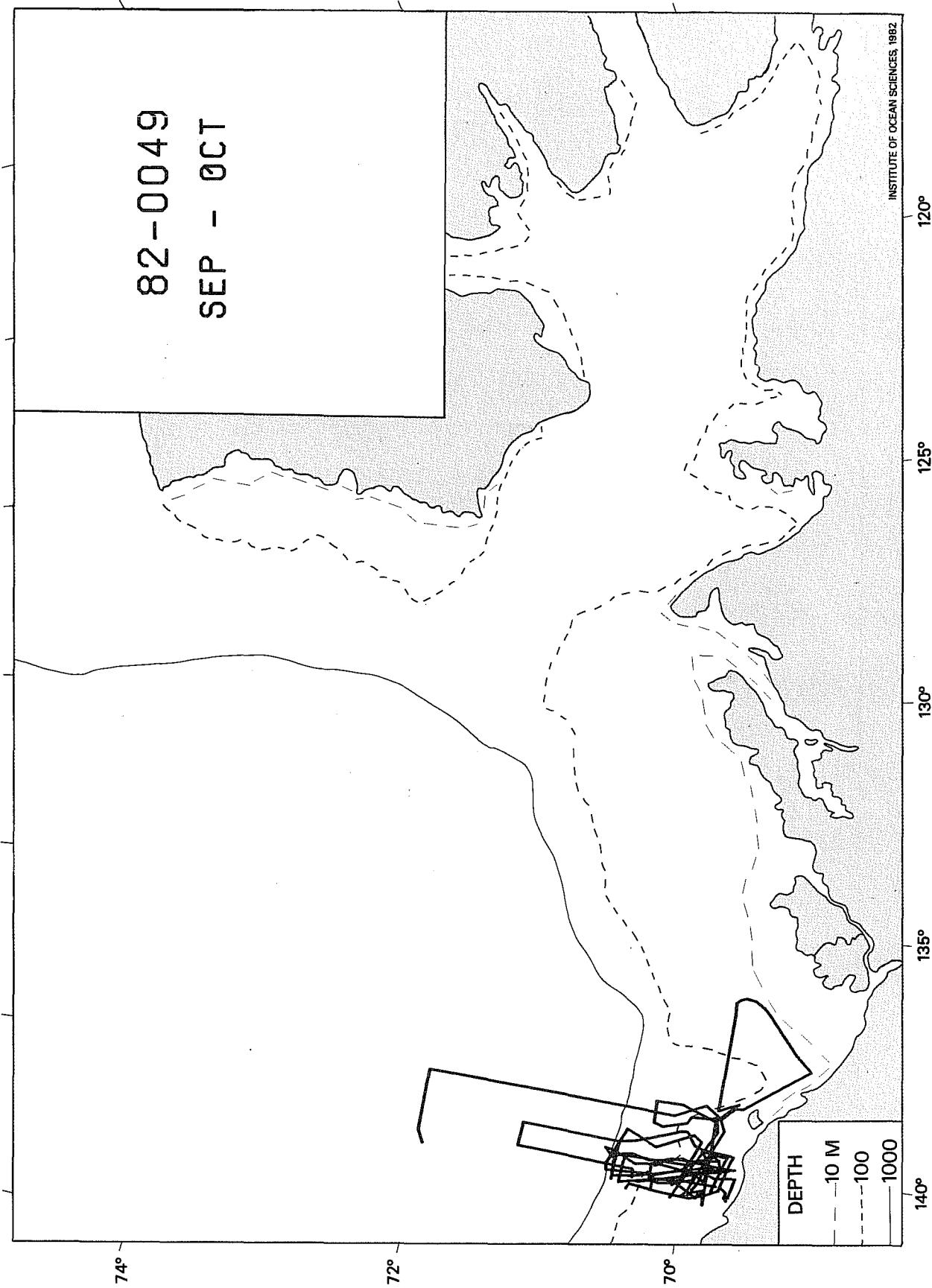


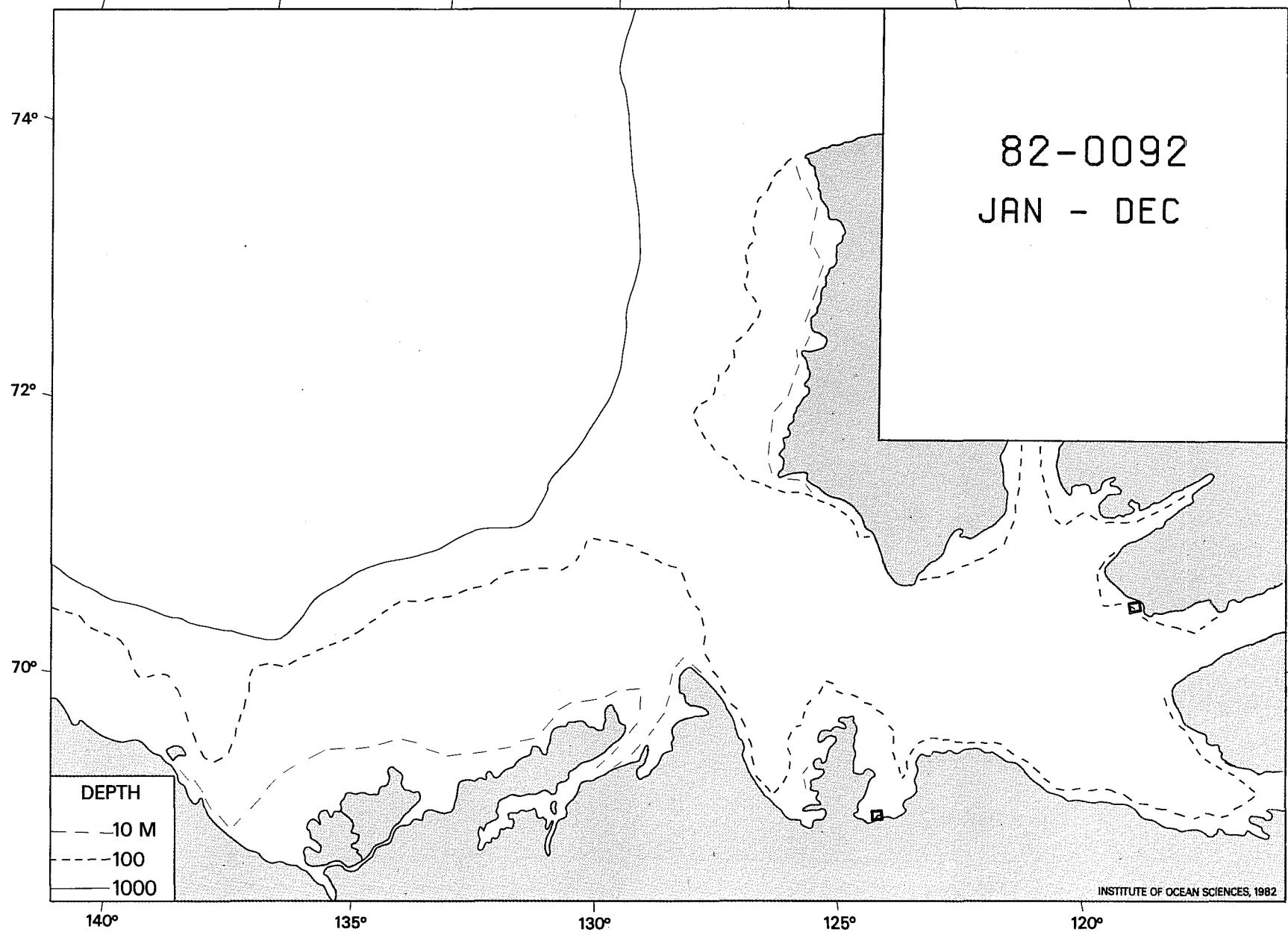


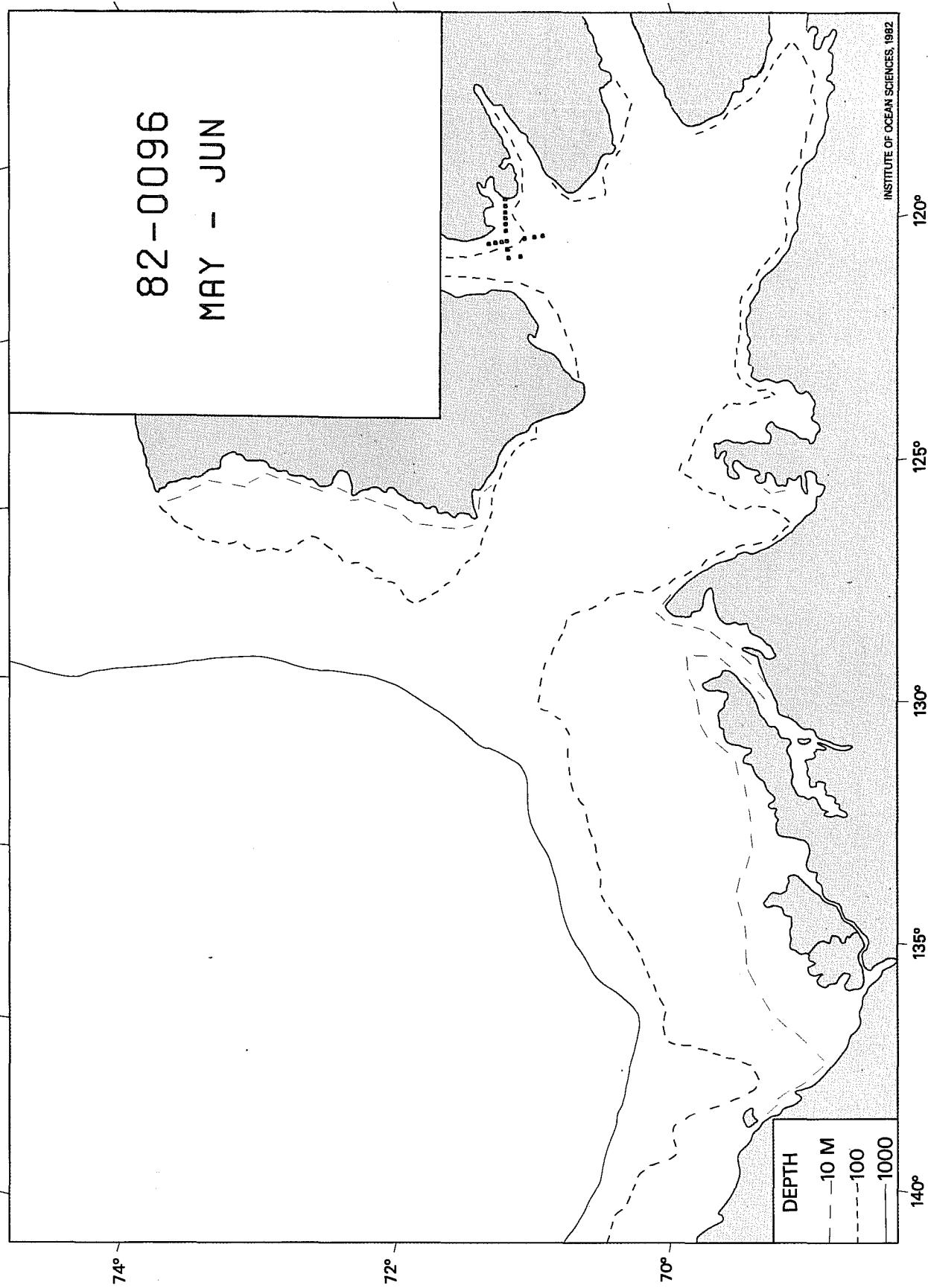


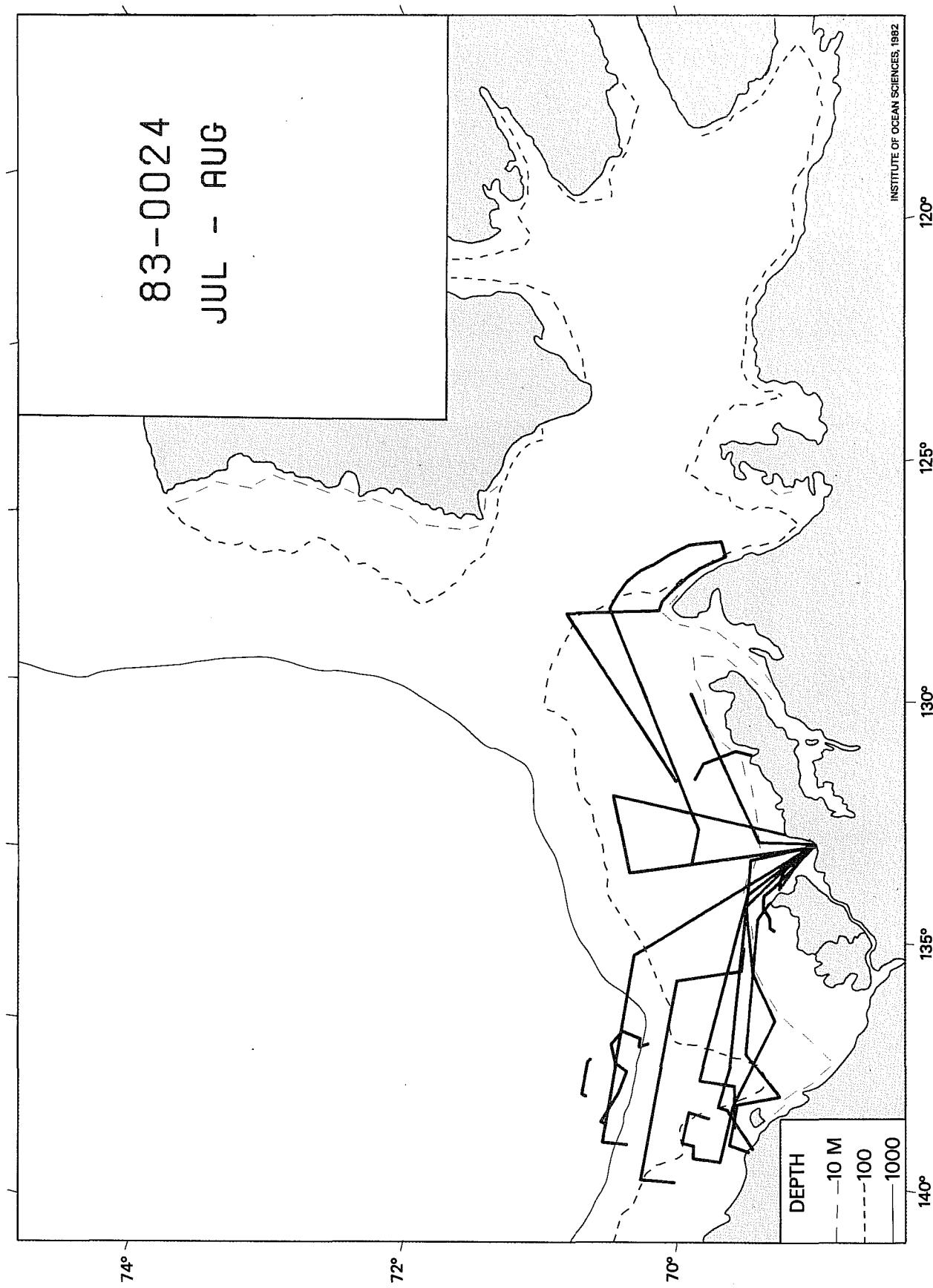


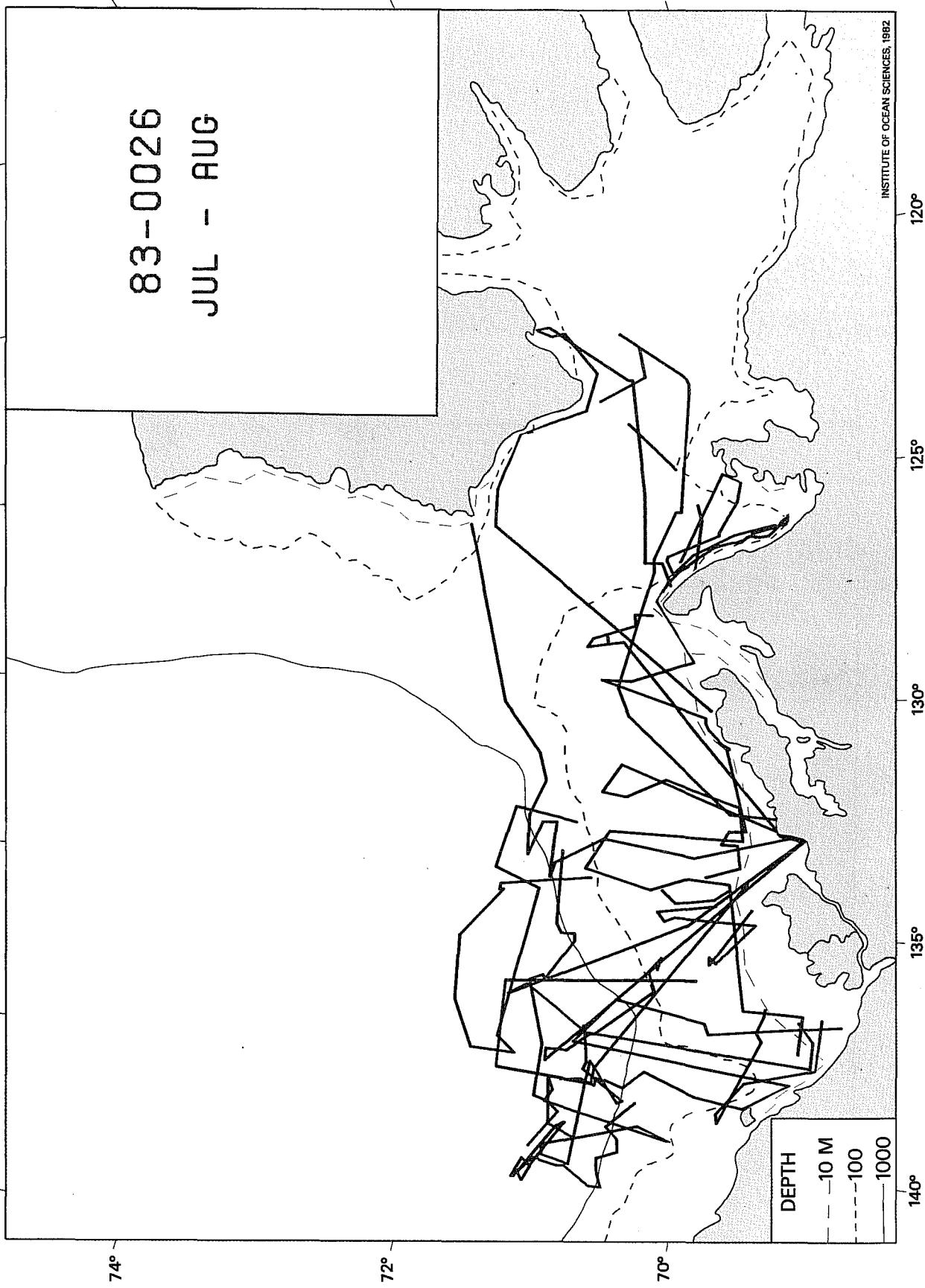


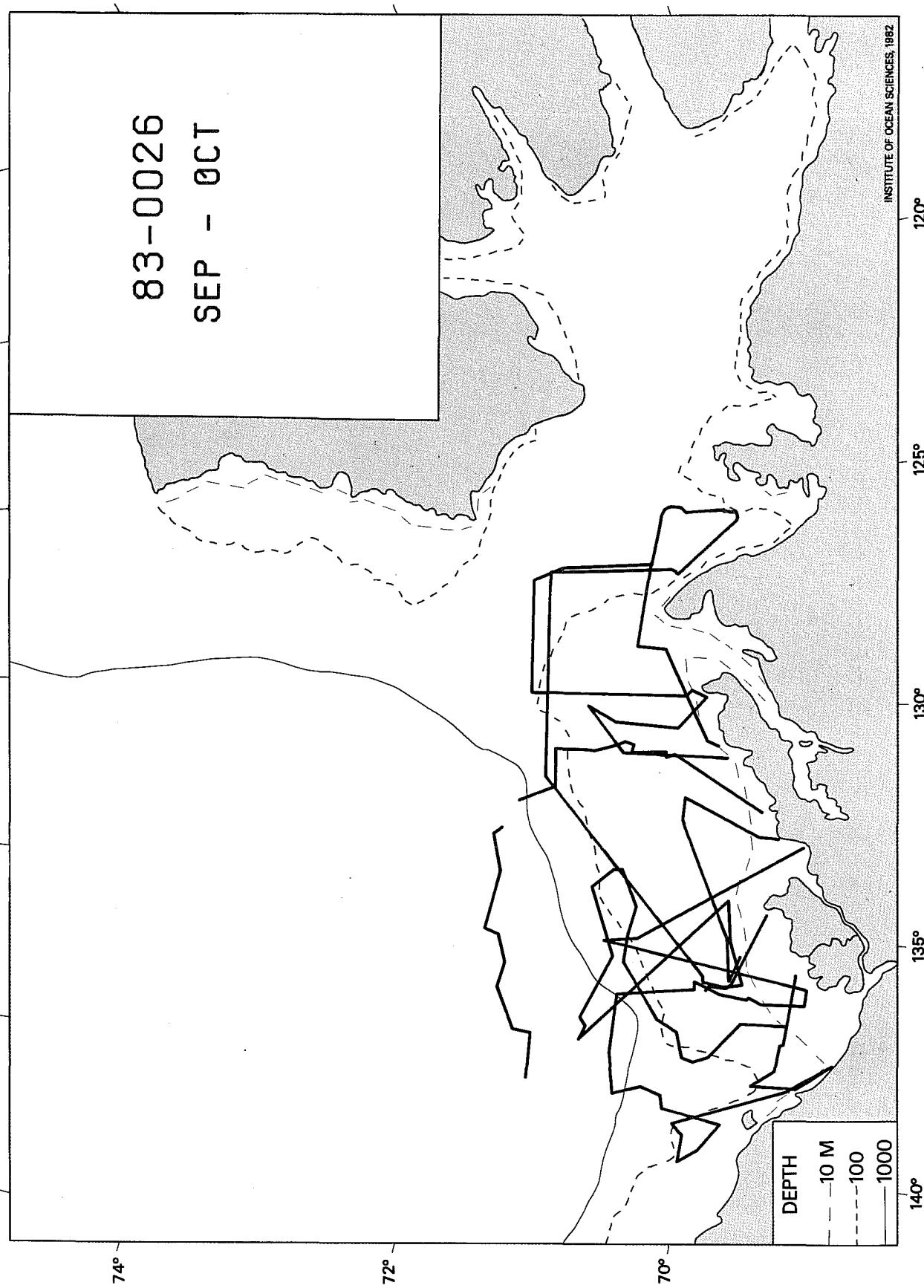


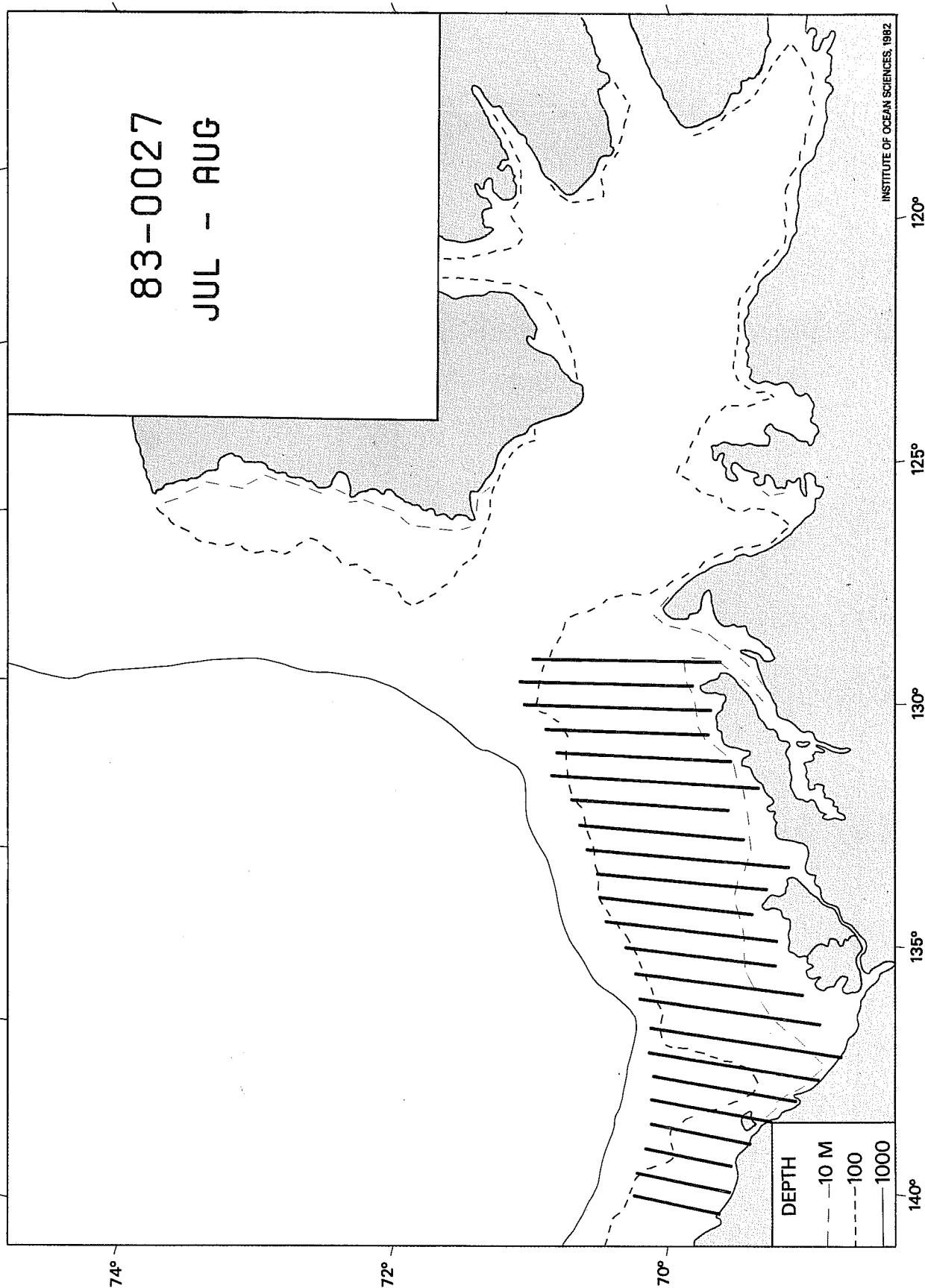


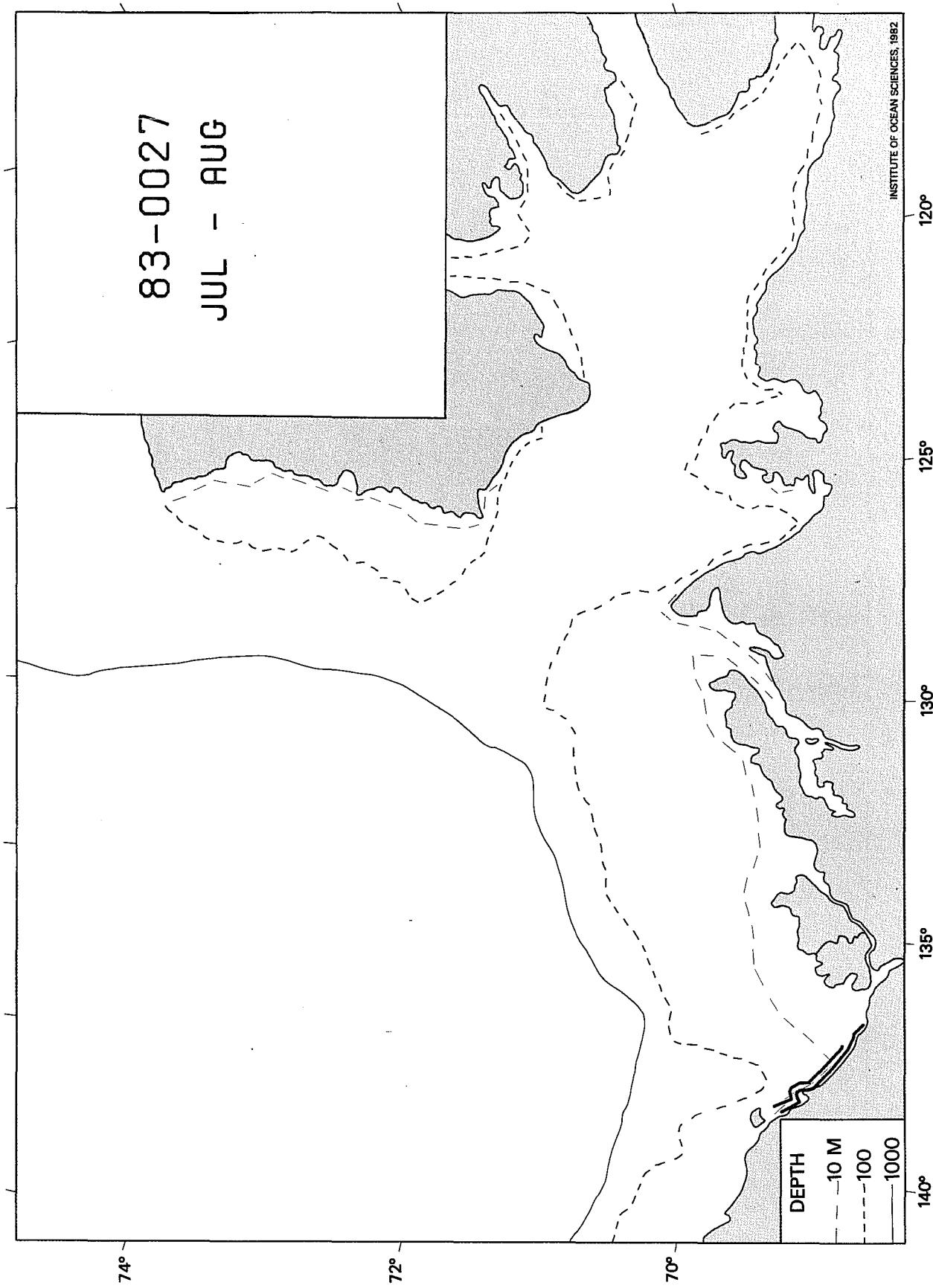


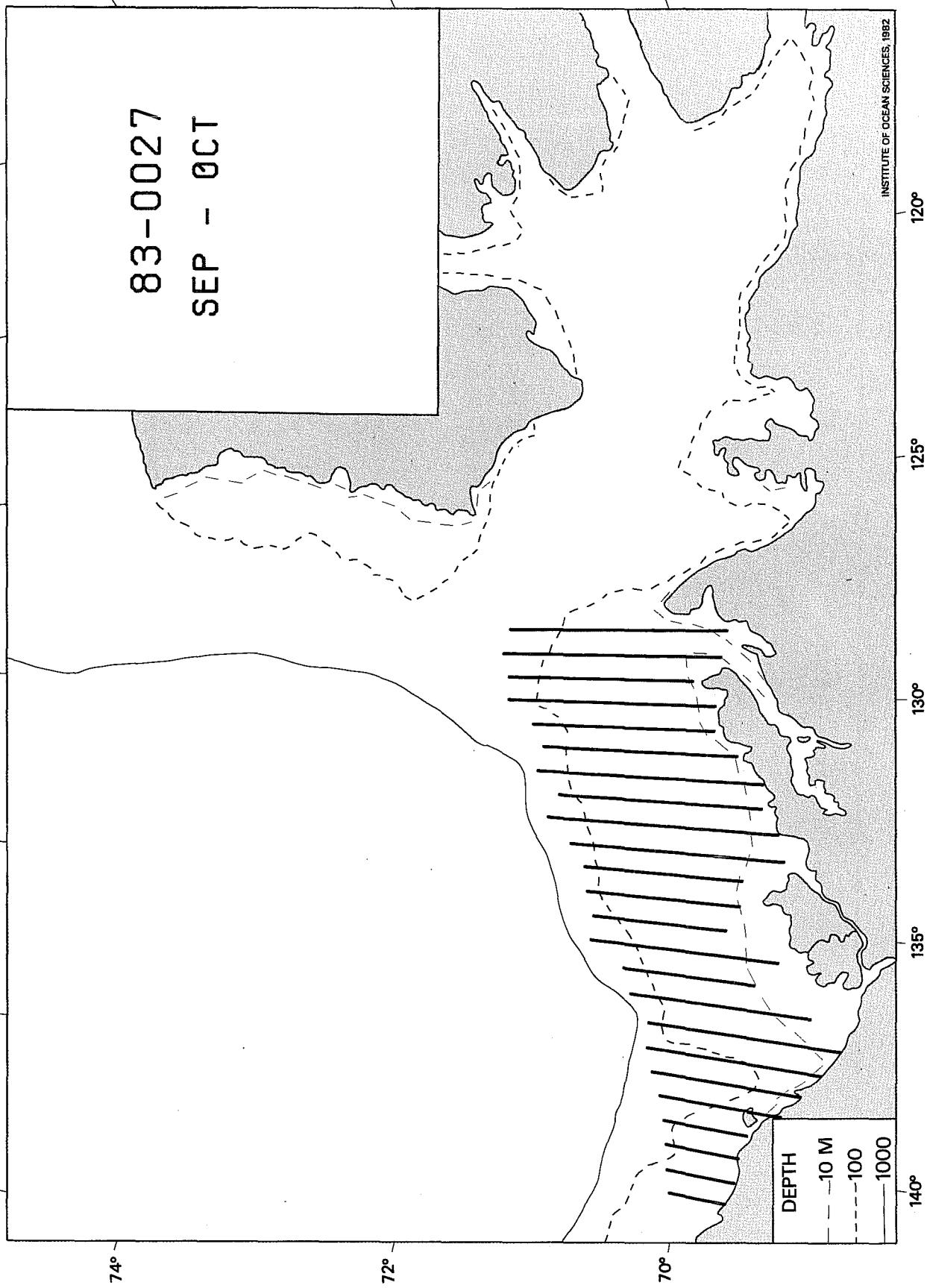


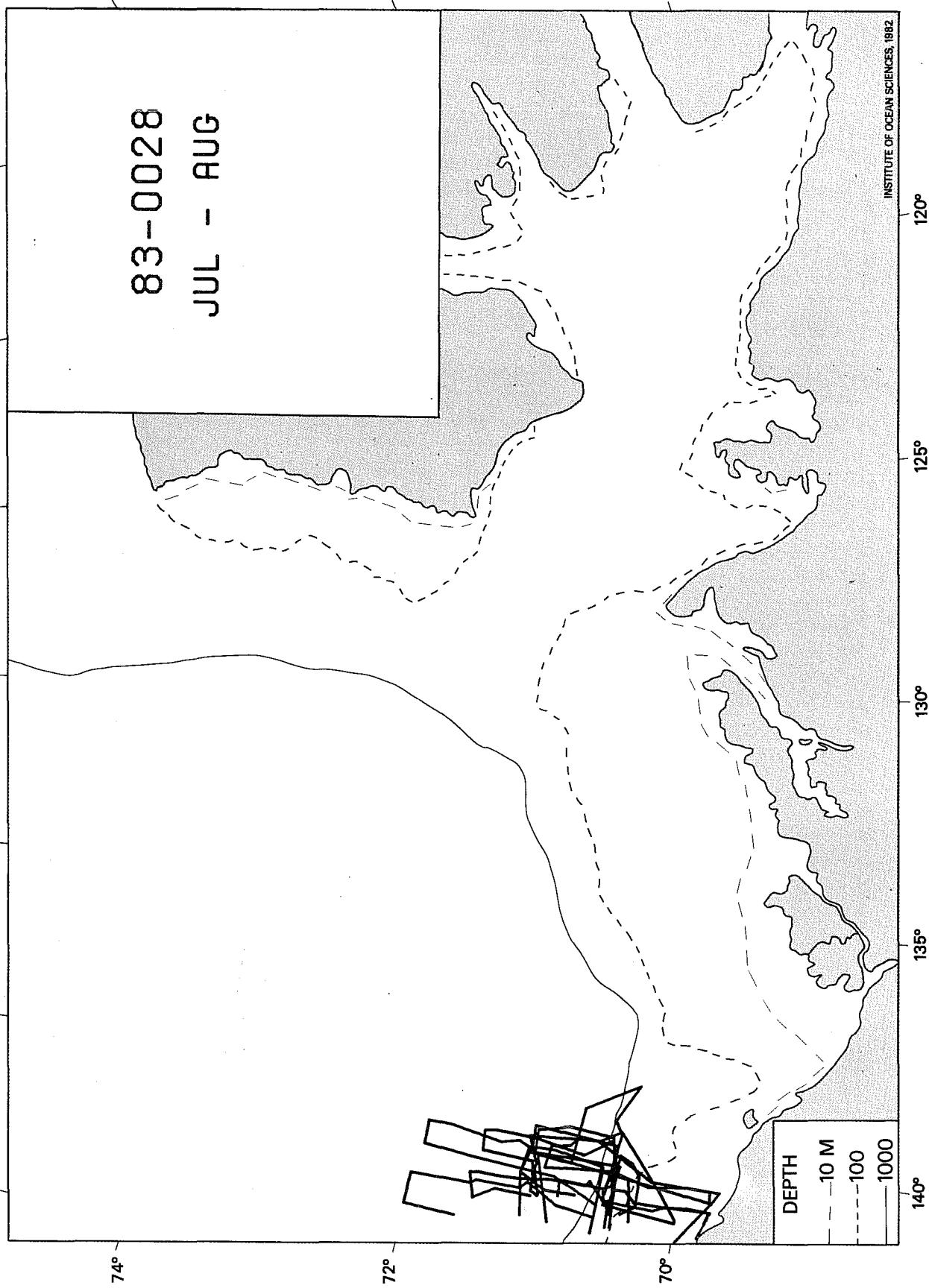


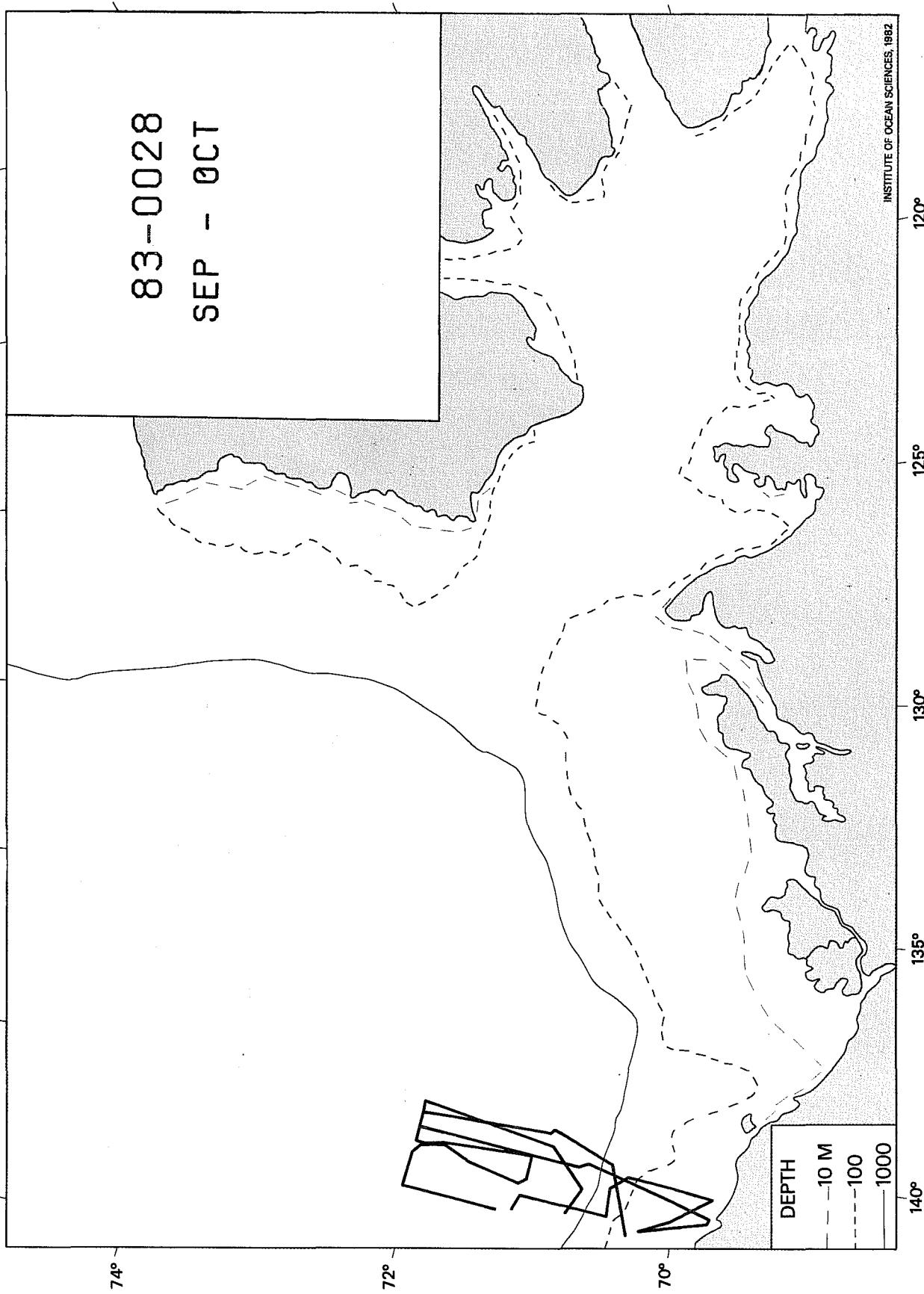


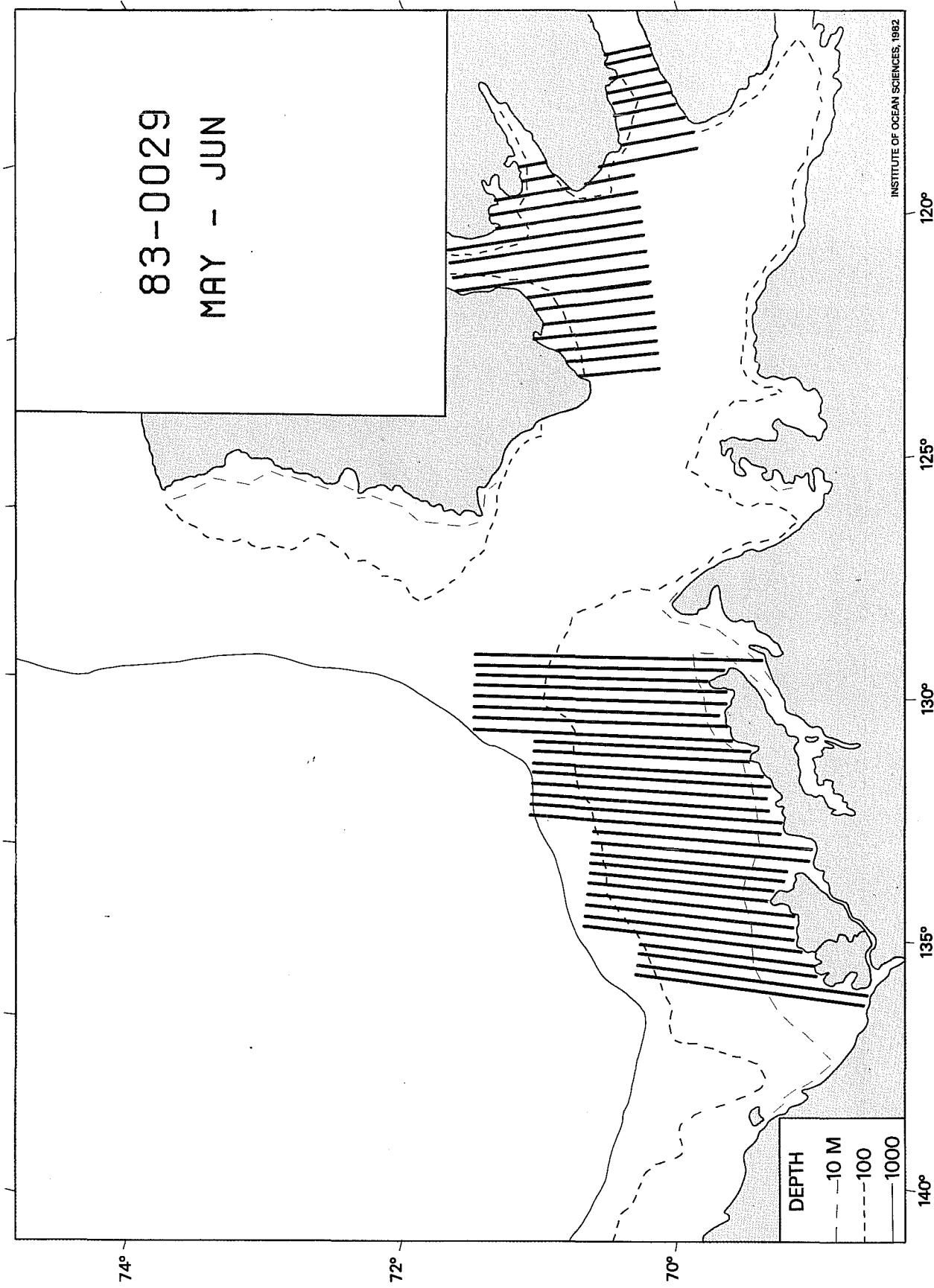


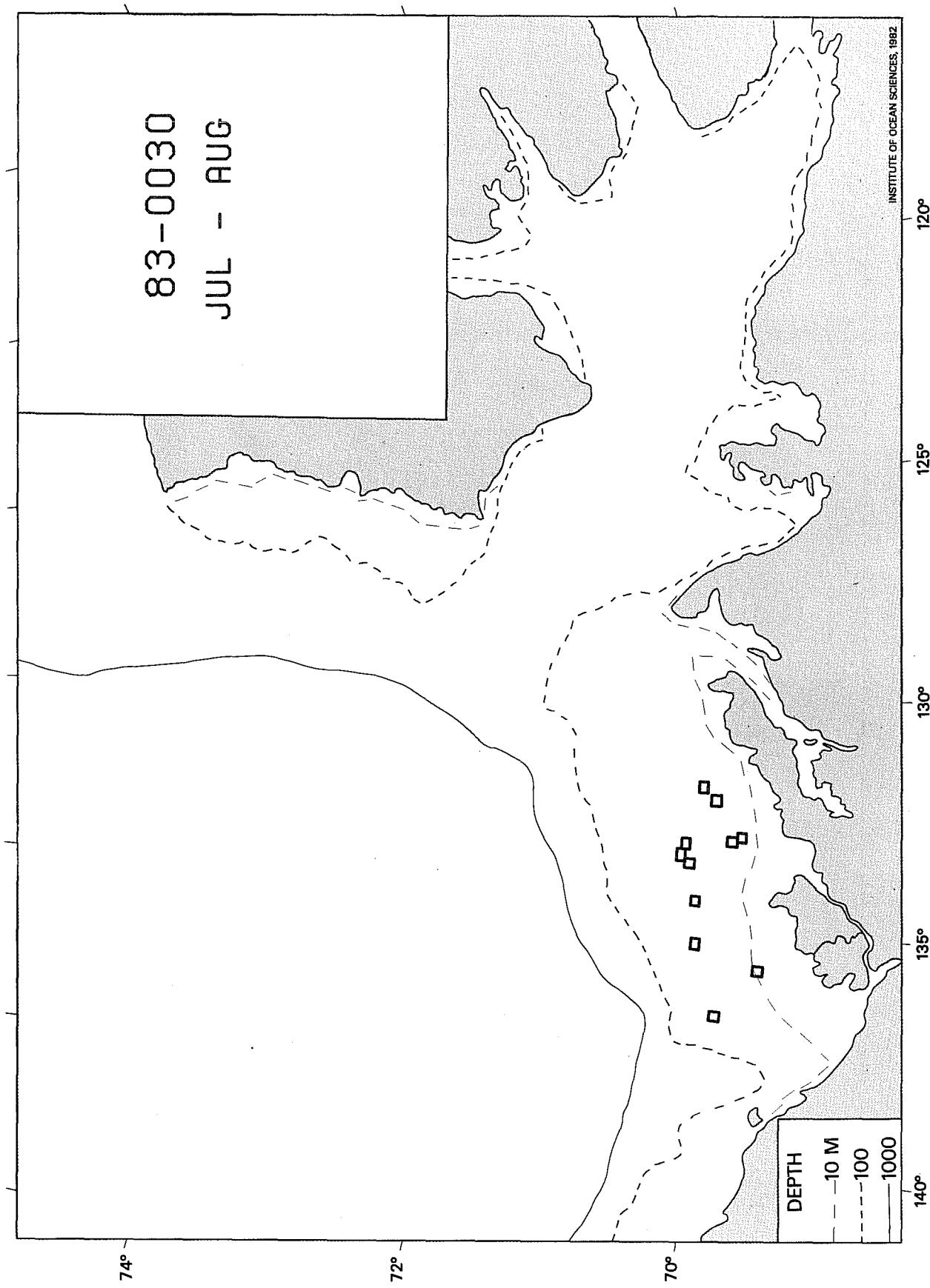


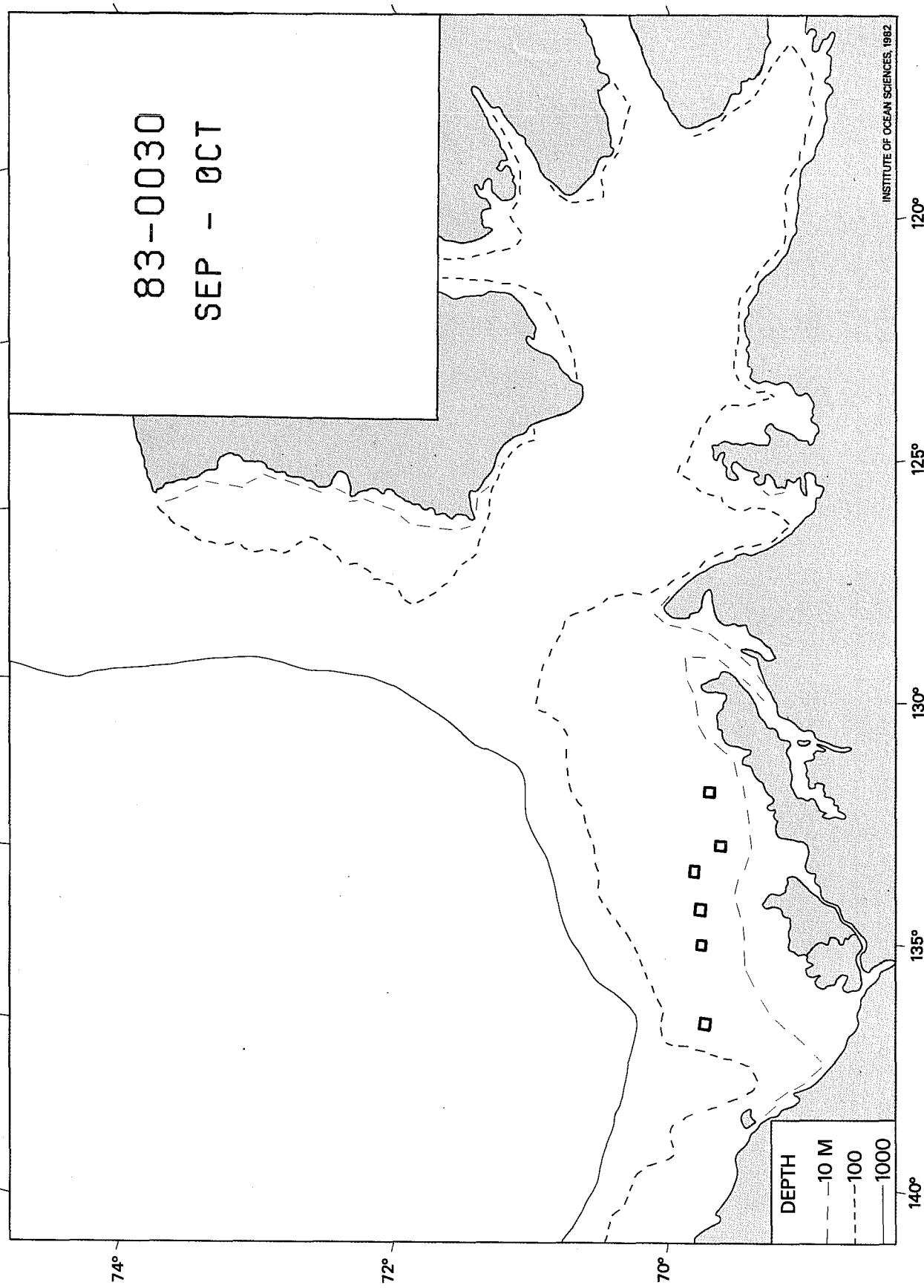


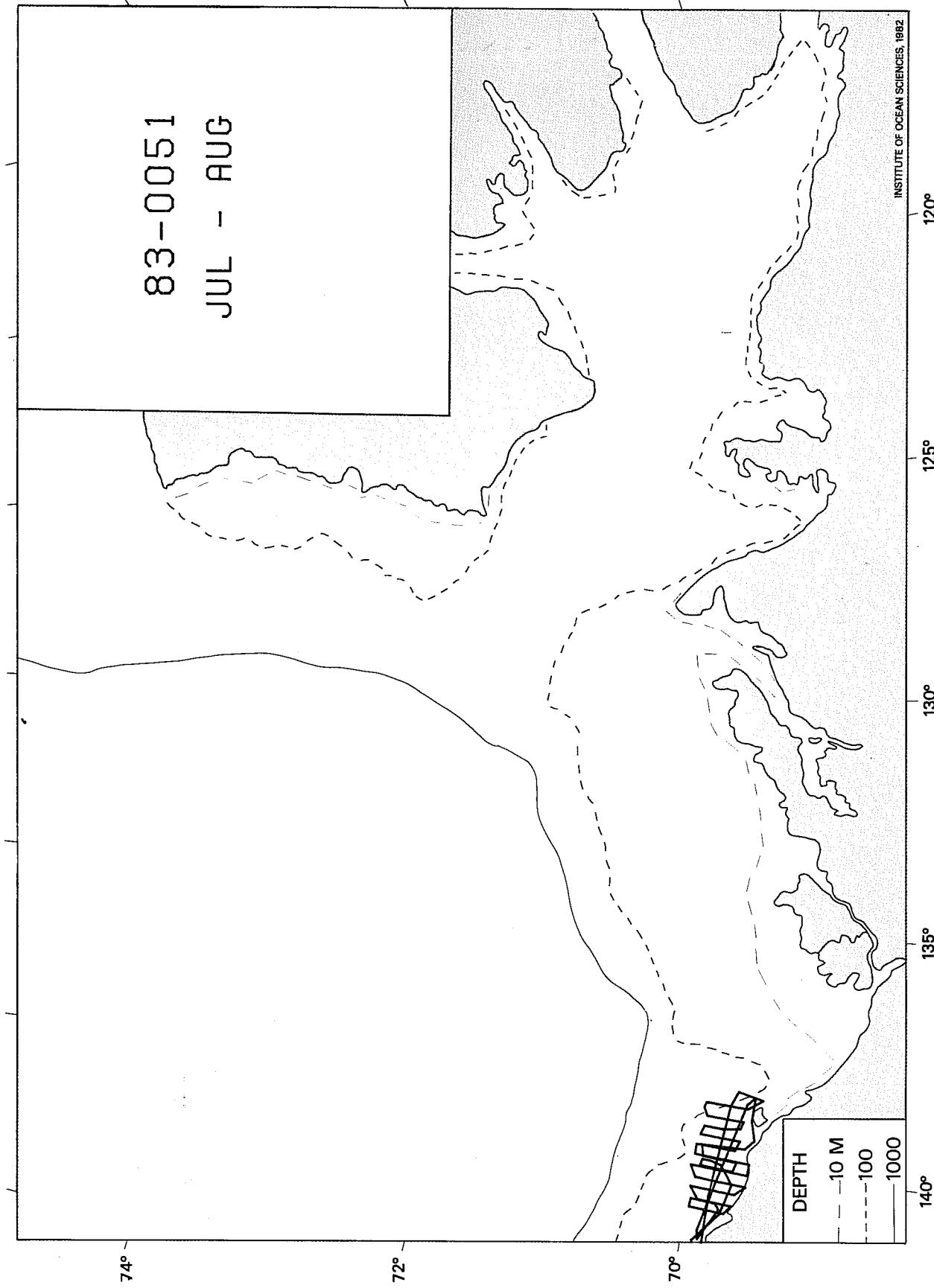


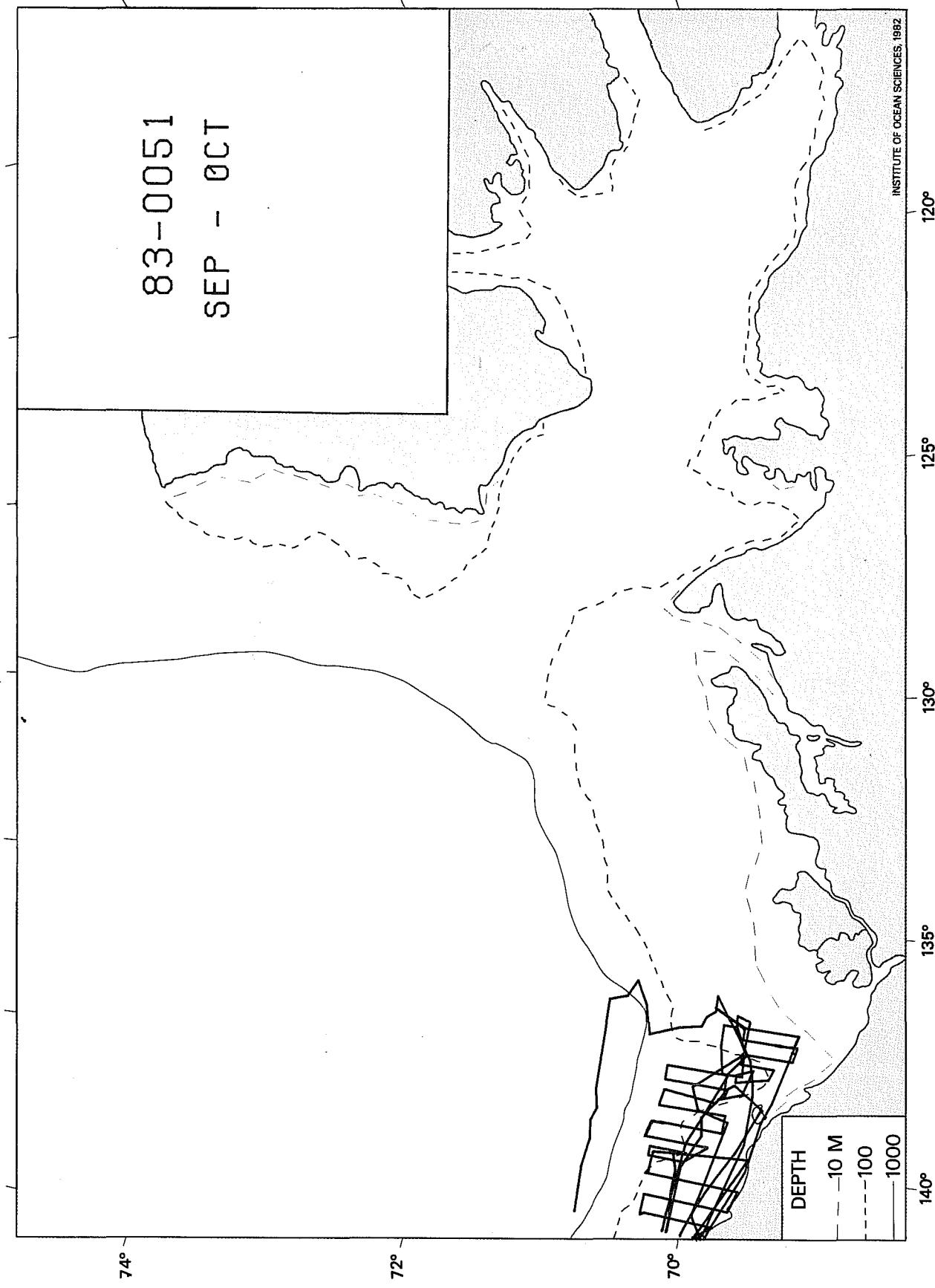


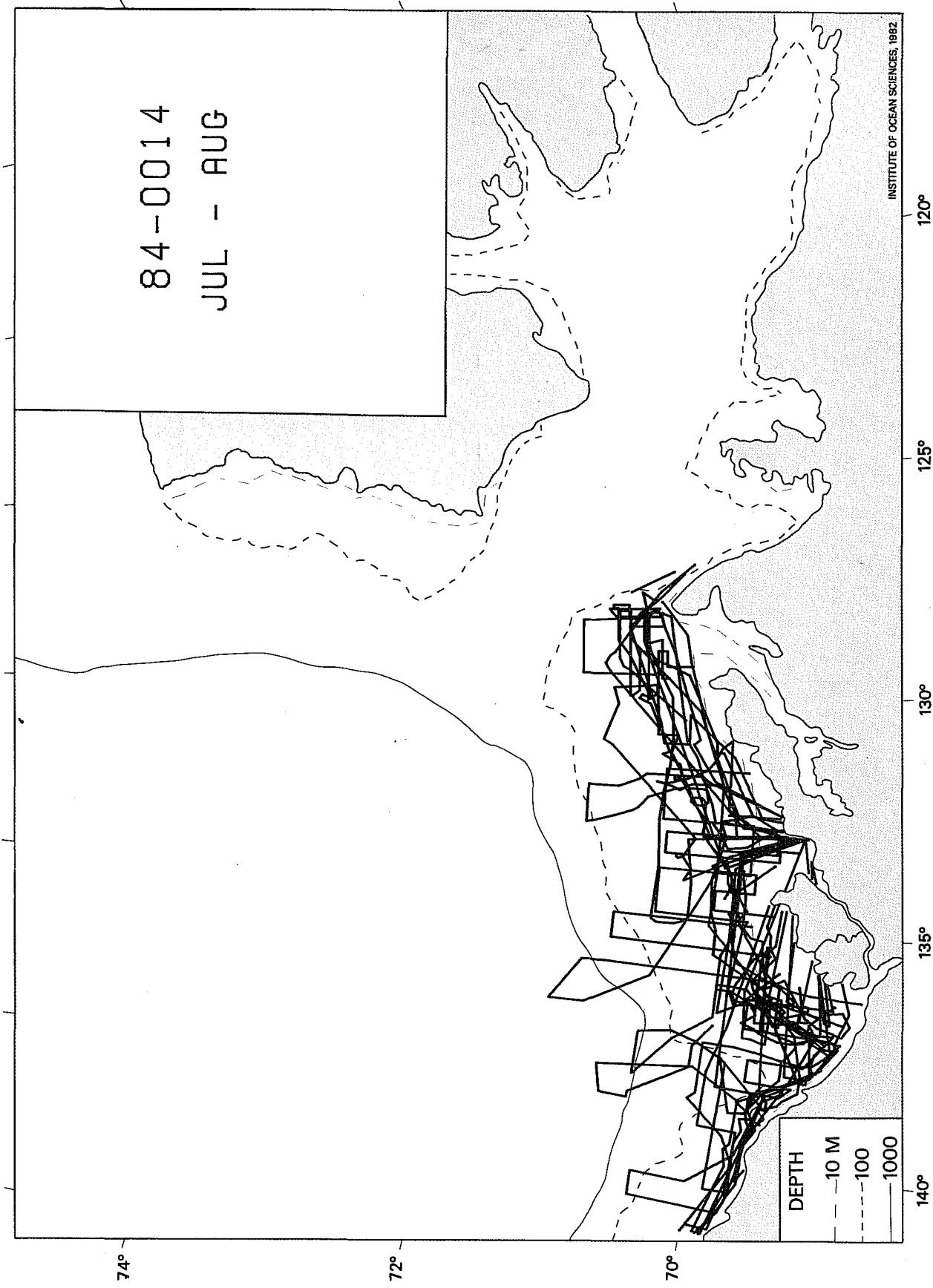


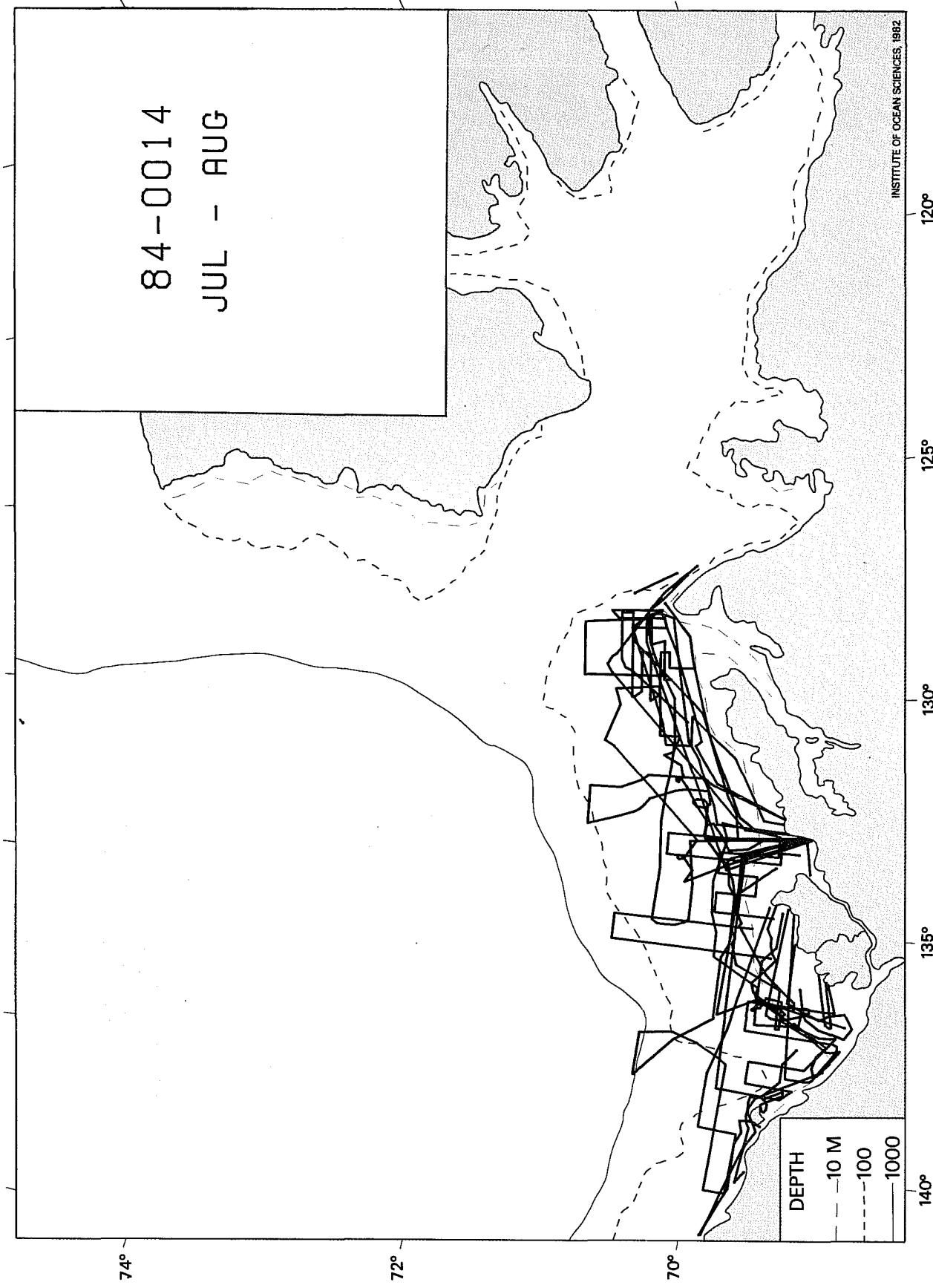


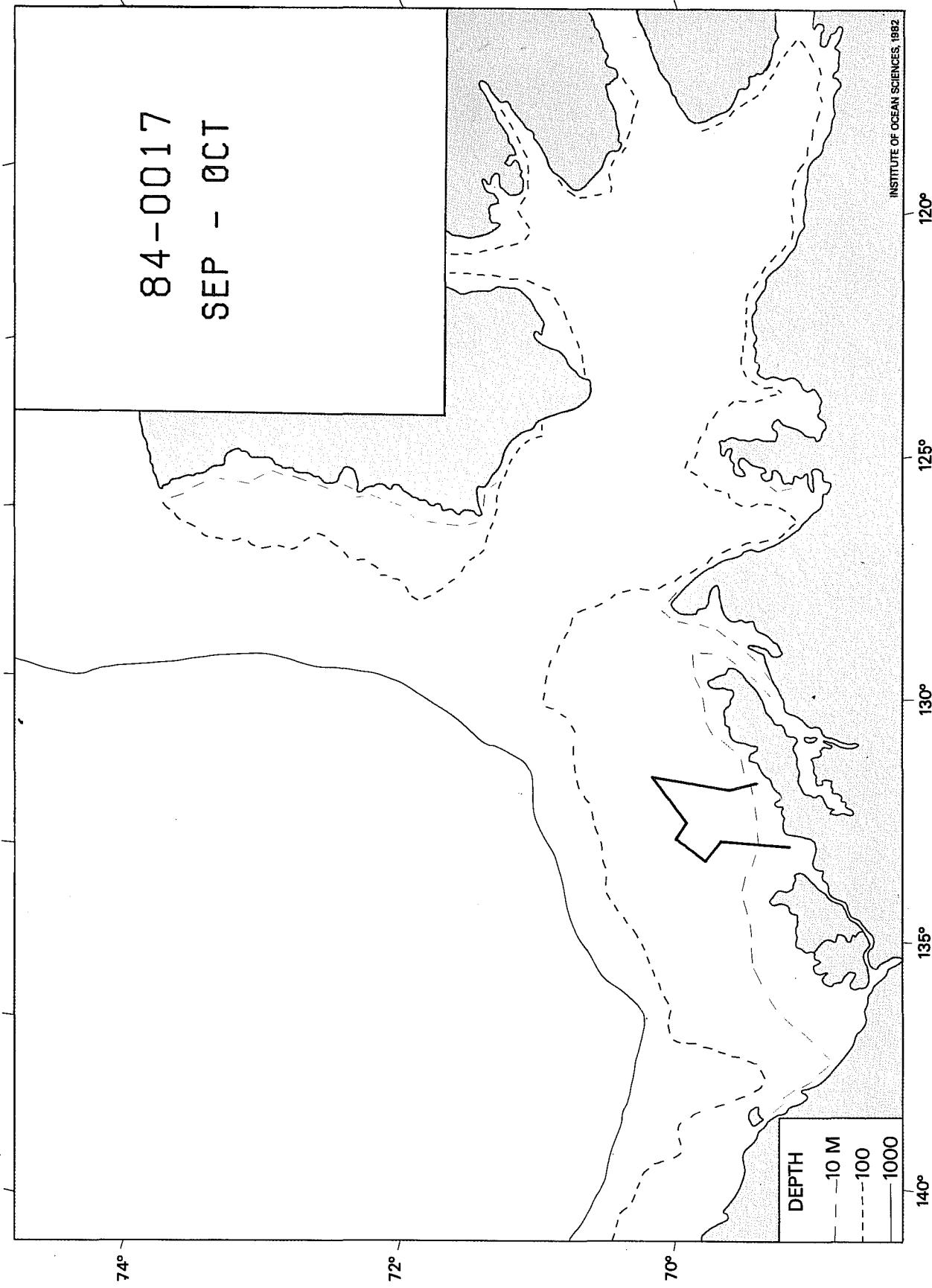


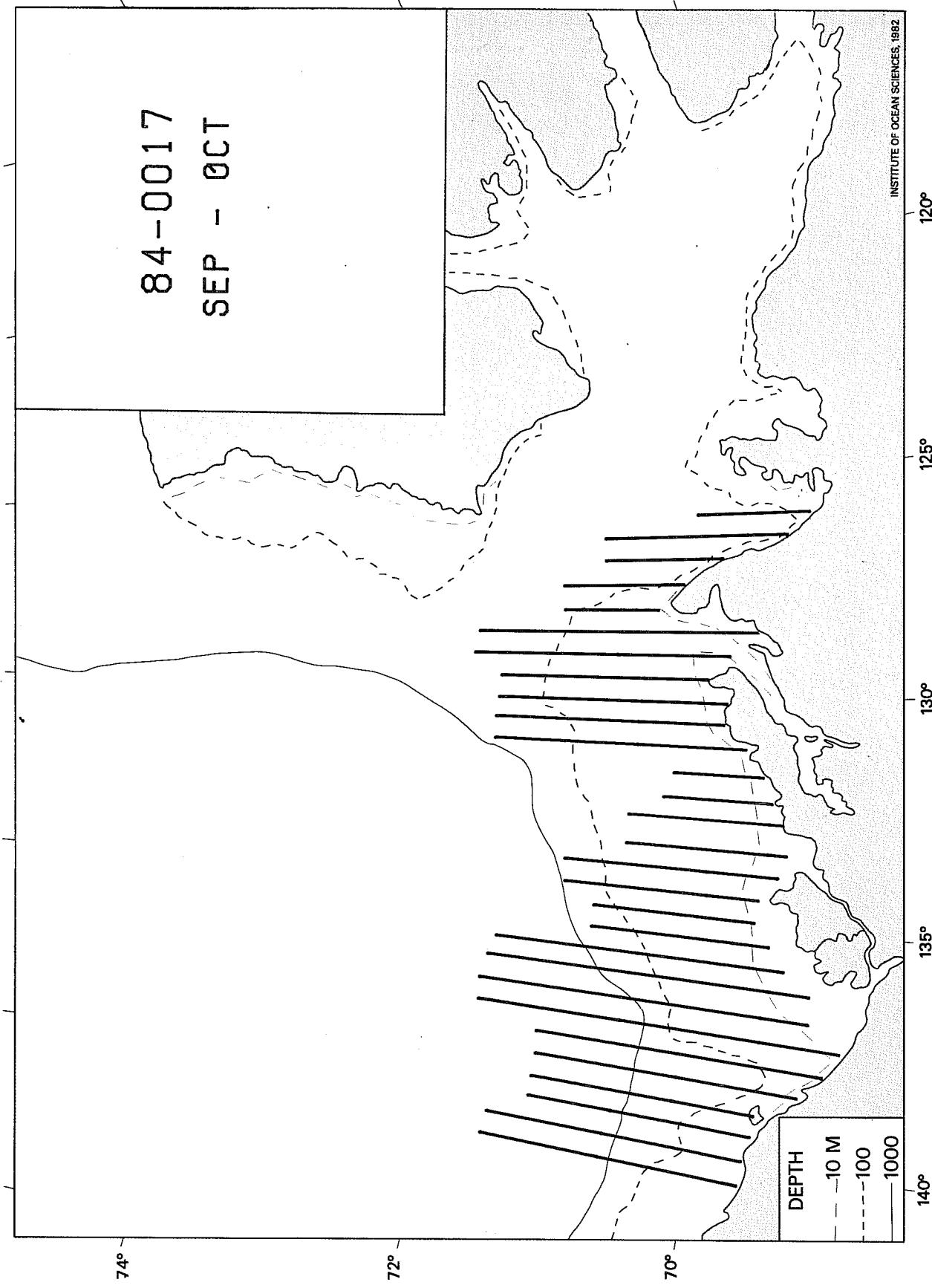


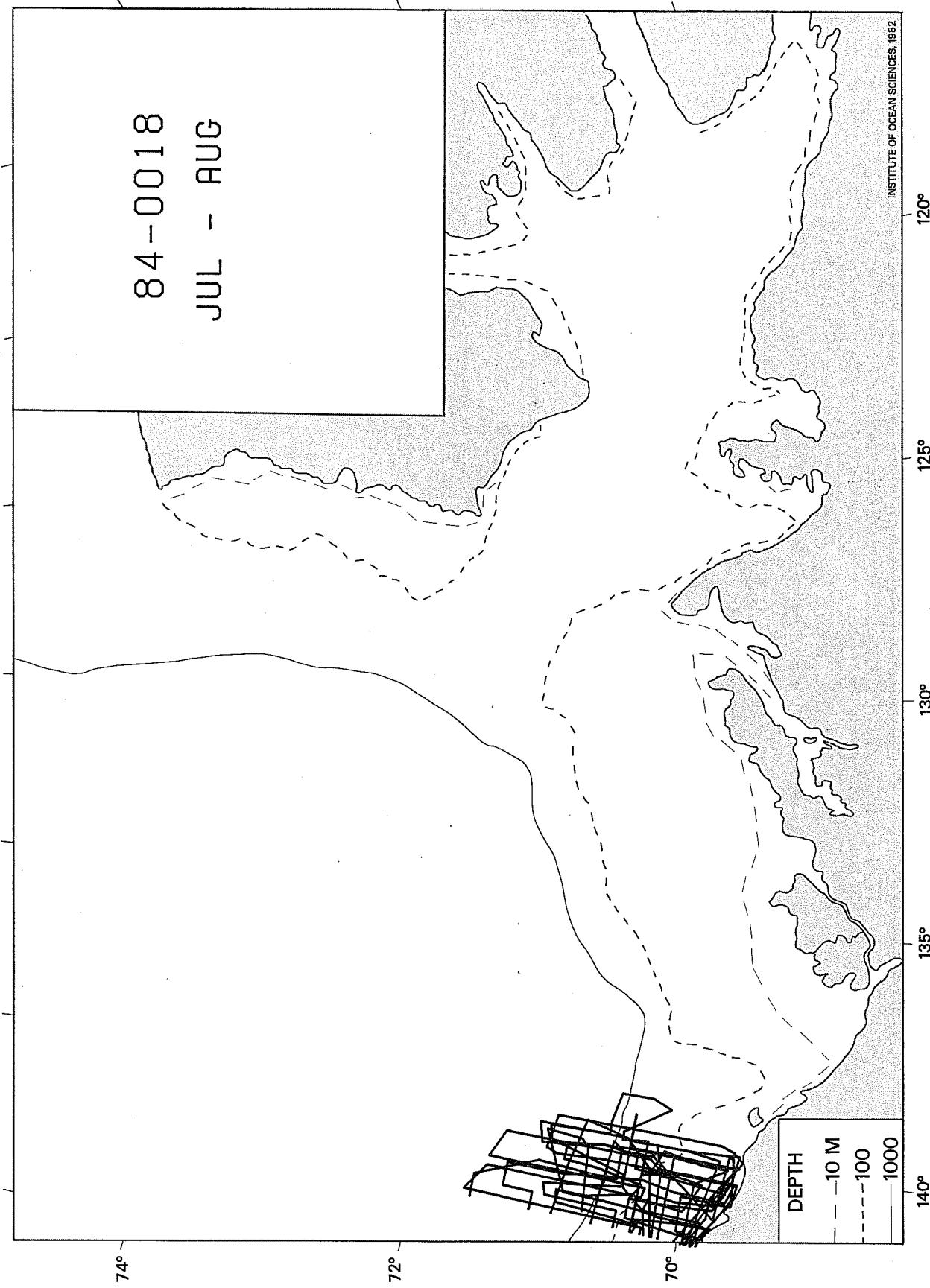


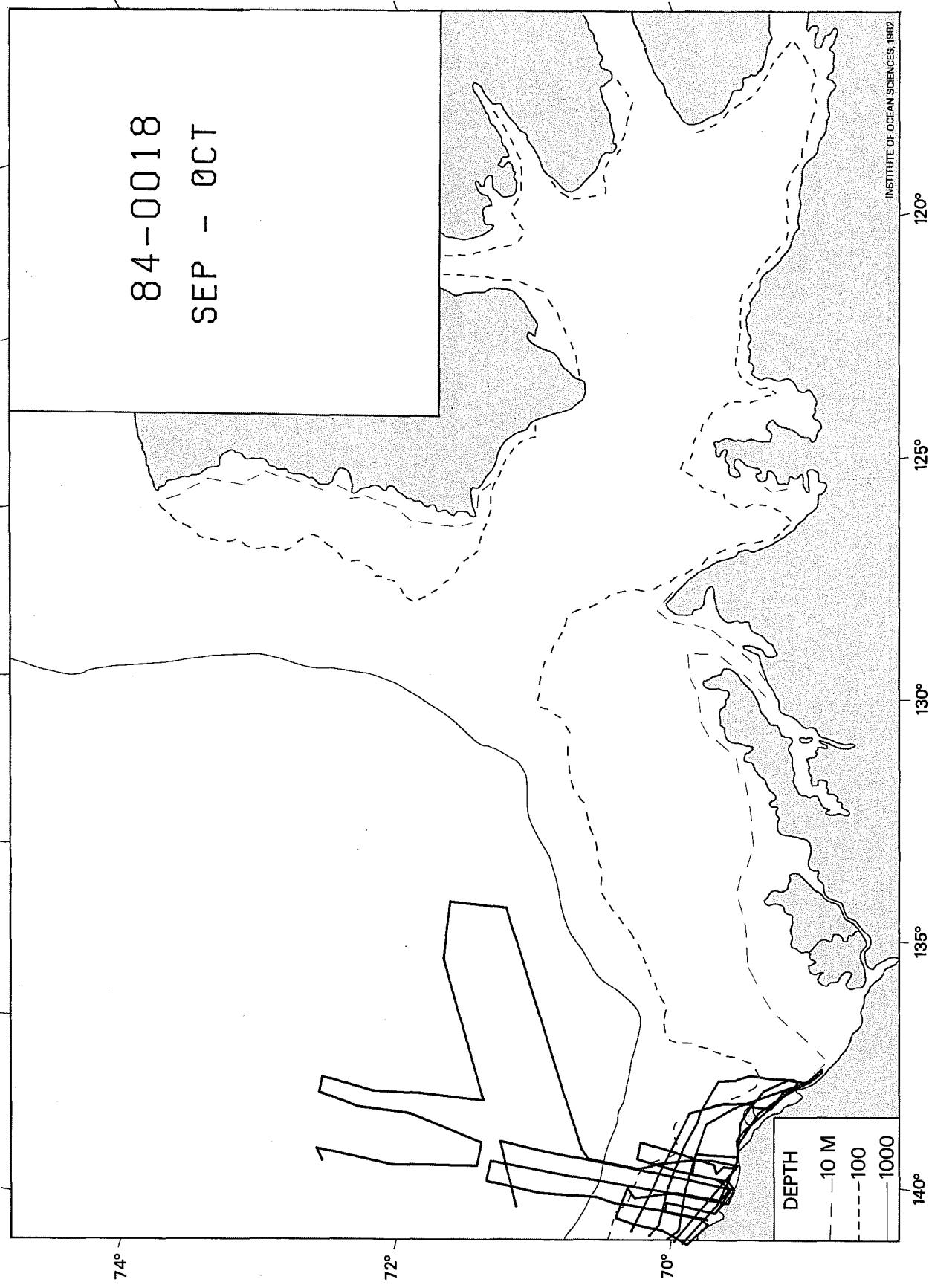


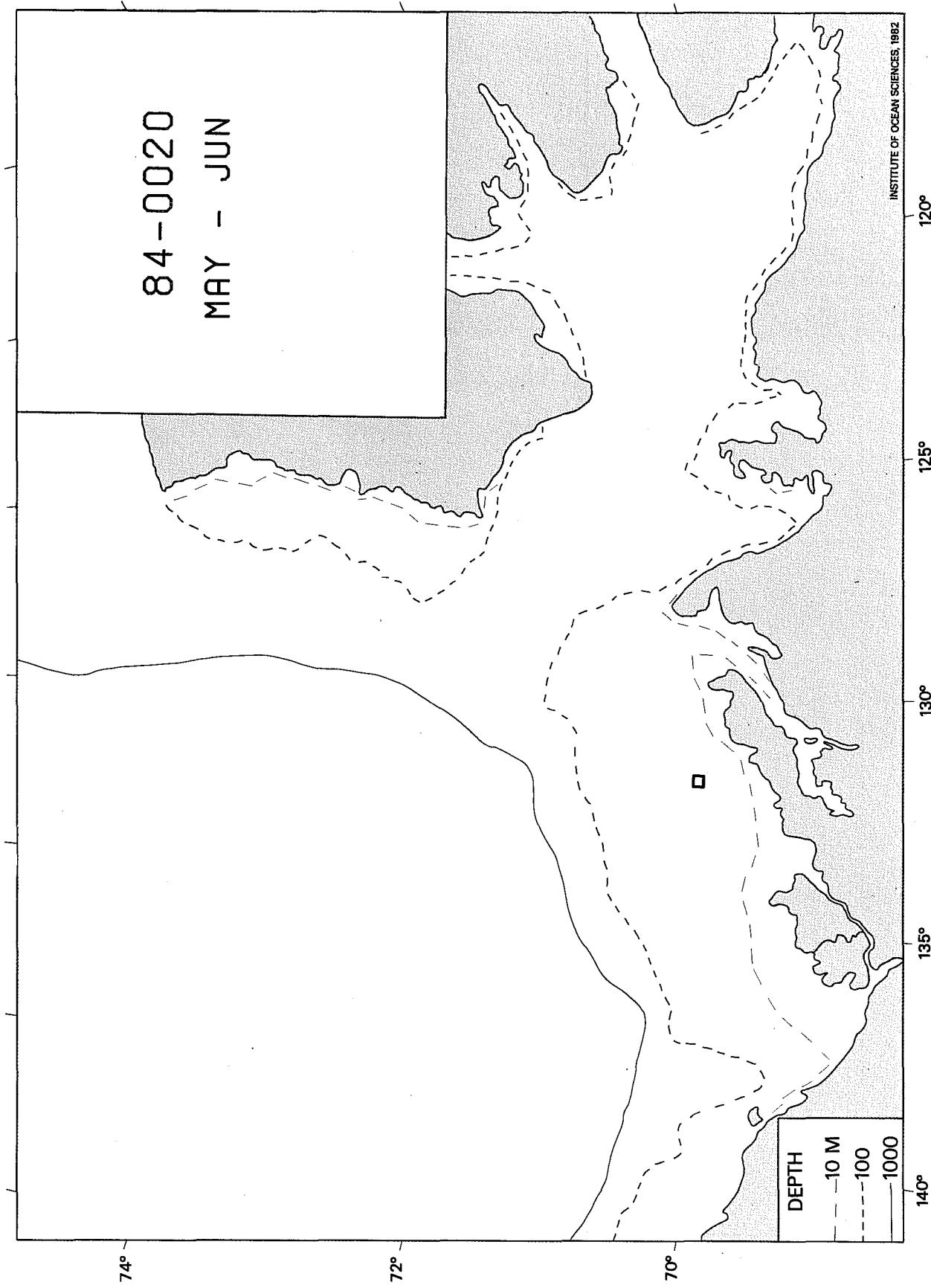


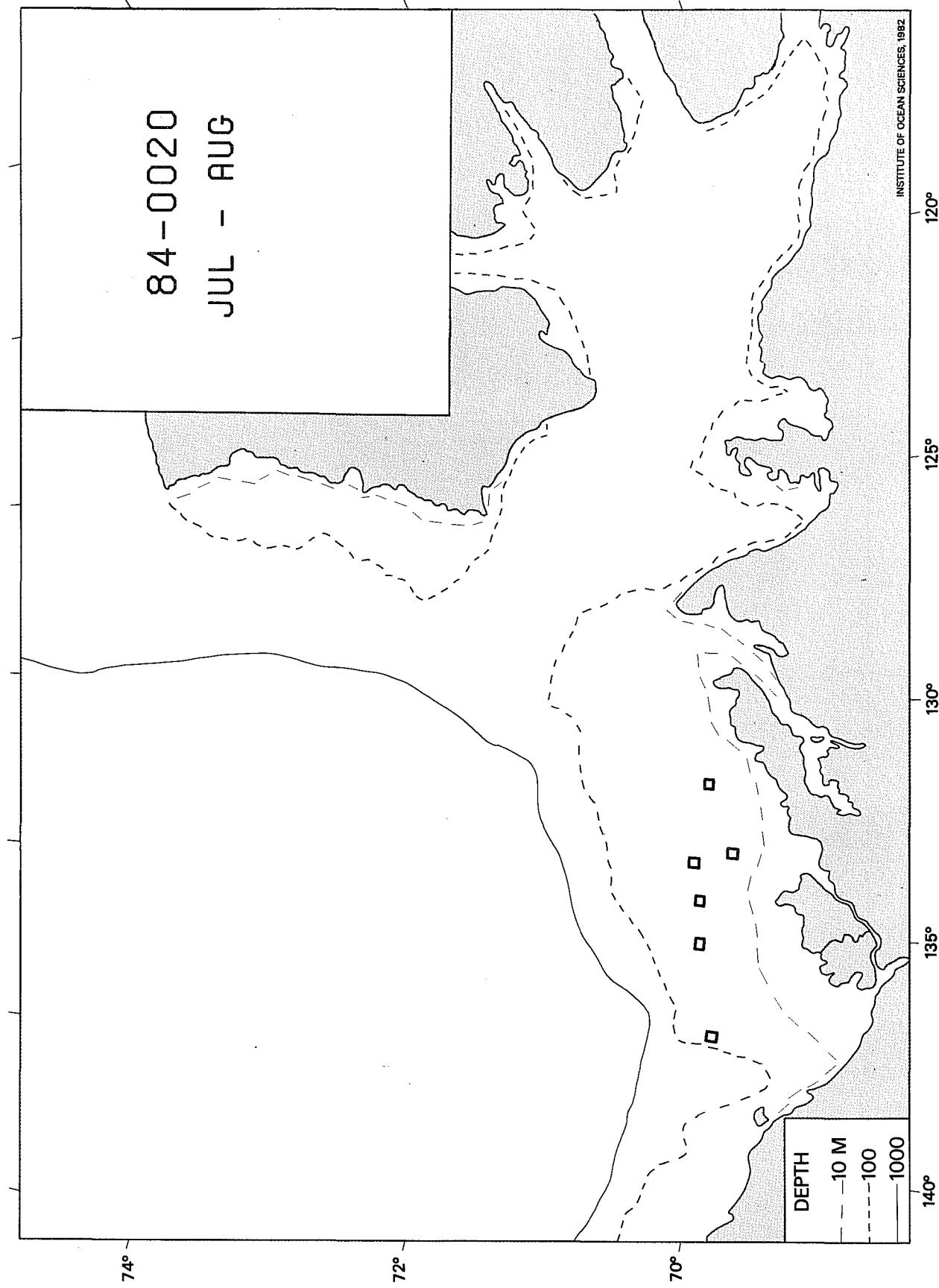


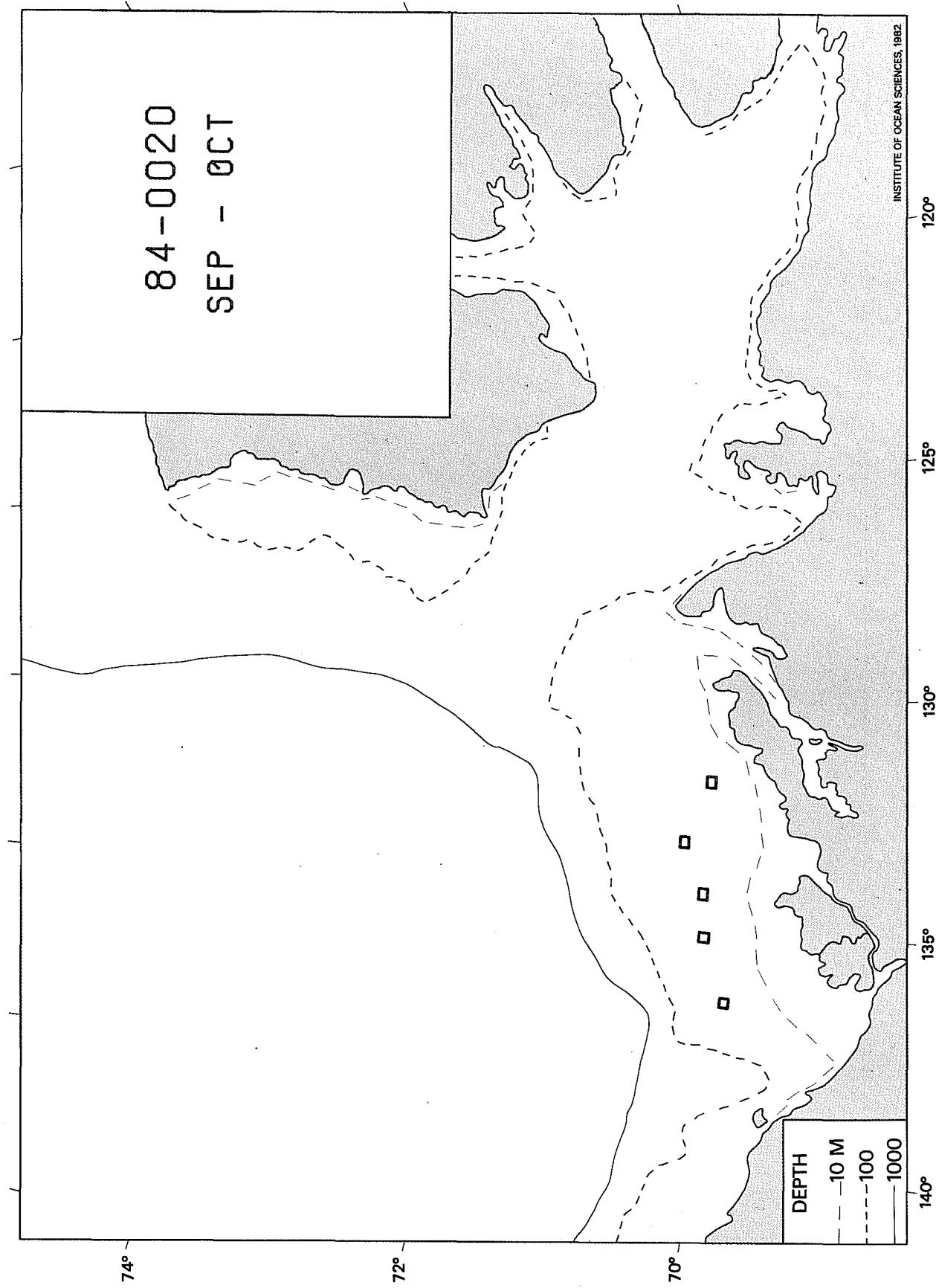


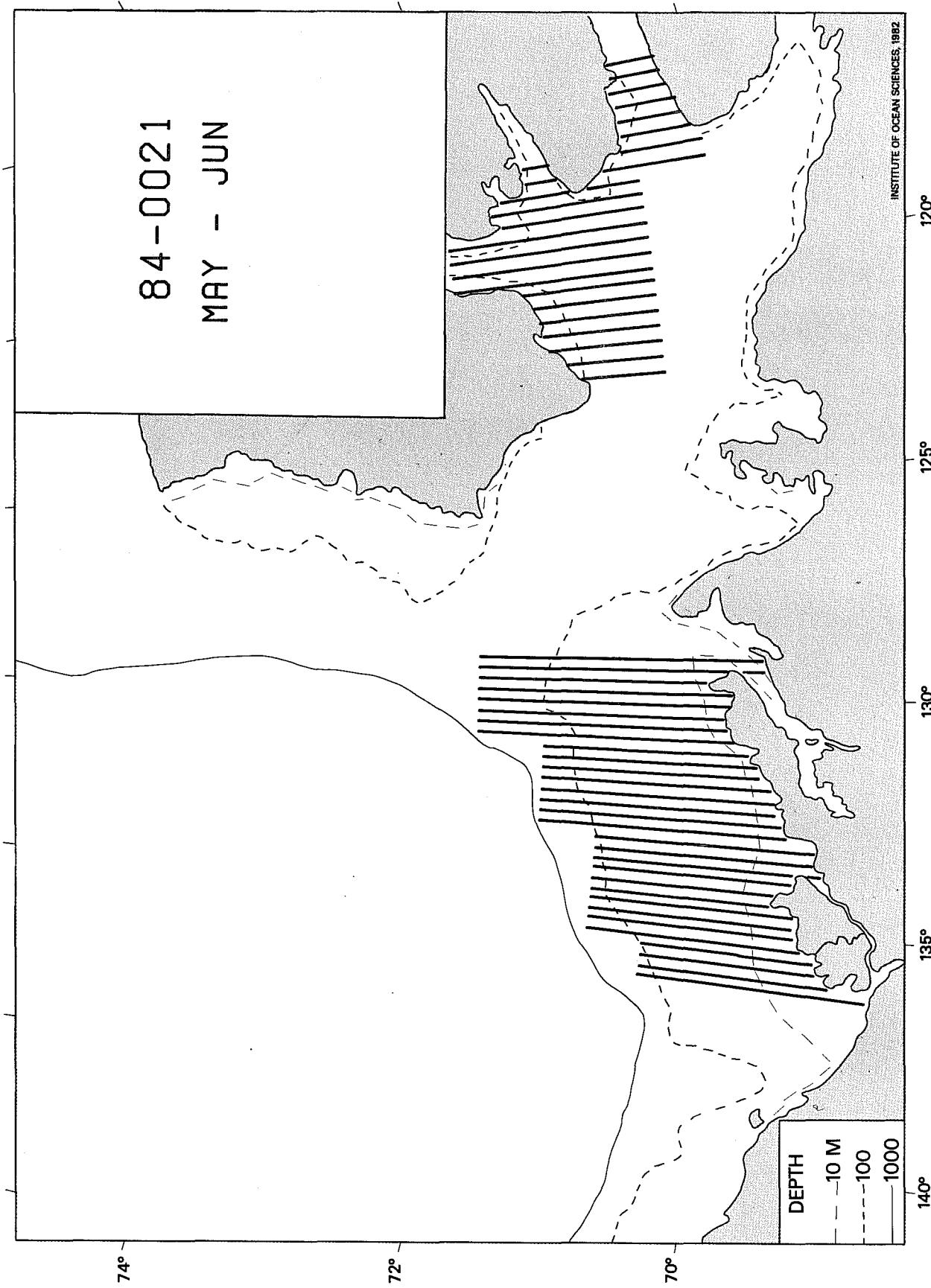


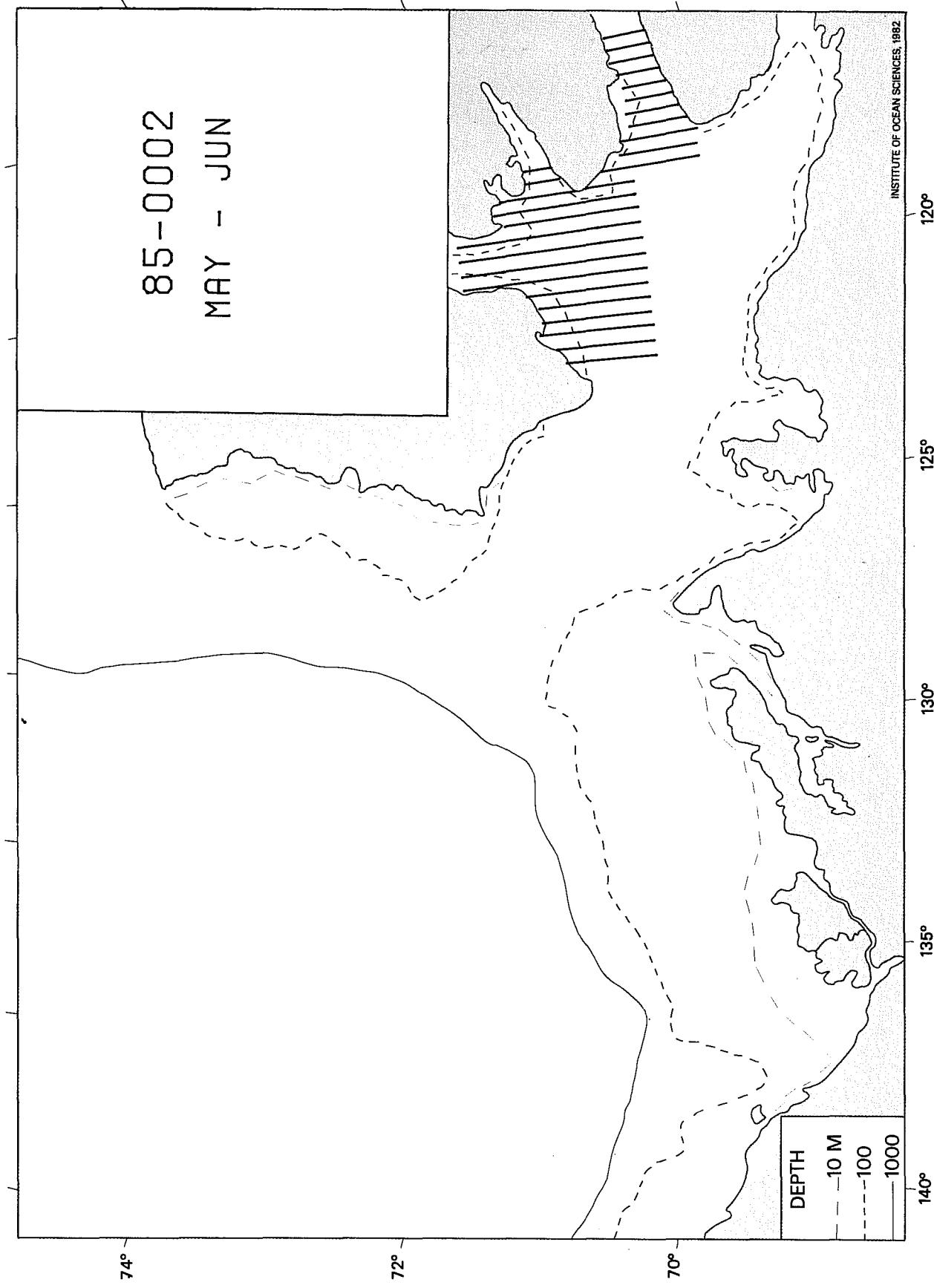


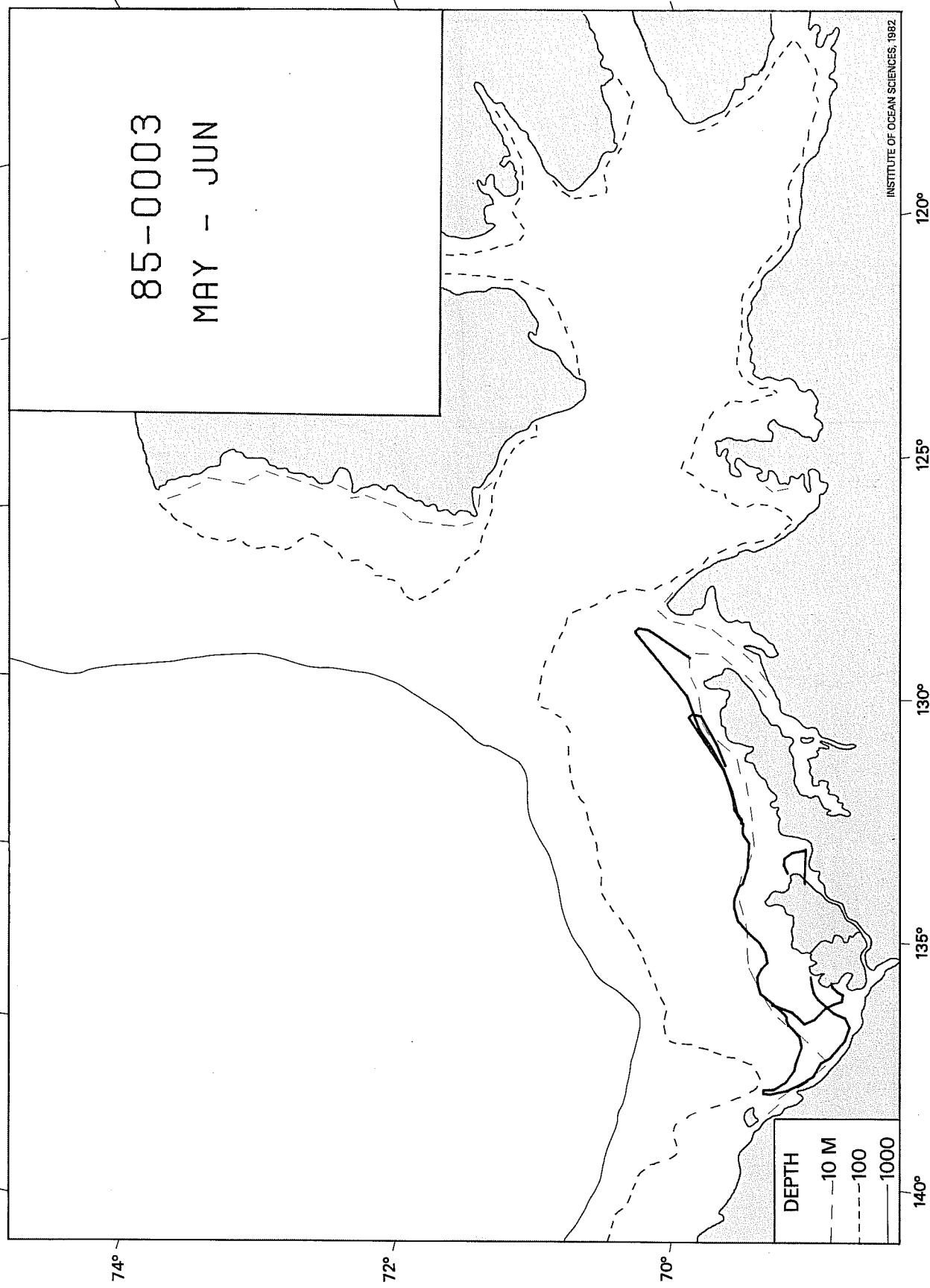


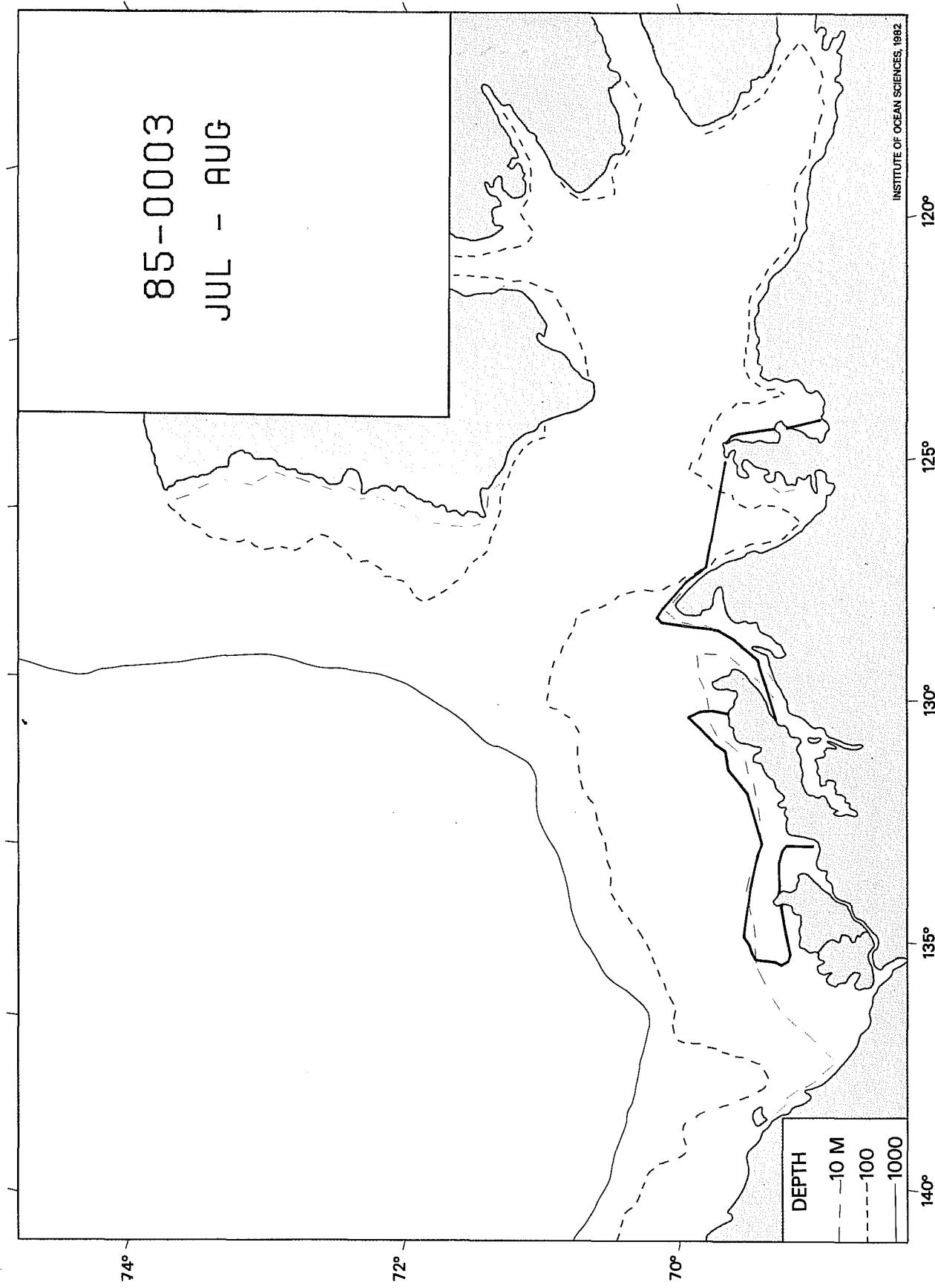


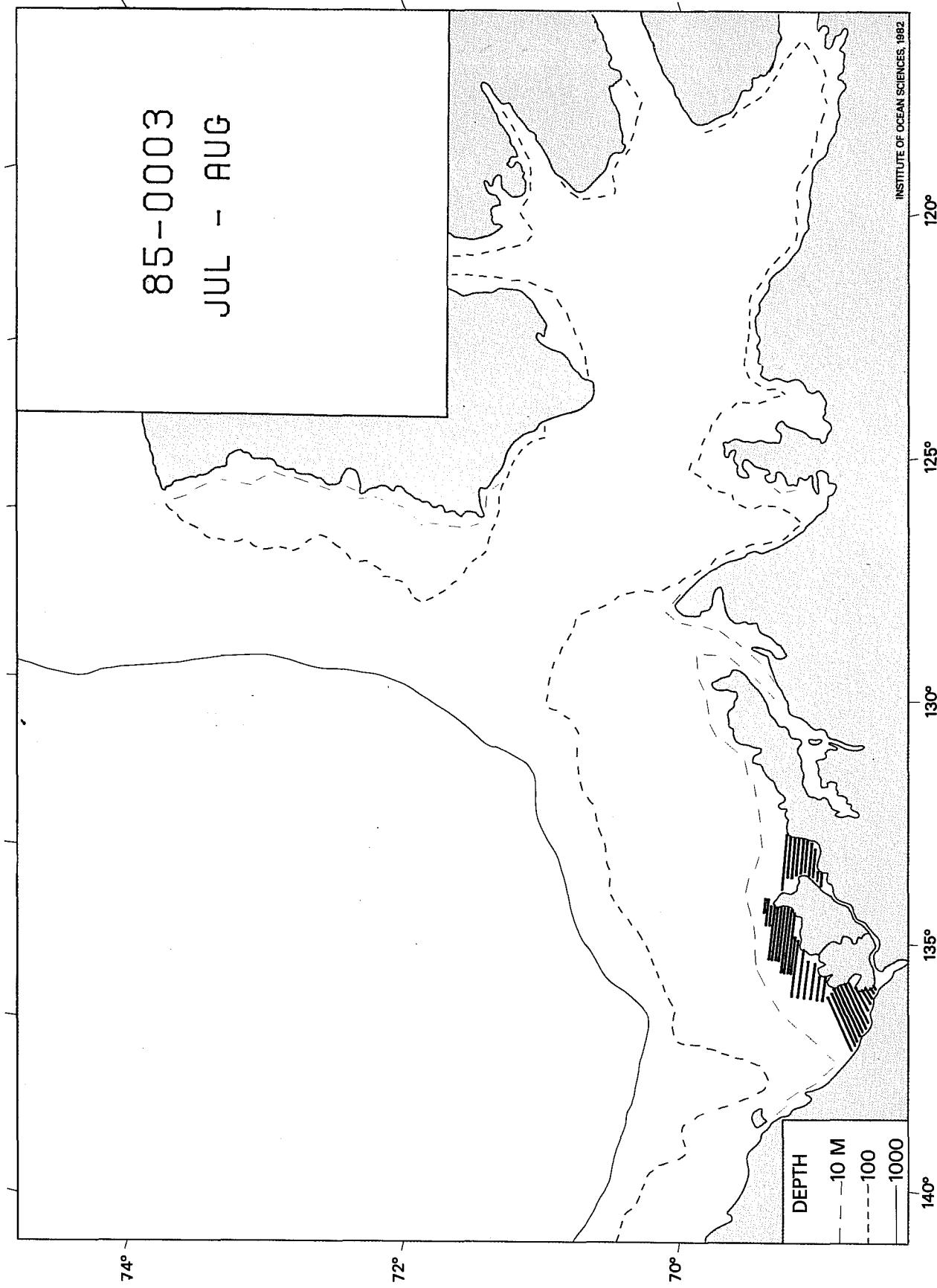


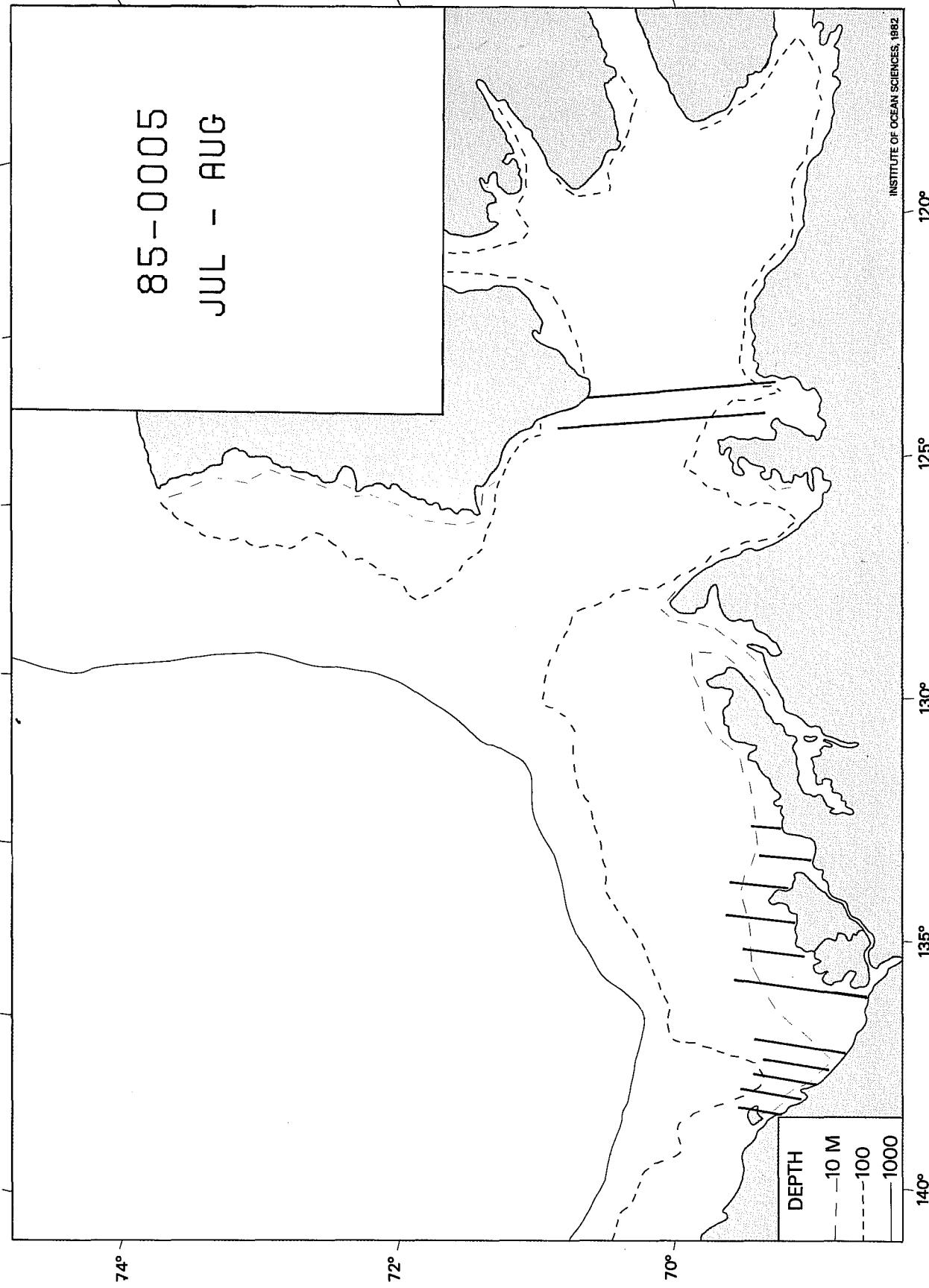


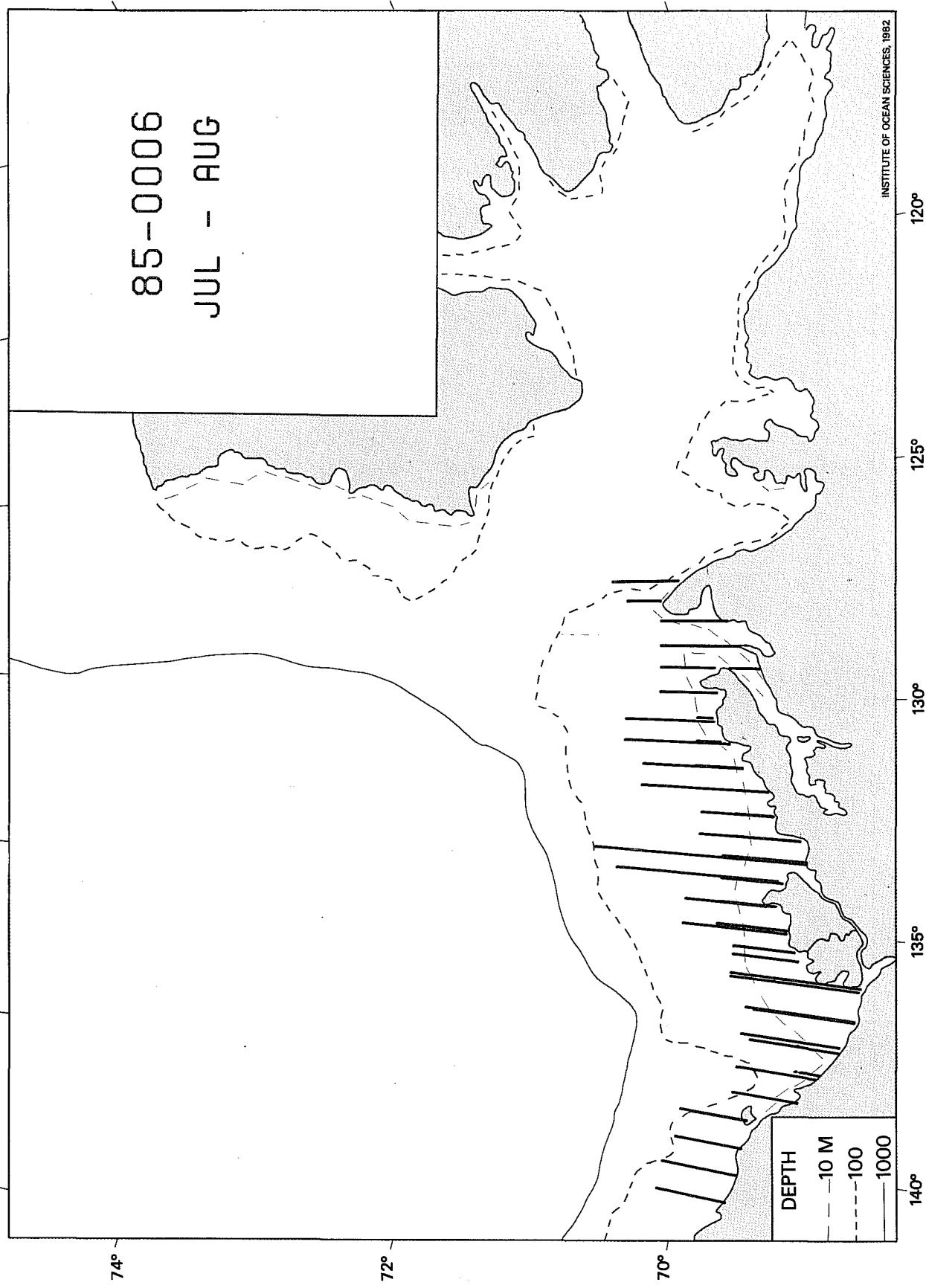


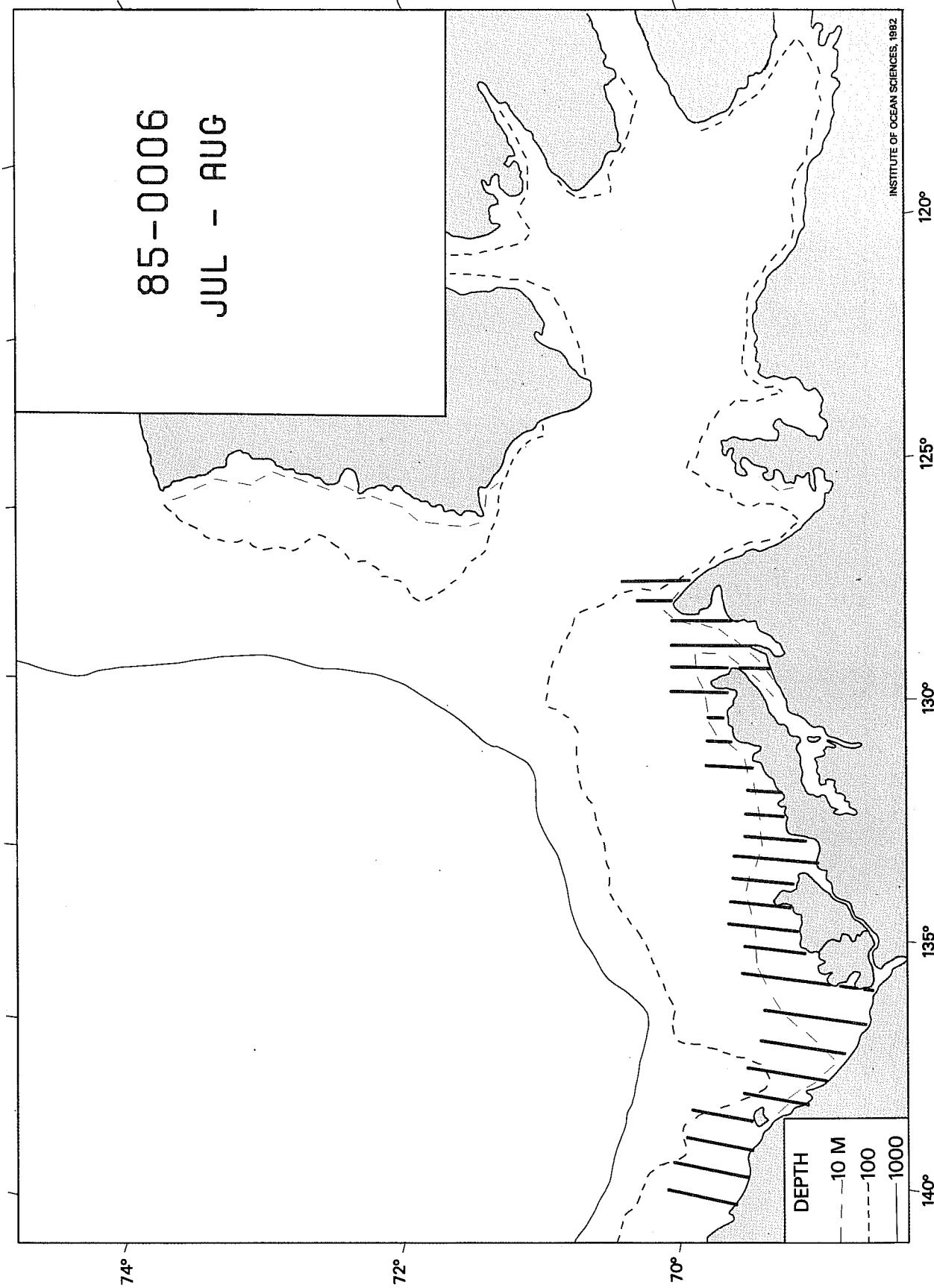


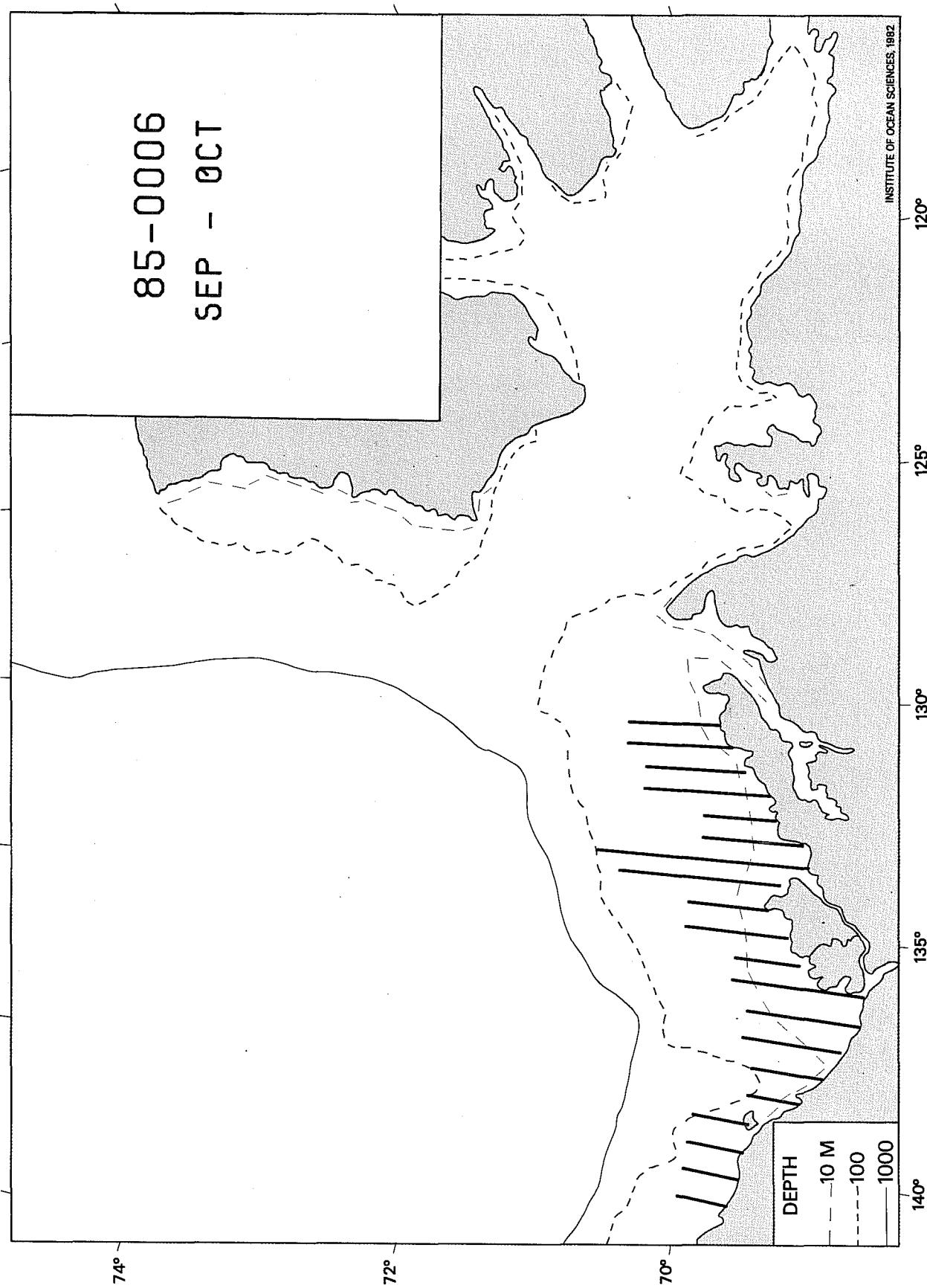


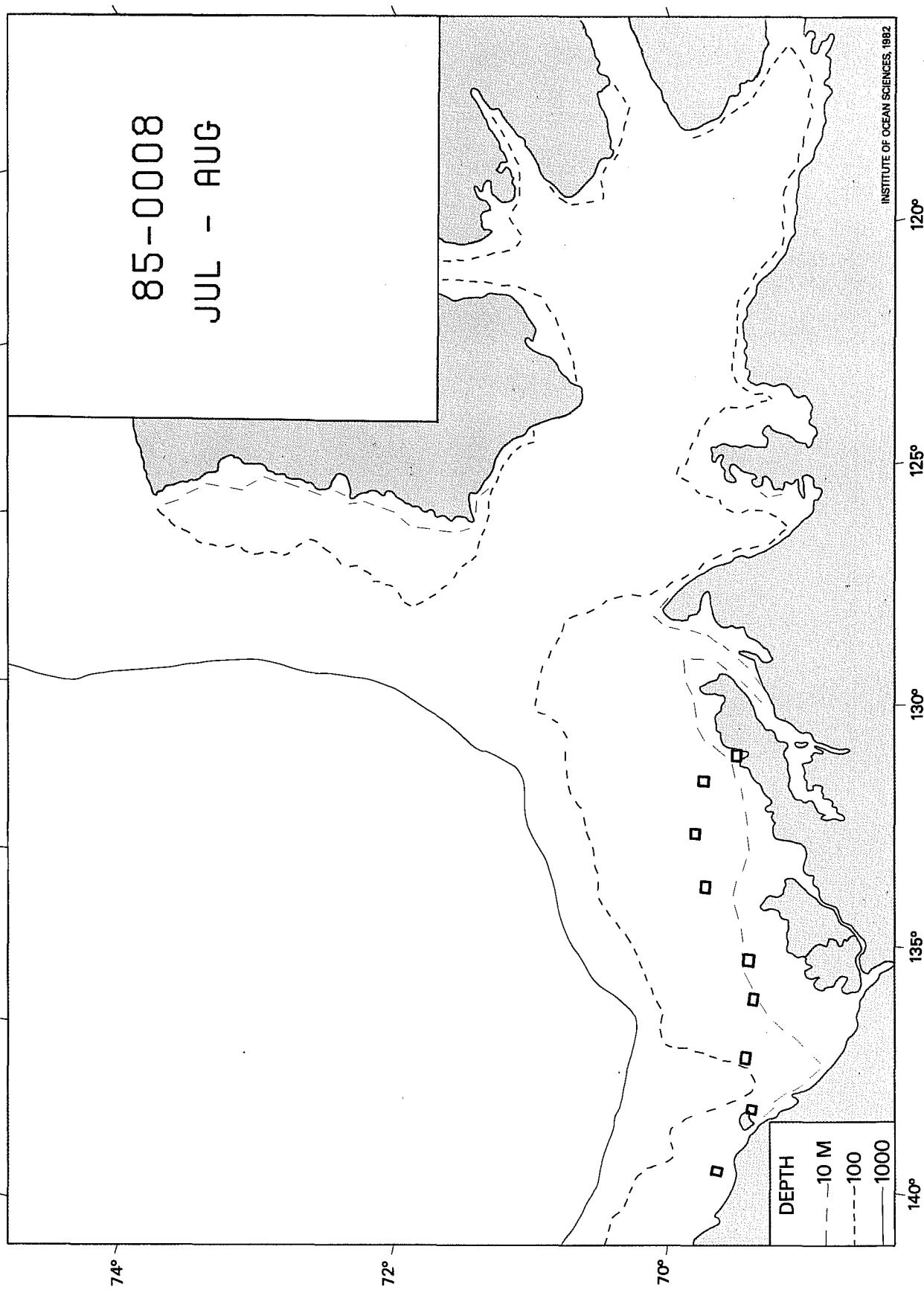


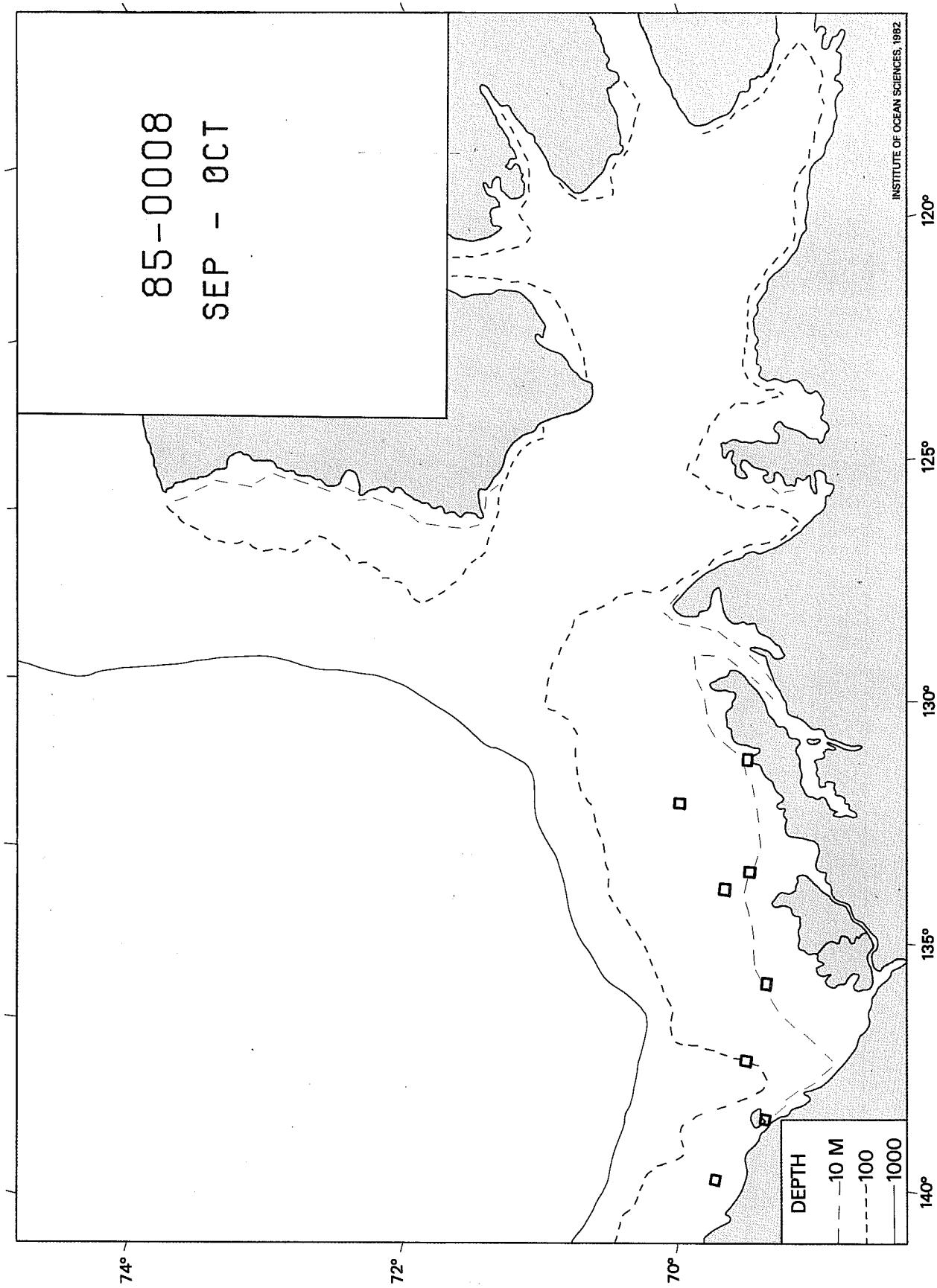












10. INDICES

MEASUREMENT INDEX

# observed/location # observed attending holes/location	# observed/aerial transect line (inner and outer) # observed attending holes/aerial transect line (inner and outer) # unattended holes/aerial transect line (inner and outer) # seen along ice crack/aerial transect line (inner and outer)	#/group	distance from aircraft distance from vessel	# shot/location # shot & lost # shot & landed	# pelts sold/community # pelts traded/community
1826-0001 75-0050 84-0015 1862-0001 75-0132 84-0016 1890-0001 76-0029 84-0017 1893-0002 76-0032 84-0018 08-0003 76-0108 84-0019 13-0001 78-0027 84-0020 14-0005 79-0027 85-0003 31-0007 79-0031 85-0006 40-0010 79-0033 85-0007 51-0002 79-0106 85-0010 52-0008 80-0019 85-0011 53-0013 80-0021 53-0028 80-0022 54-0003 80-0023 55-0010 80-0025 58-0046 80-0027 64-0052 80-0096 65-0058 80-0099 65-0060 81-0025 67-0007 81-0027 69-0017 81-0052 69-0063 82-0008 71-0105 82-0009 72-0100 82-0010 72-0102 82-0029 72-0104 82-0049 72-0106 82-0025 73-0121 83-0026 74-0030 83-0027 74-0115 83-0028 75-0043 83-0030 75-0045 83-0024 75-0046 83-0026 75-0047 83-0027 75-0048 83-0029 76-0028 83-0028 76-0031 81-0026 76-0032 83-0029 76-0033 82-0010 77-0036 83-0030 78-0015 84-0014 78-0027 84-0015 78-0028 84-0016 79-0031 84-0017 79-0032 84-0018 79-0033 84-0019 79-0106 84-0020 80-0019 84-0021 80-0022 85-0003 80-0023 85-0004 80-0024 85-0005 80-0025 85-0006 80-0026 85-0007 80-0027 85-0011 80-0096 80-0097 81-0024 81-0025 81-0026 81-0027 81-0052 81-0098 82-0008	52-0008 82-0009 55-0010 82-0010 67-0007 82-0011 69-0063 82-0029 72-0104 82-0049 74-0029 83-0024 75-0045 83-0026 75-0126 80-0027 76-0028 83-0028 76-0031 80-0096 76-0032 80-0097 78-0027 80-0099 79-0027 81-0025 79-0031 81-0026 79-0033 82-0010 79-0036 83-0030 78-0015 84-0014 78-0027 84-0015 79-0028 84-0016 79-0031 84-0017 79-0032 84-0018 79-0106 84-0020 80-0019 84-0021 80-0022 85-0003 80-0023 85-0004 80-0024 85-0005 80-0025 85-0006 80-0026 85-0007 80-0027 85-0011 80-0096 80-0097 81-0024 81-0025 81-0026 81-0027 81-0052 81-0098 82-0008	72-0104 80-0023 82-0029 75-0043 80-0026 83-0027 75-0126 80-0027 83-0030 76-0031 80-0096 84-0017 76-0032 80-0097 84-0020 78-0027 80-0099 85-0003 79-0027 81-0025 85-0005 79-0031 81-0026 85-0006 79-0033 82-0010 85-0007 77-0036 83-0030 78-0015 84-0014 78-0027 84-0015 79-0028 84-0016 79-0031 84-0017 79-0032 84-0018 52-0008 72-0102 84-0021 85-0002 85-0003 85-0004 85-0005 85-0006 85-0007 85-0011	1848-0001 55-0038 1862-0001 58-0042 1890-0001 58-0046 1894-0001 59-0043 1894-0002 60-0064 1897-0001 62-0063 00-0001 62-0064 03-0002 63-0056 08-0003 64-0053 11-0002 65-0060 13-0001 66-0058 14-0004 72-0102 27-0006 73-0018 31-0007 74-0030 40-0010 74-0109 42-0002 75-0125 51-0025 76-0105 52-0008 77-0109 52-0028 78-0103 53-0013 79-0105 55-0010	40-0011 76-0104 64-0053 77-0108 71-0100 78-0102 72-0099 79-0104 73-0116 80-0095 74-0108 81-0097 75-0124 82-0092	
					# holes/location
					76-0032 78-0027
					# skulls collected/ location
					51-0002 52-0008
					# lairs/area searched # lairs/timed dog search distance to nearest birth lair complex
					71-0105 74-0115 72-0106 75-0132 73-0121 76-0108

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Identification					tag # brand shape	standard length length size claws	heart girth axillary girth maximum girth	heart weight liver weight kidney weight spleen weight intestine length	age class		
1862-0001	65-0058	75-0045	79-0105	83-0051					1862-0001	72-0103	79-0031
1890-0001	65-0060	75-0047	79-0106	84-0014	74-0030	08-0003	74-0053	13-0001	72-0104	80-0023	
1893-0002	66-0058	75-0048	80-0019	84-0015		66-0058	74-0109	53-0028	72-0105	81-0025	
08-0003	67-0007	75-0050	80-0021	84-0016		71-0102	74-0110	59-0043	74-0110	82-0029	
11-0002	69-0017	75-0071	80-0022	84-0017		71-0106	75-0071	65-0060	77-0070	83-0030	
13-0001	69-0063	75-0124	80-0023	84-0018		72-0102	75-0125				
14-0004	71-0100	75-0125	80-0024	84-0019		72-0105	75-0133				
14-0005	71-0101	75-0126	80-0025	84-0020	1897-0001	80-0023	72-0107	76-0106	# dentinal annuli: canines		
14-0006	71-0102	75-0132	80-0026	84-0021	14-0006	80-0027	72-0108	77-0070	# cementum annuli: canines		
24-0003	71-0105	75-0133	80-0027	85-0002	58-0042	81-0025	73-0025	77-0111			
26-0005	71-0106	76-0028	80-0095	85-0003	73-0025	82-0010	73-0122	77-0112	71-0101	74-0115	
27-0006	72-0099	76-0029	80-0096	85-0004	74-0053	83-0030			75-0071	76-0108	
31-0007	72-0100	76-0031	80-0097	85-0005	75-0071	84-0016			72-0102	75-0109	
40-0010	72-0101	76-0032	80-0099	85-0006	76-0032	84-0017			75-0125	77-0111	
40-0011	72-0102	76-0104	81-0024	85-0007	77-0070	84-0020			75-0132	77-0112	
42-0002	72-0103	76-0105	81-0025	85-0010	78-0027	85-0006			75-0133	78-0103	
51-0002	72-0104	76-0106	81-0026	85-0011	79-0031				76-0105	78-0104	
51-0025	72-0105	76-0108	81-0027						76-0106	78-0104	
52-0008	72-0106	77-0036	81-0052						79-0105		
52-0028	72-0107	77-0070	81-0097								
53-0013	72-0108	77-0108	81-0098								
53-0028	73-0018	77-0111	82-0008		58-0046	84-0020					
54-0003	73-0025	77-0112	82-0009		63-0056						
55-0010	73-0116	78-0015	82-0010								
55-0038	73-0121	78-0027	82-0011								
58-0042	73-0122	78-0102	82-0029								
58-0046	74-0029	78-0103	82-0049								
59-0043	74-0030	78-0104	82-0092								
60-0064	74-0053	79-0027	82-0096								
62-0063	74-0108	79-0028	83-0024								
62-0064	74-0109	79-0030	83-0026								
63-0056	74-0110	79-0031	83-0027								
64-0052	74-0115	79-0033	83-0029								
64-0053	75-0043	79-0104	83-0030								

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degree of scarring	testes weight testes length bacula length bacula weight	stomach contents stomach contents, wet and dry weight stomach contents, volume and identification	tracks # of tracks excrement outside lair blood on lair floor amount of blood on lair floor	assoc. with birds assoc. with whales	vocalization measurements
73-0025 75-0071 74-0053 76-0106 77-0070	71-0106 75-0071 72-0107 75-0133 74-0053 77-0111	63-0056 72-0107 75-0071 71-0106 74-0053 77-0070	74-0030 82-0010 84-0017 80-0025 82-0029 84-0020 81-0027 83-0024 85-0005 82-0008 83-0027 85-0006 72-0106 74-0115 76-0108	72-0100 73-0121 75-0132 72-0101 74-0053 76-0031 72-0106 74-0115 76-0108 75-0071 82-0096	
canine cementum length canine length		fish in mouth fish on ice	heading	diving during fly-by synchronous diving porpoising	suckling
75-0133 77-0111 77-0112		1848-0001 81-0025 83-0030	79-0031 81-0025 84-0016 80-0026 82-0010 84-0017 75-0006	74-0029 79-0028 82-0011 75-0045 80-0024 83-0029 75-0047 80-0026 84-0016 76-0028 81-0024 84-0017 77-0036 81-0098 84-0020 78-0015 82-0010 85-0002	72-0103 72-014
sex genital structure	67-0007 75-0071 71-0105 75-0125 71-0106 75-0132 72-0102 75-0133 72-0106 76-0105 72-0107 76-0106 72-0108 76-0108 73-0121 77-0070 73-0122 77-0109 74-0053 77-0111 74-0109 77-0112 74-0115 78-0103	internal parasites identification of parasites 51-0025	direction of movement relative to net	diving during approach by person digging at hole 1862-0001 75-0071	
08-0003 75-0071 51-0025 75-0125 52-0008 75-0133 63-0056 76-0105 66-0058 76-0106 71-0101 77-0070 71-0102 77-0109 71-0106 77-0111 72-0101 77-0112 72-0102 78-0103 72-0103 78-0104 72-0105 79-0050 72-0107 83-0030 72-0108 84-0020 73-0025 73-0122 74-0053 74-0109 74-0110	71-0101 74-0115 78-0027 71-0105 75-0071 78-0104 72-0101 75-0132 79-0030 72-0103 76-0106 81-0025 72-0106 76-0108 82-0029 73-0121 77-0070 83-0030 85-0006	bear kill carcass remains, weight carcass length	haul-out on ice haul-out on land	distance between individuals position in water	contact with buoys/cables in vicinity of buoys/cables 76-0032 81-0025 83-0030 78-0027 82-0029 84-0020
		1862-0001 75-0047 82-0029 08-0003 76-0029 83-0027 31-0007 78-0027 83-0030 52-0008 79-0031 84-0016 53-0028 79-0033 84-0020 55-0010 80-0096 85-0003 67-0007 80-0097 85-0005 72-0104 81-0025 85-0006	frozen-out	diving during approach by vessel	
				72-0103	79-0106 81-0025 83-0030
					Internal body temperature 74-0110

MEASUREMENT INDEX (cont'd)

relative bladder fullness			distance to nearest associated hair			lanugo & entry hole measurements			
74-0053 75-0071			75-0105 73-0121 75-0132			71-0105 73-0121 75-0132			
			72-0106 74-0115 76-0108			72-0106 74-0115 76-0108			
fat content, tissue			breathing hole diameter			Incomplete			
water content, whole body & fat-free tissue						77-0039 79-0107 85-0008			
protein content, fat-free tissue						77-0110 81-0099 85-0009			
tissue & whole body									
caloric density, fat-free tissue & whole body									
72-0103			snow depth at hair						
moultling condition of pelt			hair height (maximum)						
65-0060 72-0105 75-0071			hair dimensions (maximum)						
71-0102 74-0053 76-0106			71-0105 73-0121 75-0132						
74-0110 77-0070			72-0106 74-0115 76-0108						
selling price/pelt			# of shots taken						
64-0053 74-0108 78-0102			65-0060						
71-0100 75-0124 79-0104			seal holes						
72-0099 76-0104 80-0095			13-0001						
73-0116 77-0108 81-0097			# skins saved						
82-0092			62-0063						

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acoustic recording	ice watch	netting	video recording	reconnaissance ice survey (RIS)	systematic aerial survey (SAS)
72-0100 75-0071 72-0101 75-0132 72-0106 76-0031 73-0121 76-0108 74-0053 82-0096	65-0060 73-0121 75-0132 72-0100 74-0053 76-0108 72-0101 75-0071 82-0096 72-0106	24-0003 72-0105 26-0005 74-0110 71-0102	85-0004	08-0003 72-0107 75-0133 13-0001 72-0108 76-0106 55-0010 73-0025 76-0108 71-0101 73-0121 77-0070 71-0105 74-0053 77-0111 72-0101 74-0115 77-0112 72-0103 75-0071 78-0104 72-0106 75-0132 79-0030	74-0029 80-0019 81-0024 83-0029 75-0045 80-0024 81-0026 84-0016 75-0126 80-0025 81-0027 84-0017 76-0028 80-0026 81-0098 84-0021 77-0036 80-0029 82-0001 85-0002 78-0015 80-0096 82-0010 85-0003 79-0028 80-0097 82-0011 85-0004 79-0033 80-0099 83-0027 85-0005 85-0006
aerial photography	Incidental reports	shore watch	whalers: sightings or landings		
85-0002 85-0004	11-0002 58-0046 80-0023 14-0004 64-0052 81-0025 14-0005 65-0058 82-0029 31-0007 76-0032 83-0030 42-0002 78-0027 84-0020 58-0042 79-0031	1862-0001 53-0028 52-0008 67-0007	1890-0001 00-0001 1893-0002 03-0002 1897-0001		
hunter interviews	laboratory examination	traders' records	INC (Incomplete)	reconnaissance aerial survey (RAS)	
1662-0001 64-0053 1694-0001 65-0060 1694-0002 66-0058 14-0006 71-0106 27-0006 72-0102 31-0007 72-0107 42-0002 72-0108 51-0002 73-0018 51-0025 73-0122 52-0028 74-0030 55-0010 74-0109 55-0038 75-0125 58-0042 75-0133 59-0043 76-0105 60-0064 77-0109 62-0063 77-0111 62-0064 77-0112 63-0056 78-0103 79-0105	40-0011 77-0108 71-0100 78-0102 72-0099 79-0104 73-0116 80-0095 74-0108 81-0097 75-0124 82-0092 76-0104	77-0039 80-0098 77-0110 81-0099 78-0105 85-0008 79-0107 85-0009	67-0007 80-0022 83-0028 72-0101 80-0025 83-0051 72-0102 80-0096 84-0014 72-0104 81-0027 84-0015 74-0030 81-0052 84-0016 75-0047 82-0008 84-0017 75-0048 82-0009 84-0018 75-0050 82-0010 84-0019 76-0029 82-0049 85-0003 79-0033 82-0024 85-0006		
	vessel watch		reconnaissance vessel survey (RVS)	systematic vessel survey (SVS)	
		75-0043 80-0027 76-0032 81-0025 78-0027 82-0029 79-0031 83-0030 79-0106 84-0020 80-0023	1826-0001 69-0017 1848-0001 69-0063 40-0010 76-0031 51-0002 79-0027 52-0008 80-0019 53-0013 80-0027 53-0028 80-0099 54-0003 85-0007 67-0007	85-0007	
				systematic ice survey (SIS)	
				74-0115 75-0132 82-0096	

SPECIES INDEX

RS - Ringed Seal (<i>Phoca hispida</i>)				BS - Bearded Seal (<i>Erignathus barbatus</i>)				UP - Unidentified Pinniped				WA - Walrus (<i>Odobenus rosmarus</i>)				HD - Hooded Seal (<i>Cystophora cristata</i>)			
08-0003	74-0053	79-0031	83-0027	1893-0002	75-0133	82-0010	1826-0001	81-0097	1862-0001	63-0056	31-0007	42-0002							
14-0006	74-0108	79-0033	83-0029	08-0003	76-0028	82-0011	1848-0001	82-0001	1890-0001	64-0052									
27-0006	74-0109	79-0104	83-0030	31-0007	76-0029	82-0029	1890-0001	82-0092	08-0003	64-0053									
40-0011	74-0110	79-0105	83-0051	40-0010	76-0106	82-0049	1894-0001	83-0028	11-0002	65-0058									
52-0008	74-0115	79-0106	84-0014	51-0002	77-0036	82-0096	1894-0002	83-0050	14-0004	72-0101									
53-0013	75-0043	80-0019	84-0015	52-0008	77-0070	83-0024	1897-0001	83-0051	14-0005	75-0048									
53-0028	75-0045	80-0021	84-0016	53-0013	77-0111	83-0026	00-0001	84-0018	31-0007	76-0032									
54-0003	75-0047	80-0022	84-0017	54-0003	77-0112	83-0027	03-0002	84-0020	42-0002	78-0027									
55-0010	75-0048	80-0023	84-0018	55-0010	78-0015	83-0029	08-0003	85-0005	52-0028	79-0031									
55-0038	75-0071	80-0024	84-0019	55-0038	78-0027	83-0030	13-0001	85-0010	55-0038	80-0023									
62-0063	75-0124	80-0025	84-0020	62-0063	78-0104	83-0051	40-0010	85-0011	58-0046	81-0025									
64-0053	75-0125	80-0026	84-0021	64-0053	79-0027	84-0014	51-0002		59-0043	82-0029									
65-0060	75-0126	80-0027	85-0002	65-0060	79-0028	84-0015	52-0008		60-0064	83-0030									
66-0058	75-0132	80-0095	85-0003	67-0007	79-0030	84-0016	55-0010		62-0064	84-0020									
67-0007	76-0028	80-0096	85-0004	71-0101	79-0033	84-0017	62-0063												
69-0017	76-0029	80-0097	85-0005	71-0106	79-0106	84-0018	64-0053												
69-0063	76-0031	80-0099	85-0006	72-0102	80-0019	84-0019	71-0100												
71-0100	76-0104	81-0024	85-0007	72-0104	80-0021	84-0020	72-0099												
71-0101	76-0105	81-0025	85-0010	72-0105	80-0022	84-0021	73-0116												
71-0102	76-0106	81-0026	85-0011	72-0107	80-0023	85-0002	74-0108												
71-0105	76-0108	81-0027		72-0108	80-0024	85-0004	75-0048												
72-0099	77-0036	81-0052		73-0025	80-0025	85-0006	75-0050												
72-0100	77-0070	81-0097		73-0122	80-0027	85-0007	76-0032												
72-0101	77-0108	81-0098		74-0029	80-0096	85-0010	76-0104												
72-0102	77-0109	82-0008		74-0053	80-0099	85-0011	77-0108												
72-0103	78-0015	82-0009		74-0109	81-0024		78-0027												
72-0104	78-0027	82-0010		75-0043	81-0025		78-0102												
72-0106	78-0102	82-0011		75-0045	81-0026		79-0031												
73-0018	78-0103	82-0029		75-0048	81-0027		79-0104												
73-0116	78-0104	82-0049		75-0071	81-0052		80-0023												
73-0121	79-0027	82-0092		75-0124	81-0098		80-0029												
74-0029	79-0028	83-0024		75-0125	82-0008		80-0095												
74-0030	79-0030	83-0026		75-0126	82-0009		81-0025												

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Canada Basin			Mackenzie Shelf			Tuktoyaktuk Shelf		Banks Island Shelf		Amundsen Gulf			Yukon Coast		Mackenzie Bay	
13-0001	81-0026	83-0028	1890-0001	77-0036	83-0030	1848-0001	78-0015	13-0001	77-0070	1841-0001	74-0109	81-0098	1826-0001	80-0029	1826-0001	83-0024
69-0063	82-0010	84-0017	1893-0002	77-0039	83-0051	1890-0001	78-0027	40-0010	77-0109	1890-0001	74-0115	81-0099	1894-0002	81-0026	1890-0001	83-0029
75-0048	82-0049	84-0018	1894-0001	77-0070	84-0014	1893-0002	78-0104	51-0002	78-0015	1893-0002	75-0045	82-0001	00-0001	81-0027	1893-0002	83-0051
80-0019	83-0026	85-0010	1894-0002	78-0015	84-0015	1894-0002	79-0028	52-0008	78-0103	1894-0002	75-0047	82-0008	03-0002	81-0052	1894-0001	84-0014
80-0021	83-0027	85-0011	1897-0001	78-0027	84-0016	1897-0001	79-0030	53-0013	78-0104	1897-0001	75-0050	82-0009	08-0003	82-0001	1897-0001	84-0021
80-0022			00-0001	78-0104	84-0017	00-0001	79-0031	53-0028	79-0027	00-0001	75-0071	82-0011	13-0001	82-0008	08-0003	85-0003
			03-0002	79-0028	84-0018	03-0002	80-0021	54-0003	79-0030	03-0002	75-0125	82-0096	14-0004	82-0009	13-0001	85-0004
			08-0003	79-0030	84-0019	08-0003	80-0022	55-0010	79-0105	08-0003	75-0132	83-0024	51-0002	82-0010	24-0003	85-0005
			11-0002	79-0031	84-0020	13-0001	80-0023	55-0038	80-0019	13-0001	76-0028	83-0026	58-0046	82-0029	26-0005	85-0006
Continental Slope			13-0001	79-0106	84-0021	40-0010	80-0025	59-0043	80-0021	31-0007	76-0029	83-0029	64-0053	82-0049	27-0006	85-0007
			26-0005	80-0019	85-0003	51-0002	80-0026	60-0064	83-0026	40-0010	76-0105	84-0014	67-0007	83-0024	40-0010	85-0010
1890-0001	79-0030	84-0019	31-0007	80-0021	85-0004	52-0008	80-0027	62-0064	85-0002	51-0002	76-0106	84-0015	69-0017	83-0026	51-0025	
1893-0002	79-0031	84-0021	40-0010	80-0022	85-0005	53-0013	80-0096	63-0056	85-0004	52-0008	77-0036	84-0017	71-0101	83-0027	55-0038	
1894-0002	80-0019	85-0004	42-0002	80-0023	85-0006	54-0003	80-0099	64-0052	85-0005	53-0013	77-0070	84-0020	72-0101	83-0028	64-0053	
1897-0001	80-0021	85-0006	51-0002	80-0025	85-0008	55-0038	81-0025	65-0058	85-0009	53-0028	77-0109	84-0021	73-0018	83-0030	69-0017	
00-0001	80-0022	85-0008	55-0038	80-0026	85-0009	62-0063	81-0026	65-0060	85-0010	54-0003	77-0110	85-0002	73-0025	83-0051	73-0018	
03-0002	80-0023	85-0009	64-0053	80-0029	85-0010	64-0053	81-0027	66-0057		55-0010	77-0111	85-0003	74-0053	84-0014	74-0029	
13-0001	80-0025	85-0010	67-0007	81-0024	85-0011	67-0007	82-0010	66-0058		55-0038	78-0015	85-0004	75-0047	84-0015	74-0030	
71-0101	81-0024	85-0011	69-0063	81-0025		71-0101	82-0025	71-0101		66-0057	78-0027	85-0005	75-0048	84-0016	75-0045	
72-0101	81-0026		71-0101	81-0026		72-0101	82-0029	72-0101		71-0101	78-0103	85-0006	75-0050	84-0017	75-0047	
73-0025	82-0009		71-0102	81-0027		73-0025	83-0027	72-0102		71-0105	78-0104	85-0009	75-0071	84-0018	75-0050	
74-0029	82-0010		72-0101	81-0052		74-0029	83-0030	73-0025		72-0100	78-0105	85-0010	76-0029	84-0019	75-0126	
74-0053	82-0011		73-0025	82-0001		74-0053	84-0015	74-0029		72-0101	79-0027		76-0106	84-0020	76-0028	
75-0045	82-0049		74-0029	82-0008		75-0043	84-0016	74-0030		72-0102	79-0028		77-0070	85-0003	76-0029	
75-0048	83-0024		74-0030	82-0009		75-0045	84-0017	74-0053		72-0103	79-0030		78-0027	85-0004	77-0036	
75-0050	83-0026		74-0053	82-0010		75-0048	84-0020	74-0109		72-0104	79-0033		78-0104	85-0005	78-0015	
75-0071	83-0027		75-0045	82-0011		75-0050	85-0003	75-0045		72-0105	79-0105		79-0027	85-0006	79-0028	
76-0028	83-0028		75-0047	82-0029		75-0071	85-0004	75-0050		72-0106	79-0106		79-0030	85-0007	80-0019	
76-0106	83-0029		75-0048	82-0049		76-0028	85-0005	75-0071		73-0018	79-0107		79-0031	85-0010	80-0021	
77-0036	84-0014		75-0050	83-0024		76-0032	85-0006	75-0125		73-0025	80-0019		80-0019	85-0011	80-0029	
77-0070	84-0015		75-0071	83-0026		76-0106	85-0008	76-0028		73-0121	80-0024		80-0021		81-0024	
78-0015	84-0016		75-0126	83-0027		77-0036	85-0009	76-0105		74-0029	80-0029		80-0022		82-0001	
78-0104	84-0017		76-0028	83-0028		77-0039	85-0010	76-0106		74-0030	80-0098		80-0025		82-0009	
79-0028	84-0018		76-0106	83-0029		77-0070		77-0036		74-0053	81-0024		80-0026		82-0011	

GEOGRAPHIC INDEX (cont'd)

DATA LOCATION/REFERENCE BY DATA SET NUMBER

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
1826-0001	Franklin, J. and J. Richardson. 1828. Narrative of a second expedition to the shores of the Polar Sea, in the years 1825, 1826 and 1827.	-	Public
1848-0001	Richardson, Sir J. 1969. Arctic searching expedition: a journal of a boat-voyage through Rupert's Land and the Arctic Sea, in search of the Discovery ships under command of Sir John Franklin. Volume 1. Greenwood Press, Publishers, New York. 413 p.	-	Public
1862-0001	MacFarlane, R. 1905. Notes on mammals collected and observed in the northern Mackenzie River District, Northwest Territories of Canada. Proc. U.S. Nat. Mus. 28:623-764.	-	Public
1890-0001	Bodfish, H.H. 1936. Chasing the bowhead. Harvard University Press, Cambridge, Massachusetts. 281 p.	-	Public
1893-0002	Bodfish, H.H. 1936. Chasing the bowhead. Harvard University Press, Cambridge, Massachusetts. 281 p.	-	Public
1894-0001	Russell, F. 1898. Explorations in the far north. University of Iowa Press, Iowa City. 290 p.	-	Public
1894-0002	Cook, J.A. 1926. Pursuing the whale. A quarter-century of whaling in the Arctic. The Riverside Press, Cambridge, Massachusetts. 344 p.	-	Public
1897-0001	Bodfish, H.H. 1936. Chasing the bowhead. Harvard University Press, Cambridge, Massachusetts. 281 p.	-	Public
00-0001	Cook, J.A. 1926. Pursuing the whale. A quarter-century of whaling in the Arctic. The Riverside Press, Cambridge, Massachusetts. 344 p.	-	Public
03-0002	Cook, J.A. 1926. Pursuing the whale. A quarter-century of whaling in the Arctic. The Riverside Press, Cambridge, Massachusetts. 344 p.	-	Public

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
08-0003	Stefansson, V. 1926. My life with the Eskimo. Macmillan Co., New York. 527 p.	-	Public
11-0002	Anderson, R.M. 1937. Mammals and birds. p. 97-103, <u>In:</u> Canada's Western Northland. Dept. of Mines and Resources, Ottawa.	-	Public
13-0001	Stefansson, V. 1944. The friendly arctic. New York. 784 p.	-	Public
14-0004	Anderson, R.M. 1937. Mammals and birds. p. 97-103, <u>In:</u> Canada's Western Northland. Dept. of Mines and Resources, Ottawa.	-	Public
14-0005	Anderson, R.M. 1937. Mammals and birds. p. 97-103, <u>In:</u> Canada's Western Northland. Dept. of Mines and Resources, Ottawa.	-	Public
14-0006	Anderson, R.M. 1942. Two new seals from arctic Canada with key to the Canadian forms of hair seals (family Phocidae). Ann. Rep. Provancher Soc. Nat. Hist. p. 23-34.	-	Public
24-0003	Anderson, R.M. 1937. Mammals and birds. p. 97-103, <u>In:</u> Canada's Western Northland. Dept. of Mines and Resources, Ottawa.	-	Public
26-0005	Porsild, A.E. 1945. Mammals of the Mackenzie Delta. Canadian Field-Nat. 59:4-22.	-	Public
27-0006	Porsild, A.E. 1945. Mammals of the Mackenzie Delta. Canadian Field-Nat. 59:4-22.	-	Public
31-0007	Porsild, A.E. 1945. Mammals of the Mackenzie Delta. Canadian Field-Nat. 59:4-22.	-	Public
40-0010	Larsen, M.A. 1945. Reports and other papers relating to the two voyages of the R.C.M. Police Schooner <u>St. Roch</u> through the Northwest Passage. Ottawa. 102 p.	-	Public

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
	Larsen, M.A. 1969. The Northwest Passage 1940-1942 and 1944. The famous voyages of the R.C.M. Police Schooner <u>St. Roch</u> . Ottawa. 51 p.	-	Public
40-0011	Smith, T.G. and D. Taylor. 1977. Notes on marine mammal, fox and polar bear harvests in the Northwest Territories 1940 to 1972. Fish. Mar. Serv. Tech. Rep. No. 694. 37 p.	-	Public Hudson's Bay House Contact: L.R. McIntosh
	Usher, P.J. 1970. The Bankslanders: economy and ecology of a frontier trapping community. Volume 2 - economy and ecology. Dept. of Indian Affairs and Northern Development.	-	Public
42-0002	Clarke, C.H.D. 1944. Notes on the status and distribution of certain mammals and birds in the Mackenzie River and western Arctic area in 1942 and 1943. Can. Field-Nat. 58:97-103.	-	Public
51-0002	Hattersley-Smith, G.F. 1952. Beaufort Sea Expedition, 1951. Arctic Circular (5):13-17.	-	Public
	Manning, T.H. and A.H. McPherson. 1958. The mammals of Banks Island. Arctic Institute of North America Tech. Paper No. 2. 73 p.	-	Public
51-0025	McEwen, E.H. 1954. A sporadic occurrence of an Alaskan fur seal. J. Mammal. 35(3):444.	-	Public
52-0008	Manning, T.H. 1953. Narrative of an unsuccessful attempt to circumnavigate Banks Island by canoe in 1952. Arctic 6:170-197	-	Public
	Manning, T.H. and A.H. McPherson. 1958. The mammals of Banks Island. Arctic Institute of North America Tech. Paper No. 2. 73 p.	-	Public
52-0028	Harington, C.R. 1966. Extralimital occurrences of walruses in the Canadian Arctic. J. Mammal. 47(3):506-513.	-	Public

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
53-0013	Hohn, E.O. 1955. Birds and mammals observed on a cruise in Amundsen Gulf, N.W.T., July 29th - Aug. 16th, 1953. Can. Field-Nat. 69:41-44.	-	Public
53-0028	Manning, T.H. 1953. Narrative of a second defence research board expedition to Banks Island, with notes on the country and its history. Arctic 9:1-77.	-	Public
	Manning, T.H. and A.H. McPherson. 1958. The mammals of Banks Island. Arctic Institute of North America Tech. Paper No. 2. 73 p.	-	Public
54-0003	-	Not known	Not known
	Neave, F. 1954. Western Arctic. p. 165-166, In: Annual report of the Pacific Biological Station, Nanaimo.	-	Public
55-0010	McEwen, E.H. 1955. A biological survey of the west coast of Banks Island - 1955. Can. Wildl. Serv. Rep. CWS-22-55, Ottawa. 64 p.	-	Public
55-0038	Smith, T.G. and D. Taylor. 1977. Notes on marine mammal, fox and polar bear harvests in the Northwest Territories 1940 to 1972. Fish. Mar. Serv. Tech. Rep. No. 694. 37 p.	-	Public
58-0042	Radvanyi, A. 1960. Off-course migration of a northern fur seal. J. Mammal. 41(2):277.	-	Public
58-0046	Harington, C.R. 1966. Extralimital occurrences of walruses in the Canadian Arctic. J. Mammal. 47(3):506-513.	-	Public
59-0043	Harington, C.R. 1966. Extralimital occurrences of walruses in the Canadian Arctic. J. Mammal. 47(3):506-513.	-	Public
60-0064	Harington, C.R. 1966. Extralimital occurrences of walruses in the Canadian Arctic. J. Mammal. 47(3):506-513.	-	Public

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
62-0063	Abrahamson, G. 1963. Tuktoyaktuk - Cape Parry. Area economic survey. Dept. of Northern Affairs and National Resources, Ottawa. 109 p.	-	Public
62-0064	Harington, C.R. 1966. Extralimital occurrences of walruses in the Canadian Arctic. J. Mammal. 47(3):506-513.	-	Public
63-0056	Harington, C.R. 1966. Extralimital occurrences of walruses in the Canadian Arctic. J. Mammal. 47(3):506-513.	-	Public
64-0052	Harington, C.R. 1966. Extralimital occurrences of walruses in the Canadian Arctic. J. Mammal. 47(3):506-513.	-	Public
64-0053	Bisset, D. 1967. The lower Mackenzie region: an area economic survey. Northern Administration Branch, Indian and Northern Affairs.	-	Public
65-0058	Harington, C.R. 1966. Extralimital occurrences of walruses in the Canadian Arctic. J. Mammal. 47(3):506-513.	-	Public
65-0060	Usher, P.J. 1966. Banks Island, an economic survey, 1965. Dept. of Northern Affairs and National Resources.	-	Public
66-0058	Usher, P.J. and M. Church. 1969. On the relationship of weight, length, and girth of the ringed seal (<u>Pusa hispida</u>) of the Canadian Arctic. Arctic 22(2):120-129.	-	Public
67-0007	Barry, T.W. 1967. Geese of the Anderson River delta, N.W.T. Ph.D. Thesis, University of Alberta, Edmonton. 212 p.	-	Public
69-0017	-	Field notes	Public Arctic Biological Station Contact: D.E. Sergeant
69-0063	Frame, G.W. 1972. Occurrence of polar bears in the Chukchi and Beaufort seas, summer 1969. J. Mammal. 53(1):187-189.	-	Public

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
71-0100	-	Export Tax Forms	Public Government of Northwest Territories Contact: R. Tingling
71-0101	-	Laboratory sheets Field sheets	Not known Canadian Wildlife Service Contact: I. Stirling
	Stirling, I., W.R. Archibald, and D. DeMaster. 1975. The distribution and abundance of seals in the eastern Beaufort Sea. Beaufort Sea Project, Tech. Rep. No. 1, Dept. of the Environment. 58 p.	-	Public
	Stirling, I. and W.R. Archibald. 1977. Aspects of predation of seals by polar bears. J. Fish. Res. Board Can. 34:1126-1129.	-	Public
	Stirling, I., W.R. Archibald, and D. DeMaster. 1977. Distribution and abundance of seals in the eastern Beaufort Sea. J. Fish Res. Board Can. 34:976-988.	-	Public
71-0102	-	Field sheets Laboratory sheets	Not known Arctic Biological Station Contact: T.G. Smith
	Smith, T.G., B. Beck, and G.A. Steno. 1973. Capture, handling and branding of ringed seals. J. Wildl. Man. 37(4):579-583.	-	Public
	Geraci, J.R. and T.G. Smith. 1975. Functional hematology of ringed seals (<u>Phoca hispida</u>) in the Canadian arctic. J. Fish. Res. Board Can. 32:2559-2564.	-	Public
	Geraci, J.R. and T.G. Smith. 1976. Direct and indirect effects of oil on ringed seals (<u>Phoca hispida</u>) of the Beaufort Sea. J. Fish. Res. Board Can. 33:1976-1984.	-	Public

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
	Geraci, J.R., D.J. St. Aubin, and T.G. Smith. 1979. Influence of age, condition, sampling time, and method on plasma chemical constituents in free-ranging ringed seals, <u>Phoca hispida</u> . J. Fish. Res. Board Can. 36:1278-1282.	-	Public
71-0105	-	Not known	Not known Arctic Biological Station Contact: T.G. Smith
	Smith, T.G. and I. Stirling. 1975. The breeding habitat of the ringed seal (<u>Phoca hispida</u>). The birth lair and associated structures. Can. J. Zool. 53:1297-1305.	-	Public
71-0106	-	Not known	Not known Arctic Biological Station Contact: T.G. Smith
	Smith, T.G. 1981. Notes on the bearded seal, <u>Erignathus barbatus</u> , in the Canadian arctic. Can. Tech. Rep. Fish. Aquat. Sci. 1042:v + 49 p.	-	Public
72-0099	-	Export Tax Forms	Public Government of Northwest Territories Contact: R. Tingling
72-0100	-	Audio tapes Field sheets	Not known Canadian Wildlife Service Contact: I. Stirling
	Stirling, I. 1973. Vocalization in the ringed seal (<u>Phoca hispida</u>). J. Fish. Res. Board Can. 30:1592-1594.	-	Public
72-0101	-	Laboratory, field sheets Audio tapes	Not known Canadian Wildlife Service Contact: I. Stirling

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
	Stirling, I. 1973. Vocalization in the ringed seal (<u>Phoca hispida</u>). J. Fish. Res. Board Can. 30:1592-1594.	-	Public
	Stirling, I. 1974. An overwintering walrus in the Beaufort Sea. Murrelet 55:40-41.	-	Public
	Stirling, I., W.R. Archibald, and D. DeMaster. 1975. The distribution and abundance of seals in the eastern Beaufort Sea. Beaufort Sea Project, Tech. Rep. No. 1, Dept. of the Environment. 58 p.	-	Public
	Stirling, I. and W.R. Archibald. 1977. Aspects of predation of seals by polar bears. J. Fish. Res. Board Can. 34:1126-1129.	-	Public
	Stirling, I., W.R. Archibald, and D. Demaster. 1977. Distribution and abundance of seals in the eastern Beaufort Sea. J. Fish. Res. Board Can. 34:976-988.	-	Public
72-0102	-	Field notes	Not known Canadian Wildlife Service Contact: I. Stirling
72-0103	-	Not known	Not known Arctic Biological Station Contact: T.G. Smith
	Stirling, I. and E.H. McEwen. 1975. The caloric value of whole ringed seals (<u>Phoca hispida</u>) in relation to polar bear (<u>Ursa maritimus</u>) ecology and hunting behaviour. Can. J. Zool. 53:1021-1027.	-	Public
72-0104	-	Not known	Not known Arctic Biological Station Contact: T.G. Smith

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
	Smith, T.G. 1973. Censusing and estimating the size of ringed seal populations. Fish. Res. Board Can. Tech. Rep. No. 427.	-	Public
	Stirling, I., M.C.S. Kingsley, and W. Calvert. 1982. The distribution and abundance of seals in the eastern Beaufort Sea, 1974-1979. Can. Wildl. Serv. Occ. Paper No. 47. 25 p.	-	Public
72-0105	Geraci, J.R. and T.G. Smith. 1976. Direct and indirect effects of oil on ringed seals (<u>Phoca hispida</u>) of the Beaufort Sea. J. Fish. Res. Board Can. 33:1976-1984.	-	Public
72-0106	-	Not known Audio tapes	Not known Arctic Biological Station Contact: T.G. Smith
	Stirling, I. 1973. Vocalization in the ringed seal (<u>Phoca hispida</u>). J. Fish. Res. Board Can. 30:1592-1594.	-	Public
	Smith, T.G. and I. Stirling. 1975. The breeding habitat of the ringed seal (<u>Phoca hispida</u>). The birth lair and associated structures. Can. J. Zool. 53:1297-1305.	-	Public
	Smith, T.G. 1976. Predation of ringed seal pups (<u>Phoca hispida</u>) by the arctic fox (<u>Alopex lagopus</u>). Can. J. Zool. 54:1610-1616.	-	Public
	Smith, T.G. and J. Memogana. 1977. Disorientation in ringed and bearded seals. Can. Field-Nat. 91(2):181-182.	-	Public
	Smith, T.G. and I. Stirling. 1978. Variation in the density of ringed seal (<u>Phoca hispida</u>) birth lairs in the Amundsen Gulf, Northwest Territories. Can. J. Zool. 56:1066-1070.	-	Public
	Smith, T.G. 1980. Polar bear predation of ringed and bearded seals in the land-fast sea ice habitat. Can. J. Zool. 58:2201-2209.	-	Public

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
72-0107	- Smith, T.G. 1981. Notes on the bearded seal, <u>Erignathus barbatus</u> , in the Canadian arctic. Can. Tech. Rep. Fish. Aquat. Sci. 1042:v + 49 p.	Not known	Not known Arctic Biological Station Contact: T.G. Smith
72-0108	- Smith, T.G. and F.A.J. Armstrong. 1975. Mercury in seals, terrestrial carnivores and principal food items of the Inuit, from Holman, N.W.T. J. Fish. Res. Board Can. 32:795-801.	-	Public
72-0108	- Smith, T.G. and F.A.J. Armstrong. 1978. Mercury and selenium in ringed and bearded seal tissues from arctic Canada. Arctic 31(2):75-84.	Not known	Not known Arctic Biological Station Contact: T.G. Smith
72-0108	- Smith, T.G. 1981. Notes on the bearded seal, <u>Erignathus barbatus</u> , in the Canadian arctic. Can. Tech. Rep. Fish. Aquat. Sci. 1042:v + 49 p.	-	Public
73-0018	- Stirling, I., W.R. Archibald, and D. DeMaster. 1975. The distribution and abundance of seals in the eastern Beaufort Sea. Beaufort Sea Project, Tech. Rep. No. 1, Dept. of the Environment. 58 p.	Field notes	Public Arctic Biological Station Contact: D.E. Sergeant
73-0025	- Stirling, I., W.R. Archibald, and D. DeMaster. 1975. The distribution and abundance of seals in the eastern Beaufort Sea. Beaufort Sea Project, Tech. Rep. No. 1, Dept. of the Environment. 58 p.	Laboratory sheets Field sheets	Not known Canadian Wildlife Service Contact: I. Stirling
		-	Public

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
	Stirling, I. and W.R. Archibald. 1977. Aspects of predation of seals by polar bears. <i>J. Fish. Res. Board Can.</i> 34:1126-1129.	-	Public
	Stirling, I., W.R. Archibald and D. DeMaster. 1977. Distribution and abundance of seals in the eastern Beaufort Sea. <i>J. Fish. Res. Board Can.</i> 34:976-988.	-	Public
73-0116	-	Export Tax Forms	Public Government of Northwest Territories Contact: R. Tingling
73-0121	-	Not known	Not known Arctic Biological Station Contact: T.G. Smith
	Smith, T.G. and I. Stirling. 1975. The breeding habitat of the ringed seal (<u>Phoca hispida</u>). The birth lair and associated structures. <i>Can. J. Zool.</i> 53:1297-1305.	-	Public
	Smith, T.G. 1976. Predation of ringed seal pups (<u>Phoca hispida</u>) by the arctic fox (<u>Alopex lagopus</u>). <i>Can. J. Zool.</i> 54:1610-1616.	-	Public
	Smith, T.G. and J. Memogana. 1977. Disorientation in ringed and bearded seals. <i>Can. Field-Nat.</i> 91(2):181-182.	-	Public
	Smith, T.G. and I. Stirling. 1978. Variation in the density of ringed seal (<u>Phoca hispida</u>) birth lairs in the Amundsen Gulf, Northwest Territories. <i>Can. J. Zool.</i> 56:1066-1070.	-	Public
	Smith, T.G. 1980. Polar bear predation of ringed and bearded seals in the land-fast sea ice habitat. <i>Can. J. Zool.</i> 58:2201-2209.	-	Public

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
73-0122	- Smith, T.G. and F.A.J. Armstrong. 1975. Mercury in seals, terrestrial carnivores and principal food items of the Inuit, from Holman, N.W.T. J. Fish. Res. Board Can. 32:795-801. Smith, T.G. and F.A.J. Armstrong. 1978. Mercury and selenium in ringed and bearded seal tissues from arctic Canada. Arctic 31(2):75-84. Smith, T.G. 1981. Notes on the bearded seal, <u>Erignathus barbatus</u> , in the Canadian arctic. Can. Tech. Rep. Fish. Aquat. Sci. 1042:v + 49 p.	Not known - - -	Not known Arctic Biological Station Contact: T.G. Smith Public Public Public
74-0029	- Stirling, I., W.R. Archibald, and D. DeMaster. 1975. The distribution and abundance of seals in the eastern Beaufort Sea. Beaufort Sea Project, Tech. Rep. No. 1, Dept. of the Environment. 58 p. Stirling, I., W.R. Archibald and D. DeMaster. 1977. Distribution and abundance of seals in the eastern Beaufort Sea. J. Fish. Res. Board Can. 34:976-988. Stirling, I., M.C.S. Kingsley, and W. Calvert. 1981. The distribution and abundance of ringed and bearded seals in the eastern Beaufort Sea, 1974-1979. Rep. prep. for Dome Petroleum Ltd., Esso Resources Canada Ltd. and the Dept. of Indian and Northern Affairs. Stirling, I., M.C.S. Kingsley, and W. Calvert. 1982. The distribution and abundance of seals in the eastern Beaufort Sea, 1974-1979. Can. Wildl. Serv. Occ. Paper No. 47. 25 p.	Field sheets - - -	Public Canadian Wildlife Service Contact: I. Stirling Public Public Public

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
74-0030	-	Field notes	Public Arctic Biological Station Contact: D.E. Sergeant
74-0053	-	Laboratory sheets Field sheets	Not known Canadian Wildlife Service Contact: I. Stirling
	Stirling, I., W.R. Archibald, and D. DeMaster. 1975. The distribution and abundance of seals in the eastern Beaufort Sea. Beaufort Sea Project, Tech. Rep. No. 1, Dept. of the Environment. 58 p.	-	Public
	Stirling, I. and W.R. Archibald. 1977. Aspects of predation of seals by polar bears. J. Fish. Res. Board Can. 34:1126-1129.	-	Public
	Stirling, I., W.R. Archibald, and D. DeMaster. 1977. Distribution and abundance of seals in the eastern Beaufort Sea. J. Fish. Res. Board Can. 34:976-98.	-	Public
74-0108	-	Export Tax Forms	Public Government of Northwest Territories Contact: R. Tingling
74-0109	-	Field sheets Laboratory sheets	Not known Canadian Wildlife Service Contact: I. Stirling
	Stirling, I., W.R. Archibald, and D. DeMaster. 1975. The distribution and abundance of seals in the eastern Beaufort Sea. Beaufort Sea Project, Tech. Rep. No. 1, Dept. of the Environment. 58 p.	-	Public
	Stirling, I., W.R. Archibald, and D. DeMaster. 1977. Distribution and abundance of seals in the eastern Beaufort Sea. J. Fish. Res. Board Can. 34:976-98.	-	Public

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
	Stirling, I., M.C.S. Kingsley, and W. Calvert. 1982. The distribution and abundance of seals in the eastern Beaufort Sea, 1974-1979. Can. Wildl. Serv. Occ. Paper No. 47. 25 p.	-	Public
74-0110	-	Not known	Not known Arctic Biological Station Contact: T.G. Smith
	Smith, T.G. and J.R. Geraci. 1975. Effect of contact and ingestion of crude oil on ringed seals. Beaufort Sea Tech. Rep. No. 5.	-	Public
	Geraci, J.R. and T.G. Smith. 1976. Direct and indirect effects of oil on ringed seals (<u>Phoca hispida</u>) of the Beaufort Sea. J. Fish. Res. Board Can. 33:1976-1984.	-	Public
74-0115	-	Not known	Not known Arctic Biological Station Contact: T.G. Smith
	Smith, T.G. and I. Stirling. 1975. The breeding habitat of the ringed seal (<u>Phoca hispida</u>). The birth lair and associated structures. Can. J. Zool. 53:1297-1305.	-	Public
	Smith, T.G. 1976. Predation of ringed seal pups (<u>Phoca hispida</u>) by the arctic fox (<u>Alopex lagopus</u>). Can. J. Zool. 54:1610-1616.	-	Public
	Smith, T.G. and J. Memogana. 1977. Disorientation in ringed and bearded seals. Can. Field-Nat. 91(2):181-182.	-	Public
	Smith, T.G. and I. Stirling. 1978. Variation in the density of ringed seals (<u>Phoca hispida</u>) birth lairs in the Amundsen Gulf, Northwest Territories. Can. J. Zool. 56:1066-1070.	-	Public

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
	Smith, T.G. 1980. Polar Bear predation of ringed and bearded seals in the land-fast sea ice habitat. Can. J. Zool. 58:2201-2209.	-	Public
75-0043	-	Field notes	Not known Beak Consultants Ltd.
75-0045	-	Field sheets	Public Canadian Wildlife Service Contact: I. Stirling
	Stirling, I., W.R. Archibald, and D. DeMaster. 1975. The distribution and abundance of seals in the eastern Beaufort Sea. Beaufort Sea Project, Tech. Rep. No. 1, Dept. of the Environment. 58 p.	-	Public
	Stirling, I., W.R. Archibald, and D. DeMaster. 1977. Distribution and abundance of seals in the eastern Beaufort Sea. J. Fish. Res. Board Can. 34:976-988.	-	Public
	Stirling, I., M.C.S. Kingsley and W. Calvert. 1981. The distribution and abundance of ringed and bearded seals in the eastern Beaufort Sea, 1974-1979. Rep. prep. for Dome Petroleum Ltd., Esso Resources Canada Ltd., and the Dept. of Indian and Northern Affairs.	-	Public
	Stirling, I., M.C.S. Kingsley, and W. Calvert. 1982. The distribution and abundance of seals in the eastern Beaufort Sea, 1974-1979. Can. Wildl. Serv. Occ. Paper No. 47. 25 p.	-	Public
75-0047	-	Field notes	Public Arctic Biological Station Contact: D.E. Sergeant
75-0048	-	Field sheets	Not known LGL Ltd. Contact: S.R. Johnson

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
75-0050	-	Field sheets	Not known F.F. Slaney & Co. Ltd. Contact: P. Norton
75-0071	-	Laboratory sheets	Not known Canadian Wildlife Service Contact: I. Stirling
	Stirling, I., W.R. Archibald, and D. DeMaster. 1975. The distribution and abundance of seals in the eastern Beaufort Sea. Beaufort Sea Project, Tech. Rep. No. 1, Dept. of the Environment. 58 p.	-	Public
	Stirling, I. and W.R. Archibald. 1977. Aspects of predation of seals by polar bears. J. Fish. Res. Board Can. 34:1126-1129.	-	Public
	Stirling, I., W.R. Archibald, and D. DeMaster. 1977. Distribution and abundance of seals in the eastern Beaufort Sea. J. Fish. Res. Board Can. 34:976-988.	-	Public
75-0124	-	Export Tax Forms	Public Government of Northwest Territories Contact: R. Tingling
75-0125	-	Field sheets Laboratory sheets	Not known Canadian Wildlife Service Contact: I. Stirling
	Stirling, I., W.R. Archibald, and D. DeMaster. 1975. The distribution and abundance of seals in the eastern Beaufort Sea. Beaufort Sea Project, Tech. Rep. No. 1, Dept. of the Environment. 58 p.	-	Public
	Stirling, I., W.R. Archibald, and D. DeMaster. 1977. Distribution and abundance of seals in the eastern Beaufort Sea. J. Fish. Res. Board Can. 34:976-988.	-	Public

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
	Stirling, I., M.C.S. Kingsley, and W. Calvert. 1982. The distribution and abundance of seals in the eastern Beaufort Sea, 1974-1979. Can. Wildl. Serv. Occ. Paper No. 47. 25 p.	-	Public
75-0126	Moore, G. 1976. A survey of ringed seals (<u>Phoca hispida</u>) along the northeast Alaska and Yukon Territory coasts, 1976. Arctic Gas Biol. Rep. Ser. 36(2).	-	Public
75-0132	-	Not known	Not known Arctic Biological Station Contact: T.G. Smith
	Smith, T.G. 1976. Predation of ringed seal pups (<u>Phoca hispida</u>) by the arctic fox (<u>Alopex lagopus</u>). Can. J. Zool. 54:1610-1616.	-	Public
	Smith, T.G. and I. Stirling. 1978. Variation in the density of ringed seal (<u>Phoca hispida</u>) birth lairs in the Amundsen Gulf, Northwest Territories. Can. J. Zool. 56:1066-1070.	-	Public
	Smith, T.G. 1980. Polar bear predation of ringed and bearded seals in the land-fast sea ice habitat. Can. J. Zool. 58:2201-2209.	-	Public
75-0133	-	Not known	Not known Arctic Biological Station Contact: T.G. Smith
	Smith, T.G. 1981. Notes on the bearded seal, <u>Erignathus barbatus</u> , in the Canadian arctic. Can. Tech. Rep. Fish. Aquat. Sci. 1042:v + 49 p.	-	Public
76-0028	-	Field sheets	Public Canadian Wildlife Service Contact: I. Stirling

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
	Stirling, I., M.C.S. Kingsley, and W. Calvert. 1981. The distribution and abundance of ringed and bearded seals in the eastern Beaufort Sea, 1974-1979. Rep. prep. for Dome Petroleum Ltd., Esso Resources Canada Ltd., and the Dept. of Indian and Northern Affairs.	-	Public
	Stirling, I., M.C.S. Kingsley, and W. Calvert. 1982. The distribution and abundance of seals in the eastern Beaufort Sea, 1974-1979. Can. Wildl. Serv. Occ. Paper No. 47. 25 p.	-	Public
76-0029	-	Field notes	Public Arctic Biological Station Contact: D.E. Sergeant
76-0031	-	Field notes	Public F.F. Slaney & Co. Ltd. Contact: J.K.B. Ford
76-0032	-	Field sheets	Public Dome Petroleum Ltd. Contact: J.G. Ward
	Marex. 1977. Wildlife Observations - Environmental Observations Beaufort Sea, 1976. Appendix 5. Rep. No. 275e. Prepared for Canadian Marine Drilling Ltd.	-	Public
76-0104	-	Export Tax Forms	Public Government of Northwest Territories Contact: R. Tingling
76-0105	-	Field sheets Laboratory sheets	Not known Canadian Wildlife Service Contact: I. Stirling

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
	Stirling, I., M.C.S. Kingsley, and W. Calvert. 1982. The distribution and abundance of seals in the eastern Beaufort Sea, 1974-1979. Can. Wildl. Serv. Occ. Paper No. 47. 25 p.	-	Public
76-0106	-	Field sheets Laboratory sheets	Not known Canadian Wildlife Service Contact: I. Stirling
	Stirling, I., M.C.S. Kingsley, and W. Calvert. 1982. The distribution and abundance of seals in the eastern Beaufort Sea, 1974-1979. Can. Wildl. Serv. Occ. Paper No. 47. 25 p.	-	Public
76-0108	-	Not known	Not known Arctic Biological Station Contact: T.G. Smith
	Smith, T.G. and I. Stirling. 1978. Variation in the density of ringed seal (<u>Phoca hispida</u>) birth lairs in the Amundsen Gulf, Northwest Territories. Can. J. Zool. 56:1066-1070.	-	Public
77-0036	-	Field sheets	Public Canadian Wildlife Service Contact: I. Stirling
	Stirling, I., D. DeMaster, and D. Andriashek. 1977. Report to DINA on the 1977 survey of the distribution and abundance of seals in the eastern Beaufort Sea. Can. Wildl. Serv. 11 p.	-	Public
	Stirling, I., M.C.S. Kingsley, and W. Calvert. 1981. The distribution and abundance of ringed and bearded seals in the eastern Beaufort Sea, 1974-1979. Rep. prep. for Dome Petroleum Ltd., Esso Resources Canada Ltd., and the Dept. of Indian and Northern Affairs.	-	Public

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
	Stirling, I., M.C.S. Kingsley, and W. Calvert. 1982. The distribution and abundance of seals in the eastern Beaufort Sea, 1974-1979. Can. Wildl. Serv. Occ. Paper No. 47. 25 p.	-	Public
77-0039	-	Field sheets	Public Dome Petroleum Ltd. Contact: J.G. Ward
77-0070	-	Field sheets Laboratory sheets	Not known Canadian Wildlife Service Contact: I. Stirling
	Stirling, I., M.C.S. Kingsley, and W. Calvert. 1982. The distribution and abundance of seals in the eastern Beaufort Sea, 1974-1979. Can. Wildl. Serv. Occ. Paper No. 47. 25 p.	-	Public
77-0108	-	Export Tax Forms	Public Government of Northwest Territories Contact: R. Tingling
77-0109	-	Laboratory sheets Field sheets	Not known Canadian Wildlife Service Contact: I. Stirling
	Stirling, I., M.C.S. Kingsley, and W. Calvert. 1982. The distribution and abundance of seals in the eastern Beaufort Sea, 1974-1979. Can. Wildl. Serv. Occ. Paper No. 47. 25 p.	-	Public
77-0110	-	Not known	Not known Arctic Biological Station Contact: T.G. Smith
	Smith, T.G. 1981. Notes on the bearded seal, <u>Erignathus barbatus</u> in the Canadian arctic. Can. Tech. Rep. Fish. Aquat. Sci. 1042:v + 49 p.	-	Public

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
77-0112	- Smith, T.G. and F.A.J. Armstrong. 1978. Mercury and selenium in ringed and bearded seal tissues from arctic Canada. Arctic 31(2):75-84. Smith, T.G. 1981. Notes on the bearded seal, <u>Erignathus barbatus</u> , in the Canadian arctic. Can. Tech. Rep. Fish. Aquat. Sci. 1042:v + 49 p.	Not known - -	Not known Arctic Biological Station Contact: T.G. Smith Public Public
78-0015	- Stirling, I., D. DeMaster, D. Andriashuk, and W. Calvert. 1979. Report to DINA on the 1978 survey of the distribution and abundance of seals in the eastern Beaufort Sea. Can. Wildl. Serv. Rep. 20 p. Stirling, I., M.C.S. Kingsley, and W. Calvert. 1981. The distribution and abundance of ringed and bearded seals in the eastern Beaufort Sea, 1974-1979. Rep. prep. for Dome Petroleum Ltd., Esso Resources Canada Ltd., and the Dept. of Indian and Northern Affairs. Stirling, I., M.C.S. Kingsley, and W. Calvert. 1982. The distribution and abundance of seals in the eastern Beaufort Sea, 1974-1979. Can. Wildl. Serv. Occ. Paper No. 47. 25 p.	Field sheets - -	Public Canadian Wildlife Service Contact: I. Stirling Public Public
78-0027	- Dome Petroleum Ltd. and Canadian Marine Drilling Ltd. 1978. Report Canmar Wildlife Observation Program Beaufort Sea - 1978 season. Dome/Canmar Technical Report.	Field sheets - -	Public Dome Petroleum Ltd. Contact: J.G. Ward Public

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
78-0102	-	Export Tax Forms	Public Government of Northwest Territories Contact: R. Tingling
78-0103	-	Laboratory sheets Field sheets	Not known Canadian Wildlife Service Contact: I. Stirling
	Stirling, I., M.C.S. Kingsley, and W. Calvert. 1982. The distribution and abundance of seals in the eastern Beaufort Sea, 1974-1979. Can. Wildl. Serv. Occ. Paper No. 47. 25 p.	-	Public
78-0104	-	Field sheets Laboratory sheets	Not known Canadian Wildlife Service Contact: I. Stirling
	Stirling, I., M.C.S. Kingsley, and W. Calvert. 1982. The distribution and abundance of seals in the eastern Beaufort Sea, 1974-1979. Can. Wildl. Serv. Occ. Paper No. 47. 25 p.	-	Public
78-0105	-	Not known	Not known Arctic Biological Station Contact: T.G. Smith
79-0027	-	Field sheets	Not known Cascadia Research Collective Contact: J.C. Cubbage
79-0028	-	Field sheets	Public Canadian Wildlife Service Contact: I. Stirling
	Stirling, I., D. DeMaster, and W. Calvert. 1980. Report to DINA on the 1979 survey of the distribution and abundance of seals in the eastern Beaufort Sea. Can. Wildl. Serv. Rep. 18 p.	-	Public

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
	Stirling, I., M.C.S. Kingsley, and W. Calvert. 1981. The distribution and abundance of ringed and bearded seals in the eastern Beaufort Sea, 1974-1979. Rep. prep. for Dome Petroleum Ltd., Esso Resources Canada Ltd., and the Dept. of Indian and Northern Affairs.	-	Public
	Stirling, I., M.C.S. Kingsley, and W. Calvert. 1982. The distribution and abundance of seals in the eastern Beaufort Sea, 1974-1979. Can. Wildl. Serv. Occ. Paper No. 47. 25 p.	-	Public
79-0030	-	Field sheets Laboratory sheets	Not known Canadian Wildlife Service Contact: I. Stirling
	Stirling, I., M.C.S. Kingsley, and W. Calvert. 1982. The distribution and abundance of seals in the eastern Beaufort Sea, 1974-1979. Can. Wildl. Serv. Occ. Paper No. 47. 25 p.	-	Public
79-0031	-	Field sheets	Public Dome Petroleum Ltd. Contact: J.G. Ward
	Dome Petroleum Ltd. and Canadian Marine Drilling Ltd. 1979. Environmental observations in the Beaufort Sea - 1979 season, wildlife report. Dome/Canmar Technical Report.	-	Public
79-0033	-	Field sheets	Not known LGL Ltd. Contact: R.A. Davis
	Ward, J.G. 1979. Bird and mammal surveys in the Cape Parry area, Northwest Territories, June-August 1979. Unpub. LGL Ltd. rep. for Dome Petroleum Ltd., Calgary. 40 p.	-	Public

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
79-0104	-	Export Tax Forms	Public Government of Northwest Territories Contact: R. Tingling
79-0105	-	Laboratory sheets	Not known Canadian Wildlife Service Contact: I. Stirling
	Stirling, I., M.C.S. Kingsley, and W. Calvert. 1982. The distribution and abundance of seals in the eastern Beaufort Sea, 1974-1979. Can. Wildl. Serv. Occ. Paper No. 47. 25 p.	-	Public
79-0106	MacLaren Marex Inc. 1979. Report on wildlife observations made in September 1979 on the ice-breaker Canmar Kigoriak between St. John, N.B. and Tuktoyaktuk, N.W.T. Rep. by MacLaren Marex Inc. for Dome Petroleum Ltd.	-	Public
79-0107	-	Not known	Not known Arctic Biological Station Contact: T.G. Smith
80-0019	-	Field sheets	Not known National Marine Mammal Laboratory Contact: D.J. Rugh
80-0021	-	Field sheets	Not known Cascadia Research Collective Contact: J.C. Cubbage
80-0022	-	Field sheets	Public Naval Ocean Systems Center Contact: D.K. Ljungblad

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
	Ljungblad, D.K. 1981. Aerial surveys of endangered whales in the Beaufort Sea, Chukchi Sea, and northern Bering Sea. Naval Ocean Systems Center Tech. Doc. No. 449. 49 p.	-	Public
80-0023	-	Field sheets	Public Dome Petroleum Ltd. Contact: J.G. Ward
	Dome Petroleum Ltd. and Canadian Marine Drilling Ltd. 1980. Environmental observations in the Beaufort Sea, 1980 season. Dome/Canmar Technical Report.	-	Public
80-0024	-	Field sheets	Public Freshwater Institute Contact: M.C.S. Kingsley
	Stirling, I., M.C.S. Kingsley, and W. Calvert. 1981. The distribution and abundance of seals in the high arctic, 1980. Rep. prep. for Dome Petroleum Ltd., the Arctic Islands Offshore Production Committee and the Dept. of Indian and Northern Affairs. Can. Wild. Serv. Rep. 51 p.	-	Public
	Kingsley, M.C.S., I. Stirling, and W. Calvert. 1982. The distribution and abundance of seals in the high arctic, 1980-1981. Rep. prep. for the Arctic Islands Operating Advisory Comm., Dept. of Indian and Northern Affairs and the Dept. of Fisheries and Oceans. vi + 68 p.	-	Public
80-0025	-	Not known	Not known LGL Ltd. Contact: W.J. Richardson
80-0026	-	Tape transcript.	Public LGL Ltd. Contact: R.A. Davis

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
	Renaud, W.E. and R.A. Davis. 1981. Aerial surveys of bowhead whales and other marine mammals off the Tuktoyaktuk Peninsula, N.W.T., August-September, 1980. Unpubl. rep. by LGL Ltd. for Dome Petroleum Ltd., Calgary. 55 p.	-	Public
80-0027	-	Field sheets	Public Dome Petroleum Ltd. Contact: J.G. Ward
	Ward, J.G. 1981. Wildlife observations during dredging operations in McKinley Bay, July-August, 1980. Unpubl. rep. by Dome Petroleum Ltd., Calgary. 53 p.	-	Public
80-0029	-	Tape transcript.	Not known LGL Ltd. Contact: K.J. Finley
80-0095	-	Export Tax Forms	Public Government of Northwest Territories Contact: R. Tingling
80-0096	-	Field sheets	Public LGL Ltd. Contact: R.A. Davis
	Alliston, W.G. 1980. The distribution of ringed seals in relation to winter ice-breaking activities near McKinley Bay, N.W.T., January-June, 1980. Unpubl. rep. by LGL Ltd. for Dome Petroleum Ltd. 52 p.	-	Public
80-0097	-	Field sheets	Not known LGL Ltd. Contact: R.A. Davis

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
	Alliston, W.G. and M.A. McLaren. 1981. The distribution and abundance of ringed seals in western Coronation Gulf, Prince Albert Sound and Minto Inlet, N.W.T., June 1980. Unpubl. rep. by LGL Ltd. for Polar Gas Project.	-	Public
80-0098	-	Not known	Not known Arctic Biological Station Contact: T.G. Smith
80-0099	Boothroyd, P.N. and D.J. Karasiuk. 1981. Preliminary environmental assessment of proposed harbour sites at McKinley Bay and Baillie Islands, Northwest Territories. Canadian Wildlife Service unpubl. report.	-	Not known Dome Petroleum Ltd. Contact: J.G. Ward
81-0024	-	Field sheets	Public Freshwater Institute Contact: M.C.S. Kingsley
	Kingsley, M.C.S., W. Calvert, and I. Stirling. 1982. The abundance of seals in the eastern Beaufort Sea, northern Amundsen Gulf, and Prince Albert Sound, 1981. Rep. prep. for Dome Petroleum Ltd., Esso Resources Canada Ltd., and Gulf Canada Resources Inc. Can. Wildl. Serv., Edmonton. v + 18 p.	-	Public
	Kingsley, M.C.S. and N.J. Lunn. 1983. The abundance of seals in the Beaufort Sea, northern Amundsen Gulf and Prince Albert Sound, 1982. Rep. prep. for Dome Petroleum Ltd., and Gulf Canada Resources Inc.	-	Public
	Kingsley, M.C.S. 1984. The abundance of ringed seals in the Beaufort Sea and Amundsen Gulf, 1983. Can. Manuscr. Rep. Fish. Aquat. Sci. 1778:iv + 8 p.	-	Public
81-0025	-	Field sheets	Public Dome Petroleum Ltd. Contact: J.G. Ward

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
	Dome Petroleum Ltd. and Canadian Marine Drilling Ltd. 1982. Wildlife observations in the Beaufort Sea, 1981 season. Dome/Canmar Technical Report. 77 p.	-	Public
81-0026	-	Tape transcript.	Not known LGL Ltd. Contact: R.A. Davis
81-0027	-	Not known	Not known LGL Ltd. Contact: W.J. Richardson
81-0052	-	Field notes	Not known Naval Ocean Systems Center Contact: D.K. Ljungblad
	Ljungblad, D.K., S.E. Moore, D.R. Van Schoik, and C.S. Winchell. 1982. Aerial surveys of endangered whales in the Beaufort, Chukchi and northern Bering Seas. NOSC Tech. Doc. No. 486. 406 p.	-	Public
81-0097	-	Export Tax Forms	Public Government of Northwest Territories Contact: R. Tingling
81-0098	-	Field sheets	Public Freshwater Institute Contact: M.C.S. Kingsley
	Kingsley, M.C.S., I. Stirling, and W. Calvert. 1982. The distribution and abundance of seals in the high arctic, 1980-1981. Rep. prep. for the Arctic Islands Operating Advisory Comm., Dept. Indian and Northern Affairs and the Dept. of Fisheries and Oceans. vi + 68 p.	-	Public

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
81-0099	-	Not known	Not known Arctic Biological Station Contact: T.G. Smith
82-0001	-	Tape transcript.	Not known LGL Ltd. Contact: K.J. Finley
82-0008	-	Not known	Not known LGL Ltd. Contact: W.J. Richardson
82-0009	-	Tape transcript.	Public LGL Ltd. Contact: R.A. Davis
82-0010	-	Tape transcript.	Public ESL Environmental Sciences Ltd. Contact: L.A. Harwood
	Harwood, L.A. and J.K.B. Ford. 1983. Systematic aerial surveys of bowhead whales and other marine mammals in the southeastern Beaufort Sea, August-September, 1982. Unpubl. rep. by ESL Environmental Sciences Ltd., prep. for Dome Petroleum Ltd. and Gulf Canada Resources Inc. 70 p.	-	Public
82-0011	-	Field sheets	Public Freshwater Institute Contact: M.C.S. Kingsley
	Kingsley, M.C.S. and N.J. Lunn. 1983. The abundance of seals in the Beaufort Sea, northern Amundsen Gulf and Prince Albert Sound, 1982. Rep. prep. for Dome Petroleum Ltd. and Gulf Canada Resources Inc.	-	Public

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
	Kingsley, M.C.S. 1984. The abundance of ringed seals in the Beaufort Sea and Amundsen Gulf, 1983. Can. Manusc. Rep. Fish. Aquat. Sci. 1778:iv + 8 p.	-	Public
82-0029	-	Field sheets	Public Dome Petroleum Ltd. Contact: J.G. Ward
	Dome Petroleum Ltd. and Canadian Marine Drilling Ltd. 1983. Wildlife observations in the Beaufort Sea, 1982 season. Dome/Canmar Technical Report. 71 p.	-	Public
	Harwood, L.A. and J.K.B. Ford. 1983. Systematic aerial surveys of bowhead whales and other marine mammals in the southeastern Beaufort Sea, August-September, 1982. Unpubl. rep. by ESL Environmental Sciences Ltd., prep. for Dome Petroleum Ltd. and Gulf Canada Resources Inc. 70 p.	-	Public
82-0049	-	Computer printouts	Public Naval Ocean Systems Center Contact: D.K. Ljungblad
	Ljungblad, D.K., S.E. Moore, D.R. Van Schoik, and C.S. Winchell. 1983. Aerial surveys of endangered whales in the Beaufort, eastern Chukchi and northern Bering Seas, 1982. NOSC Tech. Doc. No. 605. 382 p.	-	Public
82-0092	-	Export Tax Forms	Public Government of Northwest Territories Contact: R. Tingling
82-0096	-	Field notes Audio tapes	Not known Dept. of Fisheries and Oceans Contact: H. Cleator

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
	Cleator, H. and T.G. Smith. 1984. Vocal behaviour and distribution of bearded seals, <u>Erignathus barbatus</u> , in Amundsen Gulf and along western Banks Island, Northwest Territories. Prep. for Dome Petroleum Ltd., Gulf Canada Resources Inc., and Polar Continental Shelf Project, Dept. of Energy, Mines and Resources. 50 p.	-	Public
83-0024	-	Not known	Not known LGL Ltd. Contact: J.W. Richardson
83-0026	-	Computer printouts	Not known Cascadia Research Collective Contact: J.C. Cubbage
	Cubbage, J.C., J. Calambokidis, and D.J. Rugh. 1984. Bowhead whale length measured through stereophotogrammetry. Unpubl. rep. by Cascadia Research Collective, for National Marine Mammal Laboratory, National Marine Fisheries Service Contract #83-ABC-00129. 72 p.	-	Public
83-0027	-	Tape transcript.	Public LGL Ltd. Contact: P.L. McLaren
	McLaren, P.L. and R.A. Davis. 1985. Distribution of bowhead whales and other marine mammals in the southeast Beaufort Sea, summer 1983. Environmental Studies Revolving Fund, Rep. No. 001. Ottawa. 62 p.	-	Public
83-0028	-	Computer printouts	Public Naval Ocean Systems Center Contact: D.K. Ljungblad

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
	Ljungblad, D.K., S.E. Moore, and D.R. Van Schoik. 1984. Aerial surveys of endangered whales in the northern Bering, eastern Chuckchi and Alaskan Beaufort seas, 1983: with a five year review, 1979-1983. NOSC Tech. Rep. 955. 119 p.	-	Public
83-0029	-	Field sheets	Public Freshwater Institute Contact: M.C.S. Kingsley
	Kingsley, M.C.S. 1984. The abundance of ringed seals in the Beaufort Sea and Amundsen Gulf, 1983. Can. Manuscr. Rep. Fish. Aquat. Sci. 1778:iv + 8 p.	-	Public
83-0030	-	Field sheets	Public Dome Petroleum Ltd. Contact: J.G. Ward
	Dome Petroleum Ltd. and Canadian Marine Drilling Ltd. 1984. Wildlife observations in the Beaufort Sea, 1983 season. Dome/Canmar Technical Report. 70 p.	-	Public
	McLaren, P.L. and R.A. Davis. 1985. Distribution of bowhead whales and other marine mammals in the southeast Beaufort Sea, summer 1983. Environmental Studies Revolving Funds, Rep. No. 001. Ottawa. 62 p.	-	Public
83-0051	-	Field notes Computer printouts	Not known Naval Ocean Systems Center Contact: D.K. Ljungblad
	Ljungblad, D.K., B. Wursig, R.R. Reeves, J.T. Clarke, and C.R. Greene. 1984. Fall 1983 Beaufort Sea seismic monitoring and bowhead whale behaviour studies. Prep. for Minerals Management Service, Alaska OCS Region, No. 14-12-0001-29064. 77 p.	-	Public

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
84-0014	-	Not known	Not known LGL Ltd. Contact: W.J. Richardson
84-0015	-	Field notes	Public LGL Ltd. Contact: R.A. Davis
84-0016	-	Tape transcript.	Public PN Research Projects Contact: P. Norton
	Norton, P. and L.A. Harwood. 1985. White whale use of the southeastern Beaufort Sea, July-September, 1984. Can. Tech. Rep. Fish. Aquat. Sci. No. 1401. 49 p.	-	Public
84-0017	-	Tape transcript. Satellite Imagery	Public ESL Environmental Sciences Ltd. Contact: L.A. Harwood
	Harwood, L.A. and G.A. Borstad. 1985. Bowhead whale monitoring study in the southeast Beaufort Sea, July-September, 1984. Environmental Studies Revolving Funds Rep. No. 009. Ottawa. 99 p.	-	Public
84-0018	-	Computer printouts	Public Naval Ocean Systems Center Contact: D.K. Ljungblad
	Ljungblad, D.K., S.E. Moore, J.T. Clarke, D.R. Van Schoik, and J.C. Bennett. 1985. Aerial surveys of endangered whales in the northern Bering, eastern Chukchi, and Alaskan Beaufort seas, 1984: with a six year review, 1979-84. NOSC Tech. Doc. No. 1046. 315 p.	-	Public

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
84-0019	-	Field sheets	Public National Marine Mammal Laboratory Contact: D.J. Rugh
84-0020	-	Field sheets	Public Dome Petroleum Ltd. Contact: J.G. Ward
	Dome Petroleum Ltd. and Canadian Marine Drilling Ltd. 1985. Wildlife observations in the Beaufort Sea, 1984 season. Dome/Canmar Technical Report. 70 p.	-	Public
	Harwood, L.A. and G.A. Borstad. 1985. Bowhead whale monitoring study in the southeast Beaufort Sea, July-September, 1984. Environmental Studies Revolving Funds Rep. No. 009. Ottawa. 99 p.	-	Public
84-0021	-	Field sheets	Public Freshwater Institute Contact: M.C.S. Kingsley
85-0002	(Data analysis in progress at time this inventory prepared.)	Field sheets Photographs	Public Freshwater Institute Contact: M.C.S. Kingsley
85-0003	(Report preparation in progress at time this inventory prepared.)	Tape transcript.	Public PN Research Projects Contact: P. Norton
85-0004	(Data analysis in progress at time this inventory prepared.)	Computer printouts Photographs Video tapes	Public Freshwater Institute Contact: J.T. Strong

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
85-0005	(Report preparation in progress at time this inventory prepared.)	Tape transcript.	Public PN Research Projects Contact: P. Norton
85-0006	(Report preparation in progress at time this inventory prepared.)	Field notes Tape transcript. Satellite imagery Computer printouts	Public ESL Environmental Sciences Ltd. Contact: L.A. Harwood, J. McDonald
85-0007	(Data analysis in progress at time this inventory prepared.)	Field notes	Public LGL Ltd. Contact: B. Buchanan
85-0008	(Report preparation in progress at time this inventory prepared.)	Field sheets	Public Dome Petroleum Ltd. Contact: J.G. Ward
85-0009	(Data analysis in progress at time this inventory prepared.)	Field notes	Not known University of Alberta, Canadian Wildlife Service Contact: I. Stirling
85-0010	(Data analysis in progress at time this inventory prepared.)	Field notes	Public LGL Ltd. Contact: R.A. Davis
85-0011	(Data analysis in progress at time this inventory prepared.)	Computer printouts	Public Naval Ocean Systems Center Contact: D.K. Ljungblad

Appendix 1

Further Remarks

Instances where maps could not be prepared and cases where photocopying of reports was not practical or possible are listed in this Appendix. The listing is chronological, and restricted only to those data sets which warranted comment further to those provided in the Data Inventory Tables (Section 8).

- 18²⁶-0001 report not photocopied due to size of document.
- 18⁴⁸-0001 report not photocopied due to size of document.
- 18⁶²-0001 map could not be prepared due to lack of specific information.
- 18⁹⁰-0001 map could not be prepared due to lack of specific information; report not photocopied due to size of document.
- 18⁹³-0002 map could not be prepared due to lack of specific information; report not photocopied due to size of document.
- 18⁹⁴-0001 map could not be prepared due to lack of specific information; report not photocopied due to size of document.
- 18⁹⁴-0002 map could not be prepared due to lack of specific information; report not photocopied due to size of document.
- 18⁹⁷-0001 map could not be prepared due to lack of specific information; report not photocopied due to size of document.
- 00-0001 map could not be prepared due to lack of specific information; report not photocopied due to size of document.
- 03-0002 map could not be prepared due to lack of specific information; report not photocopied due to size of document.
- 08-0003 report not photocopied due to size of document.
- 13-0001 report not photocopied due to size of document.
- 14-0005 map could not be prepared due to lack of specific information.
- 24-0003 map could not be prepared due to lack of specific information.
- 27-0006 map could not be prepared due to lack of specific information.
- 31-0007 map could not be prepared due to lack of specific information.
- 64-0053 report not photocopied due to size of document.

- 67-0007 map could not be prepared due to lack of specific information.
- 69-0017 map could not be prepared due to lack of specific information; seal data not published (no report copied).
- 71-0101 map prepared for at least one of the methods used, but unable to prepare for all methods.
- 71-0106 map prepared for at least one of the methods used, but unable to prepare for all methods.
- 72-0101 map prepared for at least one of the methods used, but unable to prepare for all methods.
- 72-0102 seal data not published (no report copied).
- 72-0107 map prepared for at least one of the methods used, but unable to prepare for all methods.
- 72-0108 map prepared for at least one of the methods used, but unable to prepare for all methods.
- 73-0018 seal data not published (no report copied).
- 73-0025 map prepared for at least one of the methods used, but unable to prepare for all methods.
- 73-0116 seal data not published (no report copied).
- 73-0122 map prepared for at least one of the methods used, but unable to prepare for all methods.
- 74-0053 map prepared for at least one of the methods used, but unable to prepare for all methods.
- 74-0108 seal data not published (no report copied).
- 75-0043 seal data not published (no report copied).
- 75-0047 seal data not published (no report copied).
- 75-0048 seal data not published (no report copied).
- 75-0050 seal data not published (no report copied).
- 75-0071 map prepared for at least one of the methods used, but unable to prepare for all methods.
- 75-0124 seal data not published (no report copied).
- 75-0133 map prepared for at least one of the methods used, but unable to prepare for all methods.

- 76-0029 seal data not published (no report copied).
- 76-0031 seal data not published (no report copied).
- 76-0032 map prepared for at least one of the methods used, but unable to prepare for all methods.
- 76-0104 seal data not published (no report copied).
- 76-0106 map prepared for at least one of the methods used, but unable to prepare for all methods.
- 77-0039 map could not be prepared due to lack of specific information; report not photocopied as data not public at time of writing.
- 77-0070 map prepared for at least one of the methods used, but unable to prepare for all methods.
- 77-0108 seal data not published (no report copied).
- 77-0110 map could not be prepared due to lack of specific information.
- 77-0111 map prepared for at least one of the methods used, but unable to prepare for all methods.
- 78-0027 map prepared for at least one of the methods used, but unable to prepare for all methods.
- 78-0102 seal data not published (no report copied).
- 78-0104 map prepared for at least one of the methods used, but unable to prepare for all methods.
- 78-0105 map could not be prepared due to lack of specific information; report not photocopied as data not public at time of writing.
- 79-0027 seal data not published (no report copied).
- 79-0030 map prepared for at least one of the methods used, but unable to prepare for all methods.
- 79-0031 map prepared for at least one of the methods used, but unable to prepare for all methods.
- 79-0104 seal data not published (no report copied).
- 79-0107 map could not be prepared due to lack of specific information; report not photocopied as data not public at time of writing.
- 80-0019 seal data not published (no report copied).
- 80-0021 seal data not published (no report copied).

- 80-0025 seal data not published (no report copied).
- 80-0029 seal data not published (no report copied).
- 80-0095 seal data not published (no report copied).
- 80-0098 map could not be prepared due to lack of specific information; report not photocopied as data not public at time of writing.
- 81-0025 map prepared for at least one of the methods used, but unable to prepare for all methods.
- 81-0026 seal data not published (no report copied).
- 81-0027 seal data not published (no report copied).
- 81-0097 seal data not published (no report copied).
- 81-0099 map could not be prepared due to lack of specific information; report not photocopied as data not public at time of writing.
- 82-0001 seal data not published (no report copied).
- 82-0008 seal data not published (no report copied).
- 82-0009 seal data not published (no report copied).
- 82-0029 map prepared for at least one of the methods used, but unable to prepare for all methods.
- 82-0092 seal data not published (no report copied).
- 82-0096 map prepared for at least one of the methods used, but unable to prepare for all methods.
- 83-0024 seal data not published (no report copied).
- 83-0030 map prepared for at least one of the methods used, but unable to prepare for all methods.
- 84-0014 map prepared for at least one of the methods used, but unable to prepare for all methods; seal data not published (no report copied).
- 84-0015 seal data not published (no report copied).
- 84-0019 map could not be prepared due to lack of specific information; seal data not published (no report copied).
- 84-0020 map prepared for at least one of the methods used, but unable to prepare for all methods.
- 84-0021 report not photocopied as data not public at time of writing.

- 85-0002 report not photocopied as data not public at time of writing.
- 85-0003 report not photocopied as data not public at time of writing.
- 85-0004 map not prepared because data not published or fully analysed at writing; report not photocopied as data not public at time of writing.
- 85-0005 report not photocopied as data not public at time of writing.
- 85-0006 map not prepared because data not published or fully analysed at writing; report not photocopied as data not public at time of writing.
- 85-0007 map not prepared because data not published or fully analysed at writing; report not photocopied as data not public at time of writing.
- 85-0008 map prepared for at least one of the methods used, but unable to for all methods; report not photocopied as data not public at time of writing.
- 85-0009 map not prepared because data not published or fully analysed at writing; report not photocopied as data not public at time of writing.
- 85-0010 map not prepared because data not published or fully analysed at writing; report not photocopied as data not public at time of writing.
- 85-0011 map not prepared because data not published or fully analysed at writing; report not photocopied as data not public at time of writing.

Appendix 2

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