

Northwest Atlantic



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Provisional Index and List of Titles of Research and

Summary Documents for 1985

by

NAFO Secretariat

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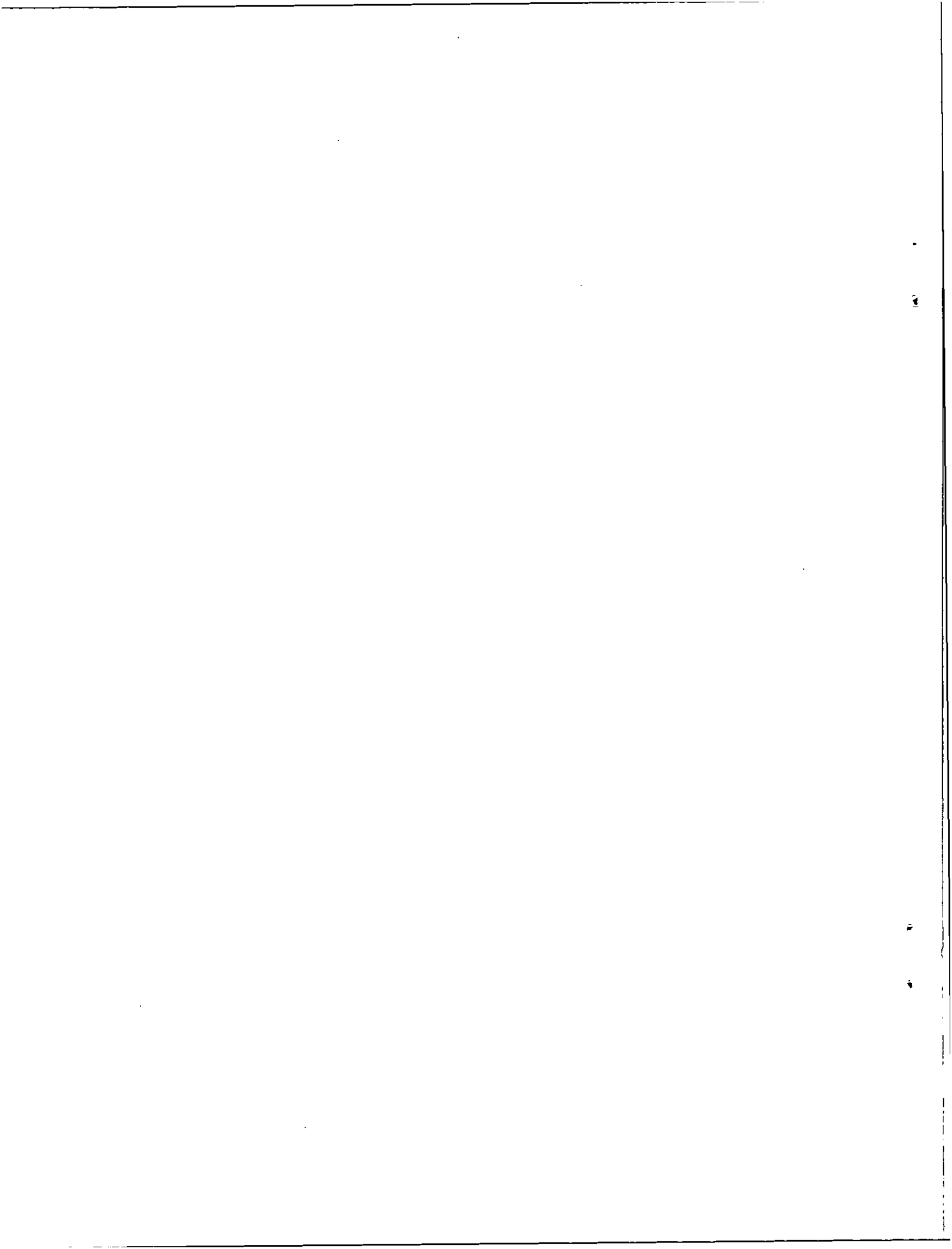
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Introduction

Noting the usefulness of the three volumes containing subject and author indexes and lists of titles of ICNAF meeting documents for 1950-1979, the Scientific Council of NAFO agreed that its research (SCR) and summary (SCS) documents should be indexed on an annual basis and that these provisional indexes be combined for publication at 5-year intervals. The first NAFO issue of Index of Meeting Document for 1979-84 was published in March 1985. The current index relates to all SCR documents (No. 1-114) and SCS documents (No. 1-29) for the calendar year 1985.

Compilation of the subject and author indexes generally followed guidelines that were used in preparing the Index of Meeting Documents for 1979-84. Each of the research and summary documents is identified by its 3-character code (SCR or SCS), followed by the last two digits of the year of issue, an oblique (/), and then the designated document number. This is followed in parentheses by a shortened version of the title or an expression which indicates the object of referenced paper.

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Flatfish (see Flounder, Halibut, Plaice)Flemish Cap (Div. 3M)

- SCR 85/ 28 (status of cod stock in Div. 3M)
  - 45 (ichthyoplankton surveys, 1984)
  - 48 (status of redfish in Div. 3M)
  - 53 (assessment of redfish in Div. 3M)
  - 58 (parasites of American plaice)
  - 59 (hydrographic conditions, 1983-84)
  - 65 (abundance of cod in winter survey)
  - 72 (cod predation on young redfish)
  - 106 (distribution of cod and A. plaice catches)

Florida

- SCR 85/ 99 (estimating biomass of mullet stock)

Flounder, southern (*Paralichthys lethostigma*)

- SCR 85/103 (estuarine trawl survey in N Carolina)

Flounder, winter (*Pseudopleuronectes americanus*)

- SCR 85/ 96 (Canada-USA boundary re marine resources)

Flounder, witch (*Glyptocephalus cynoglossus*)

- SCR 85/ 44 (status of fishery in Div. 3NO)  
 75 (discarding by Nfld trawl fleet in 1983)  
 96 (Canada-USA boundary re marine resources)  
 SCS 85/ 22 (review of stock in Div. 3NO, Jun 1985)

Flounder, yellowtail (*Limanda ferruginea*)

- SCR 85/ 50 (assessment of stock in Div. 3LNO)  
 75 (discarding by Nfld trawl fleet in 1983)  
 81 (estimating abundance from trawl surveys)  
 96 (Canada-USA boundary re marine resources)  
 SCS 85/ 22 (review of stock in Div. 3LNO, Jun 1985)

Food (see Feeding)France

- SCS 85/ 16 (research report for 1984)

Front area (pertains to seal hunting off Labrador and northeastern Newfoundland)

- SCR 85/ 1 (harp seal pup production in 1983)  
 2 (analysis of harp seal tag recoveries)  
 13 (harp seal tag recoveries in Greenland)  
 14 (aerial surveys for hooded seals)

**G**Gadus morhua (see cod, Atlantic)Gammarids (amphipods)

- SCR 85/109 (food of G. halibut in Div. 2J+3K)

General production model (see Production model)Genolinea laticauda (trematode)

- SCR 85/ 58 (parasite of A. plaice in Nfld area)

Georges Bank (Div. 5Z)

- SCR 85/ 19 (warm-core rings off US coast, 1984)  
 20 (continuous plankton records, 1984)  
 22 (variation in shelf-water front, 1984)  
 23 (surface temperatures in SA 4 to 6, 1984)  
 81 (estimating fish abundance from surveys)  
 88 (evaluation of scallop surveys)  
 89 (performance of scallop survey dredges)  
 96 (Canada-USA boundary re marine resources)  
 97 (survey for estimating scallop abundance)

Geostrophic circulation (water)

- SCR 85/ 59 (hydrography of Nfld-Labrador area, 1983-84)  
 114 (re silver hake eggs and larvae in Div. 4VWX)

German Democratic Republic (GDR)

- SCS 85/ 29 (research report for 1984)

Glacier lanternfish (see Lanternfish, glacier)Glyptocephalus cynoglossus (see Flounder, witch)Goosefish (see Angler, American)Grand Bank (Divisions 3LNO)

- SCR 85/ 25 (squid fishery in Nfld area, 1984)  
 28 (status of cod fishery in Div. 3L and 3N)  
 37 (assessment of cod in Div. 2J+3KL)  
 39 (assessment of cod in Div. 3NO)  
 40 (cod movements re 200-mile limit)  
 43 (status of G. halibut in Div. 2+3KL)  
 44 (witch flounder fishery in Div. 3NO)  
 49 (redfish fishery in Div. 3LN)  
 50 (assessment of yellowtail in Div. 3LNO)  
 51 (assessment of A. plaice in Div. 3LNO)  
 52 (capelin survey in Div. 3LNO, 1984)  
 53 (redfish fishery in Div. 3LN)  
 54 (assessment of capelin in Div. 3LNO)  
 55 (capelin acoustic survey in Div. 3LNO)  
 57 (growth of *Benthosema glaciale*)  
 58 (parasitic fauna of A. plaice)  
 59 (hydrographic conditions in SA 2 and 3, 1984)  
 73 (capelin acoustic survey in Div. 3LNO)  
 75 (discarding by Nfld trawl fleet, 1983)  
 105 (capelin biomass from acoustic surveys, 1985)  
 106 (distribution of cod and A. plaice catches)

Gray weakfish (see Weakfish, gray)Greenland (Denmark)

- SCS 85/ 7 (request for scientific advice in 1986)  
 8 (additional request for scientific advice)  
 17 (research report for 1984)

Greenland, East (Northeast Atlantic)

- SCR 85/ 5 (Norwegian trawl survey for shrimp, 1984)  
 7 (Norwegian shrimp fishery, 1984)  
 9 (harp and hooded seal catches, 1939-83)  
 10 (French shrimp fishery, 1984)  
 11 (Icelandic shrimp fishery, 1984)  
 12 (Greenland shrimp fishery, 1984)  
 13 (harp seal tag recoveries, 1981-84)  
 15 (sustainable yield of shrimp stock)  
 98 (trawl surveys for cod, 1980-84)

Greenland, West (Subarea 1)

- SCR 85/ 3 (Greenland shrimp fishery, 1983-84)  
 6 (Norwegian shrimp fishery, 1984)  
 8 (shrimp photo surveys, 1981-84)  
 9 (harp and hooded seal catches, 1939-83)  
 13 (harp seal tag recoveries, 1981-84)  
 17 (cold water off W Greenland)  
 29 (mean temperatures on Fyllas Bank)  
 30 (hydrographic variation off Fyllas Bank)  
 31 (on distribution of Labrador Sea water)  
 46 (status of roundnose grenadier in SA 0+1)  
 61 (record hard winters at W Greenland)  
 62 (prediction of cod year-class sizes)  
 63 (assessment of cod stock in SA 1)

Greenland halibut (see Halibut, Greenland)Grenadier, roundnose (*Coryphaenoides rupestris*)

- SCR 85/ 16 (trends in SA 2 and 3 catches, 1978-83)  
 46 (status of stocks in SA 0+1 and 2+3)  
 111 (measurement of trawl catchability)  
 SCS 85/ 22 (review of stocks in SA 0 to 3, Jun 1985)

Greysole (see Flounder, witch)



Grillotia erinaceus (cestode)

SCR 85/ 58 (parasite of A. plaice in Nfld area)

Groundfish (see common names of species)GrowthSCR 85/ 34 (silver hake maturity and migration in SA 4)  
53 (redfish in Div. 3M and 3LN)  
57 (*Benthoosema glaciale* in Grand Bank area)Gulf of Maine (Div. 5Y)SCR 85/ 20 (continuous plankton records, 1984)  
21 (surface temperature and salinity, 1984)  
23 (surface temperatures in SA 4 to 6, 1984)  
89 (performance of scallop survey dredges)  
96 (Canada-USA boundary re marine resources)  
107 (use of larval data in herring assessments)Gulf of St. Lawrence (Div. 4RST)SCR 85/ 1 (harp seal pup production in 1983)  
2 (analysis of harp seal tag recoveries)  
86 (estimating lobster fishing effort)  
87 (estimating abundance of snow crabs)  
108 (assessing scallops by geostatistical methods)Gulf Stream (Western North Atlantic)SCR 85/ 19 (warm-core rings off US coast, 1984)  
22 (variation in shelf-water front, 1984)  
23 (surface temperatures in SA 4-6, 1984)  
47 (morphology of young shortfin squid)  
69 (shortfin squid survey, winter 1984/85)**H**Haddock (*Melanogrammus aeglefinus*)SCR 85/ 33 (by-catch with silver hake in Div. 4VWX)  
79 (Icelandic groundfish survey, 1985)  
83 (young fish surveys on Scotian Shelf)  
96 (Canada-USA boundary re marine resources)Hake, red (*Urophycis chuss*)

SCR 85/ 96 (Canada-USA boundary re marine resources)

Hake, silver (*Merluccius bilinearis*)SCR 85/ 33 (USSR groundfish data for Div. 4VWX, 1984)  
34 (maturity and migration in Div. 4VWX)  
35 (mortality estimates for Div. 4VWX)  
36 (assessment of stock in Div. 4VWX)  
64 (abundance from surveys on Scotian Shelf)  
66 (ageing studies by Canada and USSR)  
67 (abundance from surveys in Div. 4VWX)  
68 (assessment of stock in Div. 4VWX)  
77 (assessment of stock with variable M)  
78 (early entry to Scotian Shelf fishery)  
83 (young fish surveys on Scotian Shelf)  
96 (Canada-USA boundary re marine resources)  
112 (differential catchability of two fry trawls)  
114 (abundance of eggs and larvae in Div. 4VWX)  
SCS 85/ 22 (review of stock in Div. 4VWX, Jun 1985)Hake, white (*Urophycis tenuis*)SCR 85/ 45 (ichthyoplankton on Flemish Cap, 1984)  
75 (discarding by Nfld trawl fleet, 1983)  
96 (Canada-USA boundary re marine resources)Halibut, Greenland (*Reinhardtius hippoglossoides*)SCR 85/ 4 (by-catch with shrimp in SA 0, 1984)  
6 (by-catch with shrimp in SA 1, 1984)  
7 (by-catch with shrimp off E Greenland)  
16 (by-catch with roundnose grenadier, 1978-83)  
43 (status of stock in Div. 2+3KL)  
75 (discarding by Nfld trawl fleet, 1983)  
109 (study of feeding in Div. 2J and 3K)  
111 (estimation of trawl catchability)  
SCS 85/ 22 (review of stocks in SA 0 to 3, Jun 1985)Halibut, Pacific (*Hippoglossus stenolepis*)

SCR 85/101 (estimating abundance of young from surveys)

Harp seal (see Seal, harp)Herring, Atlantic (*Clupea harengus*)SCR 85/ 83 (young fish surveys on Scotian Shelf)  
96 (Canada-USA boundary re marine resources)  
107 (use of larval data in stock assessments)Hippoglossoides platessoides (see Plaice, American)Hippoglossus stenolepis (see Halibut, Pacific)Homarus americanus (see Lobster, American)Hooded seal (see Seal, hooded)Hydroacoustics (see Acoustics)Hydrography (see also under more specific headings)SCR 85/ 17 (cold water off W Greenland)  
18 (bottom temperatures off US coast, 1984)  
19 (warm-core rings off US coast, 1984)  
21 (surface temperatures off US coast, 1984)  
22 (variation in shelf-water front, 1984)  
23 (surface temperatures in SA 4-6, 1984)  
24 (thermal conditions off New Jersey, 1984)  
29 (mean temperatures on Fyllas Bank)  
30 (hydrographic variation off Fyllas Bank)  
31 (distribution of Labrador Sea water)  
59 (conditions in Nfld-Labrador area, 1984)  
60 (temperature variation on Scotian Shelf)  
61 (record hard winters in Greenland)  
62 (re cod year-class strength in SA 1)  
69 (re young squid distribution, winter 1984/85)  
71 (MEDS environmental report for 1984/85)  
74 (review of environmental conditions, 1984)  
94 (cod re environment in Div. 4VW, 1970-84)  
113 (re 0-group redfish in Irminger Sea)  
114 (re silver hake eggs and larvae in Div. 4VWX)Hyperiid (amphipods)

SCR 85/109 (food of G. halibut in Div. 2J+3K)

Hysterothylacium aduncum (nematode)

SCR 85/ 58 (parasite of A. plaice in Nfld area)

**I**Ice; IcebergsSCR 85/ 61 (record hard winters at W Greenland)  
74 (review of environmental conditions, 1984)

Iceland area (Northeast Atlantic)

SCR 85/79 (Icelandic groundfish survey, 1985)

Ichthyoplankton (fish eggs and larvae)

SCR 85/ 45 (USSR studies on Flemish Cap, 1984)

Illex illecebrosus (see Squid, short-finned)Irminger Sea (North Atlantic)

SCR 85/113 (distribution of 0-group redfish)

**J**Japan

SCS 85/ 13 (research report for 1984)

**L**Labrador area (Subarea 2)

SCR 85/ 16 (roundnose grenadier fishery, 1978-83)  
 31 (distribution of Labrador Sea water)  
 37 (assessment of cod in Div. 2J+3KL)  
 41 (Arctic cod biomass in Div. 2GH)  
 42 (Arctic cod biomass in Div. 2J+3KL)  
 43 (status of G. halibut in SA 2 and 3)  
 46 (status of grenadier in SA 0+1 and 2+3)  
 52 (capelin survey in Div. 2J+3K)  
 54 (assessment of capelin in Div. 2J+3K)  
 58 (parasites of American plaice)  
 59 (hydrographic conditions, 1983-84)  
 95 (cod abundance from surveys in Div. 2J)  
 109 (feeding of G. halibut in Div. 2J+3K)

Lanternfish, glacier (*Benthoosema glaciale*)SCR 85/ 45 (ichthyoplankton on Flemish Cap, 1984)  
57 (length-age composition in Grand Bank area)Lanternfish, spotted (*Myctophum punctatum*)

SCR 85/ 45 (ichthyoplankton on Flemish Cap, 1984)

Larvae

SCR 85/ 45 (ichthyoplankton survey in Div. 3M, 1984)  
 47 (morphological features of shortfin squid)  
 62 (cod year-class strength in SA 1)  
 69 (shortfin squid survey, winter 1984/85)  
 107 (use of survey data for herring assessments)  
 113 (redfish distribution in Irminger Sea)  
 114 (silver hake abundance in Div. 4VWX)

Levithaster gibbosus (trematode)

SCR 85/ 58 (parasite of A. plaice in Nfld area)

Leiostomus xanthurus (see Croaker, spot)Length; Length composition

SCR 85/ 3 (Greenland shrimp catches in SA 1, 1984)  
 4 (Canadian shrimp catches in SA 0, 1984)  
 6 (Norwegian shrimp catches off E Greenland)  
 7 (Norwegian shrimp catches in SA 1, 1984)  
 10 (French shrimp catches off E Greenland)  
 11 (Iceland shrimp catches in Denmark St.)

12 (Greenland shrimp catches off E Greenland)  
 25 (squid catches in Nfld area, 1984)  
 26 (squid catches in Div. 4VWX, 1984)  
 27 (squid catches in SA 4 surveys, 1984)  
 32 (assessment of cod in Div. 3Ps)  
 47 (re weight of larval shortfin squid)  
 49 (redfish catches in Div. 3LN)  
 52 (capelin surveys in Div. 2J+3K and 3LNO)  
 55 (capelin acoustic survey in Div. 3LNO)  
 57 (*Benthoosema glaciale* samples in SA 3)  
 63 (status of cod stock off W Greenland)  
 65 (cod abundance in Div. 3M, 1984-85)  
 73 (capelin catches in Div. 3LNO, 1984)  
 75 (discards by Nfld trawl fleet in 1983)  
 79 (Icelandic groundfish survey, 1985)  
 83 (young fish in Scotian Shelf surveys)  
 88 (evaluation of scallop surveys in Div. 5Ze)  
 97 (survey data for Georges Bank scallops)  
 103 (estuarine fishes in N Carolina)  
 104 (computerized data acquisition equipment)  
 105 (capelin from acoustic survey in Div. 3LNO)  
 112 (young silver hake in two fry trawls)  
 113 (0-group redfish in Irminger Sea)  
 114 (silver hake larvae in Div. 4VWX)

Length-measuring (fish)

SCR 85/104 (portable electronic measuring system)

Limanda ferruginea (see Flounder, yellowtail)Lobster, American (*Homarus americanus*)

SCR 85/ 82 (CPUE indicator for trap fisheries)  
 85 (assessing fishing effort in Nova Scotia)  
 86 (estimating fishing effort by aerial surveys)  
 96 (Canada-USA boundary re marine resources)

Loligo pealei (see Squid, long-finned)Long-finned squid (see Squid, long-finned)Lophius americanus (see Angler, American)Lumpenus maculatus (see Shanny)**M**Mackerel, Atlantic (*Scomber scombrus*)

SCR 85/ 96 (Canada-USA boundary re marine resources)

Macrouridae (see also Grenadier)

SCR 85/109 (food of G. halibut in Div. 2J+3K)

Mallotus villosus (see Capelin)Management

SCR 85/ 96 (Canada-USA boundary re marine resources)  
 SCS 85/ 2 (scientific advice from Jan 1985 meeting)  
 5 (EEC request for advice in 1986)  
 6 (Canadian request for advice in 1986)  
 7 (Greenland request for advice in 1986)  
 8 (further Greenland request for advice)  
 20 (on the formulation of scientific advice)  
 22 (scientific advice from Jun 1985 meeting)  
 27 (scientific advice from Sep 1985 meeting)  
 28 (Fisheries Commission request for advice)

Marine Environmental Data Service (see MEDS)

Mathematical analysis (see also Production model analysis and Sequential population analysis)

- SCR 85/ 81 (estimating abundance from trawl surveys)  
 91 (factor analysis of fisheries data)  
 93 (comparison of survey stratification schemes)  
 97 (survey design for Georges Bank scallops)  
 108 (geostatistical methods re assessments)  
 112 (differential catchability of two fry trawls)

Maturation; Maturity

- SCR 85/ 32 (studies on cod in Div. 3Ps)  
 34 (re migration of silver hake in SA 4)  
 63 (status of cod stock off W Greenland)

MEDS (Marine Environmental Data Service)

- SCR 85/ 71 (environmental report for 1984/85)

Melanogrammus aeglefinus (see Haddock)Merluccius bilinearis (see Hake, silver)Meteorology

- SCR 85/ 61 (record hard winters in W Greenland)  
 74 (review of environmental conditions, 1984)

Methodology

- SCR 85/ 14 (hooded seal aerial surveys, March 1984)  
 79 (Icelandic groundfish survey, 1985)  
 80 (monitoring dolphin abundance from surveys)  
 81 (estimating abundance from trawl surveys)  
 82 (CPUE indicator for crustacean fisheries)  
 83 (young fish surveys on Scotian Shelf)  
 84 (capelin abundance from aerial surveys)  
 85 (lobster fishing effort in Nova Scotia)  
 86 (lobster fishing effort in Gulf of St. Lawrence)  
 87 (estimating abundance of snow crabs)  
 88 (evaluation of scallop surveys)  
 89 (performance of scallop survey dredges)  
 91 (factor analysis re catch data)  
 93 (comparison of stratification schemes)  
 97 (survey design for Georges Bank scallops)  
 99 (re estimating biomass of mullet stock)  
 100 (strategem for handing zero catches)  
 101 (estimating abundance of Pacific halibut)  
 103 (estuarine trawl survey in N Carolina)  
 104 (computerized data acquisition methods)  
 105 (capelin biomass from acoustic surveys)  
 107 (use of larval data in herring assessments)  
 108 (shellfish abundance by geostatistical methods)  
 110 (measuring target strength of fishes)  
 111 (trawl catchability by underwater methods)

Micromesistius poutassou (see Whiting, blue)Micropogonias undulatus (see Croaker, Atlantic)Migration

- SCR 85/ 1 (harp seals from tagging in 1983)  
 13 (harp seal recaptures in Greenland)  
 34 (maturity and migration of silver hake)  
 40 (cod movements re 200-mile limit in SA 3)  
 63 (status of W Greenland cod stock)

Molluscs (general) (see under specific names)Morphology

- SCR 85/ 47 (characteristics of shortfin squid larvae)

Mortality

- SCR 85/ 35 (estimates for silver hake in Div. 4VWX)  
 36 (assessment of silver hake in Div. 4VWX)  
 37 (assessment of cod in Div. 3Ps)  
 38 (assessment of cod in Div. 3NO)  
 50 (assessment of yellowtail in Div. 3LNO)  
 51 (assessment of A. plaice in Div. 3LNO)  
 53 (status of redfish in Div. 3LN and 3M)  
 54 (status of capelin in Div. 2J+3K and 3LNO)  
 61 (record hard winters in Greenland)  
 63 (status of cod stock in SA 1)  
 68 (assessment of silver hake in Div. 4VWX)  
 77 (assessment of silver hake with variable M)

Myctophids (see Lanternfish)Myctophum punctatum (see Lanternfish, spotted)Myxidium sphaericum (protozoan)

- SCR 85/ 58 (parasite of A. plaice in Nfld area)

**N**Natantia (see Shrimps)Nematodes

- SCR 85/ 58 (parasites of A. plaice in Nfld area)

New England area (pertains generally to southern New England; see Georges Bank and Gulf of Maine for other parts of the area)

- SCR 85/ 18 (bottom temperatures off US coast, 1984)  
 19 (warm-core rings off US coast, 1984)  
 20 (continuous plankton records, 1984)  
 21 (surface temperatures off US coast, 1984)  
 22 (variation in shelf-water front off USA, 1984)  
 23 (surface temperatures in SA 4 to 6, 1984)  
 24 (thermal structure off New Jersey, 1984)  
 81 (estimating fish abundance from trawl surveys)  
 82 (CPUE indicator for crustacean fisheries)

Newfoundland area (inshore Subarea 3)

- SCR 85/ 25 (inshore squid fishery in 1984)  
 76 (inshore capelin fishery of Div. 3L, 1984)  
 84 (capelin abundance from aerial surveys)

North Carolina

- SCR 85/103 (resource abundance from trawl surveys)

Northeast Atlantic (see Atlantic Ocean, Northeast)Northeast Nfld Shelf (Div. 3K)

- SCR 85/ 16 (roundnose grenadier fishery, 1978-83)  
 37 (assessment of cod in Div. 2J+3KL)  
 42 (biomass of Arctic cod in Div. 2J+3KL)  
 43 (status of G. halibut in Div. 2+3KL)  
 46 (roundnose grenadier in SA 2+3)  
 52 (surveys for capelin in Div. 2J+3K)  
 54 (assessment of capelin in Div. 2J+3K)  
 58 (parasite of A. plaice in Nfld area)  
 59 (hydrographic conditions in 1983-84)  
 75 (discarding by Nfld trawl fleet, 1983)  
 109 (feeding of G. halibut in Div. 2J+3K)

Northern prawn (see Shrimp, northern)

Northern shrimp (see Shrimp, northern)  
Northwest Atlantic (see Atlantic, Northwest)  
Notolephis rissoi (see Barracudina)  
Nova Scotia area (inshore waters)  
 SCR 85/ 26 (squid fishery in SA 4, 1984)  
     85 (assessing lobster fishing effort)  
     107 (use of larval data for herring assessments)

## O

Oceanography (see under Environment and specific headings such as Hydrography, Temperature, Salinity, etc.)  
Oithona sp. (copepod)  
 SCR 85/114 (food of silver hake larvae in SA 4)  
Ortholinea divergens (protozoan)  
 SCR 85/ 58 (parasite of A. plaice in Nfld area)  
Otoliths  
 SCR 85/ 66 (Canadian and USSR ageing of silver hake)  
Otter trawls (see Trawls)  
Ova; Ovaries (see Eggs)

## P

Pacific halibut (see Halibut, Pacific)  
Pacific Ocean, Northeast  
 SCR 85/ 80 (monitoring abundance of dolphins)  
     101 (survey abundance of young halibut)  
Pagophilus groenlandicus (see Seal, harp)  
Pandalus borealis (see Shrimp, northern)  
Paracalanus sp. (copepod)  
 SCR 85/114 (food of silver hake larvae in SA 4)  
Paralepis rissoi (see Barracudina)  
Paralichthys lethostigma (see Flounder, southern)  
Parasites (general) (see also under more specific headings)  
 SCR 85/ 58 (fauna of A. plaice in Nfld area)  
Penaeus aztecus (see Shrimp, brown)  
Phoca groenlandica (see Seal, harp)  
Photography  
 SCR 85/ 8 (shrimp surveys in SA 1, 1981-84)  
     84 (capelin abundance by aerial surveys)  
     85 (assessing lobster fishing effort)  
     86 (estimating lobster fishing effort)  
     87 (estimating abundance of snow crabs)

99 (use in estimating mullet abundance)  
 111 (estimating trawl catchability)

### Phytoplankton (see also Plankton)

SCR 85/ 20 (continuous plankton records off USA, 1984)  
 56 (organic matter re biological productivity)

### Placopecten magellanicus (see Scallop, sea)

### Plaice, American (*Hippoglossoides platessoides*)

SCR 85/ 45 (ichthyoplankton survey in Div. 3M, 1984)  
 51 (assessment of stock in Div. 3LNO)  
 58 (parasitic fauna in Nfld area)  
 75 (discards by Nfld trawl fleet, 1983)  
 79 (Icelandic groundfish survey, 1985)  
 96 (Canada-USA boundary re marine resources)  
 106 (distribution of cod and A. plaice catches)  
 SCS 85/ 22 (review of stocks in 3M and 3NO, Jun 1985)

### Plankton

SCR 85/ 20 (continuous plankton records off USA, 1984)  
 45 (ichthyoplankton survey in Div. 3M, 1984)  
 56 (organic matter re biological productivity)  
 114 (food of silver hake larvae in Div. 4VWX)

### Pollachius virens (see Pollock)

### Pollock (*Pollachius virens*)

SCR 85/ 33 (by-catch with silver hake in SA 4, 1984)  
 45 (ichthyoplankton on Flemish Cap, 1984)  
 75 (discards by Nfld trawl fleet in 1983)  
 79 (Icelandic groundfish survey, 1985)  
 96 (Canada-USA boundary re marine resources)

### Portugal

SCS 85/ 15 (research report for 1984)

### Predation (see also Feeding)

SCR 85/ 72 (cod predation on redfish in Div. 3M)  
 109 (feeding of G. halibut in Div. 2J+3K)

### Pressure (atmospheric)

SCR 85/ 74 (review of environmental conditions, 1984)

### Primary production (see also Phytoplankton)

SCR 85/ 56 (organic matter re biological productivity)

### Production model analysis

SCR 85/ 15 (yield of shrimp off E Greenland)  
 46 (roundnose grenadier in SA 0 to 3)  
 48 (redfish fishery in Div. 3M)

### Protozoa

SCR 85/ 58 (parasites of A. plaice in Nfld area)

### Pseudocalanus sp. (copepod)

SCR 85/114 (food of silver hake larvae in SA 4)

### Pseudopleuronectes americanus (see Flounder, winter)

### Pseudoterranova decipiens (nematode)

SCR 85/ 58 (parasite of A. plaice in Nfld area)

Publications

- SCS 85/ 22 (report of STACPUB, Jun 1985)  
27 (report of STACPUB, Sep 1985)

**Q**

Queen crab (see Crab, queen)

**R**

Raja sp. (see Skates)

Recaptures (see Tagging)

Recruitment

- SCR 85/ 1 (harp seal pup production in 1983)  
14 (hooded seal aerial surveys, March 1984)  
36 (re assessment of silver hake in Div. 4VWX)  
43 (re yield of G. halibut in SA 2 and 3)  
53 (re yield of redfish in Div. 3LN and 3M)  
62 (prediction of cod year-classes in SA 1)  
63 (re assessment of cod stock in SA 1)  
68 (re status of silver hake in Div. 4VWX)  
83 (young fish surveys on Scotian Shelf)  
101 (survey estimation of young Pacific halibut)

Red hake (see Hake, red)

Redfish beaked (*Sebastes mentella*)

SCR 85/113 (0-group redfish in Irminger Sea)

Redfishes, Atlantic (*Sebastes* sp.)

- SCR 85/ 3 (by-catch in shrimp fishery of SA 1, 1984)  
4 (by-catch in shrimp fishery of SA 0, 1984)  
6 (by-catch in shrimp fishery of SA 1, 1984)  
7 (by-catch with shrimp off E Greenland)  
12 (by-catch with shrimp off E Greenland)  
16 (by-catch in roundnose grenadier fishery)  
33 (by-catch with silver hake in Div. 4VWX)  
45 (larval surveys on Flemish Cap, 1984)  
48 (status of fishery in Div. 3M)  
49 (status of fishery in Div. 3LN)  
53 (status of fisheries in Div. 3LN and 3M)  
72 (food of cod on Flemish Cap)  
75 (discarding by Nfld trawl fleet, 1983)  
79 (Icelandic groundfish survey, 1985)  
96 (Canada-USA boundary re marine resources)  
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