

Northwest Atlantic Fisheries Organization



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(Revised)

Provisional Index and List of Titles of Research and  
Summary Documents for 1987

by  
NAFO Secretariat

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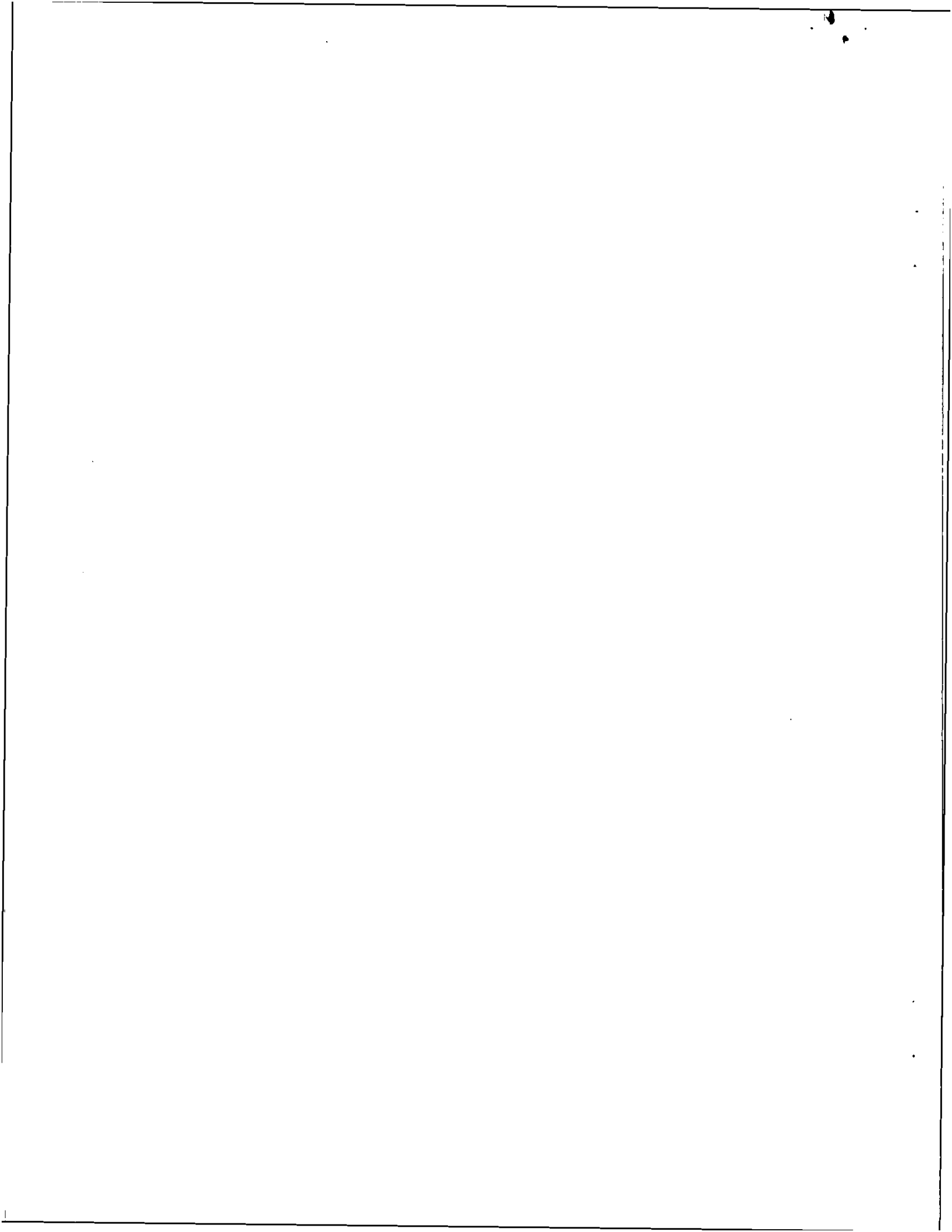
Introduction

The Scientific Council has agreed that 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 Documents for 1979-84 was published in March 1985. The provisional indexes for 1985 and 1986 were issued as NAFO SCS Doc. 86/7 (Serial No. N1118) and NAFO SCS Doc. 87/2 (Serial No. N1282) respectively. The current provisional index relates to all SCR documents (No. 1-98) and SCS documents (No. 1-27) for the calendar year 1987.

Compilation of the 1987 author index generally follows 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 (i.e. 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 the referenced paper.

The 1987 subject index follows the same format as the author index. However, it differs from previous subject indexes in that the text between parentheses is not altered from that used in the author index.

The list of SCR and SCS documents for 1987 in the final section of this document maintains the previous format and is arranged by consecutive document number.



# SUBJECT INDEX

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## A

### Abundance

- SCR 87/18 (USSR capelin acoustic survey in Div. 2J+3KLNO)  
20 (assessment of beaked redfish in Div. 3LMN)  
21 (silver hake and other fish in Div. 4VWX, 1986)  
22 (G. halibut distribution and abundance SA 0+1)  
30 (inshore distribution of W Greenland cod)  
32 (inshore distribution of W Greenland young cod)  
35 (young G. halibut distribution; W Greenland)  
38 (distribution and abundance of redfish in SA 0+1)  
44 (assessment of yellowtail in Div. 3LNO)  
49 (capelin school area by aerial survey Div. 3L)  
53 (assessment of cod in Div. 30)  
55 (status of SA 1 cod stock and fishery)  
61 (Atlantic and spotted wolffish, W Greenland)  
79 (G. halibut, E Bering/Aleutian Is.; review)  
85 (deepwater resources of NE Atlantic)  
86 (distribution of G. halibut off NE Canada)  
87 (grenadier distribution in Icelandic waters)

### Acoustics

- SCR 87/18 (USSR capelin acoustic survey in Div. 2J+3KLNO)  
60 (year-class strengths of capelin in Div. 3L)  
69 (capelin biomass by acoustics in Div. 3LNO)

### Age; composition

- SCR 87/ 1 (shrimp research and fishery in Div. 0A, 1986)  
11 (fishery ecology of silver hake in Div. 4VWX)  
21 (silver hake and other fish in Div. 4VWX, 1986)  
24 (status of witch flounder stock in Div. 3NO)  
31 (larval drift re W Greenland cod recruitment)  
32 (inshore distribution of W Greenland young cod)  
36 (otolith and vertebrae ageing of A. wolffish)  
40 (assessment of A. plaice in Div. 3LNO)  
42 (assessment of silver hake stock in Div. 4VWX)  
44 (assessment of yellowtail in Div. 3LNO)  
45 (G. halibut resource in SA 2 and Div. 3KL)  
48 (diel catches of yellowtail in Div. 3LNO)  
50 (1986 inshore capelin fishery in Div. 3L)  
51 (silver hake catch-at-age estimate differences)  
52 (Canada-USSR silver hake otolith exchange)  
53 (assessment of cod in Div. 30)  
55 (status of SA 1 cod stock and fishery)  
56 (silver hake population size in Div. 4VWX, 1986)  
57 (redfish fishery off W Greenland, 1977-86)  
59 (redfish in shrimp surveys in Div. 1AB, 1976-86)  
60 (year-class strengths of capelin in Div. 3L)  
69 (capelin biomass by acoustics in Div. 3LNO)  
70 (revised cod data and assessment, W Greenland)  
75 (G. halibut stock off Canada and W Greenland)  
78 (biology of grenadier in mid-Atlantic ridge)  
79 (G. halibut, E Bering/Aleutian Is.; review)  
81 (biology, fishery of G. halibut, W Greenland)  
83 (recruitment of G. halibut in Svalbard area)  
84 (spawning of A. halibut off Faroe Islands)  
86 (distribution of G. halibut off NE Canada)  
89 (G. halibut growth in NE Atlantic)  
92 (population structure of N Atlantic grenadier)

### Age; ageing

- SCR 87/36 (otolith and vertebrae ageing of A. wolffish)  
40 (assessment of A. plaice in Div. 3LNO)  
42 (assessment of silver hake stock in Div. 4VWX)  
52 (Canada-USSR silver hake otolith exchange)

### American plaice (see Plaice, American)

### Anarhichas sp. (see Wolffish)

### Area-density (also see assessment and biomass)

- SCR 87/49 (capelin school area by aerial survey Div. 3L)

### Assessment (population)

- SCR 87/18 (USSR capelin acoustic survey in Div. 2J+3KLNO)  
20 (assessment of beaked redfish in Div. 3LMN)  
22 (G. halibut distribution and abundance SA 0+1)  
23 (new stratification scheme for Div. 2G+2H)  
30 (inshore distribution of W Greenland cod)  
37 (status of redfish in Div. 3M)  
40 (assessment of A. plaice in Div. 3LNO)  
42 (assessment of silver hake stock in Div. 4VWX)  
44 (assessment of yellowtail in Div. 3LNO)  
53 (assessment of cod in Div. 30)  
56 (silver hake population size in Div. 4VWX, 1986)  
74 (G. halibut review; E Norway and Barents Sea)

### Atlantic cod (see Cod, Atlantic)

### Atlantic Ocean, North (general)

- SCR 87/ 1 (shrimp research and fishery in Div. 0A, 1986)  
41 (vertical zones of deepwater fish parasites)  
76 (G. halibut distribution, E Canada/W Greenland)  
77 (temperature on Canada-W Greenland halibut stock)  
78 (biology of grenadier in mid-Atlantic ridge)  
82 (A. halibut taggings off Canada and Greenland)  
90 (local groups of G. halibut in N Atlantic)  
92 (population structure of N Atlantic grenadier)  
93 (G. halibut and grenadier distribution, 1968-86)  
94 (roughhead and roundnose grenadier distribution)  
96 (grenadier and halibut management in 200 miles)

### Atlantic Ocean, Northeast (also see under names of specific areas)

- SCR 87/74 (G. halibut review; E Norway and Barents Sea)  
85 (deepwater resources of NE Atlantic)  
89 (G. halibut growth in NE Atlantic)  
SCS 87/20 (provisional nominal catches for 1986)

### Atlantic Ocean, Northwest (also see under names of specific areas)

- SCR 87/13 (haddock spawning area closures, 1970-1987)  
15 (windfield variations in NW Atlantic, 1946-86)  
17 (variation in shelf water front off USA, 1986)  
62 (overview of environmental conditions, 1986)  
63 (MEDS environmental report for 1986/87)  
65 (temperature and salinity anomalies, 1986)  
72 (shelf edge oceanographic processes)  
76 (G. halibut distribution, E Canada/W Greenland)  
77 (temperature on Canada-W Greenland halibut stock)  
78 (biology of grenadier in mid-Atlantic ridge)  
80 (Arctic outflow and NW Atlantic oceanography)  
82 (A. halibut taggings off Canada and Greenland)  
86 (distribution of G. halibut off NE Canada)  
88 (common grenadier studies, NW Atlantic, 1969-83)  
92 (population structure of N Atlantic grenadier)  
93 (G. halibut and grenadier distribution, 1968-86)  
94 (roughhead and roundnose grenadier distribution)  
96 (grenadier and halibut management in 200 miles)  
SCS 87/ 8 (tagging activities reported for 1986)

### Atlantic redfish (see Redfish, Atlantic)

### Atlantic wolffish (see Wolffish, Atlantic)

### Atmosphere

- SCR 87/15 (windfield variations in NW Atlantic, 1946-85)  
29 (heat transport in W Greenland waters)  
62 (overview of environmental conditions, 1986)

**B**Baffin Island (Subarea 0)

- SCR 87/ 1 (shrimp research and fishery in Div. 0A, 1986)  
 10 (mortality of G. halibut in SA 0+2, Div. 3KL)  
 22 (G. halibut distribution and abundance SA 0+1)  
 25 (new stratification scheme for areas in SA 0+1)  
 38 (distribution and abundance of redfish in SA 0+1)  
 39 (status of roundnose grenadier in SA 0 to 3)  
 75 (G. halibut stock off Canada and W Greenland)  
 76 (G. halibut distribution, E Canada/W Greenland)  
 77 (temperature on Canada-W Greenland halibut stock)  
 82 (A. halibut taggings off Canada and Greenland)  
 86 (distribution of G. halibut off NE Canada)  
 93 (G. halibut and grenadier distribution, 1968-86)

Barents Sea (see Atlantic, Northeast)Beaked redfish (see Redfish, beaked)Biochemical analysis

- SCR 87/76 (G. halibut distribution, E Canada/W Greenland)  
 90 (local groups of G. halibut in N Atlantic)

Biological surveys (see Surveys, biological)Biomass (also see Abundance)

- SCR 87/ 2 (shrimp survey off E Greenland, 1986)  
 5 (photography method of estimating shrimp biomass)  
 18 (USSR capelin acoustic survey in Div. 2J+3KLNO)  
 20 (assessment of beaked redfish in Div. 3LMN)  
 22 (G. halibut distribution and abundance SA 0+1)  
 23 (new stratification scheme for Div. 2G+2H)  
 37 (status of redfish in Div. 3M)  
 44 (assessment of yellowtail in Div. 3LNO)  
 47 (A. plaice resource in SA 2 and Div. 3KL)  
 53 (assessment of cod in Div. 30)  
 54 (cod biomass in Div. 2J+3KL beyond 200 miles)  
 56 (silver hake population size in Div. 4VWX, 1986)  
 61 (Atlantic and spotted wolffish, W Greenland)  
 69 (capelin biomass by acoustics in Div. 3LNO)

By-catch

- SCR 87/ 1 (shrimp research and fishery in Div. 0A, 1986)  
 7 (trial shrimp fishery off W Greenland)  
 8 (shrimp fishery in SA 1 in 1985 and 1986)  
 9 (shrimp fishery in Denmark Strait in 1985, 1986)  
 21 (silver hake and other fish in Div. 4VWX, 1986)  
 50 (1986 inshore capelin fishery in Div. 3L)  
 59 (redfish in shrimp surveys in Div. 1AB, 1976-86)  
 83 (recruitment of G. halibut in Svalbard area)

**C**CAFSAC

- SCR 87/67 (marine environment and ecosystems - CAFSAC)

Canada

- SCR 87/51 (silver hake catch-at-age estimate differences)  
 52 (Canada-USSR silver hake otolith exchange)  
 66 (temperature and salinity off Newfoundland)  
 67 (marine environment and ecosystems - CAFSAC)  
 68 (oceanography off Labrador and NE Newfoundland)  
 98 (diurnal migration and feeding, 0-group S. hake)  
 SCS 87/ 4 (Canadian request for advice for 1988)  
 9 (Canadian research report, 1986)

Capelin (*Mallotus villosus*)

- SCR 87/18 (USSR capelin acoustic survey in Div. 2J+3KLNO)  
 49 (capelin school area by aerial survey Div. 3L)  
 50 (1986 inshore capelin fishery in Div. 3L)  
 60 (year-class strengths of capelin in Div. 3L)  
 69 (capelin biomass by acoustics in Div. 3LNO)

Catch; Catch/effort

- SCR 87/ 1 (shrimp research and fishery in Div. 0A, 1986)  
 3 (Norwegian shrimp fishery off E Greenland, 1986)  
 4 (Iceland shrimp fishery in Denmark Strait, 1986)  
 5 (photography method of estimating shrimp biomass)  
 8 (shrimp fishery in SA 1 in 1985 and 1986)  
 9 (shrimp fishery in Denmark Strait in 1985, 1986)  
 11 (fishery ecology of silver hake in Div. 4VWX)  
 21 (silver hake and other fish in Div. 4VWX, 1986)  
 24 (status of witch flounder stock in Div. 3NO)  
 28 (effects of gillnet selection on young cod)  
 30 (inshore distribution of W Greenland cod)  
 32 (inshore distribution of W Greenland young cod)  
 33 (catch and size of G. halibut, W Greenland)  
 35 (young G. halibut distribution, W Greenland)  
 37 (status of redfish in Div. 3M)  
 39 (status of roundnose grenadier in SA 0 to 3)  
 40 (assessment of A. plaice in Div. 3LNO)  
 42 (assessment of silver hake stock in Div. 4VWX)  
 43 (groundfish in research surveys - S Grand Bank)  
 44 (assessment of yellowtail in Div. 3LNO)  
 45 (G. halibut resource in SA 2 and Div. 3KL)  
 47 (A. plaice resource in SA 2 and Div. 3KL)  
 48 (diel catches of yellowtail in Div. 3LNO)  
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 51 (silver hake catch-at-age estimate differences)  
 53 (assessment of cod in Div. 30)  
 55 (status of SA 1 cod stock and fishery)  
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 70 (revised cod data and assessment, W Greenland)  
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 77 (temperature on Canada-W Greenland halibut stock)  
 79 (G. halibut, E. Bering/Aleutian Is.; review)  
 81 (biology, fishery of G. halibut, W Greenland)  
 83 (recruitment of G. halibut in Svalbard area)  
 88 (common grenadier studies, NW Atlantic, 1969-83)  
 94 (roughhead and roundnose grenadier distribution)  
 95 (Gulf of St. Lawrence G. halibut biology)

Cod, Atlantic (*Gadus morhua*)

- SCR 87/19 (ichthyoplankton survey on Flemish Cap, 1986)  
 28 (effects of gillnet selection on young cod)  
 30 (inshore distribution of W Greenland cod)  
 31 (larval drift re W Greenland cod recruitment)  
 32 (inshore distribution of W Greenland young cod)  
 53 (assessment of cod in Div. 30)  
 54 (cod biomass in Div. 2J+3KL beyond 200 miles)  
 55 (status of SA 1 cod stock and fishery)  
 70 (revised cod data and assessment, W Greenland)  
 71 (factor for cod split vs salted bulk)  
 83 (recruitment of G. halibut in Svalbard area)  
 97 (yield-per-recruit for cod in Div. 3NO)  
 SCS 87/24 (Div. 3NO cod yield-per-recruit analysis for FC)

Cohort analysis (see Sequential population analysis)

Commercial fisheries

- SCR 87/ 1 (shrimp research and fishery in Div. OA, 1986)  
 3 (Norwegian shrimp fishery off E Greenland, 1986)  
 4 (Iceland shrimp fishery in Denmark Strait, 1986)  
 5 (photography method of estimating shrimp biomass)  
 7 (trial shrimp fishery off W Greenland)  
 8 (shrimp fishery in SA 1 in 1985 and 1986)  
 9 (shrimp fishery in Denmark Strait in 1985, 1986)  
 11 (fishery ecology of silver hake in Div. 4VWX)  
 24 (status of witch flounder stock in Div. 3NO)  
 33 (catch and size of G. halibut, W Greenland)  
 39 (status of roundnose grenadier in SA 0 to 3)  
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 50 (1986 inshore capelin fishery in Div. 3L)  
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 53 (assessment of cod in Div. 3O)  
 55 (status of SA 1 cod stock and fishery)  
 58 (status of redfish in Div. 3LN)  
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 70 (revised cod data and assessment, W Greenland)  
 74 (G. halibut review, E Norway and Barents Sea)  
 79 (G. halibut, E Bering/Aleutian Is.; review)  
 81 (biology, fishery of G. halibut, W Greenland)  
 83 (recruitment of G. halibut in Svalbard area)  
 95 (Gulf of St. Lawrence G. halibut biology)

Conversion factors

- SCR 87/71 (factor for cod split vs salted bulk)  
 91 (ante-anal/total length conversion for grenadier)

Coordinating Working Party on Statistics (CWP)

- SCS 87/ 6 (NAFO report to CWP)  
 10 (report of 13th session of CWP, Feb. 1987)

Currents (water circulation)

- SCR 87/ 6 (water masses and ice in Denmark Strait)  
 27 (warming off W Greenland continues)  
 63 (MEDS environmental report for 1986/87)  
 72 (shelf edge oceanographic processes)  
 73 (near bottom temperatures over Labrador Shelf)  
 80 (Arctic outflow and NW Atlantic oceanography)  
 81 (biology, fishery of G. halibut, W Greenland)

**D**Davis Strait (see Baffin Island and Greenland, West)Denmark (Greenland)

- SCS 87/ 5 (Denmark (Greenland) request for advice for 1988)  
 14 (Denmark (Greenland) research report for 1986)  
 25 (proposal for change of Rules of Procedure)

Denmark Strait (see Greenland, East)Discards

- SCR 87/59 (redfish in shrimp surveys in Div. 1AB, 1976-86)

Distribution (also see Abundance)

- SCR 87/ 7 (trial shrimp fishery off W Greenland)  
 8 (shrimp fishery in SA 1 in 1985 and 1986)  
 21 (silver hake and other fish in Div. 4VWX, 1986)  
 22 (G. halibut distribution and abundance SA 0+1)  
 25 (new stratification scheme for areas in SA 0+1)  
 30 (inshore distribution of W Greenland cod)  
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 35 (young G. halibut distribution; W Greenland)  
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 41 (vertical zones of deepwater fish parasites)  
 46 (movement of yellowtail in Div. 3LNO)  
 47 (A. plaice resource in SA 2 and Div. 3KL)  
 55 (status of SA 1 cod stock and fishery)  
 61 (Atlantic and spotted wolffish, W Greenland)  
 74 (G. halibut review; E Norway and Barents Sea)  
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 77 (temperature on Canada-W Greenland halibut stock)  
 79 (G. halibut, E Bering/Aleutian Is.; review)  
 85 (deepwater resources of NE Atlantic)  
 86 (distribution of G. halibut off NE Canada)  
 87 (grenadier distribution in Icelandic waters)  
 88 (common grenadier studies, NW Atlantic, 1969-83)  
 93 (G. halibut and grenadier distribution, 1968-86)  
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Diurnal patterns

- SCR 87/48 (diel catches of yellowtail in Div. 3LNO)  
 98 (diurnal migration and feeding, 0-group S. hake)

**E**East Greenland (see Greenland, East)Ecology (also see Environment)

- SCR 87/11 (fishery ecology of silver hake in Div. 4VWX)  
 12 (understanding marine fish communities)  
 67 (marine environment and ecosystems - CAFSAC)

Eddies

- SCR 87/14 (warm-core Gulf Stream rings off USA, 1986)  
 62 (overview of environmental conditions, 1986)  
 63 (MEDS environmental report for 1986/87)  
 65 (temperature and salinity anomalies, 1986)  
 72 (shelf edge oceanographic processes)

Eggs

- SCR 87/19 (ichthyoplankton survey on Flemish Cap, 1986)  
 84 (spawning of A. halibut off Faroe Islands)

Environment (also see under specific subject headings)

- SCR 87/ 6 (water masses and ice in Denmark Strait, 1986)  
 62 (overview of environmental conditions, 1986)  
 63 (MEDS environmental report for 1986/87)  
 67 (marine environment and ecosystems - CAFSAC)

**F**Feeding; Food

- SCR 87/79 (G. halibut, E Bering/Aleutian Is.; review)  
 87 (grenadier distribution in Icelandic waters)  
 88 (common grenadier studies, NW Atlantic, 1969-83)  
 95 (Gulf of St. Lawrence G. halibut biology)  
 98 (diurnal migration and feeding, 0-group S. hake)

Fisheries Commission

- SCS 87/24 (Div. 3NO cod yield-per-recruit analysis for FC)  
 26 (escapement/selectivity re gear devices for FC)

Fishing Effort

- SCR 87/ 1 (shrimp research and fishery in Div. 0A, 1986)  
 3 (Norwegian shrimp fishery off E Greenland, 1986)  
 4 (Iceland shrimp fishery in Denmark Strait, 1986)  
 5 (photography method of estimating shrimp biomass)  
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 74 (G. halibut review; E Norway and Barents Sea)  
 93 (G. halibut and grenadier distribution, 1968-86)

Fishing gear

- SCR 87/13 (haddock spawning area closures, 1970-1987)  
 28 (effects of gillnet selection on young cod)  
 30 (inshore distribution of W Greenland cod)  
 31 (larval drift re W Greenland cod recruitment)  
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 70 (revised cod data and assessment, W Greenland)  
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 85 (deepwater resources off NE Atlantic)  
 93 (G. halibut and grenadier distribution, 1968-86)  
 95 (Gulf of St. Lawrence G. halibut biology)  
 SCS 87/26 (escapement/selectivity re gear device for FC)

Flatfish (see under specific names)Flemish Cap (Div. 3M; also see Grand Bank)

- SCR 87/19 (ichthyoplankton survey on Flemish Cap, 1986)  
 20 (assessment of beaked redfish in Div. 3LMN)  
 37 (status of redfish in Div. 3M)  
 39 (status of roundnose grenadier in SA 0 to 3)

Flounder, witch (*Glyptocephalus cynoglossus*)

- SCR 87/24 (status of witch flounder stock in Div. 3NO)

Flounder, yellowtail (*Limanda ferruginea*)

- SCR 87/44 (assessment of yellowtail in Div. 3LNO)  
 46 (movement of yellowtail in Div. 3LNO)  
 48 (diel catches of yellowtail in Div. 3LNO)

Food (see Feeding)**G**Gadidae (see specific names)Gadus morhua (see Cod, Atlantic)Genetics

- SCR 87/90 (local groups of G. halibut in N Atlantic)

Georges Bank (see New England area)German Democratic Republic

- SCS 87/23 (GDR research report for 1986)

Glyptocephalus cynoglossus (see Flounder, witch)Grand Bank (Div. 3LNO including inshore)

- SCR 87/10 (mortality of G. halibut in SA 0+2, Div. 3KL)  
 18 (USSR capelin acoustic survey in Div. 2J+3KLNO)  
 20 (assessment of beaked redfish in Div. 3LMN)  
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 66 (temperature and salinity off Newfoundland)  
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 69 (capelin biomass by acoustics in Div. 3LNO)  
 86 (distribution of G. halibut off NE Canada)  
 97 (yield-per-recruit for cod in Div. 3NO)  
 SCS 87/24 (Div. 3NO cod yield-per-recruit analysis for FC)

Greenland, Denmark

- SCS 87/ 5 (Denmark (Greenland) request for advice for 1988)  
 14 (Denmark (Greenland) research report for 1986)  
 25 (proposal for change of Rules of Procedure)

Greenland, East (also see Atlantic, Northeast)

- SCR 87/ 2 (shrimp survey off E Greenland, 1986)  
 3 (Norwegian shrimp fishery off E Greenland, 1986)  
 4 (Iceland shrimp fishery in Denmark Strait, 1986)  
 6 (water masses and ice in Denmark Strait)  
 9 (shrimp fishery in Denmark Strait in 1985, 1986)  
 10 (mortality of G. halibut in SA 0+2, Div. 3KL)  
 55 (status of SA 1 cod stock and fishery)  
 74 (G. halibut review; E Norway and Barents Sea)  
 79 (G. halibut, E Bering/Aleutian Is.; review)  
 82 (A. halibut taggings off Canada and Greenland)

Greenland, West (Subarea 1)

- SCR 87/ 5 (photography method of estimating shrimp biomass)  
 7 (trial shrimp fishery off W Greenland)  
 8 (shrimp fishery in SA 1 in 1985 and 1986)  
 10 (mortality of G. halibut in SA 0+2, Div. 3KL)  
 22 (G. halibut distribution and abundance SA 0+1)  
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 28 (effects of gillnet selection on young cod)  
 29 (heat transport in W Greenland waters)  
 30 (inshore distribution of W Greenland cod)  
 31 (larval drift re W Greenland cod recruitment)  
 32 (inshore distribution of W Greenland young cod)  
 33 (catch and size of G. halibut, W Greenland)  
 34 (tagging results of G. halibut, W Greenland)  
 35 (young G. halibut distribution, W Greenland)  
 36 (otolith and vertebrae ageing of A. wolffish)  
 38 (distribution and abundance of redfish in SA 0+1)  
 39 (status of roundnose grenadier in SA 0 to 3)  
 55 (status of SA 1 cod stock and fishery)  
 57 (redfish fishery off W Greenland, 1977-86)  
 59 (redfish in shrimp surveys in Div. 1AB, 1976-86)  
 61 (Atlantic and spotted wolffish, W Greenland)  
 70 (revised cod data and assessment, W Greenland)  
 75 (G. halibut stock off Canada and W Greenland)  
 76 (G. halibut distribution, E Canada/W Greenland)  
 77 (temperature on Canada-W Greenland halibut stock)  
 81 (biology, fishery of G. halibut, W Greenland)  
 82 (A. halibut taggings off Canada and Greenland)  
 86 (distribution of G. halibut off NE Canada)

Greenland halibut (see Halibut, Greenland)

Grenadier, roundnose (*Coryphaenoides rupestris*)

- SCR 87/25 (new stratification scheme for areas in SA 0+1)  
 39 (status of roundnose grenadier in SA 0 to 3)  
 78 (biology of grenadier in mid-Atlantic ridge)  
 85 (deepwater resources of NE Atlantic)  
 87 (grenadier distribution in Icelandic waters)  
 88 (common grenadier studies, NW Atlantic, 1969-83)  
 91 (ante-anal/total length conversion for grenadier)  
 92 (population structure of N Atlantic grenadier)  
 93 (G. halibut and grenadier distribution, 1968-86)  
 94 (roughhead and roundnose grenadier distribution)  
 96 (grenadier and halibut management in 200 miles)

Grenadier, roughhead (*Macrourus berglax*)

- SCR 87/85 (deepwater resources of NE Atlantic)  
 87 (grenadier distribution in Icelandic waters)  
 88 (common grenadier studies, NW Atlantic, 1969-83)  
 94 (roughhead and roundnose grenadier distribution)  
 96 (grenadier and halibut management in 200 miles)

Growth

- SCR 87/36 (otolith and vertebrae ageing of A. wolffish)  
 75 (G. halibut stock off Canada and W Greenland)  
 78 (biology of grenadier in mid-Atlantic ridge)  
 89 (G. halibut growth in NE Atlantic)

Gulf of St. Lawrence

- SCR 87/11 (fishery ecology of silver hake in Div. 4VWX)  
 95 (Gulf of St. Lawrence G. halibut biology)

Gulf Stream (see hydrography and oceanography)

**H**Haddock (*Melanogrammus aeglefinus*)

- SCR 87/13 (haddock spawning area closures, 1970-1987)  
 31 (larval drift re W Greenland cod recruitment)

Hake, silver (*Merluccius bilinearis*)

- SCR 87/11 (fishery ecology of silver hake in Div. 4VWX)  
 21 (silver hake and other fish in Div. 4VWX, 1986)  
 42 (assessment of silver hake stock in Div. 4VWX)  
 51 (silver hake catch-at-age estimate differences)  
 52 (Canada-USSR silver hake otolith exchange)  
 56 (silver hake population size in Div. 4VWX, 1986)  
 98 (diurnal migration and feeding, 0-group S. hake)

Halibut, Atlantic (*Hippoglossus hippoglossus*)

- SCR 87/82 (A. halibut taggings off Canada and Greenland)  
 84 (spawning of A. halibut off Faroe Islands)  
 85 (deepwater resources of NE Atlantic)  
 96 (grenadier and halibut management in 200 miles)

Halibut, Greenland (*Reinhardtius hippoglossoides*)

- SCR 87/10 (mortality of G. halibut in SA 0+2, Div. 3KL)  
 22 (G. halibut distribution and abundance SA 0+1)  
 25 (new stratification scheme for areas in SA 0+1)  
 33 (catch and size of G. halibut, W Greenland)  
 34 (tagging results of G. halibut, W Greenland)  
 35 (young G. halibut distribution, W Greenland)  
 45 (G. halibut resource in SA 2 and Div. 3KL)  
 74 (G. halibut review; E Norway and Barents Sea)  
 75 (G. halibut stock off Canada and W Greenland)  
 76 (G. halibut distribution, E Canada/W Greenland)  
 77 (temperature on Canada-W Greenland halibut stock)  
 79 (G. halibut, E Bering/Aleutian Is.; review)  
 81 (biology, fishery of G. halibut, W Greenland)  
 83 (recruitment of G. halibut in Svalbard area)  
 85 (deepwater resources of NE Atlantic)  
 86 (distribution of G. halibut off NE Canada)  
 89 (G. halibut growth in NE Atlantic)  
 90 (local groups of G. halibut in N Atlantic)  
 93 (G. halibut and grenadier distribution, 1968-86)  
 95 (Gulf of St. Lawrence G. halibut biology)  
 96 (grenadier and halibut management in 200 miles)

Hydrography (also see specific subjects)

- SCR 87/ 6 (water masses and ice in Denmark Strait)  
 14 (warm-core Gulf Stream rings off USA, 1986)  
 16 (water thermal structure SE of Sandy Hook, 1986)  
 17 (variation in shelf water front off USA, 1986)  
 26 (water temperature variations Div. 3Ps, 1978-87)  
 27 (warming off W Greenland continues)  
 29 (heat transport in W Greenland waters)  
 64 (aircraft bathythermograph data along 47N)  
 65 (temperature and salinity anomalies, 1986)  
 66 (temperature and salinity off Newfoundland)  
 67 (marine environment and ecosystems - CAFSAC)  
 68 (oceanography off Labrador and NE Newfoundland)  
 72 (shelf edge oceanographic processes)  
 73 (near bottom temperatures over Labrador Shelf)  
 80 (Arctic outflow and NW Atlantic oceanography)  
 84 (spawning of A. halibut off Faroe Islands)  
 85 (deepwater resources off NE Atlantic)  
 86 (distribution of G. halibut off NE Canada)  
 93 (G. halibut and grenadier distribution, 1968-86)

## I

### Ice

- SCR 87/ 6 (water masses and ice in Denmark Strait)  
 62 (overview of environmental conditions, 1986)  
 63 (MEDS environmental report for 1986/87)  
 65 (temperature and salinity anomalies, 1986)  
 80 (Arctic outflow and NW Atlantic oceanography)  
 93 (G. halibut and grenadier distribution, 1968-86)

### Iceland area (Atlantic, Northeast; also see Greenland, East)

- SCR 87/ 4 (Iceland shrimp fishery in Denmark Strait, 1986)  
 6 (water masses and ice in Denmark Strait)  
 31 (larval drift re W Greenland cod recruitment)  
 55 (status of SA 1 cod stock and fishery)  
 84 (spawning of A. halibut off Faroe Islands)  
 87 (grenadier distribution in Icelandic waters)  
 89 (G. halibut growth in NE Atlantic)

### Ichthyoplankton

- SCR 87/19 (ichthyoplankton survey on Flemish Cap, 1986)  
 31 (larval drift re W Greenland cod recruitment)  
 35 (young G. halibut distribution, W Greenland)  
 92 (population structure of N Atlantic grenadier)

### Inshore (see respective areas)

## J

### Japan

- SCR 87/79 (G. halibut, E Bering/Aleutian Is.; review)  
 SCS 87/17 (Japanese research report for 1986)

## L

### Labrador area (Subarea 2)

- SCR 87/10 (mortality of G. halibut in SA 0+2, Div. 3KL)  
 18 (USSR capelin acoustic survey in Div. 2J+3KLN0)  
 23 (new stratification scheme for Div. 2G+2H)  
 39 (status of roundnose grenadier in SA 0 to 3)  
 45 (G. halibut resource in SA 2 and Div. 3KL)  
 47 (A. plaice resource in SA 2 and Div. 3KL)  
 54 (cod biomass in Div. 2J+3KL beyond 200 miles)  
 68 (oceanography off Labrador and NE Newfoundland)  
 73 (near bottom temperatures over Labrador Shelf)

### Larvae

- SCR 87/19 (ichthyoplankton survey on Flemish Cap, 1986)  
 31 (larval drift re W Greenland cod recruitment)  
 35 (young G. halibut distribution, W Greenland)  
 74 (G. halibut review; E Norway and Barents Sea)  
 81 (biology, fishery of G. halibut, W Greenland)

### Length (frequencies, etc.)

- SCR 87/ 1 (shrimp research and fishery in Div. 0A, 1986)  
 2 (shrimp survey off E Greenland, 1986)  
 3 (Norwegian shrimp fishery off E Greenland, 1986)  
 4 (Iceland shrimp fishery in Denmark Strait, 1986)  
 5 (photography method of estimating shrimp biomass)  
 7 (trial shrimp fishery off W Greenland)  
 8 (shrimp fishery in SA 1 in 1985 and 1986)  
 18 (USSR capelin acoustic survey in Div. 2J+3KLN0)  
 20 (assessment of beaked redfish in Div. 3LMN)

- 21 (silver hake and other fish in Div. 4VWX, 1986)  
 22 (G. halibut distribution and abundance SA 0+1)  
 28 (effects of gillnet selection on young cod)  
 30 (inshore distribution of W Greenland cod)  
 31 (larval drift re W Greenland cod recruitment)  
 32 (inshore distribution of W Greenland young cod)  
 33 (catch and size of G. halibut, W Greenland)  
 34 (tagging results of G. halibut, W Greenland)  
 35 (young G. halibut distribution, W Greenland)  
 36 (otolith and vertebrae ageing of A. wolffish)  
 37 (status of redfish in Div. 3M)  
 38 (distribution and abundance of redfish in SA 0+1)  
 39 (status of roundnose grenadier in SA 0 to 3)  
 40 (assessment of A. plaice in Div. 3LNO)  
 42 (assessment of silver hake stock in Div. 4VWX)  
 44 (assessment of yellowtail in Div. 3LNO)  
 48 (diel catches of yellowtail in Div. 3LNO)  
 51 (silver hake catch-at-age estimate differences)  
 57 (redfish fishery off W Greenland, 1977-86)  
 58 (status of redfish in Div. 3LN)  
 59 (redfish in shrimp surveys in Div. 1AB, 1976-86)  
 61 (Atlantic and spotted wolffish, W Greenland)  
 69 (capelin biomass by acoustics in Div. 3LNO)  
 75 (G. halibut stock off Canada and W Greenland)  
 78 (biology of grenadier in mid-Atlantic ridge)  
 81 (biology, fishery of G. halibut, W Greenland)  
 82 (A. halibut taggings off Canada and Greenland)  
 84 (spawning of A. halibut off Faroe Islands)  
 86 (distribution of G. halibut off NE Canada)  
 87 (grenadier distribution in Icelandic waters)  
 88 (common grenadier studies, NW Atlantic, 1969-83)  
 89 (G. halibut growth in NE Atlantic)  
 90 (local groups of G. halibut in N Atlantic)  
 91 (ante-anal/total length conversion for grenadier)  
 93 (G. halibut and grenadier distribution, 1968-86)

### Limanda ferruginea (see Flounder, yellowtail)

### Longline (see Fishing gear)

## M

### Mallotus villosus (see Capelin)

### Management

- SCR 87/13 (haddock spawning area closures, 1970-1987)  
 58 (status of redfish in Div. 3LN)  
 74 (G. halibut review; E Norway and Barents Sea)  
 79 (G. halibut, E Bering/Aleutian Is.; review)  
 96 (grenadier and halibut management in 200 miles)  
 SCS 87/ 4 (Canadian request for advice for 1988)  
 5 (Denmark (Greenland) request for advice for 1988)

### Maturation

- SCR 87/ 1 (shrimp research and fishery in Div. 0A, 1986)  
 2 (shrimp survey off E Greenland, 1986)  
 8 (shrimp fishery in SA 1 in 1985 and 1986)  
 9 (shrimp fishery in Denmark Strait in 1985, 1986)  
 47 (A. plaice resource in SA 2 and Div. 3KL)  
 55 (status of SA 1 cod stock and fishery)  
 69 (capelin biomass by acoustics in Div. 3LNO)  
 74 (G. halibut review; E Norway and Barents Sea)  
 76 (G. halibut distribution, E Canada/W Greenland)  
 78 (biology of grenadier in mid-Atlantic ridge)  
 81 (biology, fishery of G. halibut, W Greenland)  
 84 (spawning of A. halibut off Faroe Islands)  
 87 (grenadier distribution in Icelandic waters)  
 88 (common grenadier studies, NW Atlantic, 1969-83)  
 90 (local groups of G. halibut in N Atlantic)



- 92 (population structure of N Atlantic grenadier)  
95 (Gulf of St. Lawrence G. halibut biology)

Merluccius bilinearis (see Hake, silver)

Meteorology

- SCR 87/62 (overview of environmental conditions, 1986)  
63 (MEDS environmental report for 1986/87)

Migration

- SCR 87/34 (tagging results of G. halibut, W Greenland)  
46 (movement of yellowtail in Div. 3LNO)  
55 (status of SA 1 cod stock and fishery)  
61 (Atlantic and spotted wolffish, W Greenland)  
76 (G. halibut distribution, E Canada/W Greenland)  
82 (A. halibut taggings off Canada and Greenland)  
92 (population structure of N Atlantic grenadier)  
98 (diurnal migration and feeding, O-group S. hake)

**N**

New England area (Subareas 5 and 6)

- SCR 87/13 (haddock spawning area closures, 1970-1987)  
14 (warm-core Gulf Stream rings off USA, 1986)  
16 (water thermal structure SE of Sandy Hook, 1986)  
17 (variation in shelf water front off USA, 1986)  
SCS 87/12 (US research report for 1986)

Newfoundland Shelf area (Div. 3K)

- SCR 87/10 (mortality of G. halibut in SA 0+2, Div. 3KL)  
18 (USSR capelin acoustic survey in Div. 2J+3KLNO)  
39 (status of roundnose grenadier in SA 0 to 3)  
45 (G. halibut resource in SA 2 and Div. 3KL)  
47 (A. plaice resource in SA 2 and Div. 3KL)  
54 (cod biomass in Div. 2J+3KL beyond 200 miles)  
68 (oceanography off Labrador and NE Newfoundland)

Norwegian Sea

- SCR 87/ 3 (Norwegian shrimp fishery off E Greenland, 1986)  
74 (G. halibut review; E Norway and Barents Sea)  
83 (recruitment of G. halibut in Svalbard area)  
84 (spawning of A. halibut off Faroe Islands)  
85 (deepwater resources of NE Atlantic)

**O**

Oceanography (also see specific subjects)

- SCR 87/ 6 (water masses and ice in Denmark Strait)  
16 (water thermal structure SE of Sandy Hook, 1986)  
17 (variation in shelf water front off USA, 1986)  
27 (warming off W Greenland continues)  
62 (overview of environmental conditions, 1986)  
68 (oceanography off Labrador and NE Newfoundland)  
72 (shelf edge oceanographic processes)  
85 (deepwater resources of NE Atlantic)

Otoliths

- SCR 87/36 (otolith and vertebrae ageing of A. wolffish)  
40 (assessment of A. plaice in Div. 3LNO)  
42 (assessment of silver hake stock in Div. 4VWX)  
52 (Canada-USSR silver hake otolith exchange)

**P**

Pandalus sp. (see Shrimp)

Parasites

- SCR 87/41 (vertical zones of deepwater fish parasites)  
76 (G. halibut distribution, E Canada/W Greenland)  
87 (grenadier distribution in Icelandic waters)

Photography

- SCR 87/ 5 (photography method of estimating shrimp biomass)

Plaice, American (*Hippoglossoides platessoides*)

- SCR 87/19 (ichthyoplankton survey on Flemish Cap, 1986)  
40 (assessment of A. plaice in Div. 3LNO)  
47 (A. plaice resource in SA 2 and Div. 3KL)

Plankton (see Ichthyoplankton)

Poland

- SCS 87/22 (Polish research report, 1986)

Portugal

- SCS 87/18 (Portuguese research report for 1986)

Predation (also see Feeding)

- SCR 87/79 (G. halibut, E Bering/Aleutian Is.; review)

Publications

- SCS 87/ 2 (provisional index of 1986 documents)  
6 (NAFO report to CWP)  
7 (journal/studies provisional index, 1980-86)  
16 (guidelines for logbook and related systems)  
21 (report of Scientific Council, Jun 1987)  
27 (report of Scientific Council, Sep 1987)

**R**

Recruitment

- SCR 87/11 (fishery ecology of silver hake in Div. 4VWX)  
20 (assessment of beaked redfish in Div. 3LMN)  
31 (larval drift re W Greenland young cod)  
40 (assessment of A. plaice in Div. 3LNO)  
42 (assessment of silver hake stock in Div. 4VWX)  
45 (G. halibut resource in SA 2 and Div. 3KL)  
48 (diel catches of yellowtail in Div. 3LNO)  
55 (status of SA 1 cod stock and fishery)  
83 (recruitment of G. halibut in Svalbard area)

Redfish, beaked (*Sebastes fasciatus*; *S. mentella*)

- SCR 87/20 (assessment of beaked redfish in Div. 3LMN)

Redfishes, Atlantic (*Sebastes sp.*)

- SCR 87/19 (ichthyoplankton survey on Flemish Cap, 1986)  
37 (status of redfish in Div. 3M)  
38 (distribution and abundance of redfish in SA 0+1)  
57 (redfish fishery off W Greenland, 1977-86)  
58 (status of redfish in Div. 3LN)  
59 (redfish in shrimp surveys in Div. 1AB, 1976-86)  
85 (deepwater resources of NE Atlantic)

Reinhardtius hippoglossides (see Halibut, Greenland)

Remote-sensing

- SCR 87/14 (warm-core Gulf Stream rings off USA, 1986)  
 16 (water thermal structure SE of Sandy Hook, 1986)  
 17 (variation in shelf water front off USA, 1986)  
 49 (capelin school area by aerial survey Div. 3L)  
 64 (aircraft bathythermograph data along 47N)

Research reports

- SCS 87/ 9 (Canada research report, 1986)  
 12 (US research report for 1986)  
 13 (Spanish research report, 1986)  
 14 (Denmark (Greenland) research report for 1986)  
 15 (USSR research report for 1986)  
 17 (Japanese research report for 1986)  
 18 (Portuguese research report for 1986)  
 22 (Polish research report, 1986)  
 23 (GDR research report for 1986)

Reviews

- SCR 87/12 (understanding marine fish communities)  
 13 (haddock spawning area closures, 1970-1987)  
 62 (overview of environmental conditions, 1986)  
 74 (G. halibut review; E Norway and Barents Sea)  
 79 (G. halibut, E Bering/Aleutian Is.; review)  
 83 (recruitment of G. halibut in Svalbard area)  
 92 (population structure of N Atlantic grenadier)

Rock grenadier (see Grenadier, roundnose)

Roundnose grenadier (see Grenadier, roundnose)

Roughhead grenadier (see Grenadier, roughhead)

Rules of Procedure

- SCS 87/19 (Synopsis of SC fishery statistic requirements)  
 25 (proposal for change of Rules of Procedure)

**S**

Salinity

- SCR 87/ 6 (water masses and ice in Denmark Strait)  
 17 (variation in shelf water front off USA, 1986)  
 27 (warming off W Greenland continues)  
 62 (overview of environmental conditions, 1986)  
 65 (temperature and salinity anomalies, 1986)  
 66 (temperature and salinity off Newfoundland)  
 73 (near bottom temperatures over Labrador Shelf)  
 80 (Arctic outflow and NW Atlantic oceanography)  
 84 (spawning of A. halibut off Faroe Islands)

Sampling (biological)

- SCS 87/11 (list of biological sampling data for 1985)  
 16 (guidelines for logbook and related systems)  
 19 (synopsis of SC fishery statistic requirements)

Satellite imagery (also see Remote-sensing)

- SCR 87/14 (warm-core Gulf Stream rings off USA, 1986)  
 16 (water thermal structure SE of Sandy Hook, 1986)  
 17 (variation in shelf water front off USA, 1986)

Scientific Council (NAFO)

- SCS 87/ 1 (report of Scientific Council, Jan 1987)  
 21 (report of Scientific Council, Jun 1987)  
 27 (report of Scientific Council, Sep 1987)

Scotian Shelf (Div. 4VWX; also see Atlantic, Northwest)

- SCR 87/11 (fishery ecology of silver hake in Div. 4VWX)  
 21 (silver hake and other fish in Div. 4VWX, 1986)  
 42 (assessment of silver hake stock in Div. 4VWX)  
 56 (silver hake population size in Div. 4VWX, 1986)  
 98 (diurnal migration and feeding, 0-group S. hake)

Sebastes sp. (see Redfish)

Sequential population analysis (mathematical models)

- SCR 87/10 (mortality of G. halibut in SA 0+2, Div. 3KL)  
 20 (assessment of beaked redfish in Div. 3LMN)  
 40 (assessment of A. plaice in Div. 3LNO)  
 42 (assessment of silver hake stock in Div. 4VWX)  
 44 (assessment of yellowtail in Div. 3LNO)  
 45 (G. halibut resource in SA 2 and Div. 3KL)  
 51 (silverhake catch-at-age estimate differences)  
 56 (silver hake population size in Div. 4VWX, 1986)  
 58 (status of redfish in Div. 3LN)

Sexual development

- SCR 87/ 8 (shrimp fishery in SA 1 in 1985 and 1986)  
 9 (shrimp fishery in Denmark Strait in 1985, 1986)

Shrimp (*Pandalus* sp.)

- SCR 87/ 1 (shrimp research and fishery in Div. 0A, 1986)  
 2 (shrimp survey off E Greenland, 1986)  
 3 (Norwegian shrimp fishery off E Greenland, 1986)  
 4 (Iceland shrimp fishery in Denmark Strait, 1986)  
 5 (photography method of estimating shrimp biomass)  
 7 (trial shrimp fishery off W Greenland)  
 8 (shrimp fishery in SA 1 in 1985 and 1986)  
 9 (shrimp fishery in Denmark Strait in 1985, 1986)  
 59 (redfish in shrimp surveys in Div. 1AB, 1976-86)  
 83 (recruitment of G. halibut in Svalbard area)  
 85 (deepwater resources of NE Atlantic)

Silver hake (see Hake, silver)

Spain

- SCS 87/13 (Spanish research report, 1986)

Spawning (also see Eggs and Maturation)

- SCR 87/13 (haddock spawning area closures, 1970-1987)  
 74 (G. halibut review; E Norway and Barents Sea)  
 84 (spawning of A. halibut off Faroe Islands)  
 87 (grenadier distribution in Icelandic waters)

Squid

- SCR 87/85 (deepwater resources of NE Atlantic)

St. Pierre Bank (Div. 3Ps)

- SCR 87/26 (water temperature variations Div. 3Ps, 1978-1987)

STACFIS

- SCS 87/ 1 (report of Scientific Council, Jan 1987)  
 21 (report of Scientific Council, Jun 1987)  
 27 (report of Scientific Council, Sep 1987)

STACPUB

- SCS 87/21 (report of Scientific Council, Jun 1987)  
 27 (report of Scientific Council, Sep 1987)

STACREC

- SCS 87/21 (report of Scientific Council, Jun 1987)  
27 (report of Scientific Council, Sep 1987)

Statistics

- SCS 87/ 3 (historical catches for some stocks, 1975-85)  
6 (NAFO report to CWP)  
10 (report of 13th session of CWP, Feb 1987)  
11 (list of biological sampling data for 1985)  
16 (guidelines for logbook and related systems)  
19 (synopsis of SC fishery statistic requirements)  
20 (provisional nominal catches for 1986)

Stock; Stock size (also see Abundance and Assessment)

- SCR 87/20 (assessment of beaked redfish in Div. 3LMN)  
39 (status of roundnose grenadier in SA 0 to 3)  
56 (silver hake population size in Div. 4VWX, 1986)

Stock, discrimination (also see Distribution)

- SCR 87/12 (understanding marine fish communities)  
23 (new stratification scheme for Div. 2G+2H)  
25 (new stratification scheme for areas in SA 0+1)  
76 (G. halibut distribution, E Canada/W Greenland)  
86 (distribution of G. halibut off NE Canada)  
92 (population structure of N Atlantic grenadier)

Surveys, biological

- SCR 87/ 1 (shrimp research and fishery in Div. 0A, 1986)  
2 (shrimp survey off E Greenland, 1986)  
19 (ichthyoplankton survey on Flemish Cap, 1986)  
22 (G. halibut distribution and abundance SA 0+1)  
24 (status of witch flounder stock in Div. 3NO)  
25 (new stratification scheme for areas in SA 0+1)  
26 (water temperature variations Div. 3Ps, 1978-87)  
28 (effects of gillnet selection on young cod)  
31 (larval drift re W Greenland cod recruitment)  
32 (inshore distribution of W Greenland young cod)  
33 (catch and size of G. halibut, W Greenland)  
35 (young G. halibut distribution, W Greenland)  
37 (status of redfish in Div. 3M)  
38 (distribution and abundance of redfish in SA 0+1)  
39 (status of roundnose grenadier in SA 0 to 3)  
40 (assessment of A. plaice in Div. 3LNO)  
43 (groundfish in research surveys - S Grand Bank)  
44 (assessment of yellowtail in Div. 3LNO)  
45 (G. halibut resource in SA 2 and Div. 3KL)  
47 (A. plaice resource in SA 2 and Div. 3KL)  
50 (1986 inshore capelin fishery in Div. 3L)  
53 (assessment of cod in Div. 3O)  
54 (cod biomass in Div. 2J+3KL beyond 200 miles)  
55 (status of SA 1 cod stock and fishery)  
60 (year-class strengths of capelin in Div. 3L)  
61 (Atlantic and spotted wolffish, W Greenland)  
67 (marine environment and ecosystems - CAFSAC)  
69 (capelin biomass by acoustics in Div. 3LNO)  
74 (G. halibut review, E Norway and Barents Sea)  
79 (G. halibut, E Bering/Aleutian Is.; review)  
87 (grenadier distribution in Icelandic waters)  
88 (common grenadier studies, NW Atlantic, 1969-83)  
93 (G. halibut and grenadier distribution, 1968-86)  
94 (roughhead and roundnose grenadier distribution)  
97 (yield-per-recruit for cod in Div. 3NO)

**T**Tagging

- SCR 87/34 (tagging results of G. halibut, W Greenland)

- 46 (movement of yellowtail in Div. 3LNO)  
51 (Atlantic and spotted wolffish, W Greenland)  
76 (G. halibut distribution, E Canada/W Greenland)  
82 (A. halibut taggings off Canada and Greenland)  
SCS 87/ 8 (tagging activities report for 1986)

Temperature

- SCR 87/ 6 (water masses and ice in Denmark Strait)  
16 (water thermal structure SE of Sandy Hook, 1986)  
17 (variation in shelf water front off USA, 1986)  
26 (water temperature variations Div. 3Ps, 1978-87)  
27 (warming off W Greenland continues)  
29 (heat transport in W Greenland waters)  
62 (overview of environmental conditions, 1986)  
63 (MEDS environmental report for 1986/87)  
64 (aircraft bathythermograph data along 47N)  
65 (temperature and salinity anomalies, 1986)  
66 (temperature and salinity off Newfoundland)  
68 (oceanography off Labrador and NE Newfoundland)  
73 (near bottom temperatures over Labrador Shelf)  
77 (temperature on Canada-W Greenland halibut stock)  
80 (Arctic outflow and NW Atlantic oceanography)  
84 (spawning of A. halibut off Faroe Islands)  
86 (distribution of G. halibut off NE Canada)  
87 (grenadier distribution in Icelandic waters)  
88 (common grenadier studies, NW Atlantic, 1969-83)  
93 (G. halibut and grenadier distribution, 1968-86)  
94 (roughhead and roundnose grenadier distribution)  
95 (Gulf of St. Lawrence G. halibut biology)  
98 (diurnal migration and feeding, 0-group S. hake)

**U**USA

- SCR 87/14 (warm-core Gulf Stream rings off USA, 1986)  
17 (variation in shelf water front off USA, 1986)  
SCS 87/12 (US research report for 1986)

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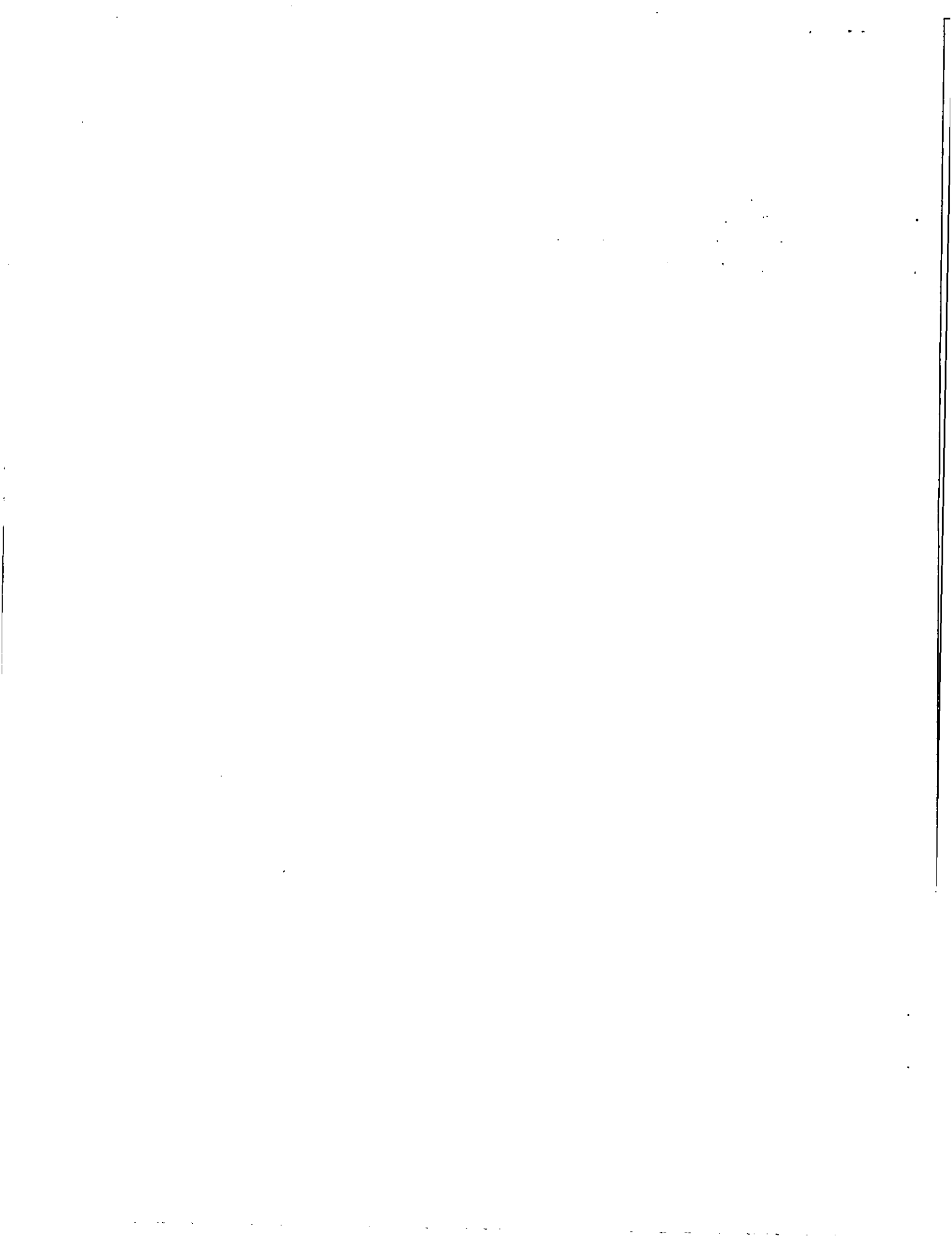
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