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**Provisional Index and List of Titles of Research
and Summary Documents of 1997**

by

NAFO Secretariat

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Introduction

The Scientific Council has agreed that research documents (SCR) and summary documents (SCS) 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 second for 1985-89 was published in February 1991 and the third for 1990-94 was published in November 1995. This compilation relates to all SCR documents (Doc. No. 1-108) and SCS documents (Doc. No. 1-19) for the calendar year 1997.

The list of SCR and SCS documents of 1997 in the first section of this document maintains the previous format and is arranged by consecutive document number.

Compilation of the 1997 author index generally follows guidelines that were used in preparing the Index of Meeting Documents for 1979-84, 1985-89 and 1990-94. 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 1997 subject index follows the same format as the author index. However, it differs from subject indexes prior to 1988 in that the text between parentheses is not altered from that used in the author index.



LIST OF RESEARCH AND SUMMARY DOCUMENTS

RESEARCH DOCUMENTS (SCR)

SCR No.	Ser. No.	Author(s) and Title
96/1*	N2826	RIKHTER, V. A. On reliability 4VWX silver hake abundance and biomass estimates, obtained by Canadian scientists in 1985 and 1996.
97/2*	N2827	SAFRONOV, A. M., and V. J. ANIKEEV. Northern shrimp in Russian catches from Flemish Cap Bank (NAFO Division 3M) in 1995-1996.
97/3*	N2828	RIKHTER, V. A. On probable relation between Scotian cod, haddock, pollock recruitment and silver hake abundance in the area.
97/4*	N2829	STEIN, M. Climatic conditions around Greenland - 1996.
97/5*	N2830	RÄTZ, H.-J. Structures and changes of the demersal fish assemblage off Greenland and trends in near bottom temperature, 1982-96.
97/6*	N2833	BENWAY, R. L., and J. W. JOSSI. Surface and bottom temperatures, and surface salinities: New York to the Gulf Stream, Massachusetts to Cape Sable, N.S., 1996.
97/7*	N2834	KISELEVA, V. M. Assessment of cod stock on the Flemish Cap from data of trawl survey in 1996.
97/8*	N2835	VASKOV, A. A. Stock assessment of redfish in Division 3M by data from 1996 Russian trawl survey. (+ Corrigendum)
97/9*	N2836	IGASHOV, T. M., and A. A. VASKOV. Assessment of <i>Sebastes marinus</i> stock in Division 3M by Russian research trawl surveys in 1987-1996.
97/10*	N2837	SAVVATIMSKY, P. I., and A. A. VASKOV. Results of Russian surveys on assessment of Greenland halibut stock in the Flemish Pass and on the Flemish Cap in 1996.
97/11*	N2838	SAVVATIMSKY, P. I. Results from the assessment of roundnose grenadier stocks in NAFO Subareas 0 and 1 by the data from the Russian bottom surveys in 1986-1992.
97/12*	N2842	STEIN, M., and V. A. BOROVKOV. Fourth Report of Joint Russian/German Data Evaluation of Oceanographic Data from ICNAF/NAFO Standard Sections in the Davis Strait/Labrador Region.
97/13*	N2843	BOROVKOV, V. A., and M. STEIN. Variability of the warm water supply off West Greenland and Labrador during four decades - 1950 to 1989.
97/14*	N2841	DOUGHERTY-POUPORE, T. Marine Environment Data Service report for 1996.
97/15*	N2844	PAZ, X., and E. ROMÁN. Length/weight relationships for some species of fish encountered in the North West Atlantic (NAFO Regulatory Area: Divisions 3L, 3M and 3NO).
97/16*	N2845	ROMÁN, E., and X. PAZ. Length/weight relationships for Greenland halibut, <i>Reinhardtius hippoglossoides</i> , from Northwest Atlantic (NAFO Regulatory Area: Divisions 3L, 3M and 3NO).
97/17*	N2847	CERVINO, S., and R. PREGO. Hydrographic conditions on the Flemish Cap in July 1996.

* Scientific Council Meeting, 4-19 June 1997.

SCR No.	Ser. No.	Author(s) and Title
97/18*	N2848	SABORIDO-REY, F. Sexual maturity and spawning biomass of the cod stock on Flemish Cap (Division 3M).
97/19*	N2849	MURUA, H., and L. MOTOS. Length at first maturity of roughhead grenadier, <i>Macrourus berglax</i> , in NAFO Divisions 3MNL.
97/20*	N2850	MURUA, H., and L. MOTOS. Reproductive biology of roughhead grenadier, <i>Macrourus berglax</i> , in NAFO Divisions 3MNL.
97/21*	N2851	JØRGENSEN, O. A. Results of the joint Japan/Greenland bottom trawl surveys at West Greenland during 1987-95 Greenland halibut (<i>Reinhardtius hippoglossoides</i> , Walbaum).
97/22*	N2852	JØRGENSEN, O. A. Results of the joint Japan/Greenland trawl surveys at West Greenland during 1987-1995, roundnose grenadier (<i>Corphaenoides rupestris</i> Gunnerus). (+ Corrigendum)
97/23*	N2853	YOKAWA, K., and M. SATANI. Results of a stratified random bottom trawl survey in NAFO Divisions 2GH in 1996.
97/24*	N2855	DURÁN, P., and X. PAZ. Witch flounder (<i>Glyptocephalus cynoglossus</i>) in the Spanish fishery in NAFO Regulatory Area (Divisions 3LM and 3NO) 1991-1994.
97/25*	N2856	PAZ, J., P. DURÁN, and E. DE CÁRDENAS. Preliminary results from the 97 Spanish bottom trawl survey in the NAFO Regulatory Area for Divisions 3NO.
97/26*	N2858	THOMPSON, G. G., and P. M. MACE. The evolution of precautionary approaches to fisheries management, with focus on the United States.
97/27*	N2859	GORCHINSKY, K. V. Spatial and temporal variations in Greenland halibut females ratio at age in NAFO Divisions 0B, 2GH, 3K and 3LM.
97/28*	N2860	VAZQUEZ, A. Results from bottom trawl survey of Flemish Cap in July 1996.
97/29*	N2861	COLBOURNE, E. Environmental conditions on the Newfoundland Shelf, spring 1997 with reference to the 1961-1990 normal.
97/30*	N2862	BRODIE, W. B., W. R. BOWERING, and D. ORR. Comparison of results for Greenland halibut from Canadian and Japanese research vessel surveys in Divisions 2GH in 1996.
97/31*	N2863	BRODIE, W. B., S. J. WALSH, and D. ORR. Results of surveys directed at yellowtail flounder in NAFO Divisions 3NO, conducted on a Canadian commercial trawler.
97/32*	N2864	BISHOP, C. A., and W. B. BRODIE. Evaluation of offshore closed areas as a fisheries management tool, with emphasis on two case studies.
97/33*	N2865	DE CÁRDENAS, E., and L. MOTOS. Yield per recruit for Greenland halibut in Subareas 2 and 3, considering a dome shaped exploitation pattern and differences in natural mortality (M) between sexes. (Revised)
97/34*	N2866	DE CÁRDENAS, E. Influence of latitude on the catchability of Greenland halibut.
97/35*	N2867	GIL, J., E. DE CÁRDENAS, and E. RODRÍGUEZ-MARÍN. Evolution of yields and mean lengths of the catch of Greenland halibut in Divisions 3LMNO of the NAFO Regulatory Area.

* Scientific Council Meeting, 4-19 June 1997.

SCR No.	Ser. No.	Author(s) and Title
97/36*	N2868	GIL, J., M. RUIZ, E. DE CÁRDENAS, and E. RODRÍGUEZ-MARÍN. Contrast between day and night Greenland halibut yields from catches by Spanish commercial fleet, during the period 1991-1994 in NAFO Divisions 3LMN.
97/37*	N2869	RODRÍGUEZ-MARÍN, E., E. DE CÁRDENAS, and J. PAZ. Feeding of Greenland halibut (<i>Reinhardtius hippoglossoides</i>) in 3LMNO NAFO Regulatory Area Divisions (Northwest Atlantic), 1991-1994.
97/38*	N2870	MATHIAS, J. A., and M. A. TREBLE. An exploratory fishery for Greenland halibut (<i>Reinhardtius hippoglossoides</i>) in Division 0A with otter trawl in 1996; analysis of data collected by observers.
97/39*	N2871	ENGELSTOFT, J. J., and O. JØRGENSEN. Biomass and abundance of demersal fish stocks off West Greenland estimated from the Greenland trawl survey, 1988-1996.
97/40*	N2872	HAMMILL, M. O., and G. B. STENSON. Estimated prey consumption by harp seals (<i>Phoca groenlandica</i>), grey seals (<i>Halichoerus grypus</i>), harbour seals (<i>Phoca vitulina</i>) and hooded seals (<i>Cystophora cristata</i>) in the Northwest Atlantic.
97/41*	N2875	ANDERSON, J. T., and E. L. DALLEY. Year-class strength of northern cod (2J3KL) estimated from pelagic juvenile fish surveys in the Newfoundland Region, 1994, 1995 and 1996.
97/42*	N2876	BRODIE, W. B., M. J. MORGAN, and E. F. MURPHY. Results for selected species from a Canadian research vessel survey on Flemish Cap, NAFO Div. 3M, in 1996.
97/43*	N2877	CADIGAN, N., and P. SHELTON. Associations between 2J3KL fall survey catches of cod and bottom temperature.
97/44*	N2878	AVILA DE MELO, A., R. ALPOIM, F. SABORIDO-REY, and L. MOTOS. Status of the redfish stocks in NAFO Div. 3M (Flemish Cap) in 1996.
97/45*	N2879	DE CÁRDENAS, E., and M. L. GODINHO. An assessment on American plaice in Division 3M.
97/46*	N2880	MURPHY, E. F., and P. A. SHELTON. Commercial catch rate data as an index of cod abundance in NAFO Divisions 2J3KL.
97/47*	N2881	BRANTON, R. M., R. G. HALLIDAY, and M. A. SHOWELL. Effects of modifications to the Scotian Shelf small mesh gear line in 1994-96 on catch rates of silver hake.
97/48*	N2882	STEPHENSON, T. D., M. A. TREBLE, J. A. MATHIAS, and D. G. PIKE. Experimental tagging of Greenland halibut (<i>Reinhardtius hippoglossoides</i>) in Cumberland Sound, Baffin Island, during the winter fishery, May 1997.
96/49*	N2883	BRATTEY, J., and D. PORTER. An acoustic survey of Atlantic cod (<i>Gadus morhua</i>) in three inshore areas of western Trinity Bay (NAFO Division 3L).
96/50*	N2884	VAZQUEZ, A., A. AVILA DE MELO, R. ALPOIM, E. DE CÁRDENAS, and L. MOTOS. An assessment of the cod stock in NAFO Division 3M.
97/51*	N2885	HALLIDAY, R. G., and C. G. COOPER. The effect of codend separator grates on silver hake otter trawl catch rate.
97/52*	N2886	BRODIE, W. B., W. R. BOWERING, D. POWER, and D. ORR. An assessment of Greenland halibut in NAFO Subarea 2 and Divisions 3KLMNO.

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SCR No.	Ser. No.	Author(s) and Title
97/53*	N2887	JØRGENSEN, O. A. Assessment of the Greenland halibut stock component in NAFO Subarea 0 + Div. 1B-1F.
97/54*	N2888	SHOWELL, M. A., and C. G. COOPER. Development of the Canadian silver hake fishery, 1987-96.
97/55*	N2889	RÄTZ, H.-J. Assessment of other finfish in NAFO Subarea 1.
97/56*	N2890	RÄTZ, H.-J. Assessment of redfish in NAFO Subarea 1.
97/57*	N2891	MURPHY, E. F. Cod in Divisions 2J+3KL - estimates of biomass and age composition for the portion of the stock in the NAFO Regulatory Area from Canadian research vessel surveys. (+ Corrigendum)
97/58*	N2892	ALPOIM, R. Age structure of roughhead grenadier (<i>Macrourus berglax</i>) on Flemish Cap, 1996.
97/59*	N2893	MURPHY, E. F., D. E. STANSBURY, P. A. SHELTON, J. BRATTEY, and G. R. LILLY. A stock status update for NAFO Divisions 2J+3KL cod.
97/60*	N2894	MORGAN, M. J., W. B. BRODIE, S. J. WALSH, and D. ORR. An assessment of Divisions 3LNO American plaice.
97/61*	N2895	BOWERING, W. R. A review of the status of witch flounder in Divisions 2J, 3KL.
97/62*	N2896	LILLY, G. R. Size and condition of cod in Divisions 2J+3KL during 1978-1996.
97/63*	N2897	DRINKWATER, K. F., E. COLBOURNE, and D. GILBERT. Overview of environmental conditions in the Northwest Atlantic in 1996.
97/64*	N2898	POWER, D. Redfish in NAFO Divisions 3LN.
97/65*	N2899	BOWERING, W. R., and D. ORR. Distribution and abundance of witch flounder in NAFO Divisions 3NO.
97/66*	N2900	WALSH, S. J., and B. R. McCALLUM. Observations on the varying fishing powers of Canadian survey vessels and trawls.
97/67*	N2901	GODINHO, M. L. and R. ALPOIM. Essays on baking technique of Greenland halibut otoliths for ageing purposes.
97/68*	N2902	WARREN, W., W. BRODIE, D. STANSBURY, S. WALSH, J. MORGAN and D. ORR. Analysis of the 1996 comparative fishing trial between the <i>Alfred Needler</i> with the Engel 145 trawl and the <i>Wilfred Templeman</i> with the Campelen 1800 trawl.
97/69*	N2903	SHOWELL, M. A. Assessment of the 4VWX silver hake population in 1996.
97/70*	N2904	DAVIS, M. B., D. E. STANSBURY, E. F. MURPHY, P. A. SHELTON, M. J. MORGAN, G. R. LILLY, and J. BRATTEY. An assessment of the cod stock in NAFO Divisions 3NO.
97/71*	N2905	MORGAN, M. J., and S. J. WALSH. Observations on maturation, recruitment and spawning stock biomass in yellowtail flounder on the Grand Bank.
97/72*	N2906	WALSH, S. J., W. B. BRODIE, M. J. MORGAN, W. R. BOWERING, D. ORR, and M. VEITCH. An assessment of the Grand Bank yellowtail flounder stock in NAFO Divisions 3LNO.

* Scientific Council Meeting, 4-19 June 1997.

SCR No.	Ser. No.	Author(s) and Title
97/73 ^a	N2907	STANSBURY, D. E. Conversion factors for cod from comparative fishing trials for Engel 145 otter trawl and Campelen 1800 shrimp trawl used on research vessels.
97/74 ^a	N2908	POWER, D. Roundnose grenadier (<i>Coryphaenoides rupestris</i>) in NAFO Subareas 2+3.
97/75 ^a	N2909	SHOWELL, M. A. Trends in growth and condition of 4VWX silver hake, 1970-96.
97/76 ^a	N2910	DE CÁRDENAS, E., and L. MOTOS. Influence of post-escapement mortality in the yield of a Greenland halibut trawl fishery.
97/77 ^a	N2914	SINCLAIR, A. Biological reference points relevant to a precautionary approach to fisheries management: an example for southern Gulf of St. Lawrence cod.
97/78 ^a	N2915	SIMONSEN, C. S., and J. BOJE. An assessment of the inshore Greenland halibut stock component in NAFO Division 1A.
97/79 ^a	N2916	AVILA DE MELO, A., and R. ALPOIM. Background rationale for <i>status quo</i> management advice on Division 3M redfish.
97/80 ^a	N2918	SKÚLADÓTTIR, U. The by-catch in the shrimp fishery of Iceland at Flemish Cap in 1996 and 1997.
97/81 ^b	N2927	PARSONS, D. G., D. W. KULKA, and P. J. VEITCH. Distribution, biomass, abundance and demography of shrimp (<i>Pandalus borealis</i>) on Flemish Cap (NAFO Div. 3M) based on data obtained during a Canadian research trawl survey, September-October, 1996.
97/82 ^b	N2928	PARSONS, D. G. The international fishery for shrimp (<i>Pandalus borealis</i>) in Division 3M (Flemish Cap), 1993-1997.
97/83 ^b	N2929	PARSONS, D. G., and P. J. VEITCH. The Canadian fishery for northern shrimp (<i>Pandalus borealis</i>) on Flemish Cap (NAFO Division 3M), 1993-1997.
97/84 ^b	N2930	COLBOURNE, E. Oceanographic conditions on the Flemish Cap during the summer of 1997, with comparisons to the previous year and the 1961-1990 average.
97/85 ^b	N2931	SKÚLADÓTTIR, U. The Icelandic shrimp fishery (<i>Pandalus borealis</i> Kr.) at the Flemish Cap in 1993-1997.
97/86 ^b	N2932	CARLSSON, D. M., and P. KANNEWORFF. The Greenland fishery for northern shrimp (<i>Pandalus borealis</i>) on Flemish Cap (NAFO Division 3M) in 1997.
97/87 ^b	N2933	DEL RIO, J. L., and C. SAINZA. Northern shrimp (<i>Pandalus borealis</i>) stock on Flemish Cap according to 1988-1996 surveys.
97/88 ^b	N2934	DEL RIO, J. L. Northern shrimp (<i>Pandalus borealis</i>) on Flemish Cap in July-August 1997.
97/89 ^b	N2935	JUNQUERA, S., L. BÓVEDA, M. ALVAREZ, and J. L. DEL RIO. Spanish shrimp (<i>Pandalus borealis</i>) fishery in Flemish Cap in 1997.
97/90 ^b	N2937	NICOLAJSSEN, Á. Biomass estimate, length distribution, and growth of the shrimp stock on Flemish Cap (Div. 3M) in June 1997.
97/91 ^b	N2938	ASCHAN, M., and O. R. GODØ. Evaluation of state of stock and production potential of Division 3M shrimp based on area comparison.

^a Scientific Council Meeting, 4-19 June 1997.

^b Scientific Council Annual Meeting, 7-19 September 1997.

SCR No.	Ser. No.	Author(s) and Title
97/92 ^b	N2939	GONZÁLEZ, G., and I. BRUNO. Food and feeding of ocean redfish (<i>Sebastes mentella</i> Travin) in the North Atlantic.
97/93 ^b	N2940	NICOLAISEN, Á. Biomass estimate, length distribution and growth of the shrimp stock on the Nose of the Bank (Div. 3L) in May-June 1997.
97/94 ^b	N2941	BURUKOVSKY, R. N., and S. A. SUDNIK. On realized fecundity of northern shrimp (<i>Pandalus borealis</i>) at Flemish Cap during spring-summer 1996.
97/95 ^b	N2942	SKÚLADÓTTIR, U., and G. STEFÁNSSON. Indices of female biomass of shrimp (<i>Pandalus borealis</i> Kr.) at the Flemish Cap.
97/96 ^c	N2953	RÄTZ, H.-J. Biomass indices and geographical distribution patterns of survey catches for shrimp (<i>Pandalus borealis</i>) off West and East Greenland, 1982-96.
97/97 ^c	N2954	HVINGEL, C., O. FOLMER, and H. SIEGSTAD. The Greenlandic fishery for northern shrimp (<i>Pandalus borealis</i>) in Denmark Strait 1996 and January-October 1997.
97/98 ^c	N2955	HVINGEL, C., O. FOLMER, and H. SIEGSTAD. The Greenlandic fishery for northern shrimp (<i>Pandalus borealis</i>) off West Greenland, 1970-1997.
97/99 ^c	N2956	CARLSSON, D. M., and P. KANNEWORFF. Stratified-random trawl survey for shrimp (<i>Pandalus borealis</i>) in Disko Bay and Vaigat, inshore West Greenland, 1997.
97/100 ^c	N2957	PARSONS, D. G., and P. J. VEITCH. The Canadian fishery for northern shrimp (<i>Pandalus borealis</i>) in NAFO Division 0A and Subarea 1, 1979-1997.
97/101 ^c	N2958	CARLSSON, D. M., and P. KANNEWORFF. Offshore stratified-random trawl survey for shrimp (<i>Pandalus borealis</i>) in NAFO Subarea 0+1 in 1997.
97/102 ^c	N2959	SKÚLADÓTTIR, U. The catch statistics of the shrimp fishery (<i>Pandalus borealis</i>) in the Denmark Strait in the Years 1980-1997.
97/103 ^c	N2960	SKÚLADÓTTIR, U. The Icelandic Shrimp Fishery (<i>Pandalus borealis</i> Kr.) in the Denmark Strait in 1996-1997 and Some Reflection on Age Groups in the Years 1991-1996.
97/104 ^c	N2961	CARLSSON, D. M. A new interpretation of the age-at-length key for shrimp (<i>Pandalus borealis</i>) in the Disko Area (Disko Bay and Vaigat) in West Greenland (NAFO Subarea 1).
97/105 ^c	N2962	CARLSSON, D. M., and P. KANNEWORFF. Evaluation of year-class strength in samples from a commercial shrimp fishery, a theoretical approach.
97/106 ^c	N2963	SKÚLADÓTTIR, U. Preliminary assessment of shrimp in the Denmark Strait in 1997.
97/107 ^c	N2964	CARLSSON, D. M., and P. KANNEWORFF. A trawl survey for small shrimp (<i>Pandalus borealis</i>) in shallow water at West Greenland (NAFO Subarea 1) in 1991.
97/108 ^c	N2965	CARLSSON, D. M. A first report on a special study on variations in catch of shrimp (<i>Pandalus borealis</i>) by depth in West Greenland (NAFO Subarea 1) in 1997.

^b Scientific Council Annual Meeting, 7-19 September 1997.

^c Scientific Council Meeting, 14-17 November 1997.

SUMMARY DOCUMENTS (SCS)

SCS #	Serial #	Author(s) and Title
97/1 ^a	N2823	ROWAT, W. A. Canadian request for scientific advice on management in 1998 of certain stocks in Subareas 0 to 4.
97/2 ^a	N2824	OLSEN, J. B. Denmark (Greenland) request for scientific advice on management of certain stocks in 1998.
97/3 ^a	N2825	RIKHTER, V. A., I. K. SIGAEV, and A. A. VASKOV. Russian research report, 1996.
97/4 ^a	N2831	RÄTZ, H.-J., M. STEIN, and P. CORNUS. German research report for 1996.
97/5 ^a	N2839	NAFO SECRETARIAT. Provisional index and list of titles of research and summary documents of 1996.
97/6 ^a	N2840	NAFO SECRETARIAT. List of biological sampling data for 1995.
97/7 ^a	N2846	PERRY, G. N. Canadian research report for 1996.
97/8 ^a	N2854	MORI, J., and S. KAWAHARA. Japanese research report for 1996.
97/9 ^a	N2857	ALPOIM, R., M. L. GODINHO, A. AVILA DE MELO, and E. SANTOS. Portuguese research report for 1996.
97/10 ^a	N2873	JUNQUERA, S., E. RODRIGUEZ-MARIN, and E. DE CÁRDENAS. Spanish research report for 1996.
97/11 ^a	N2874	SIMONSEN, C. S. Denmark/Greenland research report for 1996.
97/12 ^a	N2911	SERCHUK, F., D. RIVARD, J. CASEY, and R. MAYO. Report of the <i>ad hoc</i> working group of the NAFO Scientific Council on the precautionary approach.
97/13 ^a	N2912	NAFO SECRETARIAT. A compilation of research vessel survey on a stock-by-stock basis.
97/14 ^a	N2913	NAFO. Report of Scientific Council, 4-19 June 1997.
97/15 ^a	N2917	NAFO SECRETARIAT. Tagging activities reported for the Northwest Atlantic in 1996.
97/16 ^b	N2936	ANDERSON, E. D., and R. K. MAYO. United States research report for 1996.
97/17 ^b	N2943	ICES/NAFO WORKING GROUP. Report of the Joint ICES/NAFO Working Group on harp and hooded seals. ICES Headquarters, 28 August-3 September 1997.
97/18 ^b	N2949	NAFO. Report of Scientific Council, Annual Meeting, 7-19 September 1997.
97/19 ^c	N2966	NAFO. Report of Scientific Council, 14-17 November 1997.

^a Scientific Council Meeting, 4-19 June 1997.

^b Scientific Council Annual Meeting, 7-19 September 1997.

^c Scientific Council Meeting, 14-17 November 1997.

[A]

Abundance; abundance index

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 8 (redfish assessment in Div 3M, 1996)
 9 (assessment of *S. marinus* in Div 3M, 1987-96)
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 21 (results of G. halibut trawl survey, 1987-95)
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- SCR 97/ 67 (techniques for ageing of G. halibut otoliths)
 103 (Icelandic shrimp fishery in Denmark St., 1996-97)

American plaice (see Plaice, American)Assessment (general) (see also by specific stocks)

- SCR 97/ 7 (cod stock assessment on Flemish Cap, 1996)
 8 (redfish assessment in Div 3M, 1996)
 9 (assessment of *S. marinus* in Div 3M, 1987-96)
 10 (assessment of G. halibut on Flemish Cap, 1996)
 11 (assessment of roundnose grenadier in SA 0+1, 1986-92)
 46 (catch rate data as an index of cod abundance, Div 2J+3KL)
 50 (assessment of cod in Div 3M)

- SCR 97/ 52 (assessment of G. halibut in SA 2 and Div 3KLMNO)
 53 (assessment of G. halibut in SA 0 and Div 1B-F)
 55 (assessment of other finfish in SA 1)
 56 (assessment of redfish in SA 1)
 60 (assessment of A. plaice in Div 3LNO)
 69 (assessment of S. hake population in Div 4VWX, 1996)
 72 (assessment of yellowtail, Div 3LNO)
 78 (assessment of inshore G. halibut, Div 1A)
 93 (biomass, length, growth of shrimp Div 3L, 1997)
 106 (assessment of shrimp in Denmark St., 1997)

- SCS 97/ 1 (Canadian request for scientific advice for 1998)
 2 (Denmark-Greenland request for sci. advice for 1998)

Cod (Divisions 2J, 3K and 3L)

- SCR 97/ 40 (prey consumption by seals in the NW Atlantic)
 41 (juvenile surveys of cod, Newfoundland region, 1994-96)
 43 (catches of cod and temperature in autumn, Div 2J+3KL)
 46 (catch rate data as an index of cod abundance, Div 2J+3KL)
 49 (inshore acoustic survey of cod, Div 3L)
 57 (biomass and age composition of cod in Div 2J+3KL)
 59 (stock status of cod in Div 2J+3KL)
 62 (size & condition of cod in Div 2J+3KL)
 63 (overview of environmental conditions, NW Atlantic, 1996)

Cod (Division 3M)

- SCR 97/ 7 (cod stock assessment on Flemish Cap, 1996)
 18 (maturity and biomass of cod on Flemish Cap)
 28 (results of bottom trawl survey, Flemish Cap, Jul 1996)
 42 (Canadian research vessel survey on Flemish Cap, 1996)
 50 (assessment of cod in Div 3M)

- SCS 97/ 3 (Russian research report for 1996)
 4 (German research report for 1996)
 9 (Portuguese research report for 1996)

Cod (Divisions 3N and 3O)

- SCR 97/ 25 (results of Spanish trawl survey, Div 3NO, 1997)
 68 (comparative fishing trials, 1996)
 70 (assessment of cod stock in Div 3NO)
 73 (conversion factors from comparative fishing on research vessels)

- SCS 97/ 9 (Portuguese research report for 1996)
 10 (Spanish research report for 1996)

Redfish (Subarea 1)

- SCR 97/ 5 (demersal fish & temperature off Greenland, 1982-96)
 39 (demersal stocks off W Greenland from trawl surveys, 1988-96)
 56 (assessment of redfish in SA 1)

- SCS 97/ 4 (German research report for 1996)
 11 (Denmark-Greenland research report for 1996)

Redfish (Division 3M)

- SCR 97/ 8 (redfish assessment in Div 3M, 1996)
 9 (assessment of *S. marinus* in Div 3M, 1987-96)
 28 (results of bottom trawl survey, Flemish Cap, Jul 1996)
 42 (Canadian research vessel survey on Flemish Cap, 1996)
 44 (status of redfish stocks in Div 3M, 1996)
 79 (rationale for management advice for redfish, Div 3M)
 80 (bycatch in the Iceland shrimp fishery, Div 3M, 1996-97)

- SCS 97/ 3 (Russian research report for 1996)
 8 (Japanese research report for 1996)
 9 (Portuguese research report for 1996)
 11 (Denmark-Greenland research report for 1996)

Redfish (Divisions 3L and 3N)

- SCR 97/ 64 (status of redfish in Div 3LN)

- SCS 97/ 3 (Russian research report for 1996)
8 (Japanese research report for 1996)
9 (Portuguese research report for 1996)

Silver hake (Divisions 4V, 4W and 4X)

- SCR 97/ 1 (reliability of Cdn estimates of S. hake, 1985 & 96)
3 (cod, haddock, pollock recruitment & S. hake abundance, SA 4)
47 (catch rates of S. hake on Scotian Shelf)
51 (effect of separator grates on S. hake catch rate)
54 (development of Canadian S. hake fishery, 1987-96)
69 (assessment of S. hake population in Div 4VWX, 1996)
75 (growth & condition of S. hake, Div 4VWX, 1970-96)

- SCS 97/ 3 (Russian research report for 1996)

American plaice (Divisions 3L, 3N and 3O)

- SCR 97/ 25 (results of Spanish trawl survey, Div 3NO, 1997)
60 (assessment of A. plaice in Div 3LNO)

- SCS 97/ 9 (Portuguese research report for 1996)
10 (Spanish research report for 1996)

American plaice (Division 3M)

- SCR 97/ 28 (results of bottom trawl survey, Flemish Cap, Jul 1996)
42 (Canadian research vessel survey on Flemish Cap, 1996)
45 (assessment of A. plaice in Div 3M)

- SCS 97/ 9 (Portuguese research report for 1996)
10 (Spanish research report for 1996)

Witch flounder (Divisions 3N and 3O)

- SCR 97/ 24 (Spanish fishery for witch flounder, Div 3LMNO, 1991-94)
25 (results of Spanish trawl survey, Div 3NO, 1997)
65 (distribution & abundance of witch in Div 3NO)

Yellowtail flounder (Divisions 3L, 3N and 3O)

- SCR 97/ 25 (results of Spanish trawl survey, Div 3NO, 1997)
31 (results of yellowtail flo. surveys, Div 3NO)
71 (yellowtail maturity, recruitment, SSB on Grand Bank)
72 (assessment of yellowtail, Div 3LNO)

- SCS 97/ 7 (Canadian research report for 1996)

Greenland halibut (Subarea 0 and Divisions 1B-F)

- SCR 97/ 21 (results of G. halibut trawl survey, 1987-95)
38 (exploratory fishery for G. halibut, Div 0A, 1996)
39 (demersal stocks off W Greenland from trawl surveys, 1988-96)
48 (G. halibut tagging experiments in Cumberland Sound, 1997)
53 (assessment of G. halibut in SA 0 and Div 1B-F)

- SCS 97/ 3 (Russian research report for 1996)
4 (German research report for 1996)
7 (Canadian research report for 1996)
8 (Japanese research report for 1996)
11 (Denmark-Greenland research report for 1996)

Greenland halibut (Division 1A)

- SCR 97/ 39 (demersal stocks off W Greenland from trawl surveys, 1988-96)
53 (assessment of G. halibut in SA 0 and Div 1B-F)
78 (assessment of inshore G. halibut, Div 1A)

- SCS 97/ 11 (Denmark-Greenland research report for 1996)

Greenland halibut (Subarea 2 and Divisions 3KLMNO)

- SCR 97/ 10 (assessment of G. halibut on Flemish Cap, 1996)
16 (length/weight relationships of G. halibut, Div 3LMNO)
23 (results of bottom trawl survey, Div 2GH, 1996)

- SCR 97/ 25 (results of Spanish trawl survey, Div 3NO, 1997)
27 (variation in G. halibut females ratio, Div 0B, 2GH, 3KLM)
28 (results of bottom trawl survey, Flemish Cap, Jul 1996)
30 (comparison of research vessel surveys, Div 2GH, 1996)
34 (influence of latitude on catchability of G. halibut)
35 (yields & mean lengths of G. halibut in Div 3LMNO)
36 (diurnal variation of G. halibut, Div 3LMN, 1991-94)
52 (assessment of G. halibut in SA 2 and Div 3KLMNO)

- SCS 97/ 3 (Russian research report for 1996)
4 (German research report for 1996)
8 (Japanese research report for 1996)
9 (Portuguese research report for 1996)
10 (Spanish research report for 1996)

Roundnose grenadier (Subareas 0+1)

- SCR 97/ 11 (assessment of roundnose grenadier in SA 0+1, 1986-92)
22 (results of roundnose grenadier trawl survey, 1987-95)

- SCS 97/ 3 (Russian research report for 1996)
4 (German research report for 1996)
11 (Denmark-Greenland research report for 1996)

Roundnose grenadier (Subareas 2+3)

- SCR 97/ 23 (results of bottom trawl survey, Div 2GH, 1996)
74 (status of roundnose grenadier in SA 2+3)

- SCS 97/ 10 (Spanish research report for 1996)

Other finfishes (Subarea 1)

- SCR 97/ 5 (demersal assemblages & temperature off Greenland, 1982-96)
39 (demersal stocks off W Greenland from trawl surveys, 1988-96)
55 (assessment of other finfish in SA 1)

- SCS 97/ 4 (German research report for 1996)
11 (Denmark-Greenland research report for 1996)

Shrimp (Division 3M)

- SCR 97/ 2 (Russian shrimp catches from Flemish Cap, 1995-96)
81 (research trawl survey for shrimp in Div 3M, 1996)
82 (shrimp fishery in Div 3M, 1993-97)
83 (Canadian shrimp fishery in Div 3M, 1993-97)
84 (oceanographic conditions on Flemish Cap, summer 1997)
85 (Icelandic shrimp fishery on Flemish Cap, 1993-97)
87 (shrimp on Flemish Cap from surveys, 1988-96)
88 (shrimp on Flemish Cap, Jul-Aug, 1997)
89 (Spanish shrimp fishery on Flemish Cap, 1997)
90 (biomass, length, growth of shrimp on Flemish Cap, 1997)
91 (stock & production potential of shrimp in Div 3M)
95 (biomass of female shrimp on Flemish Cap)

Shrimp (Subareas 0+1)

- SCR 97/ 96 (biomass and distribution of shrimp at Greenland, 1982-96)
98 (Greenland shrimp fishery off W Greenland, 1970-97)
99 (trawl survey for shrimp, inshore W Greenland, 1997)
100 (Canadian shrimp fishery in Div 0A + SA 1, 1979-97)
101 (trawl survey for shrimp SA 0+1, 1997)
104 (age-at-length for shrimp in Disko Bay, SA 1)
105 (year-class strength of shrimp in a commercial fishery)

Shrimp (Denmark Strait)

- SCR 97/ 97 (Greenland shrimp fishery in Denmark St., 1996-97)
102 (shrimp catch stats in Denmark St., 1980-97)
103 (Icelandic shrimp fishery in Denmark St., 1996-97)
106 (assessment of shrimp in Denmark St., 1997)

Atlantic cod (see Cod, Atlantic)

Atlantic Ocean, Northeast

- SCR 97/ 4 (climatic conditions around Greenland, 1996)
- 32 (evaluation of closed areas as a management tool)

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

- SCR 97/ 4 (climatic conditions around Greenland, 1996)
- 14 (MEDS report for 1996)
- 40 (prey consumption by seals in the NW Atlantic)
- SCS 97/ 1 (Canadian request for scientific advice for 1998)
- 2 (Denmark-Greenland request for sci. advice for 1998)
- 3 (Russian research report for 1996)
- 4 (German research report for 1996)
- 6 (list of biological sampling for 1995)
- 7 (Canadian research report for 1996)
- 8 (Japanese research report for 1996)
- 9 (Portuguese research report for 1996)
- 10 (Spanish research report for 1996)
- 11 (Denmark-Greenland research report for 1996)
- 13 (research vessel surveys by stock)
- 15 (tagging activities reported in 1996)
- 16 (United States research report for 1996)
- 17 (report of ICES/NAFO Working Group on seals)

Atlantic redfishes (see Redfishes, Atlantic)

Atmosphere

- SCR 97/ 4 (climatic conditions around Greenland, 1996)
- 63 (overview of environmental conditions, NW Atlantic, 1996)

[B]

Baffin Bay

- SCR 97/ 4 (climatic conditions around Greenland, 1996)

Baffin Island

- SCR 97/ 38 (exploratory fishery for G. halibut, Div 0A, 1996)
- 100 (Canadian shrimp fishery in Div 0A + SA 1, 1979-97)

Barents Sea

- SCR 97/ 34 (influence of latitude on catchability of G. halibut)
- 91 (stock & production potential of shrimp in Div 3M)
- 94 (fecundity of shrimp on Flemish Cap, 1996)

Biological characteristics

- SCR 97/ 2 (Russian shrimp catches from Flemish Cap, 1995-96)
- 89 (Spanish shrimp fishery on Flemish Cap, 1997)
- 106 (assessment of shrimp in Denmark St., 1997)

Biomass (see also Abundance; Stock size)

- SCR 97/ 1 (reliability of Cdn estimates of S. hake, 1985 & 96)
- 5 (demersal assemblages & temperature off Greenland, 1982-96)
- 7 (cod stock assessment on Flemish Cap, 1996)
- 8 (redfish assessment in Div 3M, 1996)
- 9 (assessment of *S. marinus* in Div 3M, 1987-96)
- 10 (assessment of G. halibut on Flemish Cap, 1996)
- 11 (assessment of roundnose grenadier in SA 0+1, 1986-92)
- 18 (maturity and biomass of cod on Flemish Cap)
- 21 (results of G. halibut trawl survey, 1987-95)
- 22 (results of roundnose grenadier trawl survey, 1987-95)
- 25 (results of Spanish trawl survey, Div 3NO, 1997)
- 28 (results of bottom trawl survey, Flemish Cap, Jul 1996)
- 30 (comparison of research vessel surveys, Div 2GH, 1996)
- 33 (yield-per-recruit for G. halibut in SA 2+3)
- 38 (exploratory fishery for G. halibut, Div 0A, 1996)
- 39 (demersal stocks off W Greenland from trawl surveys, 1988-96)

- SCR 97/ 45 (assessment of A. plaice in Div 3M)
- 49 (inshore acoustic survey of cod, Div 3L)
- 52 (assessment of G. halibut in SA 2 and Div 3KLMNO)
- 53 (assessment of G. halibut in SA 0 and Div 1B-F)
- 55 (assessment of other finfish in SA 1)
- 57 (biomass and age composition of cod in Div 2J+3KL)
- 58 (age structure of roughhead grenadier on Flemish Cap, 1996)
- 59 (stock status of cod in Div 2J+3KL)
- 60 (assessment of A. plaice in Div 3LNO)
- 61 (stock status of witch in Div 2J+3KL)
- 65 (distribution & abundance of witch in Div 3NO)
- 70 (assessment of cod stock in Div 3NO)
- 71 (yellowtail maturity, recruitment, SSB on Grand Bank)
- 72 (assessment of yellowtail, Div 3LNO)
- 74 (status of roundnose grenadier in SA 2+3)
- 79 (rationale for management advice for redfish, Div 3M)
- 81 (research trawl survey for shrimp in Div 3M, 1996)
- 87 (shrimp on Flemish Cap from surveys, 1988-96)
- 88 (shrimp on Flemish Cap, Jul-Aug, 1997)
- 90 (biomass, length, growth of shrimp on Flemish Cap, 1997)
- 91 (stock & production potential of shrimp in Div 3M)
- 93 (biomass, length, growth of shrimp Div 3L, 1997)
- 95 (biomass of female shrimp on Flemish Cap)
- 96 (biomass and distribution of shrimp at Greenland, 1982-96)
- 99 (trawl survey for shrimp, inshore W Greenland, 1997)
- 101 (trawl survey for shrimp SA 0+1, 1997)
- 108 (variations in catch of shrimp by depth, W Greenland, 1997)

Buoys

- SCR 97/ 14 (MEDS report for 1996)

By-catch

- SCR 97/ 24 (Spanish fishery for witch flounder, Div 3LMNO, 1991-94)
- 44 (status of redfish stocks in Div 3M, 1996)
- 45 (assessment of A. plaice in Div 3M)
- 54 (development of Canadian S. hake fishery, 1987-96)
- 58 (age structure of roughhead grenadier on Flemish Cap, 1996)
- 80 (bycatch in the Iceland shrimp fishery, Div 3M, 1996-97)
- 83 (Canadian shrimp fishery in Div 3M, 1993-97)
- 86 (Greenlandic shrimp fishery on Flemish Cap, 1996)

[C]

Canada

- SCR 97/ 23 (results of bottom trawl survey, Div 2GH, 1996)
- 30 (comparison of research vessel surveys, Div 2GH, 1996)
- 31 (results of yellowtail flo. surveys, Div 3NO)
- 42 (Canadian research vessel survey on Flemish Cap, 1996)
- 57 (biomass and age composition of cod in Div 2J+3KL)
- 66 (fishing power of Canadian survey vessels & trawls)
- 68 (comparative fishing trials, 1996)
- 73 (conversion factors from comparative fishing on research vessels)
- 81 (research trawl survey for shrimp in Div 3M, 1996)
- 83 (Canadian shrimp fishery in Div 3M, 1993-97)
- 91 (stock & production potential of shrimp in Div 3M)
- 100 (Canadian shrimp fishery in Div 0A + SA 1, 1979-97)

- SCS 97/ 1 (Canadian request for scientific advice for 1998)
- 7 (Canadian research report for 1996)

Catch: catch/effort

- SCR 97/ 24 (Spanish fishery for witch flounder, Div 3LMNO, 1991-94)
- 31 (results of yellowtail flo. surveys, Div 3NO)
- 38 (exploratory fishery for G. halibut, Div 0A, 1996)
- 45 (assessment of A. plaice in Div 3M)
- 46 (catch rate data as an index of cod abundance, Div 2J+3KL)
- 47 (catch rates of S. hake on Scotian Shelf)
- 50 (assessment of cod in Div 3M)
- 51 (effect of separator grates on S. hake catch rate)
- 52 (assessment of G. halibut in SA 2 and Div 3KLMNO)

- SCR 97/ 53 (assessment of G. halibut in SA 0 and Div 1B-F)
 54 (development of Canadian S. hake fishery, 1987-96)
 55 (assessment of other finfish in SA 1)
 56 (assessment of redfish in SA 1)
 59 (stock status of cod in Div 2J+3KL)
 61 (stock status of witch in Div 2J+3KL)
 64 (status of redfish in Div 3LN)
 65 (distribution & abundance of witch in Div 3NO)
 69 (assessment of S. hake population in Div 4VWX, 1996)
 70 (assessment of cod stock in Div 3NO)
 72 (assessment of yellowtail, Div 3LNO)
 74 (status of roundnose grenadier in SA 2+3)
 78 (assessment of inshore G. halibut, Div 1A)
 82 (shrimp fishery in Div 3M, 1993-97)
 83 (Canadian shrimp fishery in Div 3M, 1993-97)
 85 (Icelandic shrimp fishery on Flemish Cap, 1993-97)
 86 (Greenlandic shrimp fishery on Flemish Cap, 1996)
 89 (Spanish shrimp fishery on Flemish Cap, 1997)
 90 (biomass, length, growth of shrimp on Flemish Cap, 1997)
 91 (stock & production potential of shrimp in Div 3M)
 95 (biomass of female shrimp on Flemish Cap)
 97 (Greenland shrimp fishery in Denmark St., 1996-97)
 98 (Greenland shrimp fishery off W Greenland, 1970-97)
 100 (Canadian shrimp fishery in Div 0A + SA 1, 1979-97)
 102 (shrimp catch stats in Denmark St., 1980-97)
 106 (assessment of shrimp in Denmark St., 1997)
 107 (survey for shrimp in shallow water, SA 1, 1991)

Climate

- SCR 97/ 4 (climatic conditions around Greenland, 1996)
 12 (Russian/German 4th data evaluation, Davis St./Labrador)

Cod, Atlantic (*Gadus morhua*) (see also specific stock)

- SCR 97/ 3 (cod, haddock, pollock recruitment & S. hake abundance, SA 4)
 5 (demersal assemblages & temperature off Greenland, 1982-96)
 7 (cod stock assessment on Flemish Cap, 1996)
 18 (maturity and biomass of cod on Flemish Cap)
 25 (results of Spanish trawl survey, Div 3NO, 1997)
 28 (results of bottom trawl survey, Flemish Cap, Jul 1996)
 39 (demersal stocks off W Greenland from trawl surveys, 1988-96)
 40 (prey consumption by seals in the NW Atlantic)
 41 (juvenile surveys of cod, Newfoundland region, 1994-96)
 42 (Canadian research vessel survey on Flemish Cap, 1996)
 43 (catches of cod and temperature in autumn, Div 2J+3KL)
 46 (catch rate data as an index of cod abundance, Div 2J+3KL)
 49 (inshore acoustic survey of cod, Div 3L)
 50 (assessment of cod in Div 3M)
 57 (biomass and age composition of cod in Div 2J+3KL)
 59 (stock status of cod in Div 2J+3KL)
 62 (size & condition of cod in Div 2J+3KL)
 63 (overview of environmental conditions, NW Atlantic, 1996)
 68 (comparative fishing trials, 1996)
 70 (assessment of cod stock in Div 3NO)
 73 (conversion factors from comparative fishing on res. vessels)
 77 (biological reference points in Gulf of St. Lawrence cod)

Commercial fisheries

- SCR 97/ 3 (cod, haddock, pollock recruitment & S. hake abundance, SA 4)
 15 (length/weight relationships for some fish, Div 3LMNO)
 47 (catch rates of S. hake on Scotian Shelf)
 54 (development of Canadian S. hake fishery, 1987-96)

Conversion factors

- SCR 97/ 68 (comparative fishing trials, 1996)
 73 (conversion factors from comparative fishing on res. vessels)

Coryphaenoides rupestris (see Grenadier, roundnose)

Currents (water circulation)

- SCR 97/ 17 (hydrographic conditions on the Flemish Cap, 1996)
 84 (oceanographic conditions on Flemish Cap, summer 1997)

[D]

Davis Strait

- SCR 97/ 12 (Russian/German 4th data evaluation, Davis St./Labrador)
 78 (assessment of inshore G. halibut, Div 1A)

Denmark

- SCR 97/ 102 (shrimp catch stats in Denmark St., 1980-97)

Denmark (in respect of the Faroe Islands and Greenland) (see under Faroe Islands and Greenland)

Denmark Strait

- SCR 97/ 97 (Greenland shrimp fishery in Denmark St., 1996-97)
 102 (shrimp catch stats in Denmark St., 1980-97)
 103 (Icelandic shrimp fishery in Denmark St., 1996-97)
 106 (assessment of shrimp in Denmark St., 1997)

Depth

- SCR 97/ 22 (results of roundnose grenadier trawl survey, 1987-95)
 36 (diurnal variation of G. halibut, Div 3LMN, 1991-94)
 37 (feeding of G. halibut, Div 3LMNO, 1991-94)
 44 (status of redfish stocks in Div 3M, 1996)
 72 (assessment of yellowtail, Div 3LNO)
 85 (Icelandic shrimp fishery on Flemish Cap, 1993-97)
 101 (trawl survey for shrimp SA 0+1, 1997)
 108 (variations in catch of shrimp by depth, W Greenland, 1997)

Discards (fish discarded at sea)

- SCR 97/ 83 (Canadian shrimp fishery in Div 3M, 1993-97)
 86 (Greenlandic shrimp fishery on Flemish Cap, 1996)
 89 (Spanish shrimp fishery on Flemish Cap, 1997)

Distribution (see also Abundance)

- SCR 97/ 9 (assessment of *S. marinus* in Div 3M, 1987-96)
 22 (results of roundnose grenadier trawl survey, 1987-95)
 23 (results of bottom trawl survey, Div 2GH, 1996)
 24 (Spanish fishery for witch flounder, Div 3LMNO, 1991-94)
 28 (results of bottom trawl survey, Flemish Cap, Jul 1996)
 30 (comparison of research vessel surveys, Div 2GH, 1996)
 31 (results of yellowtail flo. surveys, Div 3NO)
 40 (prey consumption by seals in the NW Atlantic)
 43 (catches of cod and temperature in autumn, Div 2J+3KL)
 44 (status of redfish stocks in Div 3M, 1996)
 52 (assessment of G. halibut in SA 2 and Div 3KLMNO)
 53 (assessment of G. halibut in SA 0 and Div 1B-F)
 61 (stock status of witch in Div 2J+3KL)
 65 (distribution & abundance of witch in Div 3NO)
 72 (assessment of yellowtail, Div 3LNO)
 74 (status of roundnose grenadier in SA 2+3)
 78 (assessment of inshore G. halibut, Div 1A)
 81 (research trawl survey for shrimp in Div 3M, 1996)
 83 (Canadian shrimp fishery in Div 3M, 1993-97)
 85 (Icelandic shrimp fishery on Flemish Cap, 1993-97)
 86 (Greenlandic shrimp fishery on Flemish Cap, 1996)
 87 (shrimp on Flemish Cap from surveys, 1988-96)
 92 (feeding of redfish in the N Atlantic)
 93 (biomass, length, growth of shrimp Div 3L, 1997)
 96 (biomass and distribution of shrimp at Greenland, 1982-96)
 97 (Greenland shrimp fishery in Denmark St., 1996-97)
 98 (Greenland shrimp fishery off W Greenland, 1970-97)
 100 (Canadian shrimp fishery in Div 0A + SA 1, 1979-97)
 101 (trawl survey for shrimp SA 0+1, 1997)

- SCR 97/ 104 (age-at-length for shrimp in Disko Bay, SA 1)
 105 (year-class strength of shrimp in a commercial fishery)
 107 (survey for shrimp in shallow water, SA 1, 1991)

Diurnal effects

- SCR 97/ 36 (diurnal variation of *G. halibut*, Div 3LMN, 1991-94)

[E]

East Greenland Area (see Greenland, East)Echo sounding (see Acoustics)Ecology (see Environment)Effort (see catch)Eggs; Ova

- SCR 97/ 18 (maturity and biomass of cod on Flemish Cap)
 94 (fecundity of shrimp on Flemish Cap, 1996)

Environment (see also specific subject headings)

- SCR 97/ 3 (cod, haddock, pollock recruitment & s hake abundance, SA 4)
 4 (climatic conditions around Greenland, 1996)
 5 (demersal assemblages & temperature off Greenland, 1982-96)
 6 (water temperature & salinity, Mid-Atlantic Bight, 1996)
 13 (variability of water off W Greenland & Labrador, 1950-89)
 14 (MEDS report for 1996)
 17 (hydrographic conditions on the Flemish Cap, 1996)
 29 (environmental conditions on Newfoundland Shelf, spring 1997)
 63 (overview of environmental conditions, NW Atlantic, 1996)

European Union (see also individual countries)

- SCR 97/ 17 (hydrographic conditions on the Flemish Cap, 1996)
 18 (maturity and biomass of cod on Flemish Cap)
 20 (reproductive biology of roughhead grenadier, Div 3MNL)
 28 (results of bottom trawl survey, Flemish Cap, Jul 1996)

[F]

Faroe Islands (Denmark in respect of Faroe Islands)

- SCR 97/ 90 (biomass, length, growth of shrimp on Flemish Cap, 1997)
 93 (biomass, length, growth of shrimp Div 3L, 1997)
 102 (shrimp catch stats in Denmark St., 1980-97)

Fecundity

- SCR 97/ 20 (reproductive biology of roughhead grenadier, Div 3MNL)
 94 (fecundity of shrimp on Flemish Cap, 1996)

Feeding; Food

- SCR 97/ 37 (feeding of *G. halibut*, Div 3LMNO, 1991-94)
 40 (prey consumption by seals in the NW Atlantic)
 92 (feeding of redfish in the N Atlantic)

Finfishes (see specific names) (see also specific stock)Fishing effort (see Catch)Fishing gear (see also specific gears)

- SCR 97/ 51 (effect of separator grates on *S. hake* catch rate)
 66 (fishing power of Canadian survey vessels & trawls)
 68 (comparative fishing trials, 1996)
 73 (conversion factors from comparative fishing on res. vessels)
 80 (by-catch in the Iceland shrimp fishery, Div 3M, 1996-97)
 91 (stock & production potential of shrimp in Div 3M)

Flemish Cap (Division 3M)

- SCR 97/ 2 (Russian shrimp catches from Flemish Cap, 1995-96)
 7 (cod stock assessment on Flemish Cap, 1996)
 8 (redfish assessment in Div 3M, 1996)
 9 (assessment of *S. marinus* in Div 3M, 1987-96)
 10 (assessment of *G. halibut* on Flemish Cap, 1996)
 15 (length/weight relationships for some fish, Div 3LMNO)
 16 (length/weight relationships of *G. halibut*, Div 3LMNO)
 17 (hydrographic conditions on the Flemish Cap, 1996)
 18 (maturity and biomass of cod on Flemish Cap)
 28 (results of bottom trawl survey, Flemish Cap, Jul 1996)
 35 (yields & mean lengths of *G. halibut* in Div 3LMNO)
 42 (Canadian research vessel survey on Flemish Cap, 1996)
 44 (status of redfish stocks in Div 3M, 1996)
 45 (assessment of *A. plaice* in Div 3M)
 50 (assessment of cod in Div 3M)
 58 (age structure of roughhead grenadier on Flemish Cap, 1996)
 79 (rationale for management advice for redfish, Div 3M)
 80 (by-catch in the Iceland shrimp fishery, Div 3M, 1996-97)
 81 (research trawl survey for shrimp in Div 3M, 1996)
 82 (shrimp fishery in Div 3M, 1993-97)
 83 (Canadian shrimp fishery in Div 3M, 1993-97)
 84 (oceanographic conditions on Flemish Cap, summer 1997)
 85 (Icelandic shrimp fishery on Flemish Cap, 1993-97)
 86 (Greenlandic shrimp fishery on Flemish Cap, 1996)
 87 (shrimp on Flemish Cap from surveys, 1988-96)
 88 (shrimp on Flemish Cap, Jul-Aug, 1997)
 89 (Spanish shrimp fishery on Flemish Cap, 1997)
 90 (biomass, length, growth of shrimp on Flemish Cap, 1997)
 91 (stock & production potential of shrimp in Div 3M)
 92 (feeding of redfish in the N Atlantic)
 94 (fecundity of shrimp on Flemish Cap, 1996)
 95 (biomass of female shrimp on Flemish Cap)

Flemish Pass

- SCR 97/ 35 (yields & mean lengths of *G. halibut* in Div 3LMNO)
 37 (feeding of *G. halibut*, Div 3LMNO, 1991-94)

Flounder, witch (*Glyptocephalus cynoglossus*) (see also specific stock)

- SCR 97/ 24 (Spanish fishery for witch flounder, Div 3LMNO, 1991-94)
 25 (results of Spanish trawl survey, Div 3NO, 1997)
 42 (Canadian research vessel survey on Flemish Cap, 1996)
 61 (stock status of witch in Div 2J+3KL)
 65 (distribution & abundance of witch in Div 3NO)

Flounder, yellowtail (*Limanda ferruginea*) (see also specific stock)

- SCR 97/ 25 (results of Spanish trawl survey, Div 3NO, 1997)
 31 (results of yellowtail flo. surveys, Div 3NO)
 71 (yellowtail maturity, recruitment, SSB on Grand Bank)
 72 (assessment of yellowtail, Div 3LNO)

France

- SCR 97/ 102 (shrimp catch stats in Denmark St., 1980-97)

[G]

Gadus morhua (see Cod, Atlantic)Gear selectivity

- SCR 97/ 66 (fishing power of Canadian survey vessels & trawls)

Georges Bank (Subarea 5)

- SCR 97/ 32 (evaluation of closed areas as a management tool)

Germany

- SCR 97/ 12 (Russian/German 4th data evaluation, Davis St./Labrador)
96 (biomass and distribution of shrimp at Greenland, 1982-96)

- SCS 97/ 4 (German research report for 1996)

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

- SCR 97/ 25 (results of Spanish trawl survey, Div 3NO, 1997)
29 (environmental conditions on Newfoundland Shelf, spring 1997)
31 (results of yellowtail flo. surveys, Div 3NO)
37 (feeding of G. halibut, Div 3LMNO, 1991-94)
60 (assessment of A. plaice in Div 3LNO)
63 (overview of environmental conditions, NW Atlantic, 1996)
65 (distribution & abundance of witch in Div 3NO)
70 (assessment of cod stock in Div 3NO)
71 (yellowtail maturity, recruitment, SSB on Grand Bank)
72 (assessment of yellowtail, Div 3LNO)
93 (biomass, length, growth of shrimp Div 3L, 1997)

Greenland (Denmark in respect of Greenland)

- SCR 97/ 21 (results of G. halibut trawl survey, 1987-95)
22 (results of roundnose grenadier trawl survey, 1987-95)
39 (demersal stocks off W Greenland from trawl surveys, 1988-96)
86 (Greenlandic shrimp fishery on Flemish Cap, 1996)
97 (Greenland shrimp fishery in Denmark St., 1996-97)
98 (Greenland shrimp fishery off W Greenland, 1970-97)
99 (trawl survey for shrimp, inshore W Greenland, 1997)
101 (trawl survey for shrimp SA 0+1, 1997)
102 (shrimp catch stats in Denmark St., 1980-97)
106 (assessment of shrimp in Denmark St., 1997)

- SCS 97/ 2 (Denmark-Greenland request for sci. advice for 1998)
11 (Denmark-Greenland research report for 1996)

Greenland, East (see also Denmark Strait)

- SCR 97/ 4 (climatic conditions around Greenland, 1996)
5 (demersal assemblages & temperature off Greenland, 1982-96)
96 (biomass and distribution of shrimp at Greenland, 1982-96)

Greenland, West (Subarea 1)

- SCR 97/ 4 (climatic conditions around Greenland, 1996)
5 (demersal assemblages & temperature off Greenland, 1982-96)
13 (variability of water off W Greenland & Labrador, 1950-89)
39 (demersal stocks off W Greenland from trawl surveys, 1988-96)
55 (assessment of other finfish in SA 1)
56 (assessment of redfish in SA 1)
78 (assessment of inshore G. halibut, Div 1A)
96 (biomass and distribution of shrimp at Greenland, 1982-96)
98 (Greenland shrimp fishery off W Greenland, 1970-97)
99 (trawl survey for shrimp, inshore W Greenland, 1997)
100 (Canadian shrimp fishery in Div 0A + SA 1, 1979-97)
104 (age-at-length for shrimp in Disko Bay, SA 1)
107 (survey for shrimp in shallow water, SA 1, 1991)
108 (variations in catch of shrimp by depth, W Greenland, 1997)

Greenland halibut (see Halibut, Greenland)Grenadier, roughhead (*Macrourus berglax*)

- SCR 97/ 19 (length-at-maturity of roughhead grenadier, Div 3MNL)
20 (reproductive biology of roughhead grenadier, Div 3MNL)
58 (age structure of roughhead grenadier on Flemish Cap, 1996)

- SCS 97/ 9 (Portuguese research report for 1996)
10 (Spanish research report for 1996)

Grenadier, roundnose (*Coryphaenoides rupestris*) (see also specific stock)

- SCR 97/ 11 (assessment of roundnose grenadier in SA 0+1, 1986-92)
22 (results of roundnose grenadier trawl survey, 1987-95)
23 (results of bottom trawl survey, Div 2GH, 1996)
74 (status of roundnose grenadier in SA 2+3)

Groundfish (see also common names)

- SCR 97/ 42 (Canadian research vessel survey on Flemish Cap, 1996)

Growth

- SCR 97/ 34 (influence of latitude on catchability of G. halibut)
41 (juvenile surveys of cod, Newfoundland region, 1994-96)
62 (size & condition of cod in Div 2J+3KL)
75 (growth & condition of S. hake, Div 4VWX, 1970-96)
90 (biomass, length, growth of shrimp on Flemish Cap, 1997)

Gulf of Maine (Division 5Y)

- SCR 97/ 6 (water temperature & salinity, Mid-Atlantic Bight, 1996)
63 (overview of environmental conditions, NW Atlantic, 1996)

Gulf of St. Lawrence (Div. 4RST)

- SCR 97/ 63 (overview of environmental conditions, NW Atlantic, 1996)
77 (biological reference points in Gulf of St. Lawrence cod)

[H]

Haddock (*Melanogrammus aeglefinus*)

- SCR 97/ 3 (cod, haddock, pollock recruitment & S. hake abundance, SA 4)
32 (evaluation of closed areas as a management tool)

Hails

- SCR 97/ 100 (Canadian shrimp fishery in Div 0A + SA 1, 1979-97)

Hake, silver (*Merluccius bilinearis*) (see also specific stock)

- SCR 97/ 1 (reliability of Cdn estimates of S. hake, 1985 & 96)
3 (cod, haddock, pollock recruitment & S. hake abundance, SA 4)
47 (catch rates of S. hake on Scotian Shelf)
51 (effect of separator grates on S. hake catch rate)
54 (development of Canadian S. hake fishery, 1987-96)
69 (assessment of S. hake population in Div 4VWX, 1996)
75 (growth & condition of S. hake, Div 4VWX, 1970-96)

Halibut, Greenland (*Reinhardtius hippoglossoides*) (see also specific stock)

- SCR 97/ 10 (assessment of G. halibut on Flemish Cap, 1996)
16 (length/weight relationships of G. halibut, Div 3LMNO)
21 (results of G. halibut trawl survey, 1987-95)
23 (results of bottom trawl survey, Div 2GH, 1996)
25 (results of Spanish trawl survey, Div 3NO, 1997)
27 (variation in G. halibut females ratio, Div 0B, 2GH, 3KLM)
28 (results of bottom trawl survey, Flemish Cap, Jul 1996)
30 (comparison of research vessel surveys, Div 2GH, 1996)
33 (yield-per-recruit for G. halibut in SA 2+3)
34 (influence of latitude on catchability of G. halibut)
35 (yields & mean lengths of G. halibut in Div 3LMNO)
36 (diurnal variation of G. halibut, Div 3LMN, 1991-94)
37 (feeding of G. halibut, Div 3LMNO, 1991-94)
38 (exploratory fishery for G. halibut, Div 0A, 1996)
39 (demersal stocks off W Greenland from trawl surveys, 1988-96)
48 (G. halibut tagging experiments in Cumberland Sound, 1997)
52 (assessment of G. halibut in SA 2 and Div 3KLMNO)
53 (assessment of G. halibut in SA 0 and Div 1B-F)
67 (techniques for ageing of G. halibut otoliths)
76 (post-escapement mortality in G. halibut trawl fishery)

- SCR 97/ 78 (assessment of inshore G. halibut, Div 1A)
80 (bycatch in the Iceland shrimp fishery, Div 3M, 1996-97)
108 (variations in catch of shrimp by depth, W Greenland, 1997)

Hippoglossoides platessoides (see Plaice, American)

Hydroacoustics (see Acoustics)

Histology

- SCR 97/ 18 (maturity and biomass of cod on Flemish Cap)
19 (length-at-maturity of roughhead grenadier, Div 3MNL)
20 (reproductive biology of roughhead grenadier, Div 3MNL)

Hydrography (see also specific subjects)

- SCR 97/ 17 (hydrographic conditions on the Flemish Cap, 1996)

[I]

Ice: Icebergs

- SCR 97/ 29 (environmental conditions on Newfoundland Shelf, spring 1997)
63 (overview of environmental conditions, NW Atlantic, 1996)

Iceland

- SCR 97/ 80 (bycatch in the Iceland shrimp fishery, Div 3M, 1996-97)
85 (Icelandic shrimp fishery on Flemish Cap, 1993-97)
102 (shrimp catch stats in Denmark St., 1980-97)
103 (Icelandic shrimp fishery in Denmark St., 1996-97)
106 (assessment of shrimp in Denmark St., 1997)

Inshore (see also respective areas)

- SCR 97/ 49 (inshore acoustic survey of cod, Div 3L)
78 (assessment of inshore G. halibut, Div 1A)
99 (trawl survey for shrimp, inshore W Greenland, 1997)

Irminger Sea

- SCR 97/ 13 (variability of water off W Greenland & Labrador, 1950-89)
92 (feeding of redfish in the N Atlantic)

[J]

Japan

- SCR 97/ 21 (results of G. halibut trawl survey, 1987-95)
22 (results of roundnose grenadier trawl survey, 1987-95)
23 (results of bottom trawl survey, Div 2GH, 1996)
30 (comparison of research vessel surveys, Div 2GH, 1996)

- SCS 97/ 8 (Japanese research report for 1996)

Juveniles

- SCR 97/ 41 (juvenile surveys of cod, Newfoundland region, 1994-96)
70 (assessment of cod stock in Div 3NO)

[L]

Labrador area (Subarea 2)

- SCR 97/ 4 (climatic conditions around Greenland, 1996)
12 (Russian/German 4th data evaluation, Davis St./Labrador)
13 (variability of water off W Greenland & Labrador, 1950-89)
30 (comparison of research vessel surveys, Div 2GH, 1996)
43 (catches of cod and temperature in autumn, Div 2J+3KL)
46 (catch rate data as an index of cod abundance, Div 2J+3KL)

- SCR 97/ 57 (biomass and age composition of cod in Div 2J+3KL)
59 (stock status of cod in Div 2J+3KL)
74 (status of roundnose grenadier in SA 2+3)

Length

- SCR 97/ 2 (Russian shrimp catches from Flemish Cap, 1995-96)
5 (demersal assemblages & temperature off Greenland, 1982-96)
8 (redfish assessment in Div 3M, 1996)
10 (assessment of G. halibut on Flemish Cap, 1996)
15 (length/weight relationships for some fish, Div 3LMNO)
16 (length/weight relationships of G. halibut, Div 3LMNO)
19 (length-at-maturity of roughhead grenadier, Div 3MNL)
23 (results of bottom trawl survey, Div 2GH, 1996)
24 (Spanish fishery for witch flounder, Div 3LMNO, 1991-94)
27 (variation in G. halibut females ratio, Div 0B, 2GH, 3KLM)
30 (comparison of research vessel surveys, Div 2GH, 1996)
34 (influence of latitude on catchability of G. halibut)
35 (yields & mean lengths of G. halibut in Div 3LMNO)
38 (exploratory fishery for G. halibut, Div 0A, 1996)
39 (demersal stocks off W Greenland from trawl surveys, 1988-96)
49 (inshore acoustic survey of cod, Div 3L)
54 (development of Canadian S. hake fishery, 1987-96)
58 (age structure of roughhead grenadier on Flemish Cap, 1996)
62 (size & condition of cod in Div 2J+3KL)
65 (distribution & abundance of witch in Div 3NO)
75 (growth & condition of S. hake, Div 4VWX, 1970-96)
83 (Canadian shrimp fishery in Div 3M, 1993-97)
85 (Icelandic shrimp fishery on Flemish Cap, 1993-97)
87 (shrimp on Flemish Cap from surveys, 1988-96)
88 (shrimp on Flemish Cap, Jul-Aug, 1997)
90 (biomass, length, growth of shrimp on Flemish Cap, 1997)
93 (biomass, length, growth of shrimp Div 3L, 1997)
100 (Canadian shrimp fishery in Div 0A + SA 1, 1979-97)
103 (Icelandic shrimp fishery in Denmark St., 1996-97)
104 (age-at-length for shrimp in Disko Bay, SA 1)
105 (year-class strength of shrimp in a commercial fishery)
107 (survey for shrimp in shallow water, SA 1, 1991)
108 (variations in catch of shrimp by depth, W Greenland, 1997)

Limanda ferruginea (see Flounder, yellowtail)

Logbook

- SCR 97/ 85 (Icelandic shrimp fishery on Flemish Cap, 1993-97)
97 (Greenland shrimp fishery in Denmark St., 1996-97)
98 (Greenland shrimp fishery off W Greenland, 1970-97)
100 (Canadian shrimp fishery in Div 0A + SA 1, 1979-97)
103 (Icelandic shrimp fishery in Denmark St., 1996-97)

Longline (see also Fishing gear)

- SCR 97/ 48 (G. halibut tagging experiments in Cumberland Sound, 1997)

[M]

Macrourus berglax (see Grenadier, roughhead)

Management

- SCR 97/ 3 (cod, haddock, pollock recruitment & S. hake abundance, SA 4)
26 (precautionary approach to management, emphasis on USA)
32 (evaluation of closed areas as a management tool)
47 (catch rates of S. hake on Scotian Shelf)
57 (biomass and age composition of cod in Div 2J+3KL)
69 (assessment of S. hake population in Div 4VWX, 1996)
77 (biological reference points in Gulf of St. Lawrence cod)
79 (rationale for management advice for redfish, Div 3M)
- SCS 97/ 1 (Canadian request for scientific advice for 1998)
2 (Denmark-Greenland request for sci. advice for 1998)
12 (report of SC Working Group on precautionary approach)

Maturation, Maturity

- SCR 97/ 2 (Russian shrimp catches from Flemish Cap, 1995-96)
 18 (maturity and biomass of cod on Flemish Cap)
 19 (length-at-maturity of roughhead grenadier, Div 3MNL)
 20 (reproductive biology of roughhead grenadier, Div 3MNL)
 27 (variation in G. halibut females ratio, Div 0B, 2GH, 3KLM)
 33 (yield-per-recruit for G. halibut in SA 2+3)
 70 (assessment of cod stock in Div 3NO)
 71 (yellowtail maturity, recruitment, SSB on Grand Bank)
 72 (assessment of yellowtail, Div 3LNO)

MEDS (Marine Environmental Data Service)

- SCR 97/ 14 (MEDS report for 1996)

Merluccius bilinearis (see Hake, silver)Meteorology

- SCR 97/ 6 (water temperature & salinity, Mid-Atlantic Bight, 1996)
 63 (overview of environmental conditions, NW Atlantic, 1996)

Mid-Atlantic Bight

- SCR 97/ 6 (water temperature & salinity, Mid-Atlantic Bight, 1996)
 63 (overview of environmental conditions, NW Atlantic, 1996)

Mortality

- SCR 97/ 33 (yield-per-recruit for G. halibut in SA 2+3)
 52 (assessment of G. halibut in SA 2 and Div 3KLMNO)
 60 (assessment of A. plaice in Div 3LNO)
 76 (post-escapement mortality in G. halibut trawl fishery)
 78 (assessment of inshore G. halibut, Div 1A)

Multiplicative model (see also under assessments)

- SCR 97/ 52 (assessment of G. halibut in SA 2 and Div 3KLMNO)
 64 (status of redfish in Div 3LN)
 82 (shrimp fishery in Div 3M, 1993-97)
 83 (Canadian shrimp fishery in Div 3M, 1993-97)

[N]

NAFO (Northwest Atlantic Fisheries Organization)

- SCS 97/ 5 (provisional index for 1997 SCR and SCS documents)
 6 (list of biological sampling for 1995)
 12 (report of SC Working Group on precautionary approach)
 13 (research vessel surveys by stock)
 14 (report of Scientific Council Jun 1997 meeting)
 15 (tagging activities reported in 1996)
 17 (report of ICES/NAFO Working Group on seals)
 18 (report of Scientific Council Sep 1997 meeting)
 19 (report of Scientific Council Nov 1997 meeting)

New England Area (Subareas 5 and 6)

- SCR 97/ 6 (water temperature & salinity, Mid-Atlantic Bight, 1996)
 32 (evaluation of closed areas as a management tool)

Newfoundland area (Subarea 3, see also Inshore)

- SCR 97/ 19 (length-at-maturity of roughhead grenadier, Div 3MNL)
 49 (inshore acoustic survey of cod, Div 3L)
 61 (stock status of witch in Div 2J+3KL)
 62 (size & condition of cod in Div 2J+3KL)
 64 (status of redfish in Div 3LN)
 74 (status of roundnose grenadier in SA 2+3)
 90 (biomass, length, growth of shrimp on Flemish Cap, 1997)

Newfoundland Shelf

- SCR 97/ 29 (environmental conditions on Newfoundland Shelf, spring 1997)
 57 (biomass and age composition of cod in Div 2J+3KL)
 59 (stock status of cod in Div 2J+3KL)
 63 (overview of environmental conditions, NW Atlantic, 1996)

Norway

- SCR 97/ 91 (stock & production potential of shrimp in Div 3M)
 102 (shrimp catch stats in Denmark St., 1980-97)

Northwest Atlantic (see Atlantic Ocean, Northwest)

[O]

Observers

- SCR 97/ 35 (yields & mean lengths of G. halibut in Div 3LMNO)
 80 (bycatch in the Iceland shrimp fishery, Div 3M, 1996-97)
 85 (Icelandic shrimp fishery on Flemish Cap, 1993-97)

Oceanography (see also specific areas)

- SCR 97/ 4 (climatic conditions around Greenland, 1996)
 12 (Russian/German 4th data evaluation, Davis St./Labrador)
 13 (variability of water off W Greenland & Labrador, 1950-89)
 14 (MEDS report for 1996)
 29 (environmental conditions on Newfoundland Shelf, spring 1997)
 84 (oceanographic conditions on Flemish Cap, summer 1997)

Otoliths

- SCR 97/ 25 (results of Spanish trawl survey, Div 3NO, 1997)
 30 (comparison of research vessel surveys, Div 2GH, 1996)
 67 (techniques for ageing of G. halibut otoliths)

Oxygen

- SCR 97/ 84 (oceanographic conditions on Flemish Cap, summer 1997)

[P]

Pandalus sp. (see Shrimp)Pandalus borealis (see Shrimp)Plaice, American (Hippoglossoides platessoides) (see also specific stock)

- SCR 97/ 5 (demersal assemblages & temperature off Greenland, 1982-96)
 25 (results of Spanish trawl survey, Div 3NO, 1997)
 28 (results of bottom trawl survey, Flemish Cap, Jul 1996)
 42 (Canadian research vessel survey on Flemish Cap, 1996)
 45 (assessment of A. plaice in Div 3M)
 55 (assessment of other finfish in SA 1)
 60 (assessment of A. plaice in Div 3LNO)

Plaice, North Sea

- SCR 97/ 32 (evaluation of closed areas as a management tool)

Pollock (Pollachius virens)

- SCR 97/ 3 (cod, haddock, pollock recruitment & S. hake abundance, SA 4)

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- SCS 97/ 9 (Portuguese research report for 1996)

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- SCR 97/ 26 (precautionary approach to management, emphasis on USA)
 77 (biological reference points in Gulf of St. Lawrence cod)

SUBJECT INDEX

SCS 97/ 12 (report of SC Working Group on precautionary approach)

Publications

SCS 97/ 5 (provisional index for 1997 SCR and SCS documents)

[Q]

Quotas

SCR 97/ 100 (Canadian shrimp fishery in Div 0A + SA 1, 1979-97)

[R]

Raja sp. (see skates)

Recruitment

SCR 97/ 3 (cod, haddock, pollock recruitment & s hake abundance, SA 4)
 33 (yield-per-recruit for G. halibut in SA 2+3)
 53 (assessment of G. halibut in SA 0 and Div 1B-F)
 59 (stock status of cod in Div 2J+3KL)
 60 (assessment of A. plaice in Div 3LNO)
 64 (status of redfish in Div 3LN)
 70 (assessment of cod stock in Div 3NO)
 71 (yellowtail maturity, recruitment, SSB on Grand Bank)
 72 (assessment of yellowtail, Div 3LNO)
 78 (assessment of inshore G. halibut, Div 1A)

Redfish, American (*Sebastes fasciatus*)

SCR 97/ 8 (redfish assessment in Div 3M, 1996)
 44 (status of redfish stocks in Div 3M, 1996)

Redfishes, Atlantic (*Sebastes sp.*) (see also specific stock)

SCR 97/ 5 (demersal assemblages & temperature off Greenland, 1982-96)
 8 (redfish assessment in Div 3M, 1996)
 28 (results of bottom trawl survey, Flemish Cap, Jul 1996)
 39 (demersal stocks off W Greenland from trawl surveys, 1988-96)
 64 (status of redfish in Div 3LN)
 79 (rationale for management advice for redfish, Div 3M)
 80 (bycatch in the Iceland shrimp fishery, Div 3M, 1996-97)
 92 (feeding of redfish in the N Atlantic)
 108 (variations in catch of shrimp by depth, W Greenland, 1997)

Redfish, beaked (*Sebastes mentella*)

SCR 97/ 8 (redfish assessment in Div 3M, 1996)
 23 (results of bottom trawl survey, Div 2GH, 1996)
 42 (Canadian research vessel survey on Flemish Cap, 1996)
 44 (status of redfish stocks in Div 3M, 1996)
 56 (assessment of redfish in SA 1)
 92 (feeding of redfish in the N Atlantic)

Redfish, golden (*Sebastes marinus*)

SCR 97/ 8 (redfish assessment in Div 3M, 1996)
 9 (assessment of *Sebastes marinus* in Div 3M, 1987-96)
 44 (status of redfish stocks in Div 3M, 1996)
 56 (assessment of redfish in SA 1)

Reinhardtius hippoglossoides (see Halibut, Greenland)

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SCR 97/ 11 (assessment of roundnose grenadier in SA 0+1, 1986-92)
 15 (length/weight relationships for some fish, Div 3LMNO)
 16 (length/weight relationships of G. halibut, Div 3LMNO)
 20 (reproductive biology of roughhead grenadier, Div 3MNL)
 23 (results of bottom trawl survey, Div 2GH, 1996)
 24 (Spanish fishery for witch flounder, Div 3LMNO, 1991-94)
 25 (results of Spanish trawl survey, Div 3NO, 1997)

SCR 97/ 34 (influence of latitude on catchability of G. halibut)
 35 (yields & mean lengths of G. halibut in Div 3LMNO)
 36 (diurnal variation of G. halibut, Div 3LMN, 1991-94)
 52 (assessment of G. halibut in SA 2 and Div 3KLMNO)
 70 (assessment of cod stock in Div 3NO)
 93 (biomass, length, growth of shrimp Div 3L, 1997)

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 56 (assessment of redfish in SA 1)
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 7 (Canadian research report for 1996)
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 9 (Portuguese research report for 1996)
 10 (Spanish research report for 1996)
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 16 (United States research report for 1996)

Roughhead grenadier (see Grenadier, roughhead)

Roundnose grenadier (see Grenadier, roundnose)

Russian Federation (Russia)

SCR 97/ 1 (reliability of Cdn estimates of S. hake, 1985 & 96)
 2 (Russian shrimp catches from Flemish Cap, 1995-96)
 7 (cod stock assessment on Flemish Cap, 1996)
 8 (redfish assessment in Div 3M, 1996)
 9 (assessment of *S. marinus* in Div 3M, 1987-96)
 10 (assessment of G. halibut on Flemish Cap, 1996)
 11 (assessment of roundnose grenadier in SA 0+1, 1986-92)
 12 (Russian/German 4th data evaluation, Davis St./Labrador)

SCS 97/ 3 (Russian research report for 1996)

[S]

STACFEN

SCS 97/ 14 (report of Scientific Council Jun 1997 meeting)

STACFIS

SCS 97/ 14 (report of Scientific Council Jun 1997 meeting)
 18 (report of Scientific Council Sep 1997 meeting)
 19 (report of Scientific Council Nov 1997 meeting)

STACPUB

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 18 (report of Scientific Council Sep 1997 meeting)

STACREC

SCS 97/ 13 (research vessel surveys by stock)
 14 (report of Scientific Council Jun 1997 meeting)
 18 (report of Scientific Council Sep 1997 meeting)

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SCR 97/ 6 (water temperature & salinity, Mid-Atlantic Bight, 1996)
 12 (Russian/German 4th data evaluation, Davis St./Labrador)
 13 (variability of water off W Greenland & Labrador, 1950-89)
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 17 (hydrographic conditions on the Flemish Cap, 1996)
 29 (environmental conditions on Newfoundland Shelf, spring 1997)

- SCR 97/ 63 (overview of environmental conditions, NW Atlantic, 1996)
84 (oceanographic conditions on Flemish Cap, summer 1997)

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- SCR 97/ 15 (length/weight relationships for some fish, Div 3LMNO)
16 (length/weight relationships of G. halibut, Div 3LMNO)
49 (inshore acoustic survey of cod, Div 3L)
62 (size & condition of cod in Div 2J+3KL)
64 (status of redfish in Div 3LN)
92 (feeding of redfish in the N Atlantic)
99 (trawl survey for shrimp, inshore W Greenland, 1997)
100 (Canadian shrimp fishery in Div 0A + SA 1, 1979-97)

- SCS 97/ 6 (list of biological sampling for 1995)

Scientific Council

- SCR 97/ 14 (report of Scientific Council Jun 1997 meeting)
18 (report of Scientific Council Sep 1997 meeting)
19 (report of Scientific Council Nov 1997 meeting)

Scotian Shelf (Div. 4VWX)

- SCR 97/ 3 (cod, haddock, pollock recruitment & S. hake abundance, SA 4)
32 (evaluation of closed areas as a management tool)
47 (catch rates of S. hake on Scotian Shelf)
54 (development of Canadian S. hake fishery, 1987-96)
63 (overview of environmental conditions, NW Atlantic, 1996)
69 (assessment of S. hake population in Div 4VWX, 1996)
75 (growth & condition of S. hake, Div 4VWX, 1970-96)

Seals

- SCR 97/ 40 (prey consumption by seals in the NW Atlantic)

Sebastes sp. (see Redfishes, Atlantic)

Sequential population analysis (SPA) (see also under assessments)

- SCR 97/ 1 (reliability of Cdn estimates of S. hake, 1985 & 96)
59 (stock status of cod in Div 2J+3KL)
69 (assessment of S. hake population in Div 4VWX, 1996)

Sex composition

- SCR 97/ 22 (results of roundnose grenadier trawl survey, 1987-95)
27 (variation in G. halibut females ratio, Div 0B, 2GH, 3KLM)
34 (influence of latitude on catchability of G. halibut)
85 (Icelandic shrimp fishery on Flemish Cap, 1993-97)
87 (shrimp on Flemish Cap from surveys, 1988-96)
88 (shrimp on Flemish Cap, Jul-Aug, 1997)
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95 (biomass of female shrimp on Flemish Cap)
101 (trawl survey for shrimp SA 0+1, 1997)
106 (assessment of shrimp in Denmark St., 1997)

Shrimp (Pandalus sp.) (see also under assessments)

- SCR 97/ 2 (Russian shrimp catches from Flemish Cap, 1995-96)
28 (results of bottom trawl survey, Flemish Cap, Jul 1996)
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97 (Greenland shrimp fishery in Denmark St., 1996-97)
98 (Greenland shrimp fishery off W Greenland, 1970-97)
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- SCR 97/ 5 (demersal assemblages & temperature off Greenland, 1982-96)
55 (assessment of other finfish in SA 1)

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- SCR 97/ 24 (Spanish fishery for witch flounder, Div 3LMNO, 1991-94)
35 (yields & mean lengths of G. halibut in Div 3LMNO)
36 (diurnal variation of G. halibut, Div 3LMN, 1991-94)
89 (Spanish shrimp fishery on Flemish Cap, 1997)

- SCS 97/ 10 (Spanish research report for 1996)

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- SCR 97/ 41 (juvenile surveys of cod, Newfoundland region, 1994-96)

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- SCR 97/ 102 (shrimp catch stats in Denmark St., 1980-97)

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- SCR 97/ 23 (results of bottom trawl survey, Div 2GH, 1996)
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- SCR 97/ 5 (demersal assemblages & temperature off Greenland, 1982-96)
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21 (results of G. halibut trawl survey, 1987-95)
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27 (variation in G. halibut females ratio, Div 0B, 2GH, 3KLM)

- SCR 97/ 28 (results of bottom trawl survey, Flemish Cap, Jul 1996)
 30 (comparison of research vessel surveys, Div 2GH, 1996)
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 66 (fishing power of Canadian survey vessels & trawls)
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 70 (assessment of cod stock in Div 3NO)
 72 (assessment of yellowtail, Div 3LNO)
 73 (conversion factors from comparative fishing on res. vessels)
 75 (growth & condition of S. hake, Div 4VWX, 1970-96)
 78 (assessment of inshore G. halibut, Div 1A)
 81 (research trawl survey for shrimp in Div 3M, 1996)
 87 (shrimp on Flemish Cap from surveys, 1988-96)
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 108 (variations in catch of shrimp by depth, W Greenland, 1997)

- SCR 97/ 13 (research vessel surveys by stock)

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TAC (Total Allowable Catch)

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 53 (assessment of G. halibut in SA 0 and Div 1B-F)
 60 (assessment of A. plaice in Div 3LNO)
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 69 (assessment of S. hake population in Div 4VWX, 1996)
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- SCR 97/ 14 (report of Scientific Council Jun 1997 meeting)
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 19 (report of Scientific Council Nov 1997 meeting)

Tagging (methods, recaptures, returns, etc.)

- SCR 97/ 48 (G. halibut tagging experiments in Cumberland Sound, 1997)
 SCR 97/ 15 (tagging activities reported in 1996)

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- SCR 97/ 4 (climatic conditions around Greenland, 1996)
 5 (demersal assemblages & temperature off Greenland, 1982-96)
 6 (water temperature & salinity, Mid-Atlantic Bight, 1996)
 12 (Russian/German 4th data evaluation, Davis St./Labrador)
 13 (variability of water off W Greenland & Labrador, 1950-89)
 14 (MEDS report for 1996)
 17 (hydrographic conditions on the Flemish Cap, 1996)
 28 (results of bottom trawl survey, Flemish Cap, Jul 1996)
 29 (environmental conditions on Newfoundland Shelf, spring 1997)
 43 (catches of cod and temperature in autumn, Div 2J+3KL)

- SCR 97/ 48 (G. halibut tagging experiments in Cumberland Sound, 1997)
 63 (overview of environmental conditions, NW Atlantic, 1996)
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- SCR 97/ 66 (fishing power of Canadian survey vessels & trawls)
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 76 (post-escapement mortality in G. halibut trawl fishery)
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- SCR 97/ 26 (precautionary approach to management, emphasis on USA)
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- SCR 97/ 14 (MEDS report for 1996)

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- SCR 97/ 15 (length/weight relationships for some fish, Div 3LMNO)
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 45 (assessment of A. plaice in Div 3M)
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 61 (stock status of witch in Div 2J+3KL)
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 69 (assessment of S. hake population in Div 4VWX, 1996)
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 74 (status of roundnose grenadier in SA 2+3)
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 87 (shrimp on Flemish Cap from surveys, 1988-96)
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- SCR 97/ 63 (overview of environmental conditions, NW Atlantic, 1996)

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- SCR 97/ 5 (demersal fish assemblages & temperature off Greenland, 1982-96)
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35 (yields & mean lengths of G. halibut in Div 3LMNO)
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- SCR 97/ 72 (assessment of yellowtail, Div 3LNO)
76 (post-escapement mortality in G. halibut trawl fishery)
78 (assessment of inshore G. halibut, Div 1A)
79 (rationale for management advice for redfish, Div 3M)

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ALPOIM, R. (Portugal)

- SCR 97/ 44 (status of redfish stocks in Div 3M, 1996)
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 58 (age structure of roughhead grenadier on Flemish Cap, 1996)
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 79 (rationale for management advice for redfish, Div 3M)

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ALVAREZ, M. (Spain)

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ANDERSON, E. D. (USA)

SCS 97/ 16 (United States research report for 1996)

ANDERSON, J. T. (Canada)

SCR 97/ 41 (juvenile surveys of cod, Newfoundland region, 1994-96)

ANIKEYEV, V. I. (Russia)

SCR 97/ 2 (Russian shrimp catches from Flemish Cap, 1995-96)

ASCHAN, M. (Norway)

SCR 97/ 91 (stock & production potential of shrimp in Div 3M)

AVILA DE MELO, A. (Portugal)

- SCR 97/ 44 (status of redfish stocks in Div 3M, 1996)
 50 (assessment of cod in Div 3M)
 79 (rationale for management advice for redfish, Div 3M)

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BENWAY, R. L. (USA)

SCR 97/ 6 (water temperature & salinity, Mid-Atlantic Bight, 1996)

BISHOP, C. (Canada)

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BOJE, J. (Greenland)

SCR 97/ 78 (assessment of inshore G. halibut, Div 1A)

BOROVKOV, V. A. (Russia)

- SCR 97/ 12 (Russian/German 4th data evaluation, Davis St./Labrador)
 13 (variability of water off W Greenland & Labrador, 1950-89)

BOVEDA, L. (Spain)

SCR 97/ 89 (Spanish shrimp fishery on Flemish Cap, 1997)

BOWERING, W. R. (Canada)

- SCR 97/ 30 (comparison of research vessel surveys, Div 2GH, 1996)
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BRANTON, R. M. (Canada)

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BRATTEY, J. (Canada)

- SCR 97/ 49 (inshore acoustic survey of cod, Div 3L)
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BRODIE, W. B. (Canada)

- SCR 97/ 30 (comparison of research vessel surveys, Div 2GH, 1996)
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 32 (evaluation of closed areas as a management tool)
 42 (Canadian research vessel survey on Flemish Cap, 1996)
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 68 (comparative fishing trials, 1996)
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BRUNO, I. (Spain)

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BURUKOVSKY, R. N. (Russia)

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CADIGAN, N. (Canada)

SCR 97/ 43 (catches of cod and temperature in autumn, Div 2J+3KL)

CARLSSON, D. M. (Greenland)

- SCR 97/ 99 (trawl survey for shrimp, inshore W Greenland, 1997)
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CASEY, J. (Great Britain)

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CERVINO, S. (Spain)

SCR 97/ 17 (hydrographic conditions on the Flemish Cap, 1996)

COLBOURNE, E. (Canada)

- SCR 97/ 29 (environmental conditions on Newfoundland Shelf, spring 1997)
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COOPER, C. G. (Canada)

- SCR 97/ 51 (effect of separator grates on S. hake catch rate)
 54 (development of Canadian S. hake fishery, 1987-96)

CORNUS, H.-P. (Germany)

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DALLEY, E. L. (Canada)

SCR 97/ 41 (juvenile surveys of cod, Newfoundland region, 1994-96)

DAVIS, M. B. (Canada)

SCR 97/ 70 (assessment of cod stock in Div 3NO)

DE CARDENAS, E. (Spain)

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DEL RIO, J. L. (Spain)

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DOUGHERTY-POUPORE, T. (Canada)

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DRINKWATER, K. F. (Canada)

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DURAN, P. (Spain)

SCR 97/ 24 (Spanish fishery for witch flounder, Div 3LMNO, 1991-94)
 25 (results of Spanish trawl survey, Div 3NO, 1997)

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ENGLESTOFT, J. J. (Greenland)

SCR 97/ 39 (demersal stocks off W Greenland from trawl surveys, 1988-96)

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FOLMER, O. (Greenland)

SCR 97/ 97 (Greenland shrimp fishery in Denmark St., 1996-97)
 98 (Greenland shrimp fishery off W Greenland, 1970-97)

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GIL, J. (Spain)

SCR 97/ 35 (yields & mean lengths of G. halibut in Div 3LMNO)
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GILBERT, D. (Canada)

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GØDO, O. R. (Norway)

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GONZALEZ, C. (Spain)

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GORCHINSKY, K. V. (Russia)

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HALLIDAY, R. (Canada)

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HAMMILL, M. O. (Canada)

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HVINGEL, C. (Greenland)

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JOSSI, J. W. (USA)

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JUNQUERA, S. (Spain)

SCR 97/ 89 (Spanish shrimp fishery on Flemish Cap, 1997)

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KANNEWORFF, P. (Denmark)

SCR 97/ 86 (Greenland shrimp fishery on Flemish Cap, 1996)
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KAWAHARA S. (Japan)

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KISELEVA, V. M. (Russia)

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KULKA, D. W. (Canada)

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[L]

LILLY, G. R. (Canada)SCR 97/ 59 (stock status of cod in Div 2J+3KL)
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MACE, P. M. (USA)

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MATHIAS, J. A. (Canada)SCR 97/ 38 (exploratory fishery for G. halibut, Div 0A, 1996)
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MORGAN, M. J. (Canada)SCR 97/ 42 (Canadian research vessel survey on Flemish Cap, 1996)
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OLSEN, J. B. (Greenland)

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- SCR 97/ 5 (demersal assemblages & temperature off Greenland, 1982-96)
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- SCS 97/ 4 (German research report for 1996)

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- SCR 97/ 1 (reliability of Cdn estimates of S. hake, 1985 & 96)
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- SCS 97/ 3 (Russian research report for 1996)

RIVARD, D. (Canada)

- SCS 97/ 12 (report of SC Working Group on precautionary approach)

RODRIGUEZ-MARIN, E. (Spain)

- SCR 97/ 35 (yields & mean lengths of G. halibut in Div 3LMNO)
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- SCS 97/ 10 (Spanish research report for 1996)

ROMAN, E. (Spain)

- SCR 97/ 15 (length/weight relationships for some fish, Div 3LMNO)
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ROWAT, W. A. (Canada)

- SCS 97/ 1 (Canadian request for scientific advice for 1998)

RUIZ, M. (Spain)

- SCR 97/ 36 (diurnal variation of G. halibut, Div 3LMN, 1991-94)

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SABORIDO-REY, F. (Spain)

- SCR 97/ 18 (maturity and biomass of cod on Flemish Cap)
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SAFRONOV, A. M. (Russia)

- SCR 97/ 2 (Russian shrimp catches from Flemish Cap, 1995-96)

SAINZA, C. (Spain)

- SCR 97/ 87 (shrimp on Flemish Cap from surveys, 1988-96)

SANTOS, E. (Portugal)

- SCS 97/ 9 (Portuguese research report for 1996)

SATANI, M. (Japan)

- SCR 97/ 23 (results of bottom trawl survey, Div 2GH, 1996)

SAVVATIMSKY, P. I. (Russia)

- SCR 97/ 10 (assessment of G. halibut on Flemish Cap, 1996)
 11 (assessment of roundnose grenadier in SA 0+1, 1986-92)

SERCHUK, E. (USA)

- SCS 97/ 12 (report of SC Working Group on precautionary approach)

SHELTON, P. A. (Canada)

- SCR 97/ 43 (catches of cod and temperature in autumn, Div 2J+3KL)
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SHOWELL, M. A. (Canada)

- SCR 97/ 47 (catch rates of S. hake on Scotian Shelf)
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