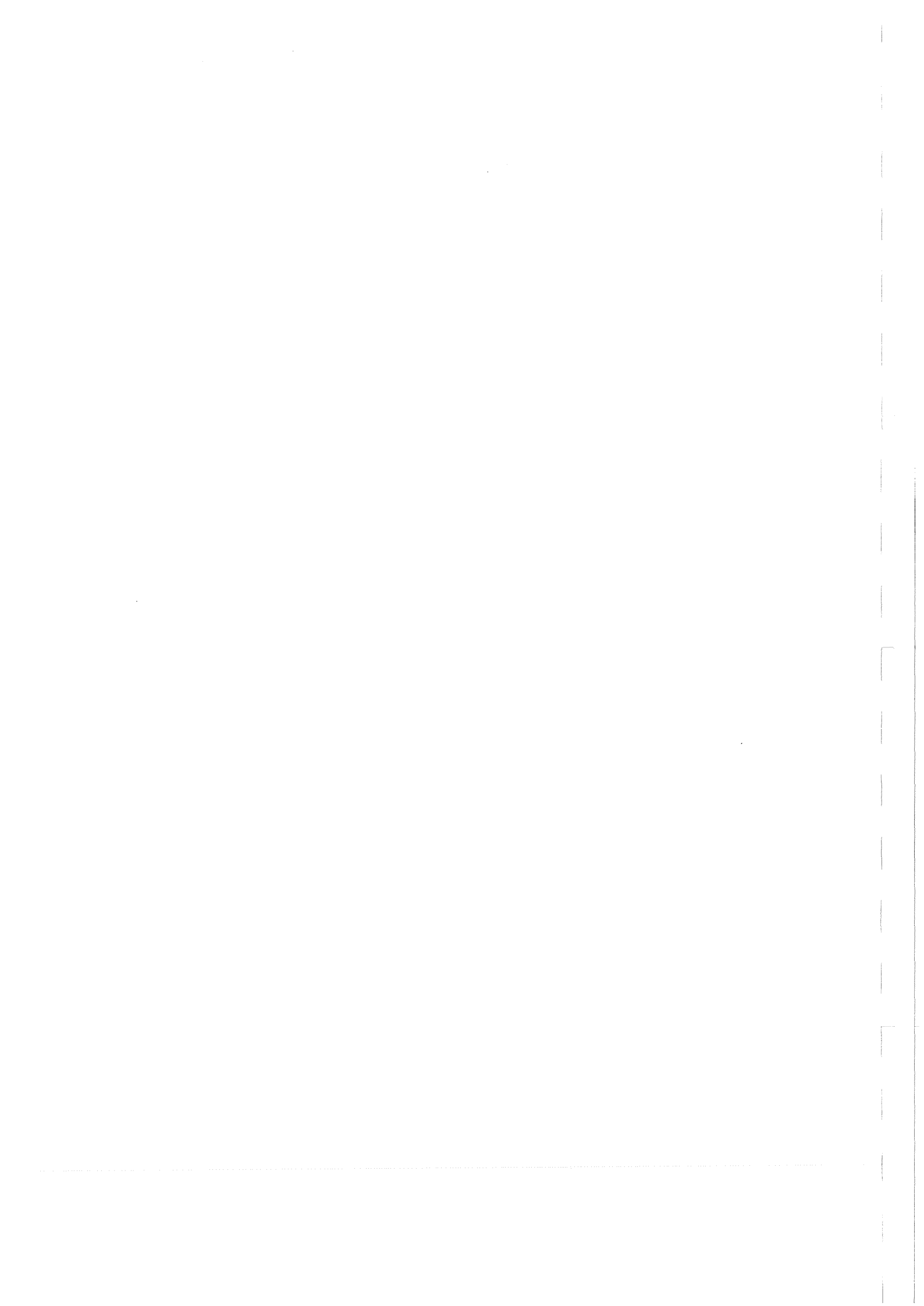




15 JAN. 1996

**1995  
ICES ANNUAL SCIENCE  
CONFERENCE**

**CONTRIBUTIONS, AGENDAS AND  
TIMETABLES**



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**Requests for additional copies of documents when supplies run out**

Authors have been requested to provide 200 copies of their papers to the Secretariat. Copies of the various papers are made available in the Documents Room. Participants may help themselves to copies of scientific papers on a first-come-first-served basis. Should supplies of particular papers run out, those wishing to obtain copies should not contact the Secretariat but approach the senior author of the paper concerned (name and address given in the Book of Abstracts). It is hoped that authors will send copies to those requesting them once the Annual Science Conference is over.





## GENERAL ASSEMBLY REPORTS AND PAPERS OF GENERAL INTEREST

- Gen:1 Observers' reports from co-operating organisations
- Gen:2 ICES activities in 1994/1995
- Gen:3 Election of standing scientific committee Chairmen at 1995 Annual Science Conference (83rd Statutory Meeting) (E+F)
- Gen:4 Report of the Mid-Term Meeting of the Consultative Committee, ICES Headquarters 1-2 June 1995  
Ref. A + Del
- Gen:5 Advance Release of Tables, 1-6 of ICES Fisheries Statistics, Vol. 79, 1994
- Gen:6 1994/1995 overview of ICES Committees and subsidiary Groups and their shadowing by Secretariat staff, and schedule of ICES Meetings and list of CM codes
- Gen:7 ICES role in Environmental Monitoring
- Gen:8 Convenors Reports of ICES Symposia

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(E+F) = in English and French

## DEL - DELEGATES DOCUMENTS

- Del:1\* Audited Accounts for Financial Year 1993/1994
- Del:2\* Progress Report on Administration for the year 1 November 1994 to 31 October 1995
- Del:3\* Co-operation with Other International Organisations: Working Relationships and Financial Arrangements
- Del:4\* Estimated Accounts for Financial Year 1994/1995 (E + F)
- Del:5\* Draft Budget for Financial Year 1995/1996 (E + F)
- Del:6\* Draft Forecast Budget for Financial Year 1996/1997 (E + F)
- Del:7\* Elections and Appointments by the Council at the 1995 Annual Science Conference (83rd Statutory Meeting)
- Del:8\* 1996, 1997 Annual Science Conferences (84th and 85th Statutory Meetings) and subsequent Conferences
- Del:9\* Memorandum of Understanding between OSPARCOM and ICES
- Del:10\* Memorandum of Understanding between FAO and ICES
- Del:11\* Criteria governing acceptance for Council membership and scientific observer status
- Del:12\* Application by Greece (Institute of Marine Biology of Crete) for scientific observer status
- Del:13\* Report of the Bureau Working Group on the Structure of ICES
- Del:14  
Ref A Fourth International Conference on the Protection of the North Sea
- Del:15  
Ref A International Conferences and Conventions: the need for a comprehensive ICES response mechanism
- Del:16\* Topics for Delegates 'Extra Session'
- Del:17  
Ref A Enhanced information and publicity about ICES
- Del:18  
Ref A ICES Centenary, 2002: Progress report
- Del:19\* Rules of Procedure: Revisions to reflect changes in ICES nomenclature
- Del:20\* Cost recovery from ICES customers

\* For Delegates only

(E+F) in English and French

## FINANCE COMMITTEE

FI:1\*            Agenda for the Finance Committee

## PUB - PUBLICATIONS COMMITTEE

Pub:1            Agenda for the Publications Committee  
Pub:2            Review of ICES Publication Activities in 1994/1995  
Pub:3            Sale of ICES Publications during the Last Three Years  
Pub:4            *ICES Journal of Marine Science*: Editors' Report for 1994/1995  
Pub:5            Academic Press Publisher's Report for 1995: *ICES Journal of Marine Science*  
Pub:6            Keeping the Minutes of Science (Academic Press)  
Pub:7            Scope and Area of Interest of the *ICES Journal of Marine Science*  
Pub:8            *ICES Cooperative Research Report* Series: Editor's Report for 1994/1995

**REFERENCE PAPERS: E:18, F:1, L:1**

## A - CONSULTATIVE COMMITTEE

- A:1            Agenda for the Consultative Committee
- A:2            Minutes of ACFM Meeting, ICES Headquarters, 25 October - 2 November 1994
- A:3            Minutes of ACFM Meeting, ICES Headquarters, 16 - 24 May 1995
- A:4            Minutes of ACME Meeting, ICES Headquarters, 26- 31 May 1995
- A:5            ICES/GLOBEC Cod and Climate Data Base Workshop  
Ref C,G,H,J,L    Postponed until 15-16 November 1995
- A:6            Report of the *Ad Hoc* Group on the ICES Secretariat Databases
- A:7            Report of the Cod and Climate Backward-Facing Workshop  
Ref C,G,H,J,L
- A:8            Report of the Working Group on Cod and Climate Change  
Ref C,G,H,J,L
- A:9            Compendium of Draft Recommendations

## B - FISH CAPTURE COMMITTEE

B:1  
Ref. Assess

Report of the Study Group on Unaccounted Mortality in Fisheries

✓ B:2

Report of the Working Group on Fishing Technology and Fish Behaviour

B:2 (annex)  
No separate report

Report of the Sub-Group on Selectivity Methods

✗ B:3 *ilike mott.*

Report of the Study Group on Target Strength Methodology

✓ B:4

Report of the Working Group on Fisheries Acoustics Science and Technology

B:5 Poster

N. Lowry *et al.*

Selectivity in Baltic cod trawls with square mesh cod-end windows

B:6 Poster

N. Lowry

The effect of twine size on bottom trawl cod-end selectivity

B:7

Withdrawn

B:8

P. Suuronen *et al.*

Skin injury and mortality of Baltic cod escaping from trawl codends equipped with exit windows

B:9  
Ref. H

E.J. Simmonds

Survey design and effort allocation: a synthesis of choices and decisions for an acoustic survey. North Sea herring is used as an example.

B:10  
Ref G, H

Y. Vérin

Analysis of the IBTS trawl behaviours: possible enhanced standardization of trawling conditions

*ilike mott.*  
✗ B:11  
Ref. G, K  
Poster

G. Thorsteinsson

Survival of shrimp and small fish in the inshore shrimp fishery at Iceland

✓ B:12  
Ref. H

I. Huse *et al.*

Day/night variations in acoustic density measurements of wintering Norwegian spring-spawning herring

*ilike mott.*  
✗ B:13  
Ref. G

I. Huse

Day/night, illumination and current modulated variation in the behaviour of coastal cod

*ilike mott.*  
✗ B:14  
Ref. G, H, J  
Poster

A. Engås *et al.*

The MultiSampler: a system for remotely opening and closing multiple codends on a sampling trawl

✓ B:15  
Ref. G

S. Løkkeborg and A.Vold Soldal

Vulnerability to predation of small cod (*Gadus morhua*) that escape from a trawl

✓ B:16  
Ref. G

O. Rune Godø *et al.*

Catfish - king of the sea

B:17 Ref G	J. Boje and Hovgård	Selectivity in gillnets in the Greenland halibut fishery at Greenland
B:18 Ref. D	R. Holst and T. Moth-Poulsen	Statistical and numerical methods for gillnet selectivity analysis
B:19 Ref. G	V. Thorsteinsson	Tagging experiments using conventional tags and electronic data storage tags for the observations of migration, homing and habitat choice in the Icelandic spawning stock of cod
B:20 Ref. K	G.Y. Conan <i>et al.</i>	Trials for attracting and catching early benthic stages of <i>Homarus americanus</i> by electric fishing
B:21	W. Moderhak	On properties of codend meshes differently oriented with respect to direction of motion
B:22	Z. Ziembo	Model tests of codends in turbulent velocity field (equations of drag and normal force)
B:23 Ref. J	V.M. Vorobyov <i>et al.</i>	Some selected problems of accuracy of sprat and herring biomass acoustic estimates in the Baltic Sea (based on echosurvey results in 1992-1994)
B:24	F. Cardador and M. Azevedo	A first attempt to compare fishing efficiency of three bottom trawl nets used in the Portuguese surveys
B:25 Ref. G Poster	B. R. McCallum and S.J. Walsh	Survey trawl standardization used in groundfish surveys
B:26	S.J. Walsh and B.R. McCallum	Survey trawl mensuration using acoustic trawl instrumentation
B:27		Withdrawn
B:28	R.D. Galbraith and P.A.M. Stewart	Fishing effort: A gear technologist's perspective
like mott, × B:29	G.I. Sangster and M. Breen	A catch comparison study of single and twin trawl gears towed by a 550 hp commercial vessel
like mott, × B:30 Poster	J.H.B. Robertson and R.J. Fryer	A comparison of the twin trawl and codend methods of selectivity measurement
like mott, × B:31 Poster	J.H.B. Robertson and R.J. Kynoch	Haddock selectivity in codends of six different diamond mesh sizes from 90 to 120 mm
like mott, × B:32 Poster	F.G. O'Neill and R.J. Kunoch	The effects of cover mesh size and codend catch size on codend selectivity
like mott, × B:33 Poster	B Breen and G.I. Sangster	A revised method of assessing skin damage to fish escaping from codends
B:34 Poster	H. Özbilgin and G. Holtrop	Effect of the sub-sampling procedure on the accuracy of the estimates of selectivity parameters from selectivity experiments
B:35 Poster	J.H.B. Robertson and N.W. Lowry	Improvements in designs of cod-end covers

B:36

S.J. de Groot

On the penetration of the beam trawl into the sea bed

*like  
mott.* x B:37 Poster

D.L. Erickson *et al.*

Effect of catch size on the escapement of Walleye  
Pollock from pelagic trawls

**REFERENCE PAPERS: H:7, H:8, H:9, N:23**

## C - HYDROGRAPHY COMMITTEE

✓ C:1		Report of the Working Group on Oceanic Hydrography
C:2		Report of the Working Group on Marine Data Management
✓ C:3 Ref. L		Report of the Working Group on Shelf Seas Oceanography
C:4		Report of the Study Group on SKAGEX
C:5 paper or poster	A. Jorge da Silva <i>et al.</i>	CTD observations along the European shelf edge comparison of data processing algorithms
C:6	H-J Lenhart and T. Pohlmann	The ICES-Boxes approach in relation to results of a North Sea circulation model
C:7 paper or poster	K.F. Drinkwater <i>et al.</i>	Seasonal variability of the waters off West Greenland
C:8	R. Luff and T. Pohlmann	Calculation of the water exchange times in the ICES-boxes using a half-life time approach
C:9 Ref. E	Wolfgang Matthäus	Natural variations and human impacts reflected in long-term changes in the Baltic deep water
✓ C:10	(E. Svendsen) W.R. Turrell <i>et al.</i>	A quasi synoptic of the European Continental Shelf edge during the SEFOS project
C:11	P.A. Gillibrand <i>et al.</i>	Observations and modelling of the results of low-level hydrocarbon discharges in the North Sea
✓ C:12 Ref. G, H	T. Gammelsrød <i>et al.</i>	The benguela Niño 1995 observed in Angolan waters
C:13		Withdrawn
C:14 Ref. L	K.F. Drinkwater and G.C. Harding	The effects of the Hudson Strait outflow on the biology of the Labrador Shelf

**REFERENCE PAPERS: D:3, D:6, H:26, H:27, J:6, K:21 (poster), K:31, L:2, L:11, L:16, L:25, L:26, L:28, M:20**



## D - STATISTICS COMMITTEE

D:1		Statistics Committee Liaison Working Group
D:2		Working Group on Statistical Aspects of Environmental Monitoring
Ref. Env + E		
D:3		A Symposium Planning Group on "The Role of Physical and Biological Processes in the Dynamics of Marine Populations"
Ref. A, C L		
D:4	ICES Fishery Secretary	Progress Report 1994/1995
<i>like mott</i> ×D:5	P. Petitgas	The nugget effect in the 1D transitive method applied to acoustic surveys of fish stocks
D:6	N. Bez <i>et al.</i>	On the relation between fish density and sea surface temperature, application to mackerel egg density
Ref. C, H, L		
<i>like mott</i> ×D:7	M. Pennington	Estimating the mean and variance from highly skewed marine survey data
D:8	V. Christensen	A multispecies virtual population analysis incorporating information of size and age
D:9	C-L Chen <i>et al.</i>	An efficient design for index-removal and change-in-ratio estimation of population size and related parameters
Ref. K		
D:10	G.T. Evans and J.M. Hoenig	Detecting differences among several readers of fish ages
Ref. G, H, K, M		
D:11	H. de Pontual and H. Troadec	Results and interest of a survey to assess age reading activity within different laboratories
Ref. G, H, J, M		
D:12	R.M. Cook	A simple model for the analysis of research vessel data to determine stock trends
D:13	T.I. Bulgakova <i>et al.</i>	Some special algorithms for the Barents Sea fish stomach content database processing
Ref. G, H, K		
<i>like mott</i> ×D:14	T.I. Bulgakova <i>et al.</i>	The results of multispecies analysis for the Barents Sea fish community (cod, capelin, shrimp and herring)
Ref. G, H, K		
D:15	T.I. Bulgakova and D.A. Vasilyev	The relationship between the initial meal weight and weight in stomach for various regimes of nutrition
Ref. G, H, J, M		
<i>like mott</i> ×D:16	R.J. Conser	A fresh look at surplus production modelling as a pragmatic assessment tool

- D:17 J. Rogers *et al.* Potential benefits from managing the US Pacific Coast Sebastes Complex as two assemblages (shelf and slope)
- D:18 Withdrawn

**REFERENCE PAPERS: B:7, B:18, G:6, G:26, G:32, H:9, K:16, M:20, M:24**

## E - MARINE ENVIRONMENTAL QUALITY COMMITTEE

E:1 Ref. L		Report of the Steering Group on Quality Assurance of Biological Measurements in the Baltic Sea
E:2		Report Steering Group on Quality Assurance of Chemical Measurements in the Baltic Sea
E:3		Report of the Steering Group for the Coordination of the Baseline Study of Contaminants in Baltic Sea Sediments
E:4		Report of the Working Group on the Baltic Marine Environment
E:5		Report of the Working Group on the Effects of Extraction of Marine Sediments on the Marine Ecosystem
E:6	G. Witt	Polycyclic aromatic hydrocarbons (PAHs) in sediments of the Baltic Sea and the German coastal waters
E:7	U. Lange <i>et al.</i>	Towards application of EROD-activity in dab ( <i>Limanda limanda</i> ) in biological effect monitoring of the North Sea: A model for the prediction of the basal EROD-activity levels
<i>like nott.</i> × E:8 Poster	S. Garthe	How much discards and offal do seabirds consume in the North Sea?
E:9	D. Dannenberger	Selected chlorinated microcontaminants in Baltic waters, 1992 to 1994
<i>like nott.</i> × E:10	B.G. Alexandrov and G.G. Minicheva	Theoretical basis for managing water quality in coastal areas with the help of biofouling
<i>like nott.</i> × E:11	G.G. Minicheva	Laws governing the interactions of the quality of the marine environment and structural-functional organization of plan communities in coastal ecosystems
E:12	M.D. Nicholson <i>et al.</i>	Designing monitoring programmes for detecting trends in contaminants in fish and shellfish
E:13 Ref. K	S.M. Dyekjær <i>et al.</i>	Mussel dredging and effects on the marine environment
E:14 Ref. G, J	M. St. John <i>et al.</i>	Comparison of chlorobiphenyl congener and pesticide concentrations in cod tissues in relation to their lipid class composition
<i>B.!</i> E:15 Oral presentation		ICES/HELCOM Workshop on Quality Assurance and Intercomparison of Pelagic Biological Measurements in the Baltic Sea
E:16	B. Draganik <i>et al.</i>	Heavy metals in adults and fry of the Baltic viviparous eelpout ( <i>Zoarces viviparous</i> (L))



## F - MARICULTURE COMMITTEE

F:1		ICES Identification Leaflets for Diseases and Parasites of Fish and Shellfish. Editors Report 1994/1995.
F:2		Report of the Working Group on the Application of Genetics in Fisheries and Mariculture
F:3		Report of the Working Group on Pathology and Diseases of Marine Organisms
<span style="font-size: 2em; vertical-align: middle;">(</span> <span style="font-size: 2em; vertical-align: middle;">V</span> F:3 (annex) No separate report		Report of the Sub-Group on Fish Disease Data Submission
<span style="font-size: 2em; vertical-align: middle;">V</span> F:4 —		Report of the Working Group on Mass Rearing of Juvenile Marine Fish
F:5		Report of the Workshop on Principles and Practical Measures for the Interaction of Mariculture and Fisheries in Coastal Area Planning and Management
F:6 Ref. K		Report of the Workshop on Modelling Environmental Interactions in Mariculture
<span style="font-size: 2em; vertical-align: middle;">i</span> <span style="font-size: 2em; vertical-align: middle;">hke</span> <span style="font-size: 2em; vertical-align: middle;">mott</span> F:7 Ref. E		Report of the Working Group on Environmental Interactions of Mariculture
F:8 Poster	J. Iglesias and G. Rodrigues-Ojea	Utilization of alizarin complexone for immersion marking of otoliths of turbot ( <i>Scophthalmus maximus</i> L.) embryos and larvae: dosage and persistence
F:9 Poster	J.B. Peleteiro and J.M.R. Alvarino	Reproductive efficiency of turbot ( <i>Scophthalmus maximus</i> L.) females treated with LHRHa
F:10 Poster	J.H. Robin and R. Wilson	Utilisation precoce d'Artemia enrichis par les larves de turbot ( <i>Scophthalmus maximus</i> )
F:11	T. Lang <i>et al.</i>	BMB/ICES-Going workshop Fish diseases and parasites in the Baltic Sea - A preliminary report
<span style="font-size: 2em; vertical-align: middle;">i</span> <span style="font-size: 2em; vertical-align: middle;">hke</span> <span style="font-size: 2em; vertical-align: middle;">mott</span> F:12 Ref. K	E.V. Kholodkovskaya	Influence of the environment on the fauna of mussel parasites in the Black Sea
F:13	B.R. Howell <i>et al</i>	The effect of diet quality on the low-temperature tolerance of juvenile sole, <i>Solea solea</i> (L)
F:14 Ref. K	J.M Goncalves <i>et al</i>	The Azorean adult squid, <i>Loligo forbesi</i> (Cephalopoda: Loliginidae) in captivity: transport, handling, maintenance, tagging and survival
F:15	D.A. Smail	Isolation and identification of viral haemorrhagic septicaemia (VHS) virus from North Sea cod ( <i>Gadhus morhua</i> L.)
F:16		Report of Activity 1995

F:17 R.H. Cook and W. Watson- Marine Fish Culture Initiatives in Atlantic Canada  
Wright

F:18 Withdrawn

**REFERENCE PAPERS: G:36 (poster), H:8, H:25, K:30, K:41, M:24**

## DEMERSAL FISH COMMITTEE

G:1 Ref. Assess		Report of the Study Group on Redfish Stocks
G:2 Ref. Assess		Report of the Saithe Study Group
G:3 Ref. Assess		Report of the Study Group on Elasmobranch Fishes
✓ G:4 Ref. L Assess		Report of the Workshop on Sandeel Otolith Analysis
G:5 Ref Assess		Report of the Beam Trawl Survey Study Group
G:6 Ref. D, H	J.D.M. Gordon <i>et al.</i>	Age determination of juvenile roundnose grenadier, <i>Coryphaenoides rupestris</i> , a deep-water macrourid fish: a preliminary report
G:7	U. Skúladóttir and G.S. Bragason	The occurrence of 0-group cod and haddock as by-catch in the inshore shrimp surveys in Icelandic waters 1978-1994
G:8		Withdrawn
G:9	M.J. Figueiredo <i>et al.</i>	Distribution, abundance and size composition of blackmouth catshark ( <i>Galeus melastomus</i> ) and small spotted dogfish ( <i>Scyliorhinus canicula</i> ) on the slope of the Portuguese South and Southern West Coasts
✓ G:10	I. Figueiredo <i>et al.</i>	Distribution, abundance and size composition of blackbelly rosefish ( <i>Helicolenus dactylopterus</i> ) and Mediterranean Redfish ( <i>Hoplostethus mediterraneus</i> ) on the slope of the Portuguese South and Southern West Coasts
✓ G:11	O.R. Godø and A. Totland	Migratory behaviour of reared Norwegian coastal cod and north-east Arctic cod
✓ G:12	A. Woll <i>et al.</i>	The development of a new gillnet fishery for anglerfish ( <i>Lophius piscatorius</i> ) in Norwegian waters; biological parameters, selectivity in size and sex ratios for gillnets with 300 and 360 mm mesh sizes
i like mott. G:13 Poster	<del>Withdrawn</del> T. Jakobsen and K. Sunnanå	The revival of the Northeast Arctic cod stock - an act of cod or man?
G:14 Ref. H	O. Moura <i>et al.</i>	A first approach to the definition of deep-sea species communities from the southern Portuguese coast
G:15	G. Marteinsdottir and G. Petursdottir	Spatial and temporal variation in reproduction of Icelandic cod at Selvogsbanki and nearby coastal areas

- G:16 M. Giæver *et al.* Genetic variability at isozyme loci in haddock (*Melanogrammus aeglefinus*) from Norwegian fjord and coastal waters
- G:17 A. Silva Feeding habits of John Dory, *Zeus faber* (Linnaeus, 1758) off the Portuguese continental coast (ICES Div. IXa)
- G:18 Withdrawn
- ✓ G:19 F. Cardador and G. Pestana Abundance and distribution pattern of rock fish (*Helicolenus dactylopterus*) in the Portuguese continental waters (ICES, Div. IXa)
- G:20 F. Cardador Factors influencing the distribution and abundance of hake (*Merluccius merluccius*) in the Portuguese waters (ICES, Div. IXa) based on groundfish surveys data
- ilke  
mott. G:21 A.V. Dolgov Yearly diets and consumption of some commercial species by cod from the Barents Sea in 1984-1993  
Ref. H, K, L
- G:22 N.A. Isaev and M.V. Kovtsova Status of cod (*Gadus morhua morhua* L.) stock in the coastal waters of the Kola Peninsula due to data of research in 1993-1994
- ✓ G:23 V.N. Shibanov *et al.* Peculiarities of formation of oceanic *S. mentella* spawning aggregations in the Irminger Sea
- G:24 H. Hovgaard Estimating IBTS (February) indices for cod in Skagerrak and Kattegat by use of modal separation techniques
- G:25 T. Lang *et al.* Changes in the sex ratio of North Sea dab (*Limanda limanda*) in the period 1981-1995  
Ref. E
- G:26 L.T. Kell and T.K. Stokes FIFI - a framework for modelling management under uncertainty  
Ref. D
- G:27 P.J. Bromley and L.T. Kell Vertical migration patterns and spatial distribution of pelagic 0-group gadoids (cod, haddock, whiting, and Norway pout) in the North Sea  
Ref. L
- G:28 P.J. Bromley Feeding in cod (*Gadus morhua* L.) and whiting (*Merlangius merlangus* L.) in the southern Bight of the North Sea in autumn
- G:29 P.J. Bromley *et al.* Feeding interactions and the development of food webs in pelagic 0-group gadoids (cod, haddock, whiting, saithe and Norway pout) in the northern North Sea  
Ref. H, L
- G:30 S.J. Hall *et al.* The movements of haddock: An analysis of tagging data
- ✓ G:31 Preliminary Report of the International 0-groups Fish Survey in the Barents Sea and Adjacent waters in August/September 1994  
Ref. H
- G:32 T.I. Bulgakova *et al.* Seasonal and yearly dynamics of the Barents Sea cod rations  
Ref. D, H, K



<i>take mott.</i>	G:33 Ref. K Poster	V. de Barros Neto.	Stock assessment for demersal fish and shrimp in Angolan waters with the survey designer
	G:34	L.J. Constança	Evaluation of trawl surveys in Angolan waters
✓	G:35 Ref. L	P. Solemdal and O.S. Kjesbu	Egg mortality in cod of different age - an experimental study
<i>take mott.</i>	G:36 Ref F Poster	<i>Withdrawn</i> I. Fjallstein <i>et al.</i>	Enhancement of Atlantic cod ( <i>Gadus morhua</i> L.) on Faroe Bank
	G:37	H. Mosegaard and M. St. John	Otolith micro-structure pattern as an indicator of environmental and fish condition of Baltic cod at settling
	G:38	P. Santos	Growth, mortality and maturation of <i>Lepidorhombus boscii</i> in Portuguese waters
	G:39	J.V. Magnússon and G. Jóhannesson	Distribution and abundance of 0-group redfish in the Irminger Sea and at East Greenland in 1970-1994 and its relation to <i>Sebastes marinus</i> abundance index from the Icelandic groundfish survey
	G:40	J. Magnússon and T. Sigurdsson	On the distribution and biology of the Oceanic Redfish in March 1995
	G:41	P. Reynisson <i>et al.</i>	Diurnal variations of the echo intensity and some biological observations on redfish in the Irminger Sea (preliminary results)
	G:42	J. Magnusson and S. Sveinbjörnsson	Report on the 0-Group fish survey in Iceland and East Greenland waters, August 1995

**REFERENCE PAPERS: B:10, B:11, B:13, B:14, B:15, B:16, B:17, B:19, B:25 (poster), B:27, C:12, D:10, D:11, D:13, D:14, D:15, E:14, F:18, H:26, H:27, H:28, L:11, L:14, L:16**

## H - PELAGIC FISH COMMITTEE

H:1		Report of the Workshop on Mackerel Otolith Reading
H:2		Report of the Planning Group for Herring Surveys
Ref. J		
H:3		Report of the International Bottom Trawl Survey in the North Sea, Skagerrak and Kattegat in 1995: Quarter 1
H:4		Withdrawn
H:5		Withdrawn
H:6	M. Kerstan	Sex ratios and maturation patterns of horse mackerel ( <i>Trachurus trachurus</i> ) from the NE- and SE-Atlantic and the Indian Ocean - a comparison
✓ H:7	T. Monstad <i>et al.</i>	Investigations on blue whiting in the area west of the British Isles, spring 1995
Ref. B		
H:8	K. Kvalsvik and D.W. Skagen	Trawl avoidance as a source of error in estimates of the prevalence of <i>Ichthyophonus hoferi</i> disease in Norwegian Spring spawning herring ( <i>Clupea harengus</i> L.) in the feeding area
Ref. B, F		
✓ H:9	K.G. Foote and I. Røttingen	Acoustic assessment of Norwegian spring spawning herring in the wintering area, December 1994 and January 1995
Ref. B, D		
H:10		Withdrawn
H:11	M. Giæver and J. Mork	Further studies on the genetic population structure of the blue whiting ( <i>Micromesistius poutassou</i> ) in the north-east parts of the distribution range
H:12	B. Villamor and M. Meixide	Results of the Mackerel ( <i>Scomber scombrus</i> L.) otolith exchange programme in 1994
H:13		Withdrawn
H:14	E.J. Chesney <i>et al.</i>	Laboratory studies of the microchemistry of otoliths from juvenile menhaden, <i>Brevoortia patronus</i>
Ref. L, M	(R. Torseth)	
✓ H:15	E.J. Simmonds <i>et al.</i>	1994 ICES co-ordinated acoustic survey of ICES divisions IVa IVb and VIa and VIIb
H:16		Withdrawn
H:17	P. Lorance	Herring distribution in the North Sea: changes with age within adult population
like mott. H:18 Poster	M.F. Borges and A. Silva	Distribution and migration of horse mackerel

- H:19 A.G. Murta *et al.* Infestation of the Horse Mackerel (*Trachurus trachurus* L.) by *Anisakis simplex* (Rudolphi, 1809) (Nematoda, Ascaridida) Larvae in Portuguese Waters (ICES Div. IXa)
- H:20 Withdrawn
- H:21 K.R. Patterson and D. Beveridge Report of the herring larvae surveys in the North Sea in 1994/1995 and adjacent waters
- H:22 K.R. Patterson and D. Beveridge Report of the herring larvae surveys in the North Sea and adjacent waters in 1993/1994
- H:23 M. Kerstan and M. Waldron Age validation in horse mackerel (*Trachurus trachurus*) otoliths from the NE- and SE-Atlantic ocean
- H:24 A. U. Seminario Preliminary Results of a Tagging Survey of Mackerel in the Bay of Biscay in 1994
- H:25 Ref. F T.A Karaseva *et al.* Diagnostics and peculiarities of Ichthyophonosis development in Norwegian spring-spawning herring in 1994-1995
- like mott.* H:26 W.L. Campos *et al.* Ichthyoplankton species assemblages in the southeastern North Sea during winter and spring 1992  
Ref. C, G, L
- H:27 N. Hillgruber *et al.* Distribution of blue whiting *Micromesistius poutassou* larvae in the Porcupine Bank area, in relation to hydrography and the feeding environment  
Ref C, G, L
- H:28 M. Kloppmann *et al.* Vertical distribution of dab larvae in the German Bight  
Ref. G, L
- H:29 R.L. Stephenson *et al.* Use of larval herring surveys in assessment and in understanding herring dynamics in the western Atlantic
- H:30 M.R. George Aspects of the reproductive cycle of southern Pacific jack mackerel, (*Trachurus picturatus murphyi*) (Nichols, 1920) off the northern coast of Chile
- H:31 S.J. Sutherland *et al.* Effects of light intensity on the filter-feeding rates of mackerel (*Scomber scombrus*)
- H:32 N'Kosi Luyeye Distribution and abundance of small pelagic fish off Angolian coast
- like mott.* H:33 A.I. Krysov Russian Ichthyoplankton investigations of Norwegian spring-spawning herring and their usage in evaluation of stock recruitment

REFERENCE PAPERS: B:9, B:10, B:12, B:14, C:12, D:6, D:10, D:11, D:13, D:14, D:15, G:6, G:14, G:21, G:29, G:32, J:3, L:11, L:16, L:22, L:24, N:19

## J - BALTIC FISH COMMITTEE

- |                        |                               |   |
|------------------------|-------------------------------|---|
| J:1                    |                               | Report of the Study Group on Assessment-Related Research Activities Relevant to Baltic Fish Resources   |
| Ref. Assess            |                               |   |
| J:2                    |                               | Report of the Study Group on Baltic Cod Age Reading   |
| J:3                    | T. Raid                       | Length structure of herring in the Gulf of Finland: spatial and temporal variability  |
| Ref. H                 |                               |   |
| J:4                    | F. Arrhenius and S. Hansson   | Growth and seasonal changes in energy content of young Baltic Sea herring ( <i>Clupea harengus</i> L.)  |
| J:5                    | Ole Bagge <i>et al.</i>       | The mean length at age of dab in Århus Bay in relation to oxygen conditions 1953-1994   |
| J:6                    | Ole Bagge <i>et al.</i>       | Consumption of food and evacuation in dab ( <i>Limanda limanda</i> ) related saturation and temperature. Preliminary results.                   |
| Ref. C, E              |                               |   |
| J:7                    | K.M. Lehmann and J.R. Nielsen | Acoustic Identification of 0-group Cod in the Baltic Sea  |
| J:8 Poster             | T. Baranova and I. Shics      | Latvian gillnet cod fishery in 1993-1994  |
| J:9                    | T. Baranova                   | The structure of spawning cod stock in the Eastern Baltic during 1972-1995  |
| J:10                   | G. Kornilovs                  | Analysis of Baltic herring year-class strength in the Gulf of Riga  |
| J:11                   |                               | Withdrawn   |
| J:12                   | M. Fetter and A. Naglis       | Length structure of herring stock in the Eastern Baltic   |
| J:13 Poster            | D. Uzars                      | Cannibalism of cod in the Gotland basin of the Baltic Sea   |
| J:14                   | F. Shvetsov <i>et al.</i>     | The structure of Baltic sprat population as a base for the assessment of the stock  |
| J:15                   | K. Horbowa and E. Wlodarczyk  | Size-specific vertical distribution and mortality rates of the Baltic cod ( <i>Gadus morhua</i> L.) eggs in the Bornholm Basin in 1993 and 1994 |
| Ref L                  |                               |   |
| J:16                   | V.N. Feldman <i>et al.</i>    | The results of an acoustic survey of sprat and herring abundance in ICES Sub-divisions 26 and 28 in October 1994                                |
| J:17 oral presentation | Tenno Drevs                   | Effect of salt water inflow to the Baltic sea on the spawning conditions of flounder ( <i>Platichthys flesus</i> (L.)) in the Gulf of Finland   |
| J:18                   | R. Grzebielec <i>et al.</i>   | Polish hydroacoustic assessment survey of herring, sprat and cod stocks in ICES Sub-divisions 25 and 26 of the Baltic conducted in October 1994 |

J:19	P. Grønkjær <i>et al.</i>	The influence of essential fatty acids composition on growth of larval cod ( <i>Gadus morhua</i> L.) larvae. Preliminary observations.
J:20 Poster	E.M. Karasyova	Ichthyoplankton distribution and abundance in the Eastern Baltic Sea in 1994
J:21 Ref. E	V.N. Feldman <i>et al.</i>	Salinity/oxygen regime of water in South-eastern part of Baltic proper in 1992-1995 and demersal fish living conditions
J:22	J. Gröger and T. Gröhsler	On the discrimination of herring stocks in Baltic Division III
J:23 Ref. L	D. Schnack <i>et al.</i>	Baltic Cod Recruitment Project
J:24	P. Grønkjær <i>et al.</i>	Abundance and Distribution of Larval Cod ( <i>Gadhus morhua</i> ) in the Bornholm Basin
J:25	P. Ernst <i>et al.</i>	Preliminary results of a comparative cod otolith age reading experiment carried out by age readers from Sweden and Germany
J:26 Oral contribution	B. MacKenzie <i>et al.</i>	Processes affecting growth and survival of cod eggs and larvae in the Eastern Baltic
J:27	K Hüsey	Preliminary observations of size at settling and food resource utilization of juvenile (0-group) Baltic cod ( <i>Gadus morhua</i> L.)
J:28		Withdrawn
J:29	E. Nielsen <i>et al.</i>	Water temperature and wind effects on the abundance of 0-group plaice ( <i>Pleuronectes platessa</i> ) in the Kattegat
J:30 Poster	J. Netzel and J. Kuczyniski	The abundances of flounder and eel pout in the Gulf of Gdansk area estimated by swept area method

**REFERENCE PAPERS: B:14, B:23, D:11, D:15, E:14, H:2, L:11, L:28, M:8**

## K - SHELLFISH COMMITTEE

- |                           |                                     |   |
|---------------------------|-------------------------------------|---|
| K:1<br>Ref. Assess        |                                     | Report of the Study Group on the Assessment of Shellfish Stocks in the North Atlantic   |
| K:2                       |                                     | Report of the Study Group on Spatfall and Recruitment in Bivalve Stocks   |
| K:3<br>Ref. Assess        |                                     | Report of the Working Group on Cephalopod Fisheries and Life History  |
| K:4<br>Ref. Assess        |                                     | Report of the Study Group on Life Histories of Nephrops   |
| K:5<br>Ref. Assess        |                                     | Report of the Study Group on Life Histories and Assessment of Pandalus Stocks in the North Atlantic   |
| K:6<br>Ref. Assess        |                                     | Report of the Working Group on Crangon Fisheries and Life History   |
| K:7                       | F. Simon <i>et al.</i>              | The small-scale hand-jig squid fishery in the northwestern Iberian peninsula analysed using a model based on short fishery statistics survey                                      |
| K:8                       | F. Rocha and A. Guerra              | Flexible reproductive patterns in the squids <i>Loligo vulgaris</i> and <i>Loligo forbesi</i>   |
| K:9                       | M. Rasero <i>et al.</i>             | Spawning pattern and fecundity of the ommastrephid squid <i>Todaropsis eblanae</i> in north-eastern Atlantic waters   |
| K:10                      | M. Rasero and B.G. Castro           | Signs of prey-size selectivity in the feeding behaviour of <i>Todaropsis eblanae</i> (cephalopoda: ommastrephidae)  |
| K:11 Poster               | M. Aschan <i>et al.</i>             | Results of Norwegian and Russian investigations of shrimp ( <i>Pandalus borealis</i> ) in the Barents Sea and Svalbard area 1994  |
| ✓ <u>K:12</u><br>Ref. N   | H. Bjørke                           | Norwegian investigations on <i>Gonatus fabricii</i> (Lichtenstein)  |
| K:13                      | C. Lordan and M.A. Collins          | The significance of squid in Irish fisheries  |
| ihke<br>mott. <u>K:14</u> | C. Lordan <i>et al.</i>             | Distributions of squid species in the Celtic Sea and Bay of Biscay  |
| K:15                      |                                     | Withdrawn   |
| K:16<br>Ref. D            | A.M. Caramelo                       | Comparison of VPA results using two methods for conversion of length to age for <i>Nephrops</i> stocks in Portuguese waters (ICES Div. IXa)                                       |
| K:17                      | V. Hernández-García and J.J. Castro | Reproductive biology of the subfamily <i>Illicinae</i> , <i>Illex coindetii</i> and <i>Todaropsis eblanae</i> (Cephalopoda: ommastrephidae Steenstrup, 1857) off Northwest Africa |

<u>ikke mott.</u> K:18	V. Hernández-García	Cephalopod from CECAF area: fishery and ecology role
K:19		Withdrawn
K:20	K. Gunnarsson and S. Einarsson	Observations on whelk population ( <i>Buccinum undatum</i> L. Mollusca; Gastropoda) in Breidifjörður, Western Iceland
K:21 Ref. C Poster	Graham Pierce	Stock assessment with a thermometer: correlations between sea surface temperature and landings of squid ( <i>Loligo forbesi</i> ) in Scotland
K:22 Poster	G.J Pierce <i>et al.</i>	Correlation analysis of interannual variation in cephalopod landings from European waters
K:23 Poster	P.R. Boyle <i>et al.</i>	Patters in reproduction and recruitment of <i>Loligo forbesi</i> . around the British Isles
<u>ikke mott.</u> K:24 Poster	P.W. Shaw and J.M Murphy	Microsatellite DNA and population genetics of the squid <i>Loligo forbesi</i>
K:25		Withdrawn
K:26	G.G. Thórarinsdóttir and G. Jóhannesson	Shell length-meat weight relationships of ocean quahog, <i>Arctica islandica</i> (Linnaeus), from Icelandic waters
<u>ikke mott.</u> K:27	M. Vecchione	Cephalopod species captured by deepwater exploratory fishing off New England
<u>ikke mott.</u> K:28	M. Vecchione	Evidence for two species of surfclams ( <i>Spisula</i> ) off the US East coast
K:29	O.V. Gerasimova and S.A. Kuzmin	Some peculiarities of reproduction of king crab ( <i>Paralithodes camtschatica</i> (til.)) in the Barents Sea
<u>ikke mott.</u> K:30 Ref. F	V.I. Lisovskaya	Seasonal changes in biochemical composition of mussels in the coastal environment of Odessa Bay
K:31 Ref. C	J. Brown <i>et al.</i>	A physical retention mechanism for <i>Nephrops norvegicus</i> larvae
K:32	A. Moreno and C. Sousa Reis	Seasonal Distribution of Loliginid Early Young Stages in the Portuguese Continental Shelf
K:33	M.M. da Cunha <i>et al.</i>	Spatial and Temporal Occurrences of <i>Loligo</i> spp. in Portuguese waters
<u>ikke mott.</u> K:34	M.M. da Cunha <i>et al.</i>	Influence of selected oceanographic factors on the distribution and relative abundance of <i>Loligo</i> spp. in Portuguese waters
K:35	W.K. Macy	Recruitment of long-finned squid in New England (USA) waters
K:36	J.P. Robin and E. Boucaud	Squid catch composition in the English Channel bottom trawl fishery: Proportion of <i>Loligo forbesi</i> and <i>Loligo vulgaris</i> in the landings and length-frequencies of both species during the 1993-1994 period

- K:37 C.P. Raya *et al.* Maturation pattern and recruitment of the squid *Loligo vulgaris* from North West African coast
- i like moll.* K:38 G.Y. Conan *et al.* Mapping and monitoring lobster recruitment in Malpeque Bay, Prince Edward Island, Canada
- K:39 A. de Kerros *et al.* Age determination of *Homarus americanus* using a histochemistry index of lipofuscin abundance
- K:40 F.M. Porteiro *et al.* The Azorean squid, *Loligo forbesi* (Cephalopoda: ) in captivity: reproductive behaviour
- K:41 F.M. Porteiro *et al.* The Azorean squid, *Loligo forbesi* (Cephalopoda: Loliginidae) in captivity: feeding and growth
- Ref. F
- i like moll.* K:42 Poster S.V. Estácio *et al.* Reading and staining statoliths of the loliginid squid, *Loligo forbesi*
- i like moll.* K:43 Poster J.M. Gonçalves *et al.* The deep water crab, *Chaceon affinis*, a new fisheries resource in the Azores?
- K:44 P. Sand Kristensen and K. Dahl Aerial surveys, biomass estimates and elimination of the mussel population (*Mytilus edulis* L.) stock in the Danish Wadden Sea 1991-1994
- K:45 P. Sand Kristensen and V. Wellendorph Fishery of brown shrimps (*Crangon crangon*) in the Danish Wadden Sea area (1963-1993)
- K:46 Withdrawn
- K:47 F. Vaz-Velho An assessment of deep water shrimp surveys in Angolan water
- K:48 M.L. Coelho *et al.* Estimates of individual fecundity in the squid *Loligo vulgaris* (Cephalopoda: Loliginidae)
- K:49 P.A. Lima *et al.* Patterns of schooling behaviour in *Alloteuthis subulata* (Cephalopoda: Loliginidae)
- K:50 V. Bettencourt *et al.* The use of statoliths in age determination of the long-finned squid, *Loligo vulgaris* (Cephalopoda: Loliginidae)
- K:51 Withdrawn
- K:52 Withdrawn
- K:53 V. Martin Periode d'eclosion et abondance des larves de crevette grise *Crangon Crangon* Linnaeus, 1758 en manche et au sud de la mer du nord
- K:54 S.A. Steingrimsson and G. Thorarinsdottir Age, structure, growth and size at sexual maturity in ocean quahog *Arctica islandica* (Mollusca: Bivalvia), off NW-Iceland

REFERENCE PAPERS: B:11, B:20, D:9, D:10, D:13, D:14, E:13, F:6, F:12, F:14, G:21, G:32, G:33 (poster), L:11, L:26, L:29



## L - BIOLOGICAL OCEANOGRAPHY COMMITTEE

<i>ihke mott.</i> L:1		ICES Identification Leaflets for Plankton. Editors Report 1994/1995
L:2 Ref. C+E Env		Report of the Working Group on Phytoplankton Ecology
L:3		Report of the Benthos Ecology Working Group
L:4 Ref. E		Report of the ICES/IOC Working Group on Harmful Algal Bloom Dynamics
L:5		Report of the Working Group on Zooplankton Ecology
L:6		Report of the Working Group on Recruitment Processes
<i>ihke mott.</i> L:7		Report of the Study Group on Methods of Spatial and Temporal Integration
L:8		Report of the Study Group on Gulf III Sampler Efficiency Calibrations
L:9 Ref Assess Env		Report of the Working Group on Seabird Ecology
<i>ihke mott.</i> L:10	P. Kremer	The importance of life history to predation by gelatinous zooplankton
<i>ihke mott.</i> L:11 Ref. C, G, H, J, K	A. Stankevicius	Impact of the Kurschiu marios lagoon eutrophic water on ecosystems of the Lithuanian coastal zone
L:12		Withdrawn
<i>ihke mott.</i> L:13	K. Gudmundsson <i>et al.</i>	Estimation of assimilation numbers off the coasts of Iceland
L:14 Ref. G	U. Waller and H. Rosenthal	The migratory behaviour of yolk-sack larvae of cod, <i>Gadus morhua</i>
L:15	S.A. Pedersen and E.L.B. Smidt	Zooplankton investigations off West Greenland 1956-1984
<i>ihke mott.</i> L:16 Ref. C, G, H	B.J. Rothschild and A.F. Sharov	The North Sea cod, herring zooplankton and the North Atlantic climate signal of 1970's
L:17 Poster	S. Alshuth and R. Grant Gilmore	Egg and early larval characteristics of <i>Pogonias cromis</i> , <i>bairdiella chrysoura</i> and <i>Cynoscion nebulosus</i> (Pisces: Sciaenidae) from the Indian River Lagoon, Florida
L:18	K. Sherman <i>et al.</i>	Zooplankton and fisheries of the northeast shelf large marine ecosystem

L:19 Poster	E. Naumenko	Species composition, seasonal and long-term dynamics of zooplankton abundance and biomass in the Vistula Lagoon of the Baltic Sea
L:20 Poster	L.V. Rudinskaya	Dynamics of <i>Chironomus fl. semireductus</i> biomass in the Currish Lagoon of the Baltic Sea
L:21 Poster	S.N. Semyonova <i>et al.</i>	Spatial-temporal fluctuations of phytocene in the south Baltic Sea during fall and spring
L:22 Ref. H Poster	P. do Carmo Lopes and M. Hortense Afonso	Ichthyoplankton abundance and larval diversity off the Portuguese continental coast
L:23		Withdrawn
<i>like moll.</i> L:24 Ref. H Poster	G.C. Rilling <i>et al.</i>	Temporal and spatial variability in the distribution and dynamics of Bay Anchovy ( <i>Anchoa mitchilli</i> ) early life stages in the Chesapeake Bay
L:25 Ref. C	M.R. George	Distribution and transport of mesozooplankton during tidal cycles at a fixed station in the northern German Wadden Sea
<i>like moll.</i> L:26 Ref. C, K	G.Y. Conan	The role of water masses in limiting movements of benthic crustaceans in the Gulf of St Lawrence, Canada
<i>like moll.</i> L:27	S.H. Jónasdóttir and M. St. John	Contents and depletion of lipids in <i>Calanus finmarchicus</i> during overwintering in the North Atlantic
L:28 Ref. C, J	H.H. Hinrichsen <i>et al.</i>	Larval drift and retention: Baltic cod, a modeling approach
L:29 Ref E, K	R. Dijkema <i>et al.</i>	Feasibility of active biological monitoring (ABM) of phytoplankton toxins with suspended mussels ( <i>Mytilus edulis</i> ) as an early warning system against toxic algal bloom in the Dutch coastal waters
L:30	A. Gislason and O. S. Astthorsson	Vertical distribution of zooplankton in the shelf area southwest of Iceland in early May 1991 and 1992

**REFERENCE PAPERS: C:3, C:14, D:3, D:6, E:1, G:4, G:8, G:27, G:29, G:35, H:14, H:26, H:28, J:15, J:23, N:19**

## M - ANACAT FISH COMMITTEE

	M:1		Joint ICES/EIFAC Working Group on Eel
	M:2		Withdrawn
	M:3	W-N Tzeng	Effects of salinity gradient and ontogenetic shift on strontium: calcium ratio in otolith of the Japanese eel, <i>Anguilla japonica</i> Temminck & Schlegel
like mott.	M:4 Poster	I. Kallio-Nyberg and M-L Koljonen	Inheritance of sea migration pattern of the Atlantic salmon: a comparative study among two pure stocks and their and hybrids
like mott.	M:5	I.K.K. Chan and D.K.O Chan	Variations in genetic composition of glass eels, <i>Anguilla japonica</i> , collected at different sites and time of the year
like mott.	M:6	V. S. Varnavsky	Seawater adaptability of underyearling of five species of Pacific salmon in estuarine period
like mott.	M:7	M. Holm <i>et al.</i>	Vertical movements of hydroacoustically tagged Atlantic salmon ( <i>Salmo salar</i> ) postsmolts on seaward migration - Diving as a possible strategy for navigation
like mott.	M:8 Ref. J	T. Alapassi <i>et al.</i>	Stocking result of one and two year old salmon smolt on the basis of coded wire and carlin taggings
	M:9	T. Gudjónsson	Seaward migration of smolts of Atlantic salmon ( <i>Salmo salar</i> L.) in the river Ulfarsa in Southwest Iceland
	M:10	K. Thorisson and J. Sturlaugsson	Postsmolts of ranched Atlantic Salmon ( <i>Salmo salar</i> L.) in Iceland: I. Environmental conditions
	M:11	K. Thorisson	Why does sea-migrating salmon ( <i>Salmo salar</i> L.) leap?
	M:12	K. Thorisson and J. Sturlaugsson	Postsmolts of ranched Atlantic salmon ( <i>Salmo salar</i> L.) in Iceland: IV. Competitors and predators
✓	M:13	O.T. Skilbrei <i>et al.</i>	Effects of pre-release acclimatization period on salmon return rates
	M:14		Withdrawn
	M:15	J. Sturlaugsson and K. Tórisson	Postsmolts of ranched Atlantic salmon ( <i>Salmo salar</i> L.) in Iceland: II. The first days of the sea migration
	M:16	J. Sturlaugsson and K. Tórisson	Postsmolts of ranched Atlantic salmon ( <i>Salmo salar</i> L.) in Iceland: III. The first food of sea origin
	M:17	J. Sturlaugsson and K. Tórisson	Migration study on homing of Atlantic salmon ( <i>Salmo salar</i> L.) in coastal waters W-Iceland - Depths movements and sea temperatures recorded at migration routes by data storage tags

M:18		Withdrawn
M:19	J.F. Kocik and K.D. Friedland	Thermal analyses of Connecticut and Penobscot River-Ocean transition zones for Atlantic salmon smolts: clues for reintroducing stocks
M:20 Ref. C, D	F-X Cuende <i>et al.</i>	Influence of hydrological and climatic conditions on daily catch per unit effort of Atlantic salmon ( <i>Salmo salar</i> L.) with drift gillnet at the mouth of the Adour river, France
M:21	P. Lambert <i>et al.</i>	A study of the estuarial migration of civelles ( <i>Anguilla anguilla</i> L., 1758) using individual-based simulation
M:22	T. Antonsson <i>et al.</i>	Timing of smolt migration of Atlantic salmon ( <i>Salmo salar</i> L.) in Icelandic rivers
M:23	Ö. Karlström	Salmon parr ( <i>Salmo salar</i> L.) production and spawning stocks in Baltic salmon rivers in northern Sweden 1976-94
<i>Take note.</i> M:24 Ref. D, F	M.J. Harvey <i>et al.</i>	A multivariate description of shape changes of sea trout ( <i>Salmo trutta</i> L.) during the parr-smolt transformation
M:25	M.J Harvey <i>et al.</i>	A physiological examination of smoltification in wild and reared sea trout ( <i>Salmo trutta</i> L.) in Ireland: Na <sup>+</sup> /K <sup>+</sup> -ATPase activity, succinic dehydrogenase activity, metabolic activity and sea water tolerance
<i>Take note.</i> M:26	M.J. Harvey <i>et al.</i>	Physiological responses to transitions in <i>ambient osmotic concentrations by sea trout (Salmo trutta</i> L.) at selected development stages of smoltification
M:27	Asto Romakkaniemi <i>et al.</i>	Spatial stock composition of salmon on the basis of tag returns in the northern Bothnian Bay fishery
M:28	Atso Romakkaniemi <i>et al.</i>	Wild Baltic salmon stocks: Fecundity and biological reference points concerning their status
<i>Take note.</i> M:29 Poster	Erkki Jokikokko <i>et al.</i>	M74-phenomenon and the natural salmon production in the rivers Simojoki and Tornionjoki, the northern Finland
<i>Take note.</i> M:30 Poster	S.M. Einarsson and G. Gudbergsson	The closure of commercial netting in R. Hvítá, Iceland. Effects on rod catches of salmon ( <i>Salmo salar</i> L.) in the tributaries
M:31	L.P. Hansen <i>et al.</i>	Factors affecting upstream and downstream migration in anadromous European salmonids and catadromous eel
<i>Take note.</i> M:32		Withdrawn
<i>Take note.</i> M:33 Poster	C Eriksson and E. Ikonen	Comparative taggings of salmon ( <i>Salmo salar</i> L.) smolt with Finnish and Swedish carlin tags and technique
<i>Take note.</i> M:34	C.K.C. Wong and D.K.O Chan	Biochemical changes in the chloride and respiratory cells from the gill epithelium of the Japanese eel

		Anguilla japonica, following transfer from freshwater to seawater
M:35	R. Bartel and S. Bontemps	Possibility of natural spawning of Vistula Sea Trout ( <i>Salmo trutta</i> L.) in the Drweca River
<i>like mott.</i> M:36	Poster J. Domagala and R. Bartel	Survival of salmon ( <i>Salmo salar</i> L.) fry stocked into small brooks
M:37	Poster A.V. Zubchenko	Salmon rivers of the Kola Peninsula. Some data on the salmon migrations and estimation of marine fishery influence.
M:38	Poster A.V. Zubchenko <i>et al.</i>	Salmon rivers of the Kola Peninsula. The reproductive potential and the stock status of the Atlantic salmon from the Kola River
M:39	A.V. Zubchenko and Yu.A. Bochkov	Salmon Rivers of the Kola Peninsula. Some Peculiarities of the Atlantic Salmon Spawner Migrations to the Kola and Tuloma Rivers
M:40	A.V. Zubchenko <i>et al.</i>	Fishery for and status of Atlantic salmon stock in north-west Russia in 1994
M:41	A.R. Bos	The migration of flounder larvae, <i>Pleuronectes flesus</i> Linnaeus 1758, into the tidal Elbe
M:42		ICES Compilation of Microtags, Finclip and External Tag Releases in 1994
M:43	A Moore <i>et al.</i>	The movements of wild sea trout ( <i>Salmo trutta</i> L.) smolts in the lower river and estuary of the river Conwy, North Wales
M:44		Withdrawn
<i>like mott.</i> M:45	G.W. Smith <i>et al.</i>	The movements of Atlantic salmon ( <i>Salmo salar</i> L.) in the estuary of the Aberdeenshire Dee in relation to environmental factors: I. Salinity
M:46	G.W. Smith and A.D. Hawkins	The movements of Atlantic salmon ( <i>Salmo salar</i> L.) in the estuary of the Aberdeenshire Dee in relation to environmental factors: II. water temperature
M:47	G.W. Smith and I.P. Smith	The movements of Atlantic salmon ( <i>Salmo salar</i> L.) in the estuary of the Aberdeenshire Dee in relation to environmental factors. III Circadian and circatidal patterns of movement
M:48	A.D.F. Johnstone <i>et al.</i>	The movement of sea trout smolts, <i>Salmo trutta</i> L. on entry to the marine environment

**REFERENCE PAPERS: D:10, D:11, D:15, H:14**

## N - MARINE MAMMALS COMMITTEE

- |                           |  |   |
|---------------------------|--|---|
| N:1                       | A. Bjørge                                    | Comparative habitat use and foraging behaviour of harbour seals and grey seals in western Norway  |
| N:2                       | P.J. H Reijnders <i>et al.</i>               | Population development of harbour seals in the Wadden Sea after the 1988 virus epizootic  |
| N:3 poster                | L. Santiago <i>et al.</i>                    | Marine mammals stranded on the north and northwest coast of Spain in 1994   |
| N:4                       |  | Withdrawn   |
| N:5 Poster                | M.B. Santos <i>et al.</i>                    | Diets of sperm whales stranded in Scotland  |
| N:6                       | M.B. Santos <i>et al.</i>                    | Diets of small cetaceans stranded in Scotland 1993-1995   |
| N:7                       | G.T. Waring and J.T. Finn                    | Cetacean trophic interactions off the northeast USA inferred from spatial and temporal co-distribution patterns   |
| <i>ikke mott.</i><br>N:8  | D. Palka                                     | A cooperative study of North Atlantic harbor porpoise population structure  |
| N:9                       | V Martin <i>et al.</i>                       | Records of cetaceans stranded on the Canary Islands coast from 1992 to 1994   |
| ✓ <u>N:10</u>             | <i>(N. Øien)</i><br>P. Hammond <i>et al.</i> | The distribution and abundance of harbour porpoises and other small cetaceans in the North Sea and adjacent waters  |
| N:11 Poster               | B. Santos <i>et al.</i>                      | Diets of small cetaceans stranded on the Galician coast (NW Spain)  |
| N:12                      | T. Bekkby and A.J. Bjørge                    | Variation in stomach temperature as indicator of meal size in harbour seal, <i>phoca vitulina?</i>  |
| N:13                      | D. Pauly <i>et al.</i>                       | Diet composition and trophic levels of marine mammals   |
| N:14                      | E. Hauksson and V. Bogason                   | Food of Harp Seals ( <i>Phoca groenlandica</i> Erxleben, 1777) in Icelandic Waters, in the period of 1990-1994  |
| N:15                      | E. Hauksson and V. Bogason                   | Occurrences of Bearded Seals ( <i>Erignathus barbatus</i> Erxleben, 1777) and ringed seal ( <i>Phoca hispida</i> Schreber, 1775) in Icelandic Waters, in the period 1990-1994, with notes on their food |
| N:16                      | E. Hauksson and V. Bogason                   | Occurrence of Hooded Seals ( <i>Cystophora cistata</i> Erxleben, 1777) in Icelandic Waters, in the period 1989-1994   |
| <i>ikke mott.</i><br>N:17 | E. Hauksson and V. Bogason                   | Occurrences of Harp Seals ( <i>Phoca groenlandica</i> Erxleben, 1777) in Icelandic Waters, in the period 1990-1994  |

- N:18 E. Hauksson and V. Bogason Food of Hooded Seals (*Cystophora cristata* Erxleben, 1777) Caught in Icelandic Waters, in the period 1990-1994
- N:19 Ref. H, L T. Haug *et al.* Diet and food availability for Northeast Atlantic minke whale *Balaenoptera acutorostrata*
- N:20 I. Martinez *et al.* Typing of Northeast Atlantic minke whales, *Balaenoptera acutorostrata*, by arbitrary amplification of polymorphic DNA
- N:21 K-H Kock and H. Benke On the by-catch of harbour porpoise (*Phocoena phocoena*) in German fisheries in the Baltic and the North Sea
- N:22 List of publications of interest to the Marine Mammals Committee
- N:23 Withdrawn

**REFERENCE PAPER: K:12**

## MINI-SYMPOSIUM: ARCTIC OCEANOGRAPHIC PROCESSES (MINI)

<i>like mott.</i>	Mini:1	S.V. Semovski <i>et al.</i>	Contact observation and remote sensing data in Norwegian Sea ecosystem studies
	Mini:2	J. Meineke and B. Rudels	The Arctic Oceans Nordic Seas thermo-haline system
	Mini:3	E. Sakshaug	A synopsis of the biomass distribution of energetics of the pelagic ecosystem in the Barents Sea
	Mini:4	P.A. Gurbutt <i>et al.</i>	Estimates of fluxes of Caesium-137 in northern waters from recent measurements
<i>like mott.</i>	Mini:5	S. Pfirman	Transport of contaminants by Arctic Sea Ice
✓	Mini:6	J. Blindheim and B. Ådlandsvik	Episodic formation of intermediate water along the Greenland Sea arctic front
	Mini:7	S-A Malmberg	Timing of deep convection in the Greenland and Iceland Seas
<i>like mott.</i>	Mini:8	L-O Reiersen	Arctic monitoring and assessment programme (AMAP). Assessment of the pollution in the whole Arctic area.
✓	Mini:9	K. Stange and J. Klungsyør	Contaminants in the Barents Sea ecosystem
✓	Mini:10	H. Loeng <i>et al.</i>	Water fluxes through the Barents Sea
✓	Mini:11	L. Føyn and I. Sværen	Distribution and sedimentation of radionuclides in the Barents Sea
	Mini:12		Withdrawn
	Mini:13	Yu. A Bochkov <i>et al.</i>	Withdrawn
	Mini:14	G.I. Nesvetova	Variations in hydrochemical conditions in the Barents and Northeastern Norwegian Seas caused by climate
	Mini:15	V.L. Tretyak <i>et al.</i>	Role of oceanographic conditions in Arcto-Norwegian cod recruitment dynamics
	Mini:16	O.V. Titov	Seasonal dynamics of primary production in the Barents Sea
<i>like mott.</i>	Mini:17	J.O. Backhaus	Convective formation and export of water masses in Arctic shelves

Not received: Nos: 1, 5, 8, 17

Withdrawn: Nos: 12, 13



**THEME SESSION ON BALLAST WATER: ECOLOGICAL AND  
FISHERIES IMPLICATIONS (O)**

O:1	D. Minchin and J. Sheehan	The significance of ballast water in the introduction of exotic marine organisms to Cork Harbour, Ireland
O:2	I. Laing	Ballast water discharge into coastal waters of England and Wales
O:3	K. Hayes	Ecological risk assessment for ballast water introductions
O:4	R.E. Thresher and R.B. Martin	Reducing the impact of ship-borne marine introductions: focal objectives and development of Australia's new centre for research on introduced marine pests
<i>like mott.</i> O:5	D. Gauthier	A synopsis of the Canadian situation relating to the introduction of unwanted aquatic organisms by ballast waters
<i>like mott.</i> O:6	H. Rosenthal	Ballast water and mariculture in coastal areas growing concerns about potential conflicts
<i>like mott.</i> O:7	G. Ruiz <i>et al.</i>	US Research program in ballast water invasions: monitoring and experimental studies in Chesapeake Bay
O:8	M. Nauke	Provisions of the control and management of ballast water to minimize the transfer of harmful aquatic organisms and pathogens
O:9	D.V. Subba Rao <i>et al.</i>	Concern for the introduction of exotic phytoplankton via ballast water into mariculture sites on Canada's east coast
O:10	E.M. Macdonald	Dinoflagellate resting cysts and ballast water discharges in Scottish ports
O:11	G. Rigby and A.H. Taylor	Ballast water: Its impact can be managed
<i>like mott.</i> O:12	T. Ikegami	The possible methods to prevent transference of harmful plankton by ship's ballast water
O:13	S. Gollasch <i>et al</i>	Non-indigenous organisms introduced via ship's into German waters
O:14	R.M. Gaudiosi	Ballast water management - an integrated approach
O:15	G. Hallegraeff	Transport of toxic dinoflagellates via ships' ballast water
O:16	B. Hayden	A New Zealand perspective on ballast water
O:17	H. Gollamudi and A. Randall	Policy incentives to prevent introduction of non-indigenous species via shipping

C.M. 1995 / P

THEME SESSION ON CAUSES OF OBSERVED VARIATIONS IN FISH GROWTH (P)

- P:1 N.L. Schackell *et al.* Cod (*Gadus morhua*) growth between 1956 and 1966 compared to growth between 1978 to 1985, on the Scotian Shelf and adjacent areas
- P:2 Withdrawn
- P:3 D.K. Kimura Variation in the growth of sablefish (*Anoplopoma fimbria*) in the Northeast Pacific Ocean
- P:4 M. Jobling The influence of environmental temperature on growth and conversion efficiency in fish
- P:5 H. Gjøsæter *et al.* Growth of capelin in relation to zooplankton biomass in the Barents Sea
- P:6 M. Kerstan Seasonal uncoupling of otolith and somatic growth in South African pilchard (*Sardinops Sagax*) and its applications
- P:7 J-D Dutil and Y. Lambert Potential bias in growth rate measurements associated with differential mortality of cod in poor condition: the case of cod in the Northern Gulf of St. Lawrence
- P:8 Withdrawn
- P:9 J. Schou Christiansen Food consumption and growth rate variations in male and female polar cod (*Boreogadus saida*)
- P:10 V.K. Ozhigin *et al.* Growth of Arcto-Norwegian cod in dependence of environmental conditions and feeding
- P:11 M.S. Shevelev Regularities of spotted wolffish (*Anarhichas minor Olafsen*) growth
- P:12 M.V. Kovtsova Changes in growth and maturation of the Barents Sea plaice (*Pleuronectes platessa* L.) in 70s-90s
- P:13 C. Clemmesen and T. Doan Does the otolith structure reflect the nutritional condition of a fish larva? - a comparison of otolith structure and biochemical index (RNA/DNA ratio) determined on cod larvae
- P:14 P.A. Shelton *et al.* Factors influencing weight at age of cod off eastern Newfoundland (NAFO Divisions 2J+3KL)

**THEME SESSION ON INTERMEDIATE-SCALE PHYSICAL PROCESSES AND THEIR  
INFLUENCE ON THE TRANSPORT AND FOOD ENVIRONMENT OF FISH (Q)**

	Q:1	T. Osborn	Larval feeding and survival: the role of turbulence
like mott.	Q:2 Poster	A. Corten <i>et al.</i>	Hydrographic variability in the southern North Sea and its effect on the fish community
%	Q:3		<u>Withdrawn</u>
	Q:4	E. Wolanski and P. Doherty	Fate of coral and fish larvae around coral reefs
	Q:5	M.A. St. John <i>et al.</i>	The influence of hydrographic processes on plankton distribution and production in the Bornholm Basin, Baltic Sea
%	Q:6		<u>Withdrawn</u>
	Q:7	Hideaki Nakata <i>et al.</i>	The tidal front and eddy in Osaka Bay: Its implication for distribution and survival of fish larvae
	Q:8	S. Skreslet	Spawning of <i>Calanus finmarchius</i> related to meso-scale environmental structures in Norwegian shelf break front
	Q:9 Poster	J.Laanemets <i>et al.</i>	Fine scale intrusions: one link in the chain of nutrient transport
	Q:10	J.E. Beyer	Functional heterogeneity: using the interrupted poisson process (IPP) model unit in addressing how food aggregation may affect fish ration
%	Q:11		<u>Withdrawn</u>
like mott.	Q:12	A.J Hermann <i>et al.</i>	Interannual variability of mesoscale eddies and patchiness of young walleye pollock as inferred from a spatially explicit, individual-based model
	Q:13	S. Kimura <i>et al.</i>	Biological productivity of meso-scale eddies caused by frontal disturbances in the Kuroshio
	Q:14 Poster	N.V. Mukhina <i>et al.</i>	The influence of the oceanographic fields on the abundance of <i>Sebastes mentella</i> and cod at the early life history
	Q:15	D.G. Reid <i>et al.</i>	Cross-shelf processes north of Scotland in relation to the southerly migration of western mackerel
%	Q:16	C.D. Maravelias and D.G. Reid	Spatial relationships between herring, plankton and oceanographic conditions in the North Sea (ICES Div. IVa)
like mott.	Q:17 Poster	N. Bailey <i>et al.</i>	The influence of hydrographic factors on <i>Nephrops</i> distribution and biology
	Q:18	P.J.S. Franks	New models for the exploration of biological processes at fronts

- Q:19 G. Harding *et al.* Studies on the effect of the frontal zone on the Northern face of Georges Bank, Gulf of Maine, on larval lobster and plankton distribution
- Q:20 Withdrawn
- Q:21 Poster L.S. Incze *et al.* Turbulence-modified profiles of feeding conditions for larval cod (*Gadhus Morhua*) on Georges Bank during spring
- Q:22 B. MacKenzie and M. St. John Patchiness of plankton and abiotic variables: at what scales and turbulence levels do distributions differ?
- Q:23 P. Munk The concentration of larval cod and its prey in the zone of a hydrographic front
- Q:24 Withdrawn
- Q:25 E. Svendsøn *et al.* Drift patterns of spring spawned herring larvae (*Clupea harengus* L.) along the Norwegian shelf
- Q:26 F.E. Werner *et al.* Larval trophodynamics, turbulence, and drift on Georges Bank: resolving the differences between cod and haddock
- Q:27 T. Osborn Is scale a path to the holy grail?

**THEME SESSION ON MARICULTURE: UNDERSTANDING ENVIRONMENTAL INTERACTIONS (R)**

<p>R:1 i like mott.</p>	M. Héral <i>et al.</i>	Benthic effects of biodeposition of oyster culture in mesotidal estuarine conditions
<p>R:2 /o</p>	M Héral and C. Bacher	Biological requirements of shellfish culture: physiological demand and trophic capacity of coastal ecosystems
R:3	A.B. Karasev <i>et al.</i>	Salmon rivers of the Kola Peninsula. Salmon lice ( <i>Lepiotheirus salmonis</i> Krøyer) on Atlantic salmon ( <i>Salmo salar</i> L.) from the Varzuga River
R:4	P.A. Gillibrand and W.R. Turrell	Modelling the environmental impact of new and existing fish farms in Scottish sea lochs
R:5	K. Veitola <i>et al.</i>	Evaluation of environmentally sustainable aquaculture by decision analysis
R:6	W. Silvert	Modelling environmental interactions of mariculture
<p>✓ R:7 i like mott.</p>	A. Ervik <i>et al.</i>	Regulation of environmental effects of mariculture in Norway
<p>R:8 /o</p>	H. Rosenthal	Strategic Planning Workshop
R:9	B. O'Connor	Studies on Sea Lice Larvae <i>Lepeophtheirus salmonis</i> Krøyer on the West Coast of Ireland
<p>o R:10 i like mott.</p>	I.A. Govorin	The effect of mussel mariculture on the quality of the marine environment: sanitary-bacteriological aspects

**THEME SESSION ON IMPROVING THE LINK BETWEEN FISHERIES SCIENCE AND MANAGEMENT II: CAN WE MANAGE FISHERIES BY TECHNICAL MEASURES ALONE? (S)**

- S:1 T. Vedsmand and J. Raakjær Nielsen Devolved fisheries management systems: A discussion on implementation of alternative fisheries co-management models in Denmark
- S:2 J. Rice and L. Richards Effectiveness of three technical measures in the management of the British Columbia rockfish trawl fishery
- S:3 J. L. Suárez de Vivero The role of fishing organizations in the management of fisheries: traditional and industrial organizations
- S:4 D. Ralph Matthews Mere anarchy?: Canada's "Turbot War" as constructed management
- S:5 K. Nedreaas *et al.* Biological and economic implications of a multi-gear fishery for Greenland halibut (*Reinhardtius hippoglossoides*)
- S:6 V. Marin Beyond technical measure, the problem of agents coordination
- S:7 M.S. Motzfeldt and P.G. Madsen Employment impact assessment in fishing dependent regions
- S:8 A.I.L. Payne and K.L. Cochrane How management and science are trying to develop fisheries policy in South Africa
- S:9 J.P. Hillis and R. Arnason Why fisheries cannot be managed by technical measures alone: a comparison of selected fisheries inside and outside the European Union
- S:10 Withdrawn
- S:11 D.E. Lane and R.L. Stephenson Matching technical measures with multiple objectives through co-management
- S:12 K.M. Sokolov Restriction of young fish by-catches as one of fishery management measures
- S:13 Withdrawn
- S:14 P.C. Young Australia's northern prawn fishery - a case study for the use of jurisdictional, economic and biological input control measures to ensure sustainability
- S:15 H. Frost and N. Vestergaard An operational approach to assess effort regulation, subject to different management objectives
- S:16 H. Frost *et al.* The impact of the EU decommissioning scheme with particular respect to Denmark and the Netherlands
- S:17 S. Christensen A bioeconomic evaluation of management strategies in the Greenland shrimp fishery
- S:18 S. des Clers *et al.* Technical measures can work if effort is controlled

- S:19 C.E. Tucker Overcapacity and economic performance - a methodology for estimating the benefits of fishing fleet structural adjustment
- S:20 A.R. Couper Territorial and property rights as a basis for community-oriented management within the CEP

**THEME SESSION ON CONSEQUENCES OF MANIPULATION/MANAGEMENT OF  
NUTRIENT FLUXES ON NUTRIENT-FOODWEB INTERACTIONS (T)**

	T:1	E. Sakshaug <i>et al.</i>	Maricult research programme: fertilising the sea to harvest more
o	T:2		Withdrawn
o	T:3	K. Nitschke	Biomass and quantitative investigations of the macrobenthos in two localities in the Limfjord, Denmark: shortterm effects of oxygen depletion in relation to depth distribution
o	T:4		Withdrawn
o	T:5	S. Beddig <i>et al.</i>	Nitrogen Fluxes in the German Bight
	T:6	A. Jarre-Teichmann	Seasonal mass-balance models of carbon flow in the central Baltic Sea with emphasis on the upper trophic levels
	T:7	U. Sommer	Eutrophication related changes in phytoplankton species composition: is there a role of nutrient competition?
	T:8	K-J Hesse <i>et al.</i>	Nutrient-phytoplankton relations in the German Wadden Sea
	T:9	T.C. Prins <i>et al.</i>	The effects of top-down control on nutrient-phytoplankton relations: results from mesocosm experiments
	T:10	V. Escaravage <i>et al.</i>	The response of phytoplankton communities to n-input reduction results from mesocosm experiments



**JOINT SESSION ON IMPROVING SPECIES SELECTIVITY IN MIXED  
SPECIES FISHERIES (B+G+H+J+K)**

B+G+H+J+K:1	A. Engås and C.W. West	Development of a species-selective trawl for demersal gadoid fisheries
B+G+H+J+K:2	D. Wileman	Review of the progress made in Denmark in the development of species selective gears
B+G+H+J+K:3	C.S. Wardle	A review of fish behaviour in relation to species separation and selectivity in mixed fisheries
<i>like molt</i> B+G+H+J+K:4	J. Robertson and A.M. Shanks	Experiments with rigid grids in the <i>Nephrops</i> and whitefish trawl fisheries
B+G+H+J+K:5	B. van Marlen	Recent developments in selective mid-water trawling EC-project TE-3-613 (SELMITRA)
B+G+H+J+K:6	W. Weber	Estimation of cod discards caused by the fishery on roundfish in the German Bight 1982-1994
<i>like molt</i> B+G+H+J+K:7	W. Weber	Discarding practices by the main fisheries in the German Bight

## ACFM - ADVISORY COMMITTEE ON FISHERY MANAGEMENT

ACFM:1 Agenda ACFM Consultations at the 1995 Annual Science Conference

### ASSESSMENT WORKING GROUP REPORTS - 1995

- Assess:1 Working Group on the Assessment of Northern Shelf Demersal Stocks
- Assess:2 Working Group on the Assessment of Mackerel, Horse Mackerel, Sardine and Anchovy
- Assess:3 Arctic Fisheries Working Group
- Assess:4 Study Group on the Biology and Assessment of Deep-Sea Fisheries Resources
- Assess:5 Working Group on the Assessment of Norway Pout and Sandeel
- Assess:6 Working Group on the Assessment of Southern Shelf Demersal Stocks
- Assess:7 Blue Whiting Working Group
- Assess:8 Working Group on Assessment of Demersal Stocks in the North Sea and Skagerrak
- Assess:9 Atlanto-Scandian Herring and Capelin Working Group
- Assess:10 Planning Group on Multispecies Assessments of Boreal Systems
- Assess:11 Ref. D Working Group on Methods of Fish Stock Assessment
- Assess:12 Working Group on *Nephrops* Stocks
- Assess:13 Herring Assessment Working Group for the Area South of 62°N
- Assess:14 Ref. M Working Group on North Atlantic Salmon
- Assess:15 Working Group on Long-Term Management Measures
- Assess:16 Ref. M Baltic Salmon and Trout Assessment Working Group
- Assess:17 Ref. J Study Group on Data Preparation for the Assessments of Demersal and Pelagic Stocks in the Baltic
- Assess:18 Working Group on the Assessment of Demersal and Pelagic Stocks in the Baltic
- Assess:19 North-Western Working Group
- Assess:20 Ref. N ICES/NAFO Working Group on Harp and Hooded Seals
- Assess:21 Ref. G Study Group on the Biology and Assessment of Deep-Sea Fisheries Resources

## ACME - ADVISORY COMMITTEE ON THE MARINE ENVIRONMENT

ACME:1

Agenda, ACME Consultations at the 1995 Annual Science Conference

## ENV - ENVIRONMENT-RELATED WORKING GROUP REPORTS

*take note.*  
✓  
Env:1  
Ref. C+E

Steering Group on Processes of Pollutant Transfer and Effects on Biota

Env:2  
Ref E

Joint Meeting of the Working Group on Marine Sediments in Relation to Pollution and the Working Group on Biological Effects of Contaminants

Env:3  
Ref E

Working Group on Biological Effects of Contaminants

Env:4  
Ref. E

Working Group on Marine Sediments in Relation to Pollution

Env:5  
Ref. E

Working Group on Environmental Assessment and Monitoring Strategies

*take note.*  
✓  
Env:6  
Ref. C+E

Workshop on Metals in Estuaries (No meeting held)

Env:7  
Ref D+E

Joint Meeting of the Working Group on Environmental Assessment and Monitoring Strategies and the Working Group on Statistical Aspects of Environmental Monitoring

Env:8  
Ref. C+E

Marine Chemistry Working Group

✓  
Env:9  
Ref. E+F

Working Group on Introductions and Transfers of Marine Organisms

Env:10  
Ref. E

ICES/HELCOM Workshop on Temporal Trend Assessment of Data on Contaminants in Biota from the Baltic Sea

## JOINT MEETING ACFM/ACME

Assess/Env:1 Working Group on Ecosystem Effects of Fishing Activities  
Ref. G

**Documents not received or withdrawn from the ICES Annual Science Conference  
1995**

**B Fish Capture Committee** ✓

Withdrawn B:7, 27

Posters B:11, 14, 31

Not Received B:13, 29, 30, 32, 33

Not Enclosed B:3. This paper will be published as a **Cooperative Research Report**

**C Hydrography Committee** ✓

Withdrawn C:13

Posters

Not Received

**D Statistics Committee** ✓

Withdrawn D:18

Posters

Not Received D:5, 7, 16

**E Marine Environmental Quality Committee** ✓

Withdrawn

Posters E:8

Not Received E:10, 11

No Paper E:15 Oral presentation.

**F Mariculture Committee** ✓

Withdrawn F:18

Posters

Not Received F:7, 12

**G Demersal Fish Committee** ✓

Withdrawn G:8, 13, 18, 36

Posters G:33

Not Received G:21

**H Pelagic Fish Committee** ✓

Withdrawn H:4, 5, 10, 13, 16, 20

Posters H:18

Not Received H:26, 33

**J Baltic Fish Committee** ✓

Withdrawn J:11, 28

Posters

Not Received J:16

**K Shellfish Committee** ✓

Withdrawn K:15, 25, 38, 46, 51, 52

Posters K:24, 42, 43,

Not Received K:14, 19, 27, 28, 30, 34

*withdrawn*



**L Biological Oceanography Committee** ✓

Withdrawn L:12, 23, 26

Posters

Not Received L:10, 11, 13, 16, 27

**M Anacat Fish Committee** ✓

Withdrawn M:2, 7, 14, 18, 32, 44

Posters M:4, 5, 29, 33, 34, 36

Not Received M:6, 8, 24, 26, 30

**N Marine Mammals Committee** ✓

Withdrawn N:4, 23

Posters

Not Received N:8

**Mini Mini Symposium**

Withdrawn Mini:12, 13

Not Received Mini:1, 5, 8, 17 ✓

**O Ballast Water: Ecological and Fisheries Implications** ✓

Withdrawn

Posters P:5, 9

Not Received P:6, 7, 12

**P Causes of Observed Variations in Fish Growth** ✓

Withdrawn P:2, 8

Posters

Not Received

**Q Intermediate-Scale Physical Processes and their Influence.....** ✓

Withdrawn Q:3, 6, 11, 20, 24

Posters Q:2, 9

Not Received Q:16, 27

**R Mariculture: Understanding Environmental Interactions** ✓

Withdrawn

Posters

Not Received R:8, 10

**S Improving the Link Between Fisheries and Management II** ✓

Withdrawn S:10, 13

Posters

Not Received S:4, 18

**T Consequences of Manipulation/Management of Nutrient Fluxes on.....** ✓

Withdrawn T:2, 4

Posters

Not Received





**B+G+H+J+K Joint Session**

Withdrawn

Posters

Not Received B+G+H+J+K:4, 7



**Assess Assessment Working Group Reports**

Withdrawn

Posters

Not received



**Env Environment-Related Working Group Reports**

Withdrawn

Posters

Not Received Env:1, 6

**Joint Meeting ACFM/ACME**

Withdrawn

Posters

Not Received

