INTERNATIONAL COUNCIL FOR THE EXPLORATION OF THE SEA CONSEIL INTERNATIONAL POUR L'EXPLORATION DE LA MER

COUNCIL MEETING 1988

CONTRIBUTIONS TO BE PRESENTED AT THE 76TH STATUTORY MEETING

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GEN - GENERAL ASSEMBLY REPORTS AND PAPERS OF GENERAL INTEREST

Gen:1	Observers' reports from cooperating organisations
Gen:2	ICES activities in 1987/1988
Gen:3	Elections of standing scientific Committee Chairmen at the 76th Statutory Meeting (E + F) $$
Gen:4	Advance Release of Tables 1-6 of Bulletin Statistique, Vol. 72, 1987
Gen:5	Withdrawn.
Gen:6	Oceanographic Data Centres in the ICES Community - 1988 issue

DEL- DELEGATES DOCUMENTS

Del:1*	Audited accounts for the financial year 1986/1987 with balance sheet at 31/10 1987
Del:2*	Preliminary report on administration for the year 1 November 1987 to 1 October 1988
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Del:8*	Appointment of new General Secretary
Del:9*	Scale of national contributions to ICES budgets
Del:10*	Ministerial Declaration from 2nd International Conference on the Protection of the North Sea
Del:11*	Representation by Faroe Islands and Greenland Scientific Institutions on ICES Committees

^{*}For Delegates only.
(E+F) = in English and French.

FI - FINANCE COMMITTEE

Fi:1* Agenda for the Finance Committee

PUB - PUBLICATIONS COMMITTEE

Pub:1*	Agenda for the Publications Committee
Pub:2*	Publication activities in 1987/1988
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	REFERENCE PAPERS FOR THE PUBLICATIONS COMMITTEE

E:36	The Editor's Report on Techniques in Marine Environmental Sciences
F:43	 Report of the Editors of the Disease Sheets
L:27	Report of the Editor of the Plankton Sheets, 1987/1988.

^{*}For the relevant Committees only.

A - CONSULTATIVE COMMITTEE

A:1		Agenda for the Consultative Committee
A:2		Report of the Programme Planning Group Meeting, ICES Headquarters, 27-28 May 1988
A:2 Addei	ndum	Future policy with regard to Theme sessions
A:3		Report of Steering Group on IREP, Copenhagen, 1-3 June 1988
A:4	H J L Heessen, J R G Hislop, D Harding and N Daan	A proposed Atlas of North Sea Fishes - a discussion document
A:5	J Ramster	Marine resource atlases: an idea that has found its time?
A:5 A:6	J Ramster	Marine resource atlases: an idea that has found its time? Minutes of ACFM Meeting, 16-26 May 1988
	J Ramster	
A:6	J Ramster	Minutes of ACFM Meeting, 16-26 May 1988
A:6 A:7	J Ramster	Minutes of ACFM Meeting, 16-26 May 1988 Minutes of ACMP Meeting, 14-23 June 1988 Recommendations from Assessment and Related Working
A:6 A:7 A:8	J Ramster D N MacLennan	Minutes of ACFM Meeting, 16-26 May 1988 Minutes of ACMP Meeting, 14-23 June 1988 Recommendations from Assessment and Related Working Groups Composition of the Advisory Committee on Marine Pollution

B - FISH CAPTURE COMMITTEE

B:1		Report of Activities, 1987
B:2 Sess.P	K G Foote	Designing an improved transducer array geometry
B:3 Sess.P	K G Foote	"Cylindrical sonar design for fish echo surveying
B:4 Sess.P	K G Foote	Summary of methods for measuring fish target strength
B:5 Sess.P	K.G. Foote	Acoustic sampling volume versus equivalent beam angle
B:6 Ref.L Sess.P	I Everson et al.	Target strength of Antarctic krill (Euphausia superba)
B:7 Sess. P	N Kjærgaard and K-J Stæhr	Calibration of the equivalent beam angle of a split beam echosounder by a passive acoustic system
B:8 Sess.P	P.Degnbol	A calibration method for split beam echo sounders including calibration of directivity compensation and level
B:9 Ref.K Sess.Q	A Nicolajsen	Estimation of selectivity by means of a vertically split $\underbrace{\text{Nephrops}}_{}$ trawl
B:10 Ref. G+H Sess.P	S Ehrich	On the variability of the species dominance in bottom hauls within a small area in the North Sea
B:11 Sess. P	H Bodholt, H Nes and H Solli	\boldsymbol{A} new echo sounder system for fish abundance estimation and fishery research
B:12		Withdrawn.
B:13 Sess.P	B S Nakashima	Escapement from a midwater trawl during capelin acoustic surveys
B:14	F A Veenstra	Economical noise control on Dutch beam trawlers
B:15	W C Blom	Why few Dutch beam trawlers use a controllable pitch propeller
B: 16	B van Marlen	$\ensuremath{\mathtt{A}}$ note on the investment appraisal of new fishing techniques
B:17 Sess. Q	Yu.A. Kondra- tyuk, S F Lisovsky and A K Chumakov	On the optimal mesh size in trawl codend in the directed beaked redfish fisheries in the Irminger Sea

B:18	M L Zaferman and L I Serebrov	Underwater techniques for quantitative assessment of commercial bottom organisms
B:19 Ref.J Sess.Q	S E Shevtsov	Selective properties of trawl cod-ends with various mesh shapes for Baltic herring fishery
B:20 Sess. Q	S F Efanov and I G Istomin	Survival of Alaska pollock and selective properties of trawl codends
B:21 Ref.G Sess. Q	N V Kokorin, S F Efanov and M N Kovalenko	Increasing the efficiency of the methods for estimating the length-age composition of the fished population with bottom long-lines
B:22 Ref. G+H	E A Karpenko A I Treschev and V N Dudov	Experience in using the method of fished volumes to analyse fish stock and fishing
B:23 Sess.P	R Kieser	An extension of the dual beam algorithm
B:24 Ref. H	A K Beltestad and O A Misund	Behaviour of Norwegian spring-spawning herring in relation to underwater light
B:25	A K Beltestad and O A Misund	Optimization of purse seines by large meshed sections and low lead weight. Theoretical considerations, sinking speed measurements and fishing trials
B:26 Sess. P	O A Misund and J T Øvredal	Acoustic measurements of schooling herring, estimation of school biomass and target strength
B:27 Sess.P	O A Misund	Sonar observations of schooling mackerel during purse seining
B:28 Sess. Q	B Isaksen and R B Larsen	Codend selectivity of the Danish seine investigated by the trouser trawl method
B:29	B Isaksen and R B Larsen	Height and spread of the Danish seine
B:30 Sess.Q	W Dickson	Size selectivity of trawl gear in Arctic surveys
B:31 Ref. G	A Engås, J A Jacobsen and A V Soldal	Catch comparison between rockhoppers and bobbins ground gear on the Norwegian bottom sampling trawl
B:32 Ref. G	A Engas, J A Jacobsen and A V Soldal	Diurnal changes in bottom trawl catches and vertical fish distribution

B:33	A Bjordal and D Furevik	Full scale fishing trials for tusk (<u>Brosme</u> <u>brosme</u>) and cod (<u>Gadus</u> <u>morhua</u>) with a collapsible fish trap
B:34	S Floen, B Totland and J T Øvredal	Automatic recording of fish heart rate on a personal computer
B:35 Sess. P	S Floen, B Totland and J T Øvredal	PC-based echo integration system for fish behaviour studies
B:36 Ref. H	E Ona and R Toresen	Reactions of herring to trawling noise
B:37		Withdrawn.
B:38		Report of the Working Group on Fishing Technology and Fish Behaviour, Ostende, 18-19 April 1988*
B:39		Intermediate Report of the Study Group on Net Drawing
B:40		Withdrawn.
B:41 Sess. P	K Olsen and I Ahlquist	Avoidance behaviour in herring during passage of a vessel, indicated by measurements of doppler shift in echo signals
B:42 Sess. P	K Olsen and I Ahlquist	Target strength of fish at various depths, observed experimentally $% \left(\frac{1}{2}\right) =\frac{1}{2}\left(\frac{1}{2}\right) +\frac{1}{2}\left(\frac{1}{2}\right) +\frac{1}{2}\left$
B:43 Sess.F	P Suuronen	Behaviour of Baltic herring in front of and inside midwater trawls as revealed by echo sounding
B:44 Sess. P	R Kieser and E Ona	Comparative analysis of split beam data
B:45 Sees. P	P Reynisson	Target strength measurements with an ES400 split-beam echo sounder
B:46	H Leitzke and H Stengel	Calculation of submerged in water rope and net systems moved with acceleration
B:47 Sess. Q	S Reeves and P Stewart	Simulating the effect of codend shape on selectivity
B:48 Sess. POSTER		Selectivity of cod, haddock and whiting by Scottish seines
B:49		Report on the Joint Session between FTFB and FAST Working Groups, Ostende, 20 April 1988

B:50	Report of the Working Group on Fisheries Acoustic Science and Technology (FAST), Ostend, 20-22 April 1988
B:51 J P Hillis Ref.K and Sess. J Carroll Q	Further experiments with separator trawls in the Irish Sea
B:52 P Freon Ref.H et Sess. F Gerlotto P	Mise au point d'outils méthodologiques pour l'étude des biais induits par le comportement de poissons pélagiques dans les évaluations par hydro-acoustique
B:53 F Gerlotto Ref.H et Sess. P Freon P	Structure et comportement des bancs de poissons pélagiques côtiers tropicaux, leurs conséquences sur les évaluations acoustiques
B:54 E Marchal Sess.P	Investigations into the meaning of the number of echoes, the averaged squarred voltage and the possibility to use it for scaling an echo-intergrator \underline{in} \underline{situ}
B:55 J Zaucha Sess. and Q J Netzel	Results of selectivity investigations on cod-ends of cod trawls
B:56 Ref. G+L	Report of the Study Group on the Effects of Bottom Trawling, IJmuiden, 24-26 May 1988
B:57 P-0 Larsson, Sess. B Claesson Q and L Nyberg	Catches of undersized cod in codends with square and diamond meshes
B:58 E J Simmonds Ref. and D D N MacLennan Sess.P	Survey and data analysis procedures
B:59 K A Hansen Sess.P	New towed transducer concept

REFERENCE PAPERS FOR THE FISH CAPTURE COMMITTEE

J:4, J:29, J:31, K:14

C - HYDROGRAPHY COMMITTEE

C:1 Ref.E Sess.S	3	Report of the Marine Chemistry Working Group, The Hague, 7-11 March 1988
C:2	M J Howarth	Current meter data processing
C:3	J W Read, K J Medler and S R Jones	Intercomparisons of Valeport BFM208, Aanderaa RCM4S and Plessey MO21F current meters in the Irish Sea
C:4 Ref. E	R R Dickson et al.	A preliminary trend analysis for nitrate in the western North Sea west of $^{\rm 3}$ E
C:5 Ref.E	P J Kershaw P A Gurbutt and A K Young	Use of $^{234}\text{Th}/^{238}\text{U}$ data to control scavenging in a water quality model
C:6	K J Medler	Procedures for processing current meter records at Lowestoft
C:7	C R Griffiths and N MacDougall	Current meter use and analysis at SMBA, Oban
C:8	P C Smith and D J Lawrence	An intercomparison of near-surface current measurements off southwest Nova Scotia
C:9	L Rickards	The UK National Oceanographic Data Centre - Current meter data quality control and banking
C:10		Report of the Study Group on Aerospace Remote Sensing
C:11	J M Cabanas <u>et</u> <u>al</u> .	Hydrographic conditions off the Galician coast, northwest of Spain, during an uwelling event
C:12	R A Myers, S A Akenhead and K Drinkwater	The North Atlantic oscillation and the ocean climate of the Newfoundland shelf
C:13	T Gytre	Automatic calibration of the sensors used in a miniature STD instrument
C:14		Withdrawn.
C:15	L G Golmen and M Mork	Investigations of coastal fronts
C:16	S Carlberg and L Føyn	Stimulated growth and safeguarding of ICES oceanographic data bank. A discussion paper

C:17	G Becker and B Hansen	Modified North Atlantic water
C:18		Report of the Working Group on Oceanic Hydrography, Copenhagen, 4-5 February 1988
C:19		Report of the Working Group on Marine Data Management, Reykjavik, 14-17 June 1988
C:20		Report of the Working Group on Shelf Seas Oceanography, Reykjavik, 14-16 June 1988
C:21	H D Dooley	Hydrographer's Report
C:22 Ref. H		Hydrochemical conditions during IYFS 1988
C:23 Ref. E	S Fonselius	Long-term trends of dissolved oxygen, pH and alkalinity in the Baltic deep basins
C:24 Ref.	S Fonselius et al.	Chemical results of the grid program of the pathciness experiment 1986 in the Baltic Sea $$
C:25	C Maillard	How long must a time series be to get the primary statistics?
C:26	H Dahlin and K Wikström	A comparison between a profiling doppler current meter and conventional rotor-type current meters
C:27 Ref.E	H Dahlin	A review of current Swedish marine water quality modelling
C:28	S Østerhus and L G Golmen	Comparison of ADCP data against moored current meter data and calculated geostrophic currents
C:29	B Hansen, Odd H Sælen and S Østerhus	The passage of Atlantic water east of the Faroe Islands
C:30 POSTER	H Loeng	The basic driving force: large-scale oceanographic changes
C:31	B Sundby	Sediment water exchange processes
C:32	E Svendsen, R Sætre and M Mork	Northern North Sea circulation during early fall
C:33	T Wojewodzki	Oceanographic conditions of Gdansk Bay in 1987
C:34	J Piechura	Cold and warm winters in the Southern Baltic region

C:35 Ref.L POSTER	H D Dooley	Retrieval of ROSCOP cruise information using a personal computer
C:36		Withdrawn.
C:37	D Pillsbury	High quality current meter data — who need it and how do we collect it? $% \left(\frac{1}{2}\right) =\frac{1}{2}\left(\frac{1}{2}\right) +\frac{1}{2}\left(\frac{1}{2}\right) +1$
C:38	J H A Martin	Temporal salinity changes in the O-degree centigrade water in the Faroe-Shetland Channel
C:39 Ref. D POSTER	T Westgård and T Knutsen	Mapping of marine data
C:40	D Gregory	Current meter analysis at the Bedford Institute
C:41 POSTER	D M A Schaap	MARIS, an approach to marine information and data
C:42 POSTER	P Geerders	Blueprint '88
C:43 Ref. E	M Schwikowski et al.	Contribution of airborne nitrate and ammonium to the eutrophication of the North Sea
C:44 Ref. L	A Markus, P C G Glas and A van der Giessen	A simulation model of phytoplankton and water quality in the Southern Bight
C:45 POSTER	L J Rickards	Inventory of moored current meter data in ICES Member States
C:46 POSTER	TT Automation	Marine Data Mapping (pc MADAM)

REFERENCE PAPERS FOR THE HYDROGRAPHY COMMITTEE

E:3, E:5, E:20, E:29, G:66, H:69, L:3, L:4, L:14, L:24

D - STATISTICS COMMITTEE

D:1/ Ref.K	D A Stolyarenko	Local integral measurements: an advanced spline approximation method for trawl, echo sounding and television surveys
D:2 Ref. G	J Bertrand et R Chevalier	Estimateurs d'indices d'abondance dans le cas d'échantillonages stratifiés
D:3 Ref. G+H	P S Gasyukov	Method of tuning VPA by aggregate age groups
D:4 Ref. G	D A Stolyarenko	The spline approximation method for trawl`and acoustic surveys of demersal fish
D:5 Ref. K	D A Stolyarenko	Using spline survey designer software system before, during and after surveying
D:6 Ref. G+H	V V Blinov	Assessment of general, total fishing and natural mortalities for 46 fish stocks of the ICES area
D:7 Ref. H	J M Hoenig	Seasonally-adjusted age-length keys for real time estimation of age composition: application to Gulf of Mexico King Mackerel assessment
D:8 Ref. G+H +J	W W Fox Jr. and J M Hoenig	A stochastic stock recruitment model with stock-dependent pattern to the residuals: implications for understanding stock collapse and delayed recovery
D:9 Ref. G+H +J	V R Restrep J M Hoenig and W W Fox Jr.	Assessing uncertainty in stock production modelling
D:10 Ref. G+H +J	K H Pollock J M Hoenig and C M Jones	Estimating exploitation rate by combining a tagging study with catch sampling
D:11 Ref. J	H Sparholt	A stochastical integrated VPA for herring in the Baltic Sea with acoustic estimates as auxiliary information
D:12 Ref. G	H Arancibia	Cluster analysis: the use of a simple statistical method in the identification of groups
D:13 Ref. G	G Stefånsson	A statistical analysis of Icelandic trawler reports, 1973-1987

D:14 Ref. G+H		A simulation procedure to evaluate the efficiency of some otolith and length sampling schemes
D:15	ICES Statistician	Progress Report, 1987/1988
D:16 Ref. G	J A Pereiro	Use of catch ratios to obtain an upper limit of the exploitation ratio over young age classes of the stock of hake
D:17	J A Pereiro and P Pillares	LCA behaviour in transition periods
D:18 Ref. G	S Brunenmeister and J Palmer	An analysis of spatio-temporal patterns of fishing effort on Georges Bank during 1977 to 1986 with particular reference to the fishery for Atlantic cod
D:19	V V Blinov	A geometrical approach to analysis of system 'population fecundity - survival - recruitment
D:20	P Lewy	Assessments of North Sea cod and haddock based on two new tuning methods applying commercial catch, effort and research vessel data
D:21	G Y Conan, <u>et</u> <u>al</u> .	Geostatistical analysis of spatial distribution in a school of herring $% \left(1\right) =\left(1\right) \left($
D:22 Ref. G	D J Agnew et al.	Development of a computerized system for collection of marine fisheries data
D:23		Report of the $\underline{ad\ hoc}$ Inter-Agency Consultation on Atlantic Fishery Statistics, Bergen, 1 October 1988

REFERENCE PAPERS FOR THE STATISTICS COMMITTEE

B:58, C:39, E:4, E:6, G:63, H:48, K:15

E - MARINE ENVIRONMENTAL QUALITY COMMITTEE

E:1		Report of Activities, 1987
E:2		Report of the Working Group on the Effects of Extraction of Marine Sediments, Burnham-on-Crouch, England, 7-9 March 1988
E:3 Ref. C	B I Dybern and H P Hansen (Eds.)	Patchiness Experiment (PEX-'86). Part 1. General Report
E:4 Ref.D	R K Misra, J F Uthe, C J Musial and C L Chou	The analysis of time trends in contaminant levels in Canadian Atlantic cod (<u>Gadus morhua</u>). Time trends, 1977-1985, employing a multivariate linear model
E:5 Ref. C	P A Yeats	Processes affecting trace metal fluxes through the St.Lawrence estuary
E:6 Ref. D	R K Misra J F Uthe and W Vyncke	Introducing a weighted procedure of analysing for time trends in contaminant levels in CMP data: application to cod and flounder data of the Belgian coast (1978-1985)
E : 7	D Bucke and K Stokes	Fish disease monitoring on the 1987 North Sea groundfish survey
E:8 Sess.R POSTER	D Bucke and S W Feist	Can fish diseases affect fish stocks?
Sess.R	and	Can fish diseases affect fish stocks? Re-appraisal of the James Johnstone collection of examples of diseased fish materials
Sess.R POSTER	and S W Feist F Heron	Re-appraisal of the James Johnstone collection of
Sess.R POSTER E:9 E:10 Ref.	and S W Feist F Heron et al. T W Fileman P Matthiessen and J E Thain	Re-appraisal of the James Johnstone collection of examples of diseased fish materials A comparison of HPLC and mouse bioassay techniques for
Sess.R POSTER E:9 E:10 Ref. K E:11 Sess R	and S W Feist F Heron et al. T W Fileman P Matthiessen and J E Thain	Re-appraisal of the James Johnstone collection of examples of diseased fish materials A comparison of HPLC and mouse bicassay techniques for the determination of paralytic shellfish poisoning toxins Death in the estuary: anti-fouling paints - deliverance
Sess.R POSTER E:9 E:10 Ref. K E:11 Sess R POSTER	and S W Feist F Heron et al. T W Fileman P Matthiessen and J E Thain	Re-appraisal of the James Johnstone collection of examples of diseased fish materials A comparison of HPLC and mouse bioassay techniques for the determination of paralytic shellfish poisoning toxins Death in the estuary: anti-fouling paints - deliverance after a decade Metal contamination in sediments from Liverpool docks and

E:15 Sess. S		Report of the ICES Study Group on Patchiness Workshop on PEX '86, Wustrow, German Democratic Republic, 17-23 April, 1988
E:16	L R Monteiro and H D Lopes	Mercury levels in swordfish, <u>Kiphias gladius</u> L., in relation to length and sex: preliminary results
E:17 Ref.L	D C Moore and J Briggs	Changes in the benthos around the Montrose oil platform
E:18	L Føyn and B Serigstad	Oil exploration in new offshore fields. Fish larvae as the critical component in the assessment of potential consequences for the fish resources
E:19	L Føyn and B Serigstad	The effects of oil-based mud on demersal fish eggs
E:20 Ref. C	L Føyn	Are nutrients and nutrient-related parameters suitable in trend monitoring of anthropogenic influence?
E:21	H Pieters, P F Otte and B Verboom	Organobromine in marine and freshwater fishery products
E:22	L Karbe <u>et al</u> .	Heavy metals in fish and benthic organisms from the northwestern, central and southern North Sea. Regional patterns comparing dab, blue mussel and hermit crab (<u>Limanda limanda</u> , <u>Mytilus</u> edulis, <u>Pagurus bernhardus</u>)
E:23	V Dethlefsen	Ten years' fish disease studies of the Federal Research Board Hamburg
E:24	V Dethlefsen and T Lang	Skeletal deformities of cod ($\underline{\text{Gadus morhua}}$ L.) in the German Bight and the southern North Sea
E:25 Sess.S	;	Report of the Working Group on Marine Sediments in Relation to Pollution, Copenhagen, 14-18 March 1988
E:26 Sess.S	:	Report of the Working Group on the Biological Effects of Contaminants, Copenhagen, 5-8 April 1988
E:27 Sess.S	;	Report of the 1988 Meeting of the Working Group on Statistical Aspects of Trend Monitoring, Copenhagen, 12- 20 April 1988
E:28 Sess.S S	;	Report of the Working Group on Environmental Assessment and Monitoring Strategy, Norrköping, Sweden, 2-5 May 1988
E:29 Ref.C Sess.S	i .	Report of the Working Group on the Baltic Marine Environment, Rostock, 13-16 April 1988
E:30		Report of the Planning Group to Draw up Plans for a Seagoing 'Biological Effects Workshop'

E:31 Ref. N	Report of the Study Group on Effects of Contaminants in Marine Mammals
E:32	Preliminary report on Second Sea-Going Workshop on Studies of Fish Diseases and Parasites in relation to Pollution
E:33 S Mellergaard Sess.R and POSTER E Nielsen	Parasite-induced mortality in plaice (<u>Pleuronectes platessa</u>)
E:34 A H McVicar Sess.R POSTER	Disease as a component of natural mortality
E:35 D Schmidt	Trace metal distributions in sea water: two surveys covering the entire North Sea
E:36 Ref. Pub	The Editor's Report on Techniques in Marine Environmental Sciences
E:37 M Olsson Ref.N <u>et al</u> .	Dioxins and furans in seal blubber from Northern European waters

REFERENCE PAPERS FOR THE MARINE ENVIRONMENTAL QUALITY COMMITTEE

C:1, C:4, C:5, C:23, C:24, C:27, C:43, F:10, F:32, F:33, F:36, K:32, L:6, L:9, L:13, L:14, L:15, L:25, M:3

F - MARICULTURE COMMITTEE

F:1		Report of Activities, 1987 (with and Addendum)
F:2		Publications of interest to the Mariculture Committee
F:3	S Albrektsen and O J Torrissen	Physiological changes in blood and seminal plasma during the spawning period of maturing rainbow trout held under different temperature and salinity regimes, and the effect on survival of the brood-stock and the eyed eggs
F:4	H Kuhlmann, H Koops and H Wienbeck	Continuous quantitative analysis of dissolved gases by mass-spectrometry
F:5	C Fernandez- Pato	Planning of mariculture development
F:6	U Kils	Aspects of schooling behaviour for aquaculture
F:7	R Forés et al.	Induction of spawning in turbot ($\underline{Scophthalmus}$ $\underline{maximus}$ L.) by photoperiod control
F:8	J B Peleteiro et al.	Culture of larval turbot, $\underline{Scophthalmus}\ \underline{maximus}\ L.,$ using two different enrichment methods
F:9	J Sanchez et al.	Experimental feeding and growth of turbot (Scophthalmus maximus L.) from 0.5 kg to 2.7 kg in Galicia (Spain)
F:10 Ref. E	V L Torsvik, R Sørheim and J Goksøyr	Antibiotic resistance of bacteria from fish farm sediments
F:11	T N Pedersen et al.	LENKA - a nation-wide analysis of the suitability of the Norwegian coast and watercourses for aquaculture. A coastal zone management program
F:12		Withdrawn.
F:13 Ref. M	B Hjeltnes et al.	Vaccination of Arctic char ($\underline{Salvelinus}$ $\underline{alpinus}$) against vibriosis
F:14	O Samuelsen et al.	Organic waste and antibiotics from aquaculture
F:15 Ref. M	A Fernø, et al.	${\tt A}$ multiple approach to behaviour studies of salmon reared in marine net pens
F:16	A Bjordal <u>et al</u> .	Effects on salmon (\underline{Salmo} \underline{salar}) from different operational procedures in fish farming
F:17	A Bjordal	Cleaning symbiosis between wrasses (Labridae) and lice infested salmon (\underline{Salmo} \underline{salar}) in mariculture
F:18	I Huse et al.	The effects of shading in pen rearing of Atlantic salmon $(\underline{Salmo} \ \underline{salar})$

F:19	D M Furevik <u>et al</u> .	Surface activity of Atlantic salmon (\underline{Salmo} salar) in net pens
F:20		Report of the Working Group on Introductions and Transfers of Marine Organisms, Edinburgh, 31 May - 3 June 1988
F:21 Ref. K	R Bertran, J Lorec et J Guillaume	Utilisation d'aliments composés pour l'élévage des juvéniles de homard (<u>Homarus gammarus</u>)
F:22 Ref. K	C Cahu, A Sevère et P Quazuguel	Variation de la composition en lipides de <u>Penaeus indicus</u> au cours de son développement larvaire
F:23	J H Robin	Supplémentation minérale des proies pour les élévages larvaires de poisson: effet du selenium
F:24 Ref. K	N Devauchelee, P le Souchu et G Salaun	Influence de la température sur la maturation et la ponte de la palourde japonaise (<u>Ruditapes philippinarum</u>)
F:25	D Jollivet, J Gabaudan et R Metailler	Influence du traitement de l'amidon et de son taux d'incorporation ainsi que de la température et du rationnement sur la digestion chez le turbot (Scophthalmus maximus)
F:26	R Nortvedt	Behaviour and growth rate gain in Arctic char (Salvelinus
Ref. M	and J Chr. Holm	<u>alpinus</u>) and Atlantic salmon parr (<u>Salmo salar</u>) in mono- and duoculture when reared under two different densities
	J Chr. Holm	
M	J Chr. Holm	and duoculture when reared under two different densities
F: 32 Ref.E Sess.S	J Chr. Holm 1 K and L	and duoculture when reared under two different densities Withdrawn. Report of the Working Group on Environmental Impacts of
M F:27-3 F:32 Ref.E Sess.S F:33 Ref.E, Sess.S	J Chr. Holm 1 K and L K and L	and duoculture when reared under two different densities Withdrawn. Report of the Working Group on Environmental Impacts of Mariculture, Hamburg, 19-21 April 1988 Report of the Working Group on Harmful Effects of Algal Blooms on Mariculture and Marine Fisheries, Lisboa, 11-13
M F:27-3 F:32 Ref.E Sess.S F:33 Ref.E, Sess.S	J Chr. Holm 1 K and L K and L	withdrawn. Report of the Working Group on Environmental Impacts of Mariculture, Hamburg, 19-21 April 1988 Report of the Working Group on Harmful Effects of Algal Blooms on Mariculture and Marine Fisheries, Lisboa, 11-13 April 1988 Annex III to the Report of the Working Group on Harmful Effects of Algal Blooms on Mariculture and Marine
F:27-3 F:32 Ref.E Sess.S F:33 Ref.E, Sess.S F:33A Ref.E, Sess.S	J Chr. Holm 1 K and L	withdrawn. Report of the Working Group on Environmental Impacts of Mariculture, Hamburg, 19-21 April 1988 Report of the Working Group on Harmful Effects of Algal Blooms on Mariculture and Marine Fisheries, Lisboa, 11-13 April 1988 Annex III to the Report of the Working Group on Harmful Effects of Algal Blooms on Mariculture and Marine Fisheries - National Reports Canthaxanthin concentration in different coloured fillets of farmed rainbow trout (Salmo gairdneri R.) in relation

F:37 Sess.S		Report of the Working Group on Pathology and Diseases of Marine Organisms, Helsinki, 23-25 March 1988
F:38		Report of the Working Group on Mass Rearing of Juvenile Marine Fish, Vigo, 6-8 June 1988
F:39		Report of the Working Group on Genetics, Trondheim, 20-24 June 1988
	P Camus et H Rolland	Incidence des conditions de capture et de fixation (formol et alcool) sur les larves et post-larves de <u>Solea</u> <u>vulgaris</u> élevées au laboratoire
F:41	G Höner <u>et al</u> .	Growth of mullet ($\underline{\text{Liza}}$ $\underline{\text{ramada}}$) fed three commercial trout and eel feed in open and closed aquaculture systems
F:42 Sess.R POSTER	•	Salmon lice, <u>Lepeophtheirus</u> <u>salmonis</u>
F:43 Ref.Pu	b	Report of the Editors of the Disease Sheets
F:44	G Höner <u>et al</u> .	Effect of automatic belt-feeding on short-term growth and size variation of mullet (Chelon labrosus) fry

REFERENCE PAPERS FOR THE MARICULTURE COMMITTEE

G:3, G:4, G:6, K:22, L:13, L:15, and Mini-Symposium Nos. 1-6 and 8

G - DEMERSAL FISH COMMITTEE

G:1		Report of Activities, 1987 and Addendum
G:2 Sess. O	J Vazquez, X P Canalejo and	Rates of infestation of cod by $\underline{\text{Lernaeocera}}\ \underline{\text{branchialis}}\ \underline{\text{L.}}$ in ICES Division IIb
	J L G Escalante	
G:3 Ref.F POSTER	A Salvanes, J H Fosså and	Cod enhancement experiment in Masfjorden: the fish communities prior to large-scale release of young pond-produced cod
	J T Nordeide	
G:4 Ref.F POSTER	A Salvanes	Analysis of natural recruitment of cod in a fjord of western Norway by releasing tagged pond-produced cod
G:5	J T Nordeide and A Salvanes	The migration of coastal cod ($\underline{Gadus\ morhua}\ L.$) tagged in a fjord of western Norway
G:6 Ref.F POSTER	J T Nordeide and A Salvanes	Cod enhancement experiment in Masfjorden: migration and predation of densely stocked cod (\underline{Gadus} \underline{morhua} L.)
G:7	E Fahy	Irish fisheries for ray (Rajidae): sampling a multi- species product
G:8 Ref.H POSTER	H Heessen and the ICES Secretariat Computer Management Section	The International Young Fish Survey
G:9	Ph.Moquedet and N Perez	Estimation of the megrim (<u>Lepidorhombus wiffiagonis</u>) growth parameters, for males and females, from the ICES Sub-area VII, fitting to the von Bertalanffy model using resampling techniques, as well as several adjustable central values (mean, median and mode length at age)
G:10		Withdrawn.
G:11 Ref. H	P Degnbol, E Kirkegaard and P Lewy	A hydroacoustic survey of the eastern North Sea, Skagerrak and Kattegat August-September, 1987
G:12	P Lucio	Surplus energy allocation in some fish species of the North Sea $$
G:13	C T Macer and W G Parnell	North Sea cod: simulations of a closure of the spawning grounds
G:14	R S Millner, J D Riley and C L Whiting	Variability in abundance of 0- and 1-group plaice and sole on the east coast of England

G:15 Sess. R POSTER	-	Death by predation - A North Sea cod is helping with enquiries
G:16	G Rauck	Results of ottertrawl surveys 1985-1988 on juvenile plaice in the inner German Bight
G:17	R Abbes et al.	Preliminary results of a groundfish survey in the Bay of Biscay (October 1987)
G: 18	R Goñi and C Piñeiro	Study of the growth pattern of the European hake (<u>Merluccius merluccius</u> L.) from the Southern stock: ICES Divisions VIIIc and IXa
G:19	H M Krug and H Marques da Silva	VPA of <u>Pagellus</u> <u>bogaraveo</u> (Brünnich, 1768) from the Azores
G:20	H Marques da Silva and H M Krug	Analysis of blackspot seabream <u>Pagellus bogaraveo</u> (Brünnich, 1768) and forkbeard <u>Phycis phycis</u> (Linné, 1766) stocks through application of B and H model
G:21	H Marques da Silva	Growth and reproduction of kitefin shark <u>Dalatias licha</u> (Bonna., 1788) in Azorean waters
G:22	U Damm	Estimates of age and growth of long rough dab (<u>Hippoglossoides</u> <u>platessoides</u> Fabr.) in the North Sea
G:23	U Damm and W Weber	Trends in catch rates of North Sea sole in experimental catches with FRV "Solea"
G:24	F A van Beek	On the growth of sole in the North Sea
G:25		Withdrawn.
G:26	R De Clerck and E Torreele	Feeding habits of common dab ($\underline{\text{Limanda}}\ \underline{\text{Limanda}}\ \underline{\text{L.}}$) in the Southern North Sea
G:27		Report of the meeting of coordinators in the stomach sampling project 1985 to 1987, IJmuiden, 28 March - 1 April 1988
G:28	O S Kjesbu	Fecundity and maturity of cod ($\underline{Gadus} \underline{morhua} \; \mathbf{L.})$ from northern Norway
G:29 Ref.J	V Simonsen, E Nielsen and O Bagge	Discrimination of stocks of plaice in the Kattegat by electrophoresis and meristic characters
G:30	V N Shibanov et al.	Results of the USSR experimental fishing for deepwater fish species in Faroese fishing zone in November 1986 - February 1987

G:31	M S Shevelev	Ontogenetic stages in spotted wolffish (<u>Anarhichas minor</u> Olaf.) from the Barents Sea
G:32	M V Kovtsova	Fatness dynamics and feeding peculiarities of haddock [Melanogrammus aeglefinus (Linné)] in the Barents Sea
G:33	M S Shevelev, V S Mamylov and	Soviet cod and haddock investigations in the Barents Sea and adjacent waters in 1987
	N A Yaragina	
G:34	N A Yaragina	Dynamics of sexual maturation of the Lofoten-Barents Sea cod in 1985-1987
G:35 Sess.O	Yu. I. Bakai	Application of results from parasitological investigations in redfish (Sebastes mentella Travin) populational structure studies
G:36	V V Blinov	Assessment of stock size for pelagic population of the redfish <u>Sebastes mentella</u> T. both in the open part of the Irminger Sea and in the whole area of its distribution for the period 1982-1985.
G:37	V V Blinov	Assessment of redfish, <u>Sebastes mentella</u> T., stock in ICES divisions XII, XIVb and Va for 1982 and 1983 fishing years on the basis of Soviet and international fishery results
G:38	J Magnusson, K Kosswig and Jutta V. Magnússon	Young redfish on the nursery grounds in the East Greenland shelf area
G:39	Jutta V. Magnusson	On silver smelt (<u>Argentina silus</u> Asc.) in Icelandic waters
G:40	Jutta V. Magnüsson	On the maturity of blue ling in western and southern Icelandic waters in February/March, 1985 to 1988
G:41	A Kristiansen	Results from the groundfish surveys at Faroes 1982-1988
G:42	T Jørgensen	Long-term changes in age at sexual maturity of the northeast Arctic cod (\underline{Gadus} \underline{morhua} L.)
G:43	A Hylen et al.	Estimates of stock size of northeast Arctic cod and haddock, <u>Sebastes mentella</u> and <u>Sebastes marinus</u> from survey data, winter 1988
G:44	A Hylen and J A Jacobsen	Estimates of stock size of Arctic cod and haddock, redfish and Greenland halibut in the Barents Sea and the Svalbard area, autumn 1987
G:45 Ref.H		Preliminary report of the International O-Group Fish Survey in the Barents Sea and Adjacent Waters in August- September 1988
G:46 Ref. K	A Hylen and J A Jacobsen	Estimation of commercial demersal fish species taken as by-catch in the fishery for shrimps in the Barents Sea and the Svalbard region 1980-1986
G:47		Withdrawn.

G:48	M Vinther and H Sparholt	The biomass of skates in the North Sea
G:49		Withdrawn.
G:50	H Degel and H Gislason	Some observations on the food selection of plaice and dab in \emptyset resund, Denmark
G:51	J Urban	Determination of batch fecundity in plaice, <u>Pleuronectes platessa</u> , and sole, <u>Solea solea</u> , from the German Bight
G:52	J Urban and J Alheit	Occyte development cycle of plaice, <u>Pleuronectes</u> <u>platessa</u> , and North Sea sole, <u>Solea</u> <u>solea</u>
G:53	R Guichet	Etude de la croissance du merlu européen (<u>Merluccius merluccius</u>) au cours des ses premières années. Analyse par NORMSEP des distributions en taille observées trimestriellement en mer de 1980 à 1987
G:54	P I van Leeuwen and D Vethaak	Growth of European flounder ($\underline{Platichthys}$ \underline{flesus}) and common dab ($\underline{Limanda}$ $\underline{limanda}$) in Dutch coastal waters with reference to healthy and diseased fish
Ref.H Sess.R		The predation of cod on capelin 1983-1988
G:56 Ref.H Sess.R POSTER	1	The predation of cod on capelin juveniles 1983-1988
G:57	A Hylen and A Raknes	Comparison of geographical distribution of northeast Arctic cod and haddock based on acoustic surveys in 1987-1988
G:58	E Ebeling	A brief survey of the feeding preferences of $\underline{\text{Raja}}$ $\underline{\text{clavata}}$ in Red Wharf Bay in the Irish Sea
G:59 POSTER	N R Hareide and P Grotnes	The stocks of ling ($\underline{\text{Molva}}$ molva) and torsk ($\underline{\text{Brosme}}$ brosme) along the continental shelf
G:60	A Yatsu and O Jørgensen	Distribution and size composition of redfish, <u>Sebastes marinus</u> (L.) and <u>Sebastes mentella</u> (Travin), from a bottom trawl survey off East Greenland in 1987
G:61	A Yatsu and O Jørgensen	Groundfish biomass estimates from a stratified-random bottom trawl survey off East Greenland in 1987
G:62	A Yatsu and O Jørgensen	Greenland halibut, <u>Reinhardtius hippoglossoides</u> (Walb.), from a bottom trawl survey off East Greenland in 1987

G:63 D N MacLennan Ref.D and Sess. J G Shepherd T	Fishing effort, mortality and the variation of catches
G:64 H Dupouy, J J Rivoalen et B Kergoat	Le taux de mélange des baudroies (<u>Lophius piscatorius</u> et <u>L. budegassa</u>) dans les débarquements français du plateau Celtique
G:65 D J Agnew	Evidence for the existence of two populations of Irish Sea cod, <u>Gadus morhua</u> L., from consideration of growth rates
G:66 H Lehtonen, Ref.C M Hildén Sess.R and POSTER A Järvinen	Dealth in the sea: environmental changes and fish stocks - a fisherman's perspective
G:67 S Ehrich	The influence of sediment on the distribution of bottom fish and the response of survey strategies thereto
G:68 E Egidius Sess. R POSTER	Vibriosis in saithe
G:69 Ref.H+L	Report on the O-group fish survey in Icelandic and East Greenland waters, August 1988

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B:10, B:21, B:22, B:31, B:32, B:56, D:2, D:3, D:4, D:6, D:8, D:9, D:10, D:12, D:13, D:14, D:16, D:18, D:22, H:8, H:42, H:72, J:5, J:32, K:24, L:17, L:18, N:15

H - PELAGIC FISH COMMITTEE

H:1		Report of Activities, 1987
H:2		Report of the Planning Group for Acoustic Surveys in ICES Sub-areas VIII and IX, Lisbon, 9-12 February 1988
H:3		Report of the Mackerel Egg and Recruitment Workshop, 25-29 January 1988, Aberdeen
H:4		Report of the Sprat Biology Workshop, Bergen, 4-7 November 1986
Н:5	J. Molloy and E. Barnwall	The Irish mackerel egg survey, 1987
H:6	E Fahy	Recent developments in the Irish fisheries for spurdog, $\underline{Squalus}$ $\underline{acanthias}$ (L.)
H:7	M.G.Larraneta	On the estimation of actual fecundity of $\underline{\textbf{Scomber}}$ $\underline{\textbf{scombrus}}$
H:8 Ref.G		Report on the International Young Fish Survey in the North Sea, Skagerrak and Kattegat, 1988 $$
H:9 Ref. L	J.Santiago and E Eltink	Distribution and abundance of anchovy eggs in the Bay of Biscay in 1987 in comparison with 1983 and 1986
H:10 Ref. L	J.Santaigo, I.Artetxe, A.Xamakona	Distribution and abundance of mackerel, horse mackerel and pilchard eggs in the southern Bay of Biscay in 1987
H:11 Ref. L	J.Santiago	Contribution to the knowledge of the egg phase of anchovy ($\underbrace{\text{Engraulis}}_{\text{encrasicolus}} \text{ encrasicolus } \text{L.}) \text{ in the Bay of Biscay}$
H:12	I.Martin and P.Lucio	Distribution of landings and effort in the anchovy fishery of the Basque country in 1987, with special reference to the length frequency distributions and age composition of the landings
н:13	P.Lucio and I Martin	Biological studies on the anchovy (<u>Engraulis encrasicolus</u> L. 1758) in the Bay of Biscay
H:14 Ref. L	R Sætre, H Bjørke and P Fossum	Distribution, drift and condition of herring larvae off western Norway in 1987
H:15 Ref. L	P Fossum and E Moksness	Distinguishing between spring- and autumn-spawned herring from daily increments, a preliminary report
H:16	W Dawson <u>et al</u> .	The distribution and abundance of juvenile mackerel (Scomber scombrus L.) west and south of the British Isles

Н: 17		Report of the Norwegian - EEC Joint Scientific Group on Migration and Area Distribution of Mackerel (Western Stock), Bergen, 11-13 November 1987
H:18 Sess. O	J C Guéguen and A Picollier	Infestation of mackerel ($\underline{\text{Scomber scombrus}}$) by $\underline{\text{Anisakidae}}$. French observations in 1987 and 1988
н: 19	H A Isidro	Age and growth of $\underline{Trachurus\ picturatus}$ (Bowdich, 1825) from the Azores
H:20 Ref. L	E Moksness and T Johannessen	Herring larvae (<u>Clupea</u> <u>harenqus</u>) investigations in the Skagerrak area, December 1987 to March 1988. A preliminary report
H:21 Ref.L	A Garcia et al.	Distribution of sardine (<u>Sardina pilchardus</u> Walb.) egg and larval abundances off the Spanish North Atlantic coasts (Galician and Cantabrian areas) in April 1987
H:22 Ref. L	A Corten	Shifts in herring spawning areas in the northwestern North Sea in relation to environmental changes
H:23 Sess. O	A Eltink	Anisakis larvae (Nematoda: <u>Ascaridida</u>) in mackerel (<u>Scomber scombrus</u> L.) in ICES Sub-areas IV, VI, VII, and VIII in 1970-1971 and 1982-1984
H:24		Withdrawn.
H:25	S Junquera, C Porteiro	Contribution to the interpretation of the ring distribution pattern of horse mackerel (Trachurus trachurus L.) otoliths
	and Ph. Moguedet	
н:26	Ph.	Spawning efficiency of Atlanto-Scandian herring in 1987
H:26 H:27 Sess.	Ph. Moguedet A I Krysov, N V Mukhina and E I	
H:27 Sess.	Ph. Moguedet A I Krysov, N V Mukhina and E I Seliverstova	Spawning efficiency of Atlanto-Scandian herring in 1987 Myxosporodian Myxobolus aeglefini (Cnidospora: Myxospores) - blue whiting biological tag from the Celtic Sea and
H:27 Sess. O	Ph. Moguedet A I Krysov, N V Mukhina and E I Seliverstova A B Karasev N A Isaev and	Spawning efficiency of Atlanto-Scandian herring in 1987 Myxosporodian Myxobolus aeglefini (Cnidospora: Myxospores) - blue whiting biological tag from the Celtic Sea and adjacent waters Results of blue whiting investigations west of the Irish
H:27 Sess. O H:28	Ph. Moguedet A I Krysov, N V Mukhina and E I Seliverstova A B Karasev N A Isaev and K Bhatnagar N A Isaev, S V Belikov and V N Shleinik	Spawning efficiency of Atlanto-Scandian herring in 1987 Myxosporodian Myxobolus aeglefini (Cnidospora: Myxospores) - blue whiting biological tag from the Celtic Sea and adjacent waters Results of blue whiting investigations west of the Irish coast in spring 1987 Results of the Soviet blue whiting investigations in the

H:32	V N Feldman and E I Golubjat- nikova	Two approaches to estimating the diurnal ration and prey size preferences of predatious gadoids
H:33 Ref. L	E M Karasjeva	Mortality of herring larvae in the North Sea
H:34	L I Koval	Geographical variability of EST-I locus parameters in horse mackerel <u>Trachurus symmetricus murphyi</u> (Nichols)
H:35	R Toresen	Growth in the Norwegian spring-spawning herring for the year classes 1950-1960 and 1973-1983 $$
H:36	T Monstad	Report on the Norwegian blue whiting survey, spring 1988
H:37	A Aglen and E J Simmonds	Report on herring acoustic surveys in northern and central North Sea during summer 1987
H:38		Withdrawn.
H:39		Withdrawn.
H:40	P Degnbol, at al.	Report on an acoustic survey for mackerel in the North Sea, Skagerrak and Kattegat in June-September 1987
H:41	I Røttingen	Distribution and migration of the 1983 year class of Norwegian spring-spawning herring in the period July 1987 - August 1988 $$
H:42 Ref.G	J Hamre	Some aspects of the interrelation between the herring in the Norwegian Sea and the stocks of capelin and cod in the Barents Sea $$
H:43	S Alshuth	Age distribution of overwintering sprat larvae from the German Bight (North Sea) $$
H:44	S Alshuth	Seasonal variations in length-frequency and birthdate distribution of juvenile sprat ($\underline{Sprattus}$ $\underline{sprattus}$)
H:45 Ref. L	E Wahl and J Alheit	Changes in distribution and abundance of sprat eggs during spawning season
H:46 Sess. P	E Ona and R Toresen	Avoidance reactions of herring to a survey vessel, studied by scanning sonar
H:47 Ref. L	V Christensen, T Nielsen and H Paulsen	Sampling of herring larvae close to a drifting buoy
H:48 Ref. D	M F Borges	Multiplicative catch-at-age analysis of scad ($\underline{Trachurus}$ $\underline{trachurus}$ L.) in Divisions VIIIc and IXa
H:49	M F Borges	Population parameters, biannual cohorts, and length-based assessment in scad ($\underline{Trachurus}$ $\underline{trachurus}$ L.) in Divisions VIIIc and IXa

н:50	M Lourdes Marecos	An investigation on otolith structure of horse mackerel ($\underline{\text{Trachurus}}$ $\underline{\text{trachurus}}$ L.) in Portuguese waters (Division IXa)
H:51 Sess.R Poster		The Barents Sea capelin 1972-1983
H:52 Sess.R POSTER		The Barents Sea capelin 1983-1988
H:53 Sess.R POSTER		The effect of the 1983 year class of herring on the 1983 year class of capelin
H:54 Sess. R POSTER	H Bjørke, H Gjøsæter and H Loeng	Drift of capelin larvae - a population sink
H:55 Sess.R POSTER		The capelin fishery 1972-1988
H:56 Sess.R POSTER		The Norwegian spring-spawning herring prior to 1970
H:57 Sess.R POSTER		The Norwegian spring-spawning herring 1970-1988, adult
H:58 Sess.R POSTER		The Norwegian spring-spawning herring, juveniles
H:59 Sess. R POSTER	S Tjelmeland	The killing of the North-East Atlantic plankton feeders: Man the murderer or accessory to the crime?
H:60 Sess. R POSTER	S Tjelmeland	$\ensuremath{\mathtt{A}}$ simple model for the fish interactions in the Norwegian and Barents Seas
н:61	M E Cunha and I Figueiredo	Reproductive cycle of <u>Sardina pilchardus</u> in the central region off the Portuguese coast (1971/1987)
H:62	P W Rankine	A report on the ICES herring larval surveys in the North Sea and adjacent waters in 1987/1988
H:63 Sess. O	K MacKenzie	Digenean parasites as indicators of seasonal migrations of North Sea herring

H:64	P J Hopkins and P Copland	The results of an acoustic survey of the area north and west of Scotland in November 1987
H:65		Withdrawn.
H:66	M Walsh <u>et al</u> .	A proposed manual for western mackerel recruitment surveys
H:67 Sess. O	A Dumke	Investigations on the occurrence of Anisakis spec. larvae within the muscle flesh from blue whiting (<u>Micromesistius poutassou</u> Risso) of the North-East Atlantic
H:68		Withdrawn.
H:69 Ref. C	M Giedz	Investigations into the relationship between shelf bottom temperature and the mackerel CPUE on the US Atlantic shelf in the years $1985-1987$
H:70	I M Figueiredo and M Santos	On sexual maturation, condition factor and gonosomatic index of <u>Sardina pilchardus</u> Walb., off Portugal (1986/1987)
H:71	M G Pawson and G D Pickett	Assessment and management of the UK bass ($\underline{\text{Dicentrarchus}}$ $\underline{\text{labrax}}$ L.) fishery
H:72 Ref. G+J POSTER	I Hoff et al.	Norwegian system for tagging and recovery
H:73	A de Lanzos, C Franco and A Solá	Comparative study of the annual variation in the spawning intensity of sardine (<u>Sardina pilchardus</u> Walbaum, 1792) off the Cantabria and NW Spain
H:74	C Franco and A Solá	Contribution to the study of the ichthyoplankton of commercial species on the continental shelf off Spain

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B:10, B:22, B:24, B:36, B:52, B:53, C:22, D:3, D:6, D:7, D:8, D:9, D:10, D:14, E:13, G:8, G:11, G:45, G:55, G:56, G:69, J:15

J - BALTIC FISH COMMITTEE

J:1		Report of Activities, 1987
J:2 Sess. O	W Weber and Th. Neudecker	Anisakis larvae in herring of the western Baltic
J:3 Ref. L	K Wieland	Drift and mortality of cod and sprat eggs in the Bornholm Basin (Baltic Sea) in April 1988
J:4 Ref. B	S Christensen	Mesh size as a means of regulation in the Baltic cod fishery
J:5 Ref G	O Bagge, S Mellergaard and I Dalsgaard	Recruitment of young cod in Sub-division 22
J:6	M L Starodub and N M Kondrateva	Feeding and fatness dynamics of Baltic sprat in 1982-1987
J:7	G B Grauman and E A Yula	The peculiarities of the Baltic sprat spawning in 1985- 1987
J:8	M Vitinsh	Young flounder and turbot surveys with the beach seine in the eastern Baltic in 1986 and 1987 $$
J:9	T D Baranova	The Soviet commercial trawl catches of cod in Sub- divisions 26 and 28 in 1983-1987
J:10	F G Shvetsov and E B Gradalev	Results of hydroacoustic assessment of the eastern Baltic sprat stocks
J:11	M E Fetter and E A Ojaveer	Assessment of the eastern Baltic herring stocks by hydroacoustic method
J:12	A Lankov	On the role of sprat ($\underline{Sprattus}$ $\underline{sprattus}$ $\underline{balticus}$ $\underline{Schn.}$) in the ecosystem of the northern \underline{Baltic}
J:13	R Aps et al.	Fishery and sprat stock dynamics in the northern Baltic in $1950-1987$
J:14	R Aps, A Paat and Y-O Uder	Growth and shape of the Baltic sprat otoliths
J:15 Ref. H+L	H Peltonen	Growth and mortality of herring (<u>Clupea harengus</u>) larvae estimated from length frequency data
J:16		Withdrawn.

J:17		Withdrawn.
J:18	A Müller and H Schulz	Fecundity investigations on cod in the Bornholm Basin in 1987
J:19	R Parmanne	Herring growth in the northern Baltic Sea in 1974-1987
J:20 Sess. O	T Lang	<u>Hysterothylacium</u> <u>aduncum</u> (Nematoda) in Baltic cod (<u>Gadus</u> <u>morhua</u>)
J:21 Sess. O	T Lang	Infestation of Baltic herring (<u>Clupea harengus</u>) with <u>Anisakis simplex</u> (Nematoda)
J:22		Withdrawn.
	J Flinkman <u>et al</u> .	Be visible, die fast: the predation strategy of Baltic herring
J:24	M Berner, H Müller and D Nehring	On the influence of environmental and stock parameters on the recruitment of cod stocks to the west of Bornholm (Sub-divisions 24 and 22 separated) described by regres- sion equations
J:25	B Groth et al.	The shape of adult herring otoliths in the western Baltic
J:26		Report of the Planning Group for Hydroacoustic Surveys in the Baltic, Copenhagen, 11-12 April 1988
J:27		Report of the Study Group on Young Fish Surveys in the Baltic, 16-20 May 1988, Tallinn
J:28 Sess. O	Portajuto	Distribution of Anisakis along the coast of Poland
J:29 Ref. B	J Netzel	Analyses of Polish Baltic catches in relation to the total power of the Polish fishing fleet in the period 1948-1986
J:30	O Hagström <u>et al</u> .	Acoustic estimates of the herring and the sprat stocks in the Baltic proper, October 1987 - preliminary results
J:31 Ref. B	T Neudecker and K-J Stæhr	Report on the acoustic survey in ICES Sub-divisions 22 and 24 in October 1987
J:32 Ref. G	R Fröse and B F R Ueberschähr	On the aberrant shoaling behaviour of ill cod

J:33

Publications of interest to the Baltic Fish Committee, 1987

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B:19, D:8, D:9, D:10, D:11, G:29, H:72, L:8, L:22, L:23

K - SHELLFISH COMMITTEE

K:1		Report of Activities, 1987
K:2	M J Figueiredo	Some decapod crustaceans captured by trawl in $\underline{\text{Nephrops}}$ grounds off the Portuguese south and southwest coasts
K:3	J T Addison and D B Bennett	Assessment of minimum landing sizes of $\underline{\text{Cancer paqurus}}$ on the east coast of England
K:4	B M Thompson and R A Ayers	The effect of temperature on the stage duration of larvae of $\underline{\text{Cancer paqurus}}$
K:5	S P Milligan and J H Nichols	$\underline{\underline{Nephrops}}$ larvae surveys off the northeast coast of England in 1987
K:6	R Meixner and B Luckas	On an outbreak of diarrhetic shellfish poisoning and determination of okadaic acid as a typical DSP-toxin in mussels
K:7	F M Porteiro and H R Martins	Some observations on the behaviour of adult $\underline{\text{Loligo}}$ $\underline{\text{forbesi}}$ in captivity
K:8	H R Martins and F M Porteiro	The exploited stock of $\underline{\text{Loligo forbesi}}$ in the Azores: additional notes on biology and fisheries
K:9	M Moriyasu and G Y Conan	Aquarium observations on mating behaviour of the snow crab, $\underline{\mathbf{Schionoecetes}}$ $\underline{\mathbf{opilio}}$
K:10	G Y Conan and M Moriyasu	Assessment and spatial distribution surveys of snow crab stocks by geostatistics
K:11	0 Bagge	The development of the fishery on Norway lobster in the Kattegat, $1970-1987$
K:12	B I Berenboim, S G Mukhin and G K Sheveleva	USSR investigations of shrimp <u>Pandalus borealis</u> in the Barents Sea and in the Spitsbergen area in 1987
K:13	B G Ivanov, D A Stolyarenko and B I Berenboim	The stock assessment of the deep water shrimp (<u>Pandalus borealis</u>) off Spitsbergen and Bear Island with a usage of the spine survey designer software system
K:14 Ref B	B G Ivanov and D A Stolyarenko	Relation between currents and orientation of shrimps and its effect on trawl catchability: a new hypothesis

K:15 Ref. D		The survey of Icelandic scallop stock off Bear Island: a use of new methods
K:16	M Aschan	The effect of Iceland scallop ($\underline{Chlamys}$ $\underline{islandica}$) dredging at Jan Mayen and in the Spitsbergen area
K: 17	S A Pedersen	Inshore scallop resources ($\underline{\text{Chlamvs}}$ $\underline{\text{islandica}})$ in the Nuukarea, West Greenland
K:18	A Hylen and P Øynes	Results of stratified trawl surveys for shrimp (<u>Pandalus</u> <u>borealis</u>) in the Barents Sea and the Svalbard region 1988
K:19		Withdrawn.
K:20	R Bertran et J C Le Calvez	Contenus stomacaux de jeunes homards européens (<u>Homarus gammarus</u>) capturés en pêche à pied à Blainville (ouest Contentin, France)
K:21	R P Briggs	A preliminary analysis of maturity data for northwest Irish Sea Nephrops
K:22 Ref. F	M Héral	Définitions de la capacité trophique d'un écosystème con- chylicole: comparaison entre différentes approches
K:23	V Gomes	Tagging experiments on the crab $\underline{Carcinus}$ \underline{maenas} (L.) in the Ria de Aveiro lagune (Portugal)
K:24 Ref. G	C C E Hopkins	Energy content and production of the deep-water prawn <u>Pandalus borealis</u> (Kröyer) as a function of body size/age and season
K:25		Withdrawn.
K:26		Withdrawn.
K:27		Withdrawn.
K:28	S Einarsson	The distribution and density of the common spider crab $(\underline{\text{Hyas}} \ \underline{\text{araneus}})$ in Icelandic waters
K:29		Report of the Study Group on Nephrops, Coleraine, 8-10 March 1988
K:30		Report of the Study Group on Squid Biology
K:31	C Talidec et A Charuau	Les pêcheries de langoustine du Golfe de Gascogne (Divisions CIEM VIIIa,b). Bilan de 15 années de gestion
K:32 Ref. E	F Latrouite et al.	Mortalité du tourteau <u>Cancer paqurus</u> provoquée par le dinoflagellé parasite <u>Hematodinium</u> sp.
K:33	D Latrouite et Y Morizur	Analyse quantitative et qualitative des captures de tourteaux $\underline{\text{Cancer paqurus}}$ par la flotille française de Mancheouest

K:34	D Latrouite et Y Morizur	Observations sur la croissance du tourteau <u>Cancer pagurus</u> en Manche et en Golfe de Gascogne
K:35	P Berthou et M Glemarec	Distribution temporelle spatiale des cohortes de <u>Spisula ovalis</u> dans le nord du Golfe de Gascogne: reflèt d'une compétition inter-cohorte?
K:36		Withdrawn.
K:37	J P Hillis	Relationship of $\underline{\text{Nephrops}}$ catch characters to sea-bed sediment type
K:38	J P Hillis	Changes in Irish Sea Nephrops catch since 1969
K:39	J P Hillis	The Nephrops of Porcupine Bank
K:40		Publications of interest to the Shellfish Committee
K:41 Sess. O	G Wilhelm et V Boulu	Infection de l'etrille <u>Liocarcinus puber</u> (L.) par le dinoflagellé parasite $\underbrace{Hematodinium}_{}$ sp.
K:42	A Koronkiewicz	Biology of jumbo squid in open mid-eastern Pacific waters

REFERENCE PAPERS FOR THE SHELLFISH COMMITTEE

B:9, B:51, D:1, D:5, E:10, F:21, F:22, F:24, F:33, G:46, L:6

L - BIOLOGICAL OCEANOGRAPHY COMMITTEE

L:1		Report of Activities, 1987, with an Addendum
L:2 Sess. P	D V Holliday and R E Pieper	Determination of zooplankton size and distribution with multifrequency acoustic technology
Ref.	O A Astthorsson and G S Jónsson	Seasonal changes in zooplankton abundance in Isafjord-deep, northwest Iceland, in relation to chlorophyll \underline{a} , and hydrography
L:4 Ref C	R A Myers and K F Drinkwater	Offshelf Ekman transport and larval fish survival in the Northwest Atlantic
L:5	M Kat	Phytoplankton bloom events in the coastal area of the Netherlands 1973-1984 $$
L:6 Ref. E and K	E Gaard and M Poulsen	Blooms of the toxic dinoflagellate $\underline{\text{Gonyaulax}}\ \underline{\text{excavata}}\ \text{in a}$ Faroese fjord
L:7	S S Drobysheva, et al.	Division of the Barents Sea in view of primary and plankton production formation type $% \left(1\right) =\left(1\right) +\left(1$
L:8 Ref.J POSTER	G Behrends, G Hansen and H P Hansen	Temporal changes of some biological components at an anchor station in the central Baltic during spring (25 April - 7 May 1986)
L:9 Ref. E	J Rasmussen and K Richardson	Reponse of <u>Gonyaulax tamarensis</u> to the presence of a pycnocline in an artificial water column
L:10	R Hudd, T Wiik and S Østerholm	The archipelago zone zooplankton in the northern Quark in 1985
L:11	R Fröse	The use of quadratic discriminant functions in connection with video-based measurements for identification of fish larvae $$
L:12		Publications of interest to the Biological Oceanography Committee, 1987
L:13 Ref.E+ Sess.S		Report of the Study Group on the Ecology of Algal Blooms, L'Houmeau, France, 10-12 May 1988
L:14 Ref. C+E Sess.S		Report of the Working Group on Primary Production, Copenhagen, 30 May to 2 June 1988
L:15 Ref.E Sess.S		Report of the Benthos Ecology Working Group, Texel, 10-13 May 1988

L:16		Withdrawn.
L:17 Ref. G	C Koutsiko- poulos and D Woehrling	An estimation of the evolution of cohorts during the pelagic stages of sole
L:18 Ref. G	C Koutsiko- poulos <u>et al</u> .	Environmental features governing the spatial distribution of the early life stages of sole (<u>Solea vulgaris</u> , Quensel) in the Bay of Biscay
L:19	Z Ringer	Phytoplankton of the southern Baltic in August 1987 (on the basis of R/V "Professor Siedlecki" cruise)
L:20	Z Ringer	Phytoplankton of the southern Baltic in 1987
L:21	H Renk et al.	Primary production and chlorophyll \underline{a} in the southern Baltic in 1987
L:22 Ref.J	T Herra	Recruitment variability of sprat in the southern Baltic survival during the egg and larval stages
L:23 Ref. J	T Herra	Ichthyoplankton survey in the southern Baltic in August 1987
L:24 Ref. C	J N Bergman et al.	Tidal transport of flatfish larvae and coelenterates between the North Sea and the Wadden Sea
L:25 Ref. E + F	H W van der Veer	The effects of mussel culture and eutrophication on the benthic community in the western Dutch Wadden Sea: a hypothesis
L:26	C Heip	The production of Meiofauna
L:27 Ref. Pub		Plankton Identification Sheets, Editor's Report 1987/1988
L:28	D.V. Subba Rao, P M Dickie and P Vass	Toxic phytoplankton blooms in the eastern Canadian Atlantic embayments
L:29 Sess.R POSTER		Fighting for survival. An underwater event of the UK coast
L:30	J.M.Colebrook	Ceratium fusus in the North Sea in 1987

REFERENCE PAPERS FOR THE BIOLOGICAL OCEANOGRAPHY COMMITTEE

B:6, B:56, C:35, C:44, E:17, F:33, F:40, G:69, H:9, H:10, H:11, H:14, H:15, H:20, H:21, H:22, H:33, H:45, H:47, J:3, J:15

M - ANADROMOUS AND CATADROMOUS FISH COMMITTEE

M:1		Report of Activities, 1987
M:2		Report of the Study Group on the Norwegian Sea and Faroes Salmon Fishery, Dublin, 9-11 February 1988
M:3 G Ref. <u>e</u> E	B Sangalang <u>t al</u> .	Studies on the mitigation of acid precipitation-induced effects on adult Atlantic salmon (\underline{salmo} \underline{salar}) - 1987 experiment
M:4		Report of the Study Group on North American Salmon Fisheries, St. John's, Newfoundland, 1-4 March 1988
M:5 Sess. S		Report of the Acid Rain Study Group, Copenhagen, 15-19 March 1988
M:6		Withdrawn.
M:7		ICES compilation of microtag, finclip, and external tag releases in 1987
M:8	E C E Potter et al.	Recoveries of coded wire microtags from salmon caught at West Greenland in 1987 $$
M:9	R Bartel, H Auvinen and E Ikonen	Results of transfer experiments with the Vistula and Isojoki sea trout (\underline{Salmo} \underline{trutta})
M: 10		List of publications related to the interests of the Anadromous and Catadromous Fish Committee
M:11	E Twomey	Fluctuations in the count, catches and characteristics of Irish salmon from selected riverine fisheries
M:12	D G Reddin and T R Porter	Harvest estimates of MSW salmon with river age of three years and younger
M:13 Sess. O	W Dekker and J van Willigen	Abundance of $\underline{\text{Anquillicola crassa}}$ in Dutch outdoor waters and the reaction of its host $\underline{\text{Anquilla}}$ anquilla
M:14	H Welleman and W Dekker	Computer simulation of glasseel immigration through the sluices of Den Oever $% \left(1\right) =\left(1\right) \left(1\right) +\left(1\right) \left(1\right) \left(1\right) +\left(1\right) \left(1\right) \left($
M:15	I Fjallstein	Recaptures of microtagged salmon of Norwegian farmed strain to Faroe Islands from releases in 1984 and 1985
M:16		Withdrawn.
M:17	L Karlsson, R Bartel and F-W Tesch	Migration and orientation of tagged silver eels released in the southeastern Baltic

M:18	H Lassen, J Møller Jensen and L P Hansen	
M:19	E Verspoor et al.	A preliminary genetic assessment of stocking on Spanish Atlantic salmon (\underline{Salmo} $\underline{salar})$ populations
M:20	C Garcia de Leaniz and E Verspoor	Hybridization between Atlantic salmon (\underline{Salmo} salar) and brown trout (\underline{Salmo} trutta) in northern Spain
M:21	W M Shearer	Long-term fluctuations in the timing and abundance of salmon catches in Scotland $% \left(1\right) =\left(1\right) \left(1\right) $
M:22	D W Hay and R G Shelton	The distribution of salmon redds in the Girnock Burn (NE Scotland) $% \left(\frac{1}{2}\right) =\frac{1}{2}\left(\frac{1}{2}\right) +\frac{1}{2}\left(\frac{1}{2}\right) +\frac{1}{2}\left$
M:23	D L Scarnecchia, A Isaksson and S E White	Effects of Faroese long-line fishery, other oceanic fisheries, and oceanic variations on age at maturity of Icelandic north coast stocks of Atlantic salmon (Salmo salar)
M:24	D L Scarnecchia, A Isaksson and S E White	Effects of oceanic variations and the West Greenland fishery on age at maturity of Icelandic west coast stocks of Atlantic salmon (\underline{Salmo} \underline{salar})
M:25	Y Desaunay et L Aubrun	Déscription préliminaire des pêcheries d'anguille ($\underline{\text{Anguilla}}$ anguilla) sur le littoral français de la Manche et de l'Atlantique
M:26		Withdrawn.
M:27	T Hakaste E Ikonen and S Kuikka	Stock assessment of the salmon ($\underline{\text{Salmo}}$ $\underline{\text{salar}})$ stock in the Gulf of Finland
M:28	G Castelnaud	The sturgeon tagging programme in the Gironde estuary (France): a European dimension $% \left(\frac{1}{2}\right) =\frac{1}{2}\left(\frac{1}{2}\right) +\frac{1}{2}\left(\frac$

REFERENCE PAPERS FOR THE ANADROMOUS AND CATADROMOUS FISH COMMITTEE

F:13, F:15, F:26

N - MARINE MAMMALS COMMITTEE

N:1		Report of Activities, 1987
N:2	R Duguy	Cétacés et pinnipèdes observés sur les côtes de France en 1987
No.3	R Duguy	Les échouages de cétacés et les facteurs météorologiques sur la côte centre-ouest atlantique
N:4	G Garcia- Castrillo <u>et al</u> .	Les mammifères marins du nord de l'Espagne en 1987
N:5 Ref.L	T Smith et al.	Utility of cetacean and seabird sighting surveys conducted during fishery surveys $ \\$
N:6 Sess. O	W D Bowen	$ \begin{array}{lll} \textbf{Sealworm} & (\underline{\textbf{Pseudoterranova}} & \underline{\textbf{decipiens}}), & \textbf{grey} & \textbf{seals} & \textbf{and} \\ \textbf{fisheries}, & \textbf{a review} & \\ \end{array} $
N:7	D Thompson et al.	Diving behaviour of grey seals ($\underline{\text{Halichoerus}}$ $\underline{\text{grypus}}$) in the North Sea
N:8	D Bloch, M Zachariassen and P Zachariassen	Is stock identification of long-finned pilot whale (<u>Globicephala melaena</u>) possible with morphological characters?
N:9	E Helle and O Stenman	What could be the pup production of the Baltic grey seal?
N:10	O Stenman	L'abondance et la distribution des phoques gris dans l'archipel sud-ouest de Finlande durant les années 1974- 1987
N:11		Publications of interest to the Marine Mammals Committee, 1987
N: 12	G Desportes and R Mouritsen	Diet of the pilot whale, $\underline{\text{Globicephala}}$ $\underline{\text{melaena}},$ around the Faroe Islands
N: 13		Withdrawn.
N:14	J Sigurjónsson and T Gunnlaugsson	adjacent waters from sightings surveys conducted in June-
N:15 Ref.G	P S Hammond, J H Prime and P A Prime	Age-specific mortality inflicted by grey seals on North Sea whitefish stocks

N:16 P Heide-Jørgensen Progress and dispersal of seal deaths in Danish waters 1988

and

P. Agger

REFERENCE PAPERS FOR THE MARINE MAMMALS COMMITTEE

E:13, E:31, E:37

MINI-SYMPOSIUM ON CASE HISTORIES OF EFFECTS OF INTRODUCTIONS AND TRANSFERS ON MARINE ECOSYSTEMS

No.1	C Sindermann	Introduction.
No.2	I Wallentinus, JY.Floc'h and R Pajot	The Japanese brown alga <u>Undaria pinnatifida</u> on the coast of France and the possibilities of its establishment in European waters
No.3	M Køie	The swim-bladder nematodes <u>Anguillicola</u> spp. and the gill monogeneans <u>Pseudodactylogyrus</u> spp.in European eels
No.4	H Grizel	Introduction en France de l'huître creuse <u>Crassostrea</u> <u>gigas</u>
No.5	E Egidius, L P Hansen and G Nævdal	Mutual impact of wild and cultured salmon in Norway
No.6	Y Harache	Pacific salmon in Atlantic waters
No.7		Withdrawn.
No.8	O Halvorsen	Gyrodactylus salaris in Norwegian salmon rivers

PAPERS AND POSTERS FOR THEME SESSIONS

- <u>Parasites in Marine Population Studies (0)</u>: Convener: E. Egidius E:13, G:2, G:35, H:18, H:23, H:27, H:63, H:67, J:2, J:20, J:21, J:28, K:41, M:13, N:6
- <u>Acoustic Methods (P)</u>: Convener: Prof. K. Olsen

 B:2, B:3, B:4, B:5, B:6, B:7, B:8, B:10, B:11, B:13, B:23, B:26, B:27,B:35,

 B:41, B:42, B:43, B:44, B:45, B:52, B:53, B:54, B:58, B:59, H:46, L:2
- Fishing Gear Selectivity (0): Convener: Mr D.N. MacLennan
 B:9, B:17, B:19, B:20, B:21, B:28, B:30, B:47(Poster), B:51, B:55, B:57
- Death in the Sea: A Perspective (R): Convener: Mr J.G. Pope
 In the form of a Poster session:
 B:48, E:8, E:11, E:33, E:34, F:42, G:15, G:55, G:56, G:66, G:68, H:51, H:52, H:53, H:54, H:55, H:56, H:57, H:58, H:59, H:60, J:23, L:29
- ACMP and Associated Working Group Reports (S): Convener: Dr J.E. Portmann
 C:1, E:15, E:25, E:26, E:27, E:28, E:29, F:32, F:33, F:33A, F:37, L:13,
 L:14, L:15, M:5
- ACFM and Assessment Working Group Reports (T): Convener: Mr J. Jakobsson
 Assess:1 to and including Assess:27; G:63.

ACFM - ADVISORY COMMITTEE ON FISHERY MANAGEMENT

ACFM:1* Agenda, ACFM Consultations at the 1988 Statutory Meeting

ACFM:2* Draft Agenda and Timetable, ACFM Meeting, 1-9 November 1988

ACFM:3* Draft Schedule and Terms of Reference for 1989 ACFM and Assessment Working Groups

^{*}For the relevant Committee only.

ASSESSMENT WORKING GROUP REPORTS - 1988

C.M.1988/Assess:1	Report of the Study Group on Squid Assessment, Copenhagen, 18-22 May 1987
C.M.1988/Assess:2	Report of the Working Group on the Assessment of the Stocks of Hake, Copenhagen, 25 June - 2 July 1987
C.M.1988/Assess:3	Report of the Working Group on Fisheries Units in Subareas VII and VIII, Nantes, 10-15 September 1987
C.M.1988/Assess:4	Report of the Working Group on Multispecies Assessments of Baltic Fish, Gdynia, 14-18 September 1987
C.M.1988/Assess:5	Report of the Arctic Fisheries Working Group, Copenhagen, 14-24 September 1987
C.M.1988/Assess:6	Report of the Blue Whiting Assessment Working Group, Copenhagen, 16-22 September 1987
C.M.1988/Assess:7	Report of the Working Group on the Assessment of the European Eel, Nantes, 22-24 September 1987
C.M.1988/Assess:8	Report of the Working Group on Harp and Hooded Seals in the Greenland Sea, Copenhagen, 12-16 October 1987
C.M.1988/Assess:9	Report of the North Sea Flatfish Working Group, Copenhagen, 15-21 October 1987
C.M.1988/Assess:10	Report of the Atlanto-Scandian Herring and Capelin Working Group, Copenhagen, 26-30 October 1987
C.M.1988/Assess:11	Report of the Working Group on Cod Stocks off East Greenland, Copenhagen, 17-23 February 1988
C.M.1988/Assess:12	Report of the Mackerel Working Group, Copenhagen, 1-9 March 1988
C.M.1988/Assess:13	Report of the Division IIIa Demersal Stocks Working Group, Copenhagen 14-18 March 1988
C.M.1988/Assess:14	Report of the Working Group on the Assessment of <u>Pandalus</u> Stocks, Copenhagen, 9-12 February 1988
C.M.1988/Assess:15	Report of the Industrial Fisheries Working Group, Copenhagen, 23-29 March 1988
C.M.1988/Assess:16	Report of the Working Group on North Atlantic Salmon, Copenhagen, 21-31 March 1988
C.M.1988/Assess:17	Report of the Herring Assessment Working Group for the Area South of $62^6\mathrm{N}$, Copenhagen, 5-15 April 1988
C.M.1988/Assess:18	Report of the Working Group on Assessment of Pelagic Stocks in the Baltic, Copenhagen, 11-21 April 1988
C.M.1988/Assess:19	Report of the Baltic Salmon and Trout Assessment Working Group, Copenhagen, 22-27 April, 1988

C.M.1988/Assess:20	Report of the Working Group on Assessment of Demersal Stocks in the Baltic, Copenhagen, 18-27 April 1988
C.M.1988/Assess:21	Report of the North Sea Roundfish Working Group, Aberdeen, UK, 18-29 April 1988
C.M.1988/Assess:22	Report of the Working Group on the Assessment of Pelagic Stocks in Divisions VIIIc and IXa and Horse Mackerel, Copenhagen, 4-11 May 1988
C.M.1988/Assess:23	Report of the Multispecies Assessment Working Group, Copenhagen, 1-8 June 1988
C.M.1988/Assess:24	Report of the Working Group on the Assessment of the Stocks of Hake, Copenhagen, 9-16 June 1988
C.M.1988/Assess:25	Report of the Working Group on Fisheries Units in Subareas VII and VIII, Nantes, France, 22-28 June 1988
C.M.1988/Assess:26	Report of the Workshop on Methods of Fish Stocks Assessment, Reykjavik, 6-12 July 1988
C.M.1988/Assess:27	ACFM comments on stock assessment working group reports: a supplement (for working groups) to the ACFM Minutes of November 1987 and May 1988

ACMP - ADVISORY COMMITTEE ON MARINE POLLUTION

ACMP:1* Agenda for the Advisory Committee on Marine Pollution

^{*}For the relevant Committee