

Contributions to be presented at the Statutory Meeting.

<u>Contents</u>	<u>Page</u>
Gen General Assembly Reports and Papers of General Interest	1
Del Delegates Meetings	2
Fi Finance Committee	3
Li Liaison Committee	3
ACMP Advisory Committee on Marine Pollution	3
Pub Publications Committee	3
A Consultative Committee	3
B Gear and Behaviour Committee	4
C Hydrography Committee	7
D Statistics Committee	10
E Fisheries Improvement Committee	12
F Demersal Fish (Northern) Committee	17
G Demersal Fish (Southern) Committee	21
H Pelagic Fish (Northern) Committee	22
J Pelagic Fish (Southern) Committee	25
K Shellfish and Benthos Committee	27
L Plankton Committee	30
M Anadromous and Catadromous Fish Committee	33
N Marine Mammals Committee	35
P Baltic Fish Committee	37

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Documents are coded for the different Committees in accordance with their terms of reference and instructions given by the governing bodies from time to time.

In some cases a paper is coded to one Committee and reference made to one or more other Committees. The intention is to ensure that members of both (all) Committees receive copies in advance. The Chairmen concerned will agree as to presentation in the Committees. Presentation of the same material in more than one Committee should be avoided.

Gen: General Assembly Reports and Papers of General Interest

- Gen:1 "Reports by Observers from Collaborating Organisations".
- Gen:2 "Activities of ICES 1975/76".
- Gen:3 "Report of the ad hoc Meeting on the Provision of Advice on the Biological Basis for Fisheries Management, Charlottenlund, 5-9 January 1976".
- Gen:4 "Advance Release of Tables 1-5 of Bulletin Statistique, Vol. 60 (for 1975)".
- Gen:5 "Election of Committee Chairmen at the 64th Statutory Meeting". (E + F).
- Gen:6 "Note on recommendations and reports".
- Gen:7 "Report on IGOSS".
- Gen:8 "Report on the Special Meeting on Population Assessment of Shellfish Stocks, Charlottenlund, 29 September to 1 October 1976".

Del - DELEGATES MEETINGS

- Del:1* "Audited Accounts for 1974/75 with Balance Sheet per 31/10 1975, and Notes by the General Secretary".
- Del:2* "Preliminary Report on the Administration for the year 1/11-1975 to 31/10-1976".
- Del:3* "Administrative Reports of Area and Subject Committees 1975".
- Del:4* "Estimated Accounts for the Financial Year 1975/76".
- Del:5* "Budget for the Financial Year 1976/77" (E + F)
- Del:6* "Forecast Budget for the Financial Year 1977/78". (E + F)
- Del:7* "Contributions by the United States of America and the German Democratic Republic to the finances of the Council".
- Del:8* "Coordination at the national level". (with Supplement).
- Del:9* "The Council's role under the new Law of the Sea regime".
- Del:10* "The role of the International Council for the Exploration of the Sea in supplying advice to NEAFC".
- Del:11* "Some problems related to the Council's structure".
- Del:12* "Status of documents presented to Statutory Meetings, Symposia and Special Meetings".
- Del:13* "The Council's financial relations with Commissions which receive scientific advice from it".
- Del:14* "Elections to be made by the Council at the 64th Statutory Meeting". (E + F)

Reference paper for Delegates:

C:14

Jens Smed

"Report on the 10th Conference of Baltic Oceanographers".

* For Delegates only.

B - GEAR AND BEHAVIOUR COMMITTEE

<i>Manq.</i> B:1		Administrative Report.
<i>O.K.</i> B:2		"Report of Working Group on Reactions of Fish to Fishing Operations".
<i>O.K.</i> B:3	C S Wardle	"Report by Special Joint Session on the Methods for Observing Gear and the Reactions of Fish to Gear".
<i>O.K.</i> B:4	P J G Carrothers	"General Report. - Gear and Behaviour Working Group Meetings, Hull, England, 29 March to 2 April 1976".
<i>Manq.</i> B:5		"Report of Working Group on Data Collection and Processing in Fish Capture Research".
<i>O.K.</i> B:6		"Report of the Working Group on Sound and Vibration in relation to Fish Capture".
<i>Manq.</i> B:7		"Report of the Working Group on Research on Engineering Aspects of Fishing Gear, Vessels and Equipment".
<i>O.K.</i> B:8	E J de Boer and A R Margetts	"Report of the Special Joint Session on Effects of the Offshore Oil/Gas Industry on Fishing Operations".
<i>O.K.</i> B:9	E J de Boer	"Report of the Joint Technical Sessions on Methods for Measuring Fishing Effort".
<i>O.K.</i> B:10	L A Belyaeva	"The importance of the accounting the fishing gear power for the purposes of the assessment of the fluctuations in fish abundance and the efficiency of the fishery".
<i>O.K.</i> B:11	A I Treschev and S F Efanov	"To the problem on the methods applied for determination of the pelagic trawl catchability".
<i>O.K.</i> B:12 Ref. Baltic Fish Cttee	A I Treschev and S E Shevtsov	"Selectivity of bottom trawl cod ends in the Baltic cod fishery".
<i>O.K.</i> B:13	G P Danyulitè and S K Malkayavichus	"Some peculiarities of the consequences of electric current effect on hydrobionts".
<i>O.K.</i> B:14	J A Pope and J Bohl	"Revised version of Second and Third Reports of the Working Group on Standardization of Scientific Methods for Comparing the Catching Performance of Different Fishing Gear".
<i>O.K.</i> B:15	R B Mitson	"Acoustic estimation of fish near the seabed".
<i>O.K.</i> B:16	B J Robinson	"Statistics of single fish echoes observed at sea".

Gear and Behaviour Cttee (ctd)

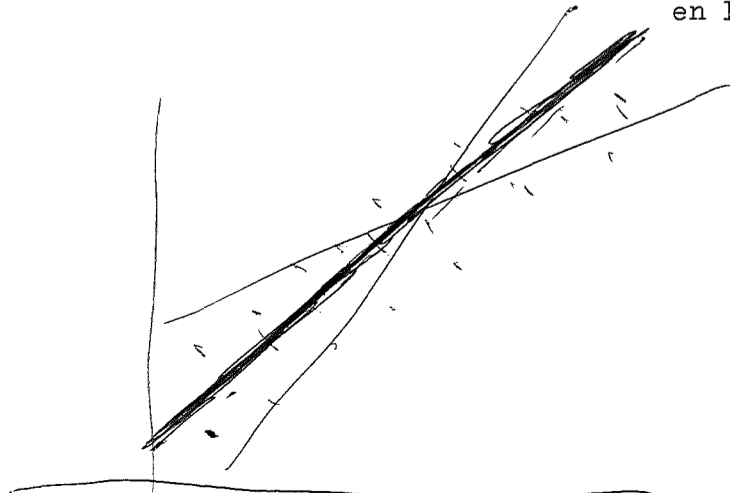
<i>Mangl.</i> B:17	K S Smith	"Notice of research conducted in the U.S.A. on the effects on commercial fishing of offshore petroleum development".
<i>O.K.</i> B:18	P J Warren and S Lovewell	"Further consideration of two types of trawl used in a whitefish/ <u>Nephrops</u> fishery".
<i>O.K.</i> B:19 Ref. Fisheries Improvement Cttee	A R Margetts	"Trawling over oil/gas pipelines".
<i>O.K.</i> B:20	J Main and G I Sangster	"The Aberdeen gear diving technique".
<i>O.K.</i> B:21	C S Wardle and R Priestly	"The basic principles of closed circuit television systems for laboratory and field use in fisheries research".
<i>O.K.</i> B:22	W Siddle	"Design, construction and calibration of the White Fish Authority flume tank".
<i>Mangl.</i> B:23	D A Wileman	"Flume tank facility - net modelling techniques".
<i>O.K.</i> B:24	D N MacLennan, G Urquhart and A D Hawkins	"Acoustic tracking of fish and fishing gears".
<i>O.K.</i> B:25	M Greer Walker	"MAFF sector scanning sonar".
<i>O.K.</i> B:26	C Nédélec	"The increasing importance of fishing technology for developing fisheries". (E + F).
<i>O.K.</i> B:27	L Karlsen	"Basic studies of Norwegian longline gear".
<i>O.K.</i> B:28	L Karlsen	"Experiments with selective prawn trawls in Norway".
<i>O.K.</i> B:29	A Johannessen	"Tank observations of prawns and small cod in relation to a moving model trawl".
<i>O.K.</i> B:30 Ref. Demersal Fish (N) Cttee	W G Doubleday	"A pilot study of a survey design for a combined acoustic and otter-trawl groundfish survey".
<i>O.K.</i> B:31 Ref. Demersal Fish (N) Cttee	R Shotton and R G Dowd	"Preliminary analysis of single and multiple echoes obtained from an acoustic survey of a cod population".
<i>O.K.</i> B:32	D H Cushing	"The present state of acoustic survey".
<i>O.K.</i> B:33 Ref. Baltic Fish Cttee.	H J Bohl and J E Valencia	"German mesh selection experiments on Baltic cod in 1974".
<i>O.K.</i> B:34 Ref. Baltic Fish Cttee.	H J Bohl	"Mesh selection of Baltic cod. German experiments in 1975".

Gear and Behaviour Cttee (ctd)

<i>Mangl.</i> B:35	J C Brabant et A Guillou	"Expérience de sélectivité d'un chalut de pêche artisanale dans le Golfe de Gascogne".
<i>O.K.</i> B:36	M Aksland	"Estimators in acoustic surveying of fish populations".
<i>O.K.</i> B:37	J Dalen, A Raknes and I Røttingen	"Target strength measurements and acoustic biomass estimation of capelin and 0-group fish".
<i>O.K.</i> B:38	A Fernø, A Johannessen, K L Olsen, P Solemdal, S Tilseth and J W Valdemarsen	"Fish behaviour in relation to long lines observed by TV".
<i>Mangl.</i> B:39	R Steinberg and E Dahm	"German mesh experiments with rope trawls".
<i>O.K.</i> B:40	K Lange	"German experiments with spherical otterboards".
<i>O.K.</i> B:41	P M Stewart	"Observations on flatfish reactions to a model electrified beam trawl".
<i>O.K.</i> B:42	K Olsen	"Some experiments on the effect on target strength of fish undertaking vertical migrations".

Reference papers to the Gear and Behaviour Committee

<i>O.K.</i> J:9 Pelagic Fish (S) Cttee	N Diner, J L Avrilla, D Guerault, P Porche et A Vincent	"La prospection acoustique des espèces pélagiques côtières du Golfe de Gascogne en 1975".
<i>O.K.</i> F:28 Demersal Fish (N) Cttee	W Kelle	"Mortality of undersized flatfish (plaice, sole and dab) in the German shrimp fishery".
<i>O.K.</i> K:19 Shellfish and Benthos Cttee	J Prado	"Influences des caractéristiques des navires sur leur pouvoir de pêche dans l'exploitation de la langoustine en Bretagne-sud".



C - HYDROGRAPHY COMMITTEE

C:1	D G Hughes	"A simple method for predicting the occurrence of seasonal stratification and fronts in the North Sea and around the British Isles".
C:2	Yu A Bochkov	"On the effect of solar activity of various periodicity on the thermal regime of the Barents Sea".
C:3	J A Durance and S R Jones	"Spatial variability of residual drift off the east coast of England in 1975".
C:4	S R Jones	"Inshore temperatures around the coast of England and Wales 1966-75".
C:5	J W Ramster, K J Medler and S R Jones	"Residual drift regimes in the Southern Bight of the North Sea during the Joint North Sea Data Acquisition Project of 1973 (JONSDAP 73)".
C:6	J W Ramster and D G Hughes	"A 'stability factor' for estimating the variability of residual drift in current meter records of 20 days or more in length".
C:7	J W Ramster and K J Medler	"Residual drift regimes in the Irish Sea during the British Irish Sea Oceanographic Project 1971 (BISOP 71)".
C:8	Jens Smed ICES	"Report on the 2nd Session of the CMM Working Group on the Marine Meteorological Services System".
C:9 Ref. Fisheries Improvement Cttee	D Schmidt	"Determination of cadmium, copper and iron in sea water of the Western Baltic".
C:10 Ref. Fisheries Improvement Cttee	D Schmidt	"Distribution of seven trace metals in sea water of the Inner German Bight".
C:11	Jens Smed ICES	"Report on the 3rd Session of the Joint IOC/WMO Planning Group for an Integrated Global Ocean Station System".
C:12	D J Edelsten, D J Ellett and A Edwards	"Preliminary results from current measurements at the Scottish continental shelf-edge".
C:13	D J Ellett	"Bottom topography along the track of the Wyville-Thomson Ridge overflow".
C:14 Ref. Delegates	Jens Smed ICES	"Report on the 10th Conference of Baltic Oceanographers".
C:15*		"Seventh Report of the Joint Panel on Oceanographic Tables and Standards".
C:16	C K Ross	"Overflow 73 - Transport of overflow water through Denmark Strait".

* For the relevant Committee only

Hydrography Cttee (ctd)

C:17	H W Riepma and L Otto	"Note on observed short-time temperature variations in the stratified waters south-east of the Dogger Bank".
C:18	L Otto	"Problems in the application of reservoir theory to the North Sea".
C:19	L Otto	"The transit time distribution for the waters along the Netherlands coast".
C:20	M Stein	"German hydrographical investigations in the Barents Sea and off Spitsbergen in the summers of 1974 to 1976".
C:21	M Stein	"Preliminary results of current measurements during the German Antarctic Expedition 1975/76".
C:22	J H A Martin	"Long-term changes in the Faroe-Shetland Channel associated with intrusions of Iceland-Faroe Ridge water during the period 1955-75".
C:23	S Fonselius	"On phosphorus in Baltic surface water".
C:24	U.S. NODC	"ROSCOP Summary of U.S. cruises in the ICES Area 1975".
C:25	W S Glidden and A J Kemmerer	"Report of the Study Group on Remotely Sensed Data".
C:26	Jens Smed	"Introduction to the Hydrography Chapter of 'Annales Biologiques', Vol.32 (1975)".
C:27	Compiled by ICES Hydrographer	"Catalogue of regularly issued Marine Environmental Data Products for the ICES Area. 1976 version".
C:28	Jens Smed	"Activities of the ICES Service Hydrographique during 1975/76".
C:29	A Svansson	"Report on the JONSDAP 76 Experiment".
Ref. Plankton Cttee.		
C:30	J Meincke	"Coupling between bottom currents and weather pattern on the Iceland-Faroe Ridge".
C:31	ICES Hydrographer	"Questions related to the Lists of Semi-Permanent Moored Oceanographic Buoys".
C:32*	ICES Hydrographer	"Draft inventory volume of pre-1963 oceanographic investigations at North Atlantic Ocean Weather Stations".
For Working Group on Ocean Weather Stations		
C:33	ICES Hydrographer	"Provisional programme of work for ICES Service Hydrographique 1976/77".
C:34*	R E Moffatt, E G Trammell Jr., V L Green and C L Schaefer	"World Data Center A (Oceanography). Oceanographic Data Exchange 1975".
For WG on Marine Data Management		
C:35*	U.S. NODC	"NODC archived data: Station data and digitized X-BT's".
For WG on Marine Data Management		

* For the relevant Working Groups

Hydrography Cttee (ctd)

C:36*
Working Group on Marine
Data Management

D R Hamilton

"Environmental models for quality
control".

Reference papers to the Hydrography Committee

E:49
Fisheries Improvement
Committee

"Report on the ICES International
Intercalibration of mercury in sea-
water".

H:28
Pelagic Fish (N) Cttee

Jens Smed

"Bottom temperature and salinity in
the North Sea during the ICES Young
Herring Survey in February 1976".

H:43
Pelagic Fish (N) Cttee

"Preliminary report of the Inter-
national O-Group Fish Survey in the
Barents Sea and Adjacent Waters in
August/September 1976".

L:28
Plankton Committee

H Dooley

"Phytoplankton standing crop adjacent
to ocean boundaries in the northern
North Sea".

* For the relevant
Working Group

D - STATISTICS COMMITTEE

D:1		Administrative Report.
D:2	J Møller Christensen	"Breakdown of ICES Sub-area XIV".
D:3 Ref. all Fish Committees	J P Bridger	"The collection and compilation of catch and effort statistics and the extent of fish sampling programmes in ICES member countries in recent years".
D:4 Ref. Demersal (N) and Pelagic (N) Committees	M J Holden	"Quantities of fish discarded at sea by English and Welsh vessels in 1975".
D:5 Ref. Demersal (N) Committee	J G Pope	"An approach to mixed fisheries theory using a modified Leslie matrix".
D:6	J Blöndal	"A description of the Icelandic system for collecting catch-effort statistics".
D:7	U Falk	"The system of collecting and processing statistical catch data in the German Democratic Republic".
D:8	J Blöndal	"Collection of statistics on by-catch species in Iceland".
D:9		"Report of the Working Group on the Eventual Establishment of an ICES ADP System for Fishery Statistics".
D:10 Ref. Shellfish & Benthos Committee	V Nikolaev	"Harvest of seaweeds and some marine animals in the ICES area".
D:11	ICES Statistician	"Progress Report".
D:12*	FAO/CWP Secretary	"Northeast Atlantic (Area 27-ICES, NEAFC and IBISFC): Description of fishing area for statistical purposes" (being also FAO FIPS/C440 (Rev.2)).
D:13*	FAO/CWP Secretary	"Northeast Atlantic (Area 27-ICES): Classification of aquatic animals and plants for statistical purposes" (being also FAO FIPS/C441 (Rev.2)).
D:14*	FAO/CWP Secretary	"Notes for the Completion of Form STATLANT 27A, FAO Statistical Fishing Area 27-Northeast Atlantic: catch summary" (being also FAO FIPS/C442 (Rev.1)).
D:15*	FAO/CWP Secretary	"Notes for the Completion of Form STATLANT 27B, FAO Statistical Fishing Area 27-Northeast Atlantic: catch/effort" (being also FAO FIPS/C443 (Rev.1)).

* for the relevant
Committee only

Statistics Cttee (ctd)

Reference papers to Statistics Committee

Gen:3		"Report of the <u>ad hoc</u> Meeting on the Provision of Advice on the Biological Basis for Fisheries Management, Charlottenlund, 5-9 January 1976".
F:4 Demersal Fish (N) Cttee		"Report of the North Sea Flatfish Working Group, Charlottenlund, 16-20 February 1976".
F:20 Demersal Fish (N) Cttee		"Compilation of the gadoid data collected during the International Young Herring Survey 1976".
F:26 Demersal Fish (N) Cttee	R C A Bannister and M R Vince	"The abundance indices of North Sea plaice from the Lowestoft trawl catches 1960-74".
P:4 Baltic Fish Cttee	F Thurow and H J Bohl	"On survival rates of Baltic cod after capture".
P:5 Baltic Fish Cttee	F Thurow	"On discards of Baltic cod".

E - FISHERIES IMPROVEMENT COMMITTEE

- E:1 Administrative Report.
- E:2 "Report of the ICES/SCOR Working Group on the Study of the Pollution of the Baltic, Tallinn, 5-7 May 1976" (see also E:2.a)
- E:2.a Annex IV to C.M.1976/E:2: "Report on the Baseline Study of the Level of Contaminating Substances in Living Resources of the Baltic 1974/75, and of the Intercalibration Exercises connected with it".
- E:3 J F Uthe "Triaryl phosphates as potential environmental concerns".
- E:4 "2nd Report of the Working Group on Pollution Baseline and Monitoring Studies in the Oslo Commission and ICNAF Areas, Charlottenlund, 10-13 May 1976" (see also E.4.a)
- E:4.a Annexes 5a, 5b, 6 and 7 to Doc.C.M.1976/E:4.
- E:5 O D Østhus "Breeding of migratory Arctic char (Salvelinus alpinus) in brackish and salt water".
- E:6 "Report of ICES Working Group on Effects on Fisheries of Marine Sand and Gravel Extraction".
- E:7 D Latrouite "Elevage de Vénéridés (Mercenaria mercenaria, Ruditapes decussatus, et Venerupis japonicus) en rivièrè de La Trinité (Bretagne-sud)".
- Ref. Shellfish & Benthos Cttee
- E:8 A Caillot, G Courtois et G Sauzay "Emploi des traceurs pour l'étude du transport et de la dispersion des sédiments ou des polluants en milieu marin".
- E:9 "Papers of interest to the Fisheries Improvement Committee, 1975".
- E:10 ICES General Secretary "Information on production of marine sand and gravel in the ICES area".
- E:11 J Gropp, H Koops, K Tiews and H Beck "Replacement of fish meal in trout feeds".
- E:12 H Kuhlmann "Fish farming experiments in brackish thermal effluents of a power plant".
- E:13 K Tiews "Report on the present research activities in the field of mariculture in ICES member countries (1. revision)".
- E:14 "Report of the ICES Working Group on Mariculture (2nd Meeting)".
- E:15 P G W Jones "An ICES intercalibration exercise for trace metal standard solutions".
- E:16 H E Drescher, U Harms and E Huschenbeth "Organochlorines and heavy metals in the harbour seal (Phoca vitulina) from the German North Sea coast".
- Ref. Marine Mammals Cttee

Fisheries Improvement Cttee (ctd)

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| E:17 | R S Cambray,
D F Jefferies
and G Topping | "The atmospheric input of trace elements to the North Sea". |
| E:18 | K Tiews | "Report on the FAO Technical Conference on Aquaculture held in Kyoto, Japan, 26 May to 2 June 1976". |
| E:19
Ref. Baltic Fish
Cttee | B Luckas,
G Rechlin and
H Wetzel | "On the contamination of feeding herring in Bornholm Basin with DDT and PCB in 1975". |
| E:20 | G Okolotowicz | "Assessment of the actual state of pollution of the Baltic". |
| E:21 | I C White | "The environmental effects of drilling fluids". |
| E:22 | A Preston | "WMO/IOC/UNEP Expert Consultation on a Monitoring System for the Assessment of Background Levels of Selected Pollutants in Open Ocean Waters, 23-25 March 1976: Joint IPLAN/UNEP Intergovernmental Consultation, 26 March 1976, Geneva". |
| E:23
Ref. Demersal
Fish (N) Cttee | Ph Lemerancier
et M Girin | "Expériences de transport et de refroidissement d'oeufs de turbot (<u>Scophthalmus maximus</u>). Application à d'autres espèces de poissons marins". |
| E:24 | J Fuchs et
J Person-Le Ruyet | "Etude comparative des possibilités d'élevage larvaire de quelques poissons marins avec une nouvelle souche d'oeufs d' <u>Artemia salina</u> ". |
| E:25 | H Quiroga | "Note on a tanker shipwreck in the Coruña Bay (Galicia - NW Spain)". |
| E:26 | D J Wildish,
H Akagi and
N J Poole | "Avoidance by herring of sulfite pulp mill effluents". |
| E:27
Ref. Anacat.
Cttee | S P Lall and
F J Bishop | "Mineral utilisation in sea water by Atlantic salmon (<u>Salmo salar</u>)". |
| E:28 | | Withdrawn. |
| E:29 | K I Johannessen | "Effects of seawater extract of Ekofisk oil on hatching success of Barents Sea capelin". |
| E:30 | Grim Berge | "Report on GESAMP-VIII, 21-27 April 1976". |
| E:31 | R Schneider and
Chr Osterroth | "On the chlorinated hydrocarbon levels in cod livers from the Kiel Bight (Western Baltic)". |
| E:32 | O Grahl-Nielsen,
T Neppelberg,
K H Palmork,
K Westrheim and
S Wilhelmsen | "On controlled discharges of oil hydrocarbons from the Ekofisk field terminal platform". |

Fisheries Improvement Cttee (ctd)

- E:33 P O Brandal,
O Grahl-Nielsen,
T Neppelberg,
K H Palmork,
K Westrheim and
S Wilhelmsen "Oil-tainting of fish, a laboratory
test on salmon and saithe".
- E:34 O Grahl-Nielsen,
T Neppelberg,
K H Palmork,
K Westrheim and
S Wilhelmsen "The Drupa oil spill; investigation con-
cerning oil, water and fish".
- E:35 T W Rowell
and G Robert "Recent advances in controlled shellfish
depuration in Canada".
- E:36 D Møller,
Ø Bjerk and
M Holm "Comparative growth studies II".
- Ref. Anacat.
Cttee
- E:37 A Fernø,
M Holm and
S Roald "Agression and growth of Atlantic salmon
in different stocking densities".
- Ref. Anacat.
Cttee
- E:38 B Braaten "Respiratory metabolism and growth of
Atlantic salmon in relation to various
levels of routine activity".
- Ref. Anacat.
Cttee
- E:39 S Knutsson
and T Grav "Growth and sea water adaption in
Atlantic salmon, Salmo salar L., raised
at different experimental photoperiods".
- Ref. Anacat.
Cttee
- E:40 G Nævdal,
M Holm,
D Møller and
O D Østhus "Variation in growth rate and age at
sexual maturity in Atlantic salmon".
- Ref. Anacat.
Cttee
- E:41 I M Davies "The atmospheric deposition of some heavy
metals in the Firth of Forth".
- E:42 R Hardy,
P Mackie,
D Conway and
A D McIntyre "Relationship between hydrocarbons and
chlorophyll, particulate carbon and
plankton in the area between the Firth
of Forth and the Forties oil field".
- E:43 I M Davies "Some observations on mercury in mussels
(Mytilus edulis) from the Firth of
Forth".
- E:44 A D McIntyre "Working Group on Pollution Baseline
and Monitoring Studies in the Oslo
Commission and ICNAF Areas. - Report
of the Sub-Group on the Feasibility
of Effects Monitoring".
- E:45 A V Holden
and A A Cowan "Organochlorine residues in commercial
species of fish from Scottish inshore
waters".
- E:46 A V Holden "Input of organochlorines to the North
Sea via atmospheric deposition".
- E:47 J A Hetherington "Some measurements of the uptake of
radioactivity by marine sediments and
the implications for the monitoring
of other pollutants".
- E:48 T H Simpson,
R Johnstone and
A F Youngson "Sex reversal in salmonids".

Fisheries Improvement Cttee (ctd)

- E:49
Ref. Hydrography
Cttee "Report on the ICES International Inter-
calibration of mercury in seawater".
- E:50 E D Houde "Critical food levels for growth and sur-
vival of laboratory reared larvae of
three species of subtropical marine
fishes".
- E:51 J H Vandermeulen,
P D Keizer and "Compositional changes in beach sediment-
bound arrow bunker C: 1970-76".
T P Ahern

Reference papers to the Fisheries Improvement Committee

- B:19 A R Margetts "Trawling over oil/gas pipelines".
Gear & Behaviour
Cttee
- C:9 D Schmidt "Determination of cadmium, copper and iron
in sea water of the Western Baltic".
Hydrography Cttee
- C:10 D Schmidt "Distribution of seven trace metals in
sea water of the Inner German Bight".
Hydrography Cttee
- K:9 P Hardiman,
Shellfish & Benthos M S Rolfe and
Cttee I C White "Lithothamnium studies off the southwest
coast of England".
- K:30 J D Castell "The application of nutritional techniques
Shellfish & Benthos and J F Covey to determine dietary requirements of
Cttee the bottom-feeding marine invertebrate,
Homarus americanus".
- K:34 J Kopp "Présence d'une phéophycée américaine
Shellfish & Benthos Sargassum muticum sur les côtes
Cttee françaises de la Manche".
- L:26 J A Adams, "A study of the plankton of a Scottish
Plankton Cttee S J Hay and
D D Seaton sea loch receiving effluent from a
pulp and paper mill".
- M:15 R J Gibson "Recent changes in the population of
Anacat. Cttee salmon in the Matamek River on the north
shore of the Gulf of St Lawrence".
- M:22 T H Simpson "Growth bimodality in salmon parr".
Anacat. Cttee and J E Thorpe
- N:7 S V Tessaro "The lesions of chronic methylmercury
Marine Mammals and K Ronald poisoning in the harp seal (Pagophilus
Cttee groenlandicus)".
- N:8 K Ronald "Methylmercury poisoning in the harp
Marine Mammals and S V Tessaro seal (Pagophilus groenlandicus)".
Cttee

Fisheries Improvement Cttee (ctd)

N:16
Marine Mammals
Cttee

G Otterlind

"The harbour porpoise (Phocoena
phocoena) endangered in Swedish waters".

P:6
Baltic Fish Cttee

M Vitinsh and
T Baranova

"Lymphocystosis disease of Baltic flounder
(Platichthys flesus L.)".

F - DEMERSAL FISH (NORTHERN) COMMITTEE

- F:1 ✓ Administrative Report.
- F:2 ✓ "Report of the Saithe (Coalfish) Working Group, Charlottenlund, 2-6 February 1976".
- F:3 "Report of the Working Group on Fish Stocks at the Faroes, Charlottenlund, 9-13 February 1976".
- F:4
Ref. Statistics
Cttee "Report of the North Sea Flatfish Working Group, Charlottenlund, 16-20 February 1976".
- F:5 "Report of the meeting on abundance estimates of juvenile cod, haddock and whiting from the 'International Herring Surveys in the North Sea', Charlottenlund, 12-13 March 1976".
- F:6 "Report of the North-Western Working Group, Charlottenlund, 8-12 March 1976".
- F:7 N Daan "Comments on the concepts of $F_{0.1}$ and stock/recruitment relationship in relation to fisheries management".
Ref. Pelagic Fish
(N) Cttee
- F:8 N Daan "Report on discards of cod, haddock and whiting in the North Sea by the Dutch fleet 1958-75".
- F:9 "Report of the North Sea Roundfish Working Group, Charlottenlund, 15-19 March 1976".
- F:10 ✓ "Report of the North-East Arctic Fisheries Working Group, Charlottenlund, 22-26 March 1976".
- F:11 K M Brander and P D Wallace "Preliminary results of a series of ground-fish surveys in the North East Irish Sea".
- F:12 N Daan,
J R G Hislop,
M J Holden,
W G Parnell,
H Knudsen and
J Lahn-
Johannessen "The results of the international 0-group gadoid survey in the North Sea in 1976".
- F:13 W L Panhorst and H B Becker "Use of principal component analysis in splitting the North Sea sole population".
Ref. Demersal
Fish (S) Cttee
- F:14 A Y Storozhuk "On the use of saithe otoliths (Pollachius virens L.) in population analysis".
- F:15 M A Sonina ✓ "Distribution and structure of the population of the Arcto-Norwegian haddock - Melanogrammus aeglefinus (Linné)".
- F:16 P Walker and S J Lockwood "The migration of juvenile plaice from a nursery ground".
- F:17 "List of publications relative to the interests of the Demersal Fish (N) Committee".

Demersal Fish (N) Cttee (ctd)

F:18	J F de Veen and W L Panhorst	"Prognosis of catch and stock of North Sea sole per quarters of the year".
F:19	J F de Veen	"On the exploitation pattern in the Dutch North Sea sole fishery".
F:20 Ref. Statistics Cttee		"Compilation of the gadoid data collected during the International Young Herring Survey 1976".
F:21 Ref. Demersal Fish (S) Cttee	R G Houghton	"The movements of plaiced tagged in the English Channel".
F:22	P Corp and R G Houghton	"The food of gadoids on the north-east coast of England".
F:23 Ref. Pelagic Fish (N) Cttee		"Preliminary report of the International O-Group Fish Surveys in the Faroe Waters".
F:24 Ref. Pelagic Fish (N) Cttee		Withdrawn.
F:25	T F Cross and R H Payne	"The use of protein polymorphisms to distinguish cod stocks".
F:26 Ref. Statistics Cttee	R C A Bannister and M R Vince	"The abundance indices of North Sea plaice from the Lowestoft trawl catches 1960-74".
F:27	B Fontaine et J Lamolet	"Rapport préliminaire de la campagne française d'inventaire des poissons du groupe O dans les eaux des Faeroës (n/ø. 'Thalassa' juin 1976)".
F:28 Ref. Gear and Behaviour Cttee	W Kelle	"Mortality of undersized flatfish (plaice, sole and dab) in the German shrimp fishery".
F:29	K Kosswig	✓ "Analysis of the age composition of redfish stocks (<u>Sebastes marinus</u> (L.) and <u>Sebastes mentella</u> (Travin)) in selected areas of the eastern North Atlantic in 1975".
F:30 Ref. Pelagic Fish (N) Cttee	P F Lett	"The interaction between the demersal and pelagic fish of the Gulf of St. Lawrence".
F:31 Ref. Pelagic Fish (N) Cttee	P F Lett and D M Ware	⊙ "The structural energetics of natural mortality".
F:32	G Rauck	"Plaice tagging experiment (December 1969) in the inner German Bight".
F:33	S Tilseth and T Strømme	"Changes in buoyancy and activity during starvation of cod larvae (<u>Gadus morhua</u> L.)".
F:34 Ref. Plankton Cttee	B Ellertsen, E Moksness, P Solemdal, T Strømme, S Tilseth and V Øiestad	"The influence of light and food density on the feeding success in larvae of cod (<u>Gadus morhua</u> L.); field and laboratory observations".

Demersal Fish (N) Cttee (ctd)

F:35	R Jones and J Richards	②	"Some observations on the interrelationships between the major fish species in the North Sea".
F:36 Ref. Pelagic Fish (N) Cttee	R Jones	②	"An energy budget for North Sea fish species and its applications for fisheries management".
F:37	D W Armstrong	②	"Development of a semi-automatic fish measuring board".
F:38	A W Newton		"Distribution of juvenile flatfish caught in the Scottish pelagic 0-group surveys 1972-75".
F:39	T Jakobsen		"Preliminary results of saithe tagging experiments on the Norwegian coast in 1973".
F:40 Ref. Pelagic Fish (N) Cttee	R G Stevens, P H Odense and W B Stallworthy		"Hematological studies on some northwest Atlantic fish species".
F:41	P Agger and E Ursin		"Food and food preference of the Grey Gurnard".
√ F:42	V Nikolaev	<u>un.</u>	"Cod stocks in 1975 - Introduction to 'Annales Biologiques', Vol.32".

Reference papers to the Demersal Fish (Northern) Committee

Gen:3			"Report of the <u>ad hoc</u> Meeting on the Provision of Advice on the Biological Basis for Fisheries Management, Charlottenlund, 5-9 January 1976".
B:30 Gear and Behaviour Cttee	W G Doubleday		"A pilot study of a survey design for a combined acoustic and otter-trawl groundfish survey".
B:31 Gear and Behaviour Cttee	R Shotton and R G Dowd		"Preliminary analysis of single and multiple echoes obtained from an acoustic survey of a cod population".
D:3 Statistics Cttee	J P Bridger		"The collection and compilation of catch and effort statistics and the extent of fish sampling programmes in ICES member countries in recent years".
D:4 Statistics Cttee	M J Holden		"Quantities of fish discarded at sea by English and Welsh vessels in 1975".
D:5 Statistics Cttee	J G Pope		"An approach to mixed fisheries theory using a modified Leslie matrix".
E:23 Fisheries Improve- ment Cttee	Ph Lemercier et M Girin		"Expériences de transport et de refroidissement d'oeufs de turbot (<u>Scophthalmus maximus</u>). Application à d'autres espèces de poissons marins".

Demersal Fish (N) Cttee (ctd)

G:7 Demersal Fish (S) Cttee	A Fernández, J Pereiro and S Iglesias	"Age composition, total mortality, and seasonal cycle of the hake, caught off W.Ireland by the fishing fleet from NW of Spain".
H:25 Pelagic Fish (N) Cttee		"Report on Joint Soviet-Icelandic Investigations on the distribution of pelagic fish and oceanographic conditions in the Norwegian Sea and waters adjacent to Iceland in May-June 1976".
H:28 Pelagic Fish (N) Cttee	Jens Smed	"Bottom temperature and salinity in the North Sea during the ICES Young Herring Survey in February 1976".
H:39 Pelagic Fish (N) Cttee		"Preliminary report on the 0-group fish survey in Icelandic and Greenland waters July-August 1976".
H:40 Pelagic Fish (N) Cttee	Ø Ulltang	"Sources of errors in and limitation of virtual population analysis (cohort-analysis)".
H:43 Pelagic Fish (N) Cttee		"Preliminary report of the International 0-group fish survey in the Barents Sea and adjacent waters in August/September 1976".
L:15 Plankton Committee	N Daan	"Some preliminary investigations into predation on fish eggs and larvae in the southern North Sea".
L:27 Plankton Committee	S J Hay, J A Adams and J R G Hislop	"The distribution and abundance of Scyphomedusae in the North Sea during the summer of 1975".
L:36 Plankton Committee	G C Laurence	"A bioenergetic model for the analysis of feeding and survival potential of winter flounder larvae (<u>Pseudopleuronectes americanus</u>) during the period from hatching to metamorphosis".
M:21 Anacat. Committee	R S Wright	"Sexing live fish".

G - COMITÉ DES POISSONS DE FOND (SUD)

G:1		Rapport administratif.
G:2		"Bibliographie des publications produites en 1975 intéressant les membres du Comité des Poissons de Fond (Sud)".
G:3	A Arias	"Biologie du loup, <u>Dicentrarchus labrax</u> L., de la région de Cadix (S de l'Espagne)".
G:4	S Cárdenas	"Food habits of the toadfish <u>Halobatrachus didactylus</u> (Schneider, 1801) in the Cadix Bay (SW Spain)".
G:5 Ref. Plankton Cttee	M I Palomera and P Rubies	"Eggs and larvae of two species of Soleidae from off NW Africa: <u>Microchirus ocellatus</u> and <u>M. azevia</u> (Pisces, Pleuronectiformes)".
G:6	J Lleonart, X Fusté, D Lloris, E MacPherson and I Olievella	"Association between species of fishes and benthonic cephalopods caught in the 'Atlor VI' cruise".
G:7 Ref. Demersal Fish (N) Cttee	A Fernández, J Pereiro and S Iglesias	"Age composition, total mortality, and seasonal cycle of the hake, caught off W. Ireland by the fishing fleet from NW of Spain".

Communications ayant référence au Comité des poissons de fond (sud)

Gen:3		"Report of the <u>ad hoc</u> Meeting on the Provision of Advice on the Biological Basis for Fisheries Management, Charlottenlund, 5-9 January 1976".
D:3 Statistics Committee	J P Bridger	"The collection and compilation of catch and effort statistics and the extent of fish sampling programmes in ICES member countries in recent years".
F:13 Demersal Fish (N) Committee	W L Panhorst and H B Becker	"Use of principal component analysis in splitting the North Sea sole population".
F:21 Demersal Fish (N) Committee	R G Houghton	"The movements of plaice tagged in the English Channel".
H:13 Pelagic Fish (N) Committee	J W Horwood	"The spatial distribution of the blue whiting (<u>Micromesistius poutassou</u>) by power spectral analysis".
J:12 Pelagic Fish (S) Committee	M Lima Dias, K Olsen and O J Østvedt	"Report on a cruise by the R.V. 'G.O.Sars' to the Açores and the coast of Portugal November/December 1975".
K:32 Shellfish & Benthos Committee	J Bravo de-Laguna, M A R Fernández and J C Santana	"Discardings of fishes in the cephalopods fishery off West Africa".

H - PELAGIC FISH (NORTHERN) COMMITTEE

- H:1 Administrative Report.
- H:2 "Report of the Herring Assessment Working Group for the Area South of 62°N, Charlottenlund, 26 February - 6 March 1976".
- H:3
Ref. Pelagic Fish (S)
Committee "Report of the Mackerel Working Group, Charlottenlund, 8-12 March 1976" (with an Addendum).
- H:4 E M Kostrichkina and M L Starodub "Feeding and forage reserve use by herring and sprat".
- H:5 A D Shulga and V V Belousov ⊗ "Dependence of certain biological characteristics of the Barents Sea capelin on the temperature regime".
- H:6
Ref. Pelagic Fish (S)
Committee C T Macer "Observations on the maturity and fecundity of mackerel (Scomber scombrus L.)".
- H:7 R J Wood and G J Howlett "On the distribution and abundance of larval and juvenile herring in the North Irish Sea".
- H:8 R J Wood and A C Burd "Growth and mortality of herring larvae in the central North Sea".
- H:9
Ref. Pelagic Fish (S)
Committee P Porche "Le sprat (Clupea sprattus L.) du golfe de Gascogne. Observations biologiques et écologiques sur les échantillons prélevés en 1975".
- H:10 "Bibliography of papers published by members of the Pelagic Fish (Northern) Committee in 1975 or relevant to the interests of that Committee".
- H:11 A Corten "Report on the International Young Herring Survey in the North Sea 1976".
- H:12 G van de Kamp ⊗ "Estimates of stock size and recruitment in separate subpopulations of North Sea herring by means of larval surveys".
- H:13
Ref. Demersal Fish (S)
Committee J W Horwood "The spatial distribution of the blue whiting (Micromesistius poutassou) by power spectral analysis".
- H:14
Ref. Pelagic Fish (S)
and Baltic Fish
Cttees J H Nichols and R J Wood "Sorting and identification techniques for clupeoid larvae".
- H:15 M G Pawson, S E Blanchflower, S T Forbes and J Richards ⊗ "Preliminary results of the 1976 English and Scottish blue whiting surveys".
- H:16 R Grainger "An investigation into stock composition of autumn-spawning herring to the west of Ireland".
- H:17 "Report of the Working Group on North Sea Herring Larval Surveys".

Pelagic Fish (N) Cttee (ctd)

H:18	S J Lockwood and W Dawson	"Recent changes in the catch per unit of effort of the Cornish mackerel handline fishery".
H:19	S J Lockwood and J Dann	"A review of the mackerel fishery in ICES Region VII over the past 50 years, 1926-76".
H:20	D Dorel et A Maucorps	"Note sur la granulométrie des frayères de hareng en Manche orientale".
H:21	E Hahlbeck	"Investigations on abundance and distribution of herring larvae in the northern North Sea and adjacent waters in 1975".
H:22	E Hahlbeck	"Sprat larvae in the northwestern North Sea and west of the Orkney and Shetland Islands in 1973-75".
H:23	K Siudziński	"Quantitative occurrence of herring larvae (<u>Clupea harengus</u> L.) in the North Sea in 1975".
H:24	R H Payne	"Further studies on the biochemical population genetics of the capelin, <u>Mallotus villosus</u> : Demonstration that the capelin populations of West Greenland and eastern North America are genetically-distinct".
H:25	Ref. Demersal Fish (N) Committee	"Report on Joint Soviet-Icelandic Investigations on the distribution of pelagic fish and oceanographic conditions in the Norwegian Sea and waters adjacent to Iceland in May-June 1976".
H:26	Vøgg H Jacobsen and A Hansen	"Report on the International Surveys of Herring Larvae in the North Sea and Adjacent Waters in 1975/76".
H:27	J Sosiński	"Biological investigations of spurdogfish (<u>Squalus acanthias</u> L.) in the North Sea in 1974".
H:28	Ref. Hydrography and Demersal Fish (N) Committees	Jens Smed "Bottom temperature and salinity in the North Sea during the ICES Young Herring Survey in February 1976".
H:29	R S Bailey and A Braes	"Surveys of sprat eggs and larvae to the north and east of Scotland 1973-75".
H:30	D W McKay	"The distribution and abundance of herring larvae to the west of Scotland in 1975".
H:31	J A Morrison and T Bruce	"Mesh selection of sprat in a Scottish pair trawl fishery".
H:32		Withdrawn.
H:33	M Walsh	"Mackerel spawning to the west of the British Isles".

Pelagic Fish (N) Cttee (ctd)

H:34	K MacKenzie and G Johnstone	"Recruitment to the Minch herring population, as determined by the use of parasites as biological tags and a new meristic character".
H:35	R Wootten and J W Smith	"Observational and experimental studies on larval nematodes in Blue Whiting from waters to the west of Scotland".
H:36	H Bjørke	"Food and feeding of young herring larvae of Norwegian spring spawners".
H:37	H Bjørke	"Some preliminary results on food and feeding of young capelin larvae".
H:38	V Nikolaev	"Herring Stocks in 1975 - Introduction to 'Annales Biologiques', Vol.32".
H:39 Ref. Demersal Fish (N) Committee		"Preliminary report on the 0-group fish survey in Icelandic and Greenland waters July-August 1976".
H:40 Ref. Demersal Fish (N) Committee	Ø Ulltang	"Sources of errors in and limitation of virtual population analysis (cohort-analysis)".
H:41 Ref. Plankton Cttee	W R Nelson	"Larval transport and year class strength of Atlantic menhaden".
H:42	W C Leggett, J Sharp, K Able and J Carscadden	"Meristic and morphometric evidence for separate stocks of capelin, <u>Maallotus vilosus</u> , in Canadian waters".
H:43 Ref. Hydrography and Demersal Fish (N) Committees		"Preliminary report of the International 0-Group Fish Survey in the Barents Sea and Adjacent Waters in August/September 1976".

Reference papers to the Pelagic Fish (N) Committee

Gen:3		"Report of the <u>ad hoc</u> Meeting on the Provision of Advice on the Biological Basis for Fisheries Management, Charlottenlund, 5-9 January 1976".
D:3 Statistics Committee	J P Bridger	"The collection and compilation of catch and effort statistics and the extent of fish sampling programmes in ICES member countries in recent years".
D:4 Statistics Committee	M J Holden	"Quantities of fish discarded at sea by English and Welsh vessels in 1975".
F:7 Demersal Fish (N) Cttee	N Daan	"Comments on the concepts of $F_{0.1}$ and stock/recruitment relationship in relation to fisheries management".
F:23 Demersal Fish (N) Cttee		"Preliminary report of the International 0-Group Fish Surveys in the Faroe Waters".

Pelagic Fish (N) Cttee (ctd)

F:24 Demersal Fish (N) Cttee		Withdrawn.
F:30 Demersal Fish (N) Cttee	P F Lett	"The interaction between the demersal and pelagic fish of the Gulf of St. Lawrence".
F:31 Demersal Fish (N) Cttee	P F Lett and D M Ware	"The structural energetics of natural mortality".
F:36 Demersal Fish (N) Cttee	R Jones	"An energy budget for North Sea fish species and its applications for fisheries management".
F:40 Demersal Fish (N) Cttee	R G Stevens, P H Odense and W B Stallworthy	"Hematological studies on some north-west Atlantic fish species".
L:15 Plankton Committee	N Daan	"Some preliminary investigations into predation on fish eggs and larvae in the southern North Sea".
L:19 Plankton Committee	M Heral, D Woehrling, D Halgand et P Lassus	"Utilisation du filet à plancton du type 'Bongo'".
L:37 Plankton Committee	R G Lough	"Mortality and growth of Georges Bank-Nantucket shoals herring larvae during three winters".
L:38 Plankton Committee	K Sherman, L Sullivan, K Honey and D Busch	"Changes in the availability of food of larval herring in Maine coastal waters".

J - COMITE DES POISSONS PELAGIQUES (SUD)

- J:1 Rapport administratif.
- J:2 "Bibliographie des publications produites en 1975 intéressant les membres du Comité des Poissons Pélagiques (Sud)" (and Supplement).
- J:3 J Rodriguez-Roda "The anchovy (Engraulis encrasicolus (L.)) from the Gulf of Cadix (SW Spain)".
- J:4 M Gomez-Larraneta "Size and age of first maturation, and relative fecundity in Sardina pilchardus off Castellon (Spanish Mediterranean coast)".
- J:5 H Aloncle,
J Hamre,
J Rodriguez-Roda
and K Tiews "Report of the Bluefin Tuna Working Group - Observations on the size composition of the Bluefin Tuna catches from 1975".
- J:6 L N Domanevsky
and N A Barkova "Some peculiarities of sardine (Sardina pilchardus Walbaum) distribution and spawning along Northwest Africa".
- J:7 S Arbault
et N Lacroix "Résultats préliminaires de la campagne de mars 1975 dans le golfe de Gascogne (oeufs et larves de sardine)".
- J:8 H Aloncle
et F Delaporte "Classes, croissance et populations de germes Thunnus alalunga dans l'Atlantique N.E."
- J:9 N Diner,
J L Avrilla,
D Guerault,
P Porche et
A Vincent "La prospection acoustique des espèces pélagiques côtières du golfe de Gascogne en 1975".
- J:10 H Borrmann
and S Holzlöhner "Stock assessment of pilchard (Sardina pilchardus) in the western Channel".
- J:11 J L Cort,
C A Fernández-Pato
et E de Cárdenas "Observations sur la maturation sexuelle du thon rouge (Thunnus thynnus (L.)) du golfe de Gascogne".
- J:12 M Lima Dias,
K Olsen and
O J Østvedt "Report on a cruise by the R.V. 'G. O. Sars' to the Açores and the coast of Portugal November/December 1975".
- J:13 J Bravo de-Laguna,
M A R Fernández et
J C Santana "The Spanish fishery on sardine (Sardina pilchardus Walb.) off West Africa".

Communications ayant référence au Comité des poissons pélagiques (sud)

- Gen:3 "Report of the ad hoc Meeting on the Provision of Advice on the Biological Basis for Fisheries Management, Charlottenlund, 5-9 January 1976".
- D:3 J P Bridger
Statistics Committee "The collection and compilation of catch and effort statistics and the extent of fish sampling programmes in ICES member countries in recent years".

Cté des Poissons pélagiques (sud) (suite)

H:3 Pelagic Fish (N) Cttee		"Report of the Mackerel Working Group, Charlottenlund, 8-12 March 1976" (with an Addendum).
H:6 Pelagic Fish (N) Cttee	C T Macer	"Observations on the maturity and fecundity of mackerel (<u>Scomber</u> <u>scombrus</u> L.)".
H:9 Pelagic Fish (N) Cttee	P Porche	"Le sprat (<u>Clupea sprattus</u> L.) du golfe de Gascogne. Observations biologiques et écologiques sur les échantillons prélevés en 1975".
H:14 Pelagic Fish (N) Cttee	J H Nichols and R J Wood	"Sorting and identification techniques for clupeoid larvae".
L:19 Plankton Committee	M Heral, D Woehrling, D Halgand et P Lassus	"Utilisation du filet à plancton du type 'Bongo'".

K - SHELLFISH AND BENTHOS COMMITTEE

- K:1 Administrative Report.
- K:2 "Bibliography of publications relative to the interests of the ICES Shellfish and Benthos Committee 1975".
- K:3 M Gutierrez "Technique pour colorer l'agent de la maladie de la glande digestive de Ostrea edulis (L.)".
- K:4 A Rodriguez "Biologie et pêche du crevette Penaeus kerathurus du Golfe de Cadix".
- K:5 J Alonso-Allende "Notes on the biology of Nephrops norvegicus L. from the northwest of Spain".
- K:6 Ch. M Nigmatullin and A A Ostapenko "Feeding of Octopus vulgaris Lam. from the Northwest African coast".
- K:7 D B Bennett and C G Brown "Crab (Cancer pagurus L.) migrations in the English Channel".
- K:8 "A general summary of the Scallop Workshop held in Baltimore, Ireland, 11-16 May 1976".
- K:9 P Hardiman,
Ref. Fisheries Impr. M S Rolfe and
Committee I C White "Lithothammium studies off the southwest coast of England".
- K:10 A E Howard and D B Bennett "Sediment selection and burrowing behaviour of juvenile lobsters (Homarus gammarus L.)".
- K:11 D Key,
R S Nunny,
P E Davidson and M A Leonard "Abnormal shell growth in the Pacific oyster (Crassostrea gigas): some preliminary results from experiments undertaken in 1975".
- K:12 J F Caddy and A R Billard "A first estimate of production from an unexploited population of the bar clam Spisula solidissima".
- K:13 P J Warren "Some observations on fishing practice and fish predation as factors affecting a Nephrops stock".
- K:14 G de Kergariou "Premiers résultats obtenus par marquage de l'araignée de mer Maio squinado, déplacements, mortalité par pêche".
- K:15 A Campillo "Etudes des lésions d'origine bactérienne de la cuticule de Palaemon serratus".
- K:16 C Auger, G Tige, et M A Rabouin "Etude de l'évolution du parasitisme lors du transfert d'huîtres plates parasitées dans différents milieux".
- K:17 E His, G Tige, et M A Rabouin "Observations relatives à la maladie des huîtres plates dans le bassin d'Arcachon; vitesse d'infestation et réactions pathologiques".
- K:18 H Grizel, G Tige et M A Rabouin "Données sur la situation actuelle de la maladie de l'huître plate Ostrea edulis".

Shellfish and Benthos Cttee (ctd)

- K:19 J Prado "Influence des caractéristiques des navires sur leur pouvoir de pêche dans l'exploitation de la langoustine en Bretagne-sud".
Ref. Gear and Behaviour Committee
- K:20 A Charuau et M Conan "Détermination du taux d'accroissement à la mue chez la langoustine".
- K:21 G Tige et M A Rabouin "Etude d'un lot de moules transférées dans un centre d'élevage d'huîtres plates touchées par l'épizootie provoquée par Martelia refringens".
- K:22 M Comps "Haplosporidie parasite des branchies de l'huître plate Ostrea edulis L."
- K:23 E His "Observations complémentaires sur la production 'naissain naturel un à un'. Sa croissance dans le bassin d'Arcachon".
- K:24 M-P Gras et P Gras "Essais d'amélioration de la qualité des huîtres creuses, Crassostrea gigas, en milieu naturel (claires)".
- K:25 A B Stasko "Northumberland Strait project: lobster and rock crab abundance in relation to environmental factors".
- K:26 T Amaratunga, J F Caddy and A B Stasko "Northumberland Strait project: an interdisciplinary study of the declining shellfish resources".
- K:27 T Amaratunga "Northumberland Strait project: benthic fauna distribution and abundance in relation to shellfish resources".
- K:28 G P Ennis "Determination of shell condition in lobsters (Homarus americanus) by means of external macroscopic examination".
- K:29 A Fernández Garcia "Data on the Norway lobster population of Galicia (NW Spain)".
- K:30 J D Castell and J F Covey "The application of nutritional techniques to determine dietary requirements of the bottom-feeding marine invertebrate, Homarus americanus".
Ref. Fisheries Impr. Committee
- K:31 T Thomassen "Growth, recruitment and mortality of Pandalus borealis (Krøyer) in Balsfjord, northern Norway".
- K:32 J Bravo de-Laguna, M A R Fernández et J C Santana "Discardings of fishes in the cephalopods fishery off West Africa".
Ref. Demersal Fish (S) Committee
- K:33 G G Newman and D E Pollock "The population dynamics of rock lobster Jasus lalandii on two South African fishing grounds".
- K:34 J Kopp "Présence d'une phéophycée américaine Sargassum muticum sur les côtes françaises de la Manche".
Ref. Fisheries Impr. Committee
- K:35 F G Howard "The by-catch in the Scottish fishery for Pandalus borealis Krøyer on the Fladen Ground 1970-75".

Shellfish and Benthos Cttee (ctd)

K:36	B Bøhle	"Effect of temperature on development of embryos and hatching of the eggs of deep sea prawn (<u>Pandalus borealis</u> Krøyer)".
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Reference papers to the Shellfish and Benthos Committee

Gen:3		"Report of the <u>ad hoc</u> Meeting on the Provision of Advice on the Biological Basis for Fisheries Management, Charlottenlund, 5-9 January 1976".
D:10 Statistics Committee	V Nikólaev	"Harvest of seaweeds and some marine animals in the ICES area".
E:7 Fisheries Improvement Committee	D Latrouite	"Elevage de Vénéridés (<u>Mercenaria mercenaria</u> , <u>Ruditapes decussatus</u> , et <u>Venerupis japonicus</u>) en rivièrè de La Trinité (Bretagne sud)".

L - PLANKTON COMMITTEE

- L:1 Administrative Report.
- L:2 "Publications relevant to the work of the Plankton Committee, 1975".
- L:3 T Platt "New data on the relationship between photosynthesis and light for natural populations of coastal marine phytoplankton".
- L:4 K Denman and T Platt "The variance spectrum for phytoplankton patchiness in a turbulent ocean"
- L:5 I McLaren "Ecological and genetical strategies in Pseudocalanus production".
- L:6 R O Fournier "Nutrient dynamics of the Scotian Shelf".
- L:7 J W Horwood "A critical investigation of small-scale variability in phytoplankton".
- L:8 M-L Furnestin "Les copépodes du plateau continental marocain et du Détroit Canarien. I. Répartition quantitative" (with English summary).
- L:9 M-L Furnestin et M Belfquih "Les copépodes du plateau continental marocain et du Détroit Canarien. II. Les espèces au cours d'un cycle annuel dans les zones d'upwelling" (with English summary).
- L:10 L A Vinogradova "A dependence of marine planktonic algae sinking rate on temperature, cell volume and shape".
- L:11 J Beaudouin "Chaetognathes, siphonophores, méduses, salpes et doliolles du Plateau continental du golfe de Gascogne en 1971".
- L:12 J Koszteyn "The effects of temperature on the occurrence of Sagitta enflata (Grassi) in the waters of the northwest African Shelf".
- L:13 M Pliński "Relationship between the measurements of chosen species of Dinophyceae and environmental conditions".
- L:14 M Pliński "Predominant species of net phytoplankton from the region of Bear Island".
- L:15 N Daan "Some preliminary investigations into predation on fish eggs and larvae in the southern North Sea".
- Ref. Demersal Fish (N)
and Pelagic Fish (N)
Committees
- L:16 J P Casanova et D Judkins "Les crustacés décapodes pélagiques de part et d'autre de Gibraltar. Relations entre les faunes atlantique et méditerranéenne".
- L:17 S Schulz and W Kaiser "The annual course of some biological and chemical parameters at two representative stations in the Arkona and Bornholm Sea (Baltic Sea) in 1975".

Plankton Cttee (ctd)

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| L:18 | H Tambs-Lyche | "Introduction to the Plankton Chapter of Volume 32 of 'Annales Biologiques'". |
| L:19
Ref. Pelagic Fish (N)
and (S) Committees | M Heral,
D Woehrling,
D Halgand et
P Lassus | "Utilisation du filet à plancton du type 'Bongo'". |
| L:20 | David Mackas | "Horizontal spatial heterogeneity of zooplankton on the Fladen Ground". |
| L:21 | D Kuhlmann | "Laboratory studies of the feeding behaviour of the chaetognaths <u>Sagitta setosa</u> J Müller and <u>S.elegans</u> Verrill with special reference to fish eggs and -larvae as food organisms". |
| L:22 | J H Steele
and B W Frost | "The structure of plankton communities". |
| L:23 | J C Gamble,
J M Davies
and J H Steele | "Large enclosure experiments, Loch Ewe, 1974". |
| L:24 | J H Steele | "Patches or patchiness". |
| L:25 | I Evans,
G Kullenberg
and J H Steele | "A shear-diffusion model of plankton populations". |
| L:26
Ref. Fisheries Impr.
Committee | J A Adams,
S J Hay and
D D Seaton | "A study of the plankton of a Scottish sea loch receiving effluent from a pulp and paper mill". |
| L:27
Ref. Demersal Fish
(N) Committee | S J Hay,
J A Adams and
J R G Hislop | "The distribution and abundance of Scyphomedusae in the North Sea during the summer of 1975". |
| L:28
Ref. Hydrography
Committee | H Dooley | "Phytoplankton standing crop adjacent to ocean boundaries in the northern North Sea". |
| L:29
Ref. Publications
Committee | J H Fraser | "Editor's Report 1975-76: Plankton Identification Sheets". |
| L:30 | S B Schnack | "Preliminary studies on the importance of <u>Ceratium</u> as food for copepods". |
| L:31 | Th. Thórdadóttir | "The spring primary production in Icelandic waters 1970-75". |
| L:32 | Th. Thórdadóttir | "Preliminary assessment of the annual production in the shelf area around Iceland". |
| L:33 | G D Grice
and V R Gibson | "Resting eggs in <u>Pontella meadi</u> Wheeler (Copepoda: Calanoida)". |
| L:34 | T Laevastu,
J Dunn and
F Favorite | "Consumption of copepods and euphausiids in the eastern Bering Sea as revealed by a numerical ecosystem model". |
| L:35 | R Lasker | "The relation between oceanographic conditions and larval anchovy food in the California current: identification of factors contributing to recruitment failure". |

Plankton Cttee (ctd)

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| L:36
Ref. Demersal Fish
(N) Committee | G C Laurence | "A bioenergetic model for the analysis of feeding and survival potential of winter flounder larvae (<u>Pseudopleuronectes americanus</u>) during the period from hatching to metamorphosis". |
| L:37
Ref. Pelagic Fish
(N) Committee | R G Lough | "Mortality and growth of Georges Bank-Nantucket shoals herring larvae during three winters". |
| L:38
Ref. Pelagic Fish
(N) Committee | K Sherman,
L Sullivan,
K Honey and
D Busch | "Changes in the availability of food of larval herring in Maine coastal waters". |
| L:39 | | "Report of the Working Group on Red Tides and Eutrophication". |

Reference papers to the Plankton Committee

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| C:29
Hydrography Committee | A Svansson | "Report on the JONSDAP 76 Experiment". |
| F:34
Demersal Fish (N)
Committee | B Ellertsen,
E Moksness,
P Solemdal,
T Strømme,
S Tilseth and
V Øiestad | "The influence of light and food density on the feeding success in larvae of cod (<u>Gadus morhua</u> L.); field and laboratory observations". |
| G:5
Demersal Fish (S)
Committee | M I Palomera
and P Rubies | "Eggs and larvae of two species of Soleidae from off NW Africa: <u>Microchirus ocellatus</u> and <u>M. azevia</u> (Pisces, Pleuronectiformes)". |
| H:41
Pelagic Fish (N)
Committee | W R Nelson | "Larval transport and year class strength of Atlantic menhaden". |
| J:7
Pelagic Fish (S)
Committee | S Arbault et
N Lacroix | "Résultats préliminaires de la campagne de mars 1975 dans le golfe de Gascogne (oeufs et larves de sardine)". |
| N:12
Marine Mammals
Committee | J W Horwood | "On the joint exploitation of krill and whales". |

M - ANADROMOUS AND CATADROMOUS FISH COMMITTEE

- M:1 Administrative Report.
- M:2 "First Report of the Working Group on the Stocks of the European Eel, Charlottenlund, 27-31 October 1975".
- M:3 A L Bakshtansky, V D Nesterov and M N Nekludov "Predators' effect on the behaviour of Atlantic salmon smolts in the period of downstream migration".
- M:4 A L Bakshtansky, I A Barybina and V D Nesterov "Changes in the intensity of downstream migration of Atlantic salmon smolts according to abiotic factors".
- M:5 K Radziun and M Stańkowska-Rudziun "Pink salmon caught in Polish waters".
- M:6 R Bartel "The Drava river salmon in the light of some recent tagging experiments".
- M:7 R Sych and R Bartel "Some examples of looking for improvement of sea trout and rainbow trout exploitation".
- M:8 R H Payne, W H Lear and J Møller Jensen "The stock composition of Atlantic salmon off West Greenland in 1975".
- M:9 R H Payne and T F Cross "A new enzyme polymorphism of potential value in investigating the population genetics of the two races of Atlantic salmon in Europe: the S-form of NADP-isocitrate dehydrogenase in liver".
- M:10 D J Piggins "Exploitation of grilse stocks by rod fishing in a lake system and subsequent spawning escapements, smolt productions and adult returns, 1970-75".
- M:11 J Wiktor and M Szymelfenig "Fertilisation experiments of the sea trout and rainbow trout in brackish water of various salinity".
- M:12 O Christensen "Notes on catches of Baltic salmon 1971-75".
- M:13 J W Saunders "Fate of Atlantic salmon parr and smolts after descending from a small stream, tributary to the Northwest Miramichi River".
- M:14 E Twomey "The restoration of the salmon stocks of the River Lee".
- M:15 R John Gibson "Recent changes in the population of salmon in the Matamek River on the north shore of the Gulf of St. Lawrence".
Ref. Fisheries Impr. Committee
- M:16 G E Turner "Exploitation of Atlantic salmon (Salmo salar) in the Miramichi River system, including the bay and estuary, as revealed by wild smolt and adult salmon tagging".

Anacat Cttee (ctd)

M:17	R L Saunders and E B Henderson	"The attainment of sexual maturity in Atlantic salmon reared at different salinities".
M:18	B B Parrish	"Salmon catches in 1975".
M:19	G H Penney	"Progress in Atlantic salmon (<u>Salmo salar</u>) rehabilitation in the Upper Saint John River, New Brunswick".
M:20	W M Shearer	"Assessment of the exploitation of Atlantic salmon by Scottish commercial fisheries".
M:21 Ref. Demersal Fish (N) Committee	R S Wright	"Sexing live fish".
M:22 Ref. Fisheries Impr. Committee	T H Simpson and J E Thorpe	"Growth bimodality in salmon parr".
M:23	J M Weber	"Occurrence of specific agglutinins in Atlantic salmon (<u>Salmo salar</u>)".
M:24		"Report on the Joint ICES/EIFAC Symposium on Eel Research and Management (Helsinki, 9-11 June 1976)".

Reference papers to the Anadromous and Catadromous Fish Committee

Gen:3		"Report of the <u>ad hoc</u> Meeting on the Provision of Advice on the Biological Basis for Fisheries Management, Charlottenlund, 5-9 January 1976".
E:27 Fisheries Improvement Committee	S P Lall and F J Bishop	"Mineral utilisation in seawater by Atlantic salmon (<u>Salmo salar</u>)".
E:36 Fisheries Improvement Committee	D Møller, Ø Bjerk and M Holm	"Comparative growth studies II.".
E:37 Fisheries Improvement Committee	A Fernø, M Holm and S Roald	"Aggression and growth of Atlantic salmon in different stocking densities".
E:38 Fisheries Improvement Committee	B Braaten	"Respiratory metabolism and growth of Atlantic salmon in relation to various levels of routine activity".
E:39 Fisheries Improvement Committee	S Knutsson and T Grav	"Growth and sea water adaption in Atlantic salmon, <u>Salmo salar</u> L., raised at different experimental photoperiods".
E:40 Fisheries Improvement Committee	G Nævdal, M Holm, D Møller and O D Østhus	"Variation in growth rate and age at sexual maturity in Atlantic salmon".

N - MARINE MAMMALS COMMITTEE

- N:1 Administrative Report.
- N:2 "List of Publications on Marine Mammals, 1975" (with a Supplement).
- N:3 R Duguay "Cétacés trouvés sur les côtes de France en 1975 - Observations of stranded Cetaceans, 1975, France".
- N:4 J Maigret,
J Trotignon
et R Duguay "Observations de cétacés sur les côtes de Mauritanie (1971-1975)".
- N:5 R Duguay
et H Aloncle "Nouvelles données sur la répartition de Stenella coeruleoalba (Cetacea, Delphinidae) dans le NE Atlantique".
- N:6 R Gambell "Observer's report on the ACMRR Working Party on Marine Mammals ad hoc Group I (Large Whales) meeting in La Jolla, California, U.S.A., 26-28 March 1976".
- N:7 S V Tessaro
and K Ronald "The lesions of chronic methylmercury poisoning in the harp seal (Pagophilus groenlandicus)".
Ref. Fisheries Impr. Committee
- N:8 K Ronald
and S V Tessaro "Methylmercury poisoning in the harp seal (Pagophilus groenlandicus)".
Ref. Fisheries Impr. Committee
- N:9 S S Anderson
and M G Curry "Grey seals at the Monach Isles, Outer Hebrides 1975".
- N:10 J Harwood "Time budgets of breeding grey seals at the Monach Isles, Outer Hebrides".
- N:11 C F Summers "Grey seal pup production in Orkney 1960-75".
- N:12 J W Horwood "On the joint exploitation of krill and whales".
Ref. Plankton Cttee
- N:13 S G Brown "Numbers of whales effectively marked in the North Atlantic 1950-75".
- N:14 M L Paes da Franca
et F C da Costa "Quelques informations préliminaires sur la chasse au 'cachalot', Physeter catodon L., dans l'archipel de Madeira et l'archipel des Açores".
- N:15 T Benjaminsen
and P F Lett "A stochastic model of the northwest Atlantic harp seal population".
- N:16 G Otterlind "The harbour porpoise (Phocoena phocoena) endangered in Swedish waters".
Ref. Fisheries Impr. Committee
- N:17 T Øritsland "The management of harp and hooded seals in the west ice.
- N:18 A. Jonsgård "Norwegian and international regulations in the Norwegian whaling for minke whales, Balaenoptera acutorostrata and small whales".

Marine Mammals Cttee (ctd)

N:19	D Petzel	"Collection and cryopreservation of whale blood".
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Reference paper to the Marine Mammals Committee

E:16 Fisheries Improvement Committee	H E Drescher, U Harms and E Huschenbeth	"Organochlorines and heavy metals in the harbour seal (<u>Phoca vitulina</u>) from the German North Sea coast".
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P - BALTIC FISH COMMITTEE

- P:1 Administrative Report.
- P:2 "Report of the Working Group on the Assessment of Demersal Stocks in the Baltic, Tallinn, 9-11 March 1976" (as revised).
- P:3 "Report of the Working Group on the Assessment of Pelagic Stocks in the Baltic, Tallinn, 9-11 March 1976".
- P:4 F Thurow and H J Böhl "On survival rates of Baltic cod after capture".
Ref. Statistics Cttee
- P:5 F Thurow "On discards of Baltic cod".
Ref. Statistics Cttee
- P:6 M Vitinsh and T Baranova "Lymphocystosis disease of Baltic flounder (Platichthys flesus L.)".
Ref. Fisheries Impr. Committee
- P:7 D Uzars "Feeding of young cod in the eastern Baltic.
- P:8 G B Grauman "On the distribution and passive migrations of Baltic sprat eggs and larvae in Bornholm-Slupsk spawning ground".
- P:9 A I Treschev, S F Efanov and S E Shevtsov "Additional data on the mortality of the Baltic herring (Clupea harengus membras L.) and sprat (Sprattus sprattus balticus) in the trawl".
- P:10 "Report of the Working Group on Surveys of Fish Eggs and Larvae in the Baltic, Lysekil, 3-6 May 1976".
- P:11 V Sjöblom and R Parmanne "Assessment of the state of exploitation of Baltic herring in Finnish fisheries in 1970-75".
- P:12 V Sjöblom and R Parmanne "Abundance of Baltic herring larvae in the seas around Finland in 1975".
- P:13 V Sjöblom and R Parmanne "Abundance of sprat larvae in the northern Baltic in 1975".
- P:14 V Sjöblom and E Kuittinen "Phocascaris sp. (Nematoda) larva in Baltic herring, a new parasite for the Baltic Sea".
- P:15 E Biester, N Jönsson and G Krüger "The results of marking experiments in 1975 on the Rügen spring herring".
- P:16 G Krüger, E Biester and N Jönsson "Preliminary results of the herring marking action in the Greifswalder Bodden in 1976".
- P:17 J Elwertowski "The recruitment of southern Baltic sprat stock in relation to the environmental conditions".
- P:18 J Netzel "Polish investigations on juvenile cod abundance in the Gdańsk Bay in 1962-76".

Baltic Fish Cttee (ctd)

P:19	K Strzyzewska	"Changes in occurrence of juvenile spring and autumn herring in the southern Baltic catches from 1961 to 1975".
P:20	M Kosior	"The Southern Baltic growth parameters and length/weight relationships".
P:21	O Bagge and A Müller	"The spawning of cod in the Bornholm Basin and the biomass of the spawning stock".
P:22	E Steffensen	"Length/weight relationship of cod in the western Baltic".
P:23	W Zalachowski, J Szypula, S Krzykowski and I Krzykawska	"Composition and amount of food consumed by sprat, herring and cod in the southern Baltic in the years 1971-74".

Reference papers to the Baltic Fish Committee

Gen:3		"Report of the <u>ad hoc</u> Meeting on the Provision of Advice on the Biological Basis for Fisheries Management, Charlottenlund, 5-9 January 1976".
B:12 Gear and Behaviour Committee	A I Treschev and S E Shevtsov	"Selectivity of bottom trawl cod ends in the Baltic cod fishery".
B:33 Gear and Behaviour Committee	H J Bohl and J E Valencia	"German mesh selection experiments on Baltic cod in 1974".
B:34 Gear and Behaviour Committee	H J Bohl	"Mesh selection of Baltic cod. German experiments in 1975".
E:19 Fisheries Improvement Committee	B Luckas, O Rechlin and H Wetzal	"On the contamination of feeding herring in the Bornholm Basin with DDT and PCB in 1975".
H:14 Pelagic Fish (N) Committee	J H Nichols and R J Wood	"Sorting and identification techniques for clupeoid larvae".
D:3 Statistics Cttee	J P Bridger	"The collection and compilation of catch and effort statistics and the extent of fish sampling programmes in ICES member countries in recent years".