

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 Documents	2
Li Liaison Committee	3
Fi Finance Committee	3
Ed Editorial Committee	3
A Consultative Committee	3
B Gear and Behaviour Committee	4
C Hydrography Committee	6
D Statistics Committee	9
E Fisheries Improvement Committee	10
F Demersal Fish (Northern) Committee	13
G Demersal Fish (Southern) Committee	16
H Pelagic Fish (Northern) Committee	17
J Pelagic Fish (Southern) Committee	20
K Shellfish and Benthos Committee	21
L Plankton Committee	24
M Anadromous and Catadromous Fish Committee	26
N Marine Mammals Committee	27

Gen: General Assembly Reports and Papers
of General Interest

- Gen:1 "Observers' Reports presented to the General Assembly".
- Gen:2 "Progress Report on some important activities of the Council or where the Council is engaged".
- Gen:3 "Communiqué agreed by the NEAFC Special Meeting at the level of Ministers" and "Note by the Liaison Committee on the Communiqué from the NEAFC Special Meeting at the level of Ministers".
- Gen:4 "Extracts of Proceedings of the ICNAF Research and Statistics Committee, 1972".
- Gen:5 "Report by the FAO Department of Fisheries to the 60th Statutory Meeting of ICES".
- Gen:6 "Election of Committee Chairmen at the 60th Statutory Meeting".
- Gen:7 "Notes on Recommendations and Reports".

Del - DELEGATES MEETINGS

- Del:1* "Audited Accounts for 1970/71 and Balance Sheet per 31/10-1971".
- Del:2* "Preliminary Report on the Administration for the Year 1/11-1971 to 31/10-1972".
- Del:3* "Administrative Reports of Area- and Subject Committees".
- Del:4* "Estimated Accounts for the Financial Year 1971/72".
- Del:5* "Budget for the Financial Year 1972/73".
- Del:6* "Forecast Budget for the Financial Year 1973/74".
- Del:7* "Elections to be undertaken by the Council at the 60th Statutory Meeting".
- Del:8* "Amendments to the Rules of Procedure".

* for Delegates only.

L - LIAISON COMMITTEE

Fi - FINANCE COMMITTEE

Fi:1

Agenda.

Ed - EDITORIAL COMMITTEE

Ed:1

General Secretary

"Review of the Publications".

Ed:2

"Sale of ICES Publications
for the last three Years".

Ed:3

Hans Tambs-Lyche

"Composition and name of
Editorial Committee".

Contributions from other Committees with Reference to
the Editorial Committee

L:5
Plankton
Committee

J H Fraser

"Plankton Identification Sheets.
Editor's Report 1971-72".

A - CONSULTATIVE COMMITTEE

A:1

Agenda.

B - GEAR AND BEHAVIOUR COMMITTEE

- B:1 "Administrative Report".
- B:2 "ICES Working Group on Data Collection and Processing in Fish Capture Research".
- B:3 "Interim Report of the Working Group on Standardisation of Scientific Methods for Comparing the Catches Performance of Different Fishing Gear".
- B:4 "Report of the Working Group on Research on Sound and Vibrations in Relation to Fish Capture".
- B:4 Supplement "Preliminary proposal of a standardised procedure of noise measurement in fishing vessels".
- B:5 "Report of the Working Group on Research and Engineering Aspects of Fishing Gear, Vessels and Equipment".
- B:6 S J de Groot "Some further experiments on the influence of the beam trawl on the bottom fauna".
- B:7 J P Bridger "Some observations on the penetration into the sea bed of tickler chains on a beam trawl".
- B:8 O Wrzesiński "A study on schooling pattern of the Barents Sea capelin and North Sea haddock".
- B:9 D W Strzyzewski "Observations on fish behaviour in the trawl".
- B:10 A I Treschev and S E Shevtsov "Selectivity of the bottom trawl cod-ends used for the Baltic herring fishery in the area of the Gulf of Riga".
- B:11 H Bohl and H v Seydlitz "Note on the selection of Baltic cod by bottom trawl codends".
Ref. Demersal Fish (N) Cttee
- B:12 A R Margetts "Report on the 7th meeting of the Subcommittee 9, Textile products for fishing nets, of International Standards Organisation, Technical Committee 38 - Textiles".
- B:13 P Hovart, R Fonteyne and G Vanden Broucke "Further investigations on the effect of wind on catches".
- B:14 P Hovart and G Vanden Broucke "Water temperature and catches".
- B:15 R de Clerck and P Hovart "On the effects of tickler chains".
- B:16 L Middtun and O Nakken "Application of acoustic stock abundance estimation on capelin and whiting.

Gear and Behaviour Cttee (ctd)

B:17	C S Wardle and P D Anthony	"A new technique for measurement of fish burst speed and for the assessment of the shyness of fish to intruding nets and ropes".
B:18	D A Wileman and D N MacLennan	"Spinning rotor devices and aimed trawling".

Contributions from other Committees with Reference
to the Gear and Behaviour Committee

D:5 Statistics Committee	S A Studenetsky	"Standardisation of the measurement of fishing effort as an important factor in the regulation of the fishery".
D:13* Statistics Committee	J Møller Christensen	"Classification of fishing gear for statistical purposes".
K:20 Shellfish and Benthos Cttee	C J Chapman, R Priestly and H Robertsson	"Observations on the diurnal activity of the Norway lobster, <u>Nephrops norvegicus</u> (L.)".

* for the relevant
two Committees only.

C - HYDROGRAPHY COMMITTEE

- C:1 B E Alemasov "On the role of baric systems in the formation of the hydrological structure of the North Sea".
- C:2 K Ziudzinski, A Majewski and K Voigt "Preliminary report on a thorough renewal of the Baltic deep water starting in spring 1972".
- C:3 V V Rossov "On water exchange between the North Atlantic and the Polar Basin and the water balance of the North Atlantic current".
- C:4 G Wegner "Geostrophic surface currents of the North Atlantic Ocean, calculated from the IGY data".
- C:5 M Stein "Observation of the Denmark Strait overflow in August 1971".
- C:6 S A Malmberg "Intermediate Polar water in the Denmark Strait. "Overflow", August 1971".
- C:7 J Meincke "Recent observations of the overflow across the Greenland-Scotland Ridge".
- C:8 A T Andersen and F Rey "A modification of the phenol-hypochlorite method for the analysis of ammonia in seawater".
- C:9 R R Dickson and C G Baxter "Monitoring deep water movements in the Norwegian Sea by satellite".
- C:10 R R Dickson "The beginnings of a new Baltic inflow?".
- C:11 Jens Smed "Report on the 6th Session of the IOC Working Group on International Oceanographic Data Exchange".
- C:12 Jens Smed "Report on the Preparatory Meeting to the 1st Session of the Joint IOC/WMO Group of Experts on IGOSSTechnical Systems Design and Development and Service Requirements".
- C:13 ICES Hydrographer "Activities of ICES Service Hydrographique 1971/72".
- C:14 ICES Hydrographer "Provisional programme of work for ICES Service Hydrographique 1972/73".
- C:15 ICES Hydrographer "Marine environmental data products for the ICES area" and Addendum.
- C:16 ICES Hydrographer "Compilation of evaluation, by representatives of ICES Committees, of the potential usefulness of certain IGOSSTechnical Systems Design and Development and Service Requirements".
- C:17 ICES Hydrographer "List of semi-permanent moored oceanographic stations in the ICES area: July 1972 issue. With an updated list of national buoy offices". And Addendum.
- C:18 ICES Service Hydrographique "National ship codes of the ICES Punch Card System, as per August 1972".
- C:19 ICES Hydrographer "Means and standard deviations of temperature and salinity at fixed stations. Compilation of replies to request for information".

Hydrography Committee (ctd.)

- C:20 Jens Smed "Report on 1st Session of the Joint IOC/WMO Planning Group for IGOSS".
- C:21 F Koroleff "Report of the ICES/SCOR nutrient intercalibration experiment".
- C:22 K P Koltermann "A note on the German contribution to the ICES Pilot North Sea Current Meter Network".
- C:23 S B Tijssen "Substandard seawater in tubes and a semi-closed system for transferring seawater from tubes to the cell of an inductively coupled salinometer".
- C:24 C K Ross and G T Needler "Spectral analysis of a gapped time series as obtained from Ocean Weather Station 'P'".
- C:25 D P D Scott "Preparatory Conference of Governmental Experts to formulate a Draft Convention on the Legal Status of ODAS".
- C:26 A R Folkard and S R Jones "Surface temperature and salinity at English sampling stations during 1971 in relation to the 10-year means 1961-1970".
- C:27 D J Ellett and D G Roberts "The overflow of Norwegian Sea deep water across the Wyville-Thomson Ridge".
- C:28 G Prangmsma "Results of drift bottle observations in the North Sea, 1966 and 1967".
- C:29 L Otto "Hydrographic observations between Station Kilo and La Coruna, February-July 1971".
- C:30 M P Visser "An experiment on synoptic oceanography near the Netherlands coast".
- C:31 J W Ramster "A second preliminary report of the Working Group on Permanent Moored Current Meter Stations in the North Sea".
- C:32 J W Ramster "Report of the Moored Current Meter Data Exchange Study Group".
- C:33 F Culkin and F Hermann "A check of the analysis of standard seawater".
- C:34 N J Campbell "IGOSS Activity Report to ICES".
- C:35 WMO "Request for additional meteorological observations from research vessels".
- C:36 Jens Smed "Report on the Second Meeting of the SCOR/ACMRR Working Group on Biological Data Inventories".

Hydrography Committee (ctd.)

Contributions from other Committees with Reference to
the Hydrography Committee

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| E:2
Fisheries Improve-
ment Committee | | "Report of the <u>ad hoc</u> ICES/SCOR Meet-
ing to Consider the Possibilities for
an International Investigation of the
Pollution of the Baltic (Dipoli, Sep-
tember 1971)". |
| E:9
Fisheries Improvement
Committee | "Math. Model sea" | "Mathematical model of continental
seas - Preliminary results concern-
ing the Southern Bight". |
| E:25
Fisheries Improvement
Committee | R Dickson
and
A J Lee | "Study of effects of marine gravel
extraction on the topography of
the sea bed". |
| G:2
Demersal Fish (S)
Committee | S T Ptitsyn
and
A K Sigaev | "Results of ichthyological and hydro-
logical investigations on the shelf
off equatorial Guinea (Rio Muny)". |
| H:22
Pelagic Fish (N)
Committee | | "Report on Joint Soviet-Icelandic
Investigations on the distribution
and availability of pelagic fish
and oceanographic conditions in
the Norwegian, Iceland and Greenland
Seas in May-June 1972". |
| H:25
Pelagic Fish (N)
Committee | | "Report on the International O-Group
Survey in Faroese, Icelandic and
Greenland Waters in July-August
1972". |
| H:34
Pelagic Fish (N)
Committee | | "Preliminary report on the Inter-
national O-Group Fish Survey in the
Barents Sea and Adjacent Waters in
August-September 1972". |
| L:2
Plankton
Committee | L A Vinogradova,
L N Gruzov,
N F Palyi,
E Z Samyshev,
K A Sedyh and
V I Suhorok | "The results of oceanological and
biological studies of the mechanism
of formation of the productive zone
and food reserve for the plankto-
phagos fish in the equatorial part
of the eastern Atlantic". |

D - STATISTICS COMMITTEE

D:1		"Administrative Report".
D:2	FAO	"Report of the Seventh Session of the Coordinating Working Party on Atlantic Fishery Statistics".
D:3	E Biester	"The catches from GDR in the Baltic from 1961-1970".
D:4	J Møller Christensen	"Progress Report".
D:5 Ref. Gear and Behaviour Cttee	S A Studenetsky	"Standardisation of the measurement of fishing effort as an important factor in the regulation of the fishery".
D:6	FAO	"Progress Report on the STATLANT Programme 1971-72".
D:7 Ref. Demersal(N) and (S), Pelagic (N) and (S) Committees		"Report of the Working Group on Eventual Establishment of an ICES ADP System for Fishery Statistics".
D:8 Ref. Demersal(N) and (S), Pelagic (N) and (S) Committees		"Advance Release of Tables 1-5 of 'Bulletin Statistique'. Volume 56, 1971".
D:9 Ref. Demersal (N) and Pelagic (N) Committees	J Møller Christensen	"Deficiencies of statistical coverage and biological sampling".
D:10 Ref. Pelagic Fish (N) Cttee	J Møller Christensen	"Proposal for standardisation of herring data".
D:11	A E Urquhart	"Fish landing records at ports in England and Wales: a description of the new forms introduced in January 1972".
D:12 Ref. Demersal Fish (N) Committee	J Møller Christensen	"Standardisation of area sub-division of the North Sea for biological sampling of demersal species".
D:13* Ref. Gear and Behaviour Cttee	J Møller Christensen	"Classification of fishing gear for statistical purposes".
D:14		"Report of the Annual Meeting, June 1972, of ICNAF Statistics and Sampling Subcommittee".
D:15*	FAO	"Notes for the completion of forms STATLANT 27 A and 27 B - North-east Atlantic Area: Catch/Effort".

* for the relevant Committee(s) only.

E - FISHERIES IMPROVEMENT COMMITTEE

E:1		"Administrative Report".
E:2	Ref. Hydrography Committee	"Report of the <u>ad hoc</u> ICES/SCOR Meeting to Consider the Possibilities for an International Investigation of the Pollution of the Baltic (Dipoli, 24 and 25 September, 1971)".
E:3	Ref. Demersal Fish (N) Committee	J Flüchter "Rearing of common sole (<u>Solea solea</u> L.) in small containers and in high density under laboratory conditions".
E:4		H Mann "The effect of non-ionogen tensides in seawater".
E:5	Ref. Shellfish and Benthos Cttee	H Kuhl "Further studies on the development of a biocoenosis in brackish water ponds".
E:6		K Tiews "Report on the First Meeting of the ACMRR/IABO Working Party on Aquaculture".
E:7		V Dethlefsen "On the effects of red mud on marine organisms".
E:8		E Halsband "The physiological effect of copper sulphate, mercury bromide and zinc chloride on marine fish and algae cultures".
E:9	Ref. Hydrography Committee	Math. Modelsea "Mathematical model of continental seas - Preliminary results concerning the Southern Bight".
E:10		"Report of the ICES/SCOR Working Group on the Study of Pollution of the Baltic, 1st Session, Lund, 2-4 May 1972".
E:11		J Flüchter "Inducing of spawning in the turbot (<u>Rhombus maximus</u> L.) by injection of hypophysal suspensions".
E:12		A Zsolnay "The relative distribution of saturated and olefinic hydrocarbons in the Baltic in September 1971".
E:13	Ref. Shellfish and Benthos Cttee	P A Ayres and P C Wood "Investigations into a unique case of poisoning following the consumption of the gastropod <u>Neptunea antiqua</u> (Linnaeus)".
E:14		P M Connor "Further investigations into the toxicity of oil and dispersants".
E:15		K W Wilson "Assessing the toxicity of industrial effluents".
E:16		H A Cole "Report on the 13th Meeting of the Marine Pollution Sub-Committee of IMCO".
E:17	Ref. Plankton Committee	W Marikowski "Zooplankton as an indicator of marine pollution".

Fisheries Improvement Committee (ctd)

- E:18 "Meeting of the Working Group for the Study of Pollution of the North Sea, Charlottenlund, 28-29 June 1972".
- E:18
Supplement 1 "ICES: International Study of Pollution of the North Sea. - Replies to Questionnaire on Inputs: Summary Report".
- E:18
Supplement 2 "ICES: International Study of Pollution of the North Sea. - Fish and Shellfish Base-Line Study, 1972. Summary report on analytical programme".
- E:19 S Tilseth and R Lange "Estimations of amino-acids in marine invertebrate tissues by means of a gas chromatographic method".
- E:20 K V K Nair and A T Andersen "The distribution of copper, zinc, cadmium, and lead in Mytilus edulis from Oslofjord".
- E:21 G Topping "Heavy metals in shellfish from Scottish waters".
- E:22 G Topping "Heavy metals in fish from Scottish waters".
- E:23 D Seward "Some physiological and behavioural aspects of the effects of phenol upon plaice".
- E:24 D Seward, E A Stirling and G Topping "Experimental studies on the effects of copper on a marine food chain".
- E:25 Ref. Hydrography Committee R Dickson and A J Lee "Study of effects of marine gravel extraction on the topography of the sea bed".
- E:26 Ref. Shellfish and Benthos and Demersal Fish (N) Cttees R G J Shelton and M S Rolfe "The biological implications of aggregate extraction: recent studies in the English Channel".
- E:27 Ref. Demersal Fish (N) Cttee R Alderson and B R Howell "The effect of algae on the water conditions in fish rearing tanks in relation to the growth of juvenile sole Solea solea (L.)".
- E:28 Withdrawn.
- E:29 Ref. Shellfish and Benthos Committee A D McIntyre and D J Murison "The benthos of a polluted beach".
- E:30 Ref. Shellfish and Benthos Committee G Topping and A D McIntyre "Benthic observations on a sewage sludge dumping ground".
- E:31 H A Cole and A Franklin "Progress report on the introduction of non-indigenous marine organisms to the U.K.".
- E:32 A Jones "Rearing larvae of the turbot (Scophthalmus maximus L.) to metamorphosis".
- E:33 Ref. Plankton Committee D C Gordon Jr and N J Prouse "The effects of some crude and refined oils on marine phytoplankton photosynthesis".
- E:34 J Audouin et M Leglise "Premiers résultats d'expériences relatives aux possibilités d'acclimatation du homard américain Homarus americanus en France".
- E:35 H A Cole "Report on a Meeting of the IMCO Working Group, London, 4-8 September 1972".

Fisheries Improvement Committee (ctd)

Contributions from other Committees with Reference to
the Fisheries Improvement Committee

F:27 Demersal Fish (N) Committee	B R Howell and O Ledoux	"The effect of population density on the growth of juvenile sole, <u>Solea solea</u> (L.)".
K:12 Shellfish and Benthos Cttee	J E Portmann and J D Yardley	"The distribution of some metals in shellfish taken from the coasts of England and Wales".
K:13 Shellfish and Benthos Cttee	R A A Blackman	"Effects of sunken crude oil on the feeding and survival of the brown shrimp - <u>Crangon crangon</u> ".
K:16 Shellfish and Benthos Cttee	A Franklin	"The use of a saturated salt solution to remove slipper limpets (<u>Crepidula fornicata</u>) from oysters".
L:13 Plankton Committee	E Sakshaug, A Haug, A Jensen and S Myklestad	"Phytoplankton ecology of the Trondheims- fjord".
M:7 Anacat. Committee	H Koops	"Experiments on the cage farming of trouts in the western Baltic".
N:9 Marine Mammals Committee	H C Freeman and D A Horne	"Mercury in Canadian seals".

F - DEMERSAL FISH (NORTHERN) COMMITTEE

- F:1 "Administrative Report".
- F:2 "Report of the North Sea Flatfish Working Group, Charlottenlund, 4-7 January 1972".
- F:3 "Report of the 10th Meeting of the North-East Arctic Fisheries Working Group, Charlottenlund, 8-11 February 1972".
- F:4 "Report of the ICES/ICNAF Working Group on Cod Stocks in the North Atlantic, 8-14 March 1972".
- F:5 O Bagge "Report from the meeting of the Working Group on Assessment of Demersal Stocks in the Baltic, Gdynia, 21-26 February 1972".
- F:6 J F de Veen "Tagging experiments with juvenile soles in the Dutch nursery areas in 1968, 1969 and 1970".
- F:7 N Daan "Dutch data on cod egg surveys in the southern North Sea in 1972".
- F:8 N Daan "Dutch investigations on the distribution of pelagic 0-group gadoids in the northern North Sea in 1972".
- F:9 R O A Osae and J F de Veen "Changes in growth parameters of two plaice subpopulations in the North Sea".
- F:10 F Lamp and K Tiews "On the initial survival rates in Baltic cod tagging experiments".
- F:11 Withdrawn.
- F:12 Else Nielsen "The density-dependent growth by sole (Solea solea)".
- F:13 R Jones "The subdivision of demersal stocks within the North Sea".
- F:14 M Vitinsh "Migrations of flounder in the eastern Baltic".
- F:15 Z P Baranova "The feeding of haddock fingerlings in the southern Barents Sea".
- F:16 T K Sysoeva "Feeding and survival of the Barents Sea haddock larvae and fry".
- F:17 M A Sonina "Male and female ratio in Arcto-Norwegian haddock, Melanogrammus aeglefinus (Linné)".
- F:18 D Uzars "Feeding of adult cod and spawning time in the eastern Baltic".
- F:19 "Preliminary compilation of the data on cod, haddock and whiting caught during the International Young Herring Survey 1972".
- F:20 R G J Shelton and K W Wilson "Recent observations on the occurrence of lymphocystis and other disease conditions in the flatfish stocks of the northeast Irish Sea".

Demersal Fish (N) Committee (ctd)

F:21	M J Holden and S Flatman	"An assessment of North Sea cod stocks using virtual population analysis".
F:22	M J Holden	"A further assessment of the state of the sole stocks in the Irish Sea and the Bristol Channel".
F:23	T Williams and M Macdonald	"English investigations on the distribution of pelagic O-group gadoids in the central North Sea in 1972".
F:24	K Kosswig	"Investigations on age determination of redfish (<u>Sebastes marinus</u> (L.) and <u>Sebastes mentella</u> (Travin)) by means of polarized light".
F:25	J R G Hislop	"Scottish investigations on pelagic O-group gadoids in the North Sea in 1971".
F:26	W Arntz	"On the significance of the Parasitic Copepod <u>Lernaeocera branchialis</u> (L.) for the question about the origin of Kiel Bay whiting (<u>Merlangius merlangus</u> (L.))".
F:27	B R Howell and O Ledoux	"The effect of population density on the growth of juvenile sole, <u>Solea solea</u> (L.)".
Ref. Fisheries Improvement Cttee		
F:28		Withdrawn.
F:29		Withdrawn.
F:30		Withdrawn.
F:31		Withdrawn.
F:32	A Jamieson and D Thompson	"Butyric esterase differences in Atlantic cod, <u>Gadus morhua</u> ".
F:33	P Veillon	"La pêche du merlan en Mer d'Irlande par les chalutiers de Lorient et Etel en 1971; résultats préliminaires".
F:34		Withdrawn.
F:35		"Progress Report of the North Sea Roundfish Working Group".
F:36	K MacKenzie	"The plerocercoid of the cestode <u>Gilquinia squali</u> Fabricius, 1794, as a biological tag for whiting in the northern North Sea".
F:37	T Jakobsen and O M Smedstad	"Abundance estimation with echo integrator of Arctic cod on the spawning grounds in Lofoten 1972".
F:38	A Hysten and O M Smedstad	"Norwegian investigation on young cod, haddock and redfish in the Barents Sea and adjacent waters 1970-1972".
F:39	J Lahn- Johannessen	"Recent development of the fisheries for Greenland halibut (<u>Reinhardtius hippoglossoides</u> , Walbaum) in northeast Atlantic waters".
F:40	D Danielssen, J Lahn- Johannessen and R Ljøen	"Report on the distribution of cod, haddock whiting and Norway pout from a cruise with R/V "G. O. Sars" in June-July 1972".

Demersal Fish (N) Committee (ctd)

F:41	J S Scott	"Local differences in growth of northern sand launce (<u>Ammodytes dubius</u>) in the northwest Atlantic".
F:42	P Adam, OECD	"Comments on the bio-economics of cod fishing in the North Atlantic".
F:43	J R G Hislop	"Scottish investigations on the distribution of pelagic 0-group gadoids in the northern North Sea in 1972".
F:44	P Solemdal	"The reproduction of cod (<u>Gadus morhua</u> L.) with special reference to the Arcto-Norwegian and Baltic populations".

Contributions from other Committees with Reference to

Demersal Fish (Northern) Committee

B:11 Gear and Behaviour Committee	H Bohl and H v.Seydlitz	"Note on the selection of Baltic cod by bottom trawl codends".
D:7 Statistics Committee		"Report of the Working Group on Eventual Establishment of an ICES ADP System for Fishery Statistics".
D:8 Statistics Committee		"Advance Release of Tables 1-5 of 'Bulletin Statistique', Volume 56, 1971".
D:9 Statistics Committee	J Møller Christensen	"Deficiencies of statistical coverage and biological sampling".
D:12 Statistics Committee	J Møller Christensen	"Standardisation of area sub-division of the North Sea for biological sampling of demersal species".
E:3 Fisheries Improve- ment Committee	J Flüchter	"Rearing of common sole (<u>Solea solea</u> L.) in small containers and in high density, under laboratory conditions".
E:26 Fisheries Improve- ment Committee	R G J Shelton and M S Rolfe	"The biological implications of aggregate extraction: recent studies in the English Channel".
E:27 Fisheries Improve- ment Committee	R Alderson and B R Howell	"The effect of algae on the water conditions in fish rearing tanks in relation to the growth of juvenile sole <u>Solea solea</u> (L.)".
H:22 Pelagic Fish (N) Committee		"Report on Joint Soviet-Icelandic investigations on the distribution and availability of pelagic fish and oceanographic conditions in the Norwegian, Iceland and Greenland Seas in May-June 1972".
H:25 Pelagic Fish (N) Committee		"Report on the International 0-Group Survey in Faroese, Icelandic and Greenland Waters in July-August 1972".
H:34 Pelagic Fish (N) Committee		"Preliminary report on the international 0-group fish survey in the Barents Sea and adjacent waters in August-September 1972".

G - DEMERSAL FISH (SOUTHERN) COMMITTEE

G:1		"Administrative Report".
G:2	S T Ptitsyn and A K Sigaev	"Results of ichthyological and hydrological investigations on the shelf off equatorial Guinea (Rio Muny)".
G:3	L N Domanevsky, S M Overko, R G Bernikov, and V A Tkachenko	"On peculiarities of the ichthyofauna and some biological characteristics of the main commercial fishes in the central-east Atlantic".
G:4	Loc Nguyen- Xuan and J Wojciechowski	"Some observations on the biology of the fish belonging to the genus <u>Dentex</u> in the area off north-west Africa".

Contributions from other Committees with Reference to
the Demersal Fish (Southern) Committee

D:7		"Report of the Working Group on Eventual Establishment of an ICES ADP System for Fishery Statistics".
D:8		"Advance Release of Tables 1-5 of 'Bulletin Statistique', Volume 56, 1971".
H:20	N G Ushakov	"The distribution and age-length structure of blue whiting concentrations by spawning and feeding areas in 1971".

H - PELAGIC FISH (NORTHERN) COMMITTEE

- H:1 "Administrative Report".
- H:2 "Interim Report of the North Sea Herring Assessment Working Group, Charlottenlund, 24-28 January 1972".
- H:3 A Corten "Dutch data on Celtic Sea herring in the period 1958-1971".
- H:4 K H Postuma "Report of the International North Sea Young Herring Survey 1972".
- H:5 K H Postuma and C J Kuiter "Report on the International Trawling Survey for immature herring in the North Sea 1972".
- H:6 R J Wood "Herring larvae to the west of Scotland in the autumn of 1971".
- H:7 "Report of Study Group on Manx Summer-Spawning Herring".
- H:8 Ø Ulltang "Yield curves of North Sea herring".
- H:9 P Agger and E Nielsen "Preliminary results using a simple multi-species model on sprats and herring in the North Sea".
- H:10 E Bakken, D Chakraborty, K C George and O J Østvedt "Estimation of fish abundance by acoustics during the North Sea Young Herring Survey 1972".
- H:11 O Dragesund and Ø Ulltang "The collapse of the Norwegian spring spawning herring stock".
- H:12 O Dragesund and T Monstad "Observations on capelin (Mallotus villosus) in Newfoundland waters".
- H:13 "Report of the North Sea Herring Assessment Working Group Meeting, Charlottenlund Slot, 13-22 June 1972".
- H:14 R J Wood "On the loss of herring larvae through nylon nets in a standard high-speed plankton sampler".
- H:15 V V Penin "Atmospheric and hydrological rhythms in fluctuations in the abundance of the Atlanto-Scandian herring".
- H:16 L N Lisivnenko and M N Lishev "Number and growth of larvae of autumn spawning herring along the eastern coast of the Gulf of Riga".
- H:17 E I Seliverstova "The abundance of the 1963 and 1964 year classes of the Barents Sea herring in relation to the total stock of the Atlanto-Scandian herring in the Norwegian Sea".
- H:18 A M Saplina "Investigations on herring larvae by Soviet scientists in the North Sea in 1971".
- H:19 G B Grauman "The results of investigations of the spawning schools and reproduction of Baltic sprat in 1968-1970".

Pelagic Fish (Northern) Committee (ctd)

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| H:20 | N G Ushakov | "The distribution and age-length structure of blue whiting concentrations by spawning and feeding areas in 1971". |
| H:21 | B Lubieniecki | "The occurrence of <u>Anisakis</u> sp. larvae (Nematoda) in herring from the southern Baltic". |
| H:22
Ref. Demersal Fish
(N), Hydrography
and Plankton
Committees | | "Report on Joint Soviet-Icelandic investigations on the distribution and availability of pelagic fish and oceanographic conditions in the Norwegian, Iceland and Greenland Seas in May-June 1972". |
| H:23 | Nguyen van
Khank, Idzi
Drzycinski
and J Chojnacki | "A contribution to the biology of sprat (<u>Sprattus sprattus Balticus</u> Schneider) from the Bornholm Basin". |
| H:24 | J Gjosæter | "Recruitment of the Barents Sea capelin 1951-1961". |
| H:25
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(N) and Hydrography
Committees | | "Report on the International O-Group Survey in Faroese, Icelandic and Greenland Waters in July-August 1972". |
| H:26 | | Withdrawn. |
| H:27 | A Lindquist | "Growth changes of sprat in the Skagerak-Kattegat". |
| H:28 | D Schnack | "Report on the International Surveys of Herring Larvae in the North Sea and Adjacent Waters in 1971/72". |
| H:29 | E Bakken
and Ø Ulltang | "Migrations and stock size of herring in the northern North Sea in 1966; analyses of Norwegian tagging experiments". |
| H:30 | J Hamre
and Ø Ulltang | "The effects of regulations of the mackerel fishery in the North Sea". |
| H:31 | A Saville,
J Morrison
and R Minton | "A preliminary assessment of the state of the herring stock to the west of Scotland". |
| H:32 | J A Pope
and W B Hall | "Further results on discrimination on the basis of multiple morphometric measurements". |
| H:33 | R S Bailey | "Scottish investigations on blue whiting at Rockall". |
| H:34
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(N) and Hydrography
Committees | | "Preliminary report on the International O-Group Fish Survey in the Barents Sea and Adjacent Waters in August-September 1972". |
| H:35 | Ph Odense,
F C Leung
and C Annand | "Comparative biochemical genetics of Atlantic herring populations". |

Pelagic Fish (Northern) Committee (ctd)

Contributions from other Committees with Reference to
the Pelagic Fish (Northern) Committee

D:7 Statistics Committee		"Report of the Working Group on Eventual Establishment of an ICES ADP System for Fishery Statistics".
D:8 Statistics Committee		"Advance Release of Tables 1-5 of 'Bulletin Statistique', Volume 56, 1971".
D:9 Statistics Committee	J Møller Christensen	"Deficiencies of statistical coverage and biological sampling".
D:10 Statistics Committee	J Møller Christensen	"Proposal for standardisation of herring data".
J:7 Pelagic Fish (S) Committee	G C Bolster	"The mackerel of the Western English Channel".
J:8 Pelagic Fish (S) Committee	P D Wallace and C A Pleasance	"The distribution of eggs and larvae of some pelagic fish species in the English Channel and adjacent waters in 1967 and 1968".

J - PELAGIC FISH (SOUTHERN) COMMITTEE

- J:1 "Administrative Report".
- J:2 H Aloncle,
J Hamre,
J Rodriguez-
Roda and
K Tiews "Report from the Bluefin Tuna Working Group.
Observations on the size composition of
bluefin tuna catches from 1971".
- J:3 A Vincent,
D Guérault
et J L Avrila "Hydrologie et pêche de la sardine dans le
Golfe de Gascogne en 1971".
- J:4 D Guérault
et J L Avrila "La pêche de l'anchois (Engraulis encrasicolus
Linné) dans le Golfe de Gascogne en 1971".
- J:5 S Arbault
et N Lacroix "Reproduction de la sardine, de l'anchois et
du sprat dans le Golfe de Gascogne en 1971.
Comparaison des zones-test en 1970 et 1971".
Ref. Plankton
Committee
- J:6 C T Macer "A method for determining the fecundity of
the horse mackerel (Trachurus trachurus (L.))".
- J:7 G C Bolster "The mackerel of the Western English Channel".
Ref. Pelagic Fish
(N) Committee
- J:8 P D Wallace and
C A Pleasance "The distribution of eggs and larvae of some
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and adjacent waters in 1967 and 1968".
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(N) Committee

Contributions from other Committees with Reference to
the Pelagic Fish (Southern) Committee

- D:7 "Report of the Working Group on Eventual
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Statistics
Committee
- D:8 "Advance Release of Tables 1-5 of 'Bulletin
Statistique', Volume 56, 1971".
Statistics
Committee
- G:3 L N Domanevski,
S M Overko,
R G Bernikov,
and V A Tkachenko "On peculiarities of the ichthyofauna and
some biological characteristics of the main
commercial fishes in the central-east
Atlantic".
Demersal Fish (S)
Committee

K - SHELLFISH AND BENTHOS COMMITTEE

- K:1 "Administrative Report".
- K:2 F A Gibson and Carolyn Francis "Pathological conditions in lobsters (H. gammarus)".
- K:3 F A Gibson (Ed.) "Bibliography of papers published by adherents to the Shellfish and Benthos Committee 1971".
- K:4 R Boddeke "Fluctuations of the Brown shrimp along the Dutch coast during the period 1959-1972".
- K:5 O Cendrero "Data on the culture of Portuguese oysters, Crassostrea angulata Lmk., in the Bay of Santander".
- K:6 "Report of the First Meeting of the ICES Working Group on Pandalus borealis".
- K:7 R Meixner "Survival and growth of 0-group Crassostrea gigas held in enclosures at the North Sea and Baltic coast of Slesvig-Holsten".
- K:8 M Crowley "The parasitology of Irish mussels (Mytilus edulis)".
- K:9 E Aker, R Meixner and K Tiews "On the size and sex composition of Pandalus borealis catches from Farn Deeps and Fladen Ground area between 1965 and 1972".
- K:10 R N Burukovsky "On feeding of tiger prawn (Penaeus kerathurus Forskal), in the Guinea Gulf".
- K:11 P A Ayres "Notes on the bacteriology of some commercial bivalves entering English markets".
- K:12 J E Portmann and J D Yardley "The distribution of some metals in shellfish taken from the coasts of England and Wales".
Ref. Fisheries Improvement Committee
- K:13 R A A Blackman "Effects of sunken crude oil on the feeding and survival of brown shrimp - Crangon crangon".
Ref. Fisheries Improvement Committee
- K:14 D B Bennett "The effects of pot immersion time on crab and lobster catches".
- K:15 D Key and D J Alderman "A bibliography of diseases of commercial bivalves, supplementary to Sindermann (1968), with a review of recent European work".
- K:16 A Franklin "The use of saturated salt solution to remove slipper limpets (Crepidula fornicata) from oysters".
Ref. Fisheries Improvement Committee
- K:17 P J Dare "A preliminary investigation of damage caused to mussels (Mytilus edulis L.) by dredging and mechanised sorting".
- K:18 P J Warren "Oil storage and shrimp density in Pandalus montagui; are these factors which influence landings in a commercial fishery?".
- K:19 J Mason and K Drinkwater "The stocks of scallops (Pecten maximus (L.)) in the Clyde Sea area and west of Kintyre".

Shellfish and Benthos Committee (ctd)

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| K:20
Ref. Gear and
Behaviour Cttee | C J Chapman,
R Priestly
and H Robertson | "Observations on the diurnal activity
of the Norway lobster <u>Nephrops
norvegicus</u> (L.)". |
| K:21 | J Mason
and F G Howard | "The Scottish fishery for <u>Pandalus
borealis</u> Krøyer in the North Sea". |
| K:22 | M Comps | "Observations sur la résistance
d'huitres du genre <u>Crassostrea</u> au
cours de la mortalité massive de
1970-1971 dans le bassin de Marennes-
Oléron". |
| K:23 | R De Clerck
and F Redant | "On the use of the floating mean method
and shrimp investigations". |
| K:24 | E His | "Ostréographie sur paro". |
| K:25 | K F Wiborg | "The squid <u>Todarodes sagittatus</u> (Lamarck).
Norwegian investigations in the Norwegian
Sea and North Atlantic waters 1970-1972". |
| K:26 | T W Beard | "A preliminary report on the growth and
survival of <u>Macrobrachium rosenbergii</u>
de Man, <u>Penaeus aztecus</u> Ives, <u>P. indicus</u>
H Milne Edwards, and <u>P. monodon</u>
Fabricius, in laboratory recirculation
systems". |
| K:27 | J P Hillis | "Further growth-studies on <u>Nephrops
norvegicus</u> : growth in captivity". |
| K:28 | J P Hillis | "Further growth studies on <u>Nephrops
norvegicus</u> : studies of length-frequency
modes". |
| K:29 | H Hallbäck
and A Wärén | "Food ecology of lobster, <u>Homarus
vulgaris</u> , in Swedish waters. Some
preliminary results". |
| K:30 | F G Howard
and J Mason | "Notes on the by-catch in the Scottish
fishery for <u>Pandalus borealis</u> Krøyer
on the Fladen Grounds". |
| K:31 | H J Thomas
and C Davidson | "Further observations on the Scottish
squid fishery". |
| K:32 | J Parsons | "Growth rates and mortality of hatchery-
reared Pacific oysters (<u>Crassostrea
gigas</u>) in Strangford Lough, Northern
Ireland". |
| K:33 | A Hagberg | "Note on the distribution of some
polychaetes in the Baltic". |
| K:34 | J E Stewart
and B Arie | "Effect of reduction in salinity on
lobsters affected with <u>Gaffkya
homari</u> ". |
| K:35 | M Comps | "Sur un copépode parasite de l'huitre
portugaise (<u>Crassostrea angulata</u> Imk)
dans le bassin de Marennes-Oléron". |
| K:36 | D J Scarratt | "The effects on lobsters (<u>Homarus
americanus</u>) of raking Irish moss
(<u>Chondrus crispus</u>)". |
| K:37 | B Sjöstrand | "Catch per unit effort in the Swedish
shrimp (<u>Pandalus borealis</u> Kr.) fishery,
with regard to effect of varying trawl
sizes". |

Shellfish and Benthos Committee (ctd)

K:38	J Audouin et M Leglise	"Note sur la présence de <u>Gaffkya homari</u> dans le sang des homards pêchés sur les côtes françaises de la Manche et de l'Atlantique ou stockés dans des viviers en Bretagne".
K:39	F B Bang, J Audouin et M Leglise	"Note sur une infection du sang du crabe <u>Cancer pagurus</u> par un cilié".
K:40	G de Kergariou	"Le pouce-pied (<u>Pollicipes cornucopiae</u> Leach) sur les côtes de Belle-Ile (Morbihan)".
K:41	J Audouin et M Leglise	"Technique d'élevage des larves de homards".

Contributions from other Committees with Reference to
the Shellfish and Benthos Committee

E:5 Fisheries Improvement Committee	H Kuhl	"Further studies on the development of a biocoenosis in brackish water ponds".
E:13 Fisheries Improvement Committee	P A Ayres and P C Wood	"Investigations into a unique case of poisoning following the consumption of the gastropod <u>Neptunea antiqua</u> (Linnaeus)".
E:26 Fisheries Improvement Committee	R G J Shelton and M S Rolfe	"The biological implications of aggregate extraction: recent studies in the English Channel".
E:29 Fisheries Improvement Committee	A D McIntyre and D J Murison	"The benthos of a polluted beach".
E:30 Fisheries Improvement Committee	G Topping and A D McIntyre	"Benthic observations on a sewage sludge dumping ground".

L - PLANKTON COMMITTEE

- L:1 "Administrative Report".
- L:2 L A Vinogradova, "The results of oceanological and
Ref. Hydrography L N Gruzov, biological studies of the mechanisms of
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E Z Samyshev, food reserve for the planktophagos
K A Sedyh and fish in the equatorial part of the
V I Suhorok eastern Atlantic".
- L:3 Withdrawn.
- L:4 M.-L. Furnestin (Ed.) "Travaux de Planctonologie (1971)".
- L:5 J H Fraser "Plankton Identification Sheets.
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- L:6 H Lassen "Simple mathematical model for the primary
and P B Nielsen production as a function of the phosphate
concentration and incoming solar energy,
applied to the North Sea".
- L:7 C H Borghouts "A device to catch bottom-dwelling
and C L Deelder macro-plankton".
- L:8 H Renk "Primary production and chlorophyll
content in the Baltic Sea".
- L:9 J P Casanova "Distribution verticale des Siphonophores
sur une station proche du grand banc
Meteor".
- L:10 J P Casanova "Remarques biogéographiques sur les
crustacés décapodes (Pénéides et
Carides) du secteur atlantique nord-
africain".
- L:11 Z Ringer "Phytoplankton of the southern Baltic
Sea".
- L:12 A Lindquist "On eel larvae in the Skagerak".
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Committee
- L:13 E Sakshaug, "Phytoplankton ecology of the Trondheims-
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Improvement and S Myklestad
Committee
- L:14 B Zeitzschel "Chlorophyll measurements in the Baltic
and the Atlantic Ocean by a newly
developed in situ fluorometer".
- L:15 Withdrawn.
- L:16 J H Fraser "Annales Biologiques for 1971:
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Chapter".

Plankton Committee (ctd)

Contributions from other Committees with Reference
to the Plankton Committee

E:17
Fisheries
Improvement
Committee

W Marikowski

"Zooplankton as an indicator of
marine pollution".

E:33
Fisheries
Improvement
Committee

D C Gordon Jr.
and E J Prouse

"The effects of some crude and refined
oils on marine phytoplankton photo-
synthesis".

H:22
Pelagic Fish
(N) Cttee

"Report on Joint Soviet-Icelandic
Investigations on the distribution
and availability of pelagic fish and
oceanographic conditions in the
Norwegian, Iceland and Greenland
Seas in May-June 1972".

J:5
Pelagic Fish
(S) Cttee

S Arbault
and N Lacroix

"Reproduction de la sardine, de
l'anchois et du sprat dans le golfe
de Gascogne en 1971. Comparaison
des zones-test en 1970 et 1971".

C.M. 72

M - ANADROMOUS AND CATADROMOUS FISH COMMITTEE

- M:1 "Administrative Report".
- M:2 "Report of the ICES/ICNAF Joint Working Party on North Atlantic Salmon, Dublin, March 21-24, 1972".
- M:3 O Christensen "The Danish salmon fishery in the Norwegian Sea in 1971".
- M:4 F Thurow "Growth parameters of Baltic salmon".
- M:5 F Thurow "A tentative approach to off shore yield assessment in Baltic salmon".
- M:6 C Moriarty "Biological studies of Irish eels".
- M:7 H Koops "Experiments on the cage farming of trouts in the western Baltic".
- Ref. Fisheries Improvement Committee
- M:8 R Mitans "The precocious males in the populations of salmon parrs and smolts in the Latvian rivers".
- M:9 Roman Sych "A numerical model of the commercial exploitation of fish".
- M:10 W H Lear "Scale characteristics of Atlantic salmon from various areas in the North Atlantic".
- M:11 G E Turner and C P Ruggles "Recent changes in stock composition of Atlantic salmon (Salmo salar) in the Miramichi River, New Brunswick".
- M:12 R Vibert and M Laurent "Return rate of Atlantic salmon and grilse and distance of their feeding grounds".
- M:13 Withdrawn.
- M:14 J A Ritter "Preliminary observations on the influence of smolt size on tag return rate and age at first maturity of Atlantic salmon (Salmo salar)".
- M:15 C Frantsi, A Foda and J A Ritter "Semi-natural rearing of Atlantic salmon, Salmo salar, in a small lake".
- M:16 C E Wykes "Size and age composition of the 1968, 1969 and 1970 commercial salmon landings in New Brunswick, Canada".
- M:17 P F Elson and A M Williamson "International Atlantic salmon smolt tagging test in Canada, May 1969 - Third interim report".
- M:18 I R H Allan "Report on 7th Session of EIFAC and on the Pre-Session Symposium".

Contributions from other Committees with Reference to

The Anadromous and Catadromous Fish Committee

- L:12 A Lindquist "On eel larvae in the Skagerak".
- Plankton Committee

N - MARINE MAMMALS COMMITTEE

N:1		"Administrative Report".
N:2	R Gambell	"Sperm whale stock assessments".
N:3	S G Brown	"Whale marking in the North Atlantic in post-war years".
N:4	S G Brown	"Blue and humpback whales in Icelandic waters".
N:5	P B Heppleston and M C French	"Mercury and other metals in British seals".
N:6	S H Andersen	"On the state of the stock of common porpoise in Danish waters".
N:7	P B Heppleston	"Organochlorines in British grey seals".
N:8	S Söderberg	"Gears and methods used for seal-hunting in Sweden".
N:9	H C Freeman and D A Horne	"Mercury in Canadian seals".
	Ref. Fisheries Improvement Committee	
N:10	W N Bonner and R W Vaughan	"Sealing and common seals (<u>Phoca vitulina</u>) in the Wash, England".
N:11	J L van Haften	"The cause of fluctuations in the seal population in the Dutch coastal waters".