

Contributions to be presented at the Statutory Meeting.

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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.



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 Ref. Demersal Fish (N) Cttee H Bohl and H v Seydlitz "Note on the selection of Baltic cod by bottom trawl codends".
- 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 Midttun and O Nakken "Application of acoustic stock abundance estimation on capelin and whiting."

*Plan*

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 Bentnos Cttee	C J Chapman, R Priestly and H Robertsmn	"Observations on the diurnal activity of the Norway lobster, <u>Nephrops norvegicus</u> (L.)".

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\* 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".
- C:37 *I&ES Hydrographer* *Inter-Committee Study Group for Development of a suitable Format for the Storage of Chemical and Pollution Data.*
- C:38 *Ellett, D. J.* *Publication of Ocean Weather Station Data by I&ES Progress with the first volume in the Oceanographic Data List series.*

Hydrography Committee (ctd.)

Contributions from other Committees with Reference to  
the Hydrography Committee

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.Modelsea"	"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". <i>„D:3 was never received [in U.S.A.]“</i>
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* <i>↙</i>	FAO	"Notes for the completion of forms STATLANT 27 A and 27 B - North-east Atlantic Area: Catch/Effort".

*only available in 25 copies exclusively for the Committee therefore asterisked*

\* for the relevant Committee(s) only.

E - FISHERIES IMPROVEMENT COMMITTEE

E:1		A	"Administrative Report".
E:2 Ref. Hydrography Committee		P	"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	Fl	"Rearing of common sole ( <u>Solea solea</u> L.) in small containers and in high density under laboratory conditions".
E:4	H Mann	P	"The effect of non-ionogen tensides in seawater".
E:5 Ref. Shellfish and Benthos Cttee	H Kühl	Fl	"Further studies on the development of a biocoenosis in brackish water ponds".
E:6	K Tiews	Fl	"Report on the First Meeting of the ACMRR/IABO Working Party on Aquaculture".
E:7	V Dethlefsen	P	"On the effects of red mud on marine organisms".
E:8	E Halsband	P	"The physiological effect of copper sulphate, mercury bromide and zinc chloride on marine fish and algae cultures".
E:9 Ref. Hydrography Committee	Math. Modelsea	Fl	"Mathematical model of continental seas - Preliminary results concerning the Southern Bight".
E:10		P	"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	Fl	"Inducing of spawning in the turbot ( <u>Rhombus maximus</u> L.) by injection of hypophysal suspensions".
E:12	A Zsolnay	P	"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	Fl	"Investigations into a unique case of poisoning following the consumption of the gastropod <u>Neptunea antiqua</u> (Linnaeus)".
E:14	P M Connor	P	"Further investigations into the toxicity of oil and dispersants".
E:15	K W Wilson	P	"Assessing the toxicity of industrial effluents".
E:16	H A Cole	P	"Report on the 13th Meeting of the Marine Pollution Sub-Committee of IMCO".
E:17 Ref. Plankton Committee	W Marikowski	P	"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". P
- E:18  
Supplement 1 "ICES: International Study of Pollution of the North Sea. - Replies to Questionnaire on Inputs: Summary Report". P
- 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". P
- E:19 S Tilseth and R Lange P "Estimations of amino-acids in marine invertebrate tissues by means of a gas chromatographic method". P
- E:20 K V K Nair and A T Andersen P "The distribution of copper, zinc, cadmium, and lead in Mytilus edulis from Oslofjord". P
- E:21 G Topping P "Heavy metals in shellfish from Scottish waters". P
- E:22 G Topping P "Heavy metals in fish from Scottish waters". P
- E:23 D Seward P "Some physiological and behavioural aspects of the effects of phenol upon plaice". P
- E:24 D Seward, E A Stirling and G Topping P "Experimental studies on the effects of copper on a marine food chain". P
- E:25 Ref. Hydrography Committee R Dickson and A J Lee P "Study of effects of marine gravel extraction on the topography of the sea bed". P
- E:26 Ref. Shellfish and Benthos and Demersal Fish (N) Cttees R G J Shelton and M S Rolfe P "The biological implications of aggregate extraction: recent studies in the English Channel". P
- E:27 Ref. Demersal Fish (N) Cttee R Alderson and B R Howell P "The effect of algae on the water conditions in fish rearing tanks in relation to the growth of juvenile sole Solea solea (L.)". P
- E:28 Withdrawn.
- E:29 Ref. Shellfish and Benthos Committee A D McIntyre and D J Murison P "The benthos of a polluted beach". P
- E:30 Ref. Shellfish and Benthos Committee G Topping and A D McIntyre P "Benthic observations on a sewage sludge dumping ground". P
- E:31 H A Cole and A Franklin P "Progress report on the introduction of non-indigenous marine organisms to the U.K.". P
- E:32 A Jones P "Rearing larvae of the turbot (Scophthalmus maximus L.) to metamorphosis". P
- E:33 Ref. Plankton Committee D C Gordon Jr and N J Prouse P "The effects of some crude and refined oils on marine phytoplankton photosynthesis". P
- E:34 J Audouin et M Leglise P "Premiers résultats d'expériences relatives aux possibilités d'acclimatation du homard américain Homarus americanus en France". P
- E:35 H A Cole P "Report on a Meeting of the IMCO Working Group, London, 4-8 September 1972". P

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</u> <u>crangon</u> ".
K:16 Shellfish and Benthos Cttee	A Franklin	"The use of a saturated salt solution to remove slipper limpets ( <u>Crepidula</u> <u>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 Tiewis "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 0-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 0-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 juvenole 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 the 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

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| G:1 |  | "Administrative Report".   |
| G:2 | S T Ptitsyn<br>and A K Sigaev  | "Results of ichthyological and hydrological investigations on the shelf off equatorial Guinea (Rio Muny)".                             |
| G:3 | L N Domanevsky,<br>S M Overko,<br>R G Bernikov,<br>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-<br>Xuan and<br>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

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| 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".
- X) H:4 K H Postuma "Report of the International North Sea Young Herring Survey 1972".
- H:5 K H Postuma and C J Kuitert "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<br>Ref. Demersal Fish<br>(N), Hydrography<br>and Plankton<br>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<br>Khank, Idzi<br>Drzycinski<br>and J Chojnacki | "A contribution to the biology of sprat ( <u>Sprattus sprattus Balticus</u> Schneider) from the Bornholm Basin".   |
| H:24   | J Gjørseter  | "Recruitment of the Barents Sea capelin 1951-1961".  |
| H:25<br>Ref. Demersal Fish<br>(N) and Hydrography<br>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<br>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<br>and Ø Ulltang                                   | "The effects of regulations of the mackerel fishery in the North Sea".   |
| H:31   | A Saville,<br>J Morrison<br>and R Minton                   | "A preliminary assessment of the state of the herring stock to the west of Scotland".  |
| H:32   | J A Pope<br>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".  |
| <u>X</u> H:34<br>Ref. Demersal Fish<br>(N) and Hydrography<br>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,<br>F C Leung<br>and C Annand                    | "Comparative biochemical genetics of Atlantic herring populations".  |

X "H:4 and H:34 were never received ---" [in 1989].

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".
- 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".
- J:8 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".

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

- D:7 "Report of the Working Group on Eventual  
Statistics Establishment of an ICES ADP System for  
Committee Fishery Statistics".
- D:8 "Advance Release of Tables 1-5 of 'Bulletin  
Statistics Statistique', Volume 56, 1971".  
Committee
- G:3 L N Domanevski,  
Demersal Fish (S) S M Overko,  
Committee 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".

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

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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 Kühl	"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 Ref. Hydrography 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 mechanisms of formation of the productive zone and food reserve for the planktophagos fish in the equatorial part of the eastern Atlantic".
- L:3 Withdrawn.
- L:4 M.-L. Furnestin (Ed.) "Travaux de Planctonologie (1971)".
- L:5 Ref. Editorial Committee J H Fraser "Plankton Identification Sheets. Editor's Report 1971-72".
- L:6 H Lassen and P B Nielsen "Simple mathematical model for the primary production as a function of the phosphate concentration and incoming solar energy, applied to the North Sea".
- L:7 C H Borghouts and C L Deelder "A device to catch bottom-dwelling 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 Ref. Anacat. Committee A Lindquist "On eel larvae in the Skagerak".
- L:13 Ref. Fisheries Improvement Committee E Sakshaug, A Haug, A Jensen and S Myklestad "Phytoplankton ecology of the Trondheimsfjord".
- L:14 B Zeitzschel "Chlorophyll measurements in the Baltic and the Atlantic Ocean by a newly developed in situ fluorometer".  
*"L:14 was never received" [in 1989].*
- L:15 Withdrawn.
- L:16 J H Fraser "Annales Biologiques for 1971: Introduction to the Plankton Chapter".

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Contributions from other Committees with Reference  
to the Plankton Committee

E:17  
Fisheries  
Improvement  
Committee

W Mańkowski

"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".

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

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| 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<br>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<br>and D A Horne     | "Mercury in Canadian seals".  |
| Ref. Fisheries<br>Improvement<br>Committee |                                  |   |
| N:10                                       | W N Bonner<br>and R W Vaughan    | "Sealing and common seals ( <u>Phoca vitulina</u> ) in the Wash, England".      |
| N:11                                       | J L van Haaften                  | "The cause of fluctuations in the seal population in the Dutch coastal waters". |