

Contributions to be presented at the Statutory Meeting.

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* for the relevant Committee only

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- C:4 Roland A. Cox + "Salinity and chlorinity results,
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- C:11 H. Gienapp
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- C:15 "Comments by WMO on the proposal for a
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- C:16 E. Goedecke,
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Hydrography Committee (ctd.)

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- C:20 P. G. W. Jones & A. R. Folkard "Report on the analysis of phosphate at the ICES intercalibration trials of chemical methods, held at Copenhagen 1966".
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- C:27 Th. Kvinge, R. Sætre & A. J. Lee "Norway-U.K. study of variability in the Norwegian Sea: 1967".
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- C:31 L. Otto "The use of optical properties of sea-water for distinguishing water masses along the Netherlands coast".
- C:32 S. H. Fonselius "A new short stagnation period in the Central Baltic".
- C:33 "Activities of the Service Hydrographique, 1966-1967".
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- C:37 J. H. Steele & H. Dooley "Current studies in the Norwegian Deeps - June-July 1966".
- C:38 R. Johnston "Notes on analytical methods and problems" (For the Sub-Committee on Chemical Methods for Sea-Water Analysis).
- C:39 "ICES Punch-Card Problems 1967".
- C:40 R. Ljøen "Some features of the water masses at the entrance to the Skagerak observed during the Joint Skagerak Expedition 1966".
- C:41 "Report of the Sub-Committee for Automatic Data Processing".

Contributions from other Committees with reference to
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H:31
Pelagic
(Northern)

"Preliminary report on the joint international O-group fish survey in the Barents Sea and adjacent waters, August-September 1967".

J:3 M. Delais
Pelagic
(Southern)

"Rapport sur le Symposium d'Abidjan, octobre 1966".

L:7 J. Kinzer
Plankton

"Some observations on the distribution of zooplankton in deep-sea scattering layers. Preliminary results, R.V. 'Meteor' cruises IIOE 1965 and Atlantic Seamount Expedition 1967".

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D. STATISTICS COMMITTEE

D:1	Hans Tambs-Lyche	"Statistical Editor's Report".
D:2	FAO	"Catches in the North Atlantic 1965". (FAO Bulletin of Fishery Statistics, No.12).
D:3 *	FAO	"Advance Release of Tables 1-5 of ICES Bulletin Statistique des Pêches Maritimes, Vol.51 (for 1966)". (FAO Fisheries Circulars Nos. 176 and 177).
D:4	FAO	"Report on the Fifth Session. Continuing Working Party on Fishery Statistics in the North Atlantic Area, Aberdeen, 10-14 April, 1967" (FAO Fisheries Report, No.45).
D:5 * Ref.: Gear & Behaviour	FAO	"Reports on certain national procedures in the field of fishery statistics". (FAO Fisheries Circulars, Nos. 166, 165, 163 and 167)
D:6 *	FAO	"Notes on the Fishery Statistical Programme of FAO 1967-1969". (FAO Fisheries Circular, No.150) and "FAO Fishery Statistical Publications and other FAO documents in the field of fishery statistics published in 1966".
D:7 *	FAO	"Notes for the completion of form STANA 2: ICES (North-East Atlantic). Summary". (FAO Fisheries Circular No.61) and "Notes for the Completion of form STANA 1 E" (FAO Fisheries Circular, No.64).
D:8 Ref.: Demersal (Southern) and Anacat., and Pelagic (Southern)	F. Lozano	"Projet de classement statistique pour les espèces des Comités des poissons démersaux et pélagiques du sud et anadromes et cata- dromes méridionales".
D:9 *	FAO	"Additional proposals for the further refining of the definitions of effort measures given in Section 4 of the Notes for the Completion of STANA forms 1 E and 1 W"(FAO Fisheries Circular, No.194, being a revision of Circular No.174 (ICNAF Res. Doc. 67/101)).
D:10 *	FAO	"Fishery statistics for the eastern-central Atlantic and West African countries" (FAO Fisheries Circulars, Nos. 181, 183 and 184).
D:11 Ref.: Gear & Behaviour		"List of vessels fishing in the ICES area (North) 1966" - Issued October 1967

* for the relevant Committee only

Statistics Committee (ctd.)

D:12*	ICNAF	"Report of the Statistics and Sampling Sub-Committee of ICNAF".
D:13*	FAO	"Eastern Central Atlantic. Maps for fishery statistical purposes" (FAO Fisheries Circular, No.182).

Contributions from other Committees with
Reference to the Statistics Committee

G:10 Demersal (Southern)	P. Meriel-Bussy	"La pêche du merlu à la Rochelle. Analyse des statistiques de 1966".
G:11 Demersal (Southern)	J. C. Quero & P. Meriel-Bussy	"La pêche du merlu au filet maillant sur les côtes françaises de l'Atlantique et plus particulièrement à la Rochelle".

* for the relevant Committee only.

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F. DEMERSAL FISH (NORTHERN) COMMITTEE

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- F:2 B. Draganik "Age composition and rate of growth of saithe (Pollachius virens) caught in February-March off the Norwegian coast".
- F:3 Maria Kosior "Characteristics of cod catches in the southern Baltic in 1966".
- F:4 M. Berner "Cod of the Bay of Mecklenburg and of the Arkona Sea in 1965 and 1966".
- F:5 M. Berner "Results of cod taggings in the western and central Baltic in 1962-1965".
- F:6 Ch. Gilis "Note sur la pêche et la biologie de merlans (Merlangus merlangus L.)".
- F:7 G. Lefranc "Observations préliminaires sur les caractères biologiques et biométriques des morues du nord-ouest et du sud du Dogger Bank (juin 1966)".
- F:8 G. Lefranc "Résultats préliminaires des marquages de morue effectués en juin 1966 dans la région du Dogger Bank".
- F:9 J. Lamolet "Observations sur les stocks de merlans de la Mer du Nord septentrionale, du Farn Deeps et du sud du Dogger Bank (juin 1966)".
- F:10 L. J. K. Kleijn & J. F. de Veen "On the existence of separate sole populations in the eastern part of the North Sea".
- F:11 J. F. de Veen "A note on maturation in sole".
- F:12 S. J. de Groot
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Gear &
Behaviour "Comparative morphology of the digestive system and the feeding behaviour of flatfish (Pleuronectiformes)".
- F:13 F. Lamp "Tagging programme of cod in the German Bight".
- F:14 P. F. Meyer-Waarden & K. Tiews "Studies on the spawning stock of cod in the middle Baltic Sea during 3 research cruises of FRV 'Anton Dohrn' in 1962, 1964 and 1966".
- F:15 E. M. Mankevich "Soviet investigations on the structure of the Arcto-Norwegian cod in the Barents Sea in 1966".
- F:16 V. P. Ponomarenko "Reasons of changes in the rate of growth and maturation of the Barents Sea cod".
- F:17 G. P. Nizovtsev "Soviet investigations on young cod of the 0, I, II, and III age-groups in the Barents Sea".
- F:18 M. A. Sonina "The Barents Sea haddock, Melanogrammus aeglefinus, migrations and factors determining them".

Demersal Fish (Northern) Committee (ctd.)

- F:19 T. Williams "English North Sea sole fishery".
- F:20 A. Jamieson "Genetic diversity in cod".
- F:21 W. de Ligny "Serological and biochemical characteristics of plaice populations in the North Sea and adjacent waters".
- F:22 W. de Ligny "Physiological aspects of serological characteristics used in plaice population studies".
- F:23 Ole Bagge "Some preliminary results from tagging of lump sucker (Cyclopterus lumpus) 1966".
- F:24 Dag Møller & G. Nævdal "Inter- and intraspecific variations in hemoglobins of some gadoid fishes".
- F:25 E. Aker & G. Rauck "Tagging of juvenile flatfish at the German North Sea coast".
- F:26 Aa. J. C. Jensen "Danish investigations on the cod at Bornholm".
- F:27 K. Hohendorf "Osmotic properties of eggs of demersal fish in the Baltic".
- F:28 J. R. G. Hislop & C. C. Hemmings "A preliminary assessment of the survival of haddock (Melanogrammus aeglefinus (L.)) tagged underwater".
- F:29 D. F. S. Raitt "Cod spawning in Scottish waters. Preliminary investigations".
- F:30 D. F. S. Raitt "Further observations on the population dynamics of Norway pout: the effect of the poor 1963 year-class in the North Sea".
- F:31 D. F. S. Raitt "Scottish blue whiting investigations in 1967. Preliminary investigations".
- F:32 G. Beese & R. Kändler "Contributions to the biology of Anarhichas lupus L., A. minor Olafs. and A. denticulatus Kr.".
- F:33 G. Otterlind "On the status of the Baltic cod fishery and cod population".
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- F:34 G. Otterlind "Migration of flounder and plaice in southern Baltic".

Contributions from other Committees with reference
to the Demersal Fish (Northern) Committee

- B:3 S. J. de Groot "Occlusion of smell perception in the
Gear & & A. A. H. M. Corten common sole".
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- B:4 S. J. de Groot "Background adaptation in flatfish (Pleuro-
Gear & & R. Norde nectiformes), especially in the common sole
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Demersal Fish (Northern) Committee (ctd.)

E:7

Fisheries J. Corlett
Improvement

"The growth of young soles in the
north Irish Sea".

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Pelagic M. N. Lishev
& D. V. Uzars
(Northern)

"Some data on the relations between
stocks of cod, sprat, and herring in
the eastern Baltic.

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Pelagic
(Northern)

"Preliminary report on the joint inter-
national 0-group fish survey in the
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G. DEMERSAL FISH (SOUTHERN) COMMITTEE

- G:1 Administrative Report.
- G:2 O. Cendrero "Contribution to the study of blue
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- G:3 F. Ramos "Notes on the age and growth of
& O. Cendrero Pagellus centrodontus of northern Spain".
- G:4 J. Raźniewski "An attempt to isolate certain
& J. Wiktor communities of demersal fish occurring
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Bajador and the mouth of Gambia River".
- G:5 J. C. Leguen "La pêche des palangriers dans l'Atlantique
africain de 1956 à 1963".
- G:6 B. W. Jones "The biology and population dynamics of
the Cape hake Merluccius capensis".
- G:7 F. E. Alekseev "Hermaphroditism and regulations of
population sexual structure in Pagellus
acarne (Risso)".
- G:8 Hans Tambs-Lyche "Les activités du Conseil dans la 'Zone
Ref.: Sud'".
Pelagic
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- G:9 J. Gueguen "La croissance linéaire de la dorade,
Pagellus centrodontus (Delaroche), dans
le Golfe de Gascogne. - Note préliminaire".
- G:10 P. Meriel-Bussy "La pêche du merlu à la Rochelle. Analyse
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- G:11 J.-C. Quero "La pêche du merlu au filet maillant sur
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- J:3 M. Delais "Rapport sur le Symposium d'Abidjan,
Pelagic octobre 1966".
(Southern)
- B:7 J. Dardignac, "Sélectivité de divers maillage dans la
F. Lozano, pêche du merlu. Résultats préliminaires
M. Lima Dias & d'une campagne dans la région III
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Contributions to be presented at the Statutory Meeting.

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H:4	H. Schulz	"Further photometric observations on herring otoliths".
H:5	K. Schubert	"German investigation on the Atlanto-Scandian herring".
H:6	J. Sosiński	"Polish catches of herring in the Norwegian Channel and the Skagerak during the season 1966/1967".
H:7	J. P. Molloy	"Herring investigations on the south coast of Ireland 1966/1967".
H:8	I. G. Yudanov	"Soviet investigations on the state of stocks and characteristics of distribution of the Atlanto-Scandian herring in 1966".
H:9	O. Rechlin	"Changes in the herring stocks of the western and central Baltic in the period 1963-1966".
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H:11	U. Falk	"Recent changes in the pelagic herring fishery of the Norwegian Channel".
H:12	O. Rechlin	"Observations on winter concentrations of sprat (<u>Sprattus sprattus</u>) in the northern Baltic".
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H:15	Aa. J. C. Jensen	"The causes of the fluctuations in the yield of herring fisheries in northern Europe; especially the role of predatory fishes in the North Sea"
H:16	J. J. Zijlstra	"A comparison of young and old spawning Doggerbank herring".
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H:18	I. G. Yudanov	"The abundance of the 1966 year-class of the Atlanto-Scandian herring".
H:19	R. Th. Roskam	"Anisakis- and Contracaecum-larvae in the North Sea herring".

* for the relevant Committee only

Pelagic Fish (Northern) Committee (ctd.)

- H:20 P. van Banning "Nematodes in plankton samples from the
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- H:21 K. H. Postuma "On the nucleus of the herring as a
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- H:22 A. C. Burd "Progress report on the work of the
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- H:23 P. D. Wallace "The hatching of herring eggs".
- H:24 G. Nævdal "A preliminary report on studies on
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- H:25 "Preparation of historical charts of
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- H:26 S. Haraldsvik "Norwegian herring tagging experiments
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- H:27 S. Haraldsvik "Herring larvae survey in the Skagerak,
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- H:28 A. Saville "Report on the international trawling
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- H:29 A. Saville "The Scottish herring fishery and
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Sea in 1966 and 1967".
- H:30 "Report on the joint meeting on Atlanto-
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to oceanographic conditions, held at
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- H:31 "Preliminary report on the joint inter-
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& Hydrography
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J. PELAGIC FISH (SOUTHERN) COMMITTEE

- J:1 Administrative Report.
- J:2 J. Hamre,
F. Lozano,
J. Rodriguez-Roda
& K. Tiews "Report from the Bluefin Tuna Working Group. Data Collection from 1966".
- J:3 M. Delais "Rapport sur le Symposium d'Abidjan,
Ref.: octobre 1966".
Hydrogr.
and Demersal
(Southern)
Cttees.
- J:4 J. Raźniewski "Some observations on the biology of Scomber colias of the north-west African Shelf".
- J:5 U. Falk "Sediments as food of the Chub mackerel Scomber colias Gmelin off north-west Africa".
- J:6 J. Y. Lee "Note sur l'immunologie des thons rouges (Thunnus thynnus Linné) de l'Atlantique et de la Méditerranée".
- J:7 M. Rodewald "Transatlantic migrations of the bluefin tuna and the anomalies of the atmospheric circulation".
- J:8 T. Boely "Etude préliminaire de quelques caractères de Sardinella eba (C. et V.) des côtes du Sénégal".
- J:9 C. Champagnat "La pêche industrielle des poissons pélagiques côtiers au Sénégal en 1966".
- J:10 L. P. Fedorova "Peculiarities in the development and structure of the Eastern or Spanish mackerel (Pneumatophorus colias) eggs and larvae".
- J:11 V. Zharov "On migration of yellowfin tuna Thunnus albacares (Bonnaterre) in the Atlantic Ocean".
- J:12 H. Vilela
& I. Barraca "Biologie de la sardine Sardina pilchardus (Walb.) de Portugal continental et insulaire - 1966/1967".
- J:13 Roger L'Herrou "La campagne sardinière sur les côtes charentaises, vendéennes et bretonnes en 1966".
- J:14 Roger L'Herrou "Répartition des oeufs et larves de sardines dans le Golfe de Gascogne et sur le plateau celtique (mai 1966, février et mai 1967)".

Pelagic Fish (Southern) Committee (ctd.)

Contributions from other Committees with reference
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G:2 Demersal (Southern)	O. Cendrero	"Contribution to the study of the blue whiting (<u>Micromesistius poutassou</u>) of northern Spain".
G:8	Hans Tambs-Lyche	"Les activités du Conseil dans la 'Zone Sud'".
D:8 Stat. Cttee.	F. Lozano	"Projet de classement statistique pour les espèces des comités des poissons démersaux et pélagiques du sud et anadromes et catadromes méridionales".

Contributions to be presented at the Statutory Meeting.

K. SHELLFISH AND BENTHOS COMMITTEE

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- K:2 B. I. Dybern "The influence of the medusa, Tima bairdii, on the deep-sea prawn fishery in the Skagerak in 1966-1967".
- K:3 B. I. Dybern,
L. Jacobsson
& H. Hallbäck "On the habitat behaviour of the lobster, Homarus vulgaris, in Swedish waters".
- K:4 F. A. Gibson "Growth rate and age in Irish lobsters together with references to ovigerous females".
- K:5 A. A. Dunthorn "Some observations on the behaviour and development of the Norway lobster".
- K:6 Irena Brodniewicz "Foraminifera of the southern Baltic Sea".
- K:7 J. Moreau "La teneur en phosphates inorganiques dissous dans l'eau de mer: ses modifications périodiques dans le bassin de Marennes-Éléron et dans les claires à huîtres de la région".
- K:8 J. Moreau
& P. Trochon "La chlorophylle a et les caroténoïdes non astaciens dans les claires: leurs variations quantitatives saisonnières et leurs rapports avec la croissance d'Ostrea edulis L."
- K:9 H. Janiszewska-Pactwa "The fauna of bottom sediments of the Vistula Firth and the Lake Druzno".
- K:10 Aa. J. C. Jensen "Continued Danish investigations of Nephrops and Pandalus".
- K:11 K. Turoboyski "Ecological studies on the distribution of the crab Rhithropanopeus harrisi (Gould) subsp. tridentatus (Maitland) in the Vistula Estuary".
- K:12 T. J. Pandian "Preliminary report on chemical changes and caloric content of developing eggs of the shrimp Crangon crangon".
- K:13 B. T. Hepper "Observations on a crawfish (Palinurus vulgaris) tagging experiment off Cornwall in 1966".
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- K:15 R. Boddeke "Developments in shrimp fishing and shrimp research in the Netherlands".
- K:16 A. C. Simpson "Report of FAO World Scientific Conference on the Biology and Culture of Shrimps and Prawns".
- K:17 K. R. Gundersen "Further results of tagging experiments on lobster (Homarus vulgaris) in Norway".

Contributions to be presented at the Statutory Meeting.

L. PLANKTON COMMITTEE

- L:1 Administrative Report.
- L:2 J. H. Fraser "Pleurobrachia in Scottish waters in in 1966".
- L:3 J. H. Fraser & Vagn Kr. Hansen "Plankton Identification Sheets".
- L:4 R. Grandperrin & C. Caboche "Aperçu sur l'action des procédés de conservation sur la biomasse d'organismes micronectoniques et macroplanctoniques".
- L:5 K. Siudziński "Zooplankton of Gdańsk Bay".
- L:6 **Krystyna Wiktor** "Composition of the zooplankton in the coastal waters of north-west Africa".
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Hydrogr.
Cttee.
- L:7 J. Kinzer "Some observations on the distribution of zooplankton in deep-sea scattering layers (Preliminary results, R.V. 'Meteor' cruises IIOE 1965 and Atlantic Seamount Expedition 1967)".
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Hydrography
- L:8 M.-L. Furnestin "Chaetognathes des campagnes danoises dans l'Atlantique nord. Notes écologiques et biogéographiques".
- L:9 Jean-Paul Casanova "Analyse de quelques pêches planctoniques profondes dans le Golfe de Gascogne".
- L:10 J. Arnaud, M. Brunet & J. Mazza "Etude critique des données volumétriques dans l'estimation de la biomasse planctonique".
- L:11 S. Arbault & N. Boutin "Oeufs et larves de poissons téléostéens dans le Golfe de Gascogne en 1964".
- L:12 J. Beaudouin "Aperçu sur le peuplement planctonique du plateau continental. Golfe de Gascogne et Mer Celtique (hiver 1964)".
- L:13 J. H. Fraser "Overflow of oceanic plankton the shelf waters of the North-East Atlantic". (Lecture to be given at the Joint Plankton/Hydrography Committees meeting)

Contributions from other Committees with reference to the Plankton Committee

- C:13 U. Stefánsson "Nitrate-phosphate relationships in the Irminger Sea".
Hydrogr.
- H:20 P. van Banning "Nematodes in plankton samples from the North Sea".
Pelagic
(Northern)
- C:2 D. Nehring "Some relations between hydrography, nutrients and plant production during the spring outburst 1966 in the Norwegian Deep".
Hydrography & H. Franck
- C:6 G. Tomczak "Surface temperature variations in the North Sea from 1905 to 1954".
Hydrography

Contributions to be presented at the Statutory Meeting.

M. ANADROMOUS AND CATADROMOUS FISH COMMITTEE

M:1		Administrative Report.
M:2	A. E. J. Went	"Long-term changes in the runs of salmon in Ireland".
M:3	F. W. Tesch	"Homing of eels (<u>Anguilla anguilla</u>) in the southern North Sea".
M:4	F. Thurow	"Scale pattern analysis in Atlantic salmon, a review".
M:5	O. Christensen	"The Danish salmon fishery in the eastern Baltic in the season 1966/1967".
M:6	R. Sych	"Body-scale and weight-length relationship in sea-trout (<u>Salmo trutta trutta</u> L.) from Vistula River".
M:7	Z. Chelkowski	"The periods of descent to the sea of the trout smolts of the Rega River".
M:8	J. T. Carbery	"Ulcerative dermal necrosis (U.D.N.) in Irish salmon".
M:9	Eileen Twomey	"Salmon of the River Shannon".
M:10	D. J. Piggins	"Salmon hatching and rearing techniques".
M:11 *		"Note received from IBP on <u>Salmo salar</u> for the consideration of the members of the Anadromous and Catadromous Fish Committee".
M:12	H. Mann	"Occurrence and spreading of cauliflower disease in Europe".
M:13	A. R. Mitans	"Ecological characteristics of the smoltification of salmon in the Latvian rivers".
M:14	Curt Went	"Transport experiments with smolts".
M:15	Eva Bergström	"Diet experiments on young salmon".
M:16	L. Österdahl	"Sex and age of migrating smolts in the River Rickleån".
M:17	S. Zarnecki	"Some picture of Polish hatcheries" illustrated by a 16 mm film.
M:18	A. Nygren	"Chromosome numbers in salmon".
M:19	I. R. H. Allan	"A revised terminology list for Atlantic salmon (<u>Salmo salar</u> L.)"
M:20	I. R. H. Allan	"A terminology list for migratory trout (<u>Salmo trutta</u> L.)".
M:21	A. Swain	"The production of 1-year old Atlantic salmon smolts".

* for the relevant Committee only

Anadromous and Catadromous Fish Committee (ctd.)

M:22	B. Carlin	"Report on the comparative tagging test in Sweden 1966".
M:23	R. Kändler	"The German salmon fishery in the season 1966/67".
M:24	Th. Gudjónsson	"Salmon culture in Iceland".
M:25	D. H. A. Marr	"Experiments on the artificial rearing of young Atlantic salmon (<u>Salmo salar</u> L.)".
M:26 *	ICNAF	"Extract from ICNAF Redbook 1967. Part I".

Contribution from the Statistics Committee with
reference to the Anadromous and Catadromous
Fish Committee

D:8	F. Lozano	"Projet de classement statistiques pour les espèces des comités des poissons démersaux et pélagiques du sud et anadromes et catadromes méridionales".
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* for the relevant Committee only

Contributions to be presented at the Statutory Meeting.

N. MARINE MAMMALS COMMITTEE

N:1		Administrative Report.
N:2	Å. Jonsgård	"The Norwegian modern whaling for smaller cetaceans: a survey of biological investigations".
N:3	N. A. Mackintosh	"Research on seals and whales in the United Kingdom".
N:4 *		"IBP Project on Marine Mammals".
N:5	D. E. Sergeant	"Research on sea mammals by the Arctic Biological Station, Fisheries Research Board of Canada".
N:6	T. Øritsland	"The status of Norwegian seal research".
N:7	B. B. Rae	"Seal damage to fish and fisheries".

* for the relevant Committee only