

CONSEIL INTERNATIONAL
POUR L'EXPLORATION DE LA MER

INTERNATIONAL COUNCIL
FOR THE EXPLORATION OF THE SEA

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IL
D.l.a/81

November 1981

Dear Sirs,

Please find enclosed the documents requested - to the extent available - of 1981 Council Meeting papers.

If you require photocopies of papers which were not included in the set, please do not hesitate to inform us and we shall then forward them with an invoice covering the cost of photocopying and dispatch.

However, we wish to draw your attention to the following papers which were withdrawn:

Fish Capture Cttee:	B:2, B:15, B:24, B:25, B:30
Hydrography Cttee:	C:14, C:21, C:23, C:24, C:34, C:35
Statistics Cttee:	D:5
MEQC:	E:12, E:13
Mariculture Cttee	F:23, F:36
Demersal Fish Cttee:	G:27, G:30, G:53, G:87, G:90, G:83
Pelagic Fish Cttee:	H:18, H:47, H:67, H:68
Baltic Fish Cttee:	J:8, J:12, J:33
Shellfish Cttee:	K:10, K:17
Biol. Ocean. Cttee:	L:8, L:12, L:23, L:26, L:27, L:38
Anacat Cttee:	M:3, M:27
Marine Mammals Cttee:	N:15, N:17

Further, the below-mentioned were presented as posters without any paper:

C:15

K:25

M:25

Yours faithfully,

ICES Secretariat

Contributions to be presented at the Statutory Meeting.

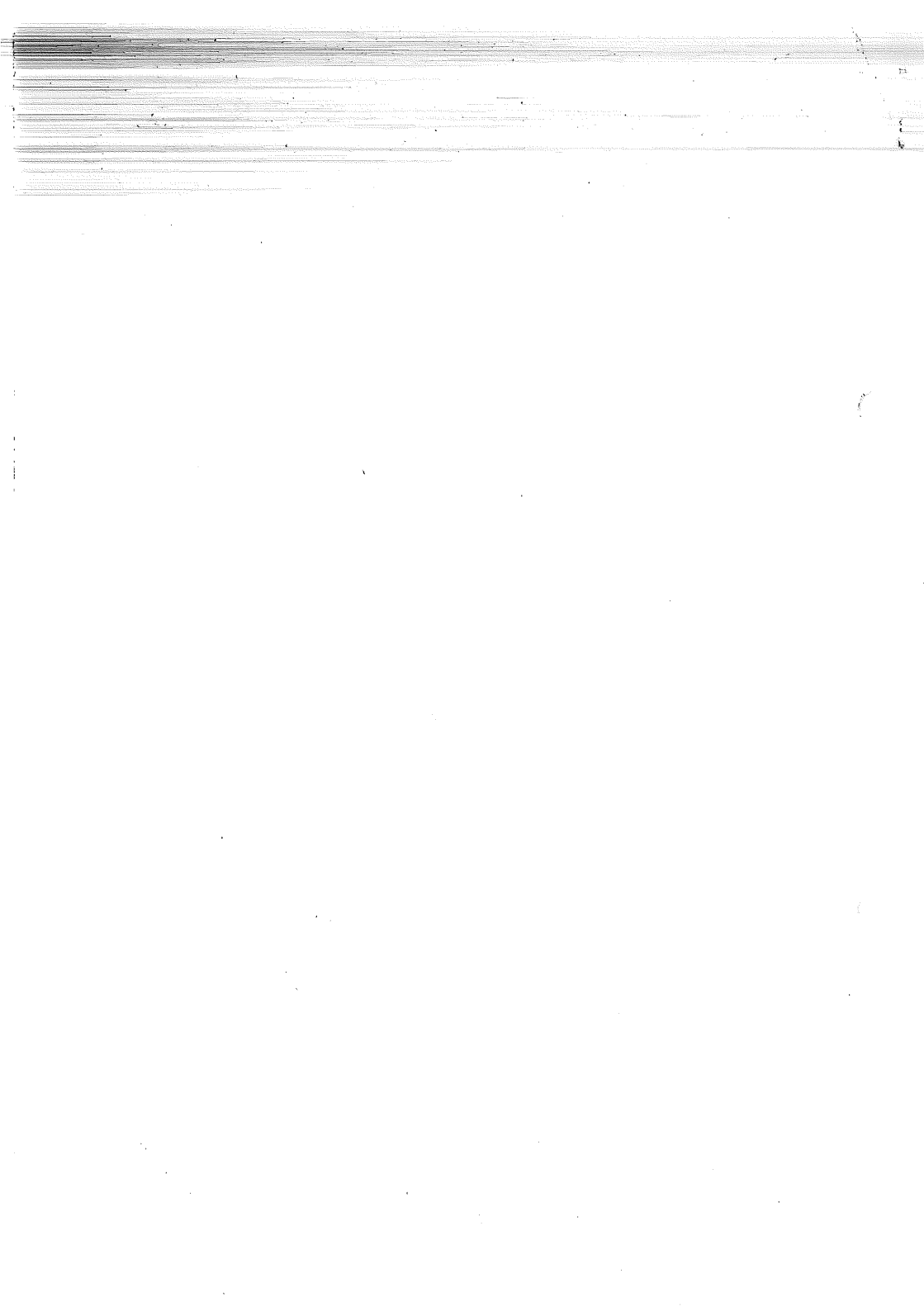
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Documents are coded for different Committees in accordance with their terms of reference and instructions given by the governing bodies from time to time.

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



Gen - GENERAL ASSEMBLY REPORTS AND PAPERS OF GENERAL INTEREST

Gen:1		"Observers' reports from collaborating organisations".
Gen:2		"Activities of the International Council for the Exploration of the Sea 1980/81".
Gen:3 Poster (Symp.)	M Byrne and P E Pullen	"Gulf Stream surface current measurements from integrated altimeter and thermal IR satellite data".
Gen:4 Poster (Symp.)	S A Patin	"The experience of the use of data from remote sensing of the ocean for fisheries".
Gen:5	Compiled by ICES Hydrographer	"Catalogue of regularly issued marine environmental data products for the ICES area. 1981 issue".
Gen:6 Poster (Symp.)	E M Maturi and J J Gurka	"Relationship between sea fog patterns and sea surface temperatures as shown by satellite imagery".
Gen:7 Poster (Symp.)	R Wiesnet and S Staggs	"NOAA/AVHRR sea ice monitoring off the Greenland coast".
Gen:8 Poster (Symp.)	E P McClain	"Split-window and triple-window sea surface temperature determination from satellite measurements".
Gen:9 Poster (Symp.)	R L Bernstein	"Sea surface temperature mapping using the NOAA-series AVHRR sensor".
Gen:10 Poster (Symp.)	A E Strong	"Improvements in satellite-derived monthly mean sea surface temperatures".
Gen:11 Poster (Symp.)	P Geerders	"Data aspects of remote sensing of the ocean".
Gen:12	ICES Hydrographer	"Mailing list for planned oceanographic cruise programmes".
Gen:13 Poster (Symp.)	D Georgopolous and L Wald	"Remote sensing in the Aegan Sea".
Gen:14 Poster (Symp.)	L Wald, J M Monget and M Albuissou	"Mediterranean hydrocarbons pollution from LANDSAT".

Gen - ctd.

Gen:15 Poster (Symp.)	J Citeau and F Domaine	"A short review of an oceanographic use of METEOSAT data at ORSTOM Remote Sensing Service".
Gen:16 Poster (Symp.)	J Citeau, B Piton and B Voituriez	"Remote sensing of the upwelling season in the eastern tropical Atlantic Ocean".
Gen:17 Poster (Symp.)	J L Shuhy	"Monitoring sea surface circulation on the Grand Banks with satellite-tracked drifters".
Gen:18		"Advance Release of Tables 1-5 and K of Bulletin Statistique, Vol.65, 1980".
Gen:19 Poster (Symp.)	R M Hayes	"Surface drift in the Gulf Stream from a small, undrogued, air-deployed satellite-tracked lagrangian drifter".
Gen:20 Poster (Symp.)	O B Brown and R H Evans	"Evolution of sea surface temperature patterns in the Somali Basin during the summer monsoon: 1976-81".
Gen:21		Withdrawn.
Gen:22	K Hoydal	"Review of assessments undertaken by ICES' Working Groups in 1981".
Gen:23		"Elections of Committee Chairmen at the 69th Statutory Meeting". (E+F)
Gen:24		"Notes on recommendations and reports". (E+F)
Gen:25 Poster (Symp.)	M Roffer <u>et al.</u>	"Application of remote sensing to Bluefin Tuna fisheries".
Gen:26 Poster (Symp.)	R M Laurs and R Lasker	"Roles of satellite observations in marine fisheries research".
Gen:27 Poster (Symp.)	F I Gonzalez <u>et al.</u>	"SEASAT wind and wave observations of Northeast Pacific hurricane IVA, 13 August 1978".
Gen:28 Poster (Symp.)	R A Arnone	"Bathymetric and hydrographic coastal feature recognition using LANDSAT and CZCS imagery".
Gen:29 Poster (Symp.)	G G Hayward	"A high altitude wide angle underwater imaging system utilizing TV and electronic flash illustrations".
Gen:30	ICES Hydrographer	"Analysis of replies to the 1980 questionnaire on the ICES Service Hydrographique".

Del - DELEGATES PAPERS

- Del:1* "Audited accounts for 1979/80 with balance sheet as per 31/10 1980".
- Del:2* "Preliminary report on the administration 1980/81".
- Del:3* "Administrative reports of area- and subject Committees".
- Del:4* "Estimated accounts for the financial year 1980/81".
- Del:5* "Budget for the financial year 1981/82". (E+F)
- Del:6* "Forecast budget for the financial year 1982/83". (E+F)
- Del:7* "Advisory procedures regarding introductions and transfers of marine organisms".
- Del:8* "The cost of coordinating intercalibration exercises".
- Del:9* "Elections to be undertaken by the Council at the 69th Statutory Meeting". (E+F)
- Del:10* "Arrangements regarding requests for extra meetings of subsidiary bodies".

* For Delegates only.

(E+F) = in English and French.

Fi - FINANCE COMMITTEE

Fi:1* Agenda for the Finance Committee.

Fi:2* "Write-off of non-received payments".

ACFM - ADVISORY COMMITTEE ON FISHERY MANAGEMENT

ACFM:1* "Draft Agenda for consultations concerning Advisory Committee on Fishery Management matters, Woods Hole, 8 October 1981, evening".

ACFM:2* "Provisional Draft Agenda - Advisory Committee on Fishery Management, November 1981, Copenhagen".

ACFM:3* "Brief report on the Seventh Session of IBISFC, 21-30 September 1981, Warsaw".

ACMP - ADVISORY COMMITTEE ON MARINE POLLUTION

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

* For the relevant Committees only.

Pub - PUBLICATIONS COMMITTEE

Pub:1*	Agenda for the Publications Committee.
Pub:2*	"Sale of ICES publications during the last three years".
Pub:3*	"Review of the publications".

A - CONSULTATIVE COMMITTEE

A:1*	Agenda for the Consultative Committee.
A:2*	"Annotated Agenda".
A:3*	"Guidelines for drafting of reports and recommendations".

* For the relevant Committees only.

B - FISH CAPTURE COMMITTEE

B:1		Administrative Report.
B:2		Withdrawn.
B:3 Ref. Demersal and Pelagic Fish Cttees	J B Suomala Jr.	"An acoustic fish-density estimation and its precision".
B:4 Ref. Demersal and Pelagic Fish Cttees	J B Suomala Jr. and J M Crossen	"Spherical reference targets for hydro-acoustic equipment calibration".
B:5 Ref. Shellfish Cttee	G Thorsteinsson	"The effect of net slack in the side-panels of shrimp trawls on the size distribution of the catch".
B:6 Ref. Shellfish Cttee	J M Alonso- Allende	"Data on selectivity for <u>Nephrops norvegicus</u> on bottom trawl fishery of Galicia (NW of Spain)".
B:7	S E Shevtsov	"Selectivity of the bottom trawl cod ends with 100 and 110 mm mesh size used for the Baltic cod fishery".
B:8	K Lange and P Schenzle	"Full scale trials with wind propulsion on a small fishing vessel".
B:9		"Second report of the Planning Group for the Symposium on Fisheries Acoustics, Nantes, 27-29 May 1981".
B:10	G Thorsteinsson	"A review of the Icelandic herring drift-net fisheries".
B:11 Ref. Shellfish Cttee	R P Briggs	"Preliminary observations on the effect of a codend cover or lifter bag on catch composition in the Northern Ireland <u>Nephrops</u> fishery".
B:12	A Aglen, O Hagström and N Håkansson	"Target strength measurements and C-value determinations of live Skagerrak herring and cod".
B:13 Ref. Baltic Fish Cttee	H Bohl	"Selection of cod by bottom trawl cod ends in the central Baltic (German experiments 1979 and 1980)".
B:14	G Freytag	"Recent German low-energy experiment".

Fish Capture Cttee (ctd)

- B:15 B Hansen, "A new Faroese research vessel".
 H f Jakupsstovu
 and B Thomsen
- B:16 P J G Carrothers "Common misinterpretations in fishing
 gear hydrodynamics".
- B:17 J Dalen and "Measurements of target strength and
Ref. Biol. A Kristensen spatial orientation of Euphausiids
Oceanography (Krill)".
Cttee
- B:18 Ø Løvik and "Acoustic classification of marine
Poster A Kristensen organisms".
- B:19 R De Clerck, "Further results of selectivity
 G Vanden experiments with beam trawls".
 Broucke,
 R Fonteyne
 and N Cloet
- B:20 K G Foote, "Improved calibration of hydroacoustic
 H P Knudsen, equipment with copper spheres".
 G Vestnes,
 R Brede and
 R L Nielsen
- B:21 K G Foote "Acoustic investigation of fish
Ref. Pelagic behaviour apropos avoidance reaction".
Fish Cttee
- B:22 K Olsen "The significance of fish behaviour
 in the evaluation of hydroacoustic
 survey data".
- B:23 "Report of the Working Group on
 Reactions of Fish to Fishing
 Operations".
- B:24 Withdrawn.
- B:25 Withdrawn.
- B:26 J I Edwards and "Measurement of the target strength of
 F Armstrong live herring and mackerel".
- B:27 D N MacLennan "The target strength of cod at 38 kHz
 as a function of fish length".
- B:28 P A M Stewart "Report on the trial year of the fish
 capture research data index scheme".
- B:29 P A M Stewart "Seine-netting in the United Kingdom".
 and E S Strange

Fish Capture Cttee (ctd)

- B:30 Withdrawn.
- B:31 A D Rijnsdorp,
F A van Beek and
P I van Leeuwen "Results of mesh selection experiments on sole with commercial beam trawl vessels in the North Sea and the Irish Sea in 1979 and 1980".
- B:32 F A van Beek,
A D Rijnsdorp and
P I Leeuwen "Results of mesh selection experiments on North Sea plaice with a commercial beam trawler in 1981".
- B:33 "Report of the Working Group on Research on Engineering Aspects of Fishing Gear, Vessels and Equipment".
- B:34 K Kr. Angelsen "Engineering and fish reaction aspects of gillnetting - a review".
- B:34 Å Bjordal "Engineering and fish reaction aspects of longlining - a review".

Reference Papers to the Fish Capture Committee

- D:3
Statistics
Cttee "Report of the Statistics Committee Liaison Working Group, Copenhagen, 25-27 May 1981".
- G:34
Demersal Fish
Cttee F Cohin et
A Laurec "Note sur le calcul analytique de l'impact d'un changement de maillage".
- K:35
Shellfish
Cttee A Chaurau et
Y Morizur "Description et activités des flotilles françaises opérant en Mer d'Irlande et en Mer Celtique".

C - HYDROGRAPHY COMMITTEE

- | | | |
|--|--|---|
| C:1 | P Geerders | "Report on intersessional meeting of the IOC/IODE Task Team on Exchange and Archival of Air- and Spaceborne Remotely Sensed Oceanographic Data". |
| C:2
Ref. MEQC | | "Third Report of the Marine Chemistry Chemistry Working Group, Nantes, 16-19 February 1981". |
| C:3 | J Smed | "Report of the Third Session of the IODE Group of Experts on Responsible National Oceanographic Data Centres". |
| C:4 | J Smed | "Report on the Third Session of the Group of Experts on the MEDI Referral System". |
| C:5 | W Zenk | "Overflow events in the southern South Atlantic". |
| C:6 | G A Becker | "The North Sea heat budget". |
| C:7
Ref. Biol.
Oceanography
Cttee | M Pastuszak,
W R Wright and
D Patanjo | "One year of nutrient distribution in the Georges Bank region in relation to hydrography, 1975-76". |
| C:8
Ref. MEQC | G Kullenberg | "On the distribution of suspended matter between Norway and Spitsbergen". |
| C:9
Ref. MEQC and
Biol.
Oceanography
Cttee | | "Report of the meeting of the ICES Study Group on the Flushing Times of the North Sea on 27 and 28 February 1981 at the Fisheries Laboratory, Lowestoft". |
| C:10
Poster | T Gytre | "A modular family of miniature instruments for simple acquisition and in field processing of oceanographic data". |
| C:11 | K R Thompson | "Monthly changes of coastal sea level and the circulation of the North Atlantic". |
| C:12 | A H Taylor | "A spectral analysis of long-term changes in surface temperature and surface salinity in the North-East Atlantic Ocean". |
| C:13 | R R Dickson,
W J Gould,
P A Gurbutt and
P D Killworth | "A seasonal signal in ocean currents to abyssal depths". |
| C:14 | | Withdrawn. |

Hydrography Cttee (ctd)

C:15	Neads Group	"Deep water measurement in the eastern Atlantic (a) mean flow (b) eddy structure".
C:16	W J Gould	"A front southwest of the Azores".
C:17	ICES Hydrographer	"Activities of the ICES Service Hydrographique during 1980/81".
Ref. MBQC C:18	F Koroleff	"Direct spectrophotometric determination of dissolved aluminium in seawater by pyrocatechol violet".
C:19	J Blindheim, H Loeng and R Sætre	"Long-term temperature trends in Norwegian coastal waters".
C:20	S H Fonselius	"Some preliminary studies on patchiness in surface water".
C:21	W Jenkins	"On the climate of a subtropical ocean gyre: decade time scale variations in water mass renewal in the Sargasso Sea".
C:22 Poster	P L Richardson and T K McKee	"Free drifting buoy measurements in the North Atlantic".
C:23	T Keffer	"Observations of potential vorticity using current meters".
C:24 Poster	B Bradford and C Beardsley	"Long-term observations of currents on the southern flank of Georges Bank".
C:25 Poster	J Launiainen and J Koljonen	"Variations of temperature and salinity at Finnish fixed observation stations in the Baltic Sea".
C:26	ICES Hydrographer	"Provisional programme of work for ICES Service Hydrographique 1981/82".
C:27 and C:27 Annex	ICES Hydrographer	"ICES catalogue of computer programmes in physical and chemical oceanography. 1981 issue".
C:28	E Buch	"On the West Greenland Current".
C:29 Poster	M S McCartney and L D Talley	"Variability of convectively formed water masses in the North Atlantic Ocean".
Ref. Biol. Oceanography Cttee C:30	R W Houghton and J Marra	"Physical and biological structure of exchange at a shelf break thermohaline front".

Hydrography Cttee (ctd)

- | | | |
|----------------|--|--|
| C:31 | M J Howarth | "An intercomparison of AMF VACMs and Aanderaa RCM4s in a tidally dominated continental shelf sea". |
| C:32
Poster | W E Hanson | "US Coast Guard - NOAA current-measuring HF doppler radar: present capabilities, technique, and maritime applications in the mid-1980s". |
| C:33 | H U Lass,
R Schwabe,
W Matthäus and
E Francke | "Investigations of water exchange processes in the Darss Sill region". |
| C:34 | | Withdrawn. |
| C:35 | | Withdrawn. |
| C:36 | J Smed | "Introduction to the hydrography section of Annales Biologiques, Vol. 37 (for 1980)". |
| C:37 | J Smed | "Report on the JSC/CCCO Meeting on Time Series of Ocean Measurements". |
| C:38 | J Smed | "Synthesis of replies to the 1980 questionnaire on the ICES Service Hydrographique". |
| C:39 | J Smed | "Report on the Second Session of the Committee on Climatic Changes and the Ocean". |
| C:40 | J Smed | "Report on the 10th Session of the IOC Working Committee on International Oceanographic Data Exchange". |
| C:41 | C Maillard | "Mean circulation in the North East Atlantic from historical data". |
| C:42 | | "Report of the Working Group on Oceanic Hydrography". |

Hydrography Cttee (ctd)

Reference Papers to the Hydrography Committee

E:17 MEQC	G Kullenberg	"Coastal zone exchange - proposal for an ICES Symposium".
E:34 MEQC		"Report of the First Meeting of the Working Group on Marine Sediments in relation to Pollution, Copenhagen, 1-3 June 1981".
G:82 Demersal Fish Cttee	B Lundgren	"A theoretical basis for accurate weighing at sea . A 'Dana' project".
H:39 Pelagic Fish Cttee	J Smed	"Temperature and salinity of the North Sea during the International Young Fish Survey 1981".
H:73 Pelagic Fish Cttee		"Report on joint Soviet-Icelandic investigations on hydrobiological conditions in the Norwegian Sea and Icelandic waters in May-June 1981".
L:24 Biol.Oceanogr. Cttee	R Schlitz and E Cohen	"A nitrogen budget for the Gulf of Maine and Georges Bank".
L:46 Biol.Oceanogr. Cttee		"Report of the Working Group on the Methodology of Primary Production, including Guidelines for the measurement of primary production in the ICES area".

D - STATISTICS COMMITTEE

D:1		Administrative Report.
D:2	D Pauly	"Stock assessment packages for programmable calculators and micro-computers: two examples, with a discussion of their potential usefulness in developing countries".
D:3	Ref. Fish Capture and Mariculture Cttees	"Report of the Statistics Committee Liaison Working Group, Copenhagen, 25-27 May 1981".
D:4	J F Caddy	"New initiatives in preparation of stock assessment program packages for fisheries".
D:5	J F Caddy	"Estimating natural mortality for species with divergent growth rates by sex".
D:6	V J Pigoga, R C Hanumara and S B Saila	"Estimation in models of growth-time relationships".
D:7	J A Pope and I Angus	"Analysing mixtures of normal populations".
D:8	J A Pope and A M Shanks	"Statistical software for non-statisticians".
D:9	P Lewy	"Optimum sampling concerning catch composition in the Danish North Sea industrial fishery".
D:10	H Lassen and P Lewy	"Some problems in SOP corrections".
D:11	W Panhorst	"Magnetic tape characteristics acceptable to ICES for fishery statistics and assessment purposes".
D:12	ICES Statistician	"Progress Report".
D:13	Ref. Mariculture Cttee	"Proposed Notes on the completion of Form STATLANP AQ".
<u>Reference Paper to the Statistics Committee</u>		
G:13	Demersal Fish Cttee	J G Pope "Practical guidelines for the precision of assessment data".

E - MARINE ENVIRONMENTAL QUALITY COMMITTEE

- E:1 Administrative Report with an Addendum.
- E:2 I Duedall,
J Parker and
P Woodhead "Coal combustion by-products - new material for artificial reef construction".
- E:3 F W Steimle Jr. "Trophic relationships of artificial reef fishes".
- E:4 H von Westernhagen
et al. "Bioaccumulating substances and reproductive success in Baltic flounder, Platichthys flesus".
- E:5 S J de Groot "Bibliography of literature dealing with the effects of marine sand and gravel extraction on fisheries".
- E:6 "Report of the ICES/SCOR Working Group on the Study of Pollution of the Baltic, Copenhagen 2-3 March 1981".
- E:7 E Gould "Field stress in the scallop,
Ref. Shellfish Placopecten magellanicus.
Cttee
- E:8 M A Dawson "Seasonal variations in hematology of the windowpane flounder, Scophthalmus aquosus, at three stations in Long Island Sound, USA".
- E:9 A Calabrese
et al. "Effects of long-term exposure to silver and copper on growth, bioaccumulation and histopathology in the blue mussel (Mytilus edulis)".
- E:10 J T Graikoski "Bacteriological aspects of ocean dumping research".
- E:11 R B Gagosian
and R A Duce "Input of petroleum hydrocarbons to the ocean via atmospheric transport".
- E:12 Withdrawn.
- E:13 Withdrawn.
- E:14 C R Allchin and
J E Portmann "Results of a brief survey for HCB and HCBD in fish and shellfish from an area off the coast of England and Wales adjacent to a major site of manufacture".
- E:15 M J Waldock "Analysis of phthalate esters in environmental samples by gas chromatography and mass spectrometry".

MEQC (ctd)

- E:16 R J Law and R A A Blackman "Hydrocarbons in water and sediments from oil-producing areas of the North Sea".
- E:17 G Kullenberg "Coastal zone exchange - proposal for an ICES Symposium".
Ref. Hydrography and Biol.Oceanogr. Cttees
- E:18 S Koepf, E D Santoro, R Zimmer and J Nadeau "Selected metal concentrations in Mytilus edulis transplanted in and around a dredge material disposal site in the New York Bight".
- E:19 J B Pearce "Review of archiving and storage techniques used in maintaining biological tissues and other environment samples for future contaminant analyses".
- E:20 J G Parker "The granulometry of Belfast Lough sediments".
- E:21 J O'Connor "Studies on fates and effects of pollutants in the New York Bight".
- E:22 J A Calder "Concepts of assimilative capacity for waste disposal management".
- E:23 R A A Blackman and R J Law "The oil content of discharged drill-cuttings and its availability to benthos".
- E:24 R Elmgren, S Hansson, U Larsson and B Sundelin "The 'Thesis' oil spill: acute and long-term impact on the benthic ecosystem".
Ref. Biol. Oceanography Cttee
- E:25 B H Reynolds, C A Barczcz, D K Phelps and J Heltshe "Mussel watch - Correlation of histopathology and chemical bioaccumulation in mussels (Mytilus edulis and M. californianus) and oysters (Crassostrea virginica)".
- E:26 H Möller "Fish diseases in German and Danish coastal waters in summer 1980".
- E:27 H Möller "Field guide for the diagnosis of fish diseases and important fish parasites in the North Sea and Baltic Sea".
Poster
- E:28 J W Lavelle "Dispersion of particulates discharged during deep-sea mining".

MEQC (ctd)

- E:29 T Melvasalo and J Pawlak "Assessing the effects of marine pollution: experience from the Baltic Sea".
- E:30 F A Cross "Planned biomonitoring program by WESTPAC Task Team on Marine Pollution Research and Monitoring, using commercially exploited shellfish as determinants".
- E:31 A Mearns "Fate and effects of contaminants in marine ecosystems of the U.S. west coast with emphasis on Puget Sound, Washington".
- E:32 J P Thomas and J E O'Reilly "Effects of sewage sludge dumping on the consumption of oxygen in the water column at the New York Bight apex disposal site during a sludge tracking and acoustical experiment, 11-16 July 1976".
- E:33 "Report of the Working Group on Marine Pollution Baseline and Monitoring Studies in the North Atlantic, including the Report on the ad hoc Statistical Group to Advise on Trend Monitoring as an Appendix.
- E:34 Ref. Hydrography and Biol.Oceanogr. Cttees "Report of the First Meeting of the Working Group on Marine Sediments in relation to Pollution, Copenhagen, 1-3 June 1981".
- E:35 J Gentile "The effects of chronic mercury exposure on the survival, reproduction, and population dynamics of Mysidopsis bahea".
- E:36 J E Nadeau, D E Ruhlin, K Wisniewski and M G Creaser "Flux of copper, lead, zinc and mercury into Raritan Bay, New Jersey".
- E:37 Ref. Marine Mammals Cttee E Helle "Reproductive trends and occurrence of organochlorines and heavy metals in the Baltic seal populations".
- E:38 J B Frithsen "The bioconcentration of metals by benthic organisms in a marine microcosm".
- E:39 L Despres-Patanjo and R A Murchelano "Results of an initial survey to evaluate fish health in the western North Atlantic".

MEQC (ctd)

- E:40 R A Khan,
J Kiceniuk,
M Dawe and
U Williams "Long-term effects of crude oil on Atlantic cod".
- E:41 P Lassar et
J Devineau "Utilisation de cultures d'algues unicellulaires marines en écotoxicologie".
- E:42 D C Moore "Studies of environmental effects of sewage sludge dumping off the Firth of Forth".
- E:43 A Eleftheriou,
D C Moore,
D Basford and
M R Robertson "Experimental studies on the effects of sewage sludge on a benthic community".
- E:44 L C Massie
et al. "The levels of hydrocarbons in water and sediments in selected areas of the North Sea, and the assessment of their biological effect".
- E:45 H A Saltzmann "An investigation of the rates of biodegradation of aromatic hydrocarbons in marine sediments and the application of this approach to a survey of three North Sea oil-fields".
- E:46 J E Bodammer "The cytopathological effect of copper on the olfactory organs of larval fish (Pseudopleuronectes americanus and Melanogrammus aeglefinus)".
- E:47 D P Scott,
J F Uthe and
C L Chou "Further considerations of time trend determinations of contaminant levels in Canadian cod".
- E:48 J F Uthe,
C L Chou and
D P Scott "The state of art of environmental contaminant trend monitoring using resident biota populations".
- E:49 J F Uthe,
C J Musial
and K Palmork "A report on an intercomparison study of the determination of chlorinated biphenyl (PCB) isomers in fish oil".
- E:50 H C Freeman,
J F Uthe,
G B Sangalang
and E T Garside "Contaminant/liver histopathology in Canadian Atlantic cod (Gadus morhua)".
- E:51 H C Freeman,
G B Sangalang,
G Burns and
M McMenemy "The in vitro effects of dietary di-(2-ethylhexyl) phthalate (DEHP) on the Atlantic cod (Gadus morhua)".

MEQC (ctd)

- E:52 S Tilseth,
T S Solberg and
K Westrheim "Sublethal effects of the water-soluble fraction of Ekofisk crude oil on the early larval stages of cod (Gadus morhua L.)."
- E:53 J P Gouygou
et P Michel "Trois ans après l'"Amoco Cadiz": identification des hydrocarbures persistants".
- E:54 P Michel "Mesure globale des hydrocarbures aromatiques dans les produits marins par HPLC".
- E:55 M Friha
et G Conan "Impact à long terme des pollutions par hydrocarbures de l' "Amoco Cadiz" sur la mortalité des plies (Pleuronectes platessa) dans l'estuaire de l'Aber Benoit".
- E:56 R v.d. Berg,
J M P Buntsma-
Hamers and
B L Verboom "Biodegradability in the marine environment. 1. The chemostat as a model system for the aquatic environment".
- E:57 J F Payne
and L L Fancey "Mixed function oxidase enzyme induction as a biological monitor and indicator in aquatic toxicology: further studies".
- E:58 M Heral
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