

## Contributions to the 2007 Annual Science Conference

### Management Committee for the Advisory Process (MCAP)

MCAP:01	MCAP-MIRAC meeting (January 2007)
MCAP:02	MCAP meeting (February 2007)
MCAP:03	MCAP-MICC (May 2007)

### Advisory Committee on Fishery Management (ACFM)

ACFM:01 Ref. LRC	Working Group on Assessment of New MoU Species [WGNEW] 9–11 January 2007
ACFM:02 Ref. SGMAS, AMAWGC	Study Group on Mixed Fisheries Management [SGMixMan] 15–19 January 2007
ACFM:03 Ref. RMC, PGCCDBS	Workshop on Sexual Maturity Sampling [WKMAT] 15–19 January 2007
ACFM:04 Ref. WKREF, WKEFA, AMAWGC, RMC	Study Group on Management Strategies [SGMAS] 22–26 January 2007
ACFM:05 Ref. AMAGWC, WKEFA	Workshop on Limit and Target Reference Points [WKREF] 29 January–2 February 2007
ACFM:06 Ref. RMC, PGCCDBS	Workshop on Discard Raising Procedures [WKDRP] 6–9 February 2007
ACFM:07	Annual Meeting of Assessment-related Working Group Chairs [AMAWGC] 19 February–23 February 2007
ACFM:08 Ref. ACE, OCC, LRC, CONC	Workshop on the Integration of Environmental Information into Fisheries Management Strategies and Advice [WKEFA] 21–22 February 2007
ACFM:09 Ref. RMC, PGCCDBS	Planning Group on Commercial Catch, Discards and Biological Sampling [PGCCDBS] 5–9 March 2007
ACFM:10 RMC, PGCCDBS	Workshop on Age Reading of Flounder [WKARFLO] 6–9 March 2007
ACFM:11	Herring Assessment Working Group for the Area South of 62°N (HAWG) 13–22 March 2007
ACFM:12	Baltic Salmon and Trout Assessment Working Group [WGBAST] 11–20 April 2007
ACFM:13	Working Group on North Atlantic Salmon [WGNAS] 11–20 April 2007
ACFM:14 Ref. LRC, PGCCDBS	Workshop on the use of UWTV surveys for determining abundance in <i>Nephrops</i> stocks throughout European waters [WKNEPHTV] 17–21 April 2007
ACFM:15	Baltic Fisheries Assessment Working Group [WGBFAS] 17–26 April 2007
ACFM:16	Arctic Fisheries Working Group [AFWG] 18–27 April 2007
ACFM:17	North-Western Working Group [NWWG] 24 April–3 May 2007
ACFM:18	The Working Group on the Assessment of Demersal Stocks in the North Sea and Skagerrak [WGNSSK] 1–8 May 2007
ACFM:19	Fishery Statistics Liaison Working Group [WGSTAL] 2–4 May 2007
ACFM:20	Working Group on the Biology and Assessment of Deep-Sea Fisheries Resources [WGDEEP] (Chair: Paul Marchal, France) 8–15 May 2007
ACFM:21	The Working Group on the Assessment of Southern Shelf Stocks of Hake, Monk and Megrin [WGHMM] 8–17 May 2007
ACFM:22	Working Group on the Assessment of Northern Shelf Demersal Stocks [WGNSDS] (Chair: R. Scott, UK) 8–17 May 2007
ACFM:23	Joint EIFAC/ICES Working Group on Eels [WGEEL] May 2007
ACFM:24 Ref. RMC, PGCCDBS	Workshop on Using Fishers to Sample Catches [WKUFS] 5–6 June 2007

ACFM:25 Ref. ACE, OCC, LRC, CONC	Workshop on the Integration of Environmental Information into Fisheries Management Strategies and Advice [WKEFA] 18–22 June 2007
ACFM:26 Ref. RMC, PGCCDBS	Workshop on Sexual Maturity Staging of Mackerel and Horse Mackerel [WKMSMAC] 18–22 June 2007
ACFM:27 Ref. LRC	Working Group Elasmobranch Fishes [WGEF] 22–28 June 2007
ACFM:28	Working Group on the Assessment of Southern Shelf Demersal Stocks [WGSSDS] 26 June–5 July 2007
ACFM:29	Northern Pelagic and Blue Whiting Fisheries Working Group [WGNPBW] 27 August–1 September 2007
ACFM:30	Working Group on the Assessment of Demersal Stocks in the North Sea and Skagerrak [WGSSK] by correspondence in September 2007
ACFM:31	Working Group on the Assessment of Mackerel, Horse Mackerel, Sardine and Anchovy [WGMHSA] 4–13 September 2007
ACFM:32	Pandalus Assessment Working Group [WGPAND] 24 October –1 November 2007
ACFM:33 Ref. RMC, PGCCDBS	Workshop on Sexual Maturity Staging of Cod, Whiting, Haddock and Saithe [WKMSCWHS] 20–23 November 2007
ACFM:34 Ref. RMC, PGCCDBS	Workshop on Sexual Maturity Staging of Hake and Monk [WKMSHM] 21 to 24 November 2007
ACFM:35 Ref. RMC, PGCCDBS	Workshop on Age Reading of Red Mullet [WKARRM] 4 days in 2007
ACFM:36 Ref. RMC, PGCCDBS	Workshop on Age Reading of Roundnose Grenadier [WKARRG] 4 days in 2007
ACFM:37 Ref. LRC	Working Group on Harp and Hooded Seals (WGHARP) work by correspondence in 2007
ACFM:38	<i>Ad hoc</i> Group on Sandeel
ACFM:39	Study Group on Real Time Management and Harvest Control Rules for Norway Pout in the North Sea and Skagerrak (AGNOP)
ACFM:40	<i>Ad hoc</i> Sandeel group AGSAN

#### Advisory Committee on the Marine Environment (ACME)

ACME:01 Ref. OSPAR SIME, OSPAR ASMO	ICES/OSPAR Workshop on Integrated Monitoring of Contaminants and their Effects in Coastal and Open-sea Areas [WKIMON III] 16–18 January 2007
ACME:02 Ref. MHC, OCC	ICES/OSPAR/HELCOM Steering Group on Quality Assurance of Biological measurements [STGQAB] 13–15 February 2007
ACME:03	ICES/HELCOM Steering Group on Quality Assurance of Chemical measurements [STGQAC] 19–21 March 2007
ACME:04	ICES/IOC/IMO Working Group on Ballast and Other Ship Vectors [WGBOSV] 19–21 March 2007
ACME:05	ICES Working Group on Introduction and Transfers of Marine Organisms [WGITMO] 22–23 March 2007

#### Advisory Committee on Ecosystems (ACE)

ACE:01 Ref. LRC	Working Group on Deep-water Ecology [WGDEC] 26–28 February 2007
ACE:02 Ref. ACFM	Working Group for Regional Ecosystem Description [WGRED] 19–23 February 2007
ACE:03	Working Group on Marine Mammal Ecology [WGMME] 27–30 March 2007
ACE:04	Working Group on Ecosystem Effects of Fishing Activities [WGECO] 11–18 April 2007
ACE:05 Ref. WGFAS	Study Group on Effects of Sound in the Marine Environment [SGESME] meet by correspondence in 2007
ACE:06	<i>Ad hoc</i> Group on Western Irish Natura Sites [AGWINS]

**Consultative Committee (CONC)**

CONC:01	Consultative Committee [ConC]
CONC:02, Ref. All Science Cttees & All Advisory Cttees	Working Group on Data and Information Management [WGDIM]

**Baltic Committee (BCC)**

BCC:01 Ref. ACE	Study Group on Baltic Ecosystem Health Issues [SGEH]
BCC:02	Study Group on Baltic Sea Productivity [SGPROD]
BCC:03	ICES/BSRP Workshop on Recruitment Processes of Baltic Sea herring stocks [WKHRPB]
BCC:04 Ref. HELCOM MONAS	ICES/HELCOM Working Group on Integrated Assessments of the Baltic Sea [WGIAB]
BCC:05	ICES-IOC-SCOR Working Group on GEOHAB Implementation in the Baltic [WGGIB]
BCC:06	Study Group on Baltic Fish and Fisheries Dynamics [SGBFFD]

**Diadromous Fish Committee (DFC)**

DFC:01 Ref. WGNAS, ACFM	Study Group on Establishing a Frame-work of Indicators of Salmon Stock Abundance [SGEFISSA]
DFC:02 Ref. WGNAS, ACFM & LRC	Workshop on the Development and Use of Historical Salmon Tagging Information from oceanic areas [WKDUHSTI]
DFC:03 Ref. BCC	Study Group on Salmon Age Determination [SGSAD]

**Fisheries Technology Committee (FTC)**

FTC:01 Ref. ACFM	Workshop on <i>Nephrops</i> Selection [WKNEPHSEL]
FTC:02	Study Group on the Development of Fish Pots for Commercial Fisheries and Survey Purposes [SGPOT]
FTC:03	Study Group on Catch Comparison Methods and Analysis [SGCOMP]
FTC:04	Study Group on Survey Trawl Standardisation [SGSTS]
FTC:05	Study Group on Fisheries Optical Technologies [SGFOT]
FTC:06 Ref. ACFM	ICES/FAO Working Group on Fishing Technology and Fish Behaviour [WGFTFB]
FTC:07 Ref. SGUFM, WGFTFB, & all Stock Assessment WGS	Workshop on Unaccounted Fishing Mortality [WKUFM 2]
FTC:08 Ref. ACFM, ACE	Joint Workshop of the ICES-FAO Working Group on Fishing Technology and Fish Behaviour [WGFTFB] and the Working Group on Fisheries Acoustics Science and Technology [WGFAST] [JFATB]
FTC:09 ACE	Working Group on Fisheries Acoustics Science and Technology [WGFAST]
FTC:10	Study Group on Fish Avoidance of Research Vessels [SGFARV]
200FTC:11 Ref. WGFAST	Planning Group on the HAC Data Exchange Format [PGHAC]

FTC:12 Ref. WGFTFB & all stock assessment Working Groups	Study Group on Unaccounted Fishing Mortality [SGUFM]
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#### Living Resources Committee (LRC)

LRC:01 Ref. RMC, HAWG & ACFM	Planning Group for Herring Surveys [PGHERS]
LRC:02	ICES/GLOBEC Workshop on Long-term Variability in SW Europe [WKLTVSWE]
LRC:03 ACE, ACFM	Working Group on Fish Ecology [WGFE]
LRC:04 ACFM, ACE	ICES/GLOBEC Working Group on Life Cycle and Ecology of Small Pelagic Fish [WGLESP]
LRC:05 ACE	Working Group on Seabird Ecology [WGSE]
LRC:06 ACFM	Working Group on Baltic International Fish Survey [WGBIFS]
LRC:07 ACFM	Study Group on Recruitment Variability in North Sea Planktivorous Fish [SGRECVAP]
LRC:08	Working Group on <i>Crangon</i> Fisheries and Life History [WGCRAN]
LRC:09	Study Group on the Biology and Life History of Crabs [SGCRAB]
LRC:10	Workshop on Testing the Entrainment Hypothesis [WKTEST]
LRC:11 Ref. RMC, ACFM, & WGNSSK	Working Group on Beam Trawl Surveys [WGBEAM]
LRC:12	Stock Identification Methods Working Group [SIMWG]
LRC:13 RMC	2006/2/LRC13 The Planning Group on North Sea Cod and Plaice Egg Surveys in the North Sea [PGEGBS] (Chair: C. Fox, UK) will work by correspondence during 2006–2007
LRC:14 RMC	Working Group on Mackerel and Horse Mackerel Egg Surveys [WGMEGS]
LRC:15 ACFM, ACE	Working Group on Cephalopod Fisheries and Life History [WGCEPH]
LRC:16 ACFM	Working Group on Acoustic and Egg Surveys for Sardine and Anchovy in ICES areas VIII and IX [WGACEGG]

#### Mariculture Committee (MCC)

MCC:01 ACME	Working Group on Marine Shellfish Culture [WGMASC]
MCC:02 ACME	Working Group on Environmental Interactions of Mariculture [WGEIM]
MCC:03 Ref. DFC, ACME and ACE (WGECO)	Working Group on the Application of Genetics in Fisheries and Mariculture [WGAGFM]
MCC:04 Ref. ACME, and MHC	Working Group on Pathology and Diseases of Marine Organisms [WGPDMO]
MCC:05	Working Group on Marine Fish Welfare [WGMAFW]

Ref. DFC, & ACME	
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#### Marine Habitat Committee (MHC)

MHC:01 Ref. ACME, & ACE	Study Group on the North Sea Benthos Project 2000 [SGNSBP]
MHC:02 Ref. ACME	Working Group on Statistical Aspects of Environmental Monitoring [WGSAEM]
MHC:03 Ref. ACME	Working Group on Biological Effects of Contaminants [WGBEC]
MHC:04 Ref. OCC & ACME	Working Group on Marine Chemistry [MCWG]
MHC:05 Ref. ACME	Working Group on Marine Sediments in Relation to Pollution [WGMS]
MHC:06 Ref. ACFM, ACE & ACME	Workshop on Fisheries Management in Marine Protected Areas [WKFMMPA]
MHC:07 Ref. FTC, & ACE	Working Group on Marine Habitat Mapping [WGMHM]
MHC:08 Ref. ACME	Working Group on the Effects of Extraction of Marine Sediments on the Marine Ecosystem [WGEXT]
MHC:09 Ref. ACME & ACE	Working Group on Integrated Coastal Zone Management [WGICZM]
MHC:10 Ref. ACE	Benthos Ecology Working Group [BEWG]
MHC:11 Ref. LRC, BEWG & ACE	Study Group on Biodiversity Science [SGBIODIV]

#### Oceanography Committee (OCC)

OCC:01	Planning Group on Phytoplankton and Microbial Ecology (PGPYME)
OCC:02	Planning Group on Operational Oceanographic Products [PGOOP]
OCC:03	Working Group on Modelling Physical Biological Interactions [WGPBI]
OCC:04 Ref. ACE, & ACME	Working Group on Zooplankton Ecology [WGZE]
OCC:05 Ref. ACE, & ACME	Working Group on Oceanic Hydrography [WGOH]
OCC:06 Ref. ACME	ICES-IOC Working Group on Harmful Algal Bloom Dynamics [WGHABD]
OCC:07	ICES-IOC Steering Group on GOOS [SGGOOS]
OCC:08 Ref. LRC, RMC, MHC & ACE, ACFM, ACM	Planning Group for the North Sea Pilot Project NORSEPP [PGNSP]
OCC:09 Ref. ACE & ACFM	ICES/GLOBEC Working Group on Cod and Climate Change [WGCCC]

OCC:10 Ref. ACE & ACME	Joint WGZE/CIESM Workshop to compare Zooplankton Ecology and Methodologies between the Mediterranean and the North Atlantic (WKZEM)
OCC:11	Working Group on Recruitment Processes [WGRP]
OCC:12	Workshop on the Significance of Changes in Surface CO <sub>2</sub> and Ocean pH in ICES Shelf Sea Ecosystems [WKCpH]

#### Resource Management Committee (RMC)

RMC:01 Ref. NWWG, & ACFM	2006/Study Group on Redfish Stocks [SGRS]
RMC:02 LRC, ACFM, ACE, ACME	Study Group on Risk Assessment and Management Advice [SGRAMA]
RMC:03 Ref. ACFM, ACE	Study Group on Fisheries Induced Adaptive Change [SGFIAC]
RMC:04 Ref. ACFM	Working Group on Methods of Fish Stock Assessments [WGMG]
RMC:05 Ref. ACFM	International Bottom Trawl Survey Working Group [IBTSWG]
RMC:06 Ref. ACFM	Working Group on Fishery Systems [WGFS]
RMC:07 Ref. LRC, ACFM, ACE	Planning Group on Northeast Atlantic Pelagic Ecosystem Surveys [PGNAPES]
RMC:08 Ref. ACFM	Working Group on Multispecies Assessment Methods [WGSAM]
RMC:09	Study Group on Age-length Structured Assessment Models [SGASAM]
RMC:10 Ref. LRC	Workshop on Taxonomic Quality Issues in the DATRAS Database [WKTQD]
RMC:11 Ref. LRC, ACFM	Workshop on the use of FLR for fish stock assessments [WKFLR]
RMC:12 Ref. NWWG, & ACFM	Study Group on Redfish Stocks [SGRS] (They are meeting twice)

## List of Theme Sessions

## Theme Session on Structure and dynamics of the benthos in ICES waters (A)

ICES 2007/ CM Code	Paper/Poster	Authors	Title
A:01	Paper	P. Durán Muñoz, M. Sacau, M. Sayago-Gil, T. Patrocinio, L. M. Fernández-Salas, F. J. Murillo, V. Díaz del Río, A. Serrano, and S. Parra	ECOVUL/ARPA (Estudio de los eCOsistemas VULnerables y los ARtes de Pesca): A Spanish Interdisciplinary Research Project focused on the Study of the Hatton Bank Deep-Sea Fisheries (ICES XIIb & VIb1) and their Relationship with Vulnerable Ecosystems/Habitats, integrating Fisheries Biology, Marine Geology, Benthic Ecology and Sedimentology
A:02	Paper	Pablo Munguia and Richard Osman	Dominance and community thresholds in Long Island Sound benthic communities
A:03	Paper	S. Vaz, R. ter Hofstede, J. Martin, J.-M. Dewarumez, Y. Verin, D. Le Roy, H. Heessen, and N. Daan	Benthic invertebrates community structure inferred from bottom trawl hauls observations and its relationships to abiotic conditions in the southern North Sea
A:04	Paper	S. Degraer, E. Verfaillie, W. Willems, E. Adriaens, M. Vincx, and S. Degraer	Habitat suitability as a modelling tool for macrobenthic communities: An example from the Belgian part of the North Sea
A:05	Paper	A. Jordaan, M. G. Frisk, N. H. Wolff, L. S. Incze, and L. Hamlin	Structure of fish assemblages along the Northeastern United States based on trawl survey data: indicators of biodiversity and a basis for ecosystem and area-based management
A:06	Paper	I. Kröncke and 28 co-authors	Changes in North Sea macrofauna communities between 1986 and 2000
A:07	Paper	J. R. Ellis, T. Maxwell, M. Schratzberger, K. Warr and S. I. Rogers	Small-scale heterogeneity in the mobile macro-epifauna associated with mud, sand and coarse habitats
A:08	Paper	Wouter Willems, H. Rees, M. Vincx, P. Goethals, and S. Degraer	Relations and interactions between environmental factors and biotic properties
A:09	Paper	Ine Moolaert, Kris Hostens, Hans Hillewaert, and Jan Wittoeck	Spatial variation of the macrobenthos species and communities of the Belgian Continental Shelf and the relation to environmental variation.
A:10	Paper	Henning Reiss <i>et al.</i>	Infauna, epifauna and demersal fish in the North Sea: community patterns and underlying processes
A:11	Withdrawn		
A:12	Paper	Ine Moolaert and Kris Hostens	Post-extraction evolution of a macrobenthic community on the

			intensively extracted Kwintebank site in the Belgian part of the North Sea
A:13	Paper	J. Laurent, M.-H. Rondeau, D. Grelon, M.-J. Leblanc, P. Archambault, and M.-L. Larrivée.	Development of a sea cucumber ( <i>Cucumaria frondosa</i> ) commercial fishery: evaluation of short-term impact of dredging on the north coast of Gaspé (Québec, Canada) ecosystem.
A:14	Paper	Ulrich Damm	Observations on macrobenthos from a beam trawl survey in the German Bight
A:15	Paper	Inês Cardoso, José Pedro Granadeiro, and Henrique N. Cabral	Benthic macroinvertebrates vertical distribution – The influence of tidal cycle
A:16	Paper	J. A. Lindley and R. R. Kirby	Long-term changes in the meroplankton of the North Sea
A:17	Paper	Eike Rachor	North Sea Benthic Communities by 2000
A:18	Paper	E. Vanden Berghe	The ICES North Sea Benthos Project 2000: data management issues, outcomes and recommendations.
A:19	Paper	P.J. Kershaw, C. Mason, H. Hillewaert, and G. Irion	The ICES North Sea Benthos Project 2000: sediment characterization and trace metal concentrations in sediments from the North Sea.
A:20	Paper	J. D. Eggleton, B. K. Smith, H. Reiss, E. Rachor, E. Vanden Berghe, and H. L. Rees.	The ICES North Sea Benthos Project 2000: species distributions and changes (1986–2000)
A:21	Paper	H. L. Rees, E. Rachor, E. Vanden Berghe, J. Aldridge, M. Bergman, T. Bolam, S. Cochrane, J. Craeymeersch, S. Degraer, N. Desroy, J.-M. and Dewarumez, G.	The ICES North Sea Benthos Project 2000: aims, outcomes and recommendations.
A:22	Poster	Marianne E. McNamara, Darcy J. Lonsdale, and R. M. Cerrato	Impact of Predation by the Ctenophore <i>Mnemiopsis leidyi</i> on Larval Mortality of the Hard Clam, <i>Mercenaria mercenaria</i> in Long Island Estuaries
A:23	Poster	J. R. Ellis, G. Burt and S. I. Rogers	Epifaunal sampling in the Celtic Sea
A:24	Poster	B. I. Berenboim, N. A. Anisimova, I. E. Manushin, and P. A. Lubin	Barents Sea benthos survey, 2003–2006
A:25	Poster	Byoung Sub. Kim, Seong Ho. Seo, and Im Ho. Choi	Distribution of Invertebrates on artificial reefs along South-eastern Coast of Jeju Island, Korea
A:26	Poster	Lis Lindal Jørgensen, Raul Primicerio, Ole Jørgen Lønne and Arne Hassel	Fishery impact on demersal fish prey in the Barents Sea



A:27	Poster	Im Ho Choi, Seong Ho Seo, and Byoung Sub Kim	Distribution patterns of benthic macro-invertebrate in the artificial reef settled in the Southwestern waters, Korea
A:28	Poster	Inês Cardoso, José Pedro Granadeiro and Henrique N. Cabral	Benthic prey quantity and quality in the main mudflat feeding areas of the Tagus estuary: implications for bird and fish populations
A:29	Poster	Diana Dziaduch	A new appearance of the benthic amphipod <i>Dyopodos monacanthus</i> (Metzger, 1875) in the southern Baltic Sea, the first record in the Slupsk Furrow

**Theme Session on Integrating observations and models to improve predictions of ecosystem response to physical variability (B)**

ICES 2007 CM/CM Code	Paper/Poster	Authors	Title
B:01	Paper	Sukgeun Jung, Young Shil Kang, Young-Sang Suh, Joon-Yong Yang, Jinyeong Kim, and Yeong Gong	Spatial variability in oceanographic conditions of sea waters off Korea in relation to the regional climate changes during the past 40 years
B:02	Paper	Brian R. MacKenzie and Doris Schiedek	Daily ocean monitoring since the 1860s shows record warming of northern European seas
B:03	Paper	Marcos Llope and Ricardo Anadón	Sea surface warming in the southern Bay of Biscay modulated by oceanic advection
B:04	Paper	Vona Méléder, Jacques Populus, Anouar Hamdi, and Brigitte Guillaumont	Predictive modelling of subtidal kelp forests. Brittany coast (France) case study
B:05	Paper	Trisha L. Amundrud and A. G. Murray	Validating particle tracking models of sea lice dispersion in Scottish Sea Lochs
B:06	Paper	H. Hatun, J. Arge, and A. B. Sandø	Environmental influence on the spawning distribution and migration pattern of northern blue whiting ( <i>Micromesistius poutassou</i> )
B:07	Paper	G. O. Johansen, M. Skogen, O. R. Godø, and T. Torkelsen	Predicting recruitment of 0-group gadoids in the Barents Sea – critical interaction between models and observations

B:08	Paper	V. Valencia, A. Fontán, L. Ferrer, J. Mader, and M. González.	Operational oceanography and numerical models in the Basque Coast (SE Bay of Biscay). New implementations and future work
B:09	Paper	Wilhelm Petersen	Primary production in the Southern North Sea. – Estimations from continuous oxygen measurements by a FerryBox
B:10	Paper	Christian Mohn and Martin White	Mechanisms of bio-physical coupling at submarine bank ecosystems
B:11	Paper	Rubao Ji, Cabell Davis, Changsheng Chen, David Townsend, David Mountain, and Robert Beardsley	Modeling the influence of North Atlantic freshening on phytoplankton dynamics in the Nova Scotian Shelf and Gulf of Maine region
B:12	Paper	Sarah Hinckley, C. Parada, B. Ernst, L. Orensanz, D. Armstrong, E. Curchitser, and A. Hermann	Settlement patterns of snow crab associated with warm and cold years in the Eastern Bering Sea
B:13	Paper	Sarah Hinckley, A. J. Hermann, K. Coyle, and W. Cheng	Sensitivity of the timing of the phytoplankton bloom in a 3D biophysical model of the Gulf of Alaska (GOA) to salinity stratification
B:14	Paper	Henning Wehde, Dominique Durand, Jo Høkedal, Pierre Jackard, and Kai Sørensen	Improvement of process understanding through the use of high frequent Ferrybox observations
B:15	Paper	Irina Alekseeva, C. Schrum, R. Diekmann, and M. St. John	Creation of synergy effects for understanding long-term ecosystem variability: ECOSMO model results vs. Continuous Plankton Recorder data
B:16	Paper	Jon H. Vølstad, Mary Christman, Edward D. Weber, Danny Lewis, and Jodi Dew	Modeling spatial and temporal variability in the population dynamics of eastern oysters ( <i>Crassostrea virginica</i> ) in Chesapeake Bay as a function of salinity and weather conditions
B:17	Paper	H. Cannaby, M. Cure, K. Lyone, and G. Nolan	Near-real time validation of an operational hydrographic model

B:18	Withdrawn		
B:19	Paper	John Siddorn, Icarus Allen, Roger Proctor, Jason Holt, and Martin Holt	Some assessment of a coupled physical-biochemical model for shelf seas
B:20	Poster	Eckhard Bethke, Anne Sell, and Hans-Joachim Rätz	A simple approach for the estimation of food consumption from growth rates at different environmental conditions and its application to data of juvenile cod ( <i>Gadus morhua</i> L.) of a fjordic sea loch at the west coast of Scotland.
B:21	Poster	Oleg V. Titov, Victor A. Ivshin, Alexander G. Trofimov, and Vladimir K. Ozhigin	Long-term variations in the Barents Sea frontal zones according to the data on oceanographic observations and model calculations
B:22	Poster	Alexander G. Trofimov, Tatiana A. Prokhorova, and Vladimir K. Ozhigin	The influence of water dynamics on the distribution of 0-group herring in the Barents Sea
B:23	Poster	Tenno Dreves, Andres Jaanus, and Arno Pöllumäe	Catch per unit of effort and growth of flounder ( <i>Platichthys flesus</i> ): impact of temperature
B:24	Poster	John Aldridge, S. Painting, R. Parker, D. Mills, and P. Kershaw	Key processes driving benthic-pelagic coupling in the North Sea: linkages between fieldwork and modelling for a new observational programme
B:25	Poster	Sarah L. Hughes	Physical variability in the northern North Sea: model validation
B:26	Poster	A.G. Arkhipov, P.P. Chernyshkov, and N.A. Diansky	Use of hydrodynamic model of mesoscale processes for investigation of pelagic fish eggs and larvae in the Canary upwelling area
B:27	Poster	M. A. Langston, D. Beare, K. Brander, A. Kellermann, A. J. Kenny, A. D. Perkins, and G. L. Rogers	Real-time analysis and visualization of complex marine ecosystem relationships: a case study using North Sea historical data

**Theme Session on Developing the ecosystem approach to the management of human activities for the Baltic Sea (C)**

<b>ICES CM 2007/ CM Code</b>	<b>Paper/Poster</b>	<b>Authors</b>	<b>Title</b>
C:01	Paper	Hermann Backer, Anne Christine Brusendorff, Kaj Forsius, Juha-Markku Leppänen, Kaj Forsius, and Monika Stankiewicz	Implementation of ecosystem approach to the management of human activities in the Baltic Sea by the Helsinki Commission
C:02	Paper	Taina Ihaksi, S. Kuikka, I. Helle, and T. Lecklin	Using biological knowledge and decisions of society in spatial prioritization of oil combating
C:03	Paper	Piotr Margoński, Bärbel Müller-Karulis, Arno Põllumäe, Solvita Strake, and Georgs Kornilovs	Zooplankton indicators of eutrophication and productivity for the Baltic Sea
C:04	Paper	Outi Heikinheimo	Average salinity as an index for environmental forcing on cod recruitment in the Baltic Sea
C:05	Paper	Evald Ojaveer, Eugeniusz Andrulowicz, and Margers Kalejs	Natural and anthropogenic background for development of ecosystem-based management in the Baltic Sea
C:06	Paper	Eugeniusz Andrulowicz	Some results of the ICES/BSRP SGEH approach to ecosystem-based management of the Baltic Sea
C:07	Paper	E. Lindén, A. Lehtikoinen, S. Kuikka, R. Aps, J. Kotta, G. Martin, T. Saat, H. Pitkänen, A. Räsänen, P. Korpinen, T. Stipa, S. Kaitala, A. Jolma, and P. Sinivuori	EVAGULF – Protection of aquatic communities in the Gulf of Finland: risk-based policymaking
C:08	Withdrawn		
C:09	Paper	Sergey Aleksandrov, O. Dmitrieva, N. Zhigalova, V. Lidvanov, and A. Fedorov	Structure and functioning of plankton communities in the Baltic Sea along the scheduled route pipeline “Nord Stream”
C:10	Paper	Robert Aps, J. Kotta, R. Leiger, G. Martin, T. Saat, Ü. Suursaar, and E. Tulk	Net Environmental Benefit Analysis - linking ecological values in the decision making process on oil spill response in the Gulf of Finland (Baltic Sea)

C:11	Paper	Outi Heikinheimo	Interactions between cod, herring and sprat in the Baltic Sea, simulated with a robust dynamic model
C:12	Paper	Olavi Stenman	How does catching of grey seal ( <i>Halichoerus grypus</i> ) from the Bothnian Bay spring ice influence the population structure of seals and the local fish stocks
C:13	Paper	V.N. Feldman and S.M Kasatkina	Improvements of acoustic survey to support ecosystem-based management of marine resource for the Baltic Sea
C:14	Withdrawn		
C:15	Paper	Sergey Golubkov	Dynamics of biodiversity in the eastern Gulf of Finland (Baltic Sea): the role of climatic and anthropogenic factors
C:16	Paper	Aarno T. Kotilainen, Viktoras Didziulis, Jyrki Hämäläinen, Jouni Leinikki, Panu Oulasvirta, and Anu M. Reijonen	Mapping and Classifying the Marine Habitats of the Archipelago Sea, the northern Baltic Sea
C:17	Paper	Pauli Snoeijs, Kaisa Kononen, and Christopher C. E. Hopkins	What did Baltic Sea science produce in the years 2002-2006 and what did it cost?
C:18	Paper	Bärbel Müller-Karulis, Christian Möllmann, Rabea Diekmann, Juha Flinkman, Georgs Kornilovs, Maris Plikshs, Anna Gårdmark, Piotr Margonski, and Philip Axe,	Analyses of ecosystem state and development as a basis for ecosystem-based management of the Baltic Sea – results of the ICES/HELCOM Working Group on Integrated Assessments of the Baltic Sea
C:19	Paper	Christian Möllmann	A strategy for Ecosystem-Based Fisheries Management of the Central Baltic Sea based on the available knowledge of ecosystem functioning
C:20	Paper	Jan Thulin and Andris Andrushaitis	Implementation of the Large Marine Ecosystem Concept in the Baltic Sea
C:21	Paper	Michael Olsen	The mutual dependence between productivity and community respiration of a summer system in the Baltic Proper
C:22	Poster	Vadim Panov and Stephan Gollasch	The new European on-line journal “Aquatic Invasions”: services for management of aquatic invasive species in the Baltic Sea area

C:23	Poster	Timo Arula, Ain Lankov, Heli Shpilev, and Evald Ojaveer	Abundance dynamics of herring larvae in the NE Gulf of Riga (Baltic Sea) in 1947–2005 and its relation to stock recruitment
C:24	Poster	Anetta Ameryk and Zbigniew Witek	Impact of anthropogenic and non-anthropogenic factors influencing bacterial productivity of the southern Baltic Sea coastal waters
C:25	Poster	Igor M. Belkin and Peter C. Cornillon	Baltic Sea thermal fronts from satellite data

**Theme Session on Comparative marine ecosystem structure and function: Descriptors and characteristics (D)**

<b>ICES CM 2007/ CM Code</b>	<b>Paper/Poster</b>	<b>Authors</b>	<b>Title</b>
D:01	Paper	S. Mackinson, G. Daskalov, H. Aranciba, F. Arreguin-Sanchez, and L. Shannon	Which forcing factors fit? Relative influence of climate and fishing on the dynamics of gadoids in marine ecosystems
D:02	Paper	R. Suryan., M. Frederiksen, S. Wanless, B. Wallace, V. Saba, and S. Hatch	Environmental forcing of life history strategies: Multi-trophic level response at ocean basin scales
D:03	Paper	Jari-Pekka Pääkkönen, H. Peltonen, J. Flinkman, M. Karjalainen, and Markku Viitasalo	Ecosystem state and trophic interactions between phytoplankton, micro- and mesozooplankton and planktivorous fish in the Gulf of Finland, Baltic Sea
D:04	Paper	Franz J. Mueter and George L. Hunt, Jr.	The Eastern Bering Sea shelf: a highly productive seasonally ice-covered sea
D:05	Paper	Fabio Pranovi and Jason Link	Comparative analysis of trophic webs of South New England and Northern Adriatic Sea
D:06	Paper	Ken Drinkwater, Cecilie Broms, Kevin Friedland, Jon Hare, George Hunt, Webjørn Melle, Franz Mueter, and Maureen Taylor	Comparison of 4 Northern Hemisphere regions: Physical oceanographic responses to recent climate variability
D:07	Paper	Franz Mueter, Cecilie Broms, Ken Drinkwater, Kevin Friedland, Jon Hare, George Hunt, Webjørn	Comparison of 4 Northern Hemisphere regions: Ecosystem responses to recent oceanographic variability

		Melle, and Maureen Taylor	
D:08	Paper	A. V. Dolgov	Trophic structure of the Barents Sea fish community with the special reference to the cod stock recovery ability
D:09	Paper	Jason S. Link <i>et al.</i>	A comparison of biological trends from four marine ecosystems: synchronies, differences, and commonalities
D:10	Paper	Bernard A. Megrey, Jon Hare, Are Dommasnes, Harald Gjøsæter, William Stockhausen, William Overholtz, Sarah Gaichas, Georg Skaret, and Jannike Falk-Petersen	A cross-ecosystem comparison of temporal variability in recruitment of functionally analogous fish stocks
D:11	Paper	Sarah Gaichas <i>et al.</i>	A comparison of community and trophic structure in four marine ecosystems based on energy budgets and system metrics
D:12	Paper	Sarah Gaichas, Bernard A. Megrey, and Franz Mueter	The Gulf of Alaska Continental Shelf: physics, food webs, and fisheries
D:13	Paper	Andrei S. Krovnin and George P. Moury	The climate variations in the North Atlantic and North Pacific in 2000–2007 compared with the 2nd half of the XX century
D:14	Paper	R. Ian Perry, William R. Crawford, and Alan F. Sinclair	Comparative analysis of Canadian Pacific North Coast and Strait of Georgia marine ecosystems
D:15	Paper	Alida Bundy, Sheila J.J. Heymans, Lyne Morissette, and Claude Savenkoff	Seals, cod and forage fish: a comparative exploration of variations in the theme of stock collapse and ecosystem change in NW Atlantic ecosystems
D:16	Paper	Marie-Joëlle Rochet, Verena M. Trenkel, and Jacques A. Bertrand	Do population and community metrics tell the same story about recent changes in Western Mediterranean fish communities?
D:17	Paper	Geir Ottersen and Nils Chr. Stenseth	Inter-regional comparison of climate effects on marine fish populations facilitated through classification of mechanisms
D:18	Paper	Lyne Morissette, Torstein Pedersen, and Marianne Nilssen	Comparing pristine and depleted ecosystems : the Gulf of St. Lawrence, Canada vs. the Soerfjord, Norway. Effects of intense fisheries on marine ecosystems
D:19	Paper	Catherine S. Longo, Marie-Joëlle Rochet,	Fishing effects on fish species diversity in different environmental scenarios: a

		Francesco Colloca, Graham J. Pierce, Fabrizio Serena, and Simon P. R. Greenstreet	comparison of case-studies in Scottish, French and Italian waters
D:20	Paper	K. Sherman, I. Belkin, and J. O'Reilly	Variability of Large marine Ecosystems in response to global climate change
D:21	Paper	Igor M. Belkin and Peter C. Cornillon	Fronts in the World Ocean's Large Marine Ecosystems
D:22	Paper	Chang Ik Zhang, Jae Bong Lee, Sun Kil Lee, and Bernard A. Megrey	Structure and function of three marine ecosystems in Korea: A comparative study
D:23	Paper	K. Drinkwater, W. Melle, and H. Loeng	Climate variability and the ecosystems of the Barents and Norwegian Seas
D:24	Poster	Bradley J. Peterson, Charles C. Wall, and Christopher J. Gobler	A Light in Murky Waters: Bivalve Filtration Facilitates Growth of Eelgrass in a Eutrophied Environment
D:25	Poster	A.J. Kenny and G.H. Engelhard	Examining the relative significance of ocean climate forcing, fishing pressure, fish landings, and TACs on the status of commercial fish populations in the southern North Sea
D:26	Poster	N. McQuaid, R.P. Briggs, and D. Roberts	Estimation of fecundity in <i>Nephrops norvegicus</i> (L.) from the Irish Sea
D:27	Paper	Jason Link, Kevin Friedland, Jon Hare, William Overholtz, and Maureen Taylor	An orientation to the Gulf of Maine-Georges Bank ecosystem
D:28	Withdrawn		
D:29	Poster	Mariusz Zalewski, Zbigniew Witek, and Magdalena Wielgat-Rychert	Ecosystem of the Vistula Lagoon in the light of results obtained in mathematical modelling
D:30	Poster	Suzanne Painting, R. Forster, N. Greenwood, O. Mikkelsen, R. Parker, L. Fernand, and P. Kershaw	Structure and function of pelagic and benthic food webs at 3 ecohydrodynamically distinct sites in the North Sea
D:31	Poster	Benjamin Kürten, S. Painting, U. Strück, and N. Polunin	Food web structure at 3 contrasting sites in the North Sea
D:32	Poster	Igor M. Belkin and John E. O'Reilly	Satellite climatology of SST and chlorophyll fronts in the Northeast U.S. large marine ecosystem



D:33	Poster	Igor M. Belkin and John E. O'Reilly	Propagation of temperature-salinity anomalies along North America's eastern seaboard
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**Theme Session on Marine biodiversity: A fish and fisheries perspective (E)**

<b>ICES CM 2007/ CM Code</b>	<b>Paper/Poster</b>	<b>Authors</b>	<b>Title</b>
E:01	Paper	J Steele, J Collie, D Gifford, M Fogarty, and J. Link	Species versus functional diversity in a fish community
E:02	Paper	Alexander Novoselov	The fish biodiversity of the Kara Bay
E:03	Paper	Inge Bødker Enghoff, Brian R. MacKenzie, and Einar Eg Nielsen	The Danish fish fauna during the warm Atlantic period (ca. 7,000–3,900 BC): forerunner of future changes?
E:04	Paper	Anna Kuparinen, Robert B. O'Hara, and Juha Merilä	Detecting fisheries-induced evolution in natural fish populations
E:05	Paper	G. Almqvist, K. E. Skora, and M. Appelberg	Shortage of spawning habitats hampers spreading rate of the invasive round goby in southern Baltic Sea?
E:06	Paper	Włodzimierz Grygiel and Kordian Trela	Appearance of the 'visiting' fish species in the Polish research catches conducted in the southern Baltic (autumn-winter 1976–2004)
E:07	Paper	Jake Rice	Marine biodiversity – two remaining challenges
E:08	Paper	E.M. Karasiova and V.M. Ivanovich	Seasonal and year-to-year variability of ichthyoplankton assemblage diversity indices in the coastal zone of the south-eastern Baltic under the influence of spatio-temporal environmental dynamics
E:09	Paper	H. O. Fock	Deep-sea pelagic ichthyonekton diversity in the Atlantic Ocean and the adjacent sector of the Southern Ocean
E:10	Paper	Anu Albert	Spatial variation in size distribution of two freshwater species, European perch ( <i>Perca fluviatilis</i> L.) and roach ( <i>Rutilus rutilus</i> L.), in the shallow coastal area of the NE Baltic Sea

E:11	Paper	Brian R. MacKenzie, Henrik Gislason, Christian Möllmann, and Friedrich W. Köster	Impact of 21st century climate change on the Baltic Sea fish community and fisheries
E:12	Paper	Brian R. MacKenzie and Ransom A. Myers	The development of the northern European fishery for north Atlantic bluefin tuna <i>Thunnus thynnus</i> during 1900–1950
E:13	Paper	Sebastian S. Uhlmann and Matt K. Broadhurst	Mortality of discards from southeastern Australian estuarine fishing gears: implications for improved resource management
E:14	Paper	E.M. Karasiova	The seasonal and inter-annual variability of ichthyoplankton biodiversity in the Gdansk Deep of the Baltic Sea during last decades
E:15	Paper	Dmitry A. Kozlov	Biology and conditions of Alfonsin <i>Beryx splendens</i> Lowe, 1833 dwelling in the region of the Azores complex of seamounts
E:16	Paper	Einar Eg Nielsen, Brian R. MacKenzie, Eydfinn Magnussen, and Dorte Meldrup	Molecular methods for assessing temporal adaptive changes in fish populations; a case study employing historical analysis of Pan I in cod ( <i>Gadus morhua</i> ).
E:17	Paper	Mikko Heino and Ulf Dieckmann	Fisheries-induced selection as a driver of biodiversity change in exploited populations
E:18	Paper	Anne F. Sell, Ingrid Kröncke, and Siegfried Ehrich	Linking the diversity of fish assemblages to habitat structure: A study on Dogger Bank (North Sea)
E:19	Paper	A. Brind'Amour	Functional diversity: a study on the Bay of Biscay nursery habitats
E:20	Withdrawn		
E:21	Paper	J. Boldt, S. Bartkiw, P. Livingston, G. Walters, and G. Hoff	Indicators of size diversity in the eastern Bering Sea
E:22	Paper	M. Dolgikh, Yu. Gerasimov, and O. Lapshin	Damaging action of trawl fishing on youngers and non-target fishes as a factor of decrease biodiversity of fish communities.
E:23	Paper	Katja Enberg and Mikko Heino	Fisheries-induced life history changes in herring

E:24	Paper	J. A. Lindley, N. C. Halliday and D. P. Stevens	Fish data from the Continuous Plankton Recorder survey
E:25	Paper	Brian R. MacKenzie and Pascal Lorange	MarFish: Causes and consequences of changing marine biodiversity, a fish and fisheries perspective
Withdrawn			
E:27	Poster	Alexander Novoselov, Igor Studyonov	The life history of smelts ( <i>Osmerus Eperlanus Linnæus</i> , 1758) in the system "the northern Dvina river – the White Sea".
Withdrawn			
E:29	Poster	Tahere Bagheri and Ali Akbar Hedayati	Investigation of blood serum osmionregulation in Great sturgeon ( <i>Huso huso</i> ) Cultured in brackish water
E:30	Poster	Włodzimierz Grygiel	Round goby ( <i>Neogobius melanostomus</i> Pallas, 1811) 'semi-domestic' species in the Gulf of Gdansk (the southern Baltic; 1993–2004)
E:31	Poster	A. V. Dolgov	Spatial and temporal dynamics of the demersal fish community in the Barents Sea
Withdrawn			
E:33	Poster	Célia M. Teixeira and Henrique N. Cabral	Time series analysis of flatfish landings in the Portuguese coast
E:34	Poster	Pérez N., A. Serrano, J. Santos, and F. Velasco	Historical Variation on Total Catch and Discard CPUEs and bottom trawl survey abundances in the Northern Spanish Shelf: are they related?
E:35	Poster	Filipa Baeta, Maria José Costa, and Henrique Cabral	Trophic level of Portuguese fisheries landings during the period 1970–2005
E:36	Poster	Efim A. Kukuev and Dmitry A. Kozlov	Ichthyofauna investigations in the mezopelagial of the Gulf Stream zone and in the North Atlantic current system related to that zone (species composition and distribution peculiarities, zoogeographic analysis)
E:37	Poster	Helen McCormick and Gavin Power	Age estimation, growth Maturity of the Dealfish, <i>Trachipterus articus</i>

**Theme Session on Zooplankton community structure and biomass in the mesopelagic and deeper layers (F)**

ICES CM 2007/	Paper/Poster	Authors	Title
F:01	Paper	Høgni Debes	Seasonal abundance and development of krill in the Faroe-Shetland Channel
F:02	Paper	D.M. Bailey, M. Picheral, A.J. Jamieson, G. Gorsky, O.R. Gødo, and P.M. Bagley	Distribution of bioluminescence and plankton in a deep Norwegian fjord measured using an ISIT camera and the digital Underwater Video Profiler
F:03	Paper	Yoon, W.D., Nival, P., Choe, S.M., Picheral, M. and G. Gorsky	Vertical distribution and nutritional behaviour of <i>Cyclotheta brauerii</i> , <i>Nematoscelis megalops</i> , <i>Meganctiphanes norvegica</i> and <i>Salpa fusiformis</i> in the NW Mediterranean mesopelagic zone
F:04	Paper	Stemmann, L., Hosia, A., Youngbluth, M.J., Søiland, H., Picheral, M. and G. Gorsky	Vertical distribution (0–1000 m) of gelatinous zooplankton in different hydrological regions along the Mid Atlantic ridge in the North Atlantic
F:05	Paper	Guidi-Guilvard, L.D., D. Thistle, and A. Khripounoff	Two-year temporal variability of small hyperbenthos collected 4 m above the bottom in the deep (2347 m) NW Mediterranean
F:06	Paper	Astthor Gislason	Vertical distribution and seasonal dynamics of mesozooplankton in the Iceland Basin
F:07	Paper	Tone Falkenhaus, Astthor Gislason, and Eilif Gaard	Vertical distribution and population structure of copepods along the northern mid-Atlantic ridge
F:08	Paper	Peter H. Wiebe, Ann Bucklin, Laurence Madin, Martin V. Angel, Tracey Sutton, Francesco Pages, and Russell R. Hopcroft	Deep-sea holozooplankton species diversity in the Sargosso Sea, Northwestern Atlantic Ocean
F:09	Paper	Mark C. Benfield	Gulf SERPENT: Development of a deep-sea plankton observation system in the Gulf of Mexico using industrial ROVs
F:10	Poster	Hafferssas Aziz	Abundance and diversity of zooplankton communities in contrasting environments of the Algerian coasts
F:11	Poster	Natalia Zhigalova, Sergey Aleksandrov, and Yana	Long-term dynamics of zooplankton community in the South-Eastern Baltic

		Parfenova	Sea (1998–2006)
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**Theme Session on Linking oceanographic physical features with biological production and fish habitat potentials (G)**

ICES CM 2007/	Paper/Poster	Authors	Title
G:01	Paper	Susanne Menden-Deuer	Linking water column structure, phytoplankton distributions and planktonic productivity: predator behaviors are a key ingredient
G:02	Paper	John P. Manderson, J. Pessutti, J. Rosendale, and B. Phelan	Estuarine habitat dynamics and telemetered movements of three pelagic fishes: Scale, complexity, behavioral flexibility and the development of an ecophysiological framework
Withdrawn			
G:04	Paper	Elliott L. Hazen, Ari S. Friedlaender, Dave Wiley, Michael Thompson, Colin Ware, and Mason Weinrich	Three dimensional prey aggregations and fine scale foraging patterns of Humpback whales ( <i>Megaptera novaengliae</i> ) in Stellwagen Bank Marine Sanctuary
G:05	Paper	Christoph Stegert, Andreas Moll, and Wilfried Kühn	Simulation of zooplankton prey fields in the German Bight to study sprat growth variability in time and space
G:06	Paper	Withdrawn	
G:07	Paper	M. T. Smith and P. Whelpdale	Environmental variables and their influence on growth of the great scallop ( <i>Pecten maximus</i> ) in the English Channel
G:08	Paper	Ostrowski, M.	Impact of equatorial Kelvin waves on aggregations of sardinellas ( <i>Sardinella</i> spp.) in Angolan waters.
G:09	Paper	Jan Schulz and Hans-Jürgen Hirche	Vertical segregation of the zooplankton plankton community by hydrography and implications for trophodynamic interactions in the central Baltic Sea – A multivariate discriminant function- and canonical analysis
G:10	Paper	A. Arkhipkin, P. Brickle, and V. Laptikhovskiy	Usage of the island water dynamics by spawning red cod, <i>Salilota australis</i> (Pisces: Moridae) on the Falkland Islands Shelf (Southwest Atlantic)

G:11	Paper	Meri Härmä, Antti Lappalainen, and Lauri Urho	Mapping fish reproduction areas along environmental gradients on the SW coast of Finland
G:12	Paper	Maiju Salonen, Jonna Engström-Öst, and Lauri Urho	Turbidity affects prey selection on pike larvae
G:13	Paper	Björn Gunnarsson, Thor H. Ásgeirsson, and Einar Hjörleifsson	Variation in hatch date distributions, settlement and growth of juvenile plaice ( <i>Pleuronectes platessa</i> L.) in Icelandic waters.
G:14	Paper	Martin Huret, Pierre Petitgas, Corinna Schrum, and Benjamin Planque	Linking anchovy and sprat distributions with bio-physical oceanographic features: a Bay of Biscay – North Sea comparison.
G:15	Paper	Lari Veneranta, Lauri Urho	The structure of small-sized fish assemblages and reflections from differences in abiotic conditions
G:16	Paper	Cécile Persohn, Pascal Lorance, Verena Trenkel	Habitat preferences of selected demersal species in the Bay of Biscay and the Celtic Sea
G:17	Paper	Lewis Incze, N. Wolff, J. Lerczak, S. Rosen, S. Kraus, P. Stevick, and A. Baukus	Internal waves interact with topography over a small bank to produce a highly-focused feeding environment for fish, whales and birds
G:18	Withdrawn		
G:19	Paper	Ute Daewel, Myron A. Peck, Michael A. St. John and Corinna Schrum Ute Daewe, Myron A. Peck, Michael A. St. John, and Corinna Schrum	Comparing habitat suitability for sprat ( <i>Sprattus sprattus</i> ) and cod ( <i>Gadus morhua</i> ) in the North Sea: a modelling study
G:20	Paper	M. Schaber, H.-H. Hinrichsen, S. Neuenfeldt, and R. Voss	Hydroacoustic resolution of small-scale vertical distribution of cod ( <i>Gadus morhua</i> L.) in the central Baltic Sea at different hydrographic regimes
G:21	Paper	Daniel Stepputtis, Uwe Böttcher, and Thomas Neumann	The distribution of Baltic Sprat ( <i>Sprattus sprattus</i> L.) and its relation to physical features – observations and models
G:22	Paper	Irina Alekseeva and C. Schrum	Physical controls of lower trophic level production
G:23	Paper	E.J. Martino, E. W. North, and E. D. Houde	Biophysical controls and survival of striped bass larvae in the Chesapeake Bay estuarine turbidity maximum

G:24	Poster	Joseph Sebastian Paimpillil	Impact of subterranean flow on coastal process “mud banks” and fisheries potential
G:25	Poster	Dariusz P. Fey	Ecology of early life stages of smelt ( <i>Osmerus eperlanus</i> L.) as acquired from otolith microstructure analysis
G:26	Poster	Withdrawn	
G:27	Poster	C. Loots, S. Vaz, P. Koubbi, B. Planque, S. Lelièvre, F. Coppin, and Y. Verin	Spawning habitat of North Sea Plaice: descriptive and predictive approach
G:28	Poster	Ann-Britt Florin, Göran Sundblad, and Ulf Bergström	Characterisation of juvenile flatfish habitats using generalised additive models
G:29	Poster	Christian Mohn, Leonie Dransfeld, and Martin White	Hindcasting planktonic egg drift patterns of Atlantic mackerel in Irish shelf and oceanic waters
G:30	Poster	A.V. Remeslo, P.P. Chernyshkov, I.A. Polischuk, and S.N. Burykin	Oceanological conditions in the Southwest Atlantic outside the economic zone of Argentina and their influence on Argentine shortfin squid ( <i>Illex argentinus</i> ) distribution and fishery
G:31	Poster	J.A.Galarza, Carreras-Carbonell, S. Roques, M. Pascual, E. Macpherson, G.F. Turner, and C.Rico.	Multi-species analyses unveil the role of oceanographic fronts in modulating gene flow among marine fish populations
G:32	Poster	Teresa Moura, I. Figueiredo, A. Neves, I. Farias, B. Serra-Pereira, and L. Gordo	Is the distribution Portuguese dogfish related with environmental factors?
G:33	Poster	Corinna Schrum, Irina Alekseeva, and Ute Daewel	Frontal production in the North Sea

**Theme Session on Effects of environmental changes on the biology, physiology, and behaviour of pelagic fish (H)**

<b>ICES CM 2007/</b>	<b>Paper/Poster</b>	<b>Authors</b>	<b>Title</b>
H:01	Paper	Joachim Gröger and Norbert Rohlf	Shedding light on recruitment mysteries: internal and external signals in the stock-recruitment relationship of North Sea

			herring
H:02	Paper	Andrzej Orłowski	Variability of biotic and abiotic factors in clupeoids life cycle in the Baltic
H:03	Paper	Sascha M.M. Fässler, Natalia Gorska, and Egil Ona	Comparison of the swimbladder between Baltic and Norwegian fjord herring: possible consequences for mean target strength
H:04	Paper	Magnus Reeve, Erik Olsen, and Leif Nøttestad	Snake pipefish ( <i>Entelurus aequoreus</i> ) intrusion as a new species into the Barents Sea ecosystem
H:05	Withdrawn		
H:06	Paper	S.M. Kasatkina	Target strength of Baltic herring and sprat in relation to changes of their biological characteristics: effects on acoustic abundance indices estimates
H:07	Paper	Natalia Gorska	On target strength of Baltic herring
H:08	Paper	Marek Moszynski and Andrzej Stepnowski	The influence of fish morphological and behavioural parameters on acoustic data in algorithmic reconstruction of fish length distribution

**Theme Session on Effects of hazardous substances on ecosystem health in coastal and brackish-water ecosystems: present research, monitoring strategies, and future requirements (I)**

<b>ICES 2007/ CM Code</b>	<b>Accepted as Paper or Poster see below</b>	<b>Authors</b>	<b>Title</b>
I:01	Paper	JA Hagger, MB Jones, and TS Galloway	Can biomarkers measure environmental health of estuaries?
I:02	Paper	Georgi Daskalov, Peter Kershaw, Eva Garnacho, Andrew Kenny, and John Thain	Modelling Driver-Pressure-State changes for TBT in coastal ecosystems
I:03	Paper	M. J. Bebianno, V. Sousa, B. Lopes, L. Barreira, R. Company, and A. Serafim	Are biomarkers useful in environmental management?
I:04	Paper	C.M. Couillard and M. Lebeuf	Toxic chemicals and their impacts in the St. Lawrence Estuary and Saguenay Fjord, Quebec, Canada: from a chemical- to an ecosystem-based risk management



I:05	Paper	Janina Baršienė, Aleksandras Rybakovas, and Laura Andreikėnaitė	Environmental genotoxicity studies in marine fish and mussels
I:06	Paper	Aleksandras Rybakovas, Janina Baršienė, and Thomas Lang	Peculiarities of environmental genotoxicity in offshore zones of the Baltic and North Seas
I:07	Paper	Thomas Kellner and Rolf Schneider	Is p,p'-DDE still affecting Baltic Sea cormorants?
I:08	Paper	Rolf Schneider and Thomas Leipe	Historical and recent contents of PCB and organochlorine pesticides in sediments from Baltic Sea basins
I:09	Paper	Claude Amiard-Triquet <i>et al.</i>	A comprehensive methodology for the assessment of the health status of estuarine ecosystems
I:10	Poster	Sergey Aleksandrov and Natalia Chukalova	Impact of Cyanobacteria blooming on the ecosystem health in the Curonian Lagoon of the Baltic Sea
I:11	Paper	Concepción Martínez-Gómez, J. Benedicto, J.A. Campillo, V. León V. and B. Fernández.	Biomonitoring strategy of the marine contamination along the Iberian Mediterranean Coast: Present state and future development.
I:12	Paper	J.G. Rodríguez, M.J. Belzunce, A. Borja, J. Franco, J.M. Garmendia, I. González Herraiz, I. Muxika, O. Solaun, I. Tueros, and V. Valencia	Organotin bioaccumulation and imposex in female <i>Nassarius reticulatus</i> and <i>N. nitidus</i> in port and marina areas of the Basque Country
I:13	Paper	Kari K. Lehtonen and Doris Schiedek	Assessing ecosystem health in the Baltic Sea: requirements and strategic outline of an integrated biological-chemical monitoring
I:14	Paper	Kari K. Lehtonen, Hélène Budzinski, Raisa Turja, Mirja Leivuori, and Marie Hélène Devier	Deployment of caged mussels ( <i>Mytilus</i> spp.) as a method to study chemical pollution in the Baltic Sea: a case study in the Archipelago Sea (SW Finland)
I:15	Paper	Kholodkevich S.V., Fedotov V.P., Ivanov A.I., Kuznetsova T.V., Kuraskin A.S., and Kornienko E.L.	Fiber-optic remote biosensor systems for permanent biological monitoring of the surface waters quality and bottom sediments in the real time
I:16	Paper	Randel Kreitsberg, Irina Zemit, Rene Freiberg, and Arvo Tuvikene	Responses of metabolic pathways to polycyclic aromatic compounds in flounder following oil spill in northwest of Estonian

I:17	Paper	Lúcia Guilhermino	The use of biomarkers to assess the effects of environmental contamination in coastal and estuarine ecosystems: what questions remain? An example of the Portuguese NW coast
I:18	Paper	C. Gravato, L. Guimarães, and L. Guilhermino	Effects of pollutants on estuarine and coastal animals: from genes to populations
I:19	Paper	Elmira Boikova, Z.Seisuma, I.Kulikova, Z. Dekere, U.Botva, and N. Petrovics	Macrophyte communities quality in the Gulf of Riga, Baltic sea and heavy metal bioaccumulation in key species (1997–2007)
I:20	Poster	Wieczorek, Daniel., A. F. J. Draxler, A. D. Deshpande, Y. Y. Waguespack, R. C. Chambers, and T. H. Cleary	Effects of sediment contaminants on winter flounder in estuaries along the east coast of the United States
I:21	Poster	Bagheri, T. and Hedayati, S.A.A.	Examination reciprocal relationship of blood profile in great sturgeon ( <i>Huso huso</i> ) cultured in brackish water
I:22	Poster	Johanna Ikävalko, Ilkka Herlin, and Eeva Mäkelä	“Towards a Healthy Baltic Sea” – putting theory into practice
I:23	Poster	M.I.Hanna1; I.M.K.Abumourad; A.M.Kenawy; and S.M.Tawfeek.	B(a)P: Risk assessment and Challenge
I:24	Poster	Antonio Bode, Nicolás González, and Manuel Varela	Anthropogenic nitrogen inputs to littoral ecosystems of NW Spain traced by stable isotopes
I:25	Poster	Steven Brooks, Brett Lyons, John Bignell, and John Thain	An integrated approach to biological effects measurements using the Blue mussel, <i>Mytilus edulis</i>
I:26	Poster	Laura Guimarães, Joana Santos, Carlos Gravato, and Lúcia Guilhermino	Physiological and health condition of yellow eels developing in polluted and reference estuaries from NW Portugal
I:27	Withdrawn		
I:28	Poster	Veronika Hellwig, Antonia Wargel, Annika Behr, and Ursula Siebert	Isolation of primary liver cell cultures of harbour seals ( <i>Phoca vitulina</i> ) for identification of novel biomarkers of pollutant influence
I:29	Poster	J. Franco, M. J. Belzunce, A. Borja, J. M. Garmendia, I. Menchaca, I. Muxika,	Integrative assessment of sediment contamination. A case of study in a coastal area affected by wastewater

		M. Revilla, and I. Tueros	discharges in the Basque Country (N. Spain)
I:30	Poster	Pekka J. Vuorinen, Marja Keinänen, Susanna Eerola, Hannu Kiviranta, Mikko Kiljunen, Ulla Perttilä, Rune Waagbø, Kari Ruohonen, and Juha Karjalainen	Comparison of contaminant contents and some biochemical parameters in salmon ( <i>Salmo salar</i> L.) caught in the Baltic Sea and experimentally fed with feed made of Baltic herring or sprat
I:31	Poster	Ewa Mulkiewicz, Dorota Napierska, and Magdalena Podolska	Suitability of enzymatic biomarker responses in bivalve <i>Macoma balthica</i> from the southern Baltic Sea for environmental monitoring
I:32	Poster	Ewa Mulkiewicz, Dorota Napierska, and Magdalena Podolska	Integrated use of biomarkers in flounder <i>Platichthys flesus</i> from the Polish coastal area of the Baltic Sea
I:33	Poster	Annika Aalto, Johanna Ikävalko, and Inke Sunila	Exposure to diesel oil prevents recovery from <i>Proocentrum minimum</i> induced pathological changes in Baltic blue mussels, <i>Mytilus trossulus</i>

**Theme Session on the Applications of passive sampling devices in environmental monitoring, assessment, research, and testing (J)**

<b>ICES CM 2007/</b>	<b>Accepted as Paper or Poster see below</b>	<b>Authors</b>	<b>Title</b>
J:01	Paper	K. Yates, I. M Davies, L. Webster, P. Pollard, L. Lawton, and C. F. Moffat	Measurement of the availability of polycyclic aromatic hydrocarbons (PAHs) in marine sediments and pore-waters from Loch Leven, Scotland using silicone rubber passive samplers
J:02	Paper	Foppe Smedes, Ian M. Davies, and Jacek Tronczynski	ICES Passive sampling trial survey for water and sediment (PSTS) 2006–2007. Part 1: Objectives, Design and Realization
J:03	Paper	Foppe Smedes, Ton van der Zande, Celine Tixier, and Ian M. Davies	ICES Passive sampling trial survey for water and sediment (PSTS) 2006–2007. Part 2: Laboratory intercomparison, analytical issues and lessons learned.
J:04	Paper	Foppe Smedes, Ton van der Zande, and Ian M. Davies	ICES Passive sampling trial survey for water and sediment (PSTS) 2006–2007. Part 3: Preliminary interpretation of field data

J:05	Paper	Kees Booij & Foppe Smedes	Passive samplers for hydrophobic contaminants in water: concepts and interpretations
J:06	Paper	Kristoffer Næs, Anders Ruus, Olav Bøyum and Merete Grung	Particle association and bioavailability of PAHs related to coal tar pitch assessed by passive samplers
J:07	Paper	Foppe Smedes	Methods using passive sampling techniques in sediment for the estimation of pore water concentrations and available concentrations for hydrophobic contaminants
J:08	Paper	Tatsiana Rusina, Foppe Smedes and Jana Klanova	Calibration of passive sampling devices for hydrophobic organic contaminants
J:09	Paper	Marion Nipper, R. Scott Carr, Jim Biedenbach, John MacFarlane and Philip Gschwend	Passive samplers as sediment surrogates in toxicity tests
J:10	Paper	C. Tixier, F. Léauté, K. Héas-Moisan, P. Le Gall, D. Munaron, C. Munsch and J. Tronczyński	Passive sampling devices to assess the diffusive transfer of persistent hydrophobic organic contaminants at the sediment-water interface in the coastal marine environment
J:11	Paper	Els Monteyne, Michiel Claessens, Patrick Roose and Collin Janssen	The INRAM project
J:12	Paper	Arto Sormunen, A. Tuikka, J.T. Akkanen, M.T. Leppänen, and J.V.K. Kukkonen	Polyoxymethylene solid phase extraction as a predictor for bioavailability of model compounds in the sediments from three rivers in the Europe
J:13	Paper	K. Yates, I. M Davies, L. Webster, P. Pollard, L. Lawton, and C. F. Moffat	Porewater concentrations of PAHs in dredge spoils from Scotland
J:14	Paper	Jarkko Akkanen, Arto Sormunen, Merja Lyytikäinen, Matti Leppänen, Sari Pehkonen, and Jussi V.K. Kukkonen	Does Tenax extraction based desorption measure bioavailability of sediment-associated contaminants?
J:15	Paper	Eric Morgan and Rainer Lohmann	Determining the Sources of Polychlorinated Biphenyls to Demersal Fish in Narragansett Bay, RI, USA
J:16	Paper	Oddvar Royset	Experience with DGT samplers in marine samples at NIVA
J:17	Poster	K. Yates, I. M Davies, L.	Availability of PAHs in sediments from

		Webster, P. Pollard, L. Lawton, and C. F. Moffat	the Vefsn Fjord, Norway to the rag worm, <i>Nereis virens</i>
J:18	Poster	Lucía Viñas, Ángeles Franco, Kristoffer Naes, and Foppe Smedes	Biofouling in passive samplers
J:19	Poster	Foppe Smedes	Six years of monitoring PCBs and PAHs by passive sampling in parallel with deployed mussels
J:20	Poster	R. Scott Carr, Marion Nipper, and Phil Gschwend	Use of the Sediment Profile Imaging and Micro-Sampling System (SPIMS) for delineating study areas for <i>in situ</i> bioaccumulation investigations
J:21	Poster	Tatsiana Rusina and Foppe Smedes	Diffusion coefficients in some materials used for passive sampling – consequences for uptake mechanism

**Theme Session on Monkfish across the world: common problems and common solutions (K)**

<b>ICES CM 2007/ CM Code</b>	<b>Paper/Poster</b>	<b>Authors</b>	<b>Title</b>
K:01	Paper	Manuela Azevedo, R. Duarte, F. Cardador, C. Fariña, P. Sampedro, J. Landa, and G. Costas	Management advice for the Iberian Anglerfish stocks based on combined estimates from Management advice for the Iberian Anglerfish stocks based on combined estimates from Bayesian and non-Bayesian assessments
K:02	Paper	Jon Solmundsson, Einar Jonsson, and Hoskuldur Bjornsson	Recent changes in the distribution of monkfish ( <i>Lophius piscatorius</i> ) in Icelandic waters
K:03	Paper	Einar Jonsson	Verification of anglerfish ( <i>Lophius piscatorius</i> ) age estimation through comparison of length modes of age read fish ( <i>illicia</i> ) to length modes of big year-classes appearing in the Icelandic stock.
K:04	Paper	Anne Richards	Population Biology and Assessment of Monkfish ( <i>Lophius americanus</i> ) in USA waters
K:05	Paper	Chevonne Laurenson, H. Dobby, and A. McLay	The <i>Lophius budegassa</i> component of monkfish catches in Scottish waters
K:06	Paper	Chevonne Laurenson, H. Dobby and A. McLay	Biological aspects of the <i>Lophius piscatorius</i> catch in Scottish waters

K:07	Paper	Lise H. Ofstad and C. Laurenson	Biology of anglerfish <i>Lophius piscatorius</i> in Faroese waters
K:08	Paper	Jonathan H. Grabowski, Melissa D. Smith, and Philip O. Yund	The role of closed areas in rebuilding monkfish populations in the Gulf of Maine
K:09	Paper	Phil Haring and J.-J. Maguire	A history of the monkfish fishery and its management in the Northeastern USA
K:10	Paper	Graham D. Sherwood, and Jonathan H. Grabowski	Diet and habitat shifts in New England (USA) monkfish ( <i>Lophius americanus</i> ): insights from stable isotopes and implications for fisheries assessments
K:11	Paper	A.K. Johnson, A. Richards, Daniel Cullen, Belita Nguluwe, and Kathy Lang	Biology of Large Monkfish, <i>Lophius Americanus</i>
K:12	Paper	Paul G. Fernandes <i>et al.</i>	Progress in estimating the absolute abundance of anglerfish on the European northern shelf from a trawl survey
K:13	Paper	Sten Munch-Petersen and Bo Sølgaard Andersen	The Danish fishery for anglerfish: from by-catch to target fishery
K:14	Withdrawn		
K:15	Paper	Anne Richards and Jean-Jaques Maguire	An investigation of the population dynamics of monkfish ( <i>Lophius americanus</i> ) in the Northeastern USA
K:16	Paper	Helen Dobby, Lynda Allan, Melanie Harding, Chevonne Laurenson, and Anne McLay	Improving the quality of information on Scottish anglerfish fisheries – making use of fishers' data
K:17	Paper	Otte Bjelland and Lars Asplin	Are Norwegian fjords important spawning areas for anglerfish ( <i>Lophius piscatorius</i> )?
K:18	Paper	Gretchen Bath Martin, Jonathan Grabowski, and Anne Richards	Large-scale (from Cape Hatteras, North Carolina to the Gulf of Maine) migratory patterns of monkfish ( <i>Lophius americanus</i> ) populations in the Northwestern Atlantic
K:19	Paper	Maria de Fátima Moraes Valentim, M. Vianna, and E. P. Caramaschi	Aspects of the fishery and biology of <i>Lophius gastrophysus</i> in southeastern Brazil
K:20	Paper	A. Celso Fariña, M. Azevedo, J. Landa, R. Duarte, P. Sampedro, G. Costas, M.A. Torres, and	<i>Lophius</i> in the Atlantic: what we know?

		L. Cañas.	
K:21	Poster	Jorge Landa, R. Duarte, and I. Quincoces	Growth of white anglerfish <i>Lophius piscatorius</i> tagged in the northeast Atlantic and review of age validation studies
K:22	Poster	Lucía Cañas, M.A. Torres, M.P. Sampedro, A.C. Fariña, P. Abaunza, and J. Landa	Parasites as biological tags in population studies of white anglerfish ( <i>Lophius piscatorius</i> ) from European western waters
K:23	Poster	Jorge Landa, M. Ámez, and P. Pereda	Anomalies in anglerfish ( <i>Lophius piscatorius</i> and <i>L. budegassa</i> ): orange and albino-blind specimens from the Bay of Biscay
K:24	Poster	Daniel Cullen, A.K. Johnson, Kathy Lang, and Anne Richards	Comparing age and growth estimates for large monkfish ( <i>Lophius americanus</i> V.) using illicium and vertebral ageing methods
K:25	Poster	Jorge Landa, R. Duarte, P. Sampedro, M. Azevedo, C. Fariña, and G. Costas	Age-length-keys and catch-at-age of white anglerfish ( <i>Lophius piscatorius</i> ) in Atlantic Iberian waters from 1996 to 2006
K:26	Poster	Francisco Velasco, J. Landa, and J. Barrado	Abundance and distribution of anglerfish ( <i>Lophius piscatorius</i> and <i>L. budegassa</i> ) on the Porcupine Bank
K:27	Poster	Gersom Costas, Celso Fariña, Paz Sampedro, Jorge Landa, Roberto Morlán, Manuela Azevedo, Rafael Duarte, and Fátima Cardador.	Standardisation of Catch per unit effort for Anglerfish caught by Iberian artisanal gillnet fleet in ICES Division VIIIc
K:28	Poster	Díaz, P., J. Santos, I. González Herraiz, A. Punzón, F. Velasco J. Ruiz, and N. Pérez	Preliminary estimates and causes of Anglerfish Discard in the Spanish Trawl fishery in the Northeast Atlantic
K:29	Poster	Santos J., P. Díaz, A. Punzón, A. Serrano, and N. Pérez	Preliminary estimates and patterns of Anglerfish discard in the Spanish bottom trawl Coastal area fishery
K:30	Poster	Díaz P., I. González Herraiz, Pérez, N., J. Santos, and Ruiz, J.	Distribution of Juveniles of Anglerfish Caught by Spanish Trawl fishery in Northeast Atlantic Areas
K:31	Poster	R. Duarte, J. Landa, M. Azevedo, P. Sampedro, C. Fariña, and G. Costas	Age-length-keys and catch-at-age of black anglerfish ( <i>Lophius budegassa</i> ) in Atlantic Iberian waters from 1996 to 2006
K:32	Poster	Bernice Bediako, A.K.	Determination of metal concentrations in

		Johnson, and Ed Wirth	Monkfish, <i>Lophius americanus</i>
K:33	Poster	Esther Abad, A. Punzón, J. Castro and J. Landa	Geographical distribution and seasonality of métiers targeting Monkfish in Northern Spain
K:34	Poster	P. Frias and R. Duarte	Changes of the growth ring number along the <i>illicia</i> and possible impacts on age reading criteria

**Theme Session on Stock Identification – applications for aquaculture and fisheries management (L)**

<b>ICES CM 2007/</b>	<b>Accepted as Paper or Poster see below</b>	<b>Authors</b>	<b>Title</b>
L:01	Paper	Steven X. Cadrin, Brian J. Rothschild, and Isaac Wirgin	To Lump, or to Split? ... maybe the wrong question for stock identification of fishery resources
L:02	Paper	Sergey Melnikov, V.N. Shibanov, A.N. Stroganov, and G.G. Novikov	Results of biological and genetic studies of <i>S. mentella</i> in the open areas of the North East Atlantic
L:03	Paper	Sergey Melnikov	The use of information on parameters of the life cycle in the management of <i>S. mentella</i> fisheries in the Irminger Sea
L:04	Paper	Shelly M.L. Tallack	Tagging data and its role in stock identification
L:05	Paper	Ilaria Coscia, Katja Peijnenburg, Mike Pawson, and Stefano Mariani	Genetic stock structure of Atlantic sea bass ( <i>Dicentrarchus labrax</i> ) and Gilt-head sea bream ( <i>Sparus aurata</i> ) around the British Isles.
L:06	Paper	Terje Svåsand <i>et al.</i>	Evaluation of genetic impact of aquaculture activities on native populations
L:07	Paper	Andrew Griffiths, Gonzalo Machado-Schiaffino, Eileen Dillane, Dylan Bright, Tom Cross, Eva Garcia-Vazquez, and Jamie Stevens	The Atlantic Salmon Arc Project (ASAP): A genetically-based tool for stock identification and management of Atlantic salmon ( <i>Salmo salar</i> ) in western Europe
L:08	Paper	Gonzalo Machado-Schiaffino, Jose Luis Horreo-Escaldon, Andrew Griffiths, Dylan Bright,	Examining the loss of genetic variation in Atlantic salmon stocks created for supportive breeding



		Jamie Stevens, and Eva Garcia-Vazquez	
L:09	Paper	Maciej T. Tomczak	An evaluation of stock management practices for the central Baltic herring ( <i>Clupea harrengus membras</i> )
L:10	Paper	Christoph Stransky, Hannes Baumann, Svein-Erik Fevolden, Alf Harbitz, Hans Høie, Kjell H. Nedreaas, Arnt-Børre Salberg, and Tuula H. Skarstein	Separation of Norwegian coastal cod and Northeast Arctic cod by otolith morphometry
L:11	Paper	Emma M.C. Hatfield <i>et al.</i>	The scientific implications of the EU Project WESTHER (Q5RS - 2002 – 01056) to the assessment and management of the herring stocks to the west of the British Isles
L:12	Paper	Emma M.C. Hatfield, Henrik Mosegaard, Soenke Jansen, Jürgen Schlickeisen, and Christopher Zimmermann.	Using otolith and body shape analysis to distinguish herring stocks to the west of the British Isles.
L:13	Paper	O.A. Shukhgalter and G. N. Rodjuk	The use of parasitological data in population studies of the commercial pelagic fishes from the Central-East Atlantic
L:14	Paper	Einar Eg Nielsen, Jakob Hemmer Hansen, Thomas Moen, and Dorte Meldrup	Application of SNP's (Single Nucleotide Polymorphisms) for genetic stock identification in Atlantic cod ( <i>Gadus morhua</i> L.)
L:15	Paper	Katja Peijnenburg, Alice Antoniacomi, David Weetman, and Stefano Mariani	Spatial stock structure of common whelk ( <i>Buccinum undatum</i> ) in Irish waters inferred through a multidisciplinary approach
L:16	Withdrawn		
L:17	Paper	Peder Fiske, Nils Arne Hvidsten, and Syverin Lierhagen	Identification of Atlantic salmon ( <i>Salmo salar</i> ) parr from different rivers in the Trondheimsfjord area by geochemical signatures of otoliths
L:18	Poster	Greg DeCelles and Steve Cadrin	An interdisciplinary assessment of winter flounder stock structure
L:19	Poster	Gennadi Dvoryankin and Vadim Timofeev	Fish stocks of large lake systems of northern Russia and their rational use (Case Vashutkini lakes)

L:20	Poster	Gennadii Dvoryankin and Sergei Kulida	Fish stock management for especially protected natural territories (case Kenozerskij national park)
L:21	Poster	M. Berube, H. Skaug, L. Andersen, T. Haug, and N. Øien	Population genetic studies in Northeastern Atlantic minke whales
L:22	Poster	Barbara Deutsch, Katrin Paul, Ulrich Berth, Martina Bleil, Rainer Oeberst	Differentiation of western ( <i>Gadus morhua</i> L.) and eastern ( <i>Gadus morhua callarias</i> ) Baltic Sea cod stock by means of stable isotope ratios in otoliths
L:23	Poster	Vera Sequeira, Ana Neves, Ivone Figueiredo, and Leonel S. Gordo	Age and growth of bluemouth, <i>Helicolenus dactylopterus</i> (Delaroche, 1809), in the Portuguese continental coast: a contribute to the stock identification
L:24	Poster	Daria A. Zelenina, A. A. Volkov, N. S. Mogue, and V. I. Sokolov	Comparative study of introduced populations of Red king crab ( <i>Paralithodes camtschaticus</i> ) in Barents Sea and two native populations in Pacific
L:25	Poster	Anne Kirstine Frie, Madjid Delghandi, and Torild Johansen	Population genetic structure of grey seals: Diversity, differentiation and prospects for genetic population assignment with special reference to Norwegian waters
L:26	Poster	Bárbara Serra-Pereira, I. Figueiredo, I. Farias, A. Neves, T. Moura, and L. S. Gordo	First approach to the fishing effort estimation of the rays and skates Portuguese mixed-fishery

**Theme Session on Increasing energy costs and impact on fishers activities and economics – another challenge for fishers and managers (M)**

ICES CM 2007/	Paper/Poster	Authors	Title
M:01	Paper	Tom Rossiter	Biofuels for the fishing industry
M:02	Paper	Paul Macdonald, C. Laurenson, and S. Marrs	The potential of jig fishing as an energy efficient method for catching whitefish around Shetland
M:03	Paper	Hirotsugu Uchida	Efficient spatial allocation of fishing effort and partnership arrangement: A managerial solution to overcome rising fuel cost and other hardships for small-scale fisheries
M:04	Paper	Hendrik Stouten, K. Van	An evaluation and comparison of different

		Craeynest, A. Heene, X. Gellynck, J. Depestele, E. Vanderperren, B. Verschueren, and H. Polet	fuel price scenarios on Belgian fishing fleet dynamics
M:05	Paper	T. Hanssen, M. Lønseth, K-J. Reite, H.L. Aasjord, and N.H. Bjørshol	A comparative NOx emission study of two propulsion systems on board purse seiners
M:06	Paper	Hans Polet, Els Vanderperren, Jochen Depestele, K. Van Craeynest, Hendrik Stouten, and Bart Verschueren.	Is there a way out for the beam trawler fleet with rising fuel prices?
M:07	Paper	Nils Harald Bjørshol	Energy recovery on fishing vessels
M:08	Paper	K Graham, H Curtis, and T Rossiter	Options for improving fuel efficiency in the UK fishing fleet
M:09	Paper	Le Floc’h Pascal, Boncoeur Jean, Daurès Fabienne, and Thébaud Olivier	Analyzing fishermen behaviour face to increasing energy costs – A French case study
M:10	Poster	Smith, C.J., Papadopoulou, K.-N., Kapantagakis, A. and Petrakis, G.	Alternative fisheries for Nephrops in Greece: less damaging and more fuel efficient?

Theme Session N was cancelled

**Flying outside the ICES Assessment WG paradigm – Alternative approaches to providing fisheries management advice (O)**

<b>ICES CM 2007/ CM Code</b>	<b>Accepted as a Paper or a Poster see below</b>	<b>Authors</b>	<b>Title</b>
O:01	Paper	Sven Kupschus	Bass– what does the assessment tell us, what it doesn’t tell us, and what we can learn about Bass – what does the assessment tell us, what it doesn’t tell us, and what we can learn about management
O:02	Paper	Ditte Degnbol and Douglas Clyde Wilson	Science, power and marine spatial planning in the North Sea
O:03	Paper	Verena M. Trenkel	A biomass random effects model (BREM) for stock assessment using only survey data: application to Bay of Biscay anchovy

O:04	Paper	J. Cotter, R. Fryer, B. Mesnil, C. Needle, D. Skagen, M-T. Spedicato, and V. Trenkel	A review of fishery-independent assessment models, and initial evaluation based on simulated data
O:05	Paper	Magali Prigent, Guy Fontenelle, Marie-Joëlle Rochet, and Verena M. Trenkel	Combining fishers perceptions and scientific descriptions of recent trends in the Eastern Channel ecosystem and fisheries
O:06	Paper	J.M. Smith G.J. Pierce, and I. Theodossiou	The importance of fishers' knowledge as a management tool: a case study of the 2006 decline of the Moray Firth <i>Loligo</i> fishery in North East Scotland and the implications for future management strategies
O:07	Paper	Mathieu Woillez, Jacques Rivoirard, and Pierre Petitgas.	Selecting and combining survey based indices of fish stocks using their correlation in time to make diagnostics of their status
O:08	Paper	Ewen Bell , Mike Bell, Mike Smith, and Julian Addison	SpatMan: A spatial management modelling tool for shellfish stocks
O:09	Paper	Maurice Clarke and Afra Egan	Rebuilding Celtic Sea herring and the development of a long term management plan
O:10	Paper	Maria Teresa Spedicato, M. Woillez, J. Rivoirard, P. Petitgas, P. Carbonara, and G. Lembo	Usefulness of the spatial indices to define the distribution pattern of key life stages: an application to the red mullet ( <i>Mullus barbatus</i> ) population in the south Tyrrhenian sea
O:11	Paper	James Scandol and Kevin Rowling	Resource assessments for multi-species fisheries in NSW, Australia: qualitative status determination using life history characteristics, empirical indicators and expert review
O:12	Paper	Andrei Makarchouk	The assessment of the spawning-stock biomass of sprat in the Gotland Basin (Eastern Baltic The The assessment of the spawning-stock biomass of sprat in the Gotland Basin (Eastern Baltic Sea) with the Hensen–Apstein method with some innovations
O:13	Withdrawn		
O:14	Paper	K-M. Järvenpää, L. Uusitalo, V-P. Antti-Poika, S. Mäntyniemi, K. Brahim,	Bioeconomic analysis of Mauritanian cephalopods fishery

		and S. Kuikka	
O:15	Paper	Samu Mäntyniemi, Richard Hillary, Sakari Kuikka, and Henrik Sparholt	Evaluation of standard ICES stock assessment and Bayesian stock assessment in the light of uncertainty: North Sea herring as an example
O:16	Paper	Pierre Petitgas, J.-C. Poulard, K. Radtke, M.-T. Spedicato, L. Ibaibarriaga, C.-Y. Politou, K. Korsbrekke, C. Deernberg, and P. Fernandes	Comprehensive indicator-based diagnostics of fish stocks using fishery-independent survey data: the FISBOAT report
O:17	Paper	Dorothy Jane Dankel, Ulf Dieckmann, and Mikko Heino	Success in fishery management using harvest control rules derived from reconciling stakeholder objectives
O:18	Paper	Hans Bogaards, Lisa Borges, Marcel Machiels, Sarah Kraak, and Adriaan Rijnsdorp	Fisheries-independent estimates of trends in North Sea plaice ( <i>Pleuronectes platessa</i> ) abundance: a Bayesian analysis of research vessel survey data
O:19	Poster	V-P. Antti-Poika, S. Mäntyniemi, and S. Kuikka	Bayesian mark-recapture model for migrating fish populations: Ascent of Atlantic salmon ( <i>Salmo salar</i> L.) in River Kymijoki and the effects of river discharge and recreational fishing
O:20	Paper	Maurice Clarke, Andres Uriarte, Aukje Coers, Andrew Campbell, Mark Dickey-Collas, Afra Egan, Marc Ghiglia, Ingvild Harkes, Ciarán Kelly, and Johan Müller	A new scientific initiative with the Pelagic RAC to develop a management plan for western horse mackerel
O:21	Paper	Soile Kulmala, Polina Levontin, and Catherine Michielsens	Towards bio-economic assessment of the Baltic salmon stocks
O:22	Paper	Dankert W. Skagen and Dorothy J. Dankel	Management with sparse data
O:23	Paper	Helen Dobby, N. Bailey, and N. Campbell	The use of underwater TV surveys in the provision of advice for <i>Nephrops</i> stocks around Scotland
O:24	Paper	Pierre Failler, Haoran Pan, and Christos Floros	A regional computable general equilibrium model for fisheries: results of the EU PECHDEV project
O:25	Paper	Pierre Failler, Brahim Ould Mouhamed Tfeil, Kirsi-Maaria Jarvenpaa, Laura	Probabilistic assessment, management and advice model for fishery management in the case of poor data availability: the EU

		Uusitalo, Martial Laurans, Phil Large, Graham Pilling, Mike Smith, and Ioanna An	POORFISH project
O:26	Paper	Hilaire Drouineau, Stéphanie Mahévas and Michel Bertignac	A length-structured and spatialised assessment model for the Northern stock of European hake ( <i>Merluccius merluccius</i> )
O:27	Paper	Cotter, J and Petitgas, P.	FISBOAT manual of indicators and methods for assessing fish stocks using only fishery independent survey data.
O:28	Paper	Eustace B. E and Kelly C.J	Technical measures can be shown by experiment to reduce capture of unwanted fish, but can we see the effect on the stock in a stochastic world?
O:29	Paper	Martial Laurans and Mike Smith	Application of a biomass dynamics model on edible crab stock of the western Channel and fitted using Bayesian estimation.
O:30	Paper	Ignacio Paya	Spatial management procedures for early closure of the <i>Loligo gahi</i> fishery off Falkland Islands based on a precautionary analysis using bootstrapping and Bayesian techniques.
O:31	Paper	Catherine Michielsens, Atso Romakkaniemi, Samu Mäntyniemi, and Sakari Kuikka	Using expert opinions and prior knowledge within fisheries stocks assessments: the Baltic salmon case study
O:32	Paper	Nick Bailey, N. Campbell, H. Dobby, and A. Weetman	Underwater television surveys of <i>Nephrops</i> around Scotland – population trends since 1992
O:33	Paper	A.D. Rijnsdorp, N. Daan, W. Dekker, and J.J. Poos	Solving the credibility crisis in mixed fisheries management
O:34	Paper	Carsten Hvingel, Jesper Boje, and Kaj Sünksen	A quantitative assessment framework for the Greenland halibut ( <i>Reinhardtius hippoglossoides</i> ) stock off East Greenland, Iceland and the Faroe Islands using a production model in a state-space structure and Bayesian inference
O:35	Paper	N. Holmgren, S. Kuikka, H. Granath, A. Jonsson, and T. Jonsson, E Sernland	Bayesian quota – a resilient policy for fisheries management?
O:36	Paper	Coby L. Needle and Richard Hillary	Estimating uncertainty in nonlinear models: applications to survey-based assessments

O:37	Withdrawn		
O:38	Withdrawn		
O:39	Poster	Georg H. Engelhard, Julia L. Blanchard, David A. Righton, Steven Mackinson, John K. Pinnegar, Jeroen van der Kooij, and Ewen D. Bell	Industrial fishing, sandeels, and predatory fish condition
O:40	Poster	A. Jordaan and David O. Conover	Selection against large size: declines in mean weight within and among species in the Gulf of Maine/Georges Bank region over the past 40 years
O:41	Withdrawn		
O:42	Poster	Hans Skaug and David Fournier	Random effects modeling in fisheries science using AD Model Builder
O:43	Poster	Prista, N., Costa, J.L., Costa, M.J., and Jones, C.M.	New methodology for studying large valuable fish in data poor situations: Commercial mark-recapture of meagre <i>Argyrosomus regius</i> in the southern Portuguese coast
O:44	Poster	Elvire Antajan, Antonin Shmitz, Stéphanie Lelièvre, Marc Picheral, Stéphane Gasparini, Gabriel Gorsky, and Sandrine Vaz	Applying ZooScan imaging system for automated counting and identification of pelagic fish eggs from a continuous underway sampling in the North Sea
O:45	Poster	Alice Mackay, Simon Northridge, Al Kingston, and Sinead Murphy	The use of bycatch monitoring schemes in augmenting assessment data
O:46	Poster	Martial Laurans	Development of an ovigerous lobster ( <i>Hommarus gammarus</i> ) curve model from data collected by a fisherman. Analysis of an annual variation and seasonal evolution of the curve
O:47	Poster	Deuguines A., Bouali A., and Robin J-P.	Can length structure of English Channel cephalopod landings reveal trends in exploitation?
O:48	Poster	Marina Santurtún, J. Castro, A. Hoff, C. Kvamme, R. Kynoch, P. Marchal, C. Maravelias, J.J. Poos, S. Reeves, C. Ulrich-Rescan, and D.C. Wilson	AFRAME – A framework for fleet and area based fisheries management

**Theme Session on External independent peer reviewing – achievements and failures  
(P)**

<b>ICES CM 2007/</b>	<b>Paper/Poster</b>	<b>Authors</b>	<b>Title</b>
P:01	Paper	Paul J B Hart	Is a rigorous and fair referee's evaluation of a papers or a grant application ever achievable?
P:02	Paper	Jake Rice	The DFO experience with inclusive advisory processes
P:03	Paper	David J. Die, M. Shivlani, S. K. Brown, and D. Sampson	An analysis of the reviews and reviewer profiles of the Center of Independent Experts
P:04	Paper	Mark Dickey-Collas and Frans van Beek	Reviewing and producing the ICES Fisheries Advice: the power of a few?
P:05	Paper	Antonio Bode	Peer review and competitive selection of marine RTD proposals for public funding in Spain: views from management and user sides
P:06	Paper	Andrew I. L. Payne	The "lottery" of "independent" peer review: experiences and perspectives
P:07	Paper	Howard I. Browman	The peer review process: perspectives and insights from a journal editor
P:08	Paper	Stephen K. Brown, Manoj Shivlani, David J. Die, and David Sampson	The Center for Independent Experts - the U.S. National Marine Fisheries Service's National Peer-Review Program
P:09	Paper	M.A. Pastoors, A.D. Hawkins, and J.J. Maguire	Public reviews of fisheries science by the North Sea Commission Fisheries Partnership: towards shared understandings and participatory science
P:10	Poster	Christopher Zimmermann, Mark Dickey-Collas, Richard DM Nash, and Cornelius Hammer	External peer review of survey series: Lessons learned from the Rügen Herring Larvae Survey



**Theme Session on Science underpinning stock abundance survey practice, including unaccounted fishing mortality, especially ghost fishing (Q)**

<b>ICES CM 2007/</b>	<b>Accepted as Paper or Poster see below</b>	<b>Authors</b>	<b>Title</b>
Q:01	Paper	D.J. Rihan, M. Mulligan, D. McDonald, and N. Roar-Hareide	The Continuing Story of the DEEPNET Project
Q:02	Paper	Brian Harley	The Modified GOV and Ground gear 'D'
Q:03	Paper	David Somerton, Daniel Nichol, and Paul von Szalay	Influence of current velocity on the near-bottom vertical distribution of fish and their availability to a bottom trawl
Q:04	Paper	O.A. Bulatov, V.M. Borisov, B.N. Kotenev, and G.S. Moiseenko	The use of GIS-technology for estimation of the Northeast Arctic cod stock
Q:05	Paper	Rick A. Hart and James M. Nance	The integration of environmental parameters into shrimp stock assessments, Gulf of Mexico, USA
Q:06	Paper	Enzo Acuña, R. Alarcón, L. Cid, L. Cubillos, and R. León.	Chilean crustacean assessment surveys: a review.
Q:07	Paper	Ewen Bell, Jon Elson, and Julian Addison	Sources of variation in <i>Nephrops</i> burrow counting schemes
Q:08	Paper	Michael H. Martin and Stan Kotwicki	The effects of improving accuracy and precision of area swept estimates on relative biomass estimation and stock assessment: a retrospective
Q:09	Paper	Thomas P. Good, Jeffrey A. June, and Ginny Broadhurst	Quantifying the impact of derelict fishing gear on the marine fauna of the Puget Sound and Northwest Straits
Q:10	Paper	Kenneth L. Weinberg and Stan Kotwicki	Factors influencing net width and footrope bottom tending performance of a survey trawl
Q:11	Paper	Chris Rooper	An analysis of rockfish ( <i>Sebastes</i> spp.) distributions in trawl surveys in Alaska with application to fishery independent survey design and station allocation
Q:12	Paper	Haraldur Arnar Einarsson, Einar Hreinsson, and Sigurður Þór Jónsson	Direct observations of large mesh capelin trawls; evaluation of mesh escapement and catchability
Q:13	Paper	P.S.Gasyukov and	Application of Bayesian Maximum

		S.M.Kasatkina	Entropy method in the procedure of the acoustic survey data processing by the example of the Baltic herring and sprat survey
Q:14	Paper	Guillermo Boyra, Paula Álvarez, Unai Cotano, Udane Martínez, and Andres Uriarte	JUVENA: a critical revision and sensitivity analysis after four years of anchovy juvenile acoustic surveys in the Bay of Biscay
Q:15	Paper	Kingston,A, Northridge, S. and Mackay, A.	An assessment of net losses in UK gill and tangle net fisheries
Q:16	Paper	Mikko Heino and Sondre Aanes	Local spatial heterogeneity in blue whiting length structure
Q:17	Paper	D. Stokes, J. Hjelm, and B. Vincent	Describing survey effort in terms of new and existing gear parameters
Q:18	Paper	Troy W. Buckley and Stan Kotwicki	Spreading the effort to focus the analysis: otolith collection in the eastern Bering Sea
Q:19	Paper	Daniel Stepputtis, Eberhard Götze, Uwe Böttcher, Jörg Voskamp Daniel Stepputtis, Eberhard Götze, Uwe Böttcher, and Jörg Voskamp	Facing the past – recovering of historic echo data
Q:20	Paper	R.W. Brown, M. Fogarty, P. Rago, V. Nordahl, C. Legault, P. Politis and T. Miller	Survey transition and calibration of bottom trawl surveys along the Northeastern Continental Shelf of the United States
Q:21	Paper	H. Ward Slacum Jr., Steve Giordano, Doug Levin, Jon Volstad, Jay Lazar, Colin Little, and David Bruce	Quantifying the effects of derelict crab traps in Chesapeake Bay
Q:22	Paper	D.G.Reid, R.J. Kynoch, I. Penny, and K. Peach	Estimation of catch efficiency in a new angler fish survey trawl
Q:23	Poster	Freya Goodsir, Clive Fox, Mike Armstrong, Steve Milligan, Mike Shaw, Michael Godard, and Veronique Creach	Can formaldehyde fixed gadoid eggs be identified using genetic probes?
Q:24	Poster	Freya Goodsir, Clive Fox, Mike Armstrong, David Stone, Pieter-Jan Schön, Natasha Taylor, Martin Taylor, and Michael Godard	Using genetic probes to identify gadoid eggs in surveys to monitor the Irish Sea cod stock under the EU recovery program

Q:25	Poster	Mike Armstrong <i>et al.</i>	Developing an egg-survey approach to monitoring the biomass of cod and other demersal fish species in the Irish Sea
Q:26	Poster	Filipa Baeta, Maria José Costa, and Henrique Cabral	Trammel net ghost fishing in Portuguese central coast
Q:27	Withdrawn		

**The ecosystem approach: what's the impact on marine science, science-based advice, and management of marine ecosystems (R)**

<b>ICES CM 2007/</b>	<b>Accepted as Paper or Poster see below</b>	<b>Authors</b>	<b>Title</b>
R:01	Paper	P. Durán Muñoz, M. Sayago-Gil, T. Patrocinio, A. Serrano, F.J. Murillo, S. Parra, L. M. Fernández Salas, M. Sacau, V. Díaz del Río, and X. Paz	ECOVUL/ARPA Interdisciplinary Project: Looking for a model to study the interaction between deep-water bottom fisheries and their supporting oceanic ecosystems
R:02	Paper	Stuart Reeves and Clara Ulrich	Bridging the Gap: fleets, fisheries and the ecosystem approach
R:03	Paper	Glen S. Jamieson, Cathryn Clarke, and Barbara Lucas	Integrated management in British Columbia, Canada: challenges in identifying conservation objective
R:04	Paper	Andreas Dänhardt and Peter H. Becker	Linking large- and small-scale fish surveys with the feeding ecology of seabirds
R:05	Paper	Marie-Joëlle Rochet and Verena M. Trenkel	How could indicators be used in an ecosystem approach to fisheries management?
R:06	Paper	Peter Koeller	Fisheries psychology, or, how I learned to stop worrying and love the data
R:07	Paper	A. Carpentier, C. Warembourg, F. Coppin, L. Curet, J. -C. Dauvin, J. - P. Delpech, N. Desroy, J. - M. Dewarumez, L. Dupuis, P. D. Eastwood, and B. Ernande,	Eastern Channel Habitat Atlas for Marine Resource Management (CHARM) – From a descriptive approach (phase I) to a process-oriented approach (phase II)
R:08	Paper	Kjellrun Hiis Hauge	The ecosystem approach to fisheries –

			science driven or issue driven?
R:09	Paper	Carmen Hernández and A.Punzón	Effects of the ecosystem approach on the analysis of fishing activity: Samplings, statistics and procedures
R:10	Paper	Tim S. Gray and Jenny Hatchard	Bed-fellows or fellow-travellers?: The relationship between ecosystem-based management and stakeholder participation in marine fisheries
R:11	Paper	Brian R. MacKenzie, Jan Horbowy, and Fritz W. Köster	Incorporating environmental variability in stock assessment – predicting recruitment, spawner biomass and landings of sprat, <i>Sprattus sprattus</i> , in the Baltic Sea
R:12	Paper	Michael Wilberg	Exploring rules of thumb for ecosystem based fisheries management reference points
R:13	Paper	E. W. North, D. M. King, J. Xu, R. R. Hood, R. I. E. Newell, K. T. Paynter, M. L. Kellogg, M. K. Liddel, and D. F. Boesch	An ecosystem approach for oyster restoration and management
R:14	Paper	Olav Rune Godø, Kjellrun Hiis Hauge, Svein Iversen, Olav Sigurd Kjesbu, and Einar Svendsen	Interaction and integration of observation and models – the EcoFish approach
R:15	Paper	Jake Rice (on behalf of the Group of experts)	The global reporting and assessment of the marine environment
R:16	Paper	Jake Rice, Camille Mageau, Liisa Peramaki, and Kim Houston	The Canadian national approach to implementing an ecosystem approach to integrated management
R:17	Paper	Simon Northridge and Len Thomas	A rationale for matching monitoring requirements with obligations to assess ecosystem effects
R:18	Paper	Ole Arve Misund, Ole Jørgen Lønne, Erlend Moksness, and Ole Torrissen	Taking the consequences of international conventions, national policy and our own arguments: developing the way of working at the Institute of Marine Research, Norway, to deliver according to the ecosystem approach
R:19	Paper	Laurence T. Kell, Finlay Scott, and J.-M. Fromentin	From stock to ecosystem based advice: are reference points a moving target?
R:20	Poster	Sayago-Gil, M <i>et al.</i>	ECOVUL/ARPA Interdisciplinary Project: Sea-bed Mounds on Hatton Bank situated within Deep-Water Bottom

			Fisheries zones (NE Atlantic Ocean).
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