

Theme Session N

Technologies for monitoring fishing activities and observing catch

Conveners: Bill Karp (USA) and Kjell Nedreaas (Norway)

Agenda and Order of the Day

Wednesday 20 September 08.30–10.00 (Room 0.4)

Wednesday 20 September 10.30–13.00 (Room 0.4)

		Time
1.	Opening	08.30
2.	Introduction	08.35
3.	Presentation of Papers	08.40
<i>Code</i>	<i>Author(s) and title</i>	
N:02	<i>G. Lemoine, I. Shepherd, N. Kourti, H. van Wimersma Greidanus, C. Cesena, and F. Thoorens: Evaluation of vessel detection system use for monitoring of fisheries activities</i>	08.40–09.00
N:06	<i>Are Salthaug: Can trawling effort be identified from satellite-based VMS data?</i>	09.00–09.20
N:07	<i>Are Salthaug and Tore Johannessen: The Norwegian in-year monitoring fishery for sandeel in the North Sea using satellite-based VMS data and landings information</i>	09.20–09.40
N:11	<i>Brendan O'Shea and Sylvia Thompson: The innovative application of vessel monitoring systems for the effective fisheries monitoring control and surveillance</i>	09.40–10:00
	Coffee break	10.00–10.30
N:01	<i>Amos Barkai: OLRAC: Paperless solution for the collection, storage, analysis and reporting of commercial fishing data</i>	10.30–10.50
N:14	<i>H. I. McElderry: At-sea observing using video-based electronic monitoring</i>	10.50–11.10
N:03	<i>Cato Svellingen, Bjørn Totland, Darren White, and Jan Tore Øvredal: Automatic species recognition, length measurement and weight determination, using the CatchMeter computer vision system</i>	11.10–11.30
N:04	<i>Denis Tremblay and Gerry Sullivan: Technologies for monitoring fishing activities and observing catch in Canada</i>	11.30–11.45
N:10	<i>G. Williams, T. Loomis, J. Watson, H. McElderry, J. Gauvin, and T. Meintz: Video monitoring of a trawl catcher processor in the North Pacific: A pilot study to identify requirements for catch monitoring</i>	11.45–12.00
N:09	<i>T. Loomis, William A. Karp, J. Gauvin, C. Colway, J. Watson, T. Meintz, and G. Williams: An innovative approach to sampling catch in the North Pacific groundfish fisheries</i>	12.00–12.15
N :05	<i>K. H. Nedreaas, A. Borge, H. Godøy, and S. Aanes: The Norwegian reference fleet: co-operation between fishermen and scientists for multiple objectives</i>	12.15–12.30
N:15	<i>Leon Smith and Petur Steingrund: Data validation of gross data quantities: a practical approach</i>	12.30–12.45

- N:12 *Bob Stanley and Tim Lamb*: Integrated electronic onboard observer data collection and reporting system for Australia's Antarctic fisheries 12.45–13.00

Posters

- N:16 *Christopher Zimmermann and Jens Ulleweit*: An attempt to integrate logbook and VMS information: Spatial distribution of the German pelagic freezer trawler fleet's activity in two years
- N:17 *Kristin Helle*: Tracking changes in the ling and tusk populations using CPUE estimates from logbook data
- N:19 *Manuel Afonso-Dias, C. Pinto, and J. M. Simões*: GeoCrust 2.0 – a computer application for monitoring the Portuguese Crustacean Trawl fishery using VMS, landings and logbooks data
- N:20 *Carlos Pinto, J. M. Simões, and M. Afonso-Dias*: GeoPesca – a website for the dissemination of geo-referenced information from the Portuguese crustacean trawl fishery
- N:21 *Ivor Humphreys, Conor P. Nolan, Dermot Geraghty and Alan Reid*: A new, intuitive, reliable and low cost electronic fish measuring board
- N:22 *Leon Smith and Emil Petersen*: Portable scientific catch registration system on a PC-platform