

CONFERENCE PROGRAM

	Monday, May 14
11:00AM	Registration Commences
6:00 PM	Welcome Reception (Club House, Strathcona Hotel)
	Tuesday, May 15
9:00 AM	Howard McElderry – Opening Remarks British Columbia's Perspectives on Fisheries Monitoring Programs Bud Graham (Province of BC) Equitable and Sustainable Global Fisheries: Networking, Mutual Learning, and Capacity-building for Bridging the North-South Divide in Fisheries Management. Joachim Carolsfeld (World Fisheries Trust/CIDA) Twenty-five Years of Research Opportunity from Observer Programs in Canada, One Person's Perspective Alan Sinclair (Fisheries and Oceans Canada)
10:20 AM	Coffee and Tea
	Observe Locally, Think Globally: Addressing the Growing Responsibilities of Fisheries John Boreman (NOAA Fisheries) Evolving Goals, Changing Structures, and Increasing Significance: Fisheries Observers Programs in the XXI Century Martin Hall (Keynote Presentation)
12:00 PM	Lunch and Poster Viewing
1:00 PM	<i>Session P1 - What Are The Reasons And Objectives For Monitoring A Fishery? Moderator: Howard McElderry</i> Adaptive Real-time Management of Southern Bluefin Tuna Bycatch in the Eastern Australian Pelagic Longline Fishery Using Fishery Observers Wallner, B.*; Auld, S.; Begg, G.; Kranz, L.; Webb, J. Monitoring & Observation of Fishery in Sri Lanka – A case study Patabendi P.* Bycatch Management and North Pacific Groundfish Observers: What have we Learned? Karp, W.A.* Fishery Monitoring Objectives -The Fishery Management Perspective Vermette, M.* Reasons and Objectives for Monitoring the British Columbia Groundfish Trawl Fishery Turris, B. T.* Commercial Catch Monitoring: Gatekeeper to Sustainability and Public Acceptance in Pacific Canada Gislason, G.*
2:30 PM	Coffee and Tea
3:00 PM	<i>Session P2 - What Are The Important Elements And Considerations In The Design Of Fishery Monitoring Programs? Moderator: Steve Kennelly</i> Managing Expanding Priorities in an Established Fishery Monitoring Program Thompson, L.* Observer Programmes in European Fleets Borges, L.* Design and Implementation of the American Samoa Observer Program Busscher, K.*

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	Importance of Law Enforcement for Observer Programs Dubois, T.*
	Monitoring Integrated Commercial Fisheries - Aboriginal and Non-Aboriginal. Balfour, D.*
	Addressing Fishery Specific Data Needs in the Design of Observer Sampling Protocols Majewski, J.*; Cusick, J.; Gove, N.
4:30 PM	Session Concludes
6:30 PM	Poster Session and Reception (Victoria Conference Centre)
	Wednesday, May 16
8:30 AM	<i>Session P3 - Industry Panel - What Are The Commercial Fishing Industry's Perspectives On Fishery Monitoring Programs And How They Can Be Improved? Moderator: Greg Workman</i>
	A Marriage of Industry and Science: An Example from New Zealand Where the Rock Lobster Industry is the Principal Contractor to the Ministry of Fisheries for the Provision of Stock Monitoring and Stock assessment Services. Sykes, D.*
	Integrated Fisheries and the Role of Monitoring Koolman, J.*
	Management of a Multispecies Fishery in Transition from Input to Output Controls: Monitoring, Analysis, and Reporting Solutions for Discrete Fleet Management Units Parker, P.*
	Opportunities and Challenges for Observer Programs in Rationalized Fisheries Swanson, L.
	Possible Future Directions in Fishery Monitoring Buston, M.*
	Better Communications for Harvesters Forward, C. J.*
10:00 AM	Coffee and Tea
10:30 AM	<i>Session P4 - How Can Industry Play A Role In Monitoring Fisheries? Moderator: John LaFargue</i>
	Industry Leading the Way to Monitoring Solutions: The Area "A" Crab Fishery in British Scherr, J.*; Gould, G; Helgason, W; Nguyen, H; Edwards, P.; Rusch, B.
	Comparison of Fishermen Catch Reports and Observer Data. Van Atten, A.S.*
	Cooperative Study Fleets as a Mechanism for Fisheries Monitoring. Palmer, M.C.*; Hoey, J.J.
	Government and Industry Collaboration in the Use of Observer Data to Manage North Pacific Groundfish Fisheries Loefflad, M.*; Campbell, G.; Karp, W
	Increasing Industry Involvement in Fisheries Monitoring as the Stakes Rise Tuttle, V.*
12:00 PM	Lunch and Poster Viewing
1:00 PM	<i>Session P5 - What Is The Role Of Non-Governmental Organizations (NGO's) In Fishery Monitoring Programs? Moderator: Teresa Turk</i>
	Increasing Funding for Observers. Getting the U.S. Congress to Care about Observer Programs. Sakai, C.*; Lowell, B.; Morton, W.; Griffin, E.
	The Role of Non-Governmental Organizations in Shaping Observer Programs Young, S. B.*

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	The Importance of Observer Programs in Sustainably Managing Reef Fish in the Southeastern United States Fetherston, E.*; Dorsett, C.
	U.S. Fisheries Observer Data- Available and Usable to Stakeholders? Griffin, E.*; Lowell, B.; Sakai, C.; Hirshfield, M.
	Canadian Fisheries Observer Data-Available for Analysis? Wallace, S.*
	Spanish Mediterranean Sea Turtle Cooperative Between Alnitak (Spain) and NOAA Fisheries Bailey, A*
	Sea Grant and Observer Programs: Opportunities for Future Cooperation Dietrich, K.*
2:30 PM	Coffee and Tea
3:00 PM	<i>Session B1 - What Can Advanced Technologies Offer Fishery Monitoring Programs? Moderator: Shawn Stebbins</i>
	Real Time Data Entry: Electronic Data Capture Auld, S.*; Webb, J.; Wallner, B.; Begg, G.; Kranz, L.; Stanley, R.
	OTIS : A Tool for Just in Time Fishery Monitoring Chouinard, John*
	At-Sea Observing Using Electronic Monitoring: The US Shore-based Hake Fishery Cusick, J.*; McElderry, H.; Crumpacker, A.
	Observer At-Sea Data Collection Project Kupcha, E.*; Jackson, O.; McBride, H.; North, B.
	Automated Receipt and Importing of Remote Data into a Central Database Patten, B.A.*
3:00 PM	Concurrent Session
	<i>WG1 - Observer Training Work Group</i>
4:30 PM	Session Concludes
5:00 PM	Interactive Training on Techniques to Reduce Long-line Related Mortality of Sea Turtles Parga, M.L.*
6:30 PM	Reception (Maritime Museum)
	Thursday, May 17
8:30 AM	<i>Session P6 - How Are Fishery Monitoring Data Analyzed And Used by Government, Industry, Academics, and ENGO's? Moderator: Jim Nance/Lisa Borges</i>
	Fisheries Resources of Arabian Sea Along the Coast of Pakistan with Special Reference to Yellow Fin Tuna (Thunnus albaceres). Hussan, S. M.* Khatoon, Z. Baradi
	Fisheries Observer Program Metadata. Ensuring the Meaningful Interpretation of Fisheries Observer Data. Buchanan, S.*
	The Use of Observer Collected Data from the Namibian Fishing Fleet by Different Stakeholders and Causes, Consequences and Solutions of Biases. Voges, E.*
	Visualizing Observer Data Haigh, R.*
	Estimating Discards in United States Commercial Fisheries Desfosse, L.*; Karp, W. A.; Barkas, J.; Brooke, S.
	A Preliminary Evaluation of Discard Reporting Biases in At-sea Observer Program for

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	<p>British Columbia Trawl Fisheries Grinnell, M.*; Cox, S.; Stanley, R.</p> <p>Bias Associated with Mandatory vs Voluntary Observer Programs Carlson, J.*; Morgan, A.; Burgess, G.</p> <p>An Alternative Estimator for Fishery Discards using Bayesian Statistics Kaiser, M.S.; Trumble, R.J.*</p> <p>Expanding the Uses of Data Collected from Observer Programmes: Cetacean Observations Davis, C.G.*</p>
10:30 AM	Coffee and Tea
	<p>Use of Observer Data in Estimating and Mitigating Loggerhead Sea Turtle Bycatch in U.S. Mid-Atlantic Bottom Otter Trawl Gear Murray, K.T.*</p> <p>Azores Fisheries Observer Program (POPA): A Case Study of the Multidisciplinary Use of Observer Data. Machete, M.*; Morato, T.; Silva, I.; Seabra, M.; Santos, N.; Carvalho, P.</p> <p>In-season Fisheries Management: A Study of Northeast Fisheries Observers and the 2006 Atlantic Sea Scallop Fishing Season. Quinn, S.*; Kupcha, E.</p> <p>Use of Shrimp Trawl Bycatch Data in Gulf of Mexico Red Snapper Assessments. Nance, J.*</p> <p>Determination of Discards of Georges Bank Cod from Species Composition Comparison. Van Eeckhaute, L.*; Gavaris, S.</p> <p>Using Observer Data for Standardised Catch per Unit Effort Analyses. Koopman, M.T.,*; Walker, T.I.; Gason, A.S.</p>
12:00 PM	Lunch
1:00 PM	<p><i>Session B2 - How to Achieve Fishery Monitoring by Integrating Multiple Data Collection Tools? Moderator: Bob Stanley</i></p> <p>Designing Effective Fishery Monitoring Programs - The Fisheries Management Perspective. Sullivan, G.*; Tremblay, D.</p> <p>The Essential Elements that Led to Successfully Establishing an Economic Data Collection Program through an Existing Observer Program. Minling Pan*; Timothy Ming</p> <p>The Use of Multiple Data Collection Tools: Monitoring the Commercial Fishery for Pacific Halibut. Hutton, L.M.*</p> <p>Comparisons of Observed Versus Unobserved Landings to Verify Maximum Retention. Jones, R.*; Bryant, B.; Gao, Y.</p> <p>At-Sea Observing Using Electronic Monitoring: An Audit-Based Approach for Fisher Logbooks in British Columbia's Groundfish Longline Fishery. Stanley, R.*; McElderry, H.; Trager, D. M.</p> <p>A Review of Fish Monitoring Programmes in Ghana. Entsua-Mensah, R.*</p> <p>Ecosystem Based Fisheries Management and the Convergence of Electronic Monitoring Systems and Traditional Observer Functions. Stanley, R.*; Kranz, L.; Wallner, B.; Begg, G.; Auld, S.; Lamb, T.</p>
1:00 PM	<p>Concurrent Session</p> <p><i>WG2 - Observer Safety Work Group</i></p>
2:30 PM	Coffee and Tea
3:00 PM	<i>Session B3 - How To Address Information Requirements For Fisheries That Are Difficult to Monitor? Moderator: Bruce Wallner</i>

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	<p>Illegal Fishing and Estimates of the Total Fish Production in Panguil Bay, Philippines. Adan, E.*</p> <p>Monitoring Small Scale Commercial Fisheries Vestre, J.*</p> <p>Assessing Protected Species Bycatch Across New Zealand Inshore Fleets Rowe, S.*; Norden, W</p> <p>Fisheries Observers Aboard Small Vessels: Problems and Considerations. Baremore, I.E.*</p> <p>Endangered Australian Sharks and their Interactions with Line Fishing in Coastal Waters Macbeth, W.*</p> <p>The Utility of Observers in Low-value Fisheries: What do “Snap-shot” Observations Provide? Begg, G.*; Wallner, B.; Stanley, R.; Auld, S.; Kranz, L.; Smith, T.</p>
3:00 PM	<p>Concurrent Session</p> <p><i>WG3 - Observer Professionalism Work Group</i></p>
4:30 PM	Session Concludes
6:30 PM	Conference Banquet (Empress Ballroom)
	Friday, May 18
8:30 AM	<p><i>Session P7 - What Can Be Shared Between Fishery Monitoring Programs Throughout The World? Moderator: Mark Showell</i></p> <p>Functions of Fisheries Observers Onboard EU Fishing Vessels. Monteiro, S.*; Vazquez, J.</p> <p>Development of Best Practices for the Collection of Longline Data to Facilitate Research and Analysis to Reduce Bycatch of Protected Species. Cornish, V.R.*; Dietrich, K.; Rivera, K.; Conant, T.</p> <p>Co-training between FMA and WCFSC: A Successful Partnership. Mason, B*; LaFargue, J.</p> <p>International Sharing of Materials and Staff in the Pacific Community. Golden, D.*</p> <p>Thirty Years of the IATTC Observer Program: Adapting to Change in a Dynamic Fishery Altamirano, E.*</p> <p>Lending A Hand: Providing assistance to the International Commission for the Conservation of Atlantic Tunas in the formation of its Regional Observer Program Blankenbeker, K.*; Turk, T.</p> <p>OBIS - the ‘Leading Wave’ of Worldwide Marine Species Data Integration Branton R. M.*</p>
10:00 AM	Coffee and Tea
10:30 AM	<i>Plenary Session – Summaries of Work Group Sessions WG1, WG2, WG3</i>
12:00 PM	Lunch
1:00 PM	<i>Plenary Session – Summaries of Breakout Sessions B1, B2, B3</i>
2:00 Pm	<p>Concluding Session</p> <p>Endnote Presentations</p> <p>Where to from here?</p>
4:00 PM	Conference Concludes
6:30PM	Optional Social Event - Mungo Martine House (WAWADIT’LA)

POSTER SESSION

Monitoring Challenges in a Rationalized Fishery

Anderson, J.*; Kinsolving, A.

The Use of Scientific Observer Data in CCAMLR Management Decisions for High Seas Antarctic Fisheries

Appleyard, E.*; Sabournekov, E.N.

A portable electronic data capture system for recording observer data in the field.

Ayers, R*

Observer Programs in El Salvador

Barahona, D.*; Salaverria, S.; Siu, S.

100% Observer Coverage in the Directed Shark Drift-Gillnet Fishery: Spending the Winter in Sunny Southeast Florida

Bethea, D.M.*

Achieving observer professionalism and credibility through observer knowledge base retention.

Bing-Sawyer, E*

Seabird mortality in the Argentine trawl fleet: A joined initiative between NGOs, Academia and the Government

Blanco, G.*; Favero, M.; Rabuffetti, F.

The impact fisheries regulations and poaching on fish supply of the lakes in north-western European Russia (Vologda region)

Bolotova, N. L.*; Konovalov A.F.; Borisov M.Yn.

Improving Outreach in Fisheries Observer Programs

Brooke, S.*

Advantages and disadvantages of contract observers at the Pacific Islands Regional Observer Program

Busscher, K.*

A photographic guide for identification of South West Atlantic's seabirds. An observer contribution for observers.

Cañete, G.*; Royo Celano, M.

A Comparison between observed and unobserved vessels data of the Spanish Northeast Atlantic Bottom Trawl Fisheries

Carbonell, A.*; González Herraiz, I.; Punzón, A.; Ruiz, J.; Valls, M.; Pérez, N.

Fisheries Observer Program on board of Associated Foreign Vessels in Ecuador

Cedeño, I.*; Solano, F.

ZoNéCo programme for sustainable management of marine resources of New Caledonia's EEZ Diversity of study scales and complexity of methods and disciplines

Chavance, P.*; Rivaton, A.; Torreton, JP; Farman, R.,

Observers as Educators in the Fishing Industry

Combs, J.*

The Uruguayan pelagic longline fishery: how is it monitored?

Cornes, M.*; Miller, P.; Jiménez, S.; Abreu, M.; Domingo, A.

New Projects for Monitoring the Venezuelan Fishing Fleet in the Caribbean Sea and in the Western Middle Atlantic Ocean that Would be Integrated in a Data Base for Fisheries Management

Manuel J. Correia A.*; Alvin, Delgado M.; Carlos E. Giménez B.

Industry-funded Sea Scallop Observer Program: An Observer Provider's Perspective

Cygler J*; Cygler K

Interaction between Cetaceans and Pole-and-Line Tuna Fishery in the Azores

Dâmaso, C.*; Gonçalves, J.M.; Machete, M.; Santos, R.S.

Guardians of the Sea: a collection of International Fisheries Observer Short-stories

Davis, K.*

Safety at sea

DeGruchy, W*; Beazley, R

POSTER SESSION

The missing value: who cares about razor clams?

Del Piero, D*

Integrated Weight Longlines with Paired Streamer Lines – Best Management Practice for Demersal Longline Fisheries

Dietrich, K.*; Melvin, E.; Conquest, L.

IPHC Stock Assessment Surveys as Platforms of Opportunity for Cooperative Research

Dykstra, D.L.*; Geernaert, T.O.

Caspian Sea, sturgeon fishes and exploitation by Iran

Alimohammadi, S.; Falahatkar, B.*

Utilization of Fisheries Observers in Mapping Deep-Sea Corals off Newfoundland, Labrador, and Baffin Island, Northwest Atlantic Ocean

Wareham, V.E.*; Firth, J.R.; Beazley, R.

Collaboration in Observer Data Collection: An Example of Observer Initiated Collaboration in the Tagging of California Halibut (*Paralichthys californicus*) in the Northern Central California Trawl Fleet

Forest, B. J.*

Pilot Survey on the Challenges of the Hawaii Longline Observer Program: The Observer Perspective

Gore, K.; Golden, D.

Observing multiple fisheries in the US southeast - Doing more “floating” than usual.

Gulak, S. J. B.*

Consequences of Non-Compliance

Hale, L.*

Recommendations for Improving Vessel Selection Bias in U.S. Observer Programs

Hansford, D. C.*

Field Identification of roundscale spearfish, *Tetapturus georgii*, in the northwestern Atlantic

Hinteregger, G. F.*

Rapid availability of commercial salmon catch reports from fishing grounds, via web-based data-entry by call-center staff.

Houtman, R.*

Estimation of sharks bycatch in Korean tuna longline fishery by on-board observers

Seon-Jae H.*; Soon-Song K.; Dae-Yeon M.; Doo-Hae A.

Ecosystem-based management and fishery monitoring program design

Justin, B.*

Building An Efficient Working Relationship Between Fishermen And Observers.

Kardas, A.*

Pacific Islands Observer Program

Kelly, J.*

Status and impact of the Prawn Fishery in Malindi – Ungwana Bays: Implications for Management and Conservation

Shikami K. A

Developing an Electronic At-Sea Data Entry System for Observers from New Zealand’s Ministry of Fisheries.

George, K.*

Why are quota species being discarded in the Southern and Eastern Scalefish and Shark Fishery?

Koopman, M.T.*; Gason, A.S.; Walker, T.I.

Observer At-Sea Data Collection Project

McBride, H.*; Jackson, O.; Kupcha, E.; North, B.

End users of observer data: Who uses the data observers collect, and how?

Lescher, Timothy*

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The Role of Observer Data in Reducing Marine Mammal – Fisheries Interactions

Long, K. J.*

Observer Program developed by Projeto Albatroz, Brazil

Mancini, P. L.*; Neves, T. S.

Data Quality: Ways to improve Observer Data

McArdle, K.*

Data standardization as a mode to facilitate sharing/exchanging observers between regions.

McIntosh, N.*

A Hands On Approach to Safety Training

McVeigh, J.*; LaFargue, J.

Strengthening Observer Programs Through Advocacy and Education

Mitchell, E.*; Davis, K.

Educational observer onboard fishing vessels in Brazil

Monteiro, S.*; Neves, T.; Luis, A.

U.S. Coast Guard Commercial Fishing Vessel Safety Program

Murphy, P.

Monitoring and Managing Incidental Catch: A Case Study in the Atlantic Sea Scallop (*Plactopecten magellanicus*) Fishery

Nordeen, C.*; Christopher, P.; Caless, D.; Wilhelm, K.

Addressing the sea turtle by catches in the longline fisheries: the panamanian observer program in the eastern pacific.

Pacheco, L.*; Segura, A.; Mug, M.; Andraka, S.; Mituhasi, T.; Hall, M.

Role of NGO and fisheries Sector Cooperation in the management of fishery in South Indian state

Paimpillil, Joseph Sebastian*

The role of veterinarians to reduce long-line related mortality of sea turtles

Parga M. L.*; Alegre F.

The French tropical tuna purse seine fisheries observer program

Pianet R.*; Chavance P.; Bez N.; Damiano A.

Peruvian Fishing and Discharge Control Program.

Ponce R.*

Trial observer program for Indonesia's tuna longline fishery in the Indian Ocean

Sadiyah, L.; Andamari, R.; Iskandar, B.; Proctor, C.*

Important elements and considerations in the design of fishery monitoring programs

Reid, H.*

Improving the quality of shark and billfish species identifications in fishery-dependent data

Román-Verdesoto, M.*; Vogel, N.

Quantifying Coral Bycatch in New Zealand Orange Roughy and Oreo Fishing Fleets

Norden, W.; Rowe, S.*

Discards onboard sampling in the Basque Country fleet (North Spain) in the North East Atlantic

Ruiz, J.*; Gonzalez, I.; Santurtun, M.; Artetxe, I.

Electronic Monitoring in the Area "A" Crab Fleet: An Industry Initiative

Scherr, J.; Rusch, B.; Gould, G.; Edwards, P.; Bidese, N.; Vermeer, M.

An Observer Program for Marine Turtle By-catch Mitigation in Long-line fisheries across the Eastern Pacific Ocean

Mug, M.; Hall, M.; Mituhasi, T.; Segura, A.*; Vogel, N.; Andraka, S.

Crab Identification Verification in the North Pacific Groundfish Observer Program

Davis, S.*; Stevenson, D.

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Improving the Knowledge Base and Identifying Management Options for the Reduction of Sea Turtle Interactions in Vietnamese Fisheries -Preliminary Assessment of Hotspots and Recommended Next Steps for

Symington, K.*; Dung, P.H.; Thuy, N.T.D

Sharing training methodologies and resource materials: benefits and limits

Thompson, L.*; Mason, B.

Integrating Multiple Monitoring Data Collection Tools - The Fishery Management Perspective

Tremblay, D.*

Propagation of uncertainty in bycatch estimates through VPA stock assessment models

Cooper, A.B.; Trumble, R.J.*

Application of Differential Evolution Algorithms to Optimize Welfare in the Northern Prawn Fishery in Australia

de Souza, S.V.*; Gondro, C.

Trends of data quality in relation to observers' length of employment.

Van Atten, A.S.*; McArdle, K.; Quinn, S.; Yoos, P.

Peruvian Experience in Fisheries Observer Programs and Scientific monitoring

van Oordt, F.*

Training Videos - Development of Videos for the purpose of training observers

Vechter, M.*

Suggested Method for Improving Comprehension Recollection in Observer Trainees

Vieira, S.*

Artisan Longline Fisheries Observer Program In Guatemala

Villagran, E.*; Perez, S.

The development of the Observer Program for the Deep-Sea Fishery in Brazilian EEZ

Wahrlich, R.*

Developing tools to assess bycatch trends using fisheries observer data

Wallace, B.*; Bjorkland, R.; Cox, T.; Dunn, D.; Kot, C.; Long, A.

Beyond the nesting beaches - Addressing marine turtle by-catch

Zulkifli, R.*; Cabanban A.; Kassem K.
