



| Time | Day 1 – Monday 29 August 2016 | |
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| | Registration Open | |
| 0900 - 1030 | Plenary Session | |
| | 0900 - 0920 | Welcome By Mr Dennis HANSFORD |
| | 0920 - 0945 | Guest Speaker: Mr Bill KARP |
| | 0945 - 1030 | Keynote Address: Mr Samuel RAUCH |
| 1030 - 1100 | Morning Tea | |
| 1100 - 1145 | Panel: What Can We Learn From Observer Programs Around The World? | |
| | Session Leader: Chris Rilling | |
| | Paper 167: Strengthening The U.S. National Observer Program, Ms Jane DICOSIMO | |
| | Paper 160: Pacific Island Forum Fisheries Agency Observer Programme, Mr Phillip LENS | |
| | Paper 140: Broadening The Scope - Challenges Ahead For New Zealand's Ministry For Primary Industries Observer Programme, Mr Alexander WOODS | |
| | Paper 135: Has The Future Arrived Yet For The Scottish Industry Observer Programme, Mr Kenny COULL | |
| | TBC | |
| | Paper 54: Pre-Requisites Matter: An Examination Of Applicant Qualifications And Performance, Ms Gwynne SCHNAITTACHER | |
| Paper 103: Implementation Of Discard Research Programs, Mr Luis COCAS | | |
| 1145 - 1230 | Discussion | |
| 1230 - 1330 | Lunch | |
| 1330 - 1415 | Panel: How Do We Train And Prepare Observers, Provide Opportunities For Personal Growth And Reward Performance? | |
| | Session Leader: Amy Martins | |
| | Paper 173: Preparing For Life On The High Seas...In An Office, Mr Benjamin DUFFIN | |
| | Paper 156: How The Pacific Community Trains And Prepares Observers, And Provides Opportunities For Professional Growth, Mr Siosifa FUKOFUKA | |
| | Paper 67: Resolve This! Skills To Train Observers In Conflict Negotiation, Ms Christa COLWAY | |
| | Paper 110: Establishing A Reliable And Well Trained Former Longliners To Increase Survival Rate Of Chelonia Mydas, Lepidochelys Olivacea, Eretmochelys Imbricata, Dermochelys Coriacea, Natatodepresus, And Caretta Caretta In Hindia And Pasific Ocean, Mr Wahyu Teguh PRAWIRA | |
| | Paper 107: Strengthening Capabilities And Encouraging On Board Observers Of The Programme "Programa Bitacoras de Pesca (PBP)" Of Perú, Mrs Marilú BOUCHON, Mr Julio LIMACHE, Mr Gersson ROMAN, Ms Cecilia PEÑA, Ms Sofia RIVADENEYRA, Mr Manuel OCHOA | |
| | Paper 57: Observers As The At-Sea Scientist: Our Experiences With Fisheries Research, Ms Jennifer CAHALAN | |
| Paper 64: From Deck Sheets To Spreadsheets; Integrating Observers Beyond Data Collection, Miss Lindsey NELSON | | |
| 1415 - 1500 | Discussion | |



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| 1500 – 1530 | Afternoon Tea |
| 1530 – 1615 | Panel: How Can Fisheries Observers Improve The Quality, Diversity And Use Of Fisheries Dependent Information? |
| | Session Leader: John Kelly |
| | Paper 41: Applying Rigorous Random Sampling Techniques In A Commercial Fishery Environment, Mr Brian MASON |
| | Paper 55: Scientific Data Collection In A Fishery Dependent World: Have Your Hake and Eat it Too, Ms Vanessa TUTTLE |
| | Paper 133: Successful Fisheries Management Requires A Thorough Understanding Of Fishers Behaviour - What Can Observers Do?, Mr Ruben VERKEMPYNCK, Mr Michiel DAMMERS , Mrs Marloes KRAAN, Miss Brita TRAPMAN |
| | Paper 25: Using Observer Data To Quantify The Effectiveness Of Eulachon Smelt Bycatch Reduction Devices In The U.S. West Coast Pink Shrimp Fishery, Mr Bo WHITESIDE , Mr Jason JANNOT, Mr Ryan SHAMA |
| | Paper 30: Beneficial Trends In Catch Monitoring, Mr Julian HAWKINS |
| | Paper 97: Crew-Based Observer Programme Of WWF Pakistan: A Possibly Dependable System Of Observer On A Small Scale Small Fisheries Of Indian Ocean Countries, Mr Muhammad Moazzam KHAN |
| 1615 – 1700 | Paper 175: Seabird Intensive Observer Training Programme Of BirdLife International, Dr Yuna KIM , Ms Bronwyn MAREE, Dr Cleo SMALL, Dr Ross M. WANLESS |
| | 108: 26. New Forms Of On Board Observer Scientific Vessels For Monitoring The "El Niño" Events, Mr Manuel OCHOA, Ms Cecilia PEÑA , Mrs Marilú BOUCHON, Mr Gersson Roman, Mr Noel DOMÁNGUEZ, Mr Julio LIMACHE |
| 1800 – 2000 | Welcome Reception On The Beach |

| Time | Day 2 - Tuesday 30 August 2016 |
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| | Registration Open |
| 0900 - 0945 | Panel: Reducing Risk In High Risk Job |
| | Session Leader: John LaFargue |
| | TBC |
| | Paper 168: Fisheries Observer Programs And Safety: Comparisons Between The United States, New Zealand, And Australia, Ms Brianna BOWMAN |
| | Paper 13: It's Never Going To Happen To Me...Until It Does: A Summary Of Safety Related Incidents Encountered By Observers In The Northeast Fisheries Observer Program, Mrs Lauren CARROLL , Mr Mike TORK |
| | Paper 137: Sexual Harassment - Prevention And Education, Ms Jaclyn SMITH, Ms Julie DALE |
| | Paper 12: Reducing Risk In A High Risk Job, Mr Philip BROWN |
| 0945 - 1030 | Paper 158: Reducing Risk In A High Risk Job - A Pacific Islands Perspective, Mr Peter GRAHAM |
| | Paper 26: Recent Actions In The WCPFC To Improve Observer Safety And Security, Mr Karl STAISCH, Mr Bubba COOK |
| 0945 - 1030 | Discussion |



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| 1030 - 1100 | Morning Tea |
| 1100 - 1145 | Panel: Can Observers Effectively Perform Scientific And Compliance Functions |
| | Session Leader: Judy Dwyer |
| | Paper 141: The Collection Of Compliance Related Data By CCAMLR Scientific Observers, Mr Isaac FORSTER |
| | Paper 91: Connecting The Dots: Lessons From The Establishment Of The PNA Observer Agency, Mr Duncan SOUTER , Mr David BYROM, Dr Transform AQUORAU |
| | Paper 9: Finding A Balance Between Scientific And Enforcement Data Collection, Mr Andrew WHATLEY |
| | Paper 10: The Synergistic Relationship Between Compliance Monitoring And Scientific Data Collection In The North Pacific Observer Program, Ms Melanie RICKETT |
| 1145 - 1230 | Paper 66: Highlights From A Marriage Of Science And Compliance In The North Pacific, Mr Nathaniel LAGERWEY , Ms Jaclyn Smith |
| | Paper 102: How Transparent Reporting Helps Keep Observers Safe, Ms Elizabeth MITCHELL , Mr Simione CAGILABA |
| 1145 - 1230 | Discussion |
| 1230 - 1330 | Lunch |
| 1330 - 1415 | Panel: What Are The Latest Technology Trends For Fisheries Monitoring Programs? |
| | Session Leader: Dennis Hansford |
| | Paper 81: Electronic Eye Plus: Electronic Monitoring Trial For Tropical Tuna Purse Seiners, Mr Iñigo KRUG , Mr Greg Hammann, Mr Jon RUIZ, Mr Oscar GONZALEZ, |
| | Paper 32: Trialling smartphones for improved fisheries Data Collection And Monitoring – Lessons Learned From Madagascar, Miss Victoria JEFFERS , Dr Frances HUMBER |
| | Paper 132: Sector ASM Data Entry Android Application For The Northeast Fisheries Observer Program And At-Sea Monitoring Program, Miss Erin KUPCHA |
| | TBC |
| | Paper 5: Electronic Monitoring As A Compliance Tool In The U.S. West Coast Groundfish Catch Share Fishery, Mr Dave COLPO , Ms Courtney DONOVAN |
| | Paper 86: The Use Of Commercial And Recreational Vessels As Marine Data Collection Platforms: Opportunities, Constraints And Solutions, Dr Amos BARKAI |
| 1415 - 1500 | Paper 90: Affordable Real-Time Satellite Data For Fishery Observer Technology: A Case Study Examining The Development And At-Sea Testing With The Pacific Islands Regional Observer Program, Mr Mathieu DAVID |
| | Paper 136: In Reach Satellite Communication Device In The IATTC Observer Program, Mr Bryan BELAY |
| 1415 - 1500 | Discussion |
| 1500 - 1530 | Afternoon Tea |
| 1530 - 1615 | Panel: What Are The Challenges With Integrating Electronic Monitoring / Electronic Reporting Technology Into Fishery Monitoring Programs? |
| | Session Leader: Howard McElderry |
| | Paper 166: Implementation Of Electronic Monitoring In The U.S., 2016 -2018, Ms Jane DICOSIMO , Mr Farron WALLACE |
| | Paper 116: Implementing EM In The West Coast Groundfish Trawl Fishery--Working The Process and Partnerships, Ms Melissa HOOPER , Dr Stephen FREESE |
| | Paper 75: Electronic Monitoring In Northeastern Fisheries, Mr Brett ALGER , Mrs Nichole ROSSI |
| | Paper 15: Development Of Video Electronic Monitoring System To Estimate Smalltooth Sawfish And Other Protected Species Interactions In Shrimp Trawl Fisheries, Dr John CARLSON , Dr Elizabeth SCOTT-DENTON |
| | Pape 29: Addressing Some Of The Barriers To Acceptance Of Remote Electronic Monitoring In European Fisheries, Ms Helen MCLACHLAN |
| | Paper 42: Man V's Machine - Monitoring Australian Fisheries 2016, Mr Chris BURNS |
| 1615 - 1700 | Paper 138: The Challenge Of Electronic Monitoring Integration: Understanding The Data And Data Exchange Myths And Challenges, Mr Andrew FEDORUK |
| | Paper 118: Comparing The Costs Of Human Versus Electronic Monitoring: Issues, Case Studies, And Economic Analysis, Dr Gil SYLVIA , Dr Michael HARTE, Dr Christopher CUSACK |
| 1615 - 1700 | Discussion |
| 1800 - 2000 | Poster Reception |



| Time | Day 3 – Wednesday 31 August 2016 | |
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| | Registration Open | |
| 0900 - 1030 | Workshop 1 | |
| | 0900 – 1030 | Observer Professionalism Workshop |
| 1030 - 1100 | Morning Tea | |
| 1100 - 1230 | Workshop 1 cont. | |
| | 1100 – 1230 | Observer Professionalism Workshop |
| 1230 - 1330 | Lunch | |
| 1330 - 1500 | Workshop 2 | |
| | 1330 – 1500 | Electronic Monitoring Workshop |
| 1500 – 1530 | Afternoon Tea | |
| 1530 - 1700 | Workshop 2 Cont. | |
| | 1530 – 1700 | Electronic Monitoring Workshop |

| Time | Day 4 – Thursday 1 September 2016 | |
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| | Registration Open | |
| 0900 - 0945 | Panel: How do We Best Monitor Recreational And Pay-For-Hire (Charters) Fisheries? | |
| | Session Lead: Andrew France | |
| | Paper 154: How Do We Best Monitor Recreational And Pay-For-Hire (Charter) Fisheries?, Mr Samuel BEAR | |
| | Paper 123: Canada's Internet Recreational Effort And Catch ("iREC") Survey: 3 Years In, Dr Rob HOUTMAN , Dr David O'BRIEN | |
| | Paper 144: Public Private Partnerships In Fisheries Data Collection, Mr Stefan SAWYNOK | |
| | Paper 127: Potential Roles For Observers In The Recreational And For Hire Fisheries, Mr Patrick CARROLL | |
| | Paper 121: Canada's Internet Recreational Effort And Catch ("iREC") Survey: Next Steps, Dr David O'BRIEN , Dr Robert HOUTMAN | |
| | Paper 177: Surveying Angler Expenditures For Commercial Passenger Fishing Vessel Trips In Non-US Waters From San Diego, Mr Charles VILLAFANA , Mr James HILGER, Ms Rachel MAHLER | |
| 0945 - 1030 | Discussion | |



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| 1030 - 1100 | Morning Tea |
| 1100 - 1145 | Panel: How Do We Observe And Monitor Artisanal Fisheries? |
| | Session Lead: Chris Burns |
| | Paper 49: Satellite Monitoring And Safety For Artisanal Fisheries, Mr Etienne KLEIN |
| | Paper 111: The Challenging Of Observer In Industrial Scale And Artisanal Scale Fisheries In Indonesia, Mr Dwi ARIYOGAGAUTAMA, Mr Wahyu Teguh PRAWIRA |
| | Paper 95: Collective Fish Counting And Democratic Conservation Trials In Vembanadu Backwaters (S.India), Dr Joseph Sebastian PAIMPILLIL |
| | Paper 62: Rockfish Wanted, Dead Or Alive: An Overview Of The Oregon Nearshore Fishery, Mr Scott LEACH |
| | Paper 94: From Industrial To Artisanal Fisheries: A Challenge For The Peruvian On Board Observers Programme "Programa Bitacoras De Pesca (PBP)", Mr Gersson ROMAN, Mrs Marilu BOUCHON, Mr Julio LIMACHE, Ms Sofia RIVADENEYRA, Ms Cecilia PEÑA, Mr Manuel OCHOA |
| | TBC |
| | Paper 172: Challenges And Lessons Learned In Assisting In The Development Of Observer Programs In Central America, Ms Sandra ANDRAKA, Mr Alvaro SEGURA, Mr Michael OSMOND |
| | Paper 170: Development Of Low Cost Electronic Monitoring Systems, Mr Mike OSMOND, Mr John WANG, Mr Jacob ISAAC-LOWRY |
| 1145 - 1230 | Discussion |
| 1230 - 1330 | Lunch |
| 1330 - 1415 | Panel: How Much Observer Coverage And Monitoring Is Enough? Methods For Reducing And/Or Incorporating Biased Data Collection |
| | Session Lead: Liz Scott-Denton |
| | Paper 114: Using Statistical Methods To Improve Regional Catch Sampling, Ms Kirsten HÅKANSSON, Ms Marie STORR-PAULSEN, Ms Liz CLARKE, Mr Alastair POUT, Ms Chun CHEN, Mr EDWIN VAN HELMOND |
| | Paper 59: Is It Always Safe To Assume Normality When Constructing The Confidence Limits For The Bycatch Estimates?, Dr Yong-Woo LEE |
| | TBC |
| | Paper 20: How Does Variation In Observer Coverage Influence Our Estimates Of Fishery Dependent Mortality?, Dr Jason JANNOT, Dr Yong-Woo LEE, Ms Marlene BELLMAN, Mr Jon MCVEIGH, Dr Kayleigh Somers |
| | Paper 130: Evaluating Bias In An Observer And Self-Sampling Discard programme, Mr Michiel DAMMERS, Mr Ruben VERKEMPYNCK, Mrs Chen CHUN, Mr EDWIN VAN HELMOND |
| | Paper 159: All or None. How Partial Coverage Is A Bias In Itself, Mr Rand ROMAS |
| Paper 58: The EU landing Obligation And Its Impact On Discard Data, Dr Lisa BORGES | |
| 1415 - 1500 | Discussion |
| 1500 - 1530 | Afternoon Tea |
| 1530 - 1615 | Panel: Can Data From The Fishing Industry Be Used To Monitor Fisheries Compliance, Seafood Traceability And/Or Fisheries Certification? |
| | Session Lead: Lisa Borges |
| | Paper 150: Fisheries Information Management System, Mr David KARIS |
| | Paper 46: Using Technology To Improve And Verify Fisher Self-Sampling, Mr Grant COURSE |
| | Paper 131: The Landing Obligation And MSC Certified Fisheries, Ms Lisa BORGES |
| | Paper 79: Credible Net To Plate Traceability And Ecolabeling In The Tuna Sector Is Possible, But At A Cost: Lessons From PNA's MSC Group Chain Of Custody Scheme, Mr Maurice BROWNJOHN |
| | Paper 47: Marine Stewardship Certification Of The South African Hake Trawl Fishery – The Development Of A Client-Based Observer Programme And Data Collection Protocol, Mr Victor NGCONGO, Mrs Melanie SMITH, Mr David JAPP |
| Paper 174: Regional Observer Program In Western Indian Ocean Region, Mrs Jeromine FANJANIRINA | |
| 1615 - 1700 | Discussion |
| 1900 - 2300 | Conference Dinner |



| Time | | Day 5 – Friday 2 September 2016 |
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| | | Registration open |
| | | Panel: How Can Fisheries Monitoring Programs Support An Ecosystem Based Approach To Fisheries Management |
| | | Session Lead: Eric Gilman |
| | | Paper 3: Designing Fisheries Monitoring Programs To Meet Ecological Data Requirements For Ecosystem-Based Fisheries Management, Dr Eric GILMAN |
| | | Paper 124: What Level Of Fisheries Monitoring Is Required? An Ecosystem Risk-Based Approach For Identifying Required Levels Of Monitoring Programs For Pacific Coast Fisheries, Ms Katie BEACH , Ms Carole EROS, Mr Howard STIFF |
| 0900 - 0945 | | Paper 146: Azores Fisheries Observer Program And COSTA Project: An Example Of Cooperation To Achieve Sea Turtle Conservation Objectives, Mr Miguel MACHETE , |
| | | Paper 87: Interactions Between Marine Mammals And Peruvian Purse Seine Fishery: Importance Of The On Board Observers, Miss Sofia RIVADENEYRA VILLAFUERTE , Mr Gersson ROMAN AMANCIO, Mrs Elisa GOYA SUEYOSHI |
| | | Paper 39: Discard Trends In A Rationalized Fishery, Dr Kayleigh SOMERS , Dr Jason JANNOT, Mr Jon MCVEIGH |
| | | Paper 80: Discard And Bycatch Research Program In The Chilean Pelagic Purse Seine Fleets: A Work-Based Approach With Fishermen, Dr Rodrigo VEGA , Mr Oscar GUZMAN |
| | | Paper 16: Using Bite Times To Adjust Longline Soak Times And Increase Efficiency While Reducing Protected Species Interactions, Mr Matthew DUFFY |
| 0945 - 1030 | | Discussion |
| 1030 - 1100 | | Morning Tea |
| 1100 - 1200 | | Wrap Up |
| | 1100 - 1200 | Wrap-Up And Where To From Here? |

| Poster Listing | |
|---|--|
| What Can We Learn From Observer Programs Around The World? | |
| | Paper 6: Situation Du Gabon, Mr Paulin Franck MBEME OTSAGHA |
| | Paper 43: Observers - The Face Of Fisheries Management, Mr David SCHUBERT |
| | Paper 56: 40 Years Of Observer Data In The At-Sea Hake Fishery, Ms Vanessa TUTTLE |
| | Paper 70: Meeting The Observer Training And Debriefing Challenges Of The West Coast Groundfish Catch Share Program, Mr Ryan SHAMA |
| | Paper 71: Five Years Post Rationalization: Changes In Fishing Behaviors Observed In The Astoria Groundfish Catch Share Fleet, Dr Yong-Woo LEE , Mr Phillip BIZZELL |
| | Paper 106: Peruvian Logbook On-Board Program: Living With The Enemy, Ms Cecilia PENAS , Mrs Marilao BOUCHON , Mr Julio LIMACHE, Mr Gersson ROMAN |
| | Paper 120: The Importance Of Fishery-Dependent Biological Data Collection By The At-Sea Observer, Mr Taylor HOWE |
| | Paper 149: Six Basic Questions For Building An Observer Program, Mr Stuart ARCENEUX |
| | Paper 157: Implementation Of A Discards And Bycatch Research Program In Chile, Mr Marcelo San MARTIN , Miss Catalina ROMAN, Mr Juan Carlos SAAVEDRA |
| | Paper 161: Integrated Monitoring In A Disaggregated Fishery, Mr Timothy PARK |
| How Do We Train And Prepare Observers, Provide Opportunities For Professional Growth And Reward Performance? | |
| | Paper 27: Training Strategies For Retaining Observers And Minimizing Turnover, Mr MATTHEW KEMP |
| | Paper 33: The Evolution Of Effective Training Techniques In The At-Sea Hake Observer Program (A-Shop), Ms Cassandra DONOVAN |



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| Paper 36: Building Community In The West Coast Observer Program Through Outreach, Mr Jon MCVEIGH , Ms Rebecca HOCH |
| Paper 44: Exploring The Relationship Between Long-Time Priors And Newer Observers: How Can We Make The Most Of Experience?, Mr Dennis JASZKA |
| Paper 142: Increasing Observer Job Satisfaction Through Career Services, Mr Stewart DESMEULES |
| Paper 155: How Do We Train And Prepare Observers, Provide Opportunities For Professional Growth, And Reward Performance?, Mr Samuel BEAR |
| Paper 163: Survey Design To Identify Incentives And Disincentives To Continue As U.S. Fishery Observers, Dr Yuntao WANG , Ms Jane DICOSIMO |
| Paper 168: A Career In Observing, Mr Matthew CUNNINGHAM |
| Paper 171: Investment Opportunities: Determining Factors Which Result In The Long-Term Retention Of Fisheries Observers, Ms Jessica N. MILLER |
| How Can Fisheries Observers Improve The Quality, Diversity And Use Of Fisheries Dependent Information? |
| Paper 11: Pacific Salmon Identification: Are We Doing Enough?, Mr Roy MORSE |
| Paper 38: The Evolution Of Scientific Sampling In The North Pacific, Mrs Kayla UALES , Mr Brian MASON |
| Reducing Risk In High Risk Job |
| Paper 21: An Analysis Of The Current Bed Bug (C. lectularius) Infestation Occurring In The Hawaii-Based Longline Fleet And Its Effects. Ms Jennifer SCHULTES |
| Paper 37: NMFS Safety Program Review, Mr Richard KUPFER |
| Paper 40: Observer Safety On The U. S. West Coast, Vessels 18 To 680 Feet In Length, Mr Thomas HOLLAND , Mr Scott LEACH |
| Paper 51: Bed Bugs: Pest Or Potential Marine Safety Hazard, Mr Kenneth KEENE |
| Paper 77: Conducting Effective Drills During Observer Safety Training: Building Muscle Memory And A Strong Safety Culture, Mrs Adriana MYERS |
| Paper 100: Reducing Risk In A High Risk Job, Ms Lauren KREGEL |
| Paper 104: Observer Safety: Communication And Education, Mrs Katie HERRERA |
| Paper 117: Timeline And Lingering Questions Regarding The Disappearance Of A Transshipment Observer, Ms Elizabeth MITCHELL |
| Paper 125: Classifying Hazards To Observers: Analyzing Current Training And Suggestions For Improvement, Mr Patrick CARROLL |
| Can Observers Effectively Perform Scientific And Compliance Functions |
| Paper 134: Multi-Use Observer Data Allows Observers To Perform Scientific And Compliance Functions, Ms Alicia MILLER |
| Paper 165: Observers and Compliance Issues, Mr Matthew CUNNINGHAM |
| What Are The Latest Technology Trends For Fisheries Monitoring Programs? |
| Paper 23: Electronic Monitoring To Support Transparency And Efficient Management For Long-Term Sustainable Fishing, Mr Javier DE LA CAL |
| Paper 28: Innovations In Technology For Use By Observers And Observer Programs, Mr Bubba COOK |
| Paper 34: Electronic Data Collection Application For Dockside Observers, Ms Taylor KERI , Mr Kevin ROMANIN |
| Paper 5: Electronic Monitoring As A Compliance Tool In The U.S. West Coast Groundfish Catch Share Fishery, Mr Dave COLPO , Ms Courtney DONOVAN |
| Paper 35: Data Quality Improvements Through Offline Data Entry And Real-Time Error Checking, Mr Neil RILEY , Mr Jon MCVEIGH |
| Paper 53: Tips For Transitioning From Paper Forms To In-The-Field Electronic Recording, Mr Eric SODERLUND |
| Paper 61: Back Deck Tech: Technology Enhanced Data Collection In The West Coast Observer Program, Mr Jason EIBNER |
| Paper 63: Enhanced Technology In Use Within The United States Commercial Pelagic Longline Fisheries, Mr Matthew WALIA , Mr Ken KEENE |
| Paper 65: Applying Technology Trends To Fisheries Observing And Monitoring: 3D Printing, Mr David CHANDLER |
| Paper 84: Green Sturgeon-California Halibut Cooperative Project, Mr Jason VESTRE |
| Paper 129: Automated Valves For Measuring Discards In Demersal Fisheries, Mr Ruben VERKEMPYNCK , Mr Michiel DAMMERS , Miss Pieke MOLENAAR |



What Are The Challenges With Integrating Electronic Monitoring / Electronic Reporting Technology Into Fishery Monitoring Programs?

Paper 14: Development Of An At-Sea Hand Held Data Transfer Application For Longline Observers, **Mr Michael ENZENUER**, Mr Simon GULAK, Dr John CARLSON

Paper 17: The Challenges And Lessons Of Electronic Reporting In The Pacific Islands Regional Observer Program: Setting Goals, Determining Priorities, And Evaluating Feedback In Early Development And Testing, **Mr Joshua LEE**

Paper 19: In Defense Of Human Observers, **Mr Derek KUDA**

Paper 178: Electronic Monitoring Pilot Trials in Fiji And Ghana – A New Tool For Compliance, **Mr Julien MILLION**

Paper 24: Marel Scale Bluetooth Data Acquisition, **Mr Eric BRASSEUR**

Paper 50: An Integrated Electronic Monitoring And Electronic Reporting system (EMR) To Be Used On-Board Commercial Fishing Boats, **Mr Rick USHER**, Dr Amos BARKAI, Mr Greg HAMMANN

Paper 52: Overview Of The Observed And Unobserved Data, And Some Aspects On The Potential Use Of The Electronic Monitoring Systems (EMS) In The Tuna Purse-Seine Fishery, **Mr Marlon ROMAN**

Paper 60: Operationalizing Open-Source Electronic Monitoring Systems In New England Groundfish Sectors, **Miss Amanda BARNEY**, **Mr Mark HAGER**

Paper 68: Open Oceans - How The Digital Sharing Culture Supports Healthy Fisheries, **Mr Jared FULLER**, **Ms Morgan WEALTI**

Paper 69: Humans And Technology - The Two Pronged Approach To Better Fisheries Monitoring, **Mr Jared FULLER**, **Ms Morgan WEALTI**

Paper 119: Fishery Dependent Electronic Log And Remote Data Entry, **Ms Lara ERIKSON**

Paper 128: Exploring A Cooperative System Between Electronic Monitoring And Onboard Fisheries Observers In The Alaskan Groundfish Fisheries, **Mr Christopher NOREN**

How Do We Observe And Monitor Artisanal Fisheries?

Paper 1: Demographic And Fishing Gear Monitoring Studies In Coastal Communities Of Ondo State, Nigeria, **A/Prof Felix OLUSEGUN AKINWUMI**

Paper 48: WatchingMan Pro™: An Innovative System To Monitor Artisanal Fishing Effort Inside Protected Areas, **Dr Fustino MANSO**, **Mr Greg HAMMANN**, Mr Fidel FRAGA

Paper 73: Newport Beach Dory Fleet: The History Of An Artisanal Fishery, **Mr Tobias SHEWAN**

Paper 74: California Artisanal Fisheries: A Case Study In Monitoring Small Vessels In The Live Delivery Nearshore Fisheries, **Mr Michael LINDLEY**

Paper 78: Sheephead : Modern Day Observing In Artisanal Fisheries, **Mr Steven TODD**

Paper 82: The Tale Of Two Trips: Unobserved Vs. Observed Trips In The California Nearshore Fishery, **Mr John LAFARGUE**, Mr Jon MCVEIGH

Paper 88: Observations In The California Halibut (Paralichthys Californicus) Trawl Fishery, **Mr James GRUNDEN**

Paper 101: Monitoring Artisanal Tuna fisheries in the Western and Central Pacific, **Ms Deirdre BROGAN**

Paper 113: An Observer Program's Contribution To Fisheries Zoning And Management In The Exclusive Economic Zone Of Costa Rica For Tuna And Tuna-Like Species, **Mr Alvaro SEGURA**, Mrs Sandra ANDRAKA

How Much Observer Coverage And Monitoring Is Enough? Methods For Reducing And/Or Incorporating Biased Data Collection

Paper 122: See What, **Mrs Michelle CAMARA**

Paper 148: Implementation, Evaluation, And Future Of The Automated Observer Deployment System Used By The Northeast Fisheries Observer Program, **Ms Sarah CIERPICH**

How Can Fisheries Monitoring Programs Support An Ecosystem Based Approach To Fisheries Management?

Paper 145: Fish Eggs At Night In The Colombian Pacific Ocean: First Approach, **Prof Raol Hernando LA PEZ PERALTA**

Paper 8: Modeling Community Structure And Species Co-occurrence Using Fishery Observer Data, **Mr Jeffrey PULVER**

Paper 153: How Can Fisheries Monitoring Programs Support An Ecosystem Based Approach To Fisheries Management?, **Mr Samuel BEAR**

Paper 169: Using Observer Data To Support An Ecosystem Based Approach In CCAMLR Fisheries, **Mr Isaac FORSTER**