

Northeast Fisheries Science Center (NEFSC) Fisheries Sampling Branch (FSB)

At-sea Monitoring Program

ASM Recertification I Training Agenda

February 21-23, 2018 (rev. 02/14/18)

To properly prepare for this training, observers should review all issued materials and complete all assignments.

Note: The FSB Training Standards, *Participation Grade*, will be affected for observers who are not properly prepared!

| PREPARATION FOR TRAINING |
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| WHAT TO HAVE COMPLETED PRIOR TO TRAINING |
| Dispute Resolution Homework Assignment (Last Page of this Agenda) |
| Review Agenda |
| MANUALS & GEAR LIST |
| WHAT TO BRING TO TRAINING: DAY 1 AT 8AM |
| Manuals and Reference Materials: <ul style="list-style-type: none">• Data Entry Manual• Operations Manual• On Deck Reference Guide• Regulatory Compliance Folder• <u>All</u> Marine Mammal, Fish, Sea Bird, Sea Shore, and Sea Turtle ID Guides• Calculator• Pen/Pencil |
| Gear Certification Program: <p>FSB recommends that all observers bring <u>all gear every time</u> they come to Tech Park. The only exception is when gear has been checked within the previous two weeks, in which case the observer is not required to bring it again.</p> |
| <u>Observers are required to bring all of the following items to be TURNED IN:</u> |
| Electronic Gear: Night/Weekend Electronic Support: 508-367-8256. <i>All trips must be uploaded prior to training.</i> <ul style="list-style-type: none">• Charged Tablet and accessories• Charged Digital Camera and accessories• Marel Scales and accessories• In Reach Devices and all accessories |

Training Location: *Fisheries Sampling Branch Training Center
Technology Park, 25 Bernard Saint Jean Drive
Falmouth MA, 02536*

Training Contact: *Diana Cowan (508)495-2283*

| DAY 1 | DAY 2 | DAY 3 |
|--|---|--|
| February 21, 2018 | February 22, 2018 | February 23, 2018 |
| <p>0800 Welcome to Training Manual Check-In Gear Certification Program: Gear Drop Off</p> <p>0815 Training Objectives & Housekeeping</p> <p>0900 Updates to the ASM Program</p> <p>0945 Regulatory Compliance Folder & Material Review</p> <p>1000 Incident Reporting</p> <p>1015 Conflict Resolution II</p> | <p>0800 Fish Assessment</p> <p>0830 Disposition Codes Review</p> <p>0845 Catch Estimation II Catch Estimation Group Homework Presentations</p> <p>1000 Sub-sampling Justification</p> <p>1030 Stock Assessment Overview</p> | <p>0800 Fish ID Exam</p> <p>0830 ASM Recertification Exam</p> |
| LUNCH 1200: 45 min lunch | LUNCH 1130 | LUNCH 1115 |
| <p>1245 Health & Wellness and At-sea Communications Update</p> <p>1330 Incidental Take Program</p> <p>1430 Electronic Data Collection Updates</p> <p>1500 Data Quality Overview</p> <p>1530 Species Verification Program Fish ID Review</p> <p>1615 Catch Estimation Group Homework</p> | <p>1230 Training Evaluations</p> <p>1235 Groundfish Gear In Class Presentation Trawl, Gillnet, Longline, Handline, Multi-gear Fish Pot Trip</p> <p>1330 Final Exams Overview</p> <p>1400 Incidental Take Gear Assessment and Restock</p> <p>1445 Incidental Take HW Review</p> <p>1500 Groundfish Sampling Workshop</p> <p><u>Session 1:</u> Trawl Fishery</p> <p><u>Session 2:</u> Gillnet Fishery</p> <p><u>Session 3:</u> Longline Fishery</p> | <p>1215 GMRI EM Study</p> <p>1225 PTNS Overview</p> <p>1230 Lessons Learned</p> <p>1315 Safety Updates & Gear Review</p> <p>1330 Certified Gear Review</p> <p>1400 Homework Review</p> <p>1415 Fish & Final Exam Reviews</p> <p>1500 Conclusion & Issue Gear</p> <p>1530 Meet with Debriefers Issued New Gear (if needed)</p> |

| TIME | PRESENTATION/ACTIVITY | FACILITATOR | DESCRIPTION |
|----------------------------------|--|---|--|
| DAY 1 <i>Wednesday</i> | | February 21, 2018 | Tech Park: Training Room & Warehouse |
| HOMEWORK | Dispute Resolution Form | | |
| 0800 | Welcome to Training & Manual Check-In Gear Tablet: Upload Recert Presentations | Jack Wilson Alex Zygmunt Diana Janda Diana Cowan Charles Dunlap | Students have all material listed on first page of the agenda available in the training room. Training staff will check all required manuals for good working condition and the most current revision. <u>Electronic Gear (IT) Staff:</u> Tablets (back by 1000) and digital cameras |
| | Gear Check-In Gear Certification Program: Gear Drop Off | Debra Duarte FSB Staff | GCP gear will be dropped off by students in warehouse. <u>Gear Certification Staff:</u> Calipers and Scales. <u>Safety Staff:</u> PFD's, Survival Suits, and PLB's. <u>Incidental Take Staff:</u> Marine Mammal Kits. |
| 0815 | General Housekeeping & Recertification Training Objectives | Diana Cowan | General housekeeping and emergency procedures. Recertification Program Standards. Issue Key Code for Doors |
| 0900 | Updates to the ASM Program | Katherine McArdle | Updates within the Groundfish Fisheries; Sectors; Sector Monitoring. Amendment 16: FW 57 and groundfish coverage rate. |
| 0945 | Regulatory Compliance Program Review | Sara Weeks Kristy Gustafson | Regulatory Compliance review of forms and issue any new documents. |
| 1000 | Incident Report Review | Sara Weeks Kristy Gustafson | Review how to report, record, and submit issues that may occur on an individual trip with the Incident Report. |
| 1015 | Conflict Resolution II | Kit Van Meter Support: Sara Weeks | Students are presented with situations that have occurred while performing job duties. Scenarios are covered in lecture and role playing. Additional Support: Training and Safety Staff |
| 1200 | LUNCH (45 min) | | |
| 1245 | Health & Wellness and At-sea Communications Updates | Alex Post Kara Gibbons Chad Keith | Review common issues and ailments that could occur to observer out at sea and proper use of their at sea communication tools. |
| 1330 | Incidental Take Program Review | Stephanie Petrus Johanna Pedersen | Review of marine mammal, sea bird, and sea turtle identification. Reminders of proper photo and comment protocols. Support: Greg Early |
| 1430 | Electronic Data Collection Updates Paperless Pilot Program Discussion | Charles Dunlap Erin Kupcha Jim Finnegan Debra Duarte | Updates and modifications required for the electronic data collection systems. Review any consistent issues and solutions for them. General check-up of the devices and usability. Status report and discussion about the ASM Paperless Program. |
| 1500 | Data Quality Review | Debra Duarte | Program standards are reviewed as well as corrective measures that will be taken should an individual display low data quality. |
| 1530 | Fish ID Review Species Verification Program Summary | Training Staff | Fish ID: Review fish species identification and test preparation. SVP: Observer current progress and overview. |
| 1615 | Catch Estimation Group Homework Assignments | Training Staff | Students are given Catch Estimation Group assignments and detailed instruction on how to complete the homework. |
| HOMEWORK ASSIGNMENT | Catch Estimation Group Homework, Disposition Code Assignment, Incidental Take Homework (Due Day 2), all Inc Take Kits: MM, Turtle, & Pit Tag Scanner. and IAL Homework (Due Day 3) | Homework Location Issued in Class and Folder | Due Date February 22 nd @ 8am |

| TIME | PRESENTATION/ACTIVITY | FACILITATOR | DESCRIPTION |
|---------------------------------|--|---|--|
| DAY 2 <i>Thursday</i> | | February 22, 2018 | Tech Park: Training Room |
| HOMEWORK | Catch Estimation Group Homework , Incidental Take Homework, and Disposition Code Assignment | Demonstrations 0845 | |
| 0800 | Fish Assessment #3 | Training Staff | Electronic fish assessment for students to gauge their Fish ID. |
| 0830 | Disposition Code Review | Alex Zygmunt | Review how observers record species and the specific reason they are kept or discarded. Updates on any current issues or discussions. |
| 0845 | Catch Estimation Group Hw Scenarios Catch Estimation II Review | Student Presentations Jack Wilson Diana Janda Alex Zygmunt | Each group will demonstrate the assigned catch estimation scenario according to ASM protocols and the group's individual at-sea experiences. Overview of current catch estimation methods. Clear up common errors and/or misunderstandings. |
| 1000 | Sub-sampling Justification | Debra Duarte | Endorse the Catch Estimation Program and its methods. |
| 1045 | Stock Assessment Overview | Debra Duarte | Overview of how ASM Observer data is used within regulation, fisheries science, and management. |
| 1130 | | LUNCH | |
| 1230 | Training Evaluation Form | Tania Lewandowski | Brief instruction of electronic forms. To be completed by the end of the last day. |
| 1235 | Groundfish Gear Review <ul style="list-style-type: none"> • Trawl Gear Presentation • Gillnet Gear Presentation • Longline & Handline Gear Presentation • Fish Pot Trip | Diana Janda Jack Wilson Alex Zygmunt | Overview of trawl, gillnet, longline, and handline gear within the groundfish fishery. Review of multi-gear scenarios and how to properly document. Review the 'fish pot' gear type and how to document potential encounters with this gear. |
| 1330 | Final Exam & Fish Exam Overview | Training Staff | A brief overview of the exams schedule for the final day of training and what to expect. What to Bring: <ul style="list-style-type: none"> • All Manuals • Charged Tablet • Calculator |
| 1400 | Incidental Gear Assessment and Restock | Stephanie Petrus Johanna Pedersen | Students will review their own Inc. Take Gear, clean, and restock. |
| 1445 | Incidental Take Homework Review | Stephanie Petrus Johanna Pedersen | Review incidental take homework. |
| 1500 | Groundfish Sampling Workshop <u>Session 1:</u> Trawl Fishery: Specialized gears, mesh measurements, Trawl Logs <u>Session 2:</u> Gillnet Fishery: Tally, Length Frequencies, Multi-gear Scenario, Gillnet Logs <u>Session 3:</u> Longline Fishery: Tally, Longline Logs | <i>Overview:</i> Training Staff <i>Session 1:</i> Diana Janda <i>Session 2:</i> Alex Zygmunt <i>Session 3:</i> Jack Wilson | A hands-on scenario of each a gear type of Longline/Handline, Gillnet and Trawl. Within each session the observer is able to work at their own pace, however, much like a real trip, must be aware of time constraints to complete the 'job' with a high level of data quality. What to Bring: <ul style="list-style-type: none"> • Clipboard • Pencil • Calculator |
| HOMEWORK ASSIGNMENT | Trawl , Gillnet, and Longline Workshop Assignments (to include Veteran Option), and IAL Homework | Homework Location Provided during session | Due Date February 23 rd @ 0830 |

| TIME | PRESENTATION/ACTIVITY | FACILITATOR | DESCRIPTION |
|-------------------------------|---|---|--|
| DAY 3 <i>Friday</i> | | February 23, 2018 | Tech Park: Training Room |
| HOMEWORK | Trawl, Gillnet, and Longline Workshop Assignment and IAL Homework | | |
| Part 1 0800 | Session 1: Recertification Exam Fish Identification Exam <i>Exam requires a minimum of 85%</i> | Training Staff | Fish ID Exam <u>Closed Book</u> : No materials may be used for this portion of the exam. Tablet required for electronic exam. |
| Part 2 0830 | Session 2: ASM Recertification Exam Written and Practical Exam <ul style="list-style-type: none"> All fisheries & protocols All logs & tabs | Training Staff | ASM Recertification Exam <u>Open Book</u> : Observers will be able to utilize all materials provided during training to complete this exam. The exam will include multiple choice, true/false, short answer and fill in the blank. |
| 1115 | LUNCH | | |
| 1215 | GMRI Electronic Monitoring Study | Corey Endres | NMFS Observer Program support to the Gulf of Maine Research Institute Electronic Monitoring Study protocols. |
| 1225 | Pre-Trip Notification System (PTNS) | Maggie Heinichen | Overview of the Groundfish Sector trip selection process for ASM Program. |
| 1230 | Lessons Learned | Sara Weeks Katherine McArdle Chad Keith | Feedback to students about current industry issues and the FSB response to these issues for observers. |
| 1315 | Safety Updates & Gear Review | Alex Post Kara Gibbons | Update students with any new safety measures; protocol or common safety issues to be aware of. Return Gear Certified safety equipment with quick overview. |
| 1345 | Certified Gear Review | Debra Duarte Tyler Staples | Return certified gear; provide feedback on results and students sign the Gear Certification Program checklist. |
| 1400 | HW Scenario Review | Ben Church Training Staff | Review all homework assignments for feedback. |
| 1415 | ASM Fish and Final Exam Review | Training Staff | Review exam results with trainees. |
| 1500 | Conclusion of Training Retrieve Certified Gear | Training Staff | Issue Letters of Introduction. Issue requested gear and paper logs. |
| 1530 | Meet with Debriefers Issued new NMFS Issued Gear | | Dependent on need and observer particular circumstances |