

Northeast Fisheries Science Center (NEFSC) Fisheries Sampling Branch (FSB)
At-sea Monitoring Recertification I Training
 November 15-17, 2016 (rev. 11/14/16)

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
WHAT TO HAVE COMPLETED PRIOR TO TRAINING
Dispute Resolution Homework Assignment
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: 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 2 weeks, in which case the observer is not required to bring it again.
FSB Issued Electronic Devices: <ul style="list-style-type: none"> • Charged Tablet and accessories • Charged Digital Camera and accessories • Marel Scales (if issued) and accessories • Charged InReach Note: Night/Weekend Electronic Support: 508-367-8256. <i>All trips must be uploaded prior to training.</i>

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
November 15, 2016	November 16, 2016	November 17, 2016
<p>0800 Welcome to Training Manual Check-In Gear Certification Program: Gear Drop Off</p> <p>0825 Training Objectives & Housekeeping</p> <p>0915 Updates to the ASM Program</p> <p>1000 Regulatory Compliance Folder & Material Review</p> <p>1015 Incident Reporting</p> <p>1030 Conflict Resolution II</p>	<p>0800 Fish Quiz (optional)</p> <p>0830 Fish Disposition Codes</p> <p>0845 Catch Estimation II Catch Estimation Group Homework Presentations</p> <p>1015 Sub-sampling Justification</p> <p>1100 Overview of Common Log & Data Errors Groundfish Gear In Class Presentation Trawl, Gillnet, Longline, Handline, Multi-gear</p> <p>1155 Fish Pot Trip</p>	<p>0800 Study Session (optional)</p> <p>0830 Fish ID Exam</p> <p>0930 ASM Recertification Exam</p>
LUNCH 1215: 40 min lunch	LUNCH 1200	LUNCH 1145
<p>1255 Training Evaluations</p> <p>1300 Incidental Take Program</p> <p>1400 Sector ASM Program Overview & Electronic Data Collection Updates</p> <p>1445 Data Quality Uses of Observer Data</p> <p>1530 Species Verification Program Fish ID Review</p> <p>1615 Catch Estimation Group Homework</p>	<p>1300 Final Exams Overview</p> <p>1315 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><u>Session 4:</u> Individual Animal & Incidental Take</p>	<p>1245 Safety Updates</p> <p>1315 PTNS Overview</p> <p>1320 Lessons Learned</p> <p>1415 Data Requests</p> <p>1445 Certified Gear Review</p> <p>1500 Exam & HW Review Tablet Upload Review</p> <p>1600 Conclusion & Issue Gear</p>

TIME	PRESENTATION/ACTIVITY	FACILITATOR	DESCRIPTION
DAY 1 <i>Tuesday</i>		November 15, 2016	Tech Park: Training Room & Warehouse
HOMEWORK	Dispute Resolution Form and Tablet Passcode Form		
0800	Welcome to Training & Manual Check-In Gear & Reg. Comp Folder Requests forms Tablet: Upload Recert Presentations & Passcode Form	Training Staff Pat McGinn 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.
0825	General Housekeeping & Recertification Training Objectives	Diana Cowan	General housekeeping and emergency procedures. Recertification Program Standards. Issue Key Code for Doors
0915	Updates to the ASM Program	Katherine McArdle	Updates within the Groundfish Fisheries; Sectors; Sector Monitoring.
1000	Regulatory Compliance Folder & Tablet Review	Sara Weeks	Regulatory Compliance review of forms and issue any new documents.
1015	Incident Report Review	Sara Weeks	Review how to report, record, and submit issues that may occur on an individual trip with the Incident Report.
1030	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 Staff and Mike Tork
1215		LUNCH (40 min)	
1255	Training Evaluation Handout	Tania Lewandowski	
1300	Incidental Take Program Review	Lisa Wilt Stephanie Petrus	Review of marine mammal, sea bird, and sea turtle identification. Reminders of proper photo and comment protocols. Support: Greg Early
1400	Sector ASM Program Overview & Electronic Data Collection Updates	Charles Dunlap Erin Kupcha Jim Finnegan	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.
1445	Data Quality Review Uses of Observer Data	Debra Duarte	Program standards are reviewed as well as corrective measures that will be taken should an individual display low data quality. Overview of how ASM Observer data is used within regulation, fisheries science, and management.
1530	Fish ID Review Species Verification Program Summary	Training Staff Support: Loren Kellogg	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 and Fish Disposition Code Assignment	Homework Location Issued in Class and Presentation Binder	Due Date Nov 16 th @ 8am

TIME	PRESENTATION/ACTIVITY	FACILITATOR	DESCRIPTION
DAY 2 <i>Wednesday</i>		November 16, 2016	Tech Park: Training Room
HOMEWORK	Catch Estimation Group Homework, Fish Disposition Code Assignment and Charged Digital Camera	Demonstrations 0845	
0800	Fish Quiz (Optional)	Training Staff	Electronic fish assessment for students to gauge their Fish ID.
0830	Fish Disposition Code Review	Beth Gianesin Support: Training Staff	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	Student Presentations	Each group will demonstrate how to deal with the assigned catch estimation scenario according to ASM protocols and the group's individual at-sea experiences.
	Catch Estimation II Review	Beth Gianesin	Overview of current catch estimation methods. Clear up common errors and/or misunderstandings.
1015	Sub-sampling Justification	Debra Duarte	Endorse the Catch Estimation Program and its methods.
1100	Groundfish Gear Review	Megg Ketch Jack Wilson	Overview of trawl, gillnet, longline, & handline gear within the groundfish fishery. Review of multi-gear scenarios and how to properly document.
	<ul style="list-style-type: none"> • Trawl Gear Presentation • Gillnet Gear Presentation • Longline & Handline Gear Presentation 		
1155	Fish Pot Trip	Beth Gianesin	Review the 'fish pot' gear type and how to document potential encounters with this gear.
1200	LUNCH		
1300	Final Exam & Fish Exam Overview	Training Staff	A brief overview of the exams schedule for the final day of training and what to expect.
1315	Groundfish Sampling Workshop	<i>Overview:</i> Training Staff <i>Session 1:</i> Megg Ketch <i>Session 2:</i> Jack Wilson <i>Session 3:</i> Beth Gianesin <i>Session 4:</i> Lisa Wilt <i>Session 5:</i> Stephanie Petrus	A hands-on simulated trip which results in the observer submitting three trips, each a gear type Longline, Handline, Gillnet and Trawl. Including an individual animal and incidental take species to work up and properly document.
	<u>Session 1:</u> Trawl Fishery (Training Room): Recognizing specialized gears, mesh measurements, Trawl Logs <u>Session 2:</u> Gillnet Fishery (Training Room): Tally, Length Frequencies, Multi-gear Scenario, Gillnet Logs <u>Session 3:</u> Longline Fishery (Conference Room): Tally, Longline Logs <u>Session 4:</u> INC Take (Warehouse): <i>All Observer Students</i> INC. species; Inc. Take Wkst & Log <u>Session 5:</u> IAL (Training Room) IAL Scenario, IAL Log		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.
HOMEWORK ASSIGNMENT	Trawl , Gillnet Longline, IAL and Inc Take Session home work assignments	Homework Location Provided during session	Due Date Nov 17 th @ 0830

What to Bring:

- Clipboard
- Pencil
- Calculator
- Issued Write in Rain Notebook
- Charged Digital Camera

TIME	PRESENTATION/ACTIVITY	FACILITATOR	DESCRIPTION
DAY 3 <i>Thursday</i>		November 17, 2016	Tech Park: Training Room
HOMEWORK	Trawl , Gillnet Longline, IAL and Inc Take Session home work assignments		
0800	Study Session (Optional)	Training Staff	Students have the opportunity to have classroom time and any additional questions prior to the exams.
Part 1 0830	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 0900	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.
1145	LUNCH		
1245	Safety Updates	Mike Tork	Update students with any new safety measures; protocol or common safety issues to be aware of. Return Gear Certified safety equipment with quick overview.
1315	Pre-Trip Notification System (PTNS)	Maggie Heinichen	Overview of the Groundfish Sector trip selection process for ASM Program.
1320	Lessons Learned	Sara Weeks Katherine McArdle Mike Tork	Feedback to students about current industry issues and the FSB response to these issues for observers.(Closed Session)
1415	Data Requests	Debra Duarte	A brief overview of the Data Request program and the process of the captain/owner requesting observers' trip logs.
1445	Certified Gear Review	Debra Duarte Gear Staff	Return certified gear; provide feedback on results and students sign the Gear Certification Program checklist.
1500	HW Scenario Review ASM Exam Review	Training Staff Lisa Wilt Stephanie Petrus Ben Church	Review homework and exam results
1600	Conclusion of Training	Training Staff	Issue Letters of Introduction. Issue requested gear and paper logs.

Tech Park Floor Plan

Groundfish Sampling Workshop are highlighted in Green:

Session 1: Trawl Fishery (Training Room)

Session 2: Gillnet Fishery (Training Room)

Session 3: Longline Fishery (Conference Room)

Session 4: INC Take (Warehouse)

Session 4: IAL (Training Room)

