

**Northeast Fisheries Science Center (NEFSC) Fisheries Sampling Branch (FSB)
At-sea Monitoring Program
February 19-21, 2013 (rev. 02/15/13)**

Required to bring the following items to the first day of the training session:

Electronic Gear:

- Charged Tough Book with charger
- SD card, Micro SD card, and adapter
- Charged Digital Camera

Manuals:

- All species identification manuals
- Cheat sheets

DAY 1	DAY 2	DAY 3
February 19, 2013	February 20, 2013	February 21, 2013
0815 ASM Training Standards & Training Overview	0800 Trip Logs & Trip Tab	0800 <i><u>ASM FINAL EXAM</u></i> with Incidental Take Section
0845 Sector Program Introduction	0845 Gear Logs & Gear Tabs	
0945 At-sea Monitoring Video & ASM Job Tasks		
1100 Data Quality	1045 Haul & Data Reporting	
LUNCH (1130)	LUNCH (1145)	
		LUNCH (1200)
1230 Groundfish Gear Longline & Handline Fisheries	1245 Final Exam Preparation	1300 Conflict Resolution with OLE
1330 Introduction to ASM Manuals Manual Game	1300 Haul Sampling Priorities	
1430 Priority Comparison: ASM vs. NEFOP	1430 Data Collection Workshop Trawl, Longline, Gillnet, and Incidental Take	1530 Exam Review
1530 Introduction to ASM Paper Logs		1600 ASM Program Conclusion Issue ASM Paper Log Packets
1600 Incidental Take Protocols Tab/Log		1615 Mammal & Turtle Kits and Pit Tag Scanner
		1645 Gear Issue and Check Out

TIME	PRESENTATION/ACTIVITY	FACILITATOR	DESCRIPTION
DAY 1 Tuesday	February 19, 2013		Tech Park: Training Room
0815	Introductions to ASM & Training Standards	Diana Cowan	ASM Training Standards & Overview of ASM Cross Training
0845	Program Introductions: <ul style="list-style-type: none"> • Sectors • Sector Monitoring 	Katherine McArdle	Groundfish Fisheries; Amendment 16; Sectors; Sector Monitoring. Highlighting differences and similarities amongst the observer and monitor programs and job responsibilities.
0945	ASM Video: <i>Portrait of a Monitor</i> ASM Job Tasks: Duty Sheet (Regulatory Compliance Folder)	Diana Cowan	A video that illustrates an ASM trip from start to finish. Summarizes what an ASM does and why they are needed. The ASM Checklist will be handed out.
1100	Data Quality Review	Debra Duarte	A quick review of ASM data quality standards with students.
1130	LUNCH		
1230	Groundfish Gear: Longline & Handline Gear Presentation	Mario Travaline	Introduction to the Longline, & Handline gear within the Groundfish Fishery.
1330	Introduction to Manuals <ul style="list-style-type: none"> • ASM Biological Sampling Manual • ASM Program Manual • ASM Cheat Sheets The Manual Game	Mario Travaline Meg Reynolds	Introduce issued reference manuals: ASM Program Manual; ASM Biological Sample Manual; ASM Cheat sheets. Trainees practice using their materials by playing 'The ASM Manual Game'.
1430	Priority Comparison: ASM vs. NEFOP <ul style="list-style-type: none"> • ASM vs. NEFOP Log Comparison 	Diana Cowan Jenna Rockwell	An emphasis on ASM vs. NEFOP trip priorities and approach to trips.
1530	Introduction to ASM Paper Logs	Mario Travaline	Identifies and explains ASM specific paper logs and compares to the NEFOP paper logs.
1600	Incidental Take Tab & Log	Kathryn Roy	Overview of incidental take ASM protocols and associated reporting as well as proactive strategies for a successful incidental take event. Students will learn how to fully illustrate a protected species interaction through proper documentation.
HOMEWORK ASSIGNMENT	Readings & Questions HW Dispute Resolution Style Review ASM Program Manual & ASM Biological Sampling Manual		Due Date: February 20th @ 8am

TIME	PRESENTATION/ACTIVITY	FACILITATOR	DESCRIPTION
DAY 2 Wednesday	February 20, 2013		Tech Park: Training Room
HOMEWORK	Readings & Questions HW Dispute Resolution Style		Editor of the Day: Robin Frede & Frank Capitanio
0800	Trip Logs & Trip Tabs <ul style="list-style-type: none"> • Trip, More Trip, End Trip, Costs 	Diana Cowan Mario Travaline Support: Charles Dunlap	Identifies and explains the various data fields collected by ASMs.
0845	Gear Scenario: Trawl & Gillnet Fishery <ul style="list-style-type: none"> • Gillnet Fishery & Trawl Fishery Tabs Gear Logs & Gear Tabs <ul style="list-style-type: none"> • Longline & Handline Fishery • Multi-gear 	Meg Reynolds Mario Travaline Support: Charles Dunlap	Identifies and explains the gear fields collected by ASMs per gear type and how they are recorded. Trainees will also learn how to record multiple gears used within the same trip.
1045	Groundfish Haul Data Reporting: Review Trawl and Gillnet Logs Longline and Handline Fishery <ul style="list-style-type: none"> • Common Haul Log and Tab Variables Multi-Gear Handout	Mario Travaline Meg Reynolds Support: Charles Dunlap	Identifies and explains on how to record haul data electronically and on paper logs
1145	LUNCH		
1245	Final Exam Prep	Diana Cowan	Students will review how they will be tested. What to bring: <ul style="list-style-type: none"> • ASM: Program Manual, Biological Sample Manual, Cheat Sheets and ID manuals • CHARGED Tough Book & Digital Camera
1300	Haul Sampling Priorities <ul style="list-style-type: none"> • Preparing for an ASM Trip • Catch Estimation • Biological Sampling: LF & IAL Log 	Jenna Rockwell Diana Cowan	Discussion on how to approach the ASM trip haul and biological sampling. Using the ASM BSM's Monitor's Sampling Priorities list will help to focus the monitor to achieving haul and sampling goals.
1430	Data Collection Workshop <ul style="list-style-type: none"> • Maintenance of Sampling Gear • Methods for collecting catch information on deck • Complete Gear and Haul Log for each gear • Incidental Take work up 	Session 1: Trawl Warehouse w/Meg R Session 2: Longline Training Room w/ Mario Session 3: Gillnet Conf. Room w/ Meghan P Session 4: Inc Take Warehouse w/ Kathryn	Trainees will move through various stations within each gear type and practice using equipment to record data and transcribe on to their logs. Students Bring: Clipboard, Pencil, Calculator
HOMEWORK ASSIGNMENT	Study for ASM Final Exam & Incidental Take Section		Due Date: February 21st

TIME	PRESENTATION/ACTIVITY	FACILITATOR	DESCRIPTION
DAY 3 Thursday	February 21, 2013		Tech Park: Training Room
HOMEWORK	In Class Longline Exercise: Upload during Final Exam ASM Checklist		
0800	<p><u>ASM FINAL EXAM</u> with Incidental Take Section</p> <ul style="list-style-type: none"> All fisheries & protocols All logs & Tabs Incidental Take protocols Successfully <u>upload</u> a trip using Tough Book Successfully take and upload a digital photo of the Catch Estimation Worksheet <p>Delete Tough Book Zip files</p>	<p>Training Staff</p> <p>Charles Dunlap</p>	<p><u>Open Book:</u> Students will be able to utilize all materials provided to them during training to complete this exam. The exam will include: multiple choice, true/false, short answer, and an actual trip and picture upload.</p> <p>Incidental Take section:</p> <ul style="list-style-type: none"> Documentation and Photo Protocols <p>NOTE: Upon completion of exam, all trainees must see Charles Dunlap for the following:</p> <ul style="list-style-type: none"> To ensure proper upload & confirmation To delete all mock trips from the Tough Book and storage card
1200	LUNCH		
1300	Conflict Resolution	<p>Kit Van Meter</p> <p>OLE: SA Chris McCarron</p>	<p>Students are presented with likely situations that could occur while performing ASM job duties. Scenarios are covered in lecture and role playing.</p> <p>Support Staff: Mario Travaline and Mark Hagar Meg Reynolds and Sara Weeks</p>
1530	ASM Final Exam Results Incident Exam Section Results	<p>Diana Cowan</p> <p>Kathryn Roy</p>	Review exam results and feedback.
1600	Issue ASM Paper Logs ASM Program Conclusion	<p>Carl Lemire</p> <p>Training Staff</p>	Students turn in ASM Checklist and key FOBs. Receive Letters of Introductions.
1615	Mammal and Turtle Kit Pit Tag Scanner & Protocol	Bill Greer	Issuance of Mammal and Turtle Kit and the Pit Tag Scanner. An overview of the Pit Tag Scanner use and protocols.
1645	All Gear Issuance & Check Out Location: Side Foyer	<p>Training Staff</p> <p>Tad Beagley (MRAG)</p>	Students will be issued all observer gear.