

TIME	PRESENTATION/ACTIVITY	PRESENTER	DESCRIPTION
DAY 1 Monday	September 30, 2019		Tech Park: Training Room and Fish Lab
	<i>NEFOP Program Introduction/Security/Fish Lab 1</i>		
0800	Training Overview/ General Housekeeping Introductions/Training Standards/Data Confidentiality	Tania Lewandowski	Introduce training program and training staff. General housekeeping and emergency procedures. Program Standards. Building security procedure.
0915	Introduction to Observing in NEFOP	Diana Janda	Introduction to NEFOP trip and gear types.
0930	Training Survival Skills	Training Staff	Tips on how to approach certification training successfully. Overview of the Skills Self Checklist.
0945	<u>Electronic Data Collection Part 1</u> Issue Android Tablet and Digital Camera FSB Web Portal Reference Materials	Erin Kupcha Charles Dunlap Jim Finnegan Russ Blanc Support: Alex Post	Introduction and issuance of an Android tablet, digital camera, InReach, sign issuance checklist. FSB web portal overview. Review all electronic reference materials.
1045	Fish ID In Class Session SVP Session	Alex Post	Highlight Northeast fish species in a classroom setting to review difficult to identify species characteristics.
1130	NEFOP Program Introduction	Amy Martins	Overview of NEFOP Program and Fisheries Sampling Branch organization. Explains the important role of observers within US fisheries.
1200	LUNCH (Gear from AIS to students Lead: Jack Harrington)		
Session Times: 1300-1515	Session 1: Security Packages Overview (Jenn O’Connell) NOAA E-Mail Overview (Erin Kupcha) Station 1: Fingerprinting Station 2: Digital ID Pictures Station 3: Create NOAA email and upload account, Gear Issuing	Jenn O’Connell Tania Lewandowski Elizabeth Langevin Charles Griffin Diana Cowan Jack Harrington Charles Dunlap James Finnegan Erin Kupcha Kathy Abney	Issuance of fingerprint cards, instruction on how to properly complete security packages. All individuals will be fingerprinted as a part of the mandatory federal background check, create NOAA e-mail account, and be issued gear.
Session Times: 1515-1715	Session 2: <u>Fish ID Lab 1</u>	Diana Janda Alex Post Tori Oriole	Lab: Northeast fish species identification Location: Back Parking lot fish cooler What to Bring: <ul style="list-style-type: none"> • Closed toed shoes & Sweatshirt/jacket • Pen/pencil • Notebook/Fish ID Worksheet/Fish ID Guides
HOMEWORK ASSIGNMENT: <u>Training Binder:</u> Fish ID Assessment (Due Day 5), IT Security Awareness Course (Print/email certificate Due Day 5), Conflict Resolution Survey (Due Day 2)			
Readings: <u>Operations Manual:</u> Geographical and statistical areas p. 17 – 18, <u>Data Entry Manual:</u> Vessel and Trip Log p. 8 – 12, <u>Fish Guides:</u> NOAA Technical Report- Guide to some trawl-caught marine fishes from Maine to Cape Hatteras, North Carolina <u>PDF Readings (on tablet):</u> <i>US Regional Fishery Management Councils</i> , “Windowpane Accountability Measures Information Sheet”			

TIME	PRESENTATION/ACTIVITY	PRESENTER	DESCRIPTION
DAY 2 Tuesday	October 1, 2019		Tech Park: Training Room and Fish Lab
	HOMEWORK DUE: Conflict Resolution Survey Form		
0800	Fish Self-Assessment 1	Training Staff	
0830	Introduction to Manuals <ul style="list-style-type: none"> • Operations Manual • Data Entry Manual • On-Deck Reference Guide 	Diana Janda Tori Oriole Alex Post	Introduce issued reference manuals: Operations Manual, Data Entry Manual, On Deck Reference Guide
0900	Data Collection Overview	Tori Oriole	What happens to collected observer data.
0930	Trip Formatting and Page Numbering	Diana Janda	Instruction on how to number and submit a trip.
1000	Catch Estimation Part 1	Diana Cowan	Introduction the Catch Estimation Program; includes basic program concepts and ideas to establish a foundation.
1030	Geographical and Statistical Areas	Diana Cowan	An overview of the geographical and statistical areas. Observer will learn how to use charts to plot positions.
1130	LUNCH (Mentoring Meeting 1)		
1230	Vessel and Trip Log	Diana Janda	Introduction to Vessel & Trip Log.
1415	<u>Electronic Data Collection Part 2</u> Introduction to OASIS App and Vessel Trip Tab	Diana Janda Support: Charles Dunlap	Introduction to OASIS, setting credentials, trip info. Vessel & Trip Sector ASM tabs.
1445	<u>Fish ID Lab 2</u>	Alex Post Diana Janda Tori Oriole	Lab: Northeast fish species identification Location: Back Parking lot fish cooler What to Bring: <ul style="list-style-type: none"> • Closed toed shoes & Sweatshirt/jacket • Pen/pencil • Notebook/Fish ID Worksheet/Fish ID Guides
HOMEWORK ASSIGNMENT: <u>Training Binder:</u> Introduction to Observing Homework (Due Day 3), Introduction to Logs and Data Collection Homework (Due Day 4)			
Readings: <u>Operations Manual:</u> Observer safety p. 7 - 10			
<u>Debriefers of the Day (DOD) : (1030-1415) Ashley Griffin</u>			

TIME	PRESENTATION/ACTIVITY	PRESENTER	DESCRIPTION
DAY 3 Wednesday	<i>Safety Training</i>	October 2, 2019	Tech Park: Training Room
HOMEWORK DUE: Intro to Observing			
Note to Bring for Class Beginning: Immersion suits with attachments (strobe, whistle, mirror, PLB), PFDs			
0730	Fish Self-Assessment 2	Training Staff	
0800	Introduction to NEFOP Marine Safety Program	Jenna Rockwell Kara Gross	Overview of the NEFOP Safety Program.
0830	Offshore Marine Safety Training	Jenna Rockwell Dave Cangarl	Preparing for the Job Survival Kits Preparation for the Emergency: 7 Steps to Survival Personal Flotation Devices (PFDs)
1200	LUNCH		
1245	Offshore Marine Safety Training	Jenna Rockwell Dave Cangarl Kara Gross Alex Post	Fire Safety & Prevention Fire & Signals Hands on Demonstration USCG Dewatering Pump SOLAS kits Life Raft & Immersion Suits Proper Attire: <ul style="list-style-type: none"> • Closed toed shoes • Long pants • Personal protective equipment (provided)
1715	Day 1 ReCap and Prep	Jenna Rockwell	Skills checklist and preparation for next day.

TIME	PRESENTATION/ACTIVITY	PRESENTER	DESCRIPTION
DAY 4 Thursday	<i>Safety Training</i>	October 3, 2019	Tech Park: Training Room Mass Maritime Academy Pool: Wareham, MA
HOMEWORK DUE: Intro to Logs and Data Collection			
0800	Offshore Marine Safety Training	Jenna Rockwell Dave Cangarl	Distress Signals Cold Water Near Drowning At-Sea Emergencies <ul style="list-style-type: none"> • POB • Flooding & Damage Control • Abandon Ship and ditch kits
1100	LUNCH (bring a packed lunch!)		
1145	Leave for Mass Maritime Pool	<u>GOV Drivers:</u> Kara Gross Alex Post TBD	
1200	Pool Session	Jenna Rockwell Dave Cangarl Alex Post Kara Gross	Swim skills, immersion suits, life raft, PFDs What to Bring: (Change at Tech Park) <ul style="list-style-type: none"> • Bathing suit and Towel • White T-shirt and long pants to get into water • Additional dry change of clothes • “Pool Training” PFD • Immersion Suit • Bring a packed lunch!
1500	Return to Tech Park		Hang gear in warehouse.
1530	Offshore Marine Safety Training	Jenna Rockwell Dave Cangarl	Station Bills
1700	Safety Recap & Conclusion	Jenna Rockwell	Skills checklist
HOMEWORK ASSIGNMENT: <u>Training Binder</u>: Read Oct 2017 Safety Memo (*Sign and return one copy!*) (Due Day 5)			
Readings: <u>Data Entry Manual</u>: PTVSC p. 2 – 3, <u>Disposition Codes Appendix M</u>, <u>Fishermen’s Comment Log</u> p. 30			

TIME	PRESENTATION/ACTIVITY	PRESENTER	DESCRIPTION
DAY 5 Friday	October 4, 2019		Tech Park: Training Room
HOMEWORK DUE: Fish ID Assessment, Signed October 2017 Safety Memo, IT Security Awareness Course			
0730	Fish Self-Assessment 3	Training Staff	
0800	Safety Checklist <ul style="list-style-type: none"> • USCG Vessel Safety Exam Decal • EVIC • Safety Deficiency Reports 	Kara Gross	Explanation of how the USCG Safety Program works with the fishing industry for safety compliance. Provides students a different perspective of safety aspects within the fishing industry.
0945	USCG Fishing Vessel Safety	Ted Harrington USCG	Representative of the USCG Safety Program directly working with the fishing industry for safety compliance. Provides students a different perspective of safety aspects within the fishing industry.
1115	Simulated Safety Checklist	Kara Gross Alex Post	Practice completing a safety checklist and issuing an EVIC and SDR.
1135	Health and Wellness Session I	Alex Post	Instructional session on various health and wellness topics one can encounter while observing
1200	LUNCH		
1300	Observer Duty Sheet and Industry Feedback Documents	Tori Oriole	Logs and documents that explain observer duties, options on how fishermen can voice their opinions and concerns about fishing operations, and offer fishermen information about a trip. Documents include: Observer Duty Sheet, Fishermen's Comment Log, Data Release Form, and Fishermen's Comment Card.
1315	Fish Disposition Codes	Tori Oriole Support: Diana Janda Alex Post	Instruction on how to record why fish and crustacean species are kept or discarded.
1445	Fish ID Review (classroom)	Diana Janda Alex Post Tori Oriole	Students will review all fish species. An open ended review session and will be available as long as needed.
HOMEWORK ASSIGNMENT: Training Binder: Disposition Code Homework (Due Day 6), Trawl Mesh Case Study (Due Day 6)			
Readings: Operations Manual: Catch Estimation p. 115 – 125, Trawl Section p. 50 – 64, Data Entry Manual: Catch Estimation Worksheet p. 197 – 198, On-Deck Reference Guide: Trawl Specialized Gears p. 18 – 20, Catch Estimation p. 21-22, PDF Readings: How discards are calculated for sectors and common pool, Bottom Tending Gear Used in New England			
DOD: (13:15) Brian Westell			

TIME	PRESENTATION/ACTIVITY	PRESENTER	DESCRIPTION
DAY 6 Monday	October 7, 2019		
	<i>Catch Estimation 2, Groundfish Overview, Trawl Fisheries, Safety Review</i>		Tech Park: Training Room, Conference Room
HOMEWORK DUE: Trawl Mesh Case Study, Disposition Code			
0800	Scales and Measures	Alex Post	Instruction on how to properly read and tare spring and Salter scales.
0830	<u>Catch Estimation Program Part 2</u> Subsampling to Catch Weights Intro. To Catch Estimation Scale Use Vol to Vol 1 Estimation Methods Catch Estimation Worksheet Catch Estimation Photo Requirements	Alex Post Diana Janda Tori Oriole Diana Cowan Support: Debra Duarte	Students will learn about the approved FSB catch estimation methods and how to record calculations on the Catch Estimation Worksheet.
1130	Safety Exam Review and Immersion Suit Maintenance	Alex Post Kristy Gustafson Jack Harrington	Review for Safety Exam and Practical Invert immersion suits for proper drying in warehouse.
1200	LUNCH		
1300	<u>Catch Estimation Program Continued</u> Subsampling to Catch Weights Vol to Vol 2 Catch Estimation Workshop	Diana Janda Tori Oriole Support: Debra Duarte	Actual application of taught catch estimation theories are exercised during a classroom workshop.
1415	Groundfish Overview	KB McArdle	Overview of the Groundfish Program and how it applies to a NEFOP Observer.
1445	Trawl Fisheries 1-Introduction 2-Gear Modification/Specialized Nets	Diana Janda	Intro to the trawl gear and northeast fishing practices. Trawl fishery data logs & specialized gear description/identification.
HOMEWORK ASSIGNMENT: Training Binder: Catch Estimation (Due Day 8), Study for Safety Exam Readings: Operations Manual: Incidental Take Section p. 92 – 100, Data Entry Manual: Trawl Gear Characteristics Log p. 82 – 84, On-Deck Reference Guide: Seal ID p. 43 – 44, 52, Guide to Marine Mammals & Turtles of the US Atlantic & Gulf of Mexico p. 12-19, 22-27, 46-49, 52-55, 58, 68, 80, 100-109			

TIME	PRESENTATION/ACTIVITY	PRESENTER	DESCRIPTION
DAY 7 Tuesday	October 8, 2019		Tech Park: Training Room and Fish Lab
	<i>Safety Exam, MM ID and Sampling, Marel Scales, Trawl Fisheries, Fish Review</i>		
0800	Safety Exam & Practical: <ul style="list-style-type: none"> Written Safety Exam Safety Practical Stations Station 1: Immersion Suit Station 2: Liferaft Hydro & Launch Station 3: Mayday Call	Alex Post Kristy Gustafson Zachary Fyke TBD	Safety practical includes hands on and written evaluation of trainees safety techniques. Note: A minimum of 85% is required to pass the NEFOP Observer Certification Program.
0930	Marine Mammal Identification and Sampling	Johanna Pedersen Stephanie Depasquale	Classroom instruction on marine mammal identification, behavioral characteristics and sampling (pinnipeds, cetaceans).
1130	Marel Scales	Steven LaForge Ricky Chidsey	Introduction to Marel Scales. How to properly operate, calibrate, and maintain Marel Scales.
1230		LUNCH	
1330	Trawl Fisheries Continued 2- Gear Modification/Specialized Nets 3- Trawl Gear Log/Tabs and Calipers	Diana Janda	Overview trawl gear data log/Sector ASM tabs.. Hands on exercise involving proper use of measurement calipers. Recording gear mods/specialized nets.
1545	Fish ID Review	Tori Oriole Diana Janda Alex Post Tania Lewandowski	Students will review all fish species. Mock exams will be conducted. This is an open ended review session and will be available as long as needed.
HOMEWORK ASSIGNMENT: <u>Training Binder:</u> Begin Trawl Scenario (Due Day 10), Study for Fish Identification Exam Readings: <u>Data Entry Manual:</u> Trawl Haul Log p. 91, Twin Trawl Gear Log p. 96, Twin Trawl Haul Log p. 103 , <u>Operations Manual:</u> Sea Turtles p. 101-110, Seabirds p. 111-112, Seabirds Handout, <u>Beached Birds Guide:</u> p. 7-15, 24-32, <u>On-Deck Reference Guide:</u> Sea Bird ID p. 48, Sea Turtle ID p. 52 <u>DOD: (13:30) Greg Early</u>			

TIME	PRESENTATION/ACTIVITY	PRESENTER	DESCRIPTION
DAY 8 Wednesday	October 9, 2019		Tech Park: Training Room, Fish Lab
	HOMEWORK DUE: Catch Estimation		
0800	<u>Group 1 : Fish Identification Exam</u> <ul style="list-style-type: none"> • <i>Open Book Practical</i> • <i>Closed Book Practical</i> <i>BOTH exams require an average score of 85% with a minimum of 80% on each section successfully pass NEFOP certification.</i>	Diana Janda Tori Oriole Alex Post Tania Lewandowski	Fish ID Exam: <u>Open Book:</u> All materials issued during training may be utilized during this portion of the exam. <u>Closed Book:</u> No materials may be used for this portion of the exam.
0900	<u>Group 2: Fish Identification Exam</u> <ul style="list-style-type: none"> • <i>Open Book Practical</i> • <i>Closed Book Practical</i> <i>BOTH exams require an average score of 85% with a minimum of 80% on each section successfully pass NEFOP certification.</i>	Diana Janda Tori Oriole Alex Post Tania Lewandowski	Fish ID Exam: <u>Open Book:</u> All materials issued during training may be utilized during this portion of the exam. <u>Closed Book:</u> No materials may be used for this portion of the exam.
0945	Deep Sea Coral Identification	Tania Lewandowski	Instruction on deep-sea corals identification and sampling/reporting protocols.
1015	Trawl Fisheries Cont. 4-Trawl Haul Log/Tabs 5- Twin Trawl Gear	Diana Janda	Instruction on the trawl haul log/Sector ASM tabs. Recording twin trawl gear and haul logs.
1215	Conveyor Strategy Assignment Overview	Diana Janda	Assignment and explanation of the Conveyor HW.
1230	LUNCH		
1330	Sea Bird Identification	Johanna Pedersen Stephanie Depasquale Support: Gina Shield	Classroom presentation of seabird identification with accompanying lab, with a hands-on quiz.
1500	Sea Turtle Identification	Johanna Pedersen Stephanie Depasquale	Instruction on identifying characteristics, proper tagging and sampling techniques of sea turtles that may be encountered while observing. Classroom instruction is followed by a hands-on turtle lab.
HOMEWORK ASSIGNMENT: Program Comprehension Assessment (Due Day 9), Conveyor Presentations (Due Day 12) Readings: <u>Operations Manual:</u> Biological Sampling Section p. 146 – 151, Incidental Take Section p. 92 – 113, <u>Data Entry Manual:</u> Length Frequency Log p. 186-188 <p style="text-align: center;"><u>DOD: TBD (10:15) Jennifer Casey</u></p>			

TIME	PRESENTATION/ACTIVITY	PRESENTER	DESCRIPTION
DAY 9 Thursday	October 10, 2019		Tech Park: Training Room/Fish Lab
HOMEWORK DUE: Program Comprehension Assessment			
0800	<u>Fish Biological Sampling Workshop</u> Part 1 : Biosampling (Classroom): Length Frequency Log/SectorASM tabs Length Frequency Workshop Age Structure Videos	Tori Oriole Support: Diana Cowan Alex Post Diana Janda	Introduce candidates to their biological sampling gear (e.g. measuring board, length frequency strips, scales, On Deck Reference Guide) and how to record lengths of priority species. Workshop includes hands-on activities using their biological sampling gear.
0940	<u>Fish Biological Sampling Workshop</u> Part 2 : Biosampling Lab (Fish Lab): Knife Safety Introduction to Biosampling Age Structure Workshop	Diana Janda Alex Post Tori Oriole	Practical instruction in the safe removal of age structure samples and how to store and ship them.
1110	Trawl Trip Preparation	Tania Lewandowski Training Staff	Overview of what to bring and expect during trawl training trip. Marel Scale review.
1130	Safety Exam Feedback Add Attachments to Safety gear	Kristy Gustafson Alex Post Jack Harrington Zachary Fyke	Review safety exam. What to bring: <ul style="list-style-type: none"> • Immersion suit • PFDs, both • All attachments
1200	LUNCH		
1300	<u>Electronic Data Collection 3</u> Using OBPRELIM 994 <u>Electronic Data Collection 4</u> OBPRELIM Trip and Media Upload	Diana Janda Erin Kupcha Jim Finnegan Charles Dunlap	Overview of OBPRELIM. Using OBPRELIM to enter mock trawl trip and media upload. Digital camera instruction. What to bring: <ul style="list-style-type: none"> • Charged Android tablet and digital camera
1415	Incidental Take Protocol Session	Johanna Pedersen Stephanie Depasquale	Classroom instruction on how to properly record encountered incidental takes. Inc take upload.
1515	Animal Condition Codes, Entanglements, Sighting Log	Johanna Pedersen Stephanie Depasquale	Recognizing various animal conditions and entanglement situations, and how to properly record a protected species sighting.
HOMEWORK ASSIGNMENT: Length Frequency (Due Day 11), Incidental Take Homework (Due Day 12) Readings: <u>Operations Manual: Trip Overview</u> p. 13-20			

TIME	PRESENTATION/ACTIVITY	DESCRIPTION
DAY 10 Friday	October 11, 2019	
	<i>Trawl Training Trip</i>	Tech Park: Training Room & Sandwich Marina
HOMEWORK DUE: Trawl Scenario HW		
	<p><u>Trawl Training Trip</u></p> <p>Rain Dates: October 12, 13, 14</p>	<p>F/V Charger Training Trip Lead: Diana Janda/ Alex Post</p> <p>F/V Michelle Jean II Training Trip Lead: Tori Oriole/ TBD</p> <p>Driver: Tania Lewandowski /Diana Cowan Classroom Support: Diana Cowan</p> <p>Additional directions for day's events will be provided.</p>
	<p>Trawl Trip Upload (OBPRELIM Upload)</p>	<p>Jim Finnegan Charles Dunlap</p>
	<p>*****NOTE*****</p>	<p>You will be uploading your trawl training trip in OBPRELIM Trip ID XXX996</p>
	<p>What to bring:</p> <p><u>Safety Gear:</u></p> <ul style="list-style-type: none"> • Immersion Suit with all attachments • PFDs (must be worn throughout trip) <p><u>Personal Gear:</u></p> <ul style="list-style-type: none"> • Sunscreen & sunglasses • Watch • Food • Water • Any needed prescribed medications • Wear layers • Hat 	<p><u>Work Gear:</u></p> <ul style="list-style-type: none"> • Boots • Gloves • Foul weather gear • Pencils & Clipboard • Waterproof Notepad • On Deck Reference Guide
	<p>Readings: <u>Operations Manual:</u> Gillnet Section p. 23 – 31, <u>Data Entry Manual:</u> Gillnet Gear Log p. 33 – 36, IAL p. 179 – 180, <u>On-Deck Reference Guide:</u> IAL Sampling p. 33 – 36, Fixed Gear Components p. 7-8</p>	

TIME	PRESENTATION/ACTIVITY	PRESENTER	DESCRIPTION
DAY 11 Tuesday	October 15, 2019		
	<i>Gillnet Fishery, EM, Protected Species Workshop, Individual Animals</i>		Tech Park: Training Room, Quissett Lab, Woods Hole MA
HOMEWORK: Length Frequency HW			
0800	Gillnet Fisheries 1. Introduction 2. Gillnet Fishery Gear Characteristics Log/Sector ASM tabs	Tori Oriole	Overview of the Gillnet fishery and operations in the northeast and mid-Atlantic Gillnet gear characteristics and additional components attached to the gear, and associated logs explained.
1045	Electronic Monitoring in Multispecies Fishery	Nichole Rossi Justin Potter	Observer protocols for EM study vessels.
1115	Homework Reviews	Training Staff	Reviews and returning of homework assignments.
1135	LUNCH		
Group 1 1300-1500 Group 2 1515-1715	<u>Session 1: WHOI, MRF Lab, Woods Hole</u> Protected Species Sampling Workshop	Johanna Pedersen Stephanie Depasquale Alex Post TBD TBD	Hands-on incidental take sampling procedures to turtle, bird, pinniped, and cetaceans in lab setting. What to Bring: <ul style="list-style-type: none"> Note taking paper & Pencil Closed toed shoes (boots) Grunden Bibs
Group 2 1300-1500 Group 1 1515-1715	<u>Session 2: WHOI, MRF Room 204, Woods Hole</u> Individual Animal Log Reporting Tagged Fish Shark ID	Joe Mello Ben Church Alex Post Tori Oriole	Candidates receive shark ID, and how to properly use the IAL and enter IAL information into Sector ASM. What to Bring: <ul style="list-style-type: none"> Note taking paper & Pencil
<p>HOMEWORK ASSIGNMENT: <u>Training Binder:</u> Begin Gillnet Scenario (Due Day 13) Readings: <u>Operations Manual:</u> Deckloading: Groundfish Fishery p. 126 – 127, Conveyor Strategies p. 131 - 133, <u>Data Entry Manual:</u> Gillnet Haul Log p. 43, Discard Log p. 205 – 206, <u>On-Deck Reference Guide:</u> Deckloading p. 24, Conveyor p. 25, <u>PDF Readings:</u> <i>Harbor Porpoise Take Reduction Mid-Atlantic and New England</i></p> <p style="text-align: center;">DOD : TBD (08:00) Meghan Plourde</p>			

TIME	PRESENTATION/ACTIVITY	PRESENTER	DESCRIPTION
DAY 12 Wednesday	October 16, 2019		Tech Park: Training Room
	HOMEWORK DUE: Incidental Take HW, Conveyor Presentation		
0800	<u>Catch Estimation Program Part 3</u> Specialized Components <ul style="list-style-type: none"> • Standard Conveyor Belt Protocols • Discard Log • Deckloading/Cumulative Sum Method 	Tori Oriole Diana Janda Alex Post Support: Debra Duarte	Instruction of fishery-specific scenarios, and the appropriate Estimation Methods used to account for them.
1145	Debriefing and Editing Meet Your Debriefers	Joe Mello Debriefing Staff	Informal one-on-one meeting with their assigned debriefer.
1200	LUNCH		
1300	Trawl Trip Review	Greg Early TBD TBD TBD	Review of actual paper logs from training trawl trip. Introduction and use of a trip file worksheet.
1330	Gillnet Fisheries 3. Review Gillnet Fishery Gear Characteristics 4. Gillnet Fishery Haul Log/Tabs	Tori Oriole	Instruction on how to properly sample and record hauls in the gillnet fishery.
1430	Meet an Observer	TBD	Meet current observers currently working in the field. Open Q and A.
1500	Pinger Tester Worksheet	Johanna Pedersen Stephanie Depasquale	Certification on how to properly complete a pinger tester worksheet.
1530	Incidental Take Review Session	Stephanie Depasquale Johanna Pedersen	Review protected species homework and review session to prepare for Incidental Take Exam.
HOMEWORK ASSIGNMENT: Study for Incidental Take Exam and Practical , <u>Training Binder:</u> Deckloading and Cumulative Sum (Due Day 14) Readings: Sturgeon Sampling NEFOP Memo 18-001 <u>PDF Reading:</u> NOAA OLE Press Release: NOAA Penalized Fishermen, inReach Emergency Use “A Case Study” <u>DOD: TBD (13:30) Bridget Harner</u>			

TIME	PRESENTATION/ACTIVITY	PRESENTER	DESCRIPTION
DAY 13 Thursday	October 17, 2019		Tech Park: Training Room
HOMEWORK DUE: Gillnet Scenario HW			
0800	Incidental Take Exam and Practical	Johanna Pedersen Stephanie Depasquale	The exam is an open book exam on MM, sea bird and sea turtle identification, condition codes, sampling protocols and commenting on incidental takes. (classroom) Note: A minimum of 85% for the identification portion is required to pass the NEFOP Observer Certification Program Practical session focuses on species ID and sampling protocols.(hands on session)
1015	BREAK		
1030	Multi-Gear Scenarios	Tori Oriole	Instruction on procedures for Multi-gear scenarios.
1100	Sturgeon Sampling	Chad Keith	Instruction on how to properly sample and record sturgeon interactions.
1130	Gillnet Trip Prep	Tania Lewandowski Training Staff	Overview of Gillnet trip.
1200	LUNCH		
1300	Small Mesh Endorsement Review	Corey Endres	Classroom presentation on small mesh fisheries (eg. butterfish, squid) and their unique protocols.
1315	Incident Reporting and Scenario Incident Scenario Discussion	Kristy Gustafson Zachary Fyke Support: Kara Gross	Regulation Information; Types of Reported Incidents, Field Diary, USCG Boardings, Data Release, Comment Card, inReach. An interactive talk demonstrating the incident report process.
1430	At-Sea Communications Part One: inReach Demonstration Part Two: Lecture on Communications	Zachary Fyke Alex Post Support: Charles Dunlap	inReach instruction. Guidance and scenario discussion on using the inReach and other communication devices on vessels.
1530	<u>Electronic Data Collection Part 5</u> SectorASM Trawl Trip Upload NOAA app catalog discussion Mobile Device Management	Erin Kupcha Charles Dunlap Jim Finnegan	SectorASM trawl trip (992) upload using mock ASM trip data. Discuss approved NOAA app catalog and mobile device management. What to bring: <ul style="list-style-type: none"> Charged Android tablet and digital camera

TIME	PRESENTATION/ACTIVITY	DESCRIPTION
DAY 14 Friday	October 18, 2019	
	<i>Gillnet Training Trip</i>	Tech Park: Training Room, Scituate Harbor
HOMEWORK DUE: Deckloading and Cumulative Sum		
	F/V Endeavor Training Trip Lead: Diana Janda/Alex Post	
	F/V Mary Elizabeth Training Trip Lead: Tori Oriole/TBD	
	<u>Gillnet Training Trip</u>	
	Rain Date October 19 or Harbor trip Driver: Diana Cowan Classroom Support: Tania Lewandowski Additional directions for day's events will be provided.	
*****NOTE*****		Use your trip data for the Sector ASM upload today! Have tablets ready! Trip ID- XXX997
What to bring: <u>Safety Gear:</u> <ul style="list-style-type: none"> • Immersion Suit with all attachments • PFDs (must be worn throughout trip) <u>Personal Gear:</u> <ul style="list-style-type: none"> • Sunscreen & sunglasses • Watch • Food • Water • Any needed prescribed medications • Wear layers • Hat <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <u>Work Gear:</u> <ul style="list-style-type: none"> • Boots • Gloves • Foul weather gear • Pencils & Clipboard • Waterproof Notepad • On Deck Reference Guide </div> </div>		
	Gillnet Trip Upload (ASM Upload)	Jim Finnegan Charles Dunlap Uploading of training trip data.
HOMEWORK: <u>Training Binder</u>: Conflict Resolution Preparatory Assignment		

TIME	PRESENTATION/ACTIVITY	PRESENTER	DESCRIPTION
DAY 15 Monday	October 21, 2019		Tech Park: Training Room
HOMEWORK DUE: Conflict Resolution Preparatory Assignment			
0800	Observer Regulations and Resources	Kristy Gustafson	Regulation Information, forms and support information found in the observer resources folder.
0900	Break Out Sessions	Training Staff Kristy Gustafson	Sessions discuss concerns while working in the capacity of an observer.
0930	NMFS Enforcement	Agent Tom Gaffney Support: Kristy Gustafson	NMFS Officer speaks to the class about the role of the Office of Law Enforcement in NMFS.
1030	Health and Wellness Session II	Alex Post	Instructional session and discussion on additional health and wellness topics one can encounter while observing.
1055	Classroom Prep/Break	Staff	Break to set up for panel talk.
1100	Observer Support Panel	Kristy Gustafson Zach Fyke Kara Gross USCG	Present during the session are members of the Observer Support team who are a part of the <i>safety culture</i> that support all observers. Panel will describe the support system that exists for observers should conflict or incident at sea arise and answer questions throughout the session.
1200	Incidental Take Exam/Scenario Review	Stephanie Depasquale Johanna Pedersen	Review of exam and common errors made.
1215	Homework Reviews /Exam Preparations	Training Staff	
1230	LUNCH		
1330	Gillnet Trip Review	Meghan Plourde TBD TBD TBD	Edited training trips will be returned to class and debriefed.
1350	Fisheries Liaison	Captain Joe Jurek Support: Kristy Gustafson	An interactive Q&A session with a NEFOP fishery representative.
1430	Vessel Selection	Kristy Gustafson	Process of selecting vessels for observing.
1500	Conflict Resolution	Kristy Gustafson Alex Post Support: Training Staff	Candidates are presented with possible conflict situations that could occur while performing job duties. Scenarios are covered in lecture and role playing.
HOMEWORK ASSIGNMENT: Complete Self Skills Checklist, Study for Exam			

TIME	PRESENTATION/ACTIVITY	PRESENTER	DESCRIPTION
DAY 16 Tuesday	October 22, 2019		Tech Park: Training Room
Exam, Data Quality, Outreach, Electronic 6, Mentoring			
HOMEWORK DUE: Self Skills Checklist and Feedback Forms (1300)			
0800	EXAM	Training Staff	A comprehensive open book examination **Complete Feedback Forms** What to bring: <ul style="list-style-type: none"> • All notes, books, manuals • Charged tablet & digital camera
1130	LUNCH (mentor)		
1300	NMFS Outreach	Chad Keith	An overview of outreach materials and opportunities with the NEFOP program.
1315	Certification Trips	Liz Ouellette	Overview of certification trips and what to expect.
1330	Data Quality and Data Evaluation	Liz Ouellette	What data quality means to the Program and to an observer. Explanation of how data quality is evaluated.
1430	<u>Electronic Data Collection 6</u> Trip Maintenance	Charles Dunlap	Deletion of practice trips from Sector ASM and OBPRELIM.
1440	Letters of Introduction	Tania Lewandowski	Issuance of Letters of Introduction.
1445	Exam Review	Training Staff	Classroom review of Exam, open Q&A session.
1510	Class Photos	Training Staff	
1515	Log and NMFS Issued gear	Jack Harrington Training Staff	Issuance of NEFOP logs. LF Strips, age structure envelopes, depth sticks.
1530	Protected Species Sampling Gear Assignment	Johanna Pedersen Stephanie Depasquale Chad Keith	Assignment of marine mammal, sea turtle and sturgeon sampling gear.
1600	NEFOP Graduation / Mentor Times	Training Staff	One-on-one mentor debrief for all candidates.