

**Northeast Fisheries Observer Program
Industry Funded Scallop Observer Program Equipment List**

A. For each observer attending training: Please have the following items available for inspection by NMFS on or before the first day of training and available for use during the training:

- Personal Locator Beacon, buoyant 406 MHz with GPS (suggested: digital display)
- Immersion suit, USCG approved & sized to individual (suggested: with EPIRB pocket)
- PFD, USCG approved wearable vest with CO2 (suggested: hydrostatic auto inflation)
- 2 Strobe lights (one for immersion suit and one for PFD)
- Signal mirror (suggested: ACR Hotshot)
- 2 Whistles – one on immersion suit, and one on PFD
- 2 Handheld spring scales – 12lbs and 100lbs
- 2 Fiberglass measuring tapes – 10ft and 50ft
- 12" caliper, stainless steel - (these calipers just need to be >12")
- Fish measuring board – (must accommodate measuring strips)
- Scallop measuring board – (must accommodate measuring strips)
- Water thermometer, protected in a stainless steel or plastic housing
- 4 cup/liter graduated plastic container
- Solar powered calculator
- 1-cubic foot cooler with 3 ice packs
- 2 Orange Bushel Baskets
- Foul weather gear – jacket, pants, and boots (provided by the observer or provider)
- 2 pairs of rubber gloves
- Clipboard

B. The following are required items which do not need to be brought in for inspection by NMFS:

- Fishes of the Gulf of Maine – Bigelow (recommended, but not required at sea)
- Binoculars – 7 x 50, rubber armored
- Knives & Sharpening stone
- 2 Stainless steel forceps
- Pencils
- 1 5 gallon plastic bucket

C. The following items will be provided by NMFS during training:

- Peterson's Guide to Atlantic Coast Fishes
- Peterson's Guide to the Atlantic Seashore
- Beached Birds, A COASST Field Guide to the North Atlantic
- Write-in-rain notebook(s)
- Age sample envelopes and liners
- Field Diaries
- Fish and scallop measuring strips
- Depth stick
- Tyvek tags for samples
- Data Entry Manual
- Operations Manual
- On-Deck Reference Guide

- Observer Training Binder
- NEFSC Dead Marine Mammal & Sea Turtle Guide
- Port Information Guide
- Regulatory compliance folder
- Marine mammals and turtles field guides
- Requiem shark field guide
- Log packets
- Marel scale and dolly
- Marine Mammal Kit:
 - 10ft measuring tape with centimeter markings
 - Fine point permanent marker & pencil
 - 2 large heavy duty black bags
 - 5 Pairs latex gloves
 - 20 12 inch zip ties
 - Temperature probe
 - 30 NMFS Tyvex tags
 - 10 D0/D0A tags
 - Face shield
 - Waterproof worksheet
 - Clear plastic sample bags:
 - 10 – 12 x 12 (large)
 - 5 – 8 x 8 (medium)
 - 25 – 4 x 4 (small)
- Turtle Biopsy Kit:
 - 10ft measuring tape with centimeter markings
 - Clear tape
 - Parafilm
 - 10 alcohol wipes
 - 10 betadine (or generic) wipes
 - Tweezer/forceps & toothpicks
 - 5 biopsy punches
 - Dive Slate
 - Tagging Pliers
 - Waterproof worksheet
 - 10 Inconel tags
 - 10 Sample Whirlpacks
 - 5 Vials with highly saturated salt water
 - 5 Pairs latex gloves
 - Fine point permanent marker & pencil
 - Pit tag scanner with a waterproof bag and charger
- Neoprene case for electronics:
 - Rugged tablet with stylus and charger
 - Rugged digital camera with charger
 - Mobi WiFi card
 - Satellite communication device unit with charger