



# **Rescue and Survival Personal Protective Equipment Surface Operations**



# Welcome to Rescue and Survival Training

- ✓ Please mute cell phones/devices.
- ✓ Feel free to use the raised hand feature to ask questions verbally at anytime.
- ✓ Feel free to enter questions in the chat at any time.



# Goals

- Ensure that members are assigned the appropriate standard issue personal protective equipment (SIPPE) and Cold weather gear (if applicable).
- Ensure that members are assigned the appropriate optional issue personal protective equipment, as deemed necessary, per U.S. Coast Guard or District policy.
- Ensure PPE meets the requirements for the mission.
- Ensure PPE is up-to-date and properly inspected.
- Ensure PPE is maintained in serviceable condition.
- Ensure all PPE issuance, assignment, and inspection records are recorded in AUXDATA II.



# Objectives

- Standardize procedures and training for FSO-RS and SO-RS staff officers to support members participating in operations on or near the water, including surface operations, vessel examiners, paddlecraft operators, and marine safety personnel.
- Supplement overarching U.S. Coast Guard Auxiliary policy guidance.
- Improve accountability, maintenance, compliance, and equipment cost reduction.
- Protect and preserve government-issued PPE.

# Training Agenda



Guiding Policies

SO-RS and FSO-RS Responsibilities and Duties

DSO-OP job description

Different Types of PPE Gear

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PPE Issuance & Responsibility

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# Training Agenda (continued)

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Understanding Maintenance and Procedures Cards (MPCs)

AUXDATA II Practical Application

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# Guiding Policies

[Welcome to the CG-BSX Web Site \(uscgaux.info\)](http://uscgaux.info)

- Rescue and Survival Systems Manual, M10470.10 (series)  
[uscg.sharepointmil.us/sites/USCGReferences/directives/Directives/CIM\\_10470\\_10H.pdf](http://uscg.sharepointmil.us/sites/USCGReferences/directives/Directives/CIM_10470_10H.pdf)
- Auxiliary Manual, COMDTINST M16790.1 (series)
- Applicable MPCs found in AUXDATA II
- Auxiliary Operations Process Guide VOL I, VOL II 16798.31 (series)
- Auxiliary Boat Crew Qualification Handbook, ABQH 16794.52 (series)
- Auxiliary Training Handbook-Boat Crew, ATH 16794.51 (series)
- Auxiliary Paddlecraft Safety Program Handbook 16794.11 (series)
- Boat Crew Handbook; Rescue and Survival Procedures, BCH 16114.2A (series)  
[Office of Boat Forces \(CG-731\) - Manuals \(sharepoint-mil.us\)](http://sharepoint-mil.us)



# Rescue and Survival Systems Manual, CIM 10470.10H

(This change will be effective in upcoming revision to the RSSM)

- CO/OIC shall designate at least one Auxiliarist in writing as the unit's Auxiliary Rescue and Survival Officer. This Auxiliary member will either be the FSO-RS as designated by the Flotilla Commander (FC) or the SO-RS as designated by the Division Commander (DCDR). If a flotilla or division has no active Boat Crew Qualification Program participants among its membership and no survival equipment that is subject to these provisions, then a unit Auxiliary RS Officer does not need to be designated by the CO/OIC. This does not except the FC from designating an FSO-RS at the flotilla level or the DCDR from designating a SO-RS at the division level.
- Operation Training Officer (OTO) shall designate an active duty or auxiliary member to train and guide the FSO-RS and SO-RS on how to manage PPE issuance, periodic maintenance, and training of rescue and survival equipment.





# SO-RS and FSO-RS Responsibilities

## ➤ SO-RS

- Provide training and support for the FSO-RS, as needed.
- Division subject matter expert for Surface PPE and Surface PPE instruction.
- Designated as secondary PPE data manager.
- Functions as FSO-RS for small flotillas within the district.

## ➤ FSO-RS

- Oversee the assignment, inspection, and maintenance of all PPE used on or near the water for operations to include Surface (boat operations), Paddlecraft and Vessel Examiner for their Flotilla, in accordance with the Rescue and Survival Systems Manual, COMDTINST M10470.10 (series) and applicable Maintenance and Procedure Cards (MPCs). This does not exempt the FC from designating an FSO-RS at the flotilla level or the DCDR from designating a SO-RS at the division level.



# FSO-RS Duties

The FSO-RS duties will include:

- i. Initial build-up
  - ii. Inspections
  - iii. Issuance/Acceptance
  - iv. Periodic maintenance activities
- Designated as primary PPE data manager in AUXDATA II.
  - Primary interface for AUX PPE to the local CG Unit.
  - Ensure member compliance with PPE policies.
  - Ensure accurate assignment/inspection records of PPE in AUXDATA II.
  - Identify unserviceable PPE and remove from service.
  - Protect and preserve government-issued property.
  - Ensure all serviceable PPE not issued is added to inventory in AUXDATA II.



# DSO-OP Job Description

The DSO-OP job description will include:

- Provide program management to the district's Rescue & Survival Systems (RS) Program.
- Ensure that the district's RS Program, including PPE issuance/acceptance, initial build-up, inspection, and maintenance is operating in accordance with (IAW) the Rescue and Survival Systems Manual, COMTDINST M10470.10 (series). This includes Surface Operations, Paddlecraft, Vessel Examiners, and Marine Safety personnel.
- Maintain close liaison with the Operations Training Officer (OTO), cooperating in every way, to ensure prompt and direct flow of information vital to RS activities.
- Promote the RS Program within the district.



# Different Types of PPE Gear

Auxiliary PPE Gear will fall under different categories based in the type of operations and/or member certifications.

- i. **Standard Issue** Personal Protective Equipment (SIPPE) (includes **PLB** and Survival Equipment)
- ii. **Optional Issue** Personal Protective Equipment (as needed based on District Policy).  
Survival Equipment Pouch; Boat Crew Survival Vest; Float Coat; Inflatable PFD; Anti-Exposure Coveralls; Helmet; Rain Gear.
- iii. **Cold weather** equipment: Maritime Cold Weather Suit System (MCWSS)
- iv. **Aviation**
- v. **Other** (AUXPAD, Personal Watercraft Operator (PWO), & Vessel Examiner (VE))



# PPE Eligibility

Members actively involved in the following programs may request PPE through their designated FSO-RS or SO-RS staff officer:

- Boat Crew Members (qualified Coxswains and Crew); Boat Crew Trainees
- Personal Watercraft Operators
- Paddlecraft Operators
- Vessel Examiners; Uninspected Passenger Vessel Examiners; Commercial Fishing Vessel Examiners; Marine Safety Personnel, (Type III or Anti-Exposure Coveralls (AEC)) will only be issued and tracked in ADII.) (Members are authorized to purchase their own Inflatable. Personally procured PPE outside of Type III or AEC for these qualifications will not be tracked in AUXDATA II)
- Members demonstrating a unique need for PPE as specified by the DIRAUX, the OTO, or Unit CO/OIC.

**Exception:** Aviation members shall request PPE through their designated ADSO-AV-RS.



# PPE Requesting Process

- The FSO-RS staff officer will request PPE (member name, ID, Flotilla, PPE type/sizes) to the SO-RS staff officer.
- The SO-RS reviews each Flotilla request for accuracy, consolidates all Flotilla requests, and forwards the request for standard issue gear to the OTO.
- The OTO will review the request and process based on availability of inventory.
- Completed orders are picked up/received by the SO-RS and distributed to Flotillas through the FSO-RS.

**NOTE: This is only a recommended process. Some processes may vary from location to location. Please work with your local District OTO to identify the process used in your area.**



# Steps Required to Properly Issue PPE Gear to a Member

- All **SIPPE** starts with KB0026.1. All Auxiliary Boat Crew members at a minimum must be issued ALL SIPPE IAW Table 1 in MPC KB0026.1.
- All **Cold Weather** equipment (MCWSS) starts with KB0045.0. If issuing Cold Weather equipment, ALL gear must be issued IAW Table 1 in KB0045.0. **Just issuing Layer III (Dry suit) is unauthorized.**
- The process for issuance is the same no matter what piece of PPE gear is issued. The process starts with the [initial build up](#). Then you perform the [inspection](#) of the gear. After the piece of gear has been properly built up and inspected, the gear can now be [issued](#) to the member. Once the gear is issued to the member, the member must now [accept](#) the gear. The acceptance of gear is done in AUXDATA II.
- If the member had not properly signed for the piece of gear in AUXDATA II, then the gear is “Not in Service” and must not be used. The FSO-RS or SO-RS who issued the gear can sign on behalf of the member who is issued the gear if the member authorizes it.
- The SO-RS (Division #) or FSO-RS (Flotilla #) that is responsible for issuing and performing the periodic maintenance of the PPE gear will be designated as the Property Custodian.

**Note:** DO NOT CONFUSE THESE STEPS WITH THE RECORDING OF PPE ISSUED IN AUXDATA II.



# PPE Issuance & Responsibility

- All PPE items issued must be properly fit to the member.
- Survival equipment can either be kept in the Type III PFD (Build up requirements IAW KB0065.0), survival equipment pouch (Build up requirements IAW KB0158.0) (optional) or Boat Crew Survival Vest (Build up requirements IAW KB0048.0) (optional).
- Each member is responsible for the care and inspection of all issued equipment at prescribed intervals.
- Each member must not use such property, or allow its use, for other than authorized purposes.
- Equipment that is lost or damaged through normal operations will be replaced at no cost.
- Members may be responsible for replacement costs of equipment that is lost or damaged due to abuse, neglect, or unauthorized use.
- Once an item is issued it may be taken out of service for maintenance, repair, or unserviceable condition, a replacement item must be issued, if necessary , for the member to maintain operations.





# PPE Issuance & Responsibility (continued)

- Members who have been issued PPE gear and wishes to discontinue participation must notify the FSO-RS or SO-RS and return all issued PPE immediately.
- Members who fail to maintain currency (REYR) at the end of an operational season may be required to return the PPE issued to them if they fail to regain certification in a reasonable time period.
- Any member who fails to return the equipment when directed may be responsible for the current replacement cost of the equipment not returned.
- Inspection time periods are as follows: Weekly (7 days), Monthly (31 days), Quarterly (92 days), S –Semiannually (184 days), Annually (365 days)
- **There are no grace periods for inspection frequencies.** Maintenance shall be completed before the end of the inspection interval. New inspection interval starts at the completion of previous inspection. If the inspection cannot be completed, then the items must be removed from service and built back up. Any PPE that fails an inspection, is found to be unserviceable or misses a required periodic maintenance procedure must be removed from service and noted in AUXDATAII.
- Any PPE failure due to neglect, abuse, improper procedure or deliberate action must be immediately reported to the OTO. The OTO will determine if a summary report is required to explain the actions which rendered the PPE unserviceable. Re-issuance of PPE is not guaranteed if it is determined a member was willfully negligent in their duty to properly wear and maintain the PPE.



# PPE Issuance & Responsibility (continued)

- Any PPE removed from service due to missing required maintenance procedures may only be placed back in service after it has been inspected, built back up, and placed into service via applicable MPC.
- If a damage claim applies to an incident, the PPE will be included in the claim. If the equipment is not part of a damage claim, the member will immediately report the situation and circumstances to the FSO-RS or SO-RS and arrange for an inspection of the PPE prior to further use.
- PPE that is no longer serviceable must be ARCHIVED in AUXDATA II. The PPE will be retained by FSO-RS or SO-RS and notification to the OTO through the COLM must be made. The OTO will determine whether the circumstances warrant replacement and destruction requirements.
- DIRAUX offices will determine the need for issuing AEC. AEC are not required to be issued to units assigned within Sectors Miami, Key West, San Juan, Honolulu, and Guam AO



# PPE Issuance & Responsibility (continued)

Members accepting equipment will be responsible for presenting the equipment for semi-annual inspections (normally conducted in April and October of each year to align with seasonal operations and budget planning) scheduled in one of the following ways:

- SO-RS Staff Officers will schedule and perform inspections at a location convenient for their Division each spring and fall.
- FSO-RS Staff Officers will schedule and perform inspections at a location convenient for their Flotilla each spring and fall.



# Cold Weather Gear

(Based on U.S. Coast Guard or District Policy)

## **Maritime Cold Weather Suit System (MCWSS):** MPC KB0045.0

- Layer III (Dry Suit) is subject to semi-annual inspection and annual leak test.
- All other components of the MCWSS require an annual inspection.
- Layer I (Inner) is a non-returnable item and kept by the member. Only outer layers can be turned in and reassigned. For list of non-returnable Cold Weather items see the RSS Manual.

**Note:** Only the CO/OIC may grant a waiver for wearing hypothermia protective equipment on a single mission basis only. If a waiver is granted, required PPE must still be onboard the facility, readily accessible and donned when conditions considered for granting the waiver are exceeded.

**IAW Auxiliary Operations Process Guide, Volume I, Chapter 10, Section F**

# PPE for Personal Watercraft & Paddlecraft



**Required PPE for PWC Operators are IAW Auxiliary Operations Process Guide, Volume I, Chapter 10, Section I and Section M**

**Required PPE for Paddlecraft operators are IAW Auxiliary Paddlecraft Safety Program Handbook 16794.11 (series), Chapter 2, Section G**



# PLB Registration

The PLB registration shall be updated every two years.

Ref. MPC KB0040.0 to ensure proper registration and issuance

- Ensure that all PLBs are registered.
- To register electronically, log into NOAA beacon registration at: <http://www.beaconregistration.noaa.gov>.
- Enter 15-digit beacon ID number. **Note: owner/operator is the OIA.** Mailing address and phone number(s) will be the same as the registered Station or Sector.
- Enter the owner/operator information. **Note: centralized email address as designated by the DIRAUX or OIA.**
- Enter general use data, as follows: Usage as "Government-Military"; specific use as "Other"; comment field "U.S. Coast Guard Auxiliary"; and type "Boat." In the "Additional Information" section include: member full name, member number, cell phone and home phone number. Facility owners specify location where the facility is moored or trailered; and location of the facility when not in use or when in storage. List "District or Sector" as the primary 24 hour emergency point of contact.
- A confirmation sticker will be mailed from NOAA to the OIA (owner/operator) to keep on file.
- NOAA will send a re-registration notice to the mailing address.



## For Auxiliary Districts/Members Authorized to Use Inflatable PFDs

- The Mustang Survival MD-3183 v34 is the only CG approved inflatable PFD authorized for CG Auxiliary use. Members must have completed the Mustang Survival MD-3183 v34 PQS for initial issuance.
- The Mustang Survival MD-3183 v34 can be worn over ODU, AWU, or dry suits on all missions (when authorized by the OTO). Inflatable PFDs are not authorized to be worn with anti-exposure coveralls because it creates too much buoyancy to safely egress out of a capsized boat. Harnesses of all types shall not be used with automatically inflating PFDs. Inflatable PFDs are not authorized to be worn under the Boat Crew Survival Vest.
- Members must complete the Mustang Survival MD-3183 v34 PQS annually in order to maintain usage of the inflatable PFD.
- At or below 32 degrees F air temperature, surface operators shall not use inflatable PFDs.



# Understanding Maintenance Procedure Cards (MPCs)

All the MPCs can be found in AUXDATA II: Files/Libraries/Rescue & Survival Systems Maintenance Procedure Cards (MPC). [AUXDATA II Community](#)

Equipment will be examined in accordance with the U.S. Coast Guard Rescue and Survival Systems Manual and MPC inspection cards while performing:

1. Issuance/Acceptance
2. Initial build-up
3. Inspections
4. Periodic maintenance activities

This ensures that rescue and survival equipment functions properly during its life cycle.

**Note:** The most current and up to date MPC must be followed while performing issuance, initial build-up, inspection and periodic maintenance activities on Auxiliary PPE. The master PPE list is subject to change at any time. Check AUXDATA II to be sure you are using the latest MPCs. Each MPC has a revision date printed at the top left.



# Understanding Maintenance Procedure Cards (MPCs)



STANDARD ISSUE GEAR (*Denotes MPCs needed for mandatory issued Standard gear)		
MPC	Description	Last Updated
*KB0026.1	USCG AUXILIARY STANDARD ISSUE PERSONAL PROTECTIVE EQUIPMENT (SIPPE) INSP/ACCPT	10/15/2024
*KB0040.0	406 PERSONAL LOCATOR BEACON (PLB) INSP/ACCPT	09/30/2024
KB0156.0	FASTFIND 220 PLB GPS/GNSS TEST	04/30/2020
*KB0065.0	TYPE I, II, OR III PERSONAL FLOTATION DEVICE (PFD) INSP/ACCEPT	09/30/2021
*KB0107.0	SURVIVAL EQUIPMENT INSPECT	04/30/2023
KB0048.0	BOAT CREW SURVIVAL VEST (BCSV) INSPECT/ACCEPT	06/30/2024
KB0143.0	MD 3183V34 CG AUXILIARY PFD INSP/ACCPT	11/15/2019
KB0145.0	ANTI-EXPOSURE COVERALLS INSP/ACCEPT	11/15/2021
KB0158.0	SURVIVAL EQUIPMENT POUCH INSP/ACCPT	06/15/2024
KB0159.0	GALVION USCG BOAT CREW HELMET INSP/ACCPT	06/15/2024

Cold Weather Gear (*Denotes MPCs needed for mandatory issued Cold WX gear)		
MPC	Description	Last Updated
*KB0045.0	COLD WEATHER PERSONAL PROTECTIVE EQUIPMENT (PPE) INSP/ACCPT	09/30/2021
*KB0153.0	SENTINEL™ SERIES LIGHTWEIGHT BOAT CREW BOAT CREW DRY SUIT INSPECT/CLEAN	01/31/2023
KB0154.0	SENTINEL™ SERIES DRY SUIT SEAL REPAIR	02/15/2023



# Understanding Maintenance Procedure Cards (MPCs)

## Aviation

(\*Denotes MPCs needed for mandatory issued Aviation gear)

MPC	Description	Last Updated
*KB0040.0	406 PERSONAL LOCATOR BEACON (PLB) INSP/ACCPT	07/15/2024
*KB0156.0	FASTFIND 220 PLB GPS/GNSS TEST	04/30/2020
*KB0107.0	SURVIVAL EQUIPMENT INSPECT	04/30/2023
*KB0164.0	ANNUAL USCG AUXILIARY ELECTRONIC VISUAL DISTRESS SIGNAL (EVDS) INSPECT	03/15/2022
KB0049.0	LIFESAVING SYSTEMS 485-CG LIFE PRESERVER SURVIVAL VEST (LPSV) INSP/ACCPT	02/29/2024
AMTC-R 1128-BL ALPSP	AUXAIR Survival Vest - Capewell Aerial Systems	
ALSE 2561630	Flight Gear Annual Inspection	01/14/2021



# Understanding Maintenance Procedure Cards (MPCs)

Demonstrate the following using an MPC:

1. Locate an MPC Number and Date.
2. Follow the MPC.
3. Conduct a build up IAW INSP/ACCEPT requirements.
4. Conduct a semi-annual inspection IAW SEMIANNUAL INSP requirements.
5. Conduct an annual inspection and inventory IAW ANNUAL INSPECT/INVENTORY requirements.



# AUXDATA II Practical Application

1. Locate MPCs. All the MPCs can be found in AUXDATA II: **Files/Libraries/Rescue & Survival Systems Maintenance Procedure Cards (MPC)**. [AUXDATA II Community](#)
2. Locate the resource **AUXDATA II for PPE Data Managers: How to Enter Personal Protective Information**.

Using the **AUXDATA II for PPE Data Managers: How to Enter Personal Protective Information** perform:

1. Steps required to properly Issue PPE gear as the PPE Data Manager.
2. Steps required to properly document PPE inspection(s) as the PPE Data Manager
3. Steps required to Inventory PPE gear.
4. Steps required to Archive PPE turned in.



# PPE Resources

**PPE Resource available on the Response Directorate Surface website**

**<https://wow.uscgaux.info/content.php?unit=R-DEPT&category=surface>** (select “PPE Resources” tab on left side):

- Standard Issue PPE (training video)
- Cold Weather Issue PPE (training video)
- AUX PPE Document - (list of all MPCs that must be used for issue/acceptance, initial build up, inspections, and periodic maintenance)
- PPE Inspection Standard (form)
- PPE Inspection Cold Weather (form)

# Questions?



WE WANT TO HEAR  
..... *from* .....  
YOU