

# **Lifesaving Equipment Fall 2011 Update for CFSAC**

**U.S. Coast Guard**

**Office of Design and Engineering Standards  
Lifesaving and Fire Safety Division (CG-5214)**

**Jacqi Yurkovich**

**Jacqueline.P.Yurkovich@uscg.mil**

**(202) 372-1389**



# Overview

---

- Load Lines (Naval Architecture Division)
  - Lifesaving Equipment Approval and Production Testing (Independent Laboratories)
  - PFDs
  - Immersion Suits
  - Liferrafts
  - Buoyant Apparatus and Life Floats
- 



# Load Lines

---

- Load Lines ensure seaworthiness of the vessel
  - 2010 USCG Auth Act requires:
    - Vessel Classification for vessels  $\geq 50$  ft
    - Load Line Certification for vessels  $\geq 79$  ft
  - 1 July 2012 effective date (self-executing)
  - Affects fishing vessels built after 1 July 2012
  - Class Societies will develop/own standards and issue Load Line certificates on behalf of the USCG
  - LCDR Catherine Phillips
    - Naval Architecture Division (CG-5212)
    - Catherine.A.Phillips@uscg.mil
    - (202) 372-1374
- 



# Equipment Approval and Production Testing

---

- IR Published October 11, 2011, effective November 10, 2011
  - Harmonize Coast Guard's design, construction, and performance standards with international standards
  - Accepted independent laboratories may conduct prototype and production testing, and in some cases, plan approval review on behalf of CG
- 



# Personal Flotation Devices

---

- North American Harmonization
    - National deviation from ISO Standard 12402
    - Canada, US, Mexico (?)
    - Modify PFD Type designation
    - Different labeling
  - Mustang voluntary recall notice on MD2010 & MD2012 model 22 lb Inflatable PFDs
    - [www.mustangsurvival.com//22lb-product-notice](http://www.mustangsurvival.com//22lb-product-notice)
    - USCG Approvals 160.076/4028 and 160.076/8922
- 



# Immersion Suits

---

- Possible rulemaking project in the initiation stage
    - Harmonize CFR with IMO
  - NVIC 01-08 Shipboard Inspection and Testing of Immersion Suits
    - Guidelines for monthly shipboard inspections of immersion suits by ships' crews (MSC Circ. 1047)
    - Guideline for periodic testing of immersion suit seams and closures (MSC Circ. 1114)
- 



# Liferafts

---

- Res. MSC.293(87) and MSC.295(87)
  - Average mass of occupant now 82.5 kg (up from 75 kg)
  - Effective January 1, 2012
  - Does not apply to liferafts currently in service
  - SNPRM - Comment period ends November 25, 2011
- 



# Buoyant Apparatus and Life Floats

---

- 2010 CG Auth Act prohibits the approval of survival craft unless the craft ensures that no part of an individual is immersed in water
  - 1 January 2015
  - Affects all vessels currently carrying life floats or rigid buoyant apparatus to meet survival craft carriage requirements
  - You may not use LF or rigid BA to meet survival craft carriage requirement after 1 January 2015
  - IBAs are not affected
  - You don't have to wait until 2015 - survival craft higher in the hierarchy can be substituted for life floats and BA now
  - Possible rulemaking projects in the initiation phase
- 





# Contacts and Websites

---

- Jacqueline.P.Yurkovich@uscg.mil or (202) 372-1389
  - New division email: TypeApproval@uscg.mil
  - Lifesaving and Fire Safety Division webpage:  
[www.uscg.mil/hq/cg5/cg5214/](http://www.uscg.mil/hq/cg5/cg5214/)
  - [www.CGMIX.uscg.mil](http://www.CGMIX.uscg.mil) for approved equipment, accepted laboratories, and liferaft servicing facilities listings
  - Navigation and Vessel Inspection Circulars:  
[www.uscg.mil/hq/cg5/nvic/nvic.asp](http://www.uscg.mil/hq/cg5/nvic/nvic.asp)
  - Questions on Load Lines? Contact LCDR Catherine Phillips at [Catherine.A.Phillips@uscg.mil](mailto:Catherine.A.Phillips@uscg.mil)
- 

