

COMMERCIAL FISHING VESSEL SAFETY EXAMINER ORIENTATION FOR USCG & USCG AUXILIARY





USCG AUXILIARY PREVENTION

PURPOSE

The purpose of this slide show is to introduce Auxiliary members to Commercial Fishing Vessel requirements and encourage members to become Commercial Fishing Vessel Safety Examiners.





THE CFVSE MISSION

- Provide outreach about safety requirements for Commercial Fishing Vessels.
- Conduct voluntary no-fault dockside exams with permission of a vessel operator to verify compliance with the Commercial Fishing Industry Vessel Safety Act of 1988, and subsequently issue the CFVS decal if the vessel is found to be in compliance.
- Eliminate potential voyage terminations due to improper / insufficient equipment, weather, sea state, and/or Especially Hazardous Conditions (EHCs).





COMMERCIAL FISHING VESSELS

Commercial fishing vessels or industrial fishing vessels are employed for catching fish and other seafood primarily from wild fisheries for commercial profit.

The Office of Fishing Vessel Safety (CG-CVC-3) of the U.S. Coast Guard implements policies and regulations for the Commercial Fishing Vessel(CFV) industry with the goal of achieving a significant reduction in CFV fatalities, vessel losses and damage to the environment through outreach efforts, training, dockside examinations and at-sea boardings.





REGULATORY BACKGROUND

Pursuant to the passage of the Commercial Fishing Industry Vessel Safety Act of 1988 (P.L. 100-424), the Coast Guard published regulations in Title 46 Code of Federal Regulations (CFR) Part 28 detailing equipment, design and operational requirements for commercial fishing industry vessels, including fishing, fish processing and fish tender vessels. This revision incorporates lessons learned and recommendations received from the field since the inception of the program.





CG AND MARITIME TRANSPORTATION ACT OF 2012

- ◎ As of October, 15, 2015, Dockside Safety Examinations are mandatory for all commercial fishing vessels operating more than 3 NM offshore of the baseline of the U.S. territorial sea.
- ◎ Mandatory exams are required a minimum of every 5 years. Some vessels/areas, however, may be subject to a more frequent examination schedule.
- ◎ Coast Guard policy is that the CFVS decal is issued for 2 years. Vessels with expired decals may be targeted for boarding. Those with decals expired 5 years or more are subject to civil penalties.





DEFINITIONS

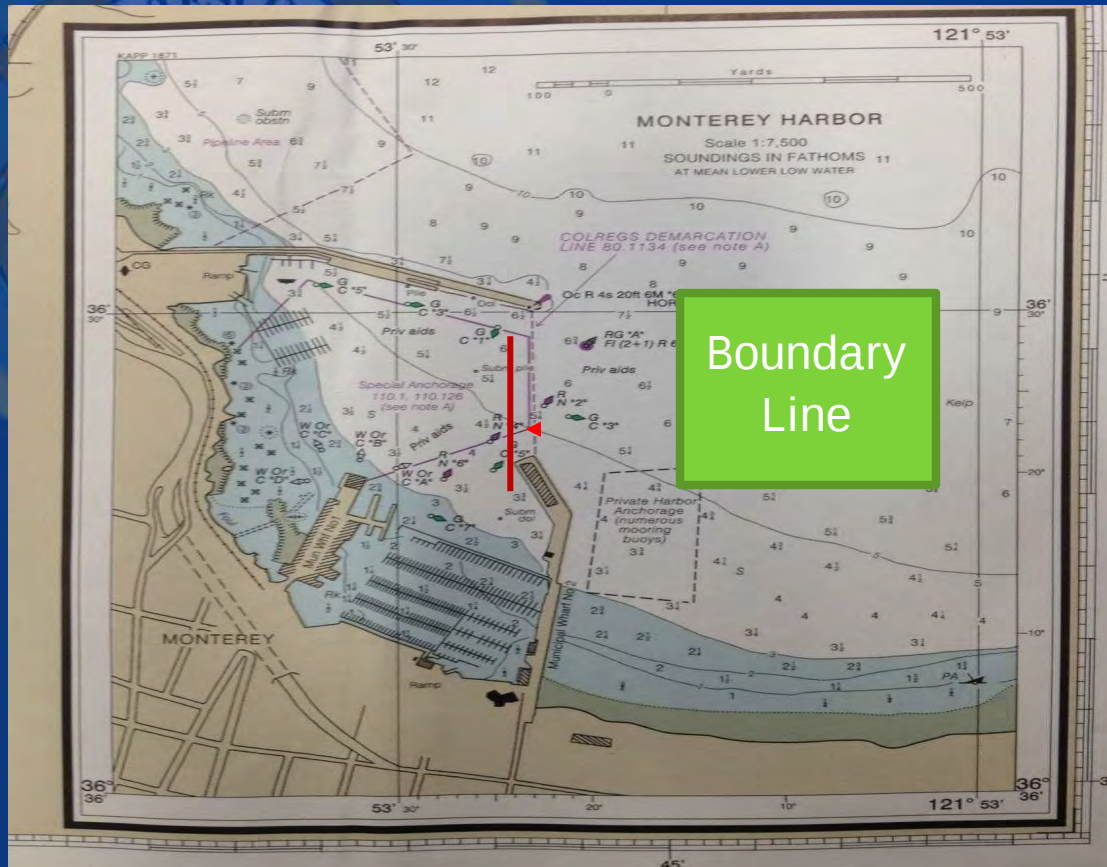
BOUNDARY LINES

As a general rule, on the Atlantic, Pacific and Gulf Coasts, the Boundary Line extends across the entrances to small bays, inlets, harbors, rivers, the ends of breakwaters or jetties, etc. In many cases, this means that as soon as an outbound vessel crosses seaward of the entrance, it is operating beyond the Boundary Line. In other areas, such as the San Francisco and Chesapeake Bays, the boundary lines are at the mouths of the bays.





BOUNDARY LINES



Example:
In Monterey Bay, if a vessel is outside the harbor, it is operating beyond the Boundary Line





COASTAL WATERS

- ◉ Coastal Waters are territorial seas of the U.S., typically 3 NM from the coast (i.e. within 3 NM) as measured from the coastline/baseline.
- ◉ In some areas, bays with openings greater than 2 NM across are included in Coastal Waters.
 - Coastal Water lines are typically marked on charts.





BOUNDARY LINES

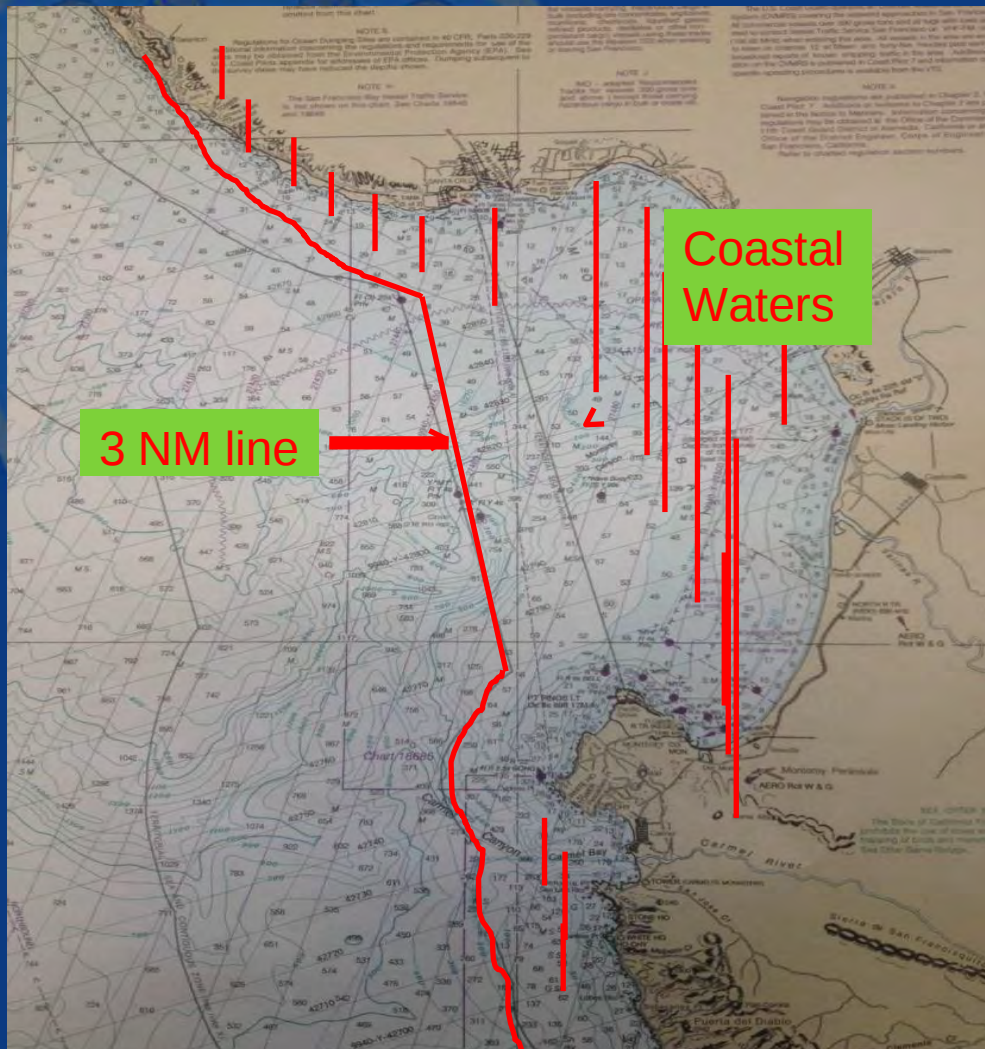


Example:
In Monterey Bay,
the coastline/
baseline runs along
a line drawn across
the mouth of the bay
from point Santa
Cruz to Point Pinos.





COASTAL WATERS



In this situation, a vessel may be more than 10 NM from land but still be considered in Coastal Waters / within 3 NM.





WHAT'S NEEDED TO COMPLY WITH THE REGS

- ◎ Use the *Commercial Fishing Vessel Checklist Generator*:

<http://www.fishsafewest.info/checklist/generator.html>

(copy & paste link into your browser to launch)

- ◎ Vessel owners and CFVS Examiners can use the *Commercial Fishing Vessel Checklist Generator* to determine the regulations that apply to a particular vessel.
- ◎ Contact the U.S. Coast Guard, Local Sector Prevention, to arrange for a Commercial Fishing Vessel Safety Examination.





CFVS EXAM PROCESS

- ◎ The Commercial Fishing Vessel Safety Examiner (CFVSE) will usually prearrange a time and date for the exam.
- ◎ The CFVSE will review all required documentation, safety equipment, and safety operations during the one to two hour exam.
- ◎ During the CFVS examination, there may be many questions, so refer to your district's BOJAK (Job Aid) or contact your Sector CFVS Coordinator.
- ◎ If the vessel/operator passes, the examiner will issue a current decal.
- ◎ If the vessel/operator does not pass the exam, the examiner will provide a copy of the deficiencies and contact information for rescheduling the exam.





The following slides present most of the items required to pass the CFVS exam and receive a Commercial Fishing Vessel Safety decal

Commercial Fishing Vessel Safety
EXAMINATION

VESSEL
☐ Documented
☐ Undocumented

OPERATION AREA:
☐ Beyond Boundary Line
☐ Inside Boundary Line

☐ Cold Waters
☐ Warm Waters

☐ 3 NM
☐ 12 NM
☐ 20 NM
☐ 50 NM
☐ > 100 NM

THIS VESSEL MEETS
ALL USCG COMMERCIAL
FISHING INDUSTRY VESSEL
REGULATIONS FOR OPERATION
AREA AS INDICATED

NO. 117313

EXPIRES
 2021 ☐
 2022 ☐
 2023 ☐
 2024 ☐
 2025 ☐

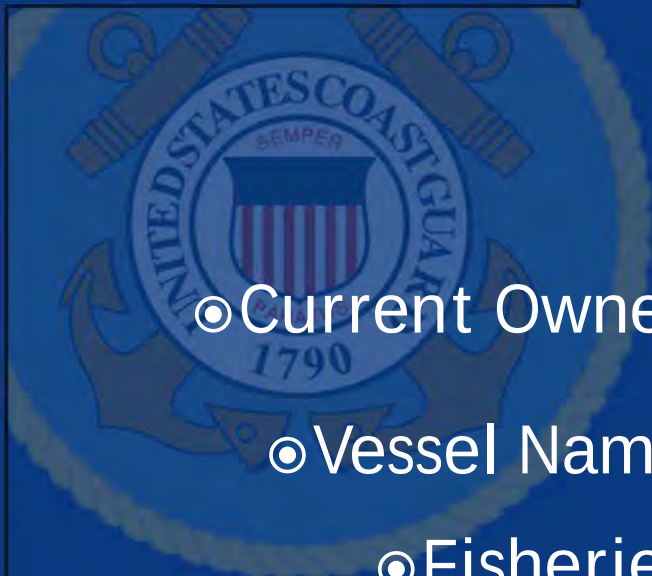
JAN	JUL
FEB	AUG
MAR	SEP
APR	OCT
MAY	NOV
JUN	DEC

CG-03078 (Rev 01-0410) U.S. Department of Homeland Security





CERTIFICATE OF DOCUMENTATION



- Current Owner
- Vessel Name
- Fisheries Endorsement
- Renewed Annually

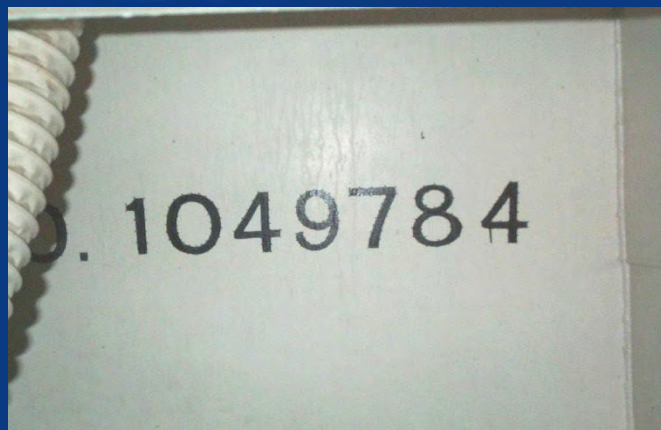
UNITED STATES OF AMERICA DEPARTMENT OF TRANSPORTATION UNITED STATES COAST GUARD NATIONAL VESSEL DOCUMENTATION CENTER CERTIFICATE OF DOCUMENTATION			
VESSEL NAME YORKTOWN THREE		OFFICIAL NUMBER 4100035	IMO OR OTHER NUMBER BERT37050102
HAIRING PORT YORKTOWN, VA		HULL MATERIAL FRP	MECHANICAL PROPULSION YES
GROSS TONNAGE 29 GRT	NET TONNAGE 23 NRT	LENGTH 37.9	BREADTH 14.2
PLACE BUILT MIAMI, FL		DEPTH 8.1	
OWNERS JOHN A. GENTILE		OPERATIONAL ENDORSEMENTS RECREATION	
MANAGING OWNER JOHN A. GENTILE COMMANDING OFFICER TRACEN YORKTOWN THAYER HALL #217 YORKTOWN, VA 23690-5000			
RESTRICTIONS NONE			
ENTITLEMENTS NONE			
REMARKS NONE			
ISSUE DATE JANUARY 26, 2002		THIS CERTIFICATE EXPIRES JANUARY 31, 2003	
		 DIRECTOR, NATIONAL VESSEL DOCUMENTATION CENTER	





DOCUMENTED VESSEL MARKINGS

- ◉ Name in 4" letters on both sides of the bow
- ◉ Name and hailing port on stern
- ◉ Document number permanently attached to interior structural portion of vessel with 3" numbers





DOCUMENTED VESSELS

Access to the Vessel Number may be limited. If a fish holding tank is in place, you may not be able to access this number.





CERTIFICATE OF NUMBER

- Registration shows current owner
- Registration matches HIN number and is not expired

VESSEL CERTIFICATE OF NUMBER

BUILDER ZODIAC		VESSEL USE PLEASURE		REGISTRATION EXPIRES DEC/31/2009		CO. CODE 5000		TYPE V1		VESSEL NUMBER CF 5304 KA		
HULL NUMBER K0234L203		DATE ISSUED 01/10/2008										
YEAR MODEL	YEAR BUILT	LENGTH FT	IN	TYPE VSL	HULL TYPE	HULL MATERIAL	PROP	FUEL				
2003	2003	009	04	82	I	X	H	X				

TOTAL FEES PAID
\$20

REGISTRATION OWNER
HOLDERS

[Redacted Box]
MODESTO CA 95355

State of California
DEPARTMENT OF MOTOR VEHICLES

09926





STATE REGISTERED VESSEL MARKINGS



- ◉ Current state registration decals
- ◉ 3" lettering
- ◉ Contrasting color
- ◉ Forward half of vessel on both sides of the bow





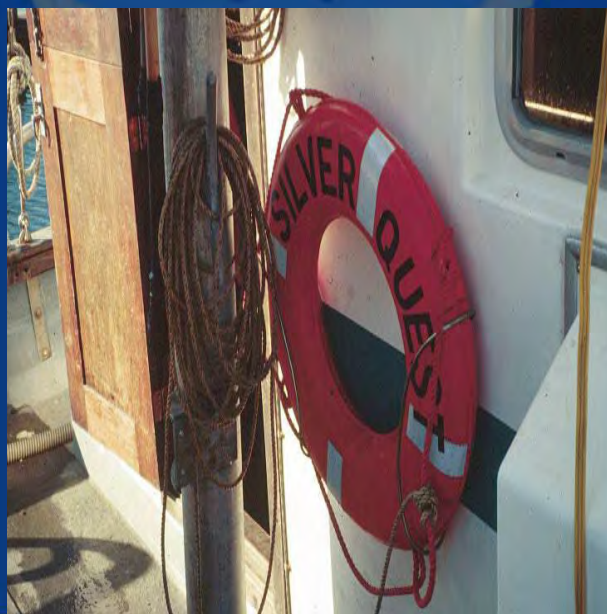
FCC SHIP STATION LICENSE

- ◉ A Federal Communication Commission SSL is required for:
 - Documented CFVs operating beyond boundary lines.
 - Power driven vessels over 65'.
 - Any vessel with SSB radio, satellite communications systems, or telegraphy equipment.
 - Vessels traveling to foreign ports.
- ◉ Renewed every 10 years
- ◉ Must be registered to current owner





LIFESAVING





VISUAL DISTRESS SIGNALS

- ◉ Within 50 NM:
 - 3 Parachute Flares
 - 3 Smoke Signals
- ◉ CG Approved or SOLAS Approved
- ◉ Beyond 50 NM, flares/signals must be SOLAS Approved





VISUAL DISTRESS SIGNALS

Vessels Operating on Coastal Waters

Night: electric distress light 160.013 or
3 approved flares*

Day: distress flag 160.072 or
3 approved flares* or
3 approved smoke signals

*If handheld flares are carried, same 3 flares can be used to meet
both day and night requirements.





CURRENT FLARES







IMMERSION SUITS

- ◉ One correctly-sized suit for every person on board
- ◉ Serviceable condition
- ◉ Approved marker light attached
- ◉ Marked with vessel or crew member's name
- ◉ Stowed in readily- accessible location
- ◉ Reference: 46 CFR 28.110 - *Life preservers or other personal flotation devices*





LIFE JACKETS (PFDs)



- ◉ One PFD for every person on board
- ◉ Proper type and size
- ◉ Serviceable condition
- ◉ Approved marker light attached
- ◉ Marked with vessel or crew member's name
- ◉ Stowed in readily-accessible location





RING BUOYS

- ◉ Serviceable Condition
- ◉ CG Approved
- ◉ 60' Line for vessels under 65'
- ◉ 90' Line for vessels over 65'
- ◉ Marked with name of vessel & reflective tape





SURVIVAL CRAFT

- ◉ Survival craft requirements vary based on type of documentation, distance offshore, warm/cold waters, vessel length, and number of persons onboard.
- ◉ See 46 CFR 28.120 or the *CFV Checklist Generator* for survival craft requirements for the vessel and operating area.





TYPES OF SURVIVAL CRAFT

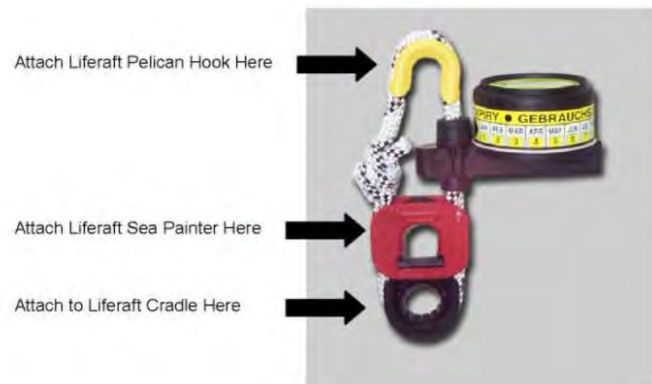




EXAMINING THE RAFT

- ◎ Ensure life raft is in a float-free location.
- ◎ Ensure life raft capacity matches # of POB.
- ◎ Ensure life raft is serviced annually.
- ◎ Ensure hydrostatic release is current and properly installed.

Hammar Hydrostatic Release Installation for Liferrafts





REQUIRED EPIRB

Category 1 EPIRB

- Float-free, auto activation
- Required for all vessels operating beyond Coastal Waters and over 36'

Category 2 EPIRB

- Allowed for vessels 36' or under
- Can be housed in bridge area; no hydrostatic release
- Must be readily accessible





- Current hydrostatic release (Category 1 only)
- Current NOAA registration
- Current battery





FIRE FIGHTING





FIRE FIGHTING

Vessels under 65'

TABLE 25.30-20(a)(1)

Length, feet	Minimum number of 5-B portable fire extinguishers required ¹	
	No fixed fire extinguishing system in machinery space	Fixed fire extinguishing system in machinery space
Under 16	1	0
16 and over, but under 26	1	0
26 and over, but under 40	2	1
40 and over, but not over 65	3	2

¹One 20-B portable fire extinguisher may be substituted for two 5-B portable fire extinguishers.





FIRE FIGHTING

Vessels 65' and over

- See 46 CFR 28.160 or the *CFV Checklist Generator* for portable fire extinguisher requirements
- Number of extinguishers and specific locations are specified for these vessels.

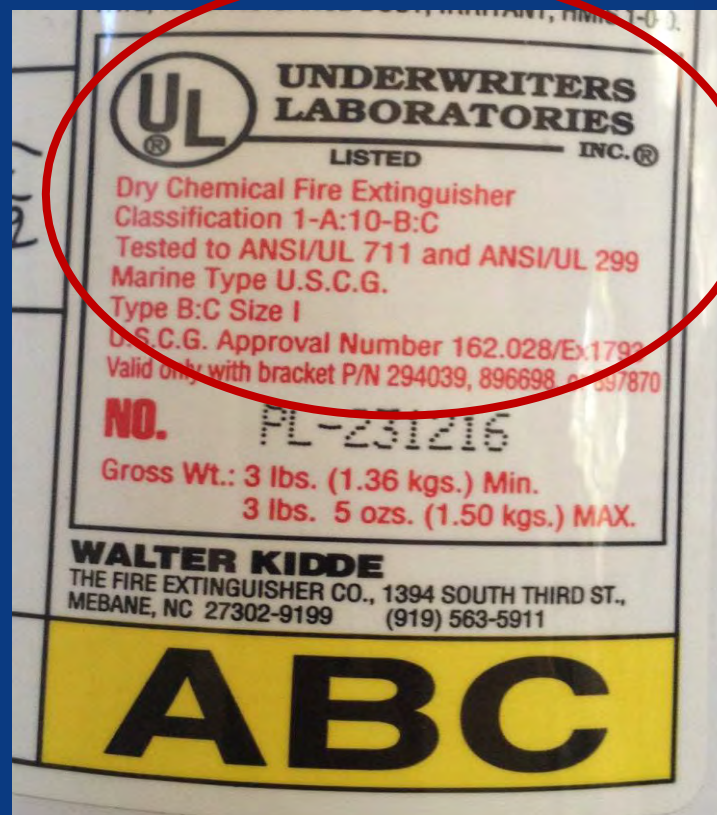




FIRE FIGHTING

○ Portable fire extinguishers must be:

- CG approved for marine use.
- Mounted in an approved marine-type bracket.
- Correct UL size rating and classification.





FIRE EXTINGUISHERS

- ◉ If an extinguisher has a gauge, ensure it is in the green.
- ◉ Rechargeable extinguishers: Annual servicing by certified technician required.
 - Crew must complete monthly checks.
- ◉ Single use/disposable extinguishers:
 - Crew must complete monthly checks.
 - Extinguisher must be replaced 12 years after manufacture date.





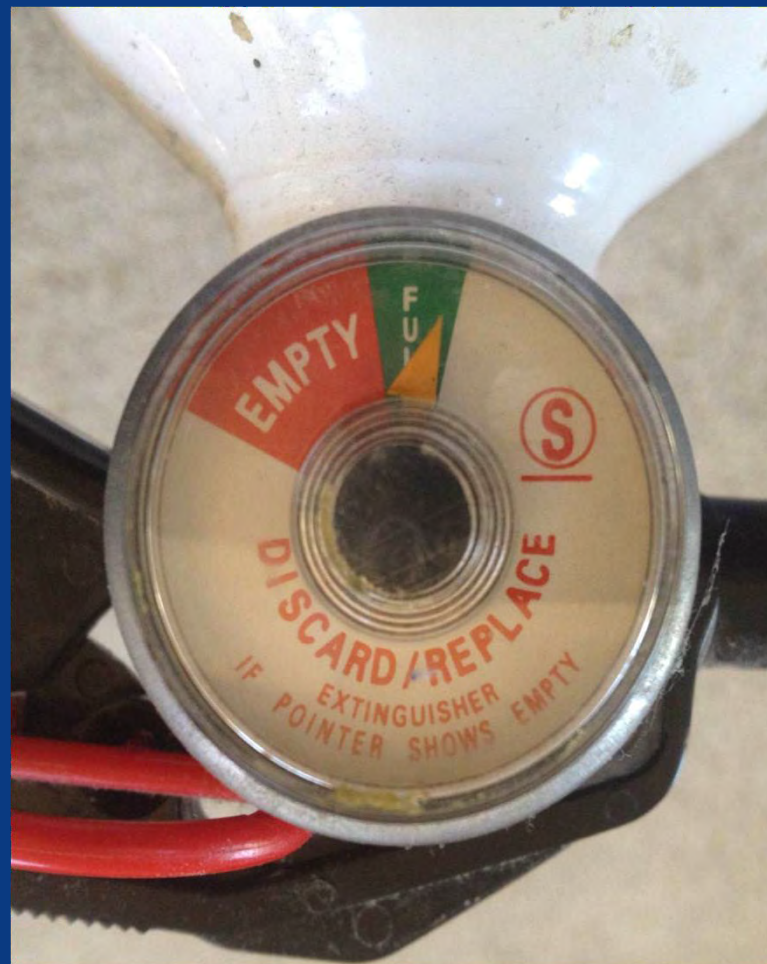
FIRE EXTINGUISHERS

- Avoid inhaling the dry chemical agent.
- CAUTION:**
- DO NOT TEST. Any use will cause pressure loss.
- Discard extinguisher if dropped, damaged, dented or corroded in any way.
- Avoid exposure to contents if wearing contact lenses; or have respiratory illnesses or skin allergies.
- Although the agent contained in this extinguisher is not toxic, it may cause skin irritation. In case of contact with agent, flush from affected area with clean, cool water.
- If irritation persists, contact a physician immediately. The chemical name of agent is located below.
- Disposable Fire Extinguisher. Do Not attempt to refill and pressurize (recharge).
- Discard immediately after any use. Completely discharge unit before discarding.

HOME 110
Made in U.S.A. 1998 Item 466149 Label 340042

MODEL H 110 G

ABC





FIRE FIGHTING

- Pre-engineered and fixed systems
 - Must be sized correctly for the protected space.
 - Must be installed in accordance with regulations.
 - Must be serviced annually by a certified technician.





PLACARDS

- ◉ Injury Placard
- ◉ Garbage Placard
- ◉ Oil Pollution Placard

The discharge of all garbage, most importantly all forms of plastic, is prohibited into the navigable waters of the United States and into all other waters except as specifically allowed below. A person who violates these requirements is liable for civil and/or criminal penalties.

Within 3 nautical miles of land	3 to 12 nautical miles from land	12 or more nautical miles from land
Discharge of all garbage is prohibited.	<u>Permitted</u> Ground food waste that is able to pass through a screen with openings no larger than 1 inch.	<u>Permitted</u> Food waste. Wash water. Cargo residues and cleaning agents may be discharged en route if not harmful to the marine environment.

Regional, state, and local restrictions on garbage discharges also may apply.

REPORT ALL INJURIES

UNITED STATES LAW, 46 UNITED STATES CODE 10603, REQUIRES EACH SEAMAN ON A FISHING VESSEL, FISH PROCESSING VESSEL, OR FISH TENDER VESSEL TO NOTIFY THE MASTER OR INDIVIDUAL IN CHARGE OF THE VESSEL OR TO THEIR AGENT OF THE EMPLOYER REGARDING ANY ILLNESS, DISABILITY, OR INJURY SUFFERED BY THE SEAMAN WHEN IN SERVICE TO THE VESSEL NOT LATER THAN SEVEN DAYS AFTER THE DATE ON WHICH THE ILLNESS, DISABILITY, OR INJURY AROSE.

DISCHARGE OF OIL PROHIBITED

The Federal Water Pollution Control Act

prohibits the discharge of oil or oily waste into or upon the navigable waters of the United States, or the waters of the contiguous zone, or which may affect natural resources belonging to, appertaining to, or under the exclusive management authority of the United States, if such discharge causes a film or discoloration of the surface of the water or causes a sludge or emulsion beneath the surface of the water. Violators are subject to substantial civil penalties and/or criminal sanctions, including fines and imprisonment.

Report all discharges to the
National Response Center at 1-800-424-8802
or to your local U.S. Coast Guard office
by phone or VHF radio, Channel 16.

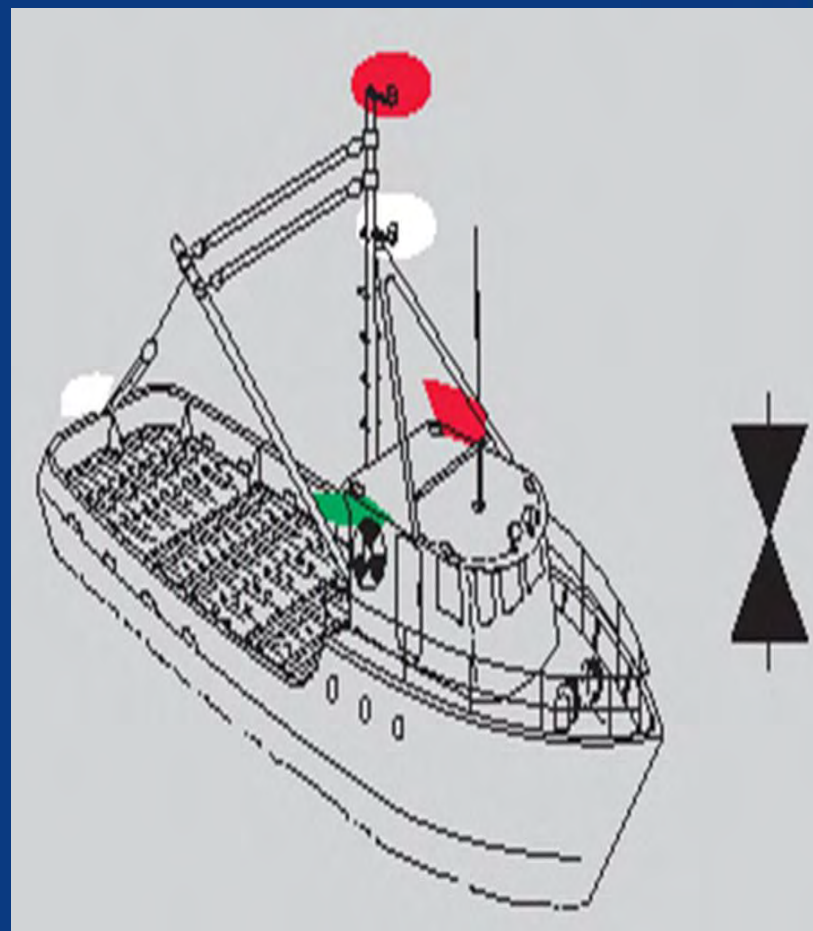




DAY SHAPES & LIGHTS

○ Fishing vessels with gear in the water that restricts their ability to maneuver must display the following navigation lights and day shape:

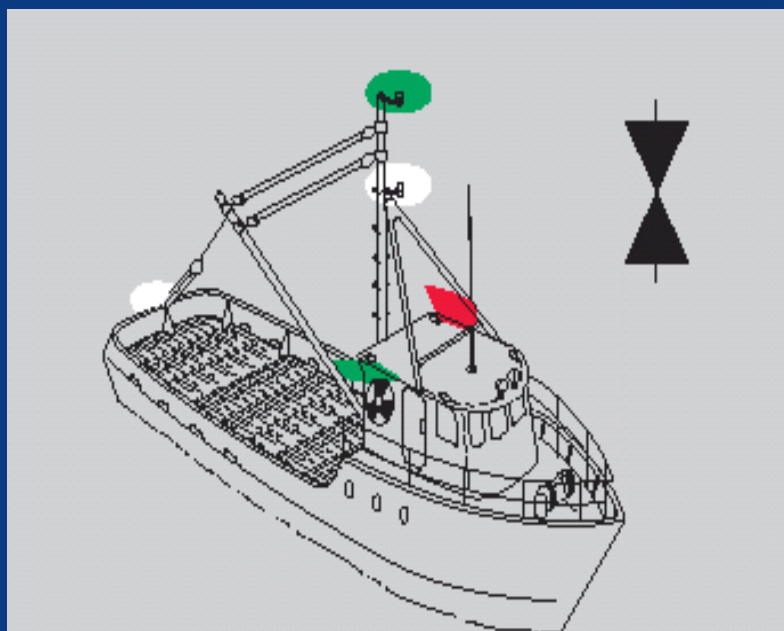
- All-around red light over an all-around white light
- Day shape: Two cones with apex pointed together





DAY SHAPES & LIGHTS

- Trawlers must display:
 - All-around green light over an all-around white light
 - Day shape: Two cones with apex pointed together





EMERGENCY INSTRUCTIONS AND DRILLS

- ◉ Documented CFVs are required to have emergency instructions.
- ◉ If there are more than 3 POB, emergency instructions must be posted
- ◉ Documented CFVs must conduct monthly emergency drills.
 - Drills must be conducted by a qualified drill conductor.
 - Drills must be conducted as if there were an actual emergency.





DOCUMENTED VESSELS

○ Additional items that are checked on documented vessels include:

- First Aid/CPR requirements.
- Communication equipment requirements.
- Communication emergency power supply requirements.
- High water alarm requirements.
- General alarm requirements.
- Bilge pump requirements.





HOW TO BECOME A CFV SAFETY EXAMINER

CONTACT INFORMATION:

- ◉ Local USCG Sector Prevention, Marine Safety Detachment





FOR MORE INFORMATION CONTACT YOUR LOCAL DISTRICT STAFF OFFICER-MARINE SAFETY

- ◉ Pacific Area Branch Chief, Vessel Activity: Wil Sumner
- ◉ Atlantic Area East Branch Chief, Vessel Activity: Dave Gruber
- ◉ Atlantic Area West Branch Chief, Vessel Activity: Robert Heinz
- ◉ CGAUX National Prevention Website





PROCESS FOR BECOMING A CFVSE

1. Download the current CFVSE PQS (CGAUX National Prevention Directorate) and complete all prerequisites.
2. Obtain and review all reference material.
3. Contact a CFVSE mentor (Auxiliary or Coast Guard) to arrange dockside exam observations.
4. Take the CFVS Examiners Training (District level).
5. Complete the CFVSE PQS and have a mentor sign-off on all tasks completed.





PROCESS FOR BECOMING A CFVSE (Cont'd)

6. Complete an oral exam with a CG Sector CFVSE Verifying Officer.

7. Submit a Letter of Designation for Approval to the Local Sector Coordinator and COTP.





REFERENCES

- ◉ Commercial Fishing Vessel Requirements Job Aid & BOJAK Insert (District-specific)
- ◉ 33 CFR and 46 CFR 25-28---plus specific sections
- ◉ Examination Form, CG-5587 (09/19)
- ◉ Federal Requirements for Commercial Fishing Vessels
- ◉ Current CG Form 5587





HELPFUL LINKS

Fish Safe West – USCG Commercial Fishing Vessel Industry website:

<http://www.fishsafewest.info>

Commercial Fishing Vessel Checklist Generator:

<http://www.fishsafewest.info/checklist/generator.html>

(copy & paste link into your browser and launch)



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