

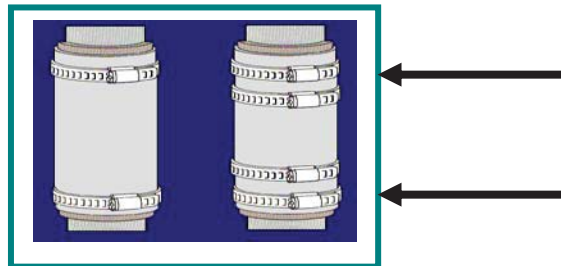
Flooding

Prepare for flooding emergencies:

- The captain or person in charge should demonstrate to all crewmembers where through hull lines and fittings are located, and how to operate valves in the event of unintentional flooding.

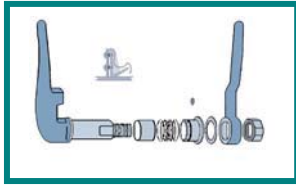


- Mark or label manifold pipes and valves.

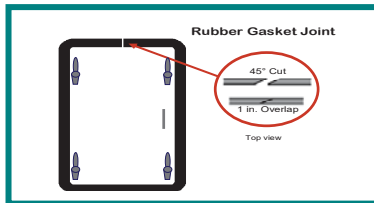


- Install double clamps on rubber hose fittings.

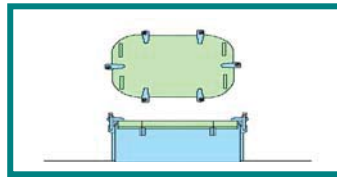
Prepare for Flooding Emergencies



- Keep dogging devices greased and properly adjusted.



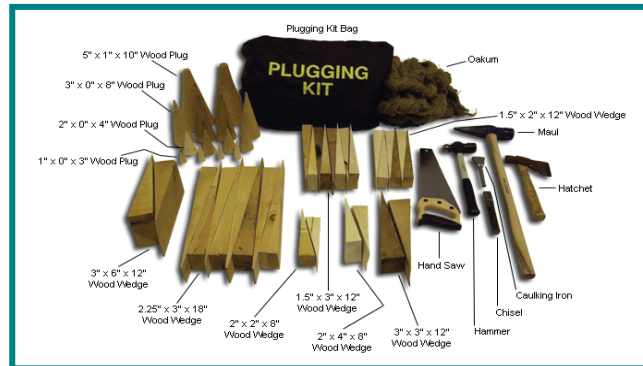
- Replace door gasket material when it becomes hardened or permanently grooved.
- Keep gaskets clean and paint free.



- Inspect watertight hatches to Ice Hold and Lazarette.

Important: Maintain watertight and weathertight integrity by closing watertight doors when operating at sea.

Prepare an Emergency Plugging Kit



Suggested items:

- ♦ Wooden cone plugs (1x4, 2x8, 3 ½ x 8)
- ♦ Wooden Wedges (rough cut)
- ♦ Duct tape
- ♦ Plastic tie-wraps
- ♦ Twine
- ♦ Bailing wire
- ♦ Oakum
- ♦ Screw Driver Set
- ♦ Wrench set
- ♦ Neoprene rubber (1 to 2sq. ft.)
- ♦ Flashlight and batteries
- ♦ Extra rubber hoses and hose clamps



- Keep spare buckets with emergency kit.

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Prepare Emergency Flooding Procedures

- Immediately notify the captain or person-in-charge when flooding occurs.
- Sound the General Alarm.
- Close all watertight doors, hatches and air vents.
- Shut off electricity to the flooded area.
- Investigate the source of flooding by checking all valves, through-hull fittings and the ship's hull.
- Slow flooding rate by using materials such as rags, wooden plugs, wedges, rain gear, etc.
- Activate dewatering pumps to stay ahead of the water flow.
- Use bilge pumps, hand pumps and buckets to dewater the space.
- If conditions worsen, the captain will instruct personnel when to don life jackets or make preparations to abandon ship.
- Send Mayday.

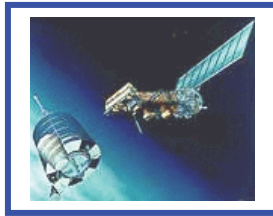


Emergency Position Indicating Radio Beacons EPIRBs



EPIRBs are electronic life saving devices designed to alert rescue authorities and help to indicate your location.

- Only Category I, Class 1, 406 MHz EPIRBs are permitted on commercial fishing vessels.
- Category I EPIRBs deploy automatically.



- Designed to operate with satellites.
- Frequency 406 MHz is designated for distress only.
- EPIRB signal is fixed with your vessel's identity.
- Signal can be detected anywhere in the world. There is no range limitation.
- Signal accuracy from 1-1/4 to 3 miles.
- Beacons work best when floating in water.

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Certified EPIRBS

EPIRBS must be certified by Coast Guard approved independent laboratories before they can be sold in the United States.



COSPAS-SARSAT is an international satellite search and rescue system established by the U.S., Canada, France and Russia to locate emergency radio beacons transmitting on the frequencies 121.5, 243 and 406 MHz.

Testing EPIRBS

- Test every month.
- Check battery expiration date.
- Check for cracks and water tightness. Moisture can activate the beacon.
- Check antenna for tightness and corrosion.

406 EPIRBS can be tested through its self-test function.
Self-test will not generate a distress alert.

Battery Replacement

Batteries must be replaced by the date indicated on the EPIRB label.

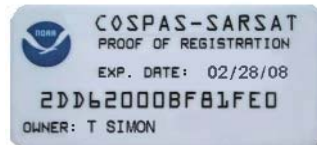
- The battery must be replaced only by a certificated dealer approved by the manufacturer.

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EPIRB Registration

- NOAA-SARSAT EPIRB Registration is mandatory.
- There is no charge for this service.
- A valid decal affixed on the EPIRB is proof of registration.



- Registration is intended to save your life.
- Information will help confirm that a distress situation exists and arranges the appropriate rescue effort.
- Registration begins immediate action on the case.

Important: Unregistered distress alerts may take as much as 2 hours longer to reach the Coast Guard and have needlessly cost the lives of several fishermen.

Register with the **NOAA, SARSAT** Office, FB4, Room 3320, 5200 Auth Road, **Suitland, Maryland** 20746

Or online at:

www.beaconregistration.noaa.gov

It may save your life.

Warning! Activating a beacon for reasons other than to indicate a distress situation can result in a violation.

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EPIRB Installation

- **“Float Free”**- means stowed in a manner so that the EPIRB will float free if the vessel sinks.
- Install your EPIRB so that it will not be caught in overhangs, rigging or fishing nets if the vessel sinks.

Hydrostatic Release Devices



- Hydrostatic Release devices must be replaced by the date indicated on the device (usually every two years).

