

INSTRUCTIONS

1. Discuss the fatality and how it relates to our operations
2. Review LSA Visual Reference Guide
3. Utilize the safeguards as a reference
4. Have an open discussion on the following engagement questions

1 FATALITY

- A barge operator was washed off a barge when the upstream end and side of the barge dipped, and a wave came across the barge.
- A deckhand fell into the water off a barge while coiling ropes in preparation for docking.

4 ENGAGEMENT QUESTIONS

1. Does anyone have a story to share about a marine incident and how it affected you and others?
2. If we identify that a safeguard doesn't apply to our work, what steps should we take next? If a critical safeguard is missing before starting work, how do we address it before proceeding?
3. What do we do if we are uncertain of what a safeguard is?
4. If a safeguard is not in place, who could this affect and how?

2 REVIEW

**LSA Visual Reference Guide
Marine [77]**



3 UTILIZE SAFEGUARDS AS A REFERENCE

- ☐ All workers on the water have received appropriate marine training for the hazards associated with their work.
- ☐ All workers briefed on the weather forecast / sea state / tide conditions / any boat traffic that could impact our work.
- ☐ All workers over or near water are wearing a U.S. Coast Guard / Transport Canada approved personal flotation device (PFD) that is zipped and clipped with water activated light and rescue whistle.
- ☐ The weather is being monitored frequently, severe weather plans have been reviewed by all crew members, and shelter areas designated for refuge.
- ☐ A rescue skiff has been deployed prior to work and equipped with the necessary rescue equipment (shepherd's pole, first aid kit, throw ring, oars, etc.), and life rings are within 100' of workers with at least 90' of rope.
- ☐ The crew understands their responsibilities in an emergency – fire, man overboard (MOB), abandon ship, etc.
- ☐ Ramps, walkways, and gangways are secured, and have handrails installed on both sides.
- ☐ Fall prevention has been installed on unguarded hatches or openings prior to starting the operation.
- ☐ Two-way radio communication has been established and maintained with all parties, including third party vessels.
- ☐ Workers are using the "buddy system" to restrict from working alone; at night; during storms; in restricted visibility; or remote areas or equipment.
- ☐ Fall protection has been implemented for all operations 6' or greater above any surface including water. For any deviation to this requirement a fall protection exception must be developed and approved.