

## Recommended Practice for X-544 Davit launched Rescue Device

### Purpose

This recommended practice is to help assist personnel who will deploy and maintain the BPC X-544 Davit launched overboard rescue device. This recommended practice addresses the minimum requirements promulgated by regulation, industry and refined for the use of these units. Each offshore employer is encouraged to follow these recommendations and to proactively modify them for the particular application of the respective operating vessel.

### Scope

This recommended practice is intended to help to explain the use, maintenance and storage of the X-544. The elements of this recommendation should be applied as appropriate with due consideration made for any additional special hazards identified by the employer as a result of a JHA (Job hazard analysis). When the X-544 is being deployed, many times this will constitute an emergency situation; therefore the JSA should be developed and reviewed as regular part of man overboard training prior to any live incident.

### Case for Action

In the case where it becomes necessary to deploy the X-544 rescue device; this davit launched device might include (or not include) a rescue swimmer going over the side with the device. Retrieving a person overboard or putting a support/rescue person over the side can be difficult due to the distances from the rail to the water. The X-544 simplifies this procedure by being used in concert with the ship's davit system. It also allows for

providing for a method to lift a person or multiple people using the ships on board davit and the X-544, taking much of the difficulty away such as having to pull them or have them climb onto the vessel. Additionally, when a man overboard emergency has occurred, the X-544 will allow the victim to get swim inside the netted area (or be assisted inside) of the X-544 and be davit lifted back on board to safety.



This system is very similar to our Helicopter Rescue Nets that are used by multiple government agencies worldwide. The X-544 is much larger but the concepts are very similar.

The X-544 should be attached to the ship's davit and lowered to the water. The X-544 will go below the water up to the floatation making it much easier to the victim to either swim or be pulled into the device by the rescue swimmer.

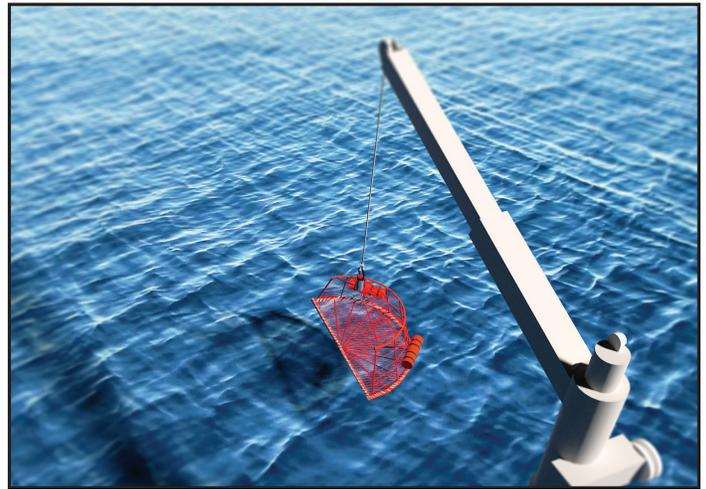
A hurt, unconscious or weak victim will be much easier to get inside the X-544 with this feature. Once inside and as the X-544 is raised, the victim will naturally move to the back of the device making it much less likely for them to fall out. This is accomplished because the back of the X-544 is lower than the front when lifted. Gravity will help to move the victim safely to the rear of the device.

## Safety System Elements

The following items are considered to be key elements of a safety system for management of davit launched X-544 rescue devices.

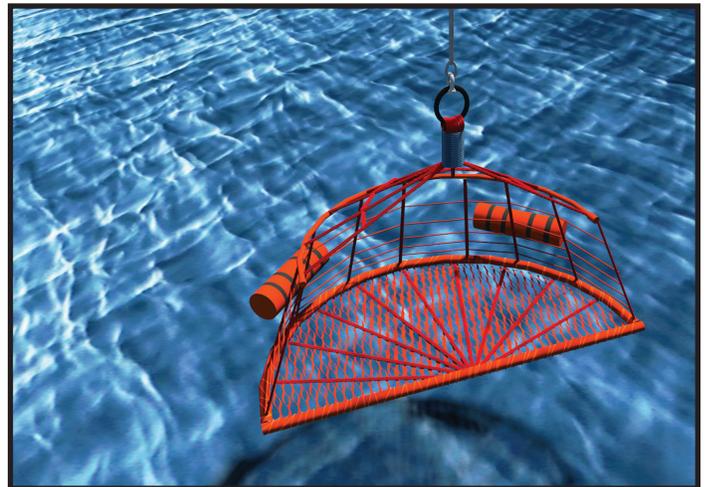
### Element 1: Minimum Requirements

- Make sure that the deck hands responsible for the rigging and deployment of the X-544 have been trained and drilled in its operation.
- Have personnel familiar with inspection of the X-544.
- Have a man overboard procedure in place and have the crew familiar and practiced on its use.
- Keep the X-544 stored in an enclosed area away from sunlight and weather conditions  
Check for any damage on all parts of the unit



### Inspection procedures:

- Visually inspect the metal lifting ring at the top of the X-544. Look for damage, elongation or excessive wear. If any of these problems exist, take the unit out of service immediately
- Visually inspect all the load bearing areas of the X-544 for excessive wear or damage, paying close attention to the rigging lines.
- Visually inspect the bottom and top aluminum frame for damage or excessive wear.
- Visually inspect the rope looking for broken fibers, loose ropes and excessive wear or damage.
- Check the floatation and covers for damage



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