

# Rescue Boat **SEA SCOOPA**

International Patent



Vital equipment for scooping  
and lifting a Man Overboard  
onto rescue vessels

## Rescue Challenges

In a man overboard (MOB) situation, it can be difficult for rescue organisations to balance their OH&S obligations to rescuers and their duty of care to the MOB. Challenges may include:

- The need to rapidly bring aboard MOBs in a horizontal posture to prevent circulatory collapse
- The safe lifting of MOBs who can be heavy to lift particularly if they are unconscious or uncooperative
- Requiring personnel with superior upper body strength to lift the MOB which may be difficult for some female crew
- The awkward extension or bending of the body to capture and lift MOBs on board which exposes rescue crew to the risk of back injury
- The safety risk to rescuers who are required to enter the water to assist retrieval of an MOB, especially in turbulent waters or low light conditions

**Sea Scoopa successfully addresses all these issues.**

## How Sea Scoopa Works

*A new approach to an old problem*

The Sea Scoopa in its integral bag is attached to the same side of the boat as the steering station so the victim can be continuously sighted during the rescue.

The net is brightly coloured and reflective for enhanced visibility in turbulent water and low light conditions. The rigid outer batten has floats and handgrips for lifting. The crew hold this batten away from the vessel with two poles attached to its fore and aft ends to create a scoop.

The scoop configuration is created by the forward edge of the net being weighed down while the trailing edge is held at the surface by a taut rope in the aft pocket. The scoop is held at right angles to the boat by a foreguy running from the bow of the boat to the forward end of the outer batten.

The man overboard (MOB) is scooped into the net while the boat is in motion, preferably head first, at a speed of 1 knot to ensure steerage.

Once scooped and netted, the MOB is brought on board using a rolling and lifting motion (parbuckling) by two crew members, first using the handgrips on the outer floating batten and then the six sets incorporated in the body of the net.

The MOB is received into the integrated, lightweight stretcher once he or she is raised over the gunwale. The outer pole of the stretcher is supported during this process by clipping onto the rescuers' life jacket D-ring.

The inner side of the stretcher is then detached from Sea Scoopa's net by releasing two snap shackles and the MOB is lowered to the cockpit floor or transferred elsewhere after being securely buckled to the stretcher.



*Attached*



*Deployed*



*Scooping*

*Sea Scoopa's patented design can re*

# The Sea Scoopa Advantage

*Safer for your crew and the MOB*

There are a number of devices available for MOB rescue. None combine all the advantages that the international patented Sea Scoopa offers.

## Operational & Crew Advantages

- Scoops the MOB out of the water while the boat is in motion and has steerage. Unlike a cradle, lifting net or rescue frame, Sea Scoopa's unique patented scoop net prevents the MOB being swept out the aft end
- Sea Scoopa's design and 2:1 mechanical advantage of the rolling lift/parbuckle improves lifting techniques and reduces the risk of back injury
- There is no need for a rescuer to enter the water during the retrieval process
- Sea Scoopa only requires two crew for the entire retrieval operation
- With its integrated bag, Sea Scoopa attaches simply to the majority of commonly available rescue vessels
- The MOB can be 'stretchered' immediately during the rescue process, improving efficiency and further handling

## Advantages for the MOB

- Lifted in a horizontal position thus reducing the risk of circumrescue or circulatory collapse
- No large apertures which can lead to limb entrapment and potential risk of drowning
- No non-cushioned, rigid components that can inflict injury
- Sea Scoopa's net encloses and conforms to the whole body and minimises the risk of the MOB falling out during lifting



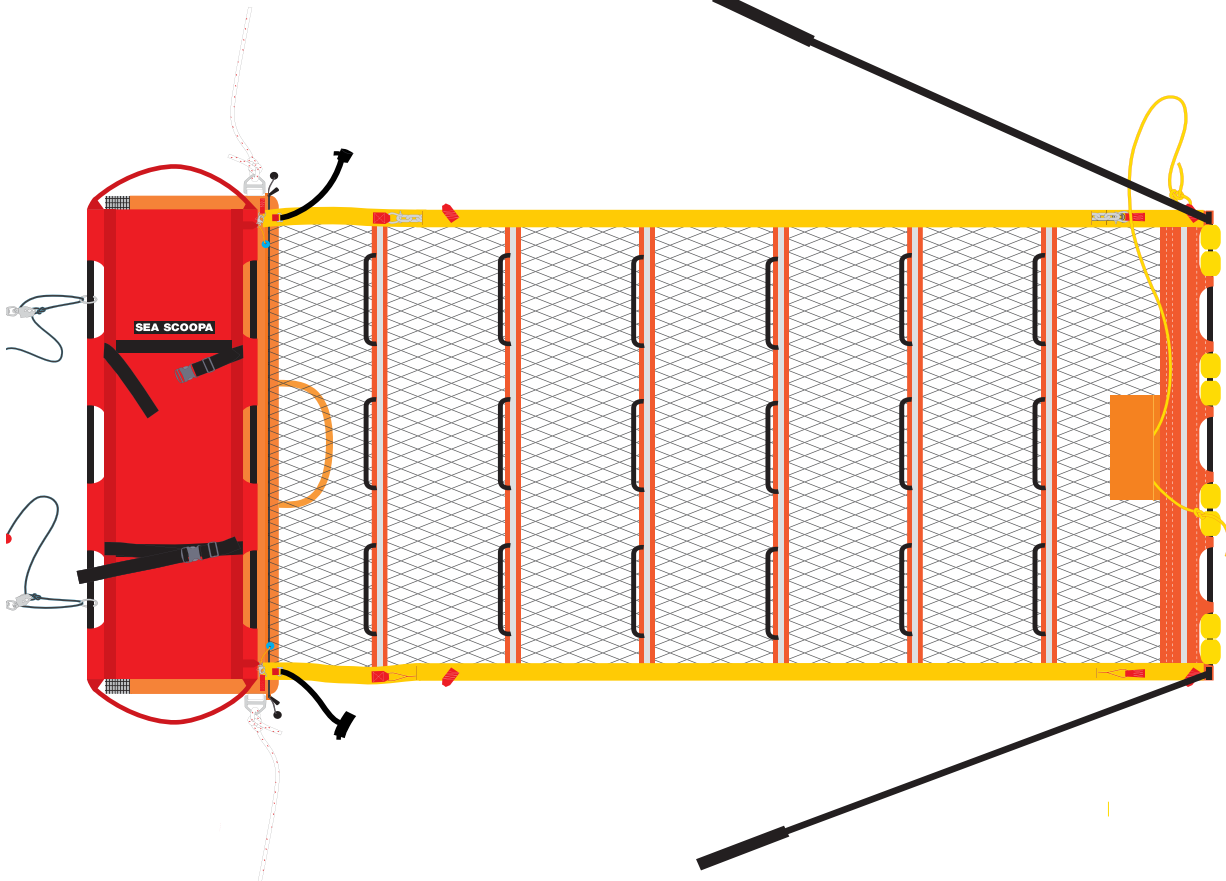
*Lifting (Parbuckling)*

*Stretchered*

*Reduce the incidence of back injuries*

# Rescue Boat **SEA SCOOPA** *An investment in survival*

The full Sea Scoopa range now provides an optimal rescue solution for all boating groups - powerboats, rescue inflatables and yachts.



## Specifications

Product Code	VKIT SEA SCOOP 3.3	VKIT SEA SCOOP 4.3
Packed Dimensions	2050mm (W) x 525mm (H)	2050mm (W) x 525mm (H)
Net Dimensions	1830mm (W) x 3440mm (L)	1830mm (W) x 4440mm (L)
Stretcher Dimensions	570mm (W) x 1835mm (L)	570mm (W) x 1835mm (L)
Weight	±17kg	±20kg
Rated Load Limit	300kg	300kg

*Ferno and manufacturers of components reserve the right to change specifications without notice.*



**SOS MARINE**

Office: 23a Rochester Street, Botany NSW 2019

T: +61 2 9700 0233 E: [sales@sosmarine.com.au](mailto:sales@sosmarine.com.au) F: +61 2 9700 0277

[www.sosmarine.com](http://www.sosmarine.com)