

MARKUS[®] LIFENET

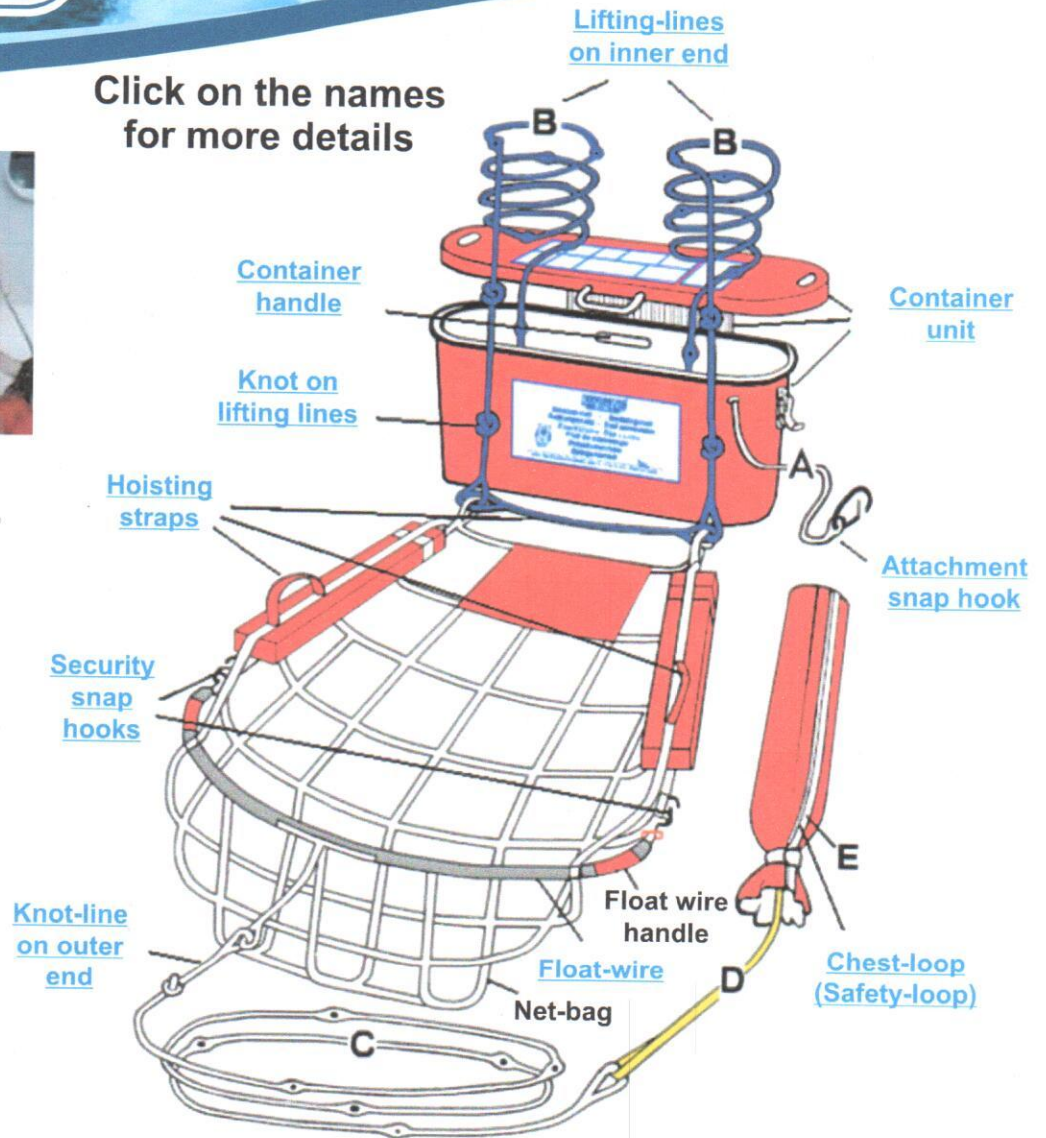
MAN OVERBOARD RECOVERY SYSTEMS



Mobile container

Dimensions 28" x 20" x 8.5"
Weight 8.8 lbs

Click on the names
for more details



Specification

	MS.00	MS.10	MS.20	MS.30	MS.40
A. Attachment Line.....	Variable	14m	14m	14m	14m
B. Two Lifting Lines, Each.....	0m	10m	20m	30m	40m
C. Lifting Line with Knots at Rear End.....	0m	5m	5m	5m	5m
D. Throw-Line with Safety Loop.....	25m	25m	25m	25m	25m
E. Safety-Loop for In-Water Rescuer Max.....	0,07m	0,7m	0,7m	0,7m	0,7m
Length of Net Structure.....	1,8m	1,8m	1,8m	1,8m	1,8m
Buoyancy.....	10kg	10kg	10kg	10kg	10kg
Strength.....	500kg	500kg	500kg	500kg	500kg
Weight of Net Structure with Floats.....	2kg	2kg	2kg	2kg	2kg
Total Weight of Unit in Transport.....	10kg	12,5kg	14,5kg	16kg	18kg

Container Size in cm: L70 x W21 x H50 – in Cubic m 0,075 m³

Marine Rescue Technologies

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MarkusNET Models & Specifications

Order Code	Product Name	Lift Lines	Container	Net Weight
1 150 000	MS.00	3M or 10 Feet	Canvas Bag	4kg or 8.8 Pounds
1 200 000	MS.02 SOLAS*	2M or 6.5 Feet	65cm x 40cm x 14cm*	4kg or 8.8 Pounds
1 151 000	MS.10 SOLAS*	10M or 32.8 Feet	70cm x 50cm x 20cm*	4kg or 8.8 Pounds
1 152 000	MS.20 SOLAS*	20M or 65.6 Feet	70cm x 50cm x 20cm*	4kg or 8.8 Pounds
1 153 000	MS.30 SOLAS*	30M or 98.4 Feet	70cm x 50cm x 20cm*	4kg or 8.8 Pounds
1 154 000	MS.40 SOLAS*	40M or 131.2 Feet	70cm x 50cm x 20cm*	4kg or 8.8 Pounds

*Lloyds Register Approved

Lloyd's Register / SOLAS*

Type approval certificate no.: SAS S050131

Icelandic type approval journal no. 06.11.09.01

Comments from Health and Safety Operations

We have evaluated popular Scramble nets or rescue Cradles. The Scramble net is approved for boarding or de-boarding, and especially suited for mass evacuations, but was never originally designed as a true MOB recovery system. The conventional rescue nets are heavy, take a great deal of stowage room, and are not easily transportable. Most importantly, in a MOB recovery with a scramble net the vessel must maneuver within a meter or 3.3 feet to reach and lift.

The MarkusNet provides flexibility to the crew and introduces to the swimmer for an in water rescue a safe secure method of reaching the MOB and providing a safe return for both.

For a shipping company or fleet, the MarkusNet offers standardization. One solution fits all, basically the only difference is the length of the lift lines (which as a minimum must be at least cover the distance between the waterline and rescue platform or freeboard)

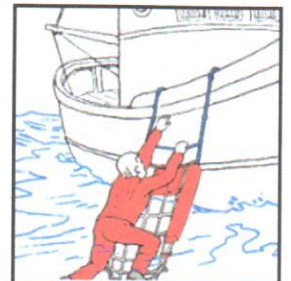
The Markus MOB recovery system is light weight and extremely flexible for almost any situation in any weather condition.

Compared to other systems such as scramble net or cradles, the MarkusNet can be up to 50% less in cost depending on competitive models.

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The MarkusNET is soft and comfortable versus a roll up lift, which is 10 meters of Freeboard by a rigid heavy scramble net.

Knots on lifting lines.

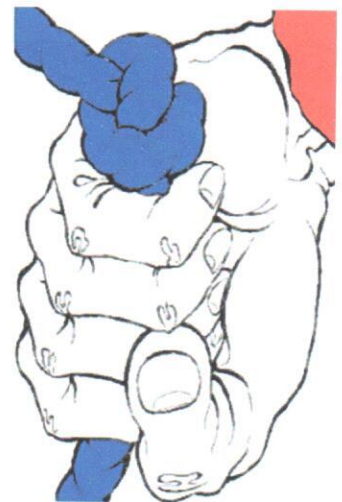
Knots at 50 cm intervals on lifting-lines, enable manual lifting of casualty, who may weight up to 120 kg.

Two knot lines enable up to 4 people to take part in lifting the casualty at a time in standing, sitting positions.

Single handed rescuer can split the weight if he/she is able to fasten each line and hoist gradually one line at a time one metre and fasten it..

When you lift under the knots, you use your energy 100% to lift in stead of squeezing the rope.

Average person is around 80 to 110 kg when lifted from sea. It is realistic for one person in such situation to lift manually 50 to 60 kg.



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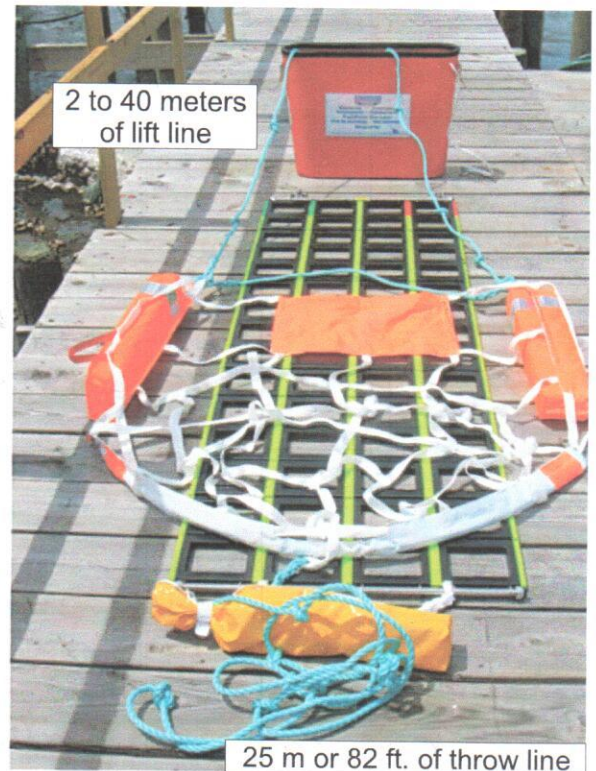


MAN OVERBOARD RECOVERY SYSTEMS

MarkusNet MS Series Recovery System

The MarkusNet is a multi-functional recovery system which provides a host of options for the rescue of a man over board (MOB). MarkusNet is manufactured for all types and sizes of deck boats, ships, piers, dams, canal walls and offshore platforms. The MarkusNet system is uniquely designed and has the following advantages over a standard cradle or scramble net:

- The MarkusNet recovery system provides a host of options for the rescue of a man over board (MOB), including rescue from the deck, or in-water and assisted rescue with trained personnel.
- The MarkusNet can be deployed by a single deck crew to lift a MOB onboard either manually with a helping deck hand, or using a mechanical hoisting system (short boom and winch).
- The MarkusNet unit can be used to rescue a MOB in standing, sitting, or horizontal position, either manually and hoist-assisted.
- The MarkusNet can be used as an emergency ladder on deck boats with a low freeboard.
- The MarkusNet is complete with a weighted throw line (25 meters) and lift lines (up to 40 meters) in order to safely respond to an in-water rescue operation. Once the MOB is secure in the MarkusNet, the MOB transfer to an FRC, SOLAS vessel or SAR airlift is easily accomplished.
- The MarkusNet has proven successful in recovering people from life rafts or small boats unto a larger vessel. This is true in any weather and wave conditions in which crew can continue to operate on deck.



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