

MarkusNet MS Series lifts one person at a time manually or by mechanical hoisting device. It is manufactured in 4 standard Lloyds Register EMEA-type approved versions for use on ships and offshore installations. The MarkusNet MS Series meets the requirements in SOLAS Reg. III/17-1 for recovery of persons from water and small boats.

MS.05 for Marine Safety and survival training centers and vessels with up to 5 m lifting height,
MS.10 for vessels with up to 10 m lifting height,
MS.20 for vessels with up to 20 m lifting height,
MS.30 for vessels with up to 30 m lifting height.

The MS.05, MS.10, MS.20, and MS.30 have lifting lines of equal length on the inner and outer ends of the net structure.

Specifications of MS LR type approved versions:

MS.05 MS.10 MS.20 MS.30

Attachment line	14 m	14 m	14 m	14 m
Two lifting lines, each	5 m	10 m	20 m	30 m
Lifting line with knots at rear end	5 m	10 m	20 m	30 m
Throw-line with chest loop	25 m	25 m	25 m	25 m
Total length of each unit	50 m	60 m	80 m	100 m
Total weight of unit in transport	11 kg	13 kg	15 kg	17 kg

Specification valid for all MS versions:

Weight of net structure	2.5 kg
Length of net structure	1.8 m
Width of net structure	1.5 m
Load tested for over 500 kg	to secure lifting one person at a time
Float tested to carry more than 10 kg	to float one person and form the net structure in water
Chest loop maximum circumference	1.4 m
Tensile strength of lifting arrangements	over 500 kg

Container Size: All models include Rigid PE Container sized (cm) L70 x W21 x H 50 - 0.078 cubic meters.

Compliance Measures:

- Icelandic type approval journal no. 09.09.2019
- LR EMEA type approval certificate no. SAS S160032
- Meets the requirements in SOLAS Reg. III/17-1 for recovery of persons from water and small boats.

Definitions:

- Lifting Height: Distance from water to top of rail of gunwale at the rescue deck
- Lifting arrangements: All lifting lines, hoisting straps, and their link point to the net structure

List of documents enclosed with each unit:

- Technical sheet applicable with spare part and accessory list
- Certificate of manufacture
- Certificate of conformity
- IS type approval certificate journal no. 06.11.14
- Lloyd's Register ISO19898:2019 type approval certificate no. LR21459800SS
- Inspection guidelines
- Instruction posters for basic use and recovery from life raft or lifeboat in hazardous situations at sea.
- MarkusNet MS Series PIW (person in water) safety and rescue manual.
- MarkusNet reference and testing reports.

Available Accessory:

- Location sign for safety map and storage place of Markus MS series.

