

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.

<u>Specifications of MS LR type approved versions:</u>	<u>MS.05</u>	<u>MS.10</u>	<u>MS.20</u>	<u>MS.30</u>
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.

