

# PRESS RELEASE

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## **MARSS MOBtronic Man-Overboard Solution Wins Safety at Sea Award**

**MARSS are delighted to announce that MOBtronic™ has won the Best Safety Product of the Year at the Safety at Sea Awards 2018**

Held at Le Meridien Piccadilly Hotel, Mayfair London, the Safety at Sea Awards recognise companies that improve seafarer competence and risk management with innovations and achievements in the fields of training, operations, equipment and services.

MARSS won the Best Safety Product of the Year (Hardware and Software Package) with their MOBtronic automated Man Overboard Detection and Rescue Support System. The award category includes new safety products that demonstrate an innovative and original development that has the potential to improve safety on board and/or onshore.

Developed by MARSS, MOBtronic is a multi-sensor system that monitors a vessel sides ensuring falling objects are automatically detected, tracked and classified to alert crew and support rescue and recovery efforts.

The system consists of small marinised sensor station pods that are strategically positioned around a vessel or platform. Each MOBtronic pod features a patented configuration of sensors that reliably notify crew when a man-overboard event occurs.

Using a combination of sensor data and MARSS proprietary software, MOBtronic differentiates a genuine event from false positive detections caused by birds, breaking waves and other objects. MOBtronic does not require wearable tags, which could be removed either intentionally or unintentionally. Alerts, video playback and camera feeds are displayed on the intuitive MOBtronic user interface aiding crew to analyse an incident and manage search and rescue operations.

MOBtronic evolved from a European Union research program. With over 7,000 test jumps, and extensive sea trials in diverse marine environments over the last 5 years, the system complies with the current recommendations of the ISO PAS draft with a proven probability of detection in excess of 95 and false alarm rates of less than 0.3 a day.

Immediate notification of man-overboard events is a critical component to ensure a timely rescue and to minimise resources required to identify, track and recover the target from the water, thus maximising the chances of survival. MOBtronic is an innovative solution that integrates with the ships systems to plot the event point and estimated track of the target. MOBtronic is installed and operational on cruise ships and large private yachts. MARSS have won a contract for the installation of MOBtronic onboard the latest Royal New Zealand Navy fleet auxiliary vessel for operation in the Southern Ocean.

The award was accepted by Rob Balloch, Senior VP Sales at MARSS who said, *“It is a great honour for MARSS to be recognised in this way. We have worked hard to ensure that MOBtronic is the very best product it can be, because lives are at stake and we take that responsibility very seriously. So, to be awarded the Safety at Sea, Best Safety Product of the Year over such tough competition in this group is simply wonderful for us, and a testimony to the dedication and ingenuity of our team and all the other organisations that have contributed to the success of bringing this important product from the drawing board to saving lives at sea.”*

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## Editor’s Notes

MARSS Group develops innovative marine and land-based solutions for asset protection and saving life using integrated sensor surveillance and proprietary software. MARSS systems combine a multi-sensor approach with integration software, open-source intelligence and artificial intelligence to deliver real time analysis and increased situational awareness.

MARSS technology leadership is founded on over 10 years of research and development collaboration with the European Union, defence agencies, NATO, academia and industry.

MARSS products include NiDAR, RADiRguard and MOBtronic.

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