

customer profile



M&O GLOBAL OFFSHORE MARINE SAFETY TRAINING

M&O Global is a recognised world leader of maritime, offshore, aviation and industrial safety training, specializing primarily in the provision of custom designed safety and emergency response training programs for the oil and gas industry worldwide.

Formed in 1997, M&O has over the years provided training to more than 100,000 individuals, both on-site and at the network of M&O training centres, located on 6 continents. The company's clients include many of the world's foremost oil and gas explorers, producers and service companies.

BESPOKE SAFETY TRAINING

M&O safety training courses are specifically designed for personnel working on offshore oil and gas facilities and those in emergency response roles as well as for providing general safety skills for workers in the industry. All courses are conducted by experienced mariners, offshore safety personnel, professional fire officers and qualified trainers.

"The training regulations of the International Maritime Organization (IMO) have forever changed the way that shipping companies and companies supplying services offshore operate." comments Rick Parish, CEO M&O Global.

"The V100 offers the best chances of being found, and found alive, in a man overboard situation."

"With the introduction of new Standards for Training, Certification and Watchkeeping for Seafarers, all shipping companies must ensure that their crew meet a prescribed level of accredited safety training. M&O have built a large business based around this training need, customising courses to suit customers' specific requirements."

The safety and physical security of personnel in the offshore oil and gas industry has always been a challenge, the working environment itself being a key factor.

"Helicopter transfers, vessel transport to and from platforms or work vessels and support craft, working at height or over the side of a rig all pose specific, serious risks to employees." continues Parish. "Add in poor weather conditions, sea survival situations and abandonment and lives are at serious risk without the proper training of how to react and survive in the event of an emergency."

VALUABLE OH&S SOLUTION

M&O has always actively sought out new technologies and products that can be applied to their core oil and gas safety training business and they quickly saw the potential of the Crewsafe V100.

"Our Maritime/Offshore and Aviation/Helicopter courses have been adapted to include training on the features and use of the V100 as a personal maritime survivor locating device because in our opinion, it offers the best chances of being found, and found alive, in a man overboard or abandonment situation." concludes Parish.

[more >](#)

M&O Global, a member of the Wood Group, is a training specialist with a focus on safety, security and competency-based instruction for the global resources industry.

CUSTOMER

M&O Global

LOCATION

Multiple training centres worldwide

CUSTOMER ISSUE

To identify and utilise advanced technologies to provide world-leading, quality safety training that meet and exceed clients' demands.

SOLUTION

M&O recognised the huge safety potential that the Crewsafe V100 offers in emergency notification and tracking of a person in the water.

PRODUCT

Crewsafe V100 VHF DSC Locator Beacon

FURTHER INFORMATION

Call: +61 (0)8 9315 3511

Email: crewsafe@mobilarm.com

AUTO MOB ALERT & TRACKING

In a man overboard incident, reaction time is critical since a casualty's chances of survival are directly linked to the length of time spent in the water. Hypothermia can begin after as little as 20 minutes in cold waters and survival after a few hours, even when wearing a lifejacket, is slim.

The **Crewsafe V100**, a VHF DSC locator beacon is the first fully automated Maritime Survivor Locating Device that utilises the existing VHF marine radio infrastructure to transmit a "Mayday – Man Overboard" distress message and real-time coordinates of the person in the water.

Within seconds of the person entering the water, the emergency message is automatically broadcast via the VHF radio band to all vessels in range.

This localised Mayday provides much earlier warning than conventional Personal Locator Beacons that a man overboard incident has occurred. By directly alerting the people in the best position to carry out a rescue – the crew on board the closest vessel – a rescue team can be deployed almost immediately and the chances that the man overboard casualty will be quickly located and recovered are vastly improved.

When the V100 detects the wearer has gone overboard, it automatically transmits the initial man overboard MAYDAY alert as a VHF DSC distress message on channel 70. The device searches for its GPS position and once it acquires a lock, typically in 45-60 seconds, it will transmit the message again via DSC, complete with the current latitude and longitude coordinates of the person in the water. It then broadcasts the message in a synthesised voice on channel 16, the marine radio emergency channel.

The DSC and voice message is repeated at regular intervals, meaning that the man overboard casualty's first known position is marked, frequently updated and tracked as they drift to provide rescuers with valuable information about where to perform the search.

Messages will continue until the device is deactivated. The V100 battery will support transmission for a minimum of 12 hours at -10°C (14°F) and longer in warmer conditions.

About Mobilarm

Headquartered in Perth, Western Australia, Mobilarm Limited is a world leader in electronic marine safety products that protect and save lives in man overboard emergencies. Mobilarm designs and manufactures a range of marine safety alarm systems that provide automatic and immediate alerts including GPS tracking data, to crew, vessel and SAR assets in man overboard emergencies or other events where casualties need to be rescued from open water.

The Crewsafe V100 is the first fully automated personal locator beacon to transmit a 'man overboard' distress alert and real time coordinates of the person in the water via VHF radio and DSC to all vessels or receivers in range.

Available direct, online and through a global network of resellers, Mobilarm's award-winning products are specifically designed to improve safety for all seafarers.

The company's Australian and International awards include two Australian Design Awards, the Western Australia Worksafe Award and the Seatrade Safety at Sea Award and Seatrade Asia Safety award.

customer profile

M&O GLOBAL - MARITIME AND OFFSHORE SAFETY TRAINING SPECIALISTS



“We very quickly saw the potential of the Crewsafe V100 for our oil and gas safety training business.”

Rick Parish ^
CEO of M&O Global