



# FIRST EVER MOBILARM CREWSAFE INSTALLATION FOR FLAGSHIP AUSTRALIAN POLICE VESSEL

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FOR GENERAL RELEASE

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Marine safety specialist Mobilarm is pleased to announce that the first vessel in the world to benefit from its unique, sophisticated Crewsafe wireless safety network is in fact the largest police vessel in Australia and the Southern hemisphere. Commissioned in June 2008, *Nemesis*, the \$11 million, 32 metre aluminium hull offshore patrol vessel was built by Tenix, now BAE systems, and will be used by New South Wales Police Marine Area Command to counter marine criminal activity such as drug running or illegal fishing. The Crewsafe network, which is primarily designed to help save lives in a man overboard (MOB) event was installed aboard *Nemesis* in February 2009

As the newest addition to the New South Wales Police Marine Area Command fleet, *Nemesis* has been fitted with the highest degree of safety equipment, in order to lead by example. Although man overboard safety systems aren't yet mandatory equipment for offshore vessels, NSW Marine Area Command considered it an essential safety feature and specified a man overboard system as part of the build tender right from the start.

"Safety of everyone on board is high up on the list of priorities – the sea is an unpredictable and unforgiving working environment. Even with the excellent training that our officers undertake, the potential for a serious incident always exists and we must do all that we can to prevent such incidents from occurring. New South Wales Marine Area Command takes this responsibility very seriously and strives to do all that we can to mitigate the risks that our

officers face on every voyage,” comments Marine Area Commander, Superintendent Mark Hutchings.

Mobilarm Crewsafe is a wireless safety network that provides a new level of marine employee safety and security through crew location monitoring and by automatically initiating a network-wide alert to all personnel within seconds of an incident occurring, such as man overboard. It enables marine employers to remove significant identified risks from the work place and reduce the likelihood of related fatalities. It is an active crew monitoring and reporting system that immediately detects emergency events such as man overboard (MOB), providing a GPS waypoint, range and bearing in order to facilitate a quick, effective rescue of the person in the water. Additional features of the system include covert and overt alarm capability, paging of groups or individuals, location monitoring, individual duress alarm and manual alarm activation.

All crew aboard *Nemesis* wear a lightweight transceiver – a Tag – which communicates wirelessly with a management console located on the bridge via a series of sensor routers installed in key areas of the vessel, such as the ship’s office, crew quarters, mast head, engine room and on the main deck. If communication with any Tag is lost, which occurs if it is submerged in water (as would happen in a man overboard incident) the system automatically logs a waypoint and quickly raises the alarm. With audible and visual alerts throughout the vessel, and displayed on every Tag, the incident cannot go unnoticed and crew can immediately be deployed to recover the person from the water. There are ten crew aboard *Nemesis* but Crewsafe can be scaled up for much larger vessels with over twice the number of crew using the Windows®-based Crewsafe Management System (CMS), which runs on a dedicated Mobilarm touch-screen tablet..

“Having evaluated the options available, the Mobilarm Crewsafe system was the obvious choice,” says a Tenix Systems spokesman. “It answered all the requirements of being fully automated, easy to use and guaranteed to raise an alarm if any of the crew were to go overboard. The fact that it also logs a waypoint on the vessel’s plotter is an added advantage, because when the craft is travelling at speed, it can be at quite a distance from

the incident point before being able to turn around. With that waypoint data to track back to, the helmsman knows exactly what heading to take.”

For more information about Mobilarm Crewsafe, visit [www.mobilarm.com](http://www.mobilarm.com)

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**Notes for editors:**

Based in Perth, Australia, Mobilarm is the world leader in electronic marine safety products that protect and save lives in man overboard emergencies for commercial mariners. Available online and through a global network of dealers and distributors, Mobilarm's award-winning products are specifically designed to improve the workplace safety environment for all mariners, by providing an instant alert to vessel and crew in the event of man overboard.

The company's Australian and International awards include the Australian Design Award and the winner of the Seatrade Safety at Sea Award, the first such award given to an Australian company.