EM Solutions - SOTM Satisfaction with a Plethora of Orders

Following recent successful deployments of both their Taipan land mobile and Cobra maritime terminals, EM Solutions (http://www.emsolutions.com.au) has recently received orders totaling more than $6 million from government and defence customers in Europe, North America, Asia and Australia for the Company’s SATCOM-On-The-Move (SOTM) solutions.

EM Solutions Cobra 1m X/Ka TriBand Maritime Terminal.

Building on a successful 18 months since the first terminals were commercially released, these recent orders demonstrate the market acceptance of the unique value proposition EM Solutions is offering, with products that can access multiple satellites across multiple frequency bands, helping their customers maximize network availability under the most severe operating conditions whether on land or sea.

A further development that has resulted from these recent successes is the release in October of a new, roll-on roll-off, 65 cm terminal which will be available in X-, Ku- and Ka-bands and will support deployment on any land, amphibious or maritime platform.

John Logan, Product Manager for EM Solutions Terminals said that the Taipan and Cobra products continue to be proven across a broad range of applications. All EM Solutions’ terminals use closed loop beacon tracking with a monopulse feed to accurately track satellites. The pointing error is measured at the antenna itself so the terminal will
keep pointing at the satellite irrespective of any eccentricity caused by the movement of the platform in any direction. Other parabolic terminals use step-track techniques which need to continually adjust the antenna to peak up on the tracking signals. EM Solutions' terminals provide more robust pointing which results in better efficiency of the system in terms of communications uptime, RF performance, and wear and tear on the moving elements.

EM Solutions Global Sales Director, Gary Shmith commented that the firm's Engineering and Manufacturing teams are kept extremely busy with numerous opportunities being presented for different market applications where the capabilities of our terminals are delivering real value. EM Solutions on-the-move terminals track satellites more robustly than others and we cover multiple frequency bands — customers see this as providing a high level of assured communication from all types of untethered platforms to support mission critical requirements.

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