MEDIA RELEASE

CEA SOLID STATE CWI TRANSMITTER PERFORMS FAULTLESSLY IN SUCCESSFUL ESSM FIRING BY THE RAN

The CEA Technologies Solid State Continuous Wave Illuminator (SSCWI) transmitter was used by the Royal Australian Navy (RAN) in the successful firing of an Evolved Sea Sparrow Missile (ESSM) on 21 January 2003 off the coast of Western Australia.

It was only the second firing of the ESSM from a warship, and the first outside the United States.

The SSCWI transmitter is integrated with the SAAB 9LV453 Command and Control, Fire Control and target surveillance system with the output directed at the target using the SAAB 9LV antenna director.

The ESSM is a next generation ship self-defence weapon that provides increased protection against the latest anti-ship missiles.

The SSCWI is a functional replacement for the Mk73 CWI Transmitter and has a modern interface that allows the transmitter to be controlled via the combat system. The use of solid state transmitter technology results in improved maintainability and reliability.

CEA is currently under contract to deliver six SSCWI transmitters to the Commonwealth for installation by TENIX into the ANZAC Frigates. These deliveries commenced in September 1999 and have included spares, ILS documentation and a System Simulator delivered to the Adelaide Test Site.

In December 2002, the RAN awarded CEA a contract for a further three transmitters at a value of AU$12 million dollars including spares and support.

According to CEA's Managing Director, Mr Peter Croser, "This successful accomplishment has conclusively proven the world class design and manufacturing capabilities of Australian Industry, the professionalism of the Royal Australian Navy and the strategic relationship between Australian Industry and Defence."

"CEA Technologies places a high emphasis on innovative design and engineering excellence and this accomplishment validates the hard work of management and staff." Mr Croser said.

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CEA Technologies specialise in the design, development and manufacture of advanced radar and communications solutions and is a leading supplier of scalable active phased array radar for surveillance and missile fire control applications, maritime integrated communications systems and harbour and coastal surveillance systems.