MEDIA RELEASE

CEA TECHNOLOGIES RELEASES SMALL SHIPS INTEGRATED SURVEILLANCE SYSTEM

In response to an increasing number of requirements for patrol and corvette sized vessels in the Middle East, Europe and Asia Pacific regions, CEA has released its Small Ships Integrated Surveillance System (SSISS) during Pacific 2002 in Sydney, Australia.

The SSISS is designed for small vessels where space, power, weight, manning and cost are critical factors, but which requires a highly capable surveillance system. Based on CEA's proven data-fusion and display products, the SSISS is optimised for the surveillance, pursuit and apprehension phases of policing activities and to support the prosecution phase by automated evidence collection.

The SSISS has a flexible configuration that can include one or more radars, electro-optic systems (CCTV, TIS/VIS), Automated Identification System (AIS), radio direction-finding and remote systems. If required the SSISS can be interfaced to a tactical data-link or communications system to improve the operator's situational awareness or provide remote display of tracks.

The SSISS has the option for CEA's unique Ships Classification Software. Proven to achieve a high accuracy within the first minute of contact, the Ships Classification Software identifies radar contacts by vessel type. This allows the operator to rapidly assess the relative priority of different contacts, even when beyond visual range, and make decisions based on a knowledge of the types of contact under surveillance.

VADM Don Chalmers, (Chairman of CEA), commented: "CEA has a wealth of operational experience within the company, and this is reflected in the SSISS. The SSISS is based on proven and highly reliable signal processing sub-systems integrated to provide an intuitive graphical user interface to maximise performance and minimise training overheads. The data-fusion technology fuses the tracks from the different integrated sensors to improve the probability of detection and continuity of tracking of any contacts within the area under surveillance, while the Ships Classification Software provides an unprecedented level of operator awareness of traffic within the area under surveillance.

The system is designed and priced to maximise the performance and value for money of patrol and corvette sized vessels undertaking surveillance and national protection activities."

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