



CEA Technologies Media Release

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CEA HIGH POWER RADAR DEVELOPMENT ADVANCES

CEA Technologies signed a \$21 million contract awarded by the Australian Department of Defence to progress Stage 2 of the phased array program, AUSPAR, on 23 December 2005.

The AUSPAR program is an international collaborative high technology project established between the US and Australian Departments of Defence to develop high powered active phased array radar technology for the next generation of 3D multi-purpose phased array radars.

The AUSPAR program is designed to develop CEA's existing CEAFAR radar technology to achieve high power transmission capability.

CEA Technologies Chief Executive Officer Mike Aitchison said, "The advantages of AUSPAR technology over existing active phased array radars is that it provides a scaleable, light weight and low cost solution to a variety of 3D radar applications from anti-ship missile defence, through air warfare to land and sea-based theatre missile defence."

AUSPAR overcomes the transmitter and weight disadvantages of passive phased arrays and uses electronic beam forming and scanning. CEA's cost effective solutions will allow the technology to be fielded on a variety of maritime platforms from corvette to aircraft carrier size ships.

Mike Aitchison said, "The technology is at the leading edge of developments in active phased array radar and will have a significant impact on maritime and air surveillance."

The United States Navy joined the program in April 2005 following successful land and sea based trials of the existing low power CEAFAR phased array radar in 2003/04. The US and Australian Departments of Defence will jointly share the costs of the developmental program that is expected to be completed in early 2008.

Mike Aitchison said, "The AUSPAR contract is a significant milestone for CEA and we look forward to working closely with both governments to develop these leading edge maritime radar technologies".

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