SPECIALTY SYSTEMS, INC.

Specialty Systems, Inc. (SSI), a privately held company in Toms River, New Jersey announced today it has received a contract to provide Radio Communications Control Software to the Royal Australian Navy (RAN) for their ANZAC Class-Frigates. SSI's software introduces a new state-of-the-art paradigm for the control and management of the RAN's ANZAC-class shipboard radio communications systems, delivering dramatic improvements in mission flexibility and capability.

The contract was awarded to SSI in support of a communications modernization contract by Selex-ES, a UK based Prime Contractor, as the result of a highly competitive Request for Tender (RFT) process by the Australian Defense Material Organization (DMO). SSI participated in the prime proposal design for this RFT effort. Under the contract, SSI will provide communications control software to be installed in the main communications control computer that will integrate with a technologically advanced Radio Frequency Distribution System (RFD) to provide the capability to adjust the multi-band, multi-mode radio communications configuration in real-time in support of military, humanitarian and other Government and Defense related missions. The features of the computer controlled RFD will provide the Australian Navy with a higher performing communications capability which is required to meet expanding operational needs. The solution provides improved and intuitive communication management between ships, aircraft, troops, first responders, emergency personnel, other agencies and allied nations to coordinate the information and resources necessary in any situation. The control software operates in coordination with an RF Distribution System developed by RF Products, Inc., another New Jersey company.

"This is a significant opportunity for SSI to deliver our C2D2^{TM} (Command and Control Digital Dashboard) Control Software to the Royal Australian Navy. This software system leverages the latest designs to provide communications operators the control to immediately adapt system capability for any mix of emerging needs," said Emil Kaunitz, President of SSI. "The control software also allows RAN to quickly and affordably upgrade their communications systems to address future mission needs and assure continued interoperability through the life-cycle. While designed specifically for these frigates to increase and improve radio operations, our software is modular and easily modified so that the same capability can be utilized across an entire Navy fleet with different ship classes and different radio system configurations." Mr. Kaunitz said.

Multi-Mode, Multi-Band Control Software (M3BCS)
Communications Control Digital Dashboard (C2D2) ™

Specialty Systems, Inc. C2D2™ and M3BCS products are valuable components of complex communication systems; they supplement the combination of the radios, antenna, and RF Distribution system to maximize systems communications capability while reducing operator workload and complexity. The basic features of the product will allow a common operator interface to control the communications systems on air, ship and ground vehicles providing commonality which reduces operator training and associated cost while improving operator capability. The products also integrate with other on-board systems to create a seamless environment where operators request services and the products implement the entire control chain to implement the change. Systems such as intercom systems, deployable antenna systems and carry on radios can be seamlessly controlled allowing maximum utility of integrated system assets. SSI works with end-users and acquisition personnel to explore product customization to maximize the benefit of our products in the customer's defense environment.

The products SSI provides, work in conjunction with a Remote Control Unit (RCU) and RF Distribution hardware provided by RF Products located in Camden, New Jersey. The systems support the following features:

M3BCS
- Two click operator selection of a communication change to a multi-mode, multi-band radio path
- Two click reconfiguration of all paths in a multi-mode, multi-band communications suite
- Maximizes simultaneous operation for communications requirements in bands and modes to support communications to:
    - Ship
    - Submarine
    - Aircraft
    - Air Traffic Control
    - Ground Vehicle
    - First Responder

Communication Control System (C2D2)
- Single operator management of a highly complex communications configurations with the flexibility to maximize communications support over a wide variety of needs
- Manages radio configurations
- Manages on-board intercom system operation and integration to the radio communications capability

SSI's M3BCS software suite minimizes the skill level of operators necessary to maximize the communications effectiveness of multiple radio configurations that include a large complement of multi-band multi-mode radios supported by interference cancellation systems and numerous multi-port antennas.
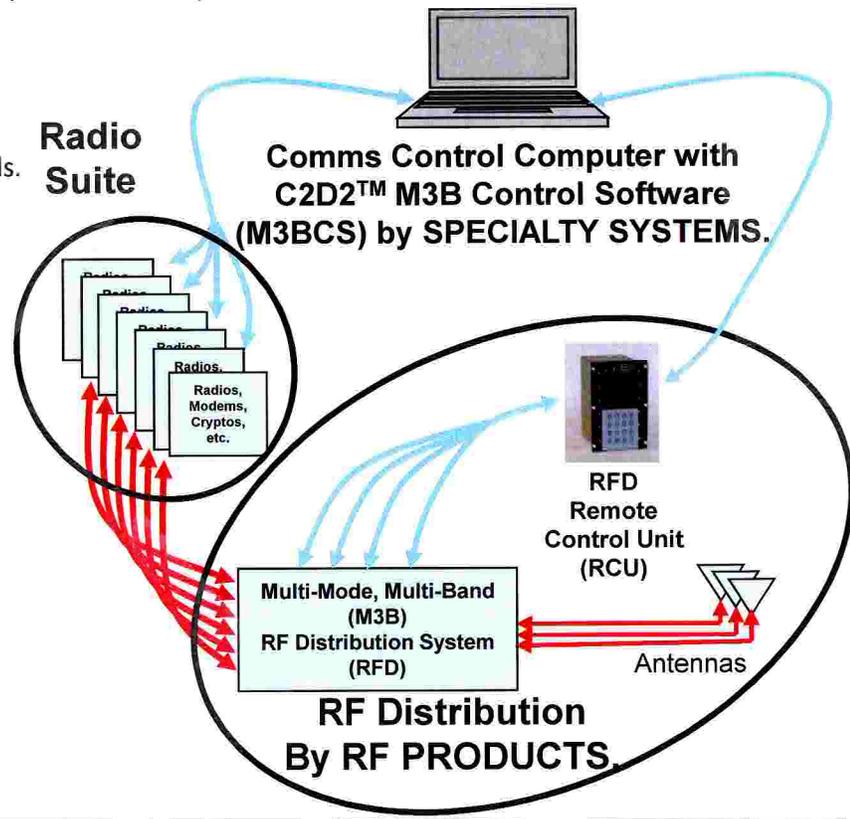
Multi-Mode, Multi-Band RF Distribution System with Control Software.

Over the past decade, the communications requirements of today's military have evolved so quickly that state-of- the-art communications systems installed as recently as 10 years ago cannot address current needs. Commanders find themselves engaged in operations on the battlefield as well as providing humanitarian aid, supporting homeland security and also engaged with law enforcement to combat terrorism, piracy, drug trafficking and illegal immigration. In addition, as technology has advanced, communications have elevated in importance allowing commanders and allies dispersed around the globe to observe real-time engagements and intelligence, with the ability to collaborate in prescribing strategy for theater commanders to execute mission. The communications technology evolution which now supports features such as secure voice, real-time video, data, photographs, documents, and high data rate communications to allow ships/planes to be nodes in a mobile network has changed the way battles are fought and has caused communications configurations installed the past decade to become obsolete.

Current military commanders require communications systems that support multiple-bands and multiple-modes with fewer radios and antennas but with the ability to reconfigure dynamically to address real-time mission requirements. The systems must support substantial simultaneous operation and must allow the communications operator to maintain situational awareness of current communications to manage available assets easily with the ability to quickly reassign communications assets as they become available.

The solution the military requires is now available from the team of RF Products and Specialty Systems. Together, a flexible RF Distribution System (RFD) provided by RF Products coupled with sophisticated control software by Specialty Systems provides the capability the military needs. The RFD and control software are modular to permit communications systems to scale in the future as communications requirements expand and budget becomes available. The RFD assures that investment today is protected by allowing future addition of building blocks to current configurations to expand system capability, seamlessly and affordably. The benefits of the RFD and control software approach can be characterized as follows:

- RFD Maximizes simultaneous operation of radios
  - Enable operation of multi-band radios in all bands.
  - Fewer radios and antennas required
  - More active communications
- Leverages radio band/mode capability
- Modularly expandable for future
  - Protects investment
- Control Software simplifies system operation
  - Very easy operator interface.
  - Prevents operator error.
  - Comms Operator provided full system visibility
  - Point and Click to adjust configuration
  - Warnings provided for rules violations
  - Harmful path adjustments prohibited

Radio Suite

Comms Control Computer with C2D2™ M3B Control Software (M3BCS) by SPECIALTY SYSTEMS.

Radios, Modems, Cryptos, etc.

Multi-Mode, Multi-Band (M3B) RF Distribution System (RFD)

RFD Remote Control Unit (RCU)

Antennas

RF Distribution By RF PRODUCTS.