

UK AIS Network Goes Live

Once again, Kongsberg Norcontrol IT has delivered within the contract period. The AIS network for the MCA has been operational since the beginning of April '06, following a successful Site Acceptance Test (SAT) during March.

The delivery included all AIS hardware and software for 18 Maritime Rescue Coordination Centres (MRCC), one training centre, 51 remote physical shore stations, one AIS Service Management (ASM) site and a new Graphical User Interface called the C-Scope User Interface. The delivery also includes an AIS web display.

"The project timescales were very demanding, particularly delivery of the new C-Scope User Interface to meet the MCA's detailed user requirement. Kongsberg Norcontrol IT completed the scope of delivery within the initial 12 month contract period," comments James Findlay, Head of Information Communication Technology, MCA.

UK AIS Network



The AIS network (software) was deployed from a single station at the MCA headquarters, Spring Place in Southampton. This remote deployment assisted in the smooth installation of the network at the MRCCs around the country. Phase 2 of the project runs from March '06 to March '07 and will focus on enhancing the C-Scope User Interface (UI) based on user operational experience.

"Our R&D departments in South Africa and India have done a fantastic job in a short period of time in developing and implementing the new C-Scope UI for the AIS network," comments Steve Guest, Kongsberg Norcontrol IT (UK). The successful completion of the network is satisfying indeed, especially as it is the result of such close collaboration with the MCA."

Announcing Our New Name

'Norcontrol IT' has been renamed as 'Kongsberg Norcontrol IT', following the acquisition by Kongsberg Defence & Aerospace AS (KDA) in November 2005 (reported on in the last issue of the Norcontrol IT newsletter).

"KDA acquired Norcontrol IT due to its strengths and position in the market. As Kongsberg Norcontrol IT, the company will continue on its current path, developing world class Domain Awareness, VTS and AIS applications, but as part of a larger group, whose expertise and experience will benefit the public, military and civilian markets," comments Odd Kyllingmark, Executive Vice President of the new Land Systems & Surveillance Division of Kongsberg Defence & Aerospace AS.

"As Kongsberg Norcontrol IT, we continue to lead the field in the development of Domain Awareness applications, but the new name reflects the benefits we have from the close ties to our parent company, KDA," says Jan Anders Horntvedt, President, Kongsberg Norcontrol IT.

In line with the other divisions of the Kongsberg group, Kongsberg Norcontrol IT will now also use the Kongsberg logo for branding.

Saudi Ports Authority Contract

Kongsberg Norcontrol IT has won a contract to supply VTS (Vessel Traffic Service) systems for six ports in the Kingdom of Saudi Arabia.

Saudi Ports Authority will utilise the new systems to detect vessels including tankers and small craft surrounding the local area of Dammam Port, Jubail Industrial and Commercial Port, Jeddah Port, Yanbu Industrial and Commercial Port, Duba Port, and Jizan Port.



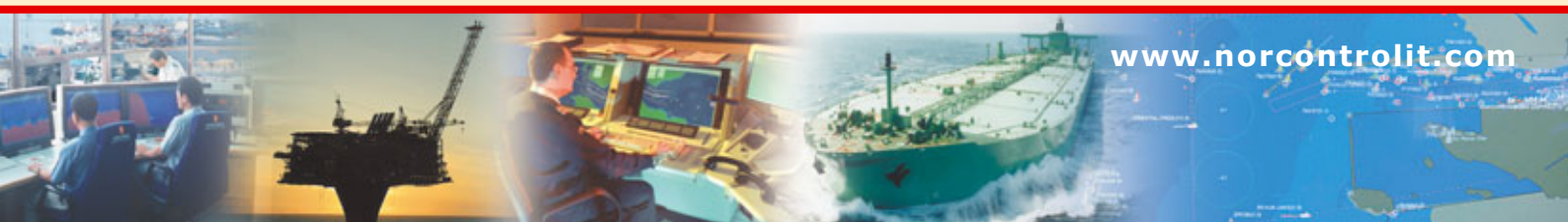
Mr. Roar Flaates, Project Manager, Kongsberg Norcontrol IT and Sami Al-Meziad, General Manager, National Advanced Systems Co., Ltd (NASCO).

The delivery will include 5 AIS base stations and 9 radar systems, which will be installed at the different ports.

"Saudi Ports Authority should be commended for their very professional handling of the complicated process of coordinating the introduction of multiple capital VTS ports and enhanced security systems at ports across the capital Kingdom at the same time," comments Steve Guest, Regional Sales Director, Kongsberg Norcontrol IT. "With these new VTS and security systems, Saudi ports will comply with ISPS regulations and achieve increased safety, efficiency and security throughout the coverage area," continues Steve.

Kongsberg Norcontrol IT already supplied a Norcontrol VOC 5000 system for Dammam Port in 1996. The new system at Dammam will be a replacement with improved functionality.

The contract for Saudi Ports Authority is through National Advanced Systems Co., Ltd (NASCO), Kingdom of Saudi Arabia. The new systems are due for installation and operation by the end of 2006.





C-Scope Family Expands with New Video Extractor and Tracker

The new C-Scope range of enhanced domain awareness solutions for Vessel Traffic Management Information Systems, Offshore, Coastal and Land Border Surveillance has been expanded with the development of the next generation C-Scope Video Extractor and Tracker (VET).

It is used at both local and remote radar sites to extract digital radar video and target track information from the radar transceiver outputs, whether analogue or digital. Digital video and tracks are transmitted to the VTS Centre over local networks and communications links to provide a highly accurate representation of the actual radar video.

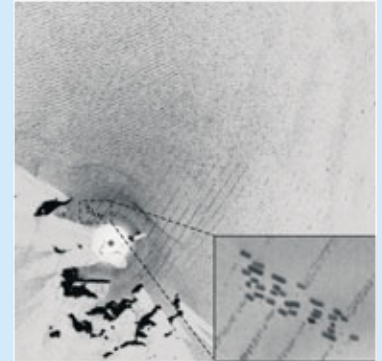
The C-Scope VET employs commercial off-the-shelf technology to form a very high capacity, state-of-the-art system with a modular design that minimizes installation and maintenance issues and facilitates enhancements and upgrades.

Core features of the system include:

- 2 channel analogue or digital radar video acquisition with digital signal processing
- Frequency Diversity ready
- Excellent noise and clutter techniques that result in high probability of detection and low false alarm rate
- Ability to discriminate between close targets
- Detailed masks for land and detection areas
- Stable tracking and rapid manoeuvre detection

The new C-Scope VET has been developed by Applied Radar Physics (ARP), a majority-owned Kongsberg Norcontrol IT company, dedicated to Radar Research & Development.

For a full product description, contact your local Kongsberg Norcontrol IT office.



Recognition For Korean Activity

Hong-kon Kim, CEO of Changsan IT Ltd, received the Korean Industrial Service Medal during the opening ceremony of New Busan Port on January 19th 2006.

The medal was presented by President Ro Mu-hyun in front of many domestic and foreign honoured guests and reporters and was broadcast live on a national network. It represents the Korean government's recognition of the service that Norcontrol IT and Changsan IT provided in the construction of the VTS Centre of the New Busan Port, where they worked to significantly increase the level of traffic safety.

Director, Taek-gu Gwun said, "Norcontrol IT and Changsan IT can celebrate this official recognition of our efforts to prevent accidents in the port and protect national assets by the government. The VTS system was constructed successfully in the New Busan Port, as well as the Jindo VTS system, which was completed in April this year. This follows systems in the 13 domestic ports that have been created since the Pohang VTS system was installed in 1992."

"I am very glad to receive this award and dedicate it to all members of Norcontrol IT and Changsan IT," said Chief Executive Hong-kon Kim. "We will continue to provide excellent levels of customer service and technical support in the domestic VTS system market."



Canary Islands VTMIS

Kongsberg Norcontrol IT has been contracted to deliver a new VTMIS with Traffic Separation Schemes for the Canary Islands to SASEMAR, the Spanish Society of Marine Rescue and Safety.

TECOSA, a supplier of integration of security and telecommunication systems in Spain, has chosen the VTMIS5060 system to replace the existing Norcontrol system in Las Palmas and the present VTS system in Tenerife.

The system will provide increased maritime safety for the Canary Islands' coastal waters and surrounding seas. It will comprise of a VTS Centre located in Tenerife with one radar site, and a second VTS Centre in Las Palmas with two radar sites. An important requirement is the monitoring of the introduction of two new traffic separation schemes, approved by IMO in July 2005.

"We are very pleased to continue our long and valued relationship with SASEMAR, which goes back to the first Las Palmas delivery in 93/94," says Roberto Gonzalez, Business Development Manager at Kongsberg Norcontrol IT. "Together with TECOSA we will provide a highly effective system which will enhance maritime safety and security of the Canary Islands' EEZ."

The system is planned to be fully operational by January 2007.

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