

Press Release

December 04, 2003

Thrane & Thrane has received Lloyd's and Inmarsat Approval of Ship Security Alert System

Thrane & Thrane is pleased to announce that the company's mini-C solution for Ship Security Alert System (SSAS), the Capsat[®] Ship Security Alert (TT-3000SSA), as the first Inmarsat-C based solution has been approved by Lloyd's Register EMEA as well as Inmarsat. Consequently, Thrane & Thrane's mini-C solution satisfies the new requirements from IMO (International Maritime Organization) regarding Ship Security Alert System.

The approvals from Lloyd's Register EMEA and Inmarsat follow a very successful launch of Thrane & Thrane's mini-C solution at the Europort maritime exhibition in The Netherlands in November 2003. It is Thrane & Thrane's first approval of the Capsat[®] Ship Security Alert from the relevant classifications societies.

The mini-C solution offered by Thrane & Thrane comes with two alarm buttons, which can be activated in case of a terrorist or piracy attack. It presents the owners with the following benefits:

- Based on the existing Inmarsat-C service, which is recognized for its unique role in maritime safety.
- In full compliance with Inmarsat CN137 Security Alert requirements which stipulates use of the well established GMDSS Inmarsat-C infrastructure.
- Only one time cost. No additional start up fee/subscription fees.
- Routing of Ship Security Alert according to Flag Administration procedures.
- Flexibility in routing to e-mail addresses, anti piracy centres, GSM phones etc, where endorsed by Flag Administration.
- Full support by the Thrane & Thrane global distributor and partner network with more than 10 years experience in the delivery, installation and support of Inmarsat C-systems. This includes support from the company's network of selected Certified Service Centres.



Figure 1 - The Capsat[®] Ship Security Alert

The two alert buttons allow direct transmission of covert/security alert calls, including updated position data, the ship identity, and current position associated with a date and time. Operation of the SSAS alert buttons does not cause any alarm or indication signal on the ship.

Thrane & Thrane has already received a significant number of orders on the new Capsat[®] Ship Security Alert solution and first customer shipment is expected within this week.

In the beginning of 2004, Thrane & Thrane expects to introduce a second Inmarsat-C based Ship Security Alert solution. The Capsat[®] Ship Security Add-on solution will use the existing Inmarsat TT-3020C transceiver onboard a ship and add SSAS alert panels to the installation. The second solution will primarily be aimed at the market for newbuilt commercial vessels.

For further information, please contact:

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About Thrane & Thrane

Thrane & Thrane is one of the world's leading manufacturers of Inmarsat terminals and land earth stations for global mobile satellite communication. Since its incorporation in 1981, the company has established a strong position within global mobile satellite services based on the Inmarsat system, and today it provides equipment for land-based, maritime and aeronautical use. The company is listed on the Copenhagen Stock Exchange. Information about Thrane & Thrane can be found at: www.tt.dk