Capsat® Ship Security Alert
- when security matters

via inmarsat

Contact

For further information on the
Capsat® Ship Security Alert solutions
and the complete range of maritime
satellite communication equipment
from Thrane & Thrane, please visit
www.tt.dk/marine.

www.tt.dk/marine

Thrane & Thrane
We bring satellite communication down to earth

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INCREASE SECURITY AT SEA

On board installation **Shore installation**

LESO

easyTrack

PC e.g. SSA Capsat® Manager

e-mail, sms, etc.

Battery   Interconnection Box

Power Input
10.5 - 32 Vdc

Alarm Push Buttons   Test Button

—— Capsat® Ship Security Alert
- - - T&T options
—— Customer supplied

As piracy attacks and international terror increase, International Maritime Organization (IMO) states new regulations in order to increase the security at sea.

IMO regulations
The regulations from IMO covering the International Ship and Port Facility Security Code (ISPS) and Ships Security Alert (SSAS) require ship owners worldwide to implement new routines and new equipment on board ships.

Capsat® Ship Security Alert
Thrane & Thrane offers two solutions, which fulfil the IMO requirements regarding SSAS. Both solutions are based on the Inmarsat-C service provided by Inmarsat, known for its unique role in maritime safety. The equipment used is Thrane & Thrane's Inmarsat-C and mini-C terminals, which both are approved for maritime use.

The background for the new SOLAS resolution 6 introduced by IMO concerning SSAS is to provide ships with two alarm buttons, which can be activated in case of a terrorist or piracy attack. The Capsat® Ship Security Alert solutions present the owners with the following benefits:

- Based on the existing Inmarsat-C service, which is recognized for its unique role in maritime safety.
- The Capsat® Ship Security Alert systems are approved by Inmarsat according to CN137, which means that any alert will be handled like a distress in the GMDSS network.
- One time cost only. No additional start up fee/subscription fees.
- Total flexibility in routing to e-mail addresses, anti piracy centres, GSM phones, etc.
- Both Capsat® Ship Security Alert systems offer the opportunity to use additional fleet tracking software, which will enhance Vessel Monitoring Systems (VMS) and fleet tracking possibilities.
- Full support by the Thrane & Thrane global distributor and partner network, with more than 10 years experience in delivery, installation and support of Inmarsat C-systems.

Capsat® Ship Security Alert/TT-3000SSA
The stand-alone solution will provide the owner with an independent SSA solution, which is simple to fit. No interfacing with existing satellite or radio equipment is required.

Description of the TT-3000SSA package
- One easyTrack terminal
- One mast mount kit
- One interconnection box
- Two alert buttons with 50-meter cable
- One 20 meter cable between interconnection box and antenna
- One test led/button with 50 meter cable

Capsat® Ship Security add-on/TT-3042SSA
The basic principle of the Capsat® Ship Security add-on solution is to use the existing Inmarsat TT-3020C transceiver onboard the ship, add alert buttons, as well as an interface panel to the installation and make the required SSA software upgrade.

Description of the TT-3042SSA package
- TT-3042SSA interface panel with build in test/led button
- Capsat® Ship Security add-on software upgrade
- Two alert buttons with 50 meter cable
- One meter ARCNET cable for interface panel

SSA Capsat® Manager – an optional feature
Part of the strength of the Capsat® Ship Security Alert systems is the simplicity of installation combined with the subsequent potential for implementing fleet tracking or vessel monitoring, e.g. the SSA Capsat® Manager software.