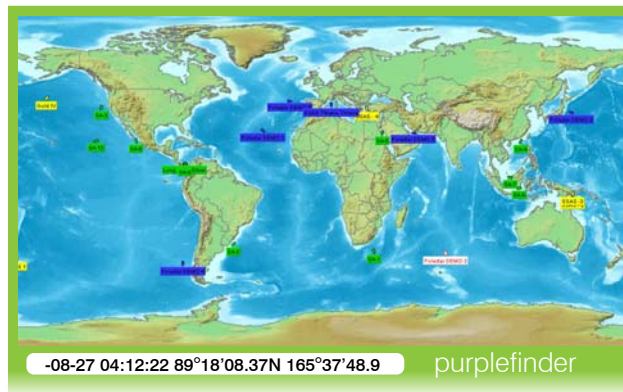


SSAS Management Alert Advanced

With its new Alert Advanced service, Pole Star has developed a fully compliant web-based SSAS (Ship Security Alert System), designed to fulfil all SOLAS XI-2/6 SSAS regulations and provide you with a sophisticated security management system.

Alert Advanced enables you to:

- Manage fleet security using a proven and reliable Ship Security Alert System
- Keep information secure by limiting access to the system to authorised parties via secure logins
- Control distribution of data to designated recipients only
- Install Pole Star's dedicated DSAS hardware or integrate other manufacturers' SSAS units with Alert Advanced, so that security management for the entire fleet is on one system



Key features

- Unlimited alert cycles for security alerts and routine testing
- Manage alerts and tests and reset the unit from your login
- Set up separate logins for specific vessel groups
- Notifications of security alerts sent to email/SMS/fax to keep you informed in or out of the office
- Interactive C-Map marine charts with zoom and pan to monitor a security incident
- Poll a vessel to receive immediate position report in a security incident
- Increase position reporting frequency in the event of a security alert
- Access to global meteorological forecasting and storm/ cyclone/ hurricane data
- Full technical and customer support from Pole Star

via 
inmarsat

Powered by
Purplefinder 

SSAS V1.1 2007-04-11

Pole Star has received Type Approval for its SSAS systems from all major classification societies. See our website for details: www.polestarglobal.com/m/compliance



SSAS Alert Advanced

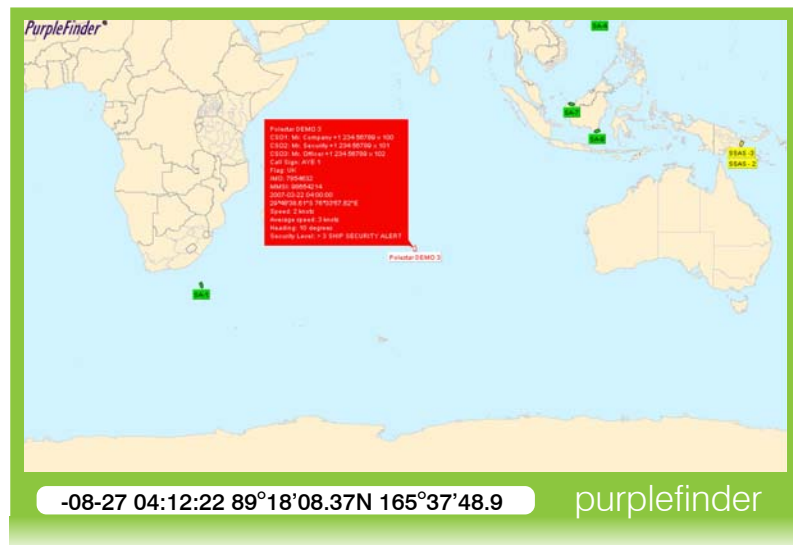
Using Alert Advanced

Security Alert

The Alert Advanced SSAS is fully SOLAS XI-2/6 compliant. A covert onboard transceiver with concealed antenna is linked to two alert activation points. In the event of a security alert, when an alert activation point is triggered, there is no indication onboard the vessel that an alarm has been raised.

A ship-to-shore security alert is transmitted to designated recipients (including Competent Authority and Flag Administration, as required), identifying the vessel and its location.

This alert is repeated at 30 minute intervals until the alert is reset. (Security procedure for third party equipment may vary.)



Monitoring a security incident

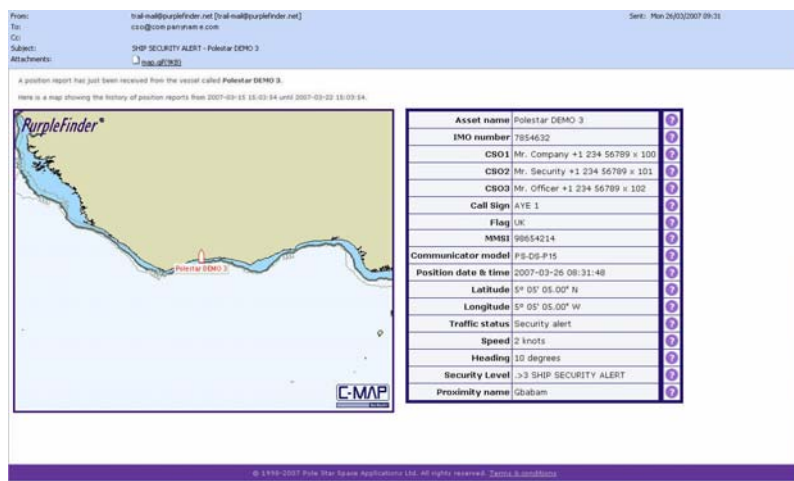
In a security incident, there are a number of tools available to enable you to monitor the situation more closely:

- Use zoom function on C-Map charts to focus on vessel and its surroundings
- Poll the onboard unit to request an immediate position report to get the latest data on a vessel's position, speed, heading, nearest port etc
- Increase position reporting frequency (up to one every 10 minutes) to be kept informed of vessel's movements
- View detailed meteorological forecast on C-Map charts (choose from wind speed/direction, swell wave direction/height/period etc.)
- View storm, cyclone and hurricane data which may affect the vessel's progress

Controlling Access to Data

Alert Advanced gives you a number of ways of controlling access to sensitive data:

- Set up separate logins for responsible superintendents and assign to each login a specific vessel group according to your requirements
- Control level of access for each login by selecting Master, Assistant or View password according to level of delegated responsibility
- Set up notifications for security alerts and routine tests for authorised recipients (colleagues, Competent Authority, Flag Administration, as required)



Hardware options

Pole Star DSAS-L

An entry-level product designed for the buyer who wants compliance at low cost. The unit consists of a compact, integrated Inmarsat D+/GPS transceiver, breakout box and two separate external alert buttons.

Pole Star DSAS

A self-contained unit consisting of an integrated Inmarsat D+/GPS satellite transceiver, power management unit and back-up batteries which will keep the unit fully functional for several days in the event of a power failure. Linked to two separate external alert buttons, the unit has no external antenna and does not resemble typical satellite communications equipment.

Third party equipment

The following SSAS units can now be integrated with the Alert Advanced service:

- Furuno Felcom 15/16 SSAS
- JRC JUE SSAS
- Nera Mini-C SSAS
- Satamatics Ocean Alert
- Thrane & ThraneTT3000SSA
- Transas Ship Guard

If you have a SSAS unit not listed here, please contact us to discuss your integration requirements.

SSAS Alert Advanced Feature Matrix

FEATURE	DESCRIPTION
HARDWARE OPTIONS	
DSAS-L	Compact, integrated Inmarsat D+/GPS transceiver, breakout box and two alert activation points: it is supplied complete with all power cables, alert activation point cabling and mounting kit
DSAS	Compact, integrated Inmarsat D+/GPS transceiver, power management unit, back-up batteries and two alert activation points: it is constructed using a tough polycarbonate enclosure which is protected by a stainless steel casing
Third party equipment	Hardware compatibility list: Thrane & Thrane TT3000SSA, Furuno Flecom 15/16 SSAS, JRC JUE SSAS, Nera Mini-C SSAS, Satamatics Ocean Alert and Transas Ship Guard
POSITION REPORTING	
Automatic Position Report (APR)	The default setting is 1 position report per day to give you a regular daily report
Security Alert Position Report (SPR)	Unlimited SPRs for real security alerts and routine testing
Warning Report	DSAS only: Sends notification of battery or power problem or tampering with the onboard unit
Change reporting frequency	Send a command to change the reporting interval in the event of a security incident
Poll for position	Send command to request an immediate position report
Report history	View and download a log of all reports
FLEET INFORMATION	
Fleet list	View latest report data for entire fleet
Fleet map	View position and status of entire fleet at a glance on C-Map charts
Asset map	View position history trail and status of an individual vessel on C-Map charts
Meteorological information	10 day meteorological forecast and cyclone/storm/hurricane information
TOOLS	
Postings	Add/edit data displayed in position reports
Notifications	Programme system to transmit reports to designated recipients via email/SMS/fax
Manage alerts	Manage and reset real security alerts and test alerts from your PC
SECURITY	
Master password	Full access and control of Alert Advanced
Assistant password	Limited access and control of Alert Advanced
View password	Read only access to Alert Advanced
HELP	
Support	Full support from Pole Star

*Pole Star will use reasonable endeavours to track your transceiver and deliver your position reports. However sometimes this is not possible due to factors beyond our control, such as satellite communications failure.



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