

Unique on the market

BlueTraker[®] SSAS

BlueTraker[®] SSAS Arctic



World's only SSAS terminal engineered for Arctic voyage!
Cold start capable down to -55° Celsius!

All electronic and mechanical components specifically selected for low temperature operation!

Key Benefits

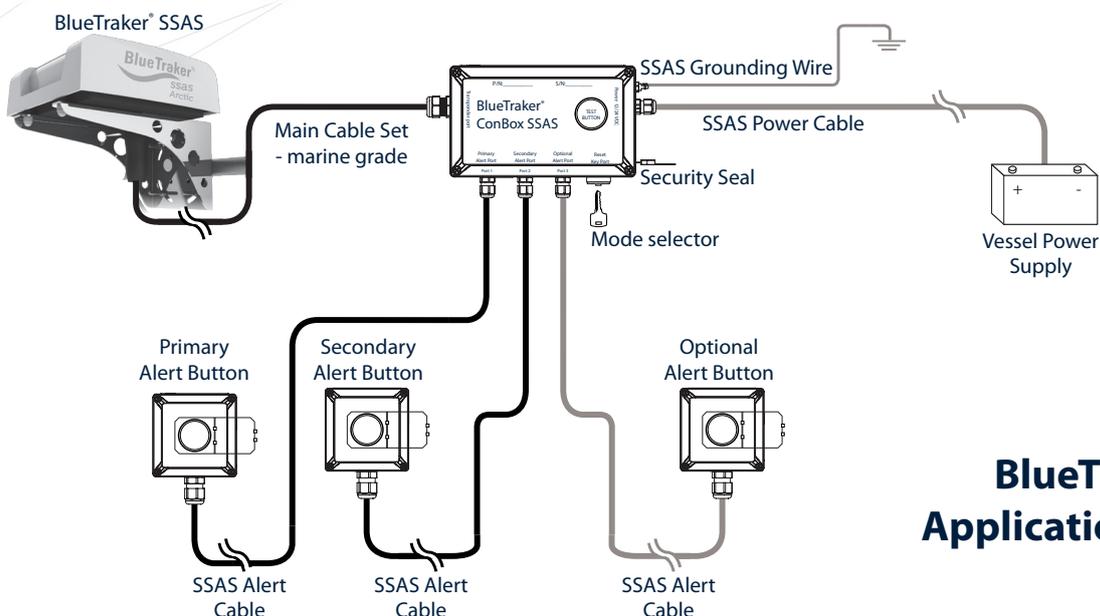
- True global coverage.
- Suitable for arctic voyage.
- Fully integrated design, easy to install.
- Various mounting and installation options
- Low total lifecycle cost.
- Easy integration with application software.
- Provided web based GUI for device monitoring and configuration.

Key Features

- Iridium Satellite network offering A4 Sea Area coverage.
- Arctic model is capable of cold start down to -55°C!
- Rugged outdoor housing.
- Integrated GPS receiver.
- Positions logged to internal memory.
- Integrated backup battery.
- Low-power mode for extended life on backup battery.

General

BlueTraker[®] SSAS terminal is above deck device with IP68 and IP69K environmental protection, integrated antennas, 5000mAh LiPoly Backup battery, bottom connector, supply power 8V-36V(DC), external alert button digital inputs, RS485 interface.



BlueTraker[®] SSAS
Application Diagram

BlueTraker SSAS (Arctic) feature checklist

Highlights

True global coverage

Features and capabilities

- ✓ Iridium satellite network
- ✓ Sea Area A4 coverage

Engineered for cold environment

- ✓ Capable of surviving temperatures down to -55°C at polar regions
- ✓ Double shell-ventilated housing combats accelerated cooling in windy environments
- ✓ Smart thermostatic temperature control for "Cold State Power-up"
- ✓ Special, arctic grade power supply cable

Simple yet comprehensive user interface

- ✓ Primary SSAS alert button
- ✓ One or more secondary SSAS alert buttons
- ✓ Alert message indicates whether primary or secondary button was activated
- ✓ Operation mode selector (test mode/normal mode)
- ✓ Protection against unintentional alert triggering

Inherent safety and security

- ✓ Mechanical, electrical and electromagnetic safety and security features
- ✓ Unique serial number engraved on the housing
- ✓ Tamper detection built-in
- ✓ Antenna blockage detection
- ✓ Security seals to evident unauthorized access
- ✓ Main cable open loop and short circuit detection
- ✓ External power failure tolerant due to back-up battery
- ✓ System diagnostics reports

Complete SSAS solution

- ✓ BlueTraker® SSAS terminal
- ✓ ConBox SSAS
- ✓ Primary and secondary alert buttons
- ✓ Mounting accessory (UniMount or RailMount)
- ✓ Includes main cable and alert cables (various lengths)

Benefits to ship owners

- ✓ Web based management platform
- ✓ Data service subscription available
- ✓ Web based fleet tracking application

BlueTraker SSAS models comparison chart

Terminal features	SSAS	SSAS - Arctic
Regular position reporting over Iridium satellite network	✓	✓
SSAS alerting	✓	✓
Integrated GPS antenna	✓	✓
Poll support	✓	✓
Smart thermostatic temperature control		✓
Cold start from - 55 °C		✓
Smart firmware for Arctic operation		✓
Arctic grade power supply cable		✓
Electronic components selected for extended temperature range		✓

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