

EMA PRESENTING INNOVATIVE SOLUTIONS WORLDWIDE!

It is our pleasure to invite you to visit us at some of the important events around the world this and upcoming year...

1. METS 2009



METS is the world's biggest and only truly global marine leisure show. It is surely also the most cost-effective way to see the newest products from around the world in one place over three days.

It's the third year EMA group is making its appearance at METS tradeshow and it has always been a great experience in all aspects.

Visit us at: **HALL 11, stand 11.636**

For a floor plan and other info go to: <http://www.metstrade.com/home.asp>

2. IRIDIUM 2010 PARTNER CONFERENCE



Iridium Communications Inc. is a publicly traded company headquartered in Bethesda, MD. Iridium's mobile voice and data communications solutions, for a wide variety of industries, are supported by the only truly global communications network, with coverage of the entire Earth, including oceans, airways and Polar Regions.

This year EMA Group's BlueTraker Long-Range Identification and Tracking (LRIT) ship terminal has been certified by Iridium Satellite to provide LRIT services over the Iridium satellite network. We are an Iridium Value-Added Reseller and Value-Added Manufacturer and this is one of the answers to why we are attending the conference. Phoenix 2010. Partner Conference will be accompanied by the exhibition so there will be quite a few things to see.

At both events, EMA Group will be presenting its range of BlueTraker devices:

➤ **BlueTraker-VMS (Vessel Monitoring Systems)**

»Field proven hybrid (Iridium / GPRS) transponder for the fisheries.«

The World only hybrid VMS transponder with a »Total Integrity« concept:

- Exclusively above-deck design
- All antennas (GPS, GPRS, Iridium) are embedded in the housing
- All electronics embedded in the housing with antennas
- Back-up rechargeable battery enables 2 days autonomous/full functionality operation and is embedded in the same housing with electronics and antennas
- Ready for E-logbook and Catch report transmission via Iridium
- Water tight, double shell housing resists all elements from tropics to arctic...

➤ **BlueTraker-LRIT (Long Range Identification System)**

»The most versatile stand-alone LRIT terminal in the World.«

- LRIT functionality does not mix up and eventually compromise ship's other communication channels like INMARSAT GMDSS or INMARSAT regular voice and broadband-data satellite communications
- It uses Iridium satellite network which upgrades ship's safety due to redundancy with the already existing INMARSAT satellite network communications
- It gives 100% Globe coverage in comparison to some 75% coverage found in INMARSAT based systems
- Can't be damaged by any wrong installation procedure:
 - ✓ Any power supply from 9-36 V DC (even with 50m supply cable length) successfully powers the device
 - ✓ Reverse polarity when connecting power has no damaging effect
 - ✓ Power supply voltages that rise continuously up to 150V DC (load dump situation) have no damaging effect
 - ✓ Short bursts of voltages up to 1500 Volts have no damaging effects
 - ✓ Strong but short radar beams in the vicinity of the terminal have no devastating effect on GPS and Iridium high sensitivity antennas

- Received ALL imaginable certifications and approvals:
 - ✓ European CE and EN60945 certifications by independent certification labs
 - ✓ Germanische Lloyd Classification Society Type Approval
 - ✓ Iridium Type Certification
 - ✓ Polestar and Fulcrum ASP Conformance Test Approved
 - ✓ US Coast Guard Type Approved
 - ✓ One Pre-Conformance Test included in the package

- **BlueTraker-LRIT-Arctic**
 - »The extended temperature range version of BlueTraker-LRIT.«
 - The only LRIT in the World enabling operation from the power-up at -52°C
 - Full operation temperature range from -52 to +70 °C (environment temperature)

- **BlueTraker-2200**
 - »The only hybrid, leisure sector vessel tracking terminal. GPRS and Iridium channel.«

- **BlueAIS**
 - »The first »Total Integrity« class B transponder«

- **BlueTraker-Hub**

General purpose Satellite Gateway based on Iridium SBD service. Offers SMS, e-mail, short file transmit and receiving via Iridium network! Intended for ease of use by OEMs and System Integrators. BT-DLL Windows based API helps with easy integration with on board PC based equipment...