



## **Case Study: EMA BlueTraker**

### **Keeping Fishing Vessels in Compliance**

Iridium connected vessel monitoring system provides monitoring and control of fishing vessels.

“Leveraging the unique pole-to-pole global coverage of the Iridium network, the BlueTraker VMS provides the most reliable and cost-effective tracking, monitoring, control and surveillance services worldwide,” said Zlatko Mastnak, CEO of EMA.

### **The Challenge**

The Albanian government was in need of a reliable electronic system for monitoring commercial fishing vessels throughout the country’s waters that would provide accurate reporting information and be in compliance with the European Union (EU) maritime vessel reporting regulations.

### **The Solution**

The Albanian government awarded EMA Group (EMA) a contract to install Iridium-based BlueTraker® Vessel Monitoring Systems (VMS) on more than 200 Albanian commercial fishing craft. The BlueTraker VMS is an intelligent hybrid tracking transponder that uses the Iridium satellite short-burst data (SBD) service to transmit vessel coordinates when the ships are out of range of shore-based wireless networks. The contract, issued by the European Union (EU) Delegation to Albania, together with the Ministry of Environment, Forest and Water Administration of the Republic of Albania, provides for monitoring and control of the fishing vessels in accordance with the requirements of the EU Commission.

### **The Impact**

The EMA BlueTrakers allow real-time monitoring of fishing vessels anywhere at any time, providing accurate report keeping for the Albanian government. Iridium’s high network quality and low-latency two-way data links provide a robust and reliable monitoring solution for ship owners to meet the EU position reporting regulations. Iridium is the only satellite system that offers consistent coverage over all the world’s navigable waters.

“The BlueTraker VMS is also e-logbook ready, in accordance with EU regulations that mandate electronic reporting and monitoring requirements on commercial fishing operations.”

### **The Iridium Global Ecosystem**

**Solution Provider:** EMA Group

**Enabling Product:** BlueTraker® VMS transponder

**Enabling Product Vendor:** EMA develops and produces a range of intelligent transport and maritime systems as well as hybrid communication designs for vessels and vehicles of any kind.

**Iridium Core Component:** Iridium Short-Burst Data (SBD) Transceiver

**Iridium Key Network Capability** Iridium’s real-time vessel monitoring solutions provide comprehensive tracking and monitoring data that enables safe and efficient maritime traffic control.