Spanish Navy
AOR Cantabria
Case Study

Whilst the specific hardware mentioned may have been superseded with more advanced models, it proves the longevity and capability of Inmarsat’s L-band services. With proven technology and global coverage, you can rely on our services for communications made certain.
The Spanish Navy has exponentially increased its communications and operational capability thanks to an upgrade programme coordinated by Inmarsat specialist, Satlink Spain. This commenced with the installation of an Inmarsat Global Xpress broadband solution aboard the frigate Cristóbal Colón in late 2017.

The initial project was developed by the Spanish Navy and implemented on the Cristóbal Colón frigate during its voyage to Australian waters under a project agreement between the Spanish Navy and the Royal Australian Navy (RAN). During more than 120 days of navigation, over 200 members of the frigate experienced a high capacity for data transmission, regardless of the geographical location - enjoying a seamless global communications link at all times.

As a result of the project and the operational yields achieved, the Spanish Navy has acquired a new system for another supply vessel of its fleet and is planning to implement it across even more vessels.
"The Global Xpress system permitted the Spanish Navy AOR 'Cantabria' to permanently benefit from the necessary connectivity during her deployment as flagship of Operation 'SOPHIA'. In this way, this data service allowed the ship's crew to effectively fulfil its mission, while remaining in close contact with other external activities."

Cdr Jose María Fernández de la Puente Millán, AOR Cantabria, Commanding Officer.

"Global Xpress is the only broadband network that can deliver Internet anywhere in the world using the same network. Military missions, such as those carried out by the Cristóbal Colón frigate, entail crossings that can last for months, so we are sure that the crew will appreciate the new data services with which from now on they will be able to interact."

Óscar Santidrián García, Government Director, Satlink.
Since its foundation in 1992 Satlink has become the local leader in satellite communications industry. Our partnership with Inmarsat gives us the ability to provide global coverage for voice and data services to any kind of user, regardless of location whether at sea, on land or in aircraft. Satlink has been working with the Spanish Ministerio de Defensa since 2004, and this long experience has created a close relationship with Government market allowing us to find the best solution in each case.

However, the main factor that has contributed to our growth has been our strong conviction to address all customers’ needs. Thanks to our commitment with the IT and R&D department, we provide the most value added services and tailored solutions to our customers, allowing them to increase their business and provide value to their end-users.
Making a bigger difference: The Spanish vessel 'Cantabria' rescues 127 migrants in the Mediterranean

The supply ship The A.O.R Cantabria, equipped with G2X through Satlink, is heavily involved in rescuing migrants in the Mediterranean.

“Military supply vessel Cantabria has rescued today 86 migrants off the coast of Libya and collaborated in the rescue of other hundreds of people”

The Cantabria received real-time situational information regarding the presence of a vessel with migrants on-board some 50 miles off the coast of Libya. The Cantabria was able to set course to the zone, where it rescued 115 people: 101 males, 13 females (six of them pregnant) and one baby. They were all on-board an inflatable vessel and without life jackets. Following this initial rescue, the Cantabria received further information of another vessel in distress and was able to reach the second vessel, some 35 miles off the coast of Libya, and 20 miles from the previous location. In this second location, another 12 people were rescued, and another 119 migrants that were on-board the German frigate ‘Mecklenburg Vorpommernen’, which had also been operating in the zone, were transferred to the Spanish vessel.
This map is for general information purposes only and no guarantee is given of accuracy or fitness for a particular use. Coverage is subject to change at any time.
Inmarsat's Global Xpress high-speed data service enables Government Maritime users to access the same data speeds and reliability anywhere in the world via our Fleet Xpress and G2X services.

With a network purpose-built for mobility, your only decision is to choose the package that best suits your operational requirements and budget.

**Data Speeds**

<table>
<thead>
<tr>
<th>Service</th>
<th>Upload</th>
<th>Download</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fleet Xpress</td>
<td>4mbps</td>
<td>8mbps</td>
</tr>
<tr>
<td>G2X</td>
<td>2mbps</td>
<td>4mbps</td>
</tr>
</tbody>
</table>

**Capabilities**

- C4ISR
- Ship-to-Shore and Ship-to-Ship
- Video Conferencing
- Platform management and maintenance
- Multiple Voice
- Crew Welfare
- Large File Transfer
- VPN
- Web

**Key Features**

- **Global Network** provides same price and same experience, wherever you operate in the world.
- **Unlimited Data** means no rationing of usage required
- **Steerable beams** allow for enhanced capacity
- **Fully interoperable** with national and MilSat networks, augmenting operational capability
- **Flexible pricing** and data packages cater to your requirements
- **Proven capability** by the trusted name in maritime communications for over 30 years

**Applications**

- Peacekeeping
- Search and Rescue
- Naval operations
- Training and exercises
- Border protection
- Coast Guard
- Amphibious Operations
- Fisheries Protection
- Law Enforcement
- Scientific Research & Exploration
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