



MARITIME CASE STUDY



CREW WELFARE SOLUTION FOR THE FRAGATA A.R.A. LIBERTAD

The Fragata ARA Libertad is a full rigged, class A tall ship which serves as a training ship in the Argentine Navy. In 2019 it was also home for Argentinean naval cadets as it embarked on a four month goodwill voyage.

Inmarsat Global Government and partner Tesacom Argentina provided the training vessel, Frigate ARA Libertad, with a Global

Xpress solution for operational and crew communications throughout the 23,000 nautical mile voyage. Crew welfare is a critical consideration for modern navies, crewed by a generation who has been raised in an era of ubiquitous connectivity. Inmarsat's Global Xpress ensured that this connectivity was maintained throughout the voyage – for both the captain and the crew.



World leading reliability

Whilst the crew of the ARA Libertad appreciated Inmarsat's service reliability in allowing them to keep up with football scores from home, the GX network also played a vital role in navigation and official comms. As a sailing ship, weather is a critical variable and always-on Internet connectivity is crucial for receiving weather reports, enabling the navigator to chart a route to avoid bad weather. **"The GX system for us is very important as it has allowed us to communicate with other ships and also our headquarters and to keep in contact with our families"** commented Captain Adolfo Rodrigo Ureta.



Built to move

Unlike the patchwork coverage of other maritime VSAT systems, GX provides a global footprint which allows for seamless transition across beams and satellites, with no need to pre-book space or change system configurations as a vessel moves through international waters. The Inmarsat satellite communications network responds in real time, requiring no advanced planning to move across the globe. The ultimate in borderless flexibility, the Inmarsat solution provided the captain and crew with seamless connectivity as they embarked on a four month long voyage that took in ten countries and fifteen ports.



First for innovation

Inmarsat's GX network was initially launched in 2010, achieving full global service coverage in 2015 and creating the world's only unified global mobile broadband network. Operating in the Ka-band, GX integrates seamlessly with our L-band network to deliver powerful and reliable connectivity, globally. Inmarsat continue to invest in our GX network, with a further seven satellites due for imminent launch, significantly transforming network capacity and service capability.



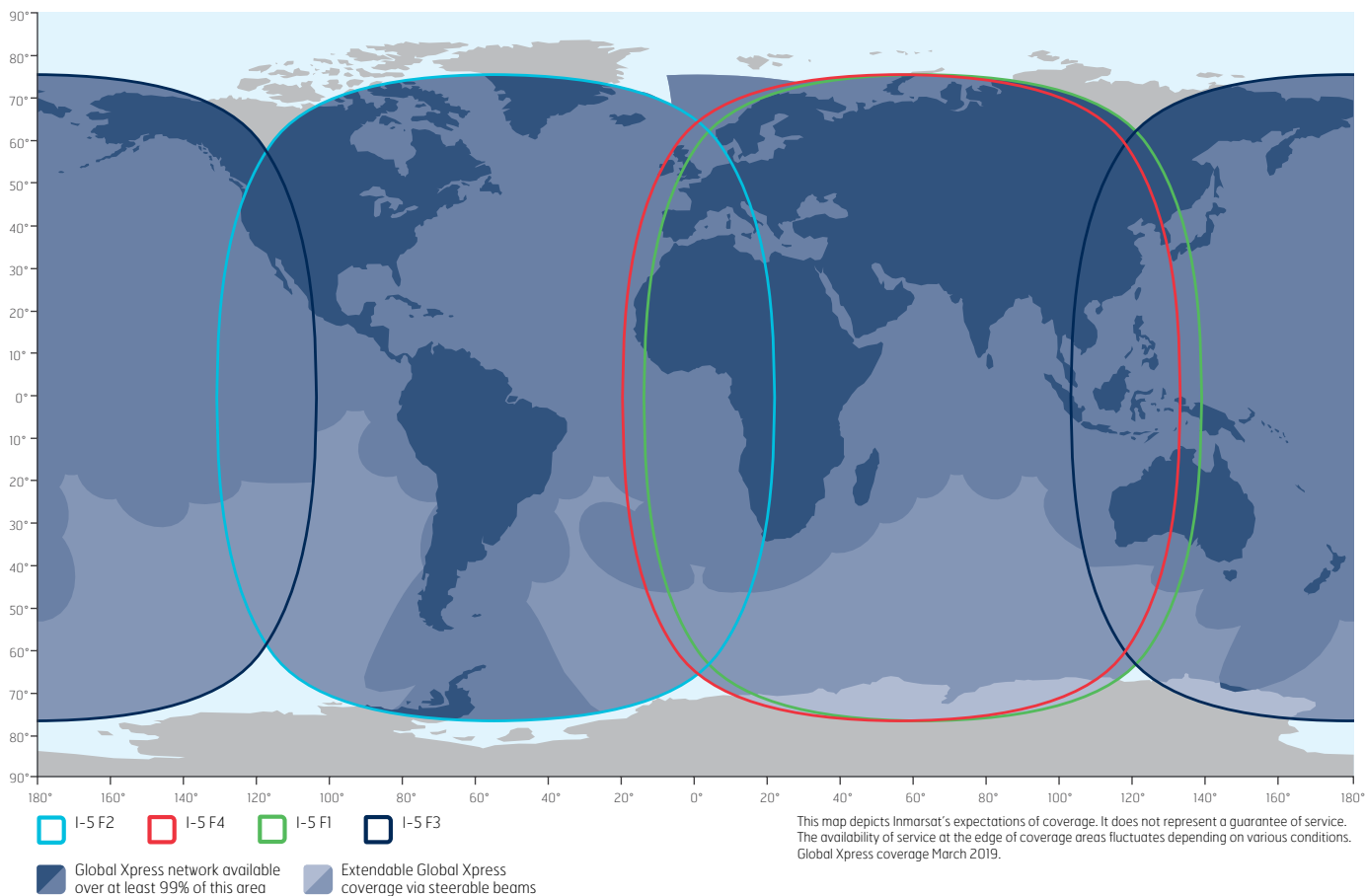
Built to fit

Inmarsat Global Government partner, Tesacom Argentina, had the relationships and local knowledge to be able to scope out the specific requirements for this challenging fit-out. Working closely with Inmarsat, they were able to design, install, commission and support a system that met the needs of the captain, as well as addressing crew welfare considerations for the team of naval cadets. Captain Adolfo Rodrigo Ureta said: **"With this equipment they live on board as they live ashore. They are always in contact with their families, using WhatsApp, cellphones, email – they are 24-hour connected."**

DELIVERING COMMUNICATION CERTAINTY



GLOBAL XPRESS COVERAGE



How Inmarsat delivers communication solutions for operational success?



Border Protection



Interoperability



Global Network



Controlled crew welfare



Intelligent Fleets

How to buy

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