



EXPLORER 8100GX receives Inmarsat Type Approval

Nov 22, 2017 15:00 GMT

## Cobham SATCOM: Unique Cobham Antenna Approved for Inmarsat Global Xpress

*EXPLORER 8100GX brings class-leading durability and a state-of-the-art stabilisation solution to Inmarsat Global Xpress users*

**Copenhagen, Denmark** – Cobham SATCOM has received Inmarsat Type Approval for operation of its technology-leading EXPLORER 8100GX 1 metre

antenna system on the Global Xpress satellite network. As the first Auto-Acquire, Drive-Away Antenna System for Global Xpress to employ unique Cobham SATCOM developed stabilisation technology, Inmarsat Type Approval means that EXPLORER 8100GX is now ready to ensure high link availability and reliability for a variety of users in diverse sectors from broadcasting to defence. The terminal is available now with the first order being shipped this week.

EXPLORER 8100GX differs from other antennas through its ability to maintain a link to the Global Xpress network in any conditions, even during violent storms with winds up to 112 km/h. The durable design and the antenna's unique Dynamic Pointing Correction (stabilisation) technology instantly reacts to any movement of the vehicle it is installed on, caused by i.e. high winds or people getting in or out. Without stabilisation, this movement can severely degrade the connection or result in complete loss of link, but with EXPLORER 8100GX, the user experiences continuous high-speed connectivity. Stabilisation is even more important on the High Throughput Satellite (HTS) Ka-band satellite networks such as Inmarsat Global Xpress and Telenor Thor 7, which require better pointing accuracy than Ku-band services to maintain a stable, high-bandwidth link to the satellite.

Announced in September 2017, the new EXPLORER 8100GX expands Cobham SATCOM's EXPLORER 8000 series, which already includes 1 and 1.2 metre antennas for global Ku-band satellite services and Eutelsat's Ka-band NewsSpotter service. Without the GX Core Module, the EXPLORER 8100GX system can be used as a generic 5W BUC Ka-band antenna Type Approved for the Telenor Thor 7 network. Understanding the need for flexibility and modularity in its portfolio, Cobham SATCOM also offers field conversion kits, allowing EXPLORER 8000 series antennas to be converted from Ku-band to Ka-band and to GX.

In addition to unparalleled Comms-On-The-Pause performance enabled by integral durability and ruggedness, and the inclusion of Dynamic Pointing Correction technology, the EXPLORER 8000 series also delivers further benefits. The industry-leading fast satellite acquisition with initial pointing achieved in less than four minutes makes getting connected to a satellite a quick and easy process.

*"We are delighted to receive Inmarsat Type Approval, which comes after extensive*

*testing to ensure that EXPLORER 8100GX is fully compatible with the Global Xpress network,” said Henrik Nørrelykke, Vice President, Global Sales & Marketing, Land Mobile, Cobham SATCOM. “EXPLORER 8100GX was added to the EXPLORER 8000 series to meet specific demand in the market from users looking for the highest reliability possible on Global Xpress. With Type Approval, we are now ready to provide this.”*

– ends –

## **Contacts:**

### **Cobham SATCOM**

Morten Rishøj

Director of Product Management, Land Mobile BU SATCOM

Tel +45 39558397

Email [morten.rishoj@cobham.com](mailto:morten.rishoj@cobham.com)

---

### **About Cobham SATCOM**

**Providing dependable communications and internet access anywhere under the most demanding conditions.**

Our satellite and radio communication terminals perform in the most challenging and remote environments on land, at sea and in the air.

We design and manufacture these high performance products under the AVIATOR, EXPLORER, SAILOR and Sea Tel brands providing customers with outstanding performance, value and support through our global sales and service network.

### **About Cobham**

## **The most important thing we build is trust.**

Cobham offers an innovative range of technologies and services to solve challenging problems in commercial, defence and security markets, from deep space to the depths of the ocean.

We employ around 11,000 people primarily in the USA, UK, Europe and Australia, and have customers and partners in over 100 countries, with market leading positions in: wireless, audio, video and data communications, including satellite communications; defence electronics; air-to-air refuelling; aviation services; life support and mission equipment.

The challenging and rewarding roles we offer, across a wide range of disciplines are what make Cobham a true global technology and services leader. To view our current roles visit [www.cobham.com/careers](http://www.cobham.com/careers)