



Cobham announces a new stabilised antenna for use on Inmarsat Global Xpress

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## Cobham SATCOM: Unique Stabilised Antenna System Coming for Global Xpress

*Ground-breaking technology guarantees the most stable link to Inmarsat's new generation satellite service enabling reliable, high definition live streaming and store and forward transmissions*

**IBC 2017, Amsterdam** – Cobham SATCOM has announced at IBC 2017 (stand

5.A18) that an Inmarsat Global Xpress (GX) variant of its state-of-the-art EXPLORER 8100 Stabilised, Auto-Acquire, Drive-Away Antenna System will be available for broadcast users before the end of this year. 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 solution.

Currently undergoing Inmarsat Type Approval testing, EXPLORER 8100GX features unique Dynamic Pointing Correction technology, which enables a high degree of pointing accuracy. It can adjust in milliseconds to compensate for the vehicle it is installed on rocking on its suspension, giving broadcasters the ability to transmit live, high definition multimedia without interruption from anywhere in the world and in almost any weather conditions.

The system ensures a stable link to the Global Xpress network in winds up to 112 km/h or when people enter and exit the vehicle. The unique stabilisation technology is even more important on the High Throughput Satellite (HTS) Ka-band frequencies used by Global Xpress, which require better pointing accuracy than Ku-band services to maintain a stable, high-bandwidth link to the satellite.

EXPLORER 8000 antennas offer unparalleled Comms-On-The-Pause performance, ensuring high-quality connectivity that is available even when other antennas would have lost their connection to the satellite. In the field, the EXPLORER 8000 series delivers availability of vital communications whatever the conditions, supported further by industry-leading fast satellite acquisition with initial pointing achieved in less than four minutes, making getting connected to a satellite a quick and easy process.

*“Cobham SATCOM already offers leading EXPLORER Fly-Away terminals for Inmarsat Global Xpress, and the introduction of EXPLORER 8100GX is the natural next step to expand our offering,”* said Henrik Nørrelykke, Vice President, Global Sales & Marketing, Land Mobile, Cobham SATCOM. *“With the technology already proven in the field, EXPLORER 8100GX offers the same unique Dynamic Pointing Correction provided by our other EXPLORER 8000 Drive-Away antennas, so journalists and production teams can be confident of the availability of a high bandwidth link to GX even when stepping in and out of the vehicle or in windy conditions.”*

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### 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)