



Cobham will demonstrate the ease of switching between services on EXPLORER 3075GX at NAB Show

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## Cobham SATCOM: Innovative Satcom Tech for Content Creators at NAB Show 2017

*Eutelsat approval for unique new stabilised VSAT antennas and live demonstrations of Inmarsat Global Xpress service*

**NAB 2017 (Booth #OE1302), Las Vegas** – NAB Show regular Cobham is bringing a host of innovative satellite communication technology to its booth

at the Las Vegas Convention Center this year, including its unique EXPLORER 8000 stabilised VSAT antenna systems, which are now approved for operation on Eutelsat's network, in addition to class-leading Inmarsat Global Xpress antennas and portable Inmarsat BGAN systems. Cobham's NAB Show booth has been designed to demonstrate the diverse EXPLORER portfolio's ability to provide high bandwidth and reliability for even the most demanding outside broadcast applications.

Leading the charge is the brand new 1.2 meter EXPLORER 8120 VSAT Auto-Acquire, Drive-Away Antenna System providing 'Comms-On-The-Pause' operation with high-speed connectivity and unmatched link stability, achieved due to the use of Dynamic Pointing Correction, a stabilisation technology unique to Cobham EXPLORER antennas. This sophisticated technology maintains a strong link to the satellite to allow for uninterrupted HD multi-media streaming or data transmission should the vehicle move on its suspension due to people getting in and out, high winds, earth tremors or percussive shock events such as e.g., the local use of heavy military ordinance. Cobham will demonstrate EXPLORER 8120 VSAT's high performance live on Network Innovations' Ku-band Maverick service during the NAB Show.

Along with the 1 meter EXPLORER 8100 VSAT system, EXPLORER 8120 VSAT has recently received approval for use on Eutelsat's network. This February, Eutelsat put both systems through intense performance testing, showing a class-leading less than 0.1° pointing accuracy. Wind Load Tests also put the EXPLORER 8120 VSAT ahead of the competition, with Eutelsat documenting its ability to provide a stable, high bandwidth link to the satellite in winds up to 57.5 mph which is more than 50% better than originally specified.

Cobham has developed an extensive range of antenna systems that provide the vital link from remote outside locations to the studio using a variety of networks. At the NAB Show, the company will demonstrate its solutions for customers choosing the Inmarsat Global Xpress service for outside broadcasting. The EXPLORER 5075GX and 3075GX will be demonstrated live, to show visitors how Inmarsat's new Global Xpress ka-band service and Cobham's Fly-Away antennas are the perfect match for high speed multi-media streaming and data transmission. To show the flexibility enabled by the modularity of the platform, Cobham will also demonstrate the ease of switching between services on EXPLORER 3075GX. Using a simple conversion kit, broadcasters can easily switch from Global Xpress to Network Innovations' Ku-band Maverick service and ViaSat Exede/Eutelsat's

NewsSpotter Ka-band services.

Also in focus for Cobham at the NAB Show is the established range of EXPLORER ultra-portable BGAN terminals, including EXPLORER 710 and EXPLORER 510, as well as more specialist solutions such as the EXPLORER 540 BGAN M2M, which with its brand-new LTE modem is the first dual-mode system of its kind for Internet of Things/Machine-to-Machine applications. The company's unique new EXPLORER MSAT-G3 Push-To-Talk system will also return to Las Vegas for the NAB Show, following a successful appearance at IWCE in March. EXPLORER MSAT-G3 is a unique co-development with Ligado Networks and ViaSat designed to provide highly available and cost-effective communication by integrating Land Mobile Radio (LMR) networks with IP-based L-band Mobile Satellite Services.

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**Editor's note:**

Cobham is exhibiting at NAB 2017: Booth # OE1302.

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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 is a leading global technology and services innovator, respected for providing solutions to the most challenging problems, from deep space to the depths of the ocean.**

We employ around 11,000 people on five continents, 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.

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