



The EXPLORER 8120 combines a larger antenna reflector with a unique Dynamic Pointing Correction system

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Cobham SATCOM - Satellite 2017: Cobham Showcases New 1.2m Stabilised VSAT at Satellite 2017

EXPLORER 8120 takes unique stabilisation technology of innovative EXPLORER 8100 and increases reflector size for more power and link stability

Washington, DC – Cobham will showcase its new, state-of-the-art 1.2 metre EXPLORER 8120 VSAT antenna system with unique stabilisation technology

at Satellite 2017 this week (booth #1701). The EXPLORER 8120 is an Auto-Acquire, Drive-Away Antenna System providing 'Comms-On-The-Pause' operation with high-speed connectivity and link stability for professional users from a wide range of industries including news & broadcasting, oil & gas and utilities management.

The EXPLORER 8120 combines a larger antenna reflector with the unique Dynamic Pointing Correction system introduced on the EXPLORER 8100, giving users the opportunity to enjoy even higher bandwidth and availability of service anywhere within the coverage area. The EXPLORER 8120 retains the unique ability to maintain a strong link to the satellite should the vehicle move on its suspension due to people getting in and out, high winds, earth tremors, and percussive shock events such as the local use of heavy military ordinance, for example.

While standard vehicle mounted VSAT antennas can lose connection to the satellite with even the slightest movement of the vehicle on its suspension, EXPLORER 8120 and 8100 can keep a strong link to the satellite, ensuring optimal connection at all times. Using unique Dynamic Pointing Correction technology inspired by Cobham's maritime stabilised VSAT antennas, EXPLORER 8120 offers the most reliable connectivity available in its class. The system works with most major satellite networks and is available in 3 Ku-band configurations; no BUC, 8W BUC and 20W BUC variants.

In addition to its unique stabilisation technology, the EXPLORER 8120's new, larger reflector dish provides for greater service availability and higher throughput across more of the satellite footprint, ensuring high reliability for fast connectivity and live HD video transmission from almost anywhere in the world. With 1 & 1.2 metre antenna systems now available with Dynamic Pointing Correction, Cobham SATCOM's diverse customer base can choose the antenna size most suited to the size and type of their vehicles.

The EXPLORER 8000 family has expanded further with the new 'High Power' 20W BUC option as well as a no BUC option for both the 1 and 1.2 metre antenna systems, both supplied by a 1000W ACU that caters up to 55W BUCs. This new Cobham designed solution integrates perfectly with EXPLORER VSAT technology to deliver seamless, reliable and high speed connectivity.

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Editor's note:

Cobham is exhibiting at Satellite 2017: Booth# 1701.

Contacts:**Cobham SATCOM**

Morten Rishøj

Director of Product Management, Land Mobile BU SATCOM

Tel +45 39558397

Email 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 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.