Boeing to Build Four Additional 702X Satellites for SES's O3b mPOWER Fleet

Expanded SES constellation to deliver enhanced global connectivity services

EL SEGUNDO, Calif., Aug. 7, 2020— Boeing [NYSE: BA] has received a contract to build four additional 702X satellites from SES as the leading global content connectivity provider increases the number of O3b mPOWER satellites in its Medium Earth Orbit (MEO) to 11.

These four additional O3b mPOWER satellites will enhance SES's next-generation MEO constellation throughput and efficiency as well as expand its unique capabilities to deliver connectivity services ranging from 50Mbps to multiple gigabits per second to a single user. The system will allow telecommunications companies, mobile network operators, governments, enterprises, aircraft and ship operators, and more, to connect with their core network or extend cloud access worldwide.

Boeing is currently building the first seven O3b mPOWER satellites for SES. The first set of satellites will be launched in late 2021.

"Our partnership with SES provides its customers with a major advantage in scale, service quality, and speed," said Chris Johnson, president of Boeing Commercial Satellite Systems. "We're grateful for SES's confidence in our team and our newest portfolio of 702X satellite systems, and for the opportunity to enable the connectivity end-users need to innovate, communicate and thrive."

SES' O3b mPOWER software-defined satellites are based on Boeing's multi-orbit 702X satellite portfolio, which employs Boeing's most advanced digital payload to date. The O3b mPOWER satellite constellation will integrate with existing network architectures to deliver global, end-to-end managed network services on land, sea and in the air.

Additionally, Boeing and SES have agreed to collaborate to develop commercially-based service offerings and capabilities that can be derived from current and future SES MEO satellites. Working together, the companies will develop resilient, interoperable MILSATCOM-COMSATCOM architectures to provide U.S. and other government users with robust connectivity across mission domains.

"As SES expands the O3b mPOWER constellation from seven to 11 satellites, Boeing and SES have agreed to collaborate to develop commercially-based service offerings and capabilities for the US Government." said Steve Collar, CEO of SES. "We have built our network around a multi-orbit, multi-frequency, high-throughput, flexible and open architecture increasingly of value to Government users. We are looking forward to the first launch of O3b mPOWER and excited to extend our partnership with Boeing,"

The 702X is a family of software-defined satellites that incorporates digital processors, advanced thermal management, optimized manufacturing technologies and simplified ground resource management tools. With thousands of beams that are formed in real time and can be pointed and shaped where needed, 702X allows operators the flexibility to specifically distribute power and bandwidth among users, maximizing useable capacity and eliminating wasted energy.

For more information on Boeing Defense, Space & Security, visitwww.boeing.com. Follow us on Twitter:@BoeingDefense and @BoeingSpace.

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