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News

For Immediate

Syntonics Now Taking Orders for Radio Range Extension System using Tethered Drone

COLUMBIA, MD. **May 11, 2016** . . . Syntonics LLC, a leading provider of advanced technology RF-over-Fiber products, is now taking orders for its newest radio range extension product: High Antennas for Radio Communications-Tethered Drone (HARC-TD).

The HARC-TD-50 model is a lightweight, expeditionary system that extends voice and data networks out to 38 km (20 miles) over elevated terrain and down into valleys and urban canyons, by flying the radio's antenna at 50 meters above ground level. HARC-TD-50 operates with any Ultra High Frequency (UHF) radio.

Lockheed Martin's proven Indago drone, modified for tethered flight, is the platform for the HARC radio range extension payload. Electrically powered via its tether, the drone can fly for hours using power supplied on the ground. The complete system can be backpacked or transported in its supplied transit case. Ground power can be universal AC, including generator power, or 12/24 Vdc from a vehicle's power system.

Orders for the HARC-TD-50 system are being taken starting at the 2017 Special Operations Forces Industry Conference (2017 SOFIC) in Tampa, Florida. Quotations can be obtained by contacting Syntonics (Sales@SyntonicsCorp.com) or one of our resellers. Orders committed by June and formally placed by July 30, 2017 are expected to deliver this year.

Syntonics' various HARC radio range extension products are available for most combat net radios and waveforms used by U.S. and allied militaries including the Soldier Radio Waveform (SRW), the Advanced Networking Wideband Waveform (ANW2), the Single Channel Ground and Airborne Radio System (SINCGARS), and AM/FM voice.

Syntonics provides advanced RF-over-Fiber systems and innovative RF technologies for military, civil, and industrial markets. FORAX™ ("Fiber Optic Remote Antenna eXtension") RF-over-Fiber systems are deployed around the world in 24x7 mission critical operations. FORAX-HARC radio range extension systems have been deployed since 2011 in the U.S. Central Command's Area of Responsibility.

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