

Comtech Announces COMET – The World’s Smallest Over-The-Horizon Microwave Terminal – Receives Initial Order for the U.S. Special Operations Command

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BY COMTECH SYSTEMS**

MELVILLE, N.Y.–([BUSINESS WIRE](#))–June 2, 2020–Comtech Telecommunications Corp. (NASDAQ: CMTL) announced today, that during its third quarter of fiscal 2020, its Orlando, Florida-based subsidiary, Comtech Systems, Inc., which is part of Comtech’s Government Solutions segment, has introduced the Comtech COMET, the world’s smallest over-the-horizon (“OTH”) microwave troposcatter terminal. In connection with the introduction, Comtech received an initial contract award for production terminals from ADS, Inc. to be used by a U.S. Military end-customer.

[COMET](#), which stands for Compact Over-the-horizon Mobile Expeditionary Terminal, is the world’s first rapidly deployable, low power, airline checkable, OTH microwave troposcatter terminal. Troposcatter technology have long been associated with large antennas and high-power amplifiers that require kilowatts of prime power and large trucks to transport them to the field. The COMET has fundamentally changed this paradigm.

Fred Kornberg, Chairman of the Board and Chief Executive Officer of Comtech Telecommunications Corp. stated, “We are extremely pleased by this first order of the Comtech COMET, for use by U.S. SOCOM and we expect significant orders in the future from both U.S. military and international customers. This product introduction, which has been years in the making, is a testament to our engineering prowess and we believe the Comtech COMET will quickly become a much-needed communications tool for today’s warfighter.”

The Comtech COMET is a medium range (up to 60 km), high bandwidth (up to 210Mb/s), communications terminal that fills a void in distances that have long been desired by tactical communications planners. It uniquely addresses the SOCOM community’s concern of low probability of intercept and low probability of detection (“LPI/LPD”), while providing high reliability, mission essential communications. The key attributes of the Comtech COMET are:

- Easily transported in two airline checkable cases.
- Rapidly setup by one person in less than 15 minutes.
- Operates in the 4.4 to 5.0 GHz. Band.
- Extremely low prime power requirements (< 120 Watts) enable operations from a vehicle, battery, or solar with battery backup.

- Highly directional Antenna and Low Transmit Power satisfying Low Probability of Intercept (“LPI”) and Low Probability of Detect (“LPD”) requirements.
- Operates on the ground with a minimal equipment footprint, unlike Line of Sight (“LOS”) microwave radios which often require a mast or tower.
- Offers high data rate communications over obstructed paths due to man-made objects, trees, or terrain; critical when erecting a tower/mast for traditional LOS which may not be feasible due to location, cost, or time.

The foundation of the Comtech COMET is the CS67PLUS Troposcatter Radio, the first software-defined adaptive troposcatter radio packaged in a compact IP66 sealed module, capable of all-weather operations in harsh climates. The radio is MIL-STD 461 EMI compliant and MIL-STD 810G environmentally compliant. The radio uses diversity combining receivers to detect and recover signals below -100dBm in a Rayleigh fading environment. Other key features include Adaptive Code Modulation (“ACM”) and Automatic Link Power Control (“ALPC”) to further reduce RF signature and enhance throughput. Given that the CS67PLUS is frequency agile between 1.8GHz and 6GHz, the Comtech COMET can be adapted for use in frequency bands within this range.

Comtech Systems, Inc. (www.comtechsystems.com) specializes in system design, integration, supply and commissioning of turnkey communication systems including over-the-horizon microwave, line-of-sight microwave, and satellite.

Comtech Telecommunications Corp. designs, develops, produces and markets innovative products, systems and services for advanced communications solutions. The Company sells products to a diverse customer base in the global commercial and government communications markets.

Certain information in this press release contains statements that are forward-looking in nature and involve certain significant risks and uncertainties. Actual results could differ materially from such forward-looking information. The Company’s Securities and Exchange Commission filings identify many such risks and uncertainties. Any forward-looking information in this press release is qualified in its entirety by the risks and uncertainties described in such Securities and Exchange Commission filings.