



May 11, 1999

## **Comtech Telecommunications Corp. Announces New "Turbo" Codec Forward Error Correction for the Model CDM - 550 Digital Satellite Modem**

Melville, New York - May 11, 1999 - Comtech Telecommunications Corp. (Nasdaq: CMTL) announced today a significant innovation in Forward Error Correction (FEC) technique, Turbo Codec, as an option for the Model CDM-550 Digital Satellite Modem offered by its Arizona operating unit, Comtech Communications Corporation (CCC).

The Turbo Codec provides the user of the CDM-550 Modem with the ability to save both bandwidth and power while getting the desired bit error rate performance in SCPC, MCPC or DAMA telecommunication applications. The Turbo Codec uses only 60% of the bandwidth of a comparable rate  $\frac{1}{2}$  Viterbi and Reed-Solomon concatenated coding scheme.

Fred Kornberg, President and CEO of Comtech, stated "this innovation in coding allows the telecommunications provider with the ability to send up to 40% more data in existing satellite transponders without an increase in cost. This once again indicates Comtech's leadership in digital satellite modem design and our dedication to provide the modem user with the very latest in technological advances. The Turbo Codec will provide telecommunication providers with a new tool to expand existing networks that are power limited and to make the maximum use of the new, high powered satellites."

Comtech Communications Corp. manufactures a broad spectrum of Frequency Up and Down Converters, Solid State Power Amplifiers, Satellite Modems and Satellite Transceivers that meet or exceed the standards published by Intelsat, Eutelsat, Insat, AsiaSat and other worldwide and regional satellite networks. Please visit the website at <http://www.comtechedata.com> for more information on CCC products.

Comtech Telecommunications Corp is a broad based manufacturer of state-of-the-art solid state high power amplifiers and high technology satellite, troposcatter and wireless local loop telecommunication products and systems for commercial and government applications.