



Globalstar, Inc.
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www.globalstar.com

GLOBALSTAR CERTIFICATION DETAILS

Globalstar Certificate Number	: GS-10-STM3-01 (Issue No 001, 28-Aug-2010)
Globalstar Simplex Transmitter Unit (STU)	Manufacturer Comtech Mobile Data Corp.

MOBILE EARTH STATION (MES) FUNCTIONAL DETAILS

Frequency (MHz)	: 1610.00 to 1620.00
Conducted Power (Watts)	: +18 dBm +/- 2dBi
Antenna Characteristics	: 10° to 90° in Elevation
Antenna	: Internal Ceramic Patch, max +5 dBi Gain
Emission Designator	: 2MS0G1D
Data Rate	: 100.04 bps

ENVIRONMENTAL CONDITIONS

Temperature Range	: -30C to +60C Operating, -40C to +85C Storage
Power Requirements	: 3.3VDC +/- 5%, up to 250mA

MES GLOBAL STANDARDS (Details are available from manufacturer)

FCC	: Certified Part 15 Class B and Part 25, FCC ID UQR-CMDCSTM3
Industry Canada	: ICES-003/B and RSS 170 #8863A-CMDCSTM3

Note that the FCC and IC certifications for this Simplex Transmitter Unit (STU) were carried out on the transmitter by itself without any enclosure, GPS, or other processors or electronics. Separate FCC/IC/CE regulatory certifications and Globalstar Certification must be obtained for each Remote Telemetry Unit product which uses this STU, or for any other instance in which the STU is incorporated into an enclosure or combined with a processor or GPS receiver, or a different antenna.

These details form part of the Globalstar Certification letter dated **28 August 2010** and this summary is issued in accordance with any conditions therein. This device is **Certified** for and on behalf of Globalstar, Inc.

Signed:

Date: 28 August 2010


Joseph C. Crowley
Manager, Advanced Products & Services



Certification No. GS-10-STM3-01

Globalstar Certificate of Conformity

Simplex Transmitter Unit (STU) – CMDC STM3 Transmitter

Comtech Mobile Data, Corp. (CMDC), the manufacturer of a Globalstar Simplex Transmitter Unit (STU), identified as **CMDC STM3**, has submitted test data and attestations which demonstrate that the said STU model, when operating in the environmental conditions set forth by Globalstar, Inc. ("Globalstar"), meets the applicable technical requirements for use with the Globalstar Satellite Communications System, as issued by Globalstar, in the document entitled Remote Telemetry Service VAR and Product Certification Manual.

Globalstar has evaluated the submitted information and has conducted its own independent tests, to confirm that said STU is compliant with Globalstar requirements.

Comtech Mobile Data, Corp. has certified that the tests have been conducted in accordance with procedures approved by Globalstar and that all manufactured units of the same type will meet the technical requirements in a similar manner to the unit subjected to test. Summary details of the **CMDC STM3** are documented in its formal Globalstar Certification Details certificate. Further information is available directly from the manufacturer.

Globalstar does hereby certify that the Simplex STU model identified herein is acceptable for use with the Globalstar Satellite Communications System as of the date of this Certificate.

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By:

A handwritten signature in black ink, appearing to read "Joseph C. Crowley".

Name:
Title:

Joseph C. Crowley
Manager, Advanced Products & Services

Certification Date: 28 August-2010

1. This certificate does not authorize the operation of the Globalstar Simplex Transmitter Unit (STU) model in the Globalstar System. Such authorization requires registration and activation in accordance with procedures established by Globalstar.
2. The operation of the Globalstar Simplex STU model may be subject to additional national licensing requirements beyond what is listed in this certificate. The manufacturer, reseller, and/or the user are responsible for any required regulatory certifications and business licenses.
3. This certificate is not a warranty. Globalstar hereby expressly disclaims any and all liability arising out of or in connection with the issuance, use, or misuse of this Certificate and/or the STU model.
4. Any subsequent changes to the model number, the hardware and/or the software version will require notification of, and approval by, Globalstar, Inc. prior to use on the Globalstar network. Globalstar may require re-certification of the STU model at any time.