



GE MDS

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Sept 23 rd, 2008

FEDERAL COMMUNICATIONS COMMISSION

7435 Oakland Mills Road
Columbia, MD 21046
U.S.A.

Subject: FCC, PC2 description to the Mercury, creating the Mercury MAX

Applicant: Microwave Data Systems Inc.

Product: MDS Mercury transceiver

FCC ID: E5MDS-Mercury900

Dear Sir/Madam,

GEMDS is requesting a Permissive class 2 change, to the MERCURY transceiver.

We have taken the MERCURY900 transceiver and mounted a digital circuit board piggy backed on top of the MERCURY900 RF board.

This circuit board has a microprocessor and other connections on it. The RF circuitry on the initial MERCURY RF board has NOT changed at all. The RF circuitry is identical to the approved FCC version.

The GPS and some digital circuits were moved from the RF bottom initial Mercury PCB, to a new multifunction piggy backed board. This now will have some new connectors on the faceplate.

This is called the "MERCURY MAX". We will continue to sell the original Mercury, this is just an IP enhanced version per some customer requests. We would like to use the same FCC ID since the RF hardware has not changed.

This version was not initially tested when the Mercury was tested and approved.

If you have any queries, please do not hesitate to contact me at 585 242-8440:

Yours truly,

Signed:  Name: Dennis McCarthy

Dennis McCarthy

Agency Compliance Engineer

Microwave Data Systems

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