Microwave Data Systems Inc., 175 Science Parkway, Rochester, NY 14620 U.S.A.
General Business +1 (585) 242-9600, FAX +1 (585) 242-9620

This addendum contains corrections to the MDS TRANSNET EL805 User's Guide MDS P/N 05-2873A01, published in March 2002. The **Bolded text** below indicates new or revised material. You may wish to make these pen & ink changes directly to your manual or include a reference to this addendum in the appropriate sections.

ITEM 1—RF Exposure Notice

The following statement replaces the text under RF Exposure notice

The radio equipment described in this guide emits radio frequency energy. Although the power level is low, the concentrated energy from a directional antenna system may pose a health hazard. Do not allow people to come closer than 23 centimeters (9.05 inches) to the antenna when the transmitter is operating in indoor or outdoor environments. More information on RF exposure is available at www.fcc.gov/oet/info/documents/bulletins.

ITEM 2—Approvals

UL approval has been granted to the TRANSNET transceiver, provided it is used with an MDS-supplied locking DC power connector. Contact MDS for additional information or upgrade instructions.

ITEM 3—Internal Fuse Replacement

Reverse polarity will *not* cause the transceiver's fuse to blow.

ITEM 4— Antenna Feedline Selection

When using RG-214 feedline with an MDS-supplied omni-directional antenna, the following cable lengths and appropriate cable loss must be adhered to maintain compliance with the FCC maximum limit of +36dBi.

Example, a 3 meter length of RG-214 will loose 1 dB at 928Mhz, thus the 5dBd (7dBi) antenna tested for this application was 3.1 meters.

Antenna spec.(dBd)	Antenna Gain (dBi)	Minimum Cable Loss (dB)	Max +36dBi
Unity	2.15	1.0 (3 meters)	+31.15dBi
3 dBd	5.15	1.0 (3 meters)	+34.15dBi
5 dBd	7.15	1.2 (3.1 meters)	+35.95dBi

In no case shall the user allow the EIRP of the TransNet installation to exceed 36 dBi

End of Document