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This addendum contains corrections and additions to the MDS TransNET 900 Installation Guide (MDS P/N 05-2708A01, Rev. A) 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—Command Changes

Page 19, Data Buffer Setting: Default setting is **OFF**.

Page 25, **BUFF [ON, OFF]**: Default setting is **OFF**.

Page 26, **CTSHOLD [0-6000]**: Should read **CTSHOLD [0-60000]**.

Page 28, **RSSI** description: Change reference to minimum output range from "-50 dBm" to "**-40 dBm**."

Page 30, **SKIP [NONE, 1...8]** description: Delete text reference to "128 frequency."

Page 31, **TX [xxxx]** description: Default Transmit Frequencies are Master—902.200 MHz, Remote—927.800 MHz.

## ITEM 2—Table 8. Alarm Codes, Page 34

For Alarm Code 30, delete second sentence that reads "Bit errors are likely to be present in the data."

## ITEM 3—Internal Fuse Replacement, Page 35

Reverse polarity will *not* cause the fuse to blow.

## ITEM 4—Technical Specifications, Page 38

Change Temperature Range from "-30C to +60C" to "**-40 to +70C**."

Change Current Draw (Receive) rating from "125 mA @ 13.8 Vdc" to "**100 mA @ 13.8 Vdc**."

Delete "TTL/" reference.

Change Data Latency from "10 ms typical" to "**7 ms typical**."

## ITEM 5—Table 10. Data connector pin descriptions—RS/EIA-232, Page 40

Delete entire text description for Pin 9 and replace with "**Not Used.**"

## ITEM 6— Table 11. Data connector pin descriptions—RS/EIA-232, Page 41

Change table title to "Data connector pin descriptions—RS/EIA-**485**."

In Pin 2 description, change heading from "RXD/Y" to "**RXD/+**." Also, replace the words "Non-inverted driver output" with "**non-inverted receive data**."

In Pin 3 description, change heading from "TXD/A" to "**TXD/+**." Also, replace the words "Non-inverted receiver input" with "**non-inverted transmit data**"

In Pin 7 description, change heading from "RTS/B—Request-to-Send" to "**TXD/-**." Also, replace the words "Inverted receiver input" with "**Inverted transmit data**."

In Pin 8 description, change heading from "CTS/Z—Clear-to-Send" to "**RXD/-**." Also, delete all descriptive text and replace with "**Inverted receive data.**"

## ITEM 7— New PORT Command

The transceiver's DATA port configuration (RS-232 or RS-485) may be read by entering the **PORT** command. The port may be configured for RS-232 or RS-485 operation using the following commands:
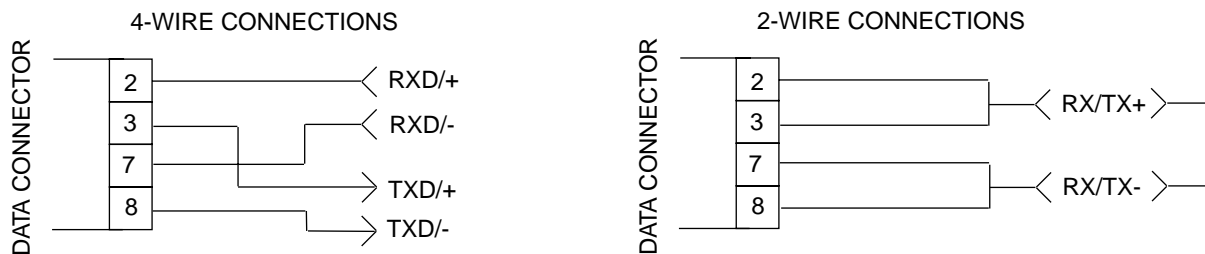
**PORT RS232**—RS-232 operation
**PORT RS485**—RS-485 operation

## ITEM 8— Wiring for RS-485 systems

When wiring the transceiver's DATA connector for RS-485 2-wire or 4-wire operation, use one of the following arrangements :

4-WIRE CONNECTIONS

DATA CONNECTOR

| 2 | RXD/+ |
| 3 | RXD/- |
| 7 | TXD/+ |
| 8 | TXD/- |

2-WIRE CONNECTIONS

DATA CONNECTOR

| 2 | RX/TX+ |
| 3 | |
| 7 | RX/TX- |
| 8 | |

## ITEM 9— Antenna & Feedline Selection, Page 9

Currently, the transceiver is only authorized for use in the USA with an *MDS Clearwave* antenna, Part Number 97-3662A13 and a 3-meter feedline. Check with MDS for the status on additional approvals that are pending.

*End of Document*