Exhibit J: Users Manual
**World Telemetry, Inc.**
DataGate WTDG0901

world
telemetry

DataGate
base station

Application:

The DataGate may be located either indoors or quickly installed outside next to the phone box with optional NEMA 4X enclosure. It receives and stores each transmission from all of the DataLinks within range for which it is programmed to listen. The DataGate calls the DataCenter transmitting all tank levels, temperatures, and alarm data received since the previous call. This allows for centralized remote asset management for delivery optimization, risk mitigation, and data trend analysis. Sixteen character two line display provides customer with tank level information and outside temperature.

Model Number: WTDG0401
WTDG0901
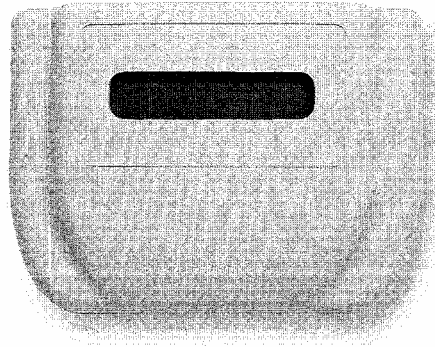
Features:	Benefits:
Local ISP Calls to DataCenter	Does not require dedicated phone line
Programmable call windows	Data updates are customer driven
Battery Operated	No Wall Adapter
Ambient Temperature	Home or office temperature alerting
Store and Forward	Store 2000 reads
20 programmable setpoints	Automatic call-in upon threshold setpoints
Aggregates up to 50 DataLinks	Minimize per tank cost
Integrated Display	Local Level and Outdoor Temperature

Wireless:

· Battery Operated
· 434 or 915 Mhz Transceiver Based Technology
· Approximately 1.5KM Line of Site Communication
· Small elegant design (5.5"x4"x1.4")
· Simple Installation
· 128 bit End to End Data Encryption

Certifications:

United States - UL 60950
Canada - CSA 60950
FCC Part 15 Part 68
Europe - EN 60950
CE

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1 Introduction

This manual describes how to install, test, and service the World Telemetry, Inc (WTI) DataGate. The DataGate is part of the WTI Level Monitoring System that also includes the DataLink and Insight Data Collection System.

This guide does not include how to install, test, maintain, or troubleshoot the DataLink or Insight Data Collection System. Refer to these products' respective instruction manuals.

2 Product Overview

2.1 Description

The WTI DataGate is a transceiver that contains a database of DataLink information and transfers data over telephone lines to the Insight Data Management System at preset call intervals and in response to alarm conditions.

The DataGate is preprogrammed with a factory serial number.

2.2 Product Markings

Included on the housing of the DataGate are labels that contain important information about the product.

Fig. 1 DataGate North American Label Product Markings

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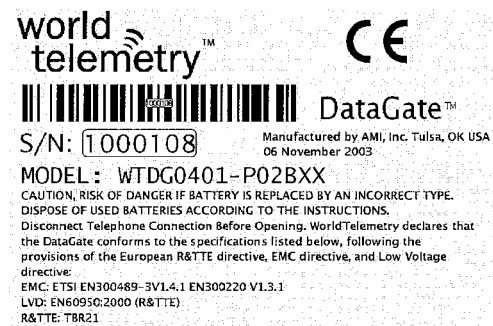TULSA, OKLAHOMA

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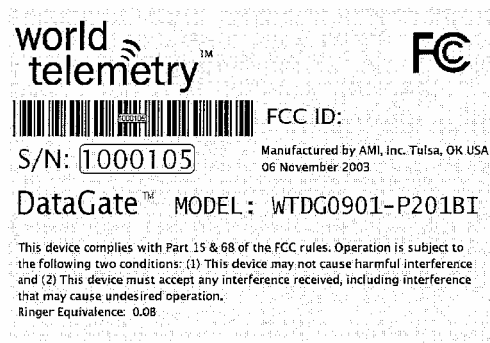
Fig. 2 DataGate European Label Product Markings

world telemetry™ CE

DataGate™

S/N: 1000108   Manufactured by AMI, Inc. Tulsa, OK USA
06 November 2003

MODEL: WTDG0401-P02BXX

CAUTION, RISK OF DANGER IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.
Disconnect Telephone Connection Before Opening. WorldTelemetry declares that
the DataGate conforms to the specifications listed below, following the
provisions of the European R&TTE directive, EMC directive, and Low Voltage
directive:
EMC: ETSI EN300489-3V1.4.1 EN300220 V1.3.1
LVD: EN60950:2000 (R&TTE)
R&TTE: TBR21

2.2.1 Serial Number Field

This field displays the seven character alphanumeric I.D. that uniquely identifies the DataGate to the WTI data center. This number is programmed into the unit and remains resident in the memory of the device even if the battery is removed. This number can only be reprogrammed by WTI. The serial number is also bar coded for easy reading with bar coding devices.

2.2.2 Model Number Field

This field displays the current model number and revision of the device. Please be sure to identify this number when contacting service or technical support personnel.

2.2.3 FCC I.D., Logo, and Text Field

The FCC requires certification information and identification to appear on product labels. See Section 2.5.1 for more information on FCC certification.

2.2.4 Manufacturing Location and Date

This field identifies the location and date of manufacturing of the product.

2.3 Operation

The DataGate consists of a plastic housing with a 16x2 LCD, two RJ-11 connectors and a wake-up momentary button.

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The DataGate is transceiver based and can communicate with up to three (3) DataLinks operating on battery power for up to six (6) years.

The DataGate is powered by two replaceable 1.5-Volt AA batteries that are designed to provide at least six (6) years life in normal service.

2.4 Environmental Specifications

The following environmental specifications should be observed when installing the DataGate:

- Operating Temperature Range: -10°C to +70°C (14°F to +158°F)

2.5 Certifications

2.5.1 FCC Notice – Radio Frequency Communications

The DataGate generates and uses radio frequency energy. If not installed and used in accordance with manufacturer's instructions, it may cause interference to radio and television reception. The DataGate has been tested and found to comply with the specifications in Part 15 of Radiators and FCC Rules for Class B Computing Devices.

CAUTION: WTI does not support field changes or modifications to any of the DataGate monitoring equipment unless they are specifically covered in this manual. All adjustments must be made at the factory under the specific guidelines set forth in our manufacturing process. Any modification to the equipment will void the manufacturer's warranty and could void the user's authority to operate the equipment and render the equipment in violation of FCC Part 15.249.

This device complies with Part 15 and 68 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation. Ringer Equivalence 0.0B.

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3 Installation

Please ensure that the DataGate and any accompanying DataLinks have been set up in the World Telemetry database prior to installation.

1. Locate an analog phone line.

2. Unpack the DataGate from the box and locate the two (2) phone jacks on the back side of the DataGate. Plug one end of the phone cord into either of the two (2) phone jacks (the other jack may be used to connect a standard analog phone, if desired). Plug the other end of the phone cord into the phone jack on the wall.

    Warning: Only connect the DataGate into an analog phone system. Connecting to a digital phone system may damage the DataGate board.

3. Press and hold the wake-up button located next to the phone jacks for five seconds. This will launch the DataGate into "Learn Mode". "Learn Mode" will be displayed on the LCD with a 15 minute countdown to synchronize with the DataLink.

    To increase the time of "Learn Mode", hold the button in again for an additional five seconds. Each time this is done, the "Learn Mode", time will increase 15 minutes.

4. While in "Learn Mode", the DataGate will dial the WTI data collection system ("Dialing" will be displayed on the LCD).

5. While in " Learn Mode", the DataGate will auto detect to determine if the phone requires a dial prefix (8 or 9) and if it supports tone or pulse service.

6. When the DataGate has successfully dialed the WTI data collection system and successfully synchronized with the DataLink, the LCD will automatically display DataLink information (DataLink serial number, level, RF signal strength, outdoor temperature, battery voltage, time and date stamp) while in "Learn Mode".

    To display DataLink information when the DataGate is not in "Learn Mode", simply press and release the wake-up button. The DataGate will then display the information from each DataLink with which it has successfully communicated.

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3.1 RF Site Guidelines

The DataGate contains sensitive measurement circuitry and a radio transmitter.

- Direct line-of-sight between the DataGate and the DataLink will provide optimum radio reception. Direct line-of-sight can be defined as very little or NO obstructions between the DataGate and the DataLink.

- **Every application is different!** There is no absolute reception distance for all applications. Since the surrounding environment varies with every application, the radio signal will be affected differently in each environment.

- WTI's testing has demonstrated a consistent success at a distance of approximately 1500 feet (457 meters) in moderately cluttered environments (i.e., residential locations) to approximately 500 feet (152 meters) in extremely cluttered environments (i.e., industrial or commercial applications).

- The more obstructions between the DataGate and the DataLink, the greater the decrease in signal strength.

- Electrically conductive objects such as metal buildings, concrete reinforcement rods, tanks, silos, and vehicles reflect radio signals. Metal objects between the DataGate and DataLink may reflect and scatter the radio signal.

- Objects which are not electrically conductive such as wooden or fiberglass buildings, un-reinforced masonry, trees, plastic, and glass have less effect on radio signals than metal objects.

- Windows and wooden doors can provide radio signals access into otherwise closed metal buildings. However, "low-E" window glass may have a thin metallic coating, which can reflect radio signals.

- Strong electromagnetic fields such as those found in close proximity to power lines, large electric motors, generators, electric fences, **computer monitors**, welders, and monitor antennas may interfere with radio signals.

- The DataGate should be mounted as high as is reasonably possible to improve its ability to receive radio signals. For example, placing the DataGate on a high shelf would be preferable to setting the unit on a floor near ground level. Installing it on the second floor of a two-story structure would be more favorable than installing it on the ground floor. Installing the DataGate in an underground basement should be avoided.

- On buried tank applications, it may be necessary to keep the DataLink out of domes where possible to prevent flooding and to increase signal strength.

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3.2 Handling Guidelines

The DataGate contains sensitive measurement circuitry and should be handled carefully. Do not throw or drop the DataGate. Do not attempt to disassemble the DataGate except as described in section 4.

3.3 Site Survey

Appendix 5.1 contains a Site Survey Form, which should be completed by the installer.

Supply the following information:
- Date of Installation
- Installed by
- Customer's Name
- Company Name
- Customer ID
- Contact Number
- DataGate serial number
- DataLink serial number
- Tank ID
- Tank Size
- DataGate call in frequency
- DataLink reporting frequency
- Tank Level Set Points
- Notification Alert Information

4 Servicing

4.1 Battery Replacement

CAUTION, RISK OF DANGER IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS. Disconnect Telephone Connection Before Opening. If it becomes necessary to replace the battery in the DataGate, follow these steps:

1. Disassemble the DataGate by removing the 4 self tapping screws on the bottom of the enclosure
2. Replace the 2 batteries with 2 Duracell Ultra Alkaline 1.5 Volt AA batteries
3. Reassemble the enclosure

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4.2 Warranty

This warranty is extended by World Telemetry, Inc. (seller) solely to the original purchaser of its product(s).

If a World Telemetry, Inc. product fails to function properly because of a defect in materials or workmanship under normal use and maintenance within the earlier of twelve (12) months after being put in service or fifteen (15) months from the date of invoice, we will, at our option and after inspection, repair or replace the defective product or refund the purchase price. Warranties on goods sold but not manufactured by the seller are expressly limited to the terms of warranties of the manufacturer of such goods. In order for this warranty to apply, purchaser must ship the allegedly defective product or product not conforming to specifications to World Telemetry Inc., transportation costs prepaid, along with an explanation. Seller agrees to pay return freight charges, not exceeding the lowest rail or truck rate which would apply from the original destination, on all defective material, or material not meeting specifications. However, Seller shall not be obligated for such charges when material returned proves to be free from defect and to meet specifications. Seller's liability shall be limited solely to the replacement or repair or to refunding the purchase price applicable to the defective material or material not meeting specifications. Seller shall not be liable for any consequential damages nor any loss, damages, or expenses directly or indirectly arising from the use of the material.

This warranty shall not apply and World Telemetry, Inc. shall have no liability with respect to any product which has been altered, damaged, misused, abused, improperly installed or repaired, or repaired with parts not supplied by World Telemetry, Inc.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES (EXCEPT OF TITLE); EXPRESS, IMPLIED, OR STATUTORY, INCLUDING IMPLIED WARANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER MATTER. THE REMEDY DESCRIBED ABOVE IS THE SOLE AND EXCLUSIVE REMEDY, AND OUR SOLE OBLIGATION, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING OUT OF THE MANUFACTURE, SALE, OR USE OF OUR PRODUCTS. WE WILL IN NO EVENT BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY NATURE.

SOME STATES DO NOT ALLOW LIMITATION OF IMPLIED WARRANTIES, OR INCIDENTAL, OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH MAY VARY FROM STATE TO STATE.

THESE PROVISIONS CAN BE MODIFIED ONLY BY A WRITTEN INSTRUMENT, WHICH CLEARLY SPECIFIES THE MODIFICATION AND IS SIGNED BY ONE OF OUR COMPANY OFFICERS.

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4.3 Unit Disposal

The U.S. Environmental Protection Agency regulates the disposal of waste products in the United States. The EPA Regulations are listed in the "Code of Federal Regulations", CFR40, entitled "Protection of Environment". Individual states and local communities also may establish regulations covering the disposal of waste products. These may be more stringent than the federal regulations and may cover the disposal of household waste, which is not included in the federal regulation. Thus, state and local agencies should be contacted for their disposal guidelines.

The plastic parts of the external housing unit may be marked for recycling purposes. An approved battery-recycling center must dispose of the battery.

4.4 Service and Technical Support

For service and technical support, contact World Telemetry, Inc. at (888) 283-8730.

5 Appendix

5.1 Site Survey Form

Date of Installation: _____/_____/_____   Installed By: _____

Customer's Name: _____   Company Name: _____

Customer ID: _____   Contact Number: _____

Tank Information:

DataGate Serial # __ __ __ __ __ __   Tank ID: _____

DataLink Serial #__ __ __ __ __ __ __ __ __   Tank Size: _____

                                              Gauge Dial Used: _____

DataGate call in frequency: ____Hourly ____Daily ____Weekly

DataLink reporting frequency: ____Hourly ____Daily ____Weekly

Tank Level Set Points: _____%, _____%, _____%   Temp Set Points: High_____° F
                                                                      Low _____° F

<u>Notification Alerts:</u>

Fax Notification # _____ ____   Day & Time of Fax: _____

Please alert me to the following:

_____ All Tank Levels   _____ Set Points   _____ Temp Set Points
                                                                      (If applicable)

Email Notification Address: _____   Day & Time of E-mail: _____
(For pager or cell phone notification, please enter the email address provided by your service provider)

Please alert me to the following:

_____ All Tank Levels   _____ Set Points   _____ Temp Set Points
                                                                      (If applicable)

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