Exhibit J: Users Manual
World Telemetry, Inc.
DataLink WTDL0901

world telemetry

DataLink Instruction Manual

For use with Models

WTDL0901-PG1ECI North America
WTDL0401-PG1ECI UK

Notice

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1　Introduction

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

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

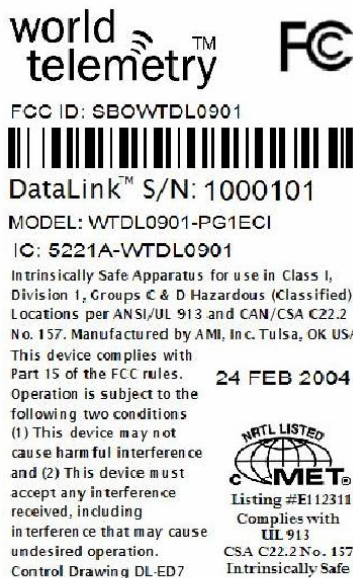# 2　Product Overview

2.1　Description

The WTI DataLink is a transceiver that detects level, temperature, and low battery conditions. The DataLink broadcasts this information to the WTI DataGate.

The monitor is preprogrammed with a factory serial number. No field programming of the DataLink is required.

2.2　Product Markings

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

Fig. 1 DataLink North American Label Product Markings

world telemetry ™　FC

FCC ID: SBOWTDL0901

DataLink™ S/N: 1000101

MODEL: WTDL0901-PG1ECI

IC: 5221A-WTDL0901

Intrinsically Safe Apparatus for use in Class I, Division 1, Groups C & D Hazardous (Classified) Locations per ANSI/UL 913 and CAN/CSA C22.2 No. 157. Manufactured by AMI, Inc. Tulsa, OK USA This device complies with Part 15 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. Control Drawing DL-ED7

24 FEB 2004

NRTL LISTED
cMET
Listing #E112311
Complies with
UL 913
CSA C22.2 No. 157
Intrinsically Safe

WARNING: TO PREVENT IGNITION OF A HAZARDOUS ATMOSPHERE, BATTERY MUST ONLY BE CHANGED IN AN AREA KNOW TO BE NON- HAZARDOUS.

WARNING – SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY.

ADVERTISSEMENT: AFIN DE PRÉVENIR L'INFLAMMATION D'ATMOSPHÈRES DANGEREUSES, NE CHANGER LE BATTERIE QUE DANS DES EMPLACEMENTS DÉSIGNÉS NON DANGEREUS.

ADVERTISSEMENT: LA SUBSTITUTION DE COMPOSANTS PEUT COMPROMETTRE LA SÉCURITÉ INTRINSEQUÈ.

CAUTION: Replace battery only with WTI part no. WTAPXX01-B1XXXX.

INTRINSICALLY SAFE DEVICE / SÉCURITÉ INTRINSÈQUE　Exia

Use mild soap, water and a cloth to remove dirt and grime from the DataLink and the product label. Ambient Temperature Range –40C to +80C Temperaure Code T4 Enclosure Rating IP67 See Instruction Manual DL-TD3 for installation.

Front Label　　　　　Back Label

Fig. 2 DataLink European Label Product Markings

Front Label   Back Label
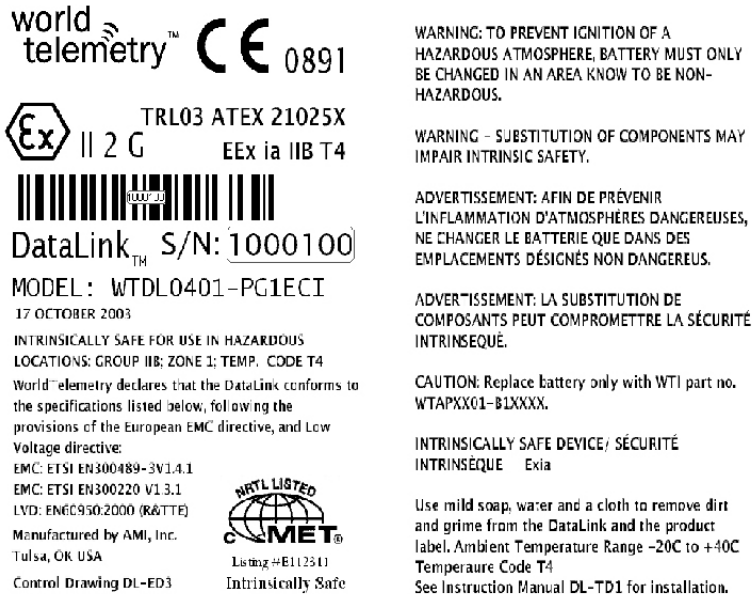
2.2.1 Serial Number Field
This field displays the seven character alphanumeric I.D. that uniquely identifies the DataLink to the WTI data center. This number is programmed into the unit and remains resident in the EEPROM of the device even if the battery is removed. This number can only be reprogrammed by WTI. The serial number is also bar coded in standard 3 of 9 Format 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 Product Safety Markings and Text Field
The commercial and industrial markets require products to meet certain safety requirements and to be marked appropriately. See Section 2.5.2 for more information on safety certifications.

2.2.5 Manufacturing Location
This field identifies the location of manufacturing.

2.2.6 Warning Label
This label provides important information concerning Intrinsic Safety and battery replacement. Refer to Section 4.2 for specific battery replacement instructions.

2.3 Operation

The DataLink consists of sealed Polypropylene housing with either an attached wiring harness designed to connect to Rochester's Remote Ready Dial (R3D) or a disconnect designed to attach to Ametek's 7240 Series Digital Stik (Digital Stik) Probe.

The R3D is a magnetically driven hall effect compatible dial that magnetically couples with the float mechanism inside the tank. Using the hall effect dial, the DataLink is able to determine the percent volume of liquid propane inside the tank.

The Digital Stik is a magnetostrictive probe that has one or two floats that indicate fuel and water levels in a tank and provides up to 5 temperature readings spaced evenly across the length of the probe for temperature compensation. The Digital Stik connects to the DataLink with a proprietary cable provided by WTI.

The data provided by the R3D or Digital Stik is transmitted to the DataGate at programmable intervals using a radio signal in the 902-928 MHz bandwidth.

The DataLink is powered by a replaceable 3-Volt battery that is 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 DataLink:

- Operating Temperature Range: -40°C to +80°C (-20°C to +40°C European)
- The sealed housing is designed to meet or exceed IP67.
- UV life: 10 years exposure to direct sunlight.
- Shock: The unit will withstand a one meter drop test per UL 913.
- Chemical Exposure: The housing material of the DataLink is Polypropylene, which has very good chemical resistance to most fuels, oils and acids.

2.5 Certifications

2.5.1 FCC Notice – Radio Frequency Communications

The DataLink 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 DataLink 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 DataLink 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, Subpart C, 15.249.

This device complies with Part 15 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.

2.5.2 Safety and Regulatory

The DataLink is designed to comply with UL Standards for Intrinsically Safe Apparatus for use in Class I, Division 1, Groups A, B, C & D Hazardous (Classified) Locations per ANSI/UL 913 and CAN/CSA C22.2 No. 157.

European: GROUP IIB; ZONE 1; TEMP. CODE T4

WARNING: SUBSTITUTION OF COMPONENETS MAY IMPAIR INTRINSIC SAFETY.

3   Installation

A Quick Installation Guide, which provides an overview of the DataLink installation procedure, was included with this product. See the appendix for control drawings.

The following sections of this manual explain in detail the site selection and installation process.

3.1 RF Site Guidelines

The DataLink contains sensitive measurement circuitry and a radio transmitter.

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

- **Every application is different!** There is no absolute reception distance for all applications. Since the surround 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 in moderately cluttered environments (i.e., residential locations) to approximately 500 feet in extremely cluttered environments (i.e., industrial or commercial applications).

- The more obstructions between the DataLink and the DataGate, 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 DataLink and DataGate 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.

3.2 Handling Guidelines

The DataLink is designed to provide many ears of reliable service in demanding outdoor environments. However, the DataLink contains sensitive measurement circuitry and should be handled carefully. Do not throw or drop the DataLink. Do not attempt to disassemble the DataLink except as described in section 4.

3.3 DataLink with R3D Installation

3.3.1 Mounting

After the DataGate has been successfully set up, The DataLink can be mounted to the tank by following these instructions:

Warning: Tanks may contain flammable liquid or vapor, extinguish all flames and smoking material before performing the DataLink installation procedure.

- Remove the DataLink from its protective packaging.   Along with the DataLink, there will be two stainless steel #6-32 screws and a nylon wire tie.

- Remove the existing level indicator dial from the tank by removing its two mounting screws. Verify that the new indicator dial is designed to fit the existing mounting base.

Warning: Remove only the level indicator dial. Do not attempt to remove the indicator mouting base of float assembly – severe injury could result.

- Install the Rochester Remote Ready Dial (R3D) on the tank. Verify that the level indicator dial fits correctly on the mounting base. Tighten the dial using the supplied mounting screws, or use the WTI gauge gripper if necessary.

- Compare the new dial reading with the estimated tank contents. If the new dial reading is not correct, remove the dial and rotate the pointer to approximate the expected dial reading (using a magnet near the back of the dial). Reinstall the dial. If the reading still seems incorrect, the indicator dial may be the wrong type.

Warning: Improper dial selection or application may result in an inaccurate gauge reading. Release of tank contents as well as damage to equipment and safety hazard may result if the tank is overfilled. Fuel exhaustion may occur if the tank contents are less than indicated. The WTI DataLink is not a substitute for a fixed liquid level gauge or weight measurement device which can be required for filling.

Note: For maximum accuracy, adjust the tank so that it is level to within +/- 5 degrees. A bubble level may be used for this task.

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3.3.2 DataLink Activation

After mounting the DataLink, follow these steps to activate the unit:

The DataLink is shipped in a sleep state. The DataLink is activated when the proprietary cable is attached to the DataLink..

After mounting the R3D on the tank, take the Remote Ready Pigtail and screw the Nano C Connector into the DataLink connection interface. Then remove the dust cover from the R3D dial, and simply plug the Hall Effect Module end of the pigtail into the R3D. This will activate the DataLink and it will begin transmitting.

Mount the DataLink to the tank using the magnet on the bottom of the DataLink.

When you unplug the wiring harness from the R3D dial, your DataLink is deactivated.

3.4 DataLink with Digital Stik Installation

3.4.1 Mounting
After the DataGate has been successfully set up, The DataLink can be mounted to the tank by following these instructions:

Warning: Tanks may contain flammable liquid or vapor, extinguish all flames and smoking material before performing the DataLink installation procedure. Do not install the Digital Stick in the tank until the interface cable has been attached to the DataLink and to the Digital Stik.

- Remove the DataLink from its protective packaging.   Along with the DataLink, there will be two stainless steel #6-32 screws, nylon wire tie, and interface cable that connects the DataLink with the Digital Stick.

- Remove the Ametek Digital Stik from its protective wrapping and prepare the probe as indicated in the instructions that are included in the Digital Stik packaging.

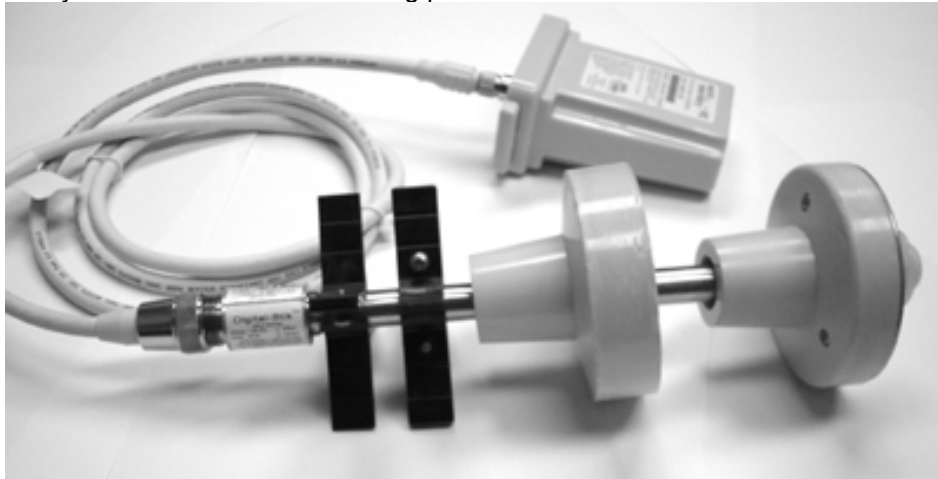- Connect the interface cable to the base of the DataLink.

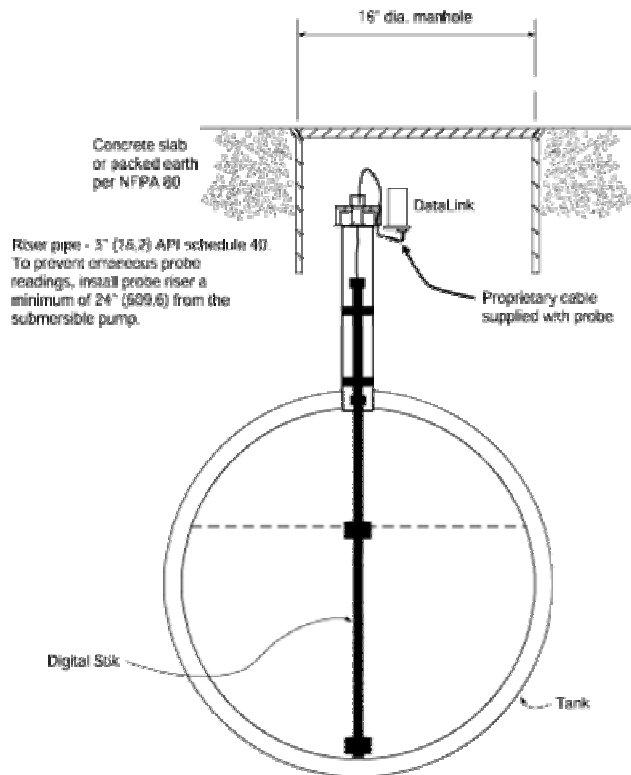- Connect the other end of the interface cable to the Digital Stik

- The final assembly should look like the following picture

- Carefully lower the probe into the riser pipe until the nylon boot rests on the bottom of the tank

3.4.2 DataLink Activation

The DataLink is shipped in a sleep state. The DataLink is activated when the proprietary cable is attached to the DataLink and the Digital Stick.

3.5 Site Survey

Appendix 5.3 contains a Site Survey Form, which should be filled out by the installer.

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

4 Servicing

4.1 Cleaning

The DataLink should be cleaned while performing routine maintenance on the tank. Use mild soap and water and a rag to remove dirt and grime from the DataLink and the product label.

4.2 Battery Replacement

If it becomes necessary to replace the battery in the DataLink, follow these steps:

Warning: To prevent ignition of a hazardous atmosphere, the battery must only be changed in an area known to be non-hazardous.

Warning: Use a WTI part number WTAPXX01-B1XXXX battery only.

Warning: If the tank contains flammable liquid or vapor, extinguish all flames and smoking material before performing the battery replacement procedure.

1. Remove the DataLink from the tank and transport it out of the hazardous area.

2. Ground yourself by either wearing an anti-static wrist strap or by touching a grounded metal   object (such as a copper water pipe).

3. Remove the DataLink's upper housing by removing the 4 Phillips screws from the bottom side of the DataLink housing.

4. Cut and discard the tie wrap that secures the old battery.

5. Remove the old battery.

6. Insert the new battery (observing polarity markings molded into the battery holder.

7. Carefully install a new zip tie through the circuit board slots and secure it around the new battery.

8. Using mild soap and water carefully clean and thoroughly dry the rubber seal and the edges of the upper and lower housings of the DataLink.

   Note: Take careful measure not to get any water on the circuit board.

   Note: Cleaning the seal and the edges of the plastic ensures a good seal when the DataLink is put back together. This will prohibit moisture from penetrating the DataLink and causing corrosion.

9. Firmly reinstall the DataLink's upper housing.

10. Using a Phillips screwdriver, gently tighten the 4 screws back into place on the bottom side of the DataLink housing.

11. Re-install the DataLink on the tank.

12. Follow the battery manufacturers' safety and disposal guidelines.

4.3 Warranty

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

If a WorldTelemetry, 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 return the allegedly defective product or product not conforming to specifications to WorldTelemetry Inc., transportation costs prepaid, along with an explanation for the return. 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 WorldTelemetry 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 WorldTelemetry.

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.

4.4 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 my 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.
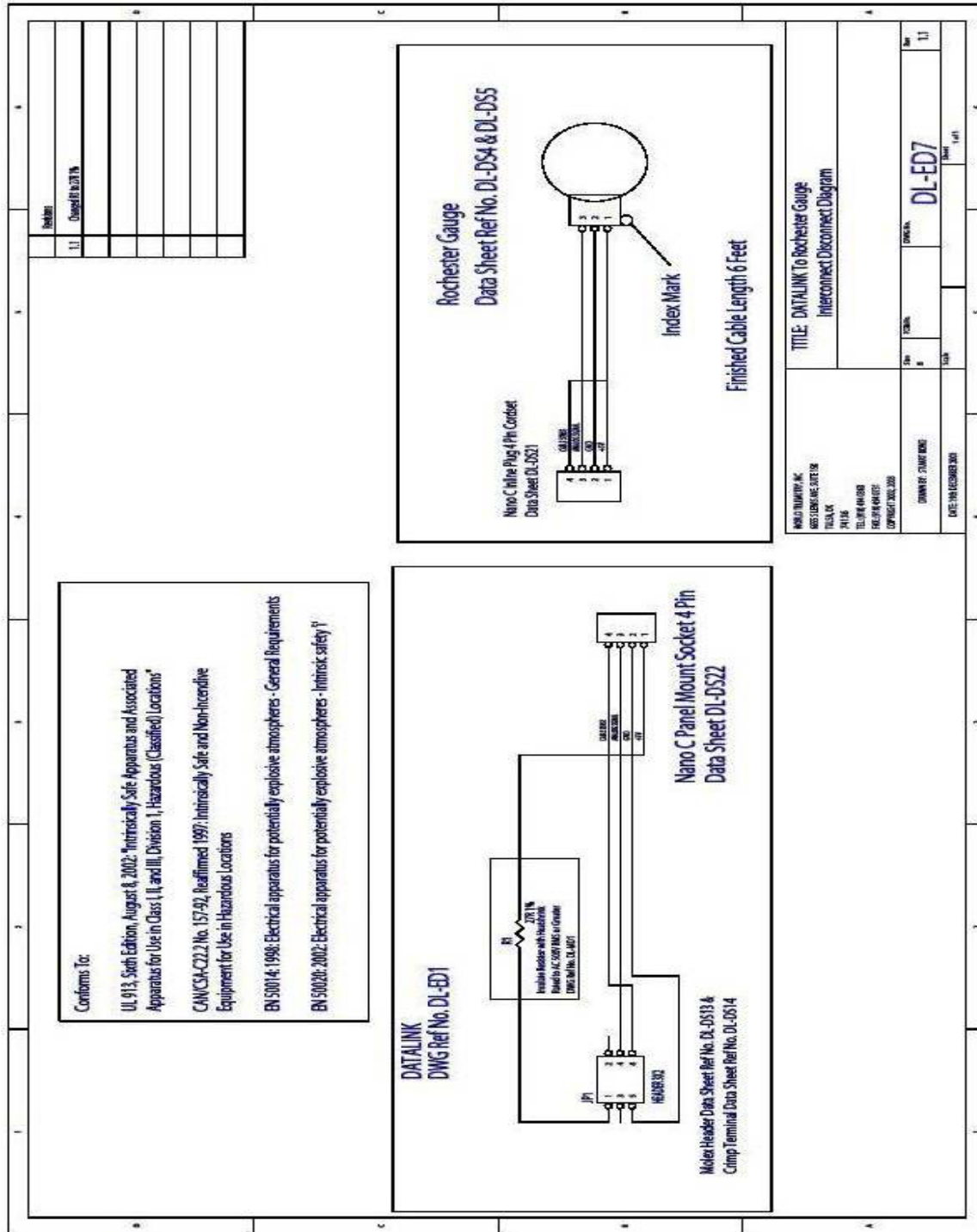
The plastic parts of the external housing unit are marked for recycling purposes. An approved battery recycling center must dispose of the battery.

4.5 Service and Technical Support

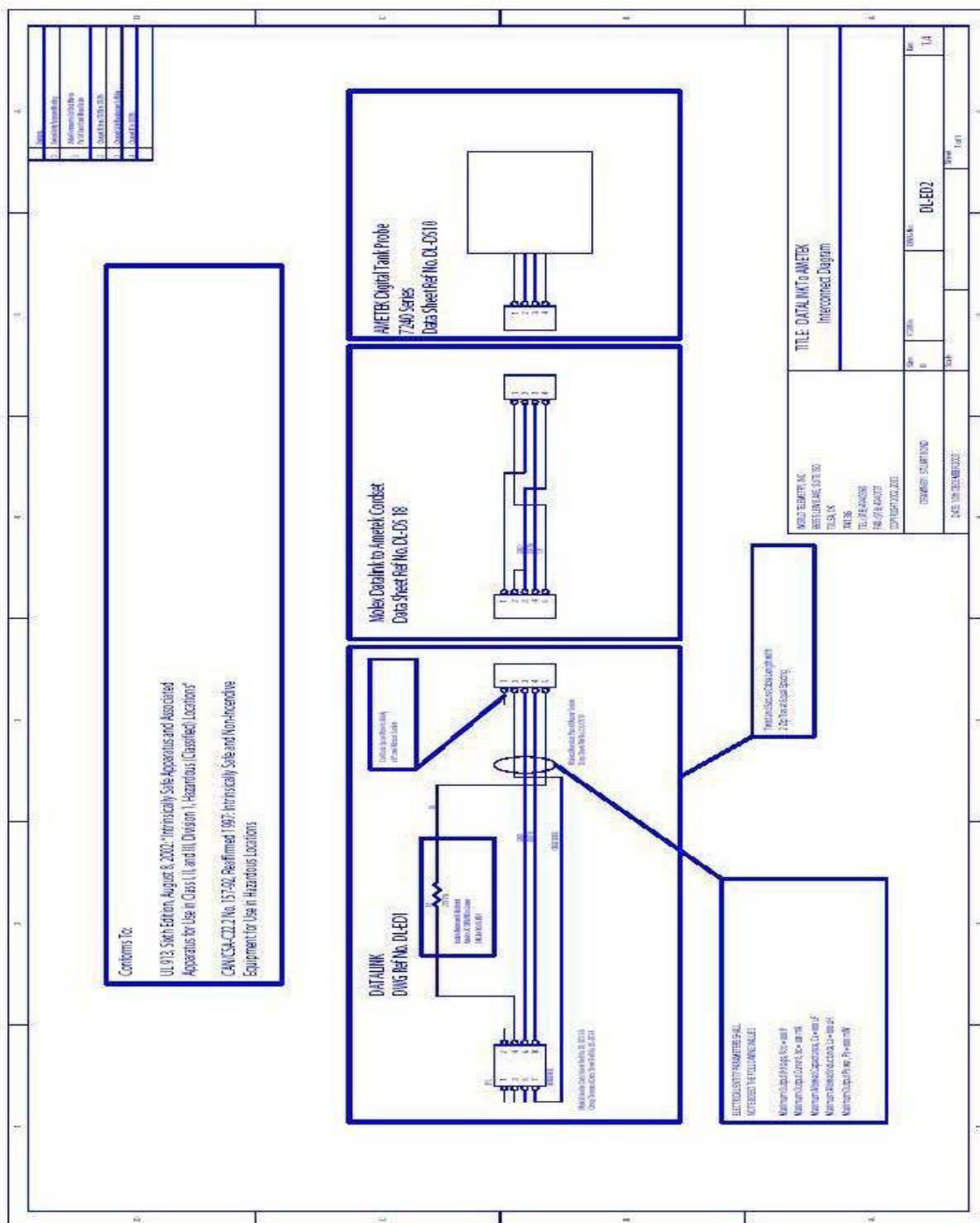For service and technical support, contact World Telemetry, Inc. at (888) 283-8730.

5 Appendix

5.1 Rochester Gauge Remote Ready Control Drawing DL-ED7

5.2 Ametek Digital Stick Interface Control Drawing DL-ED2

5.3 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 Other: _____

DataLink Transmission Frequency ____1 Hour   ____4 Hours

Tank Level Set Points: ____%, ____%, ____%   **Temp Set Points: High**____º **Low** ____º **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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