Quick Guide - Prophet Battery Replacement

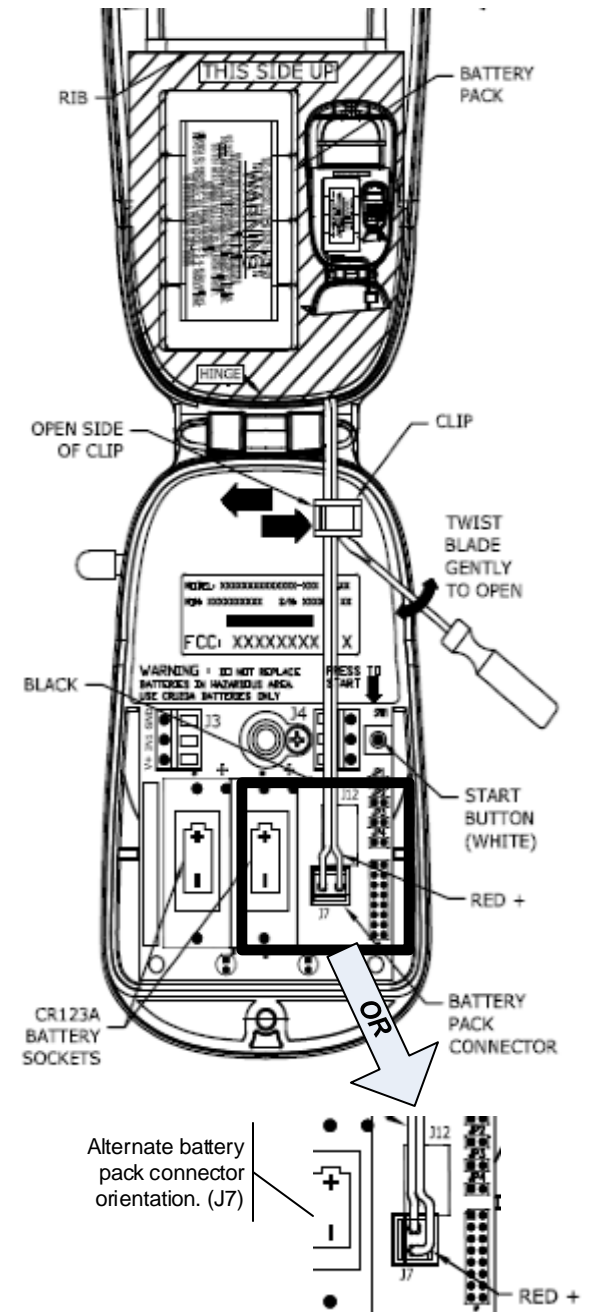## Quick Guide: See reverse side for additional details.

1. **Open the Prophet enclosure.** Loosen locking screw and open lid with a small flat blade screw driver: .

2. **Remove ALL existing batteries:** individual and extended life battery pack if equipped. Never mix fresh batteries with partially or fully expired batteries. Properly dispose of all expired batteries and pack. **Dispose of used battery promptly. Keep away from children. Do no disassemble and do not dispose of in fire.**

- For Prophet Uplink Models: 4410, and 4510, see note 1 below for additional steps required to properly reset the battery life indicator.

3. **Press and hold the white pushbutton for five seconds.** This will clear the battery life indicator memory.

4. **Insert new batteries.** Place new batteries into the battery sockets located on the printed circuit card and install the new extended life battery pack if provided .

Note: Never mix new and used batteries. The Prophet will operate as intended with either the two individual batteries or the extended life battery pack or with both. See Note 2.

5. **START the Prophet:** Before closing and securing the lid, press the white START pushbutton and verify the green LED begins to flash.

6: **Call your customer support representative** to verify operation (844)700-8265. Report any battery configuration changes (2 single batteries plus Extended Pack versus 2 batteries only versus Extended Pack only) to the customer support representative to ensure proper battery life indication via the Tank Data web portal or update the battery configuration setting from the Tank Setup page. See detailed instructions for further information.

7. **Close the monitor lid.** Ensure the gasket seal is secure and flush in the groove of the enclosure base. Failure to do so may allow moisture to enter the enclosure and damage the electronics.

8. **Tighten the locking screw using a small flat blade screwdriver.**

9. **Dispose of used battery promptly.** Keep away from children. Do no disassemble and do not dispose of in fire. Thank you for your assistance.

Note 1: Special consideration for the Prophet Uplink (models #'s beginning with 4410 or 4510):

This process is required if the model number begins with 4410 or 4510 (Prophet Uplink) and the loop power is provided by the 4-20 mA sensor/gauge or a source that is not the battery powered Prophet. If loop power is provided by the Prophet then the wiring from the sensor will terminate at terminals IN1 and V+ on the terminal block J3. In this case, no additional steps are required. Return to step 3.

However, if the loop power is provided from the sensor or a source other than the Prophet, then additional steps are required. This is the case when the sensor wiring terminates at terminals IN1 and GND on terminal block J3. In this case, contact your customer support representative for further instructions **(888/826-5546, press option 3) before returning to step #3.**

Alternate battery pack connector orientation. (J7)

Note 2: When purchasing individual batteries, always use Panasonic CR123A.

Prophet Battery Replacement

The tank monitor that is installed on your bulk storage tank is fitted with two replaceable batteries and an optional extended life battery pack. This procedure lists the steps necessary to change these batteries.

Replace battery with Panasonic Part No. CR123A only. Use of another battery may present a risk of fire or explosion. See owner's manual for safety instructions.

- For Prophet Uplink Models: 4410, and 4510, see note 1 on reverse side for more information regarding an additional process to reset the battery life indicator.

1. **Loosen locking screw and open lid** with a small flat blade screw driver.

2. **Remove ALL existing batteries**: individual and extended life battery pack if equipped. Never mix fresh batteries with partially or fully expired batteries. Properly dispose of all expired batteries and pack. **Dispose of used battery promptly. Keep away from children. Do not disassemble and do not dispose of in fire.**

3. **Press and hold the white pushbutton for five seconds.** This will clear the battery life indicator memory.

4a. **Insert the replacement batteries:** Place new batteries into the battery holders located on the printed circuit card. The positive "+" end of the battery faces the center of the board. Refer to the diagram on the opposite side.

4b. **Insert the new optional extended life battery pack.** Place the new pack in the lid of the enclosure and connect the wires to the terminal connector. Slide the wires into the clip located near the top. If the "hooks" side of the Velcro from the expired pack is still in the enclosure lid, remove the "hooks" section from the new pack before inserting. If the "hooks" side of the Velcro is not present in the enclosure lid, then remove the adhesive backing from the Velcro and insert the new pack in the same location. See image #1 below.

Note: Never mix new and used batteries. The Prophet will operate as intended with either the two individual Panasonic CR123A batteries or the extended life battery pack or with both. See Note 2 on the reverse side.

5. **START the Prophet:** Before closing and securing the lid, press and release the white START button. Verify the green LED begins to flash (half second on, half second off). After 10-20 seconds, the green LED will slow to one second on and one second off while searching for an available cellular network. The LED should transition to a steady ON state when registered on the network and may stay on steady for almost two minutes while transmitting inventory information. When complete, the green LED will flash a few times, and then go out. The monitor is now in standby, and will remain so until the next scheduled callout, or until the white button is pushed. If the red LED should light, make note of the numbers of green LED flashes while the red LED is on.

6a. **Call (844)700-8265 to verify operation.** Report any battery configuration changes (2 single batteries plus Extended Pack versus 2 batteries only versus Extended Pack only) to the customer support representative to ensure proper battery life indication via the Tank Data web portal. Available in release 3.5 of the web portal, user's with "Manage Tank" may also update the battery configuration setting from the Tank Setup page. See image #2 below on selecting the appropriate battery option.

Remote Telemetry Unit (Device) Setup

MIN # / Host MIN #:	2055175121	Tank Number:	1
RTU ID:	720399921	Battery Type:	CR123-6
RTU Model #:	1750000001	Total Batteries:	2 + Pack (6)
RTU Model Type:	Prophet GSM Host	Battery / Calls Offset:	0
WLAN Status:	OFF	Max Calls:	2000

Image #2 (Available in release 3.5)

6b. **Complete general maintenance.** The occasional battery change is an excellent time to complete basic system maintenance. Verify the antenna (if equipped) is oriented in a vertical fashion. This is also a good time to verify the calibration / accuracy of the telemetry system. If at all possible measure the product level currently in the tank in inches from the bottom of the tank, or down from the top of the tank. Note the time and call (844)700-8265 or e-mail us support@fluidalert.com. Our Technicians will verify a successful transmission has been received by our data center, the battery life indicator has reset properly, and the system is reporting the correct inventory.

7. **Close the monitor lid.** Ensure the gasket seal is secure and flush in the groove of the enclosure base. Failure to do so may allow moisture to enter the enclosure and damage the electronics.

8. **Tighten the locking screw using a small flat blade screwdriver.**

9. **Dispose of used battery promptly.** Keep away from children. Do no disassemble and do not dispose of in fire. Thank you for your assistance.
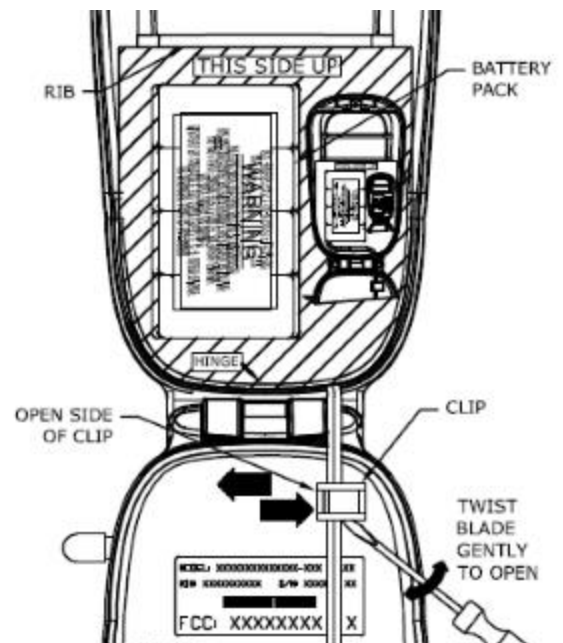
Image #1

The tank monitor that is installed on your bulk storage tank is fitted with two replaceable batteries and an optional extended life battery pack. This procedure lists the steps necessary to change these batteries.

> **CAUTION: Replace battery with Panasonic Part No. CR123A only. Use of another battery may present a risk of fire or explosion. See owner's manual for safety instructions.**

1. **Loosen locking screw and open lid** with a small flat blade screw driver.

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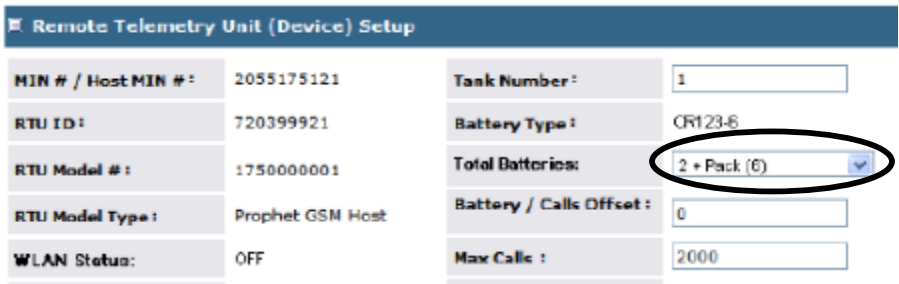| Remote Telemetry Unit (Device) Setup			
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RTU Model # :	1750000001	Total Batteries:	2 + Pack (6)
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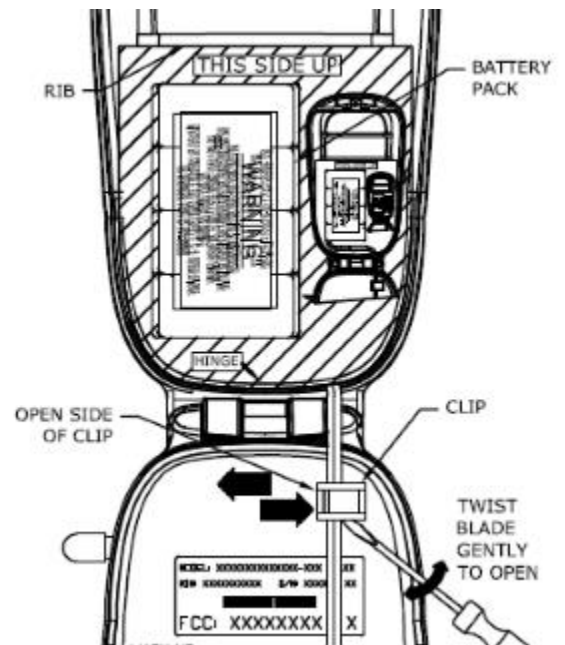

Image #1