WESROC® RMS Satellite Tank Monitor (STM)
Model MT-9100STM - Quick Installation Guide

1] Complete the STM Installation Information Worksheet on the reverse side of this document and send it to your WESROC host administrator. *You MUST record the STM electronic serial number (ESN) on the worksheet to match the installation location to the monitoring hardware.*

2] If not already present, install the correct Rochester remote ready dial or ITC large dial assembly on the tank gauge. *Remote ready dials and large dial assemblies are available for a wide variety of gauge types.*

3] Remove the STM from the box and make sure the small round programming magnet is secured in the OFF position on the STM enclosure. (Off mode.)

4] Mount the STM on or near the tank to be monitored using the attached mounting magnets or a mounting bracket. *Try not to place the STM right next to a vertical metal object such as a tank dome or hood. The ideal location for the STM is where is has the best view of the entire sky.*

5] Connect the STM sensor cable to the remote ready dial. Large dial installations use an in-line connector to attach the STM to the dial. *When attaching the connector, make sure the connector is fully seated and that the locking ring has been fully turned to ensure a weather tight seal.*

6] **(Option A) Force a Configuration Report to Host using the default STM configuration settings.**
   o Remove the programming magnet from the OFF position on the STM and walk away. (Normal mode)

6] **(Option B) Make STM configuration settings changes and force a Configuration Report to Host.**
   o Place programming magnets in the OFF and INIT positions on the STM. (Configuration mode.)
   o Make system and application configuration changes using a WESROC Portable Diagnostic Unit (PDU).
   o Remove both programming magnets from the STM at the same time and walk away. (Normal mode.)

The STM will now perform a Configuration Report to the Host. Most reports are completed in just a few minutes. However, due to the nature of the Globalstar Simplex system, a complete report could take an hour.

7] Once a successful report has been completed, secure the sensor cable using the appropriate fasteners (cable ties, etc.). *Route the sensor cable to make sure the cable will not be damaged by a moving object such as a tank dome or hood.*

8] (Optional) Initialize the STM to a WESROC Base Unit if you are using the local display feature.
   o Place a programming magnet in the INIT position on the STM. (Initialization mode.)
   o Place the Base Unit into Initialization mode.
   o Wait for the STM tank level to appear on the Base Unit display.
   o Remove programming magnet from the STM, and return the Base Unit to normal operation.

Remove all programming magnets from the STM enclosure before leaving the installation site.

Refer to the WESROC Satellite Tank Monitor Operation Manual for more detailed operating instructions.

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WESROC® RMS Satellite Tank Monitor (STM)
Installation Information Worksheet

REQUIRED INSTALLATION INFORMATION!!!	
STM Electronic Serial Number (ESN)	(ESN can be found on bottom of STM enclosure.)
Tank Capacity / Contents	Gallons _____ /
Tank Serial# / Access	S/N _____ /
Gauge/Dial Type	(Default is standard horizontal tank with small dial.)
Scheduled Report Interval	(Default is 24 hours.)
Propane/Fuel Company	
Customer / Facility	/
Street Address	
City / State / Zip	/ /
Route / Stop / Time Zone	/ /

STM - WESROC® System Information	
Corporate Email List	
Customer Email List	

Tank Event/Alarm Information				
Tank Fill Event Alert	Enable (Y/N) [ ]	Threshold = _____ %	Corp Email [ ]	Cust Email [ ]
Tank Draw Event Alert	Enable (Y/N) [ ]	Threshold = _____ %	Corp Email [ ]	Cust Email [ ]
Tank Warning Alarm	Enable (Y/N) [ ]	Threshold = _____ %	Corp Email [ ]	Cust Email [ ]
Tank Critical Alarm	Enable (Y/N) [ ]	Threshold = _____ %	Corp Email [ ]	Cust Email [ ]

Technician Contact Information	
Name / Phone Number	/
Email / Texting Address	/
Install Date / Comments	

Complete and fax this page to (402) 426-3705 or call (866) 493-7762.