

Technical Service Notification

March 11, 2014

This service notification provides additional information to Veeder-Root service network and technicians regarding the release of software version 33F for TLS-300, TLS-350 and TLS-350R consoles.

Service Notification: TSN_2014_03_A

Product Description: TLS-300, TLS-350, and TLS-350R Software Release Version 33F

Part Number: Refer to Appendix I

Function: Version 33F includes software enhancements for the Graphic Remote Display, Water Filter Selection, Containment Vacuum Monitoring and Language Update.

Software Enhancements and Modifications

- 1. Graphic Remote Display** - During the development of software version 33E, the graphic remote display feature was removed. In 33F the Graphic Remote Display functionality was reinstated with the exception of Remote Display Online Help.
- 2. Water Filter Selection** - The water alarm filter allows the user to select the response time of the water alarm during a delivery. In version 33F an additional threshold level “OFF” was implemented. The “OFF” level enables users to select programmable time intervals.
[Refer to 576013-623 Rev AE](#) System Setup Manual for further water alarm filters threshold and descriptions. [See Appendix II](#) for additional Water filter information.
- 3. Containment Vacuum Monitoring** - In version 33F, the direct evacuation schedule was enhanced to ensure that locations with “NO VAC ALARM” will activate a “**direct evacuation**”. Backup generator applications are likely candidates to experience this behavior do to infrequent pump operation required to replenish the vacuum level.
- 4. Language Modification** - Corrected text format for Finnish Language.

Release Schedule-

Software upgrades can be for purchased starting January 20, 2014. See [Appendix I](#) for details.

Consoles shipped after January 20th, 2014 will be shipped with 33F.

Manuals: **Information can be obtained at:** <http://www.veeder.com/us/support/>

APPENDIX I

Upgrading a TLS 300 series console?

IF YOU CURRENTLY HAVE	AND YOU WANT	YOU WILL NEED	PART NUMBER	CORE RETURN
TLS-300 Consoles & CPU boards 330728-003 shipped prior to 10/13/08	TLS-300 with latest version software (V4xx)	New U2 and U3 software chips and new CPU board	331500-363	Old Software (U2/U3 Chips)
TLS 300 Consoles & CPU boards 330728-003 shipped after 10/13/08	Software Upgrade Only	New U2 and U3 software chips	331500-360	Old Software (U2/U3 Chips)

TLS Console Upgrade Chart (Prices follow)

YOU CURRENTLY HAVE	AND YOU WANT	YOU WILL NEED	PART NUMBER	CORE RETURN
TLS-300 Consoles & CPU boards 330728-003 shipped prior to 10/13/08	TLS-300 with latest software (V4xx)	New U2 and U3 chips and new CPU board	331500-363	Old Software (U2/3 Chips)
TLS 300 Consoles & CPU boards 330728-003 shipped after 10/13/08	Software Upgrade Only	New U2 and U3 software chips	331500-360	Old Software (U2/3 Chips)
TLS-350J (manufactured after 12/16/02)	TLS-350 Plus with latest software(V1xx) and ECPU2 board, <=8tanks	ECPU2 and ROM(V1xx) ²⁾	331500-308	SEM, Old CPU, Software (U2, U3 Chips) and old probe, sensor, PLLD boards
TLS-350 Plus or TLS-350R (with ECPU2 board, P/N 331960-001)	Software Upgrade Only (V1xx) <= 8 tanks	ROM (V1xx)	331500-303	ROM Board
	Software Upgrade Only (V3xx) for systems already equipped with NVMEM201 or 203	ROM (V3xx)	331500-353	
	Software Upgrade Only (V3xx), >8 tanks or BIR w/ manifold tanks	ROM (V3xx) and NVMEM201 Board	331500-320	
	Software Upgrade (V3xx), ISD (In-Station Diagnostics) and/or MT (Maintenance Tracker)	ROM (V3xx) and NVMEM203 Board	331500-322	
TLS-350 Plus or TLS-350R (with ECPU board, P/N 330743-xxx or CPU board P/N 330506-001)	Software Upgrade and ECPU2 board, <=8 tanks	ECPU2 and ROM(V1xx)	331500-308	ECPU board and Software (ROM board) or CPU board and Software (U2 and U3 chips)
	Software Upgrade (V3xx) and ECPU2 board, >8 tanks or BIR w/ manifold tanks	ECPU2, ROM(V3xx) and NVMEM201 Board	331500-348	
	Software Upgrade (V3xx) and ISD (In-Station Diagnostics) and/or MT (Maintenance Tracker)	ECPU2 , ROM (V3xx) and NVMEM203 Board	331500-358	

Note: For TLS-350J, new SEM, Probe, Sensor and (W) PLLD input board(s) also required.

Appendix II

Water Alarm Delivery Filter Levels:

Low - This is the quickest response to either flooding or water delivery scenarios. The water alarm will be reported 3 minutes after the water level has crossed the programmed threshold. A delivery may be in progress during this alarm.

Medium - This filter level will disable the water/alarm monitor during a delivery. The delivery detection threshold will be set to 25GPM. This will be small enough to detect most deliveries and large enough to not mistakenly identify a delivery when water is leaking into a tank during a flooding situation. This filter will only be applied to the water alarm.

High - The high level filter will follow the same behavior as the medium level filter. The delivery activity detection rate is raised to 6 GPM; roughly equivalent to the current delivery detection rate. The maximum Wait Time will be increased to 45 Minutes and the Maximum Height Value will be increased to 10 inches