

S28 LonWorks Configuration

Revision History

Version 2.34 (3/7/2017)

Fixed an issue with reading/writing negative values for nviOARLoAirTemp.

Version 2.33 (1/3/2017)

Fixed nvoStackTemp scaling factor.

Version 2.32 (11/02/2011)

- 1) Changed Boiler Status1 Flags
 - a. Disabled - Added description example
 - b. Heat Demand – renamed to Local Override (member boilers only). Description changed.
- 2) Changed Boiler Status2 Flags
 - a. Blower Running - Values changed to 0 = off, 1 = on (running).
 - b. Valve Alarm - renamed to IRI Alarm.
 - c. Air Prove Switch - Values changed to 0 = proven, 1 = not proven.
 - d. Software Operator - renamed to Software Operator Tripped. Values changed to 0 = not tripped, 1 = tripped.
 - e. System Pump - renamed to System Pump Running. Values changed to 0 = off, 1 = on (running)
 - f. Combustion Air Damper - renamed to Combustion Air Damper Prove. Values changed to 0 = not proven, 1 = proven. Added obsolete comment, 1.x controls only.
- 3) Changed Boiler Status4 Flags
 - a. Blower Fault – renamed to Air Switch (Blower) Fault. Values changed to 0 = ok, 1 = fault.
 - b. Call Service Fault – Values changed to 0 = ok, 1 = fault.
 - c. Damper Prove - renamed to Combustion Air Damper Prove. Values changed to 0 = not proven, 1 = proven.

Version 2.31 (6/29/2011)

Added Stack Temperature

Version 2.30 (6/9/2011)

Requires HeatNet Control Firmware 1.40+

- 1) Added DHW Setpoint for the Master/Boiler.
- 2) Added DHW Sensor Temperatures for the Master and all Members.
- 3) Added Modulation for the Master and all Members. It has been modified to reflect the value displayed on the Boiler. . DOES NOT WORK IN AA/HighFire, T1 OR T2 MODES.
- 4) Added Status 4 Flags for the Master and all Members. Contains several DHW statuses, blower and blowout faults, and op-limit clamp status.

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- 5) Added Operating Setpoint for the Master/Boiler1. This is the actual operating (or active) setpoint which may be: the normal heating setpoint, DHW setpoint, calculated OA setpoint, or the 4-20ma (0-10V) setpoint.

Version 2.22

Added notes to output variable section (nvo) that describes how to modify the configuration to work with Trane (and other controls) that require implicit addressing with update notifications.

Version 2.21

Minor update to improve communications.

Version 2.20

Added Supply and Return Temperature data points for the Master and all Members.