

## ISCO MODEL Asian Signature SOFTWARE HISTORY

**REVISION 1.32.054**

**Part # 60-4302-104**

**Software Release Date: 2/20/2020**

Corrections:

- 1- 10964 Fixed issue with more than one “Like” or duplicate Parameters sharing the same MODbus register address.
- 2- 11105/11149 Fixed issue where MODbus Register addresses would change at random when the Signature experienced a power cycle or had changes relating to the SCANNED TIENet devices.
  - a. Existing MODbus Register addresses will remain the SAME after the update is installed.
  - b. Select MODbus registers will change IF
    - i. The issue with two “duplicate” parameters sharing one MODbus address exists
    - ii. New TIENet devices are added
    - iii. An existing MODbus device is removed
  - c. Existing MODbus Registers will NOT change after a front panel reset
  - d. ALL MODbus parameters will change to the new fixed format IF the SD Card is wiped clean. See the associated table document with the new fixed addresses. (*See NEW MODbus Address Table document.*)
- 3- 10967/10651/8633/10695 Fixed USB recognition problems (including Win10)
- 4- 9255 USB options menu no longer loading during TIENet update
- 5- 10949/10937/11106 Fixed issue that prevented the ability to configure / retrieve data with Gemalto Rev C Modem
- 6- Fixed issues related to Modem timing when registering to the Cellular Network or failure to respond to commands
- 7- 10447 Default APN set to Single to avoid setup issues
- 8- 9837 Ethernet modem power cycling no longer causes USB to be reset
- 9- 10448 Added Fixed issue where no indication of Wireless Strength (including the text) would show up on the SETUP SCREEN until first measurement is taken. It will now indicate SIGNAL STRENGTH N/A.
- 10- 10209/10292 Fixed issues due to the Error Propagation into “down the line” parameters by adding a selection to choose whether errors are propagated or not. The Default setting is to NOT propagate the errors and found in the Flow Rate setup

- 11- *10907/10272* Fixed VOL0 from the Totalizer on a power cycle.
- 12- *9610/9800* Fixed issue where the unit would indicate and remain in “Database Startup” state for an extended period of time.
- 13- *110733/10315* Fixed issue due to TIMING issues when there were multiple TIENet sensors that could result in NO DATA:7 errors
- 14- *10002/10238* Fixed erroneous ACTIVE SLEW and OVER-HEATING Errors from a 308 Card.
- 15- *10885* Fixed Screen Layout issue that prevented one from being able to enter a slope setting
- 16- *10307/9725/9714* Fixed errors with updating TIENet devices
- 17- *9717* Fixed issue that would cause wide variation in TIME to update a Signature
- 18- *10036* Removed confusing TIENet Bootcode option in the UPDATE menu.
- 19- Fixed several non-English Language related issues:
  - a. *10950* Sonde configuration in Swedish cleanup
  - b. *10713* Version 1.30 have wrong language options
  - c. *10202* Non-US Excel output formatting for date/time
  - d. *10401* Czech language support
- 20- *10402* Fixed issue that prevented Boot up key press restore to defaults not working on new hardware revisions
- 21- *10404* Data Push menu not present addressed

#### Enhancement

- 1- *10505* Flow Rate/Level/Velocity registers available increased to 8
- 2- Support for LE910 (Verizon/AT&T LTE)
- 3- *10197/9691* Modbus over TCP/IP now supported
- 4- *10544* Added LaserFlow EX support
- 5- *9588* Support for SDI-12 version 1.3
- 6- *10216* Add ability for contact output to pulse based on volume from the SAMPLER SETUP window
- 7- *10552* Low Battery Backup message changed to Low CPU Battery to more accurately indicate what it is referencing.

- 8- *10195/10096/10413* Added the ability to set a Minimum Level/Velocity threshold for Flow Rate. When below that threshold, flow rate will lock into "0".
- 9- *10849/10273* Added the ability to "cap" the Flow Rate as a user defined Maximum Height
- 10- *10376* Added the ability to clear out historical pH calibration details and restore calibration values to default
- 11- *10488* Ability the ability to reboot (not reset) Signature via remote connection