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EXPLORER 3075GX/5075GX
SW ver. 1.61 Build 10

Subject:

Please be informed that software, version 1.61 build 10 for the EXPLORER 3075GX - EXPLORER 5075GX has been released.

IMPORTANT: Upgrading from ver. 1.50 Build 36 or older require step-upgrading via bootloader upgrade software version 1.52! The specific procedure is described in earlier release note for 1.54 build 12, document number 95-151425-A.

Note: With bootloader ver. 1.52 (or never) installed, downgrading to earlier version(s) below 1.54 will not be possible!

Upgrading directly from ver. 1.54 to 1.55 or newer is possible. Procedure is described below.

Priority:

MEDIUM: It is recommended to apply this change / initiative to all system(s). For units sold it is recommended to apply this change / initiative next time the system(s) is inspected

Changes from SW ver. 1.58 Build 025 to SW ver. 1.61 Build 010

- **New features and improvements:**
 - General improvements of security for "admin" account
 - New 'Local Admin' activation. Appendix I
 - EXPLORER 5075GX: Fallback to "Full scan" from Automatic/compass mode when search fails
 - Manual Satellite Selection in web interface
 - Manual satellite selection profiles will automatically be generated after factory default reset.
 - EXPLORER 3075GX: Manual pointing procedure

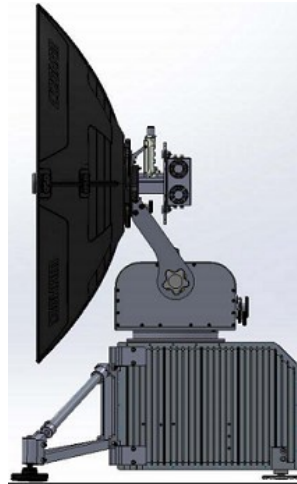
Known problems:

- none

Notes:

EXPLORER 3075GX: This software - including Bootloader upgrade version 1.52 - does **not** support older type of 3075GX (407164A-00500) as some sensors are no longer used. Attempts to upgrade will be rejected with an error / software mismatch message.

Not supported EXPLORER 3075GX:

**Procedure for upgrading to latest software version.**

IMPORTANT! – If initial version is 1.50 Build 36 or older, then step-upgrade via Bootloader ver. 1.52 is necessary. See previous release note 95-151425-A.

1. Extract the EXPLORER_VSAT ver 161 B010.zip file
2. Connect a PC to LAN interface 1 (Service port) and open an Internet browser and enter the address of the EXPLORER terminal <http://192.168.0.1> (Default).
3. Enter **ADMINISTRATOR LOGIN:**
User name: (default = admin (case sensitive))
Password: (default = 1234)
4. Click **SERVICE** in the navigation pane and locate UPLOAD SOFTWARE TO TERMINAL. Browse and select software file **tt7xxx_1.61-10-acu.tiif**. Do not browse away from the upload page. This will terminate the upload process. Wait for the browser to reload automatically
5. The EXPLORER GX system will reboot and display will show "**Antenna sw upload**" for up to 2 minutes.
6. Verify that the **DASHBOARD** page shows the new software version currently loaded in the ACU **1.61 build 010**.

This concludes the SW upgrades procedure.

Release history

Changes from SW ver. 1.58 Build 022 to SW ver. 1.58 Build 025

New features and improvements:

- Support for 12 VLAN's managed via SNMP

User related bug fixes:

- Extra diagnostic log "BUC" option removed from Web interface. Only supported on SAILOR

Changes from SW ver. 1.55 Build 016 to SW ver. 1.58 Build 022

New features and improvements:

- Solves "Modem Error" and "Warning: 08A04-0 iDirect modem" message in the display.
- Minor bug fixes and improvements

Changes from SW ver. 1.55 Build 017 to SW ver. 1.58 Build 022

New features and improvements:

- Solves "Modem Error" and "Warning: 08A04-0 iDirect modem" message in the display.
- Minor bug fixes and improvements

Changes from SW ver. 1.55 Build 016 to SW ver. 1.55 Build 017

New features and improvements:

- Support for new type of inclinometer.
 - For production of new terminals only.
 - Not released for download via Sync.

Changes from SW ver. 1.54 Build 012 to SW ver. 1.55 Build 016

New features and improvements:

- Support for openAMIP scan count parameter to iDirect Core Module.
 - Improves handling of iDirect core module sw version 1.1.1.3 and never. Please also refer to work-around procedure 99-150489-B for improved setup and handling of GX specific network satellite acquisition in overlap regions.
- Improved functionality of compass
 - Fix for compass error event when calibrating near metal.
 - Fix for timing error in compass SPI communication.

Changes from SW ver. 1.50 Build 036 to SW ver. 1.54 Build 012

New features and improvements:

- Support for Explorer 3075GX with tri pod.
- EXPLORER GX: User manual upload.
 - User manual accessible when it has been uploaded via web interface.
- EXPLORER GX: Manual pointing and fixed installation improvements.
- EXPLORER GX: Jog limits increased.
- EXPLORER GX: Software upgrade deletes bootloader for a short time.
- E7100 GX: RX lock discrete IO does not work.

Changes from SW ver. 1.50 Build 016 to SW ver. 1.50 Build 036

- **New features and improvements:**
 - Support for EXPLORER 7100GX
 - Added "Fixed Installation" feature (automatic re-acquisition during power fall-out) on EXPLORER 3075GX.
 - Antenna does not respond to a 'jog command' Fixed

Changes from SW ver. 1.49 Build 019 to SW ver. 1.50 Build 016

- **New features and improvements:**
 - Support for EXPLORER 3075GX
 - General stability improvements

Appendix I

General improvements of security for "admin" account

To get the new full functionality a 'reset to factory' is necessary – meaning existing admin password will only be changed by a factory reset.

To login as ADMIN:

Enter admin username and password as normal

OR:

Press the ACU left keypad for 5 seconds to enable the 'local administration function'. This will allow a login as 'admin' without the use of a password.

For new installations or forgotten password, please immediately change the password.

Note the following details

- ACU will automatic log out after 1 hour or next reboot.
- Accessing the ACU with 'local administration function' does not change the current admin account password.
- After a factory default reset, the admin password will be disabled and only login using the 'local administration function' will be possible.
- Min length for 'admin' password is 8 characters.

A new link on the login page will display a short help text as below.

