Technical Notification

COBHAM

Cobham SATCOM
Global Technical Service dept.

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SAILOR 7222 VHF DSC Class A

Subject:

New software release **version 1.10**

Priority:

High: It is highly recommended that this change / initiative be applied to all system(s) specifically due to the generally improved operational performance of the products that it offers.

Identification:

This new software version 1.10 is released for the SAILOR 7222 VHF DSC Class A and supersedes the previously released version 1.09. Changes and features in the new software release version 1.10 from previous version 1.09 comprise:

- Standby feature using Power button – **see note 1**
- I/O connection enabled – **see note 2**
- Private channels - L & F prefix – **see note 3**
- IEC 61162-450 (LWE) approved – **see note 4**
- Possible to program 00 in the start of MMSI number -**see note 5**
- Audio is sometimes missing after CU and/or TU sw update. This is fixed.
- TMA tool sometimes show wrong serial number for CU 7224. This is fixed.
- Prioritizing of position sources at LWE not working correctly when set to AUTO. This is improved.
- VHF is not using ZDA sentence. This is fixed.
- 'Position lost' popup results in alarm-panel fault. This is fixed, so Alarm Panel 6103 will not show fault state.
- The behavior and usage of the touch screen has been improved for a better user experience.
- General improved stability of the platform

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Some issues to be solved in coming releases:
- Replay functionality
- Configuration cloning
- Support for 4 pcs of SAILOR 6204 CSM (Support for 2 pcs is implemented)
- Support for BI channel table and ATIS function
- DSC printer support
- TU software update from CU

The software package, as well as new versions manuals, are available for download at the Cobham SATCOM SYNC portal at https://sync.cobham.com/satcom/

Important Note:

It is recommended to software update Transceiver Unit (TU) before updating Control Unit (CU).

After software update is done, it is required to do **Factory Reset** of the system, both Control Unit and Transceiver Unit! Once **Factory Reset** is done, please **Power Cycle** the system using the stand-by/power button. This is important, else the CU & TU will **NOT** do a re-parring.

If software update is done from version 1.05 > 1.10, please see tech note **95-180085-A** for step-by-step guide how to do update.

During software update of the Control Unit 7224 through TMA Tool, the CU will reappear as new device. This is due to the "display of wrong serial number" issue listed above.

Note 1:
New feature:
The system is an always-on system, meaning that the CU and TU cannot be turned off. A physical standby button is available to the user.
The function of the standby button is to turn off all outputs and inputs, including display, but not power down the functionality of vital systems.

Note 2:
New feature:
I/O pins (AUX OC, DSC call & DSC Alarm) can now be used for the different purposes.

Note 3:
New feature:
It is now possible to use the prefixes F and L when making private channels.

Note 4:
New feature:
It is now possible to communicate with a CAM, and other network approved equipment, over ethernet using the requirements in IEC 61162-450.

We expect updated IEC 61162-450 certificate to arrive, and be available on SYNC, very soon.

Note 5:

New feature:

When MMSI starting with 00, the radio goes into 'NON GMDSS'-mode.

Manual update:

User manual is released in version C: 98-171832-C

Installation manual is released in version C: 98-171833-C

Action:

As stated above under "Priority".

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