



THALES LITHIUM-ION CHARGER FIRMWARE USER NOTIFICATION

May2010



Problem Description:

Thales has identified an error in the firmware of charger sets delivered prior to December 2009 with firmware version **1.06e/h**. The Chargers affected are as follows:

- **1600689-1** 6-Bay Charger (AC Only)
- **1600690-1** Single Bay Charger
- **1600652-1** 6-Bay Charger (AC/DC)
- **1600653-1** 6-Bay Charger (AC Only)
- **1600654-1** Single Bay Charger

Operational Impact:

Charger firmware (Ver. 1.06e/h) may exhibit an error condition while charging batteries; as indicated by a flashing red/green LED. Chargers that experience this error condition will only charge batteries up to 70 to 90% of their full capacity (dependant on the age of the batteries being charged). They may also experience inaccurate fuel gauge readings while connected to a radio. This may or may not occur with all charge cycles or all batteries. The batteries involved are not compromised and can be used, although they may have less than 100% charge capacity and/ or show limited capacity as annotated on the radio fuel gauge.

Resolution:

The error resides in the charger firmware version **1.06e/h** and has been resolved in firmware version **1.07d**. Newly manufactured charger units with the upgraded firmware will be delivered with firmware version **1.07d** and labeled accordingly on the back of the charger.

Logistics:

For Part Numbers 1600652-1, 1600653-1, and 1600654-1

New firmware can be loaded into the charger via a PC and standard serial cable. This firmware is available on the technical resource area of our website at www.thalescomminc.com. If you are a new user to the site, please register in the Customer Support area and select 'Tactical Technical Resources Requested' during the registration process. You will receive notification of access approval at which time you will be authorized to enter the Technical Resource area and download the new firmware and instructions.

For Part Numbers 1600689-1 and 1600690-1

You must contact Customer Service at 1-800-914-0303 (option 3) or aftermarket.support@thalescomminc.com to request charger upgrade kit, **Thales P/N 1100675-501**. This upgrade kit will be provided at *no charge* and includes the proper adapter, cable, s/w, firmware, and instructions to upgrade the charger firmware.

Upgrades can be performed at the Thales facility in Clarksburg, MD by requesting a Return Material Authorization [RMA] via our website www.thalescomminc.com. Please contact Customer Support for any additional information at technical.support@thalescomminc.com or call 1-800-914-0303.