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BULLETIN NO. 415-SE-06 Rev. B DATE: October 28, 2013

APPLICABLE TO: 415SE DME (098739-0001)

SUBJECT: Use of proper ESD procedures when servicing the 415SE DME (LPDME)

EQUIPMENT AFFECTED: 415SE DME (LPDME)

There have been reported instances of equipment malfunction during scheduled maintenance activities on the 415SE DME (LPDME). This has occurred when using a handheld battery powered DVM. A problem can occur if the DVM has developed a static charge and either of its leads touches a DME test point. The static charge on the DVM would then be dissipated through the DME circuitry. This may cause a temporary upset to the DME and can cause permanent damage.

To avoid the problem please follow industry accepted ESD procedures for maintaining electronic equipment.

1. Wear an ESD wrist strap while performing maintenance on the DME or any electronic equipment
2. When using a battery powered DVM, touch the voltmeter leads to chassis ground prior to touching any test point or circuit within the 415 SE systems

Voltage measurements are made as a part of the annual periodic maintenance procedures documented in Thales instruction book 704731-0300. They may also be made during corrective maintenance.

For any question on this matter, please contact:

Thales Customer Service

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