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BULLETIN: MISC-002 Rev B

DATE: 28 October 2013

APPLICABLE TO: All Equipment Installed in Environmental 3 Conditions

SUBJECT: Right angle N-type adapters

EQUIPMENT AFFECTED: Localizer LPD Antenna Installation

ISSUE

Thales has discovered that some of the LPD antenna installations shipped after September 2009 through December 2010 included N-type adapters with a screw cap seal that may be susceptible to moisture effects if the screw seal is loose. Figure 1 shows the N-Type adapter with the screw seal.

Figure 2 shows the correct sealed body type connector which is specified for operation over the full environment III conditions.

Note: Although water ingress could cause an altered signal in space, the occurrence would be caught by the monitor and result in a system shut down; i.e., a potential continuity of service issue but not a safety issue.

REWORK INSTRUCTIONS

Check the installed localizer antenna installation to determine whether the screw type connectors are used. If screw type connectors are used, for each connector, check the screw cap with a flat blade screwdriver. If the screw is loose, then water seepage is possible. The connectors should be tightened and sealed with clear RTV and Thales contacted for replacement connectors (Thales part number 229C07-0012) that should be installed during the next scheduled maintenance period. If the screw caps are tight, then seal the cap and body junctions with clear RTV to prevent future water ingress.

For any ILS systems in storage awaiting installation, Thales recommends that these be inspected for the screw cap connector type. If the kit uses these connectors, please contact your Thales Customer Service representative for replacement connectors – Thales part number 229C07-0012.

See figures 1 and 2 for adapter types.

If you have any questions, please contact:

Thales Customer Service
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Telephone +1-913-422-2684 or 800-526-3433 (domestic calls)



Figure 1. N-type adapters – susceptible to moisture effects



Figure 2. N-type adapters – sealed and not susceptible to moisture effects