



November 14th, 2025 - Revision R001

PRODUCT CHANGE NOTIFICATION

PCN007/2025 – OEM7500 GNSS ACTIVATION UPGRADE DDN-LNN-TNN TO FDN-LNN-TNN

1. PCN OVERVIEW

PRODUCT AFFECTED

Ti5-C04-N000-NA0
Ti7-C04-N000-NB0
Ti10-C04-C100-NA0
Ti10-C04-N100-NA0
Ti10-C04-N000-NA0
Ti7-C04-C000-NB0

NEW PART NUMBER (if applicable)

Not applicable

TYPE OF CHANGE

MAJOR MINOR OBSOLESCENCE

CHANGE AFFECTS

FORM FIT FUNCTION

 RELIABILITY OTHER



2. DETAILED CHANGE INFORMATION

All products equipped with the OEM7500 GNSS module currently using activation DDN-LNN-TNN will be updated to activation FDN-LNN-TNN.

This change increases the number of supported constellations and expands the module's GNSS capabilities, as detailed below:

DDN-LNN-TNN: GPS+GLO+QZSS, L1/L2/E1/E5B/B1/B2I/B2b, SBAS L1, Single Point, 20 Hz Data Output Rate Includes GLIDE & RAIM

FDN-LNN-TNN: GPS+GLO+GAL+BDS+QZSS, L1/L2/E1/E5B/B1/B2I/B2b, SBAS L1, Single Point, 20 Hz Data Output Rate Includes GLIDE & RAIM

3. IDENTIFICATION OF AFFECTED PRODUCT

No physical changes are introduced by this update, and the part number remains unchanged. All products shipped after the notification date will already include the new activation.

4. REASON FOR CHANGE

This update aims to improve the GNSS performance of the product by enabling additional constellations available in the OEM7500 module. Expanding the activation from DDN-LNN-TNN to FDN-LNN-TNN enhances positioning robustness, satellite availability, and overall navigation reliability in challenging environments, without requiring hardware modifications or changes to the product part number.

5. IMPACTS OF THE CHANGE

The change has no impact on the physical design, part number, or manufacturing process of the product. The update affects only the GNSS activation configuration, resulting in improved satellite availability and enhanced positioning performance. Existing functionalities remain unchanged, and no adverse effects are expected.

6. PROPOSED FIRST SHIP DATE: IMMEDIATELY

The Proposed First Ship Date reflects that all products shipped immediately after the notification date will already include the updated activation

7. MORE INFORMATION

For more information, please contact your Hexagon sales or technical support person.