



CTE-N07b — GBAS Cat II/III based on Single-Constellation / Single-Frequency GNSS (GPS L1)

Single-Constellation / Single-Frequency (GPS L1) GBAS Cat II/III is deployed as a precursor to Multi-Constellation / Multi-Frequency GBAS Cat II/III. It will support Cat II/III operations until MCMF GBAS Cat II/III is available.

Category SYSTEM

Stakeholder Air Navigation Service Provider
Civil
Civil CNS Service Provider

V3 End 31-12-2016

V4 Start 31-12-2016

V5 Start 31-12-2017

V4 End 31-12-2017

V5 End 31-12-2025

Air Navigation Service Provider: 31-12-2025

Civil

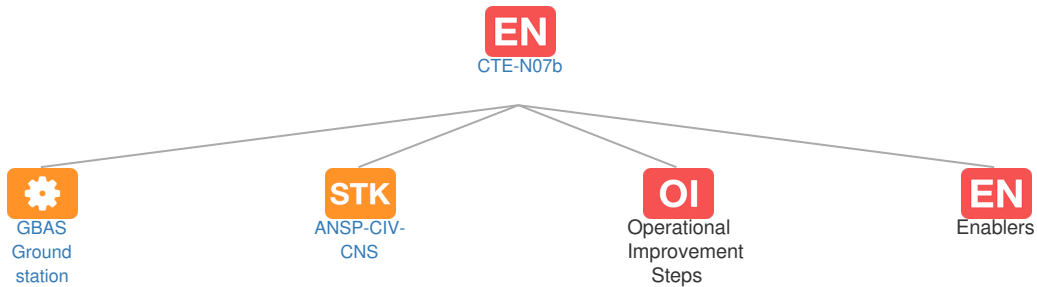
Civil CNS Service Provider: 31-12-2025

IOC 31-12-2025

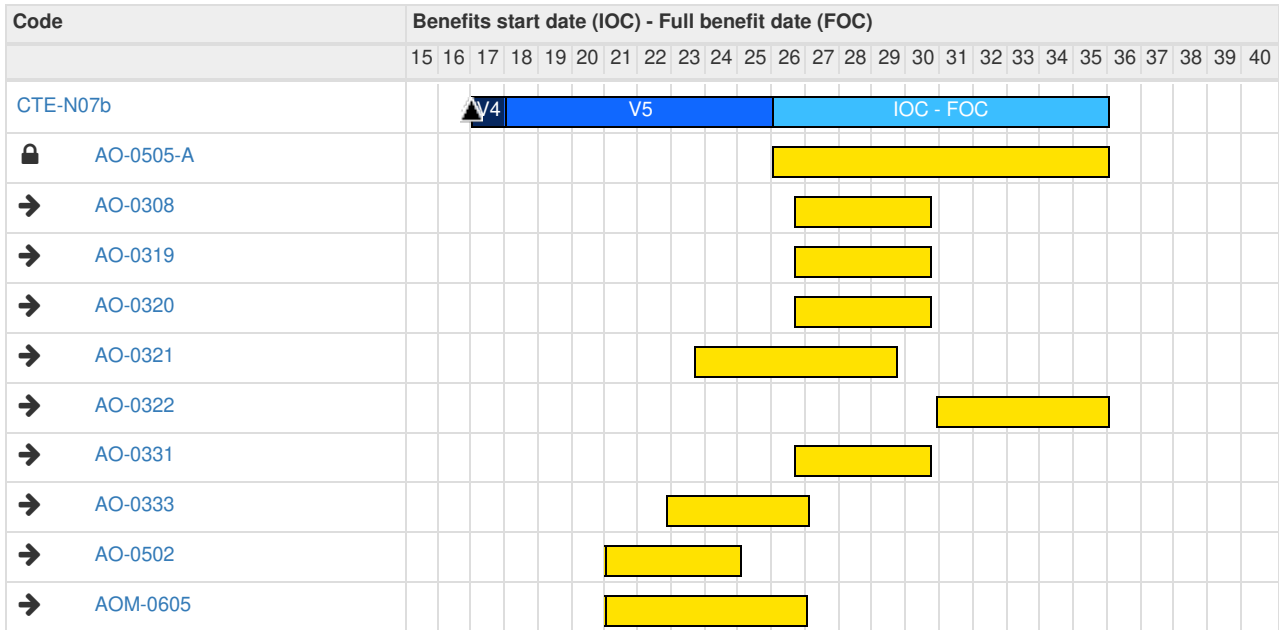
FOC 31-12-2035

Context

Related Elements



Operational Improvement Steps



Dependent Enablers

Relationship	Code	Title	Related Elements
Supported by	CTE-N07f	GBAS robustness towards interference	STK OI EN DS
Alternate	CTE-N07a	GBAS Cat I based on Single-Constellation / Single-Frequency GNSS (GPS L1)	STK OI EN ⚙️
Alternate	CTE-N07c	GBAS Cat II/III based on Multi-Constellation / Multi-Frequency (MCMF) GNSS (GPS + GALILEO / L1 + L5)	STK OI EN DS ⚙️
Alternate	CTE-N09	ILS (Instrument Landing System)	STK OI EN ⚙️
Alternate	CTE-N10	Microwave Landing System (MLS)	STK OI EN ⚙️
Is synchronised with	A/C-56a	Flight management and guidance for Precision Approach GBAS CATII/III using GPS L1	STK OI EN DS
Enabled by	STD-026	ED-114B, MOPS for GBAS ground systems to support precision approach and landing (CATIII)	EN

PCP Elements: No associated data

STK Stakeholders

Code	Title	Related Elements
ANSP	Air Navigation Service Provider	EN
ANSP-CIV-CNS	Civil CNS Service Provider	EN 👤⚙️

Standards: No associated data

OBJ Implementation Objectives: No associated data

Stakeholder Lines of Action (SLoAs): No associated data

PJ SESAR Workpackages: No associated data