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

V4 End 31-12-2017

V5 Start 31-12-2017

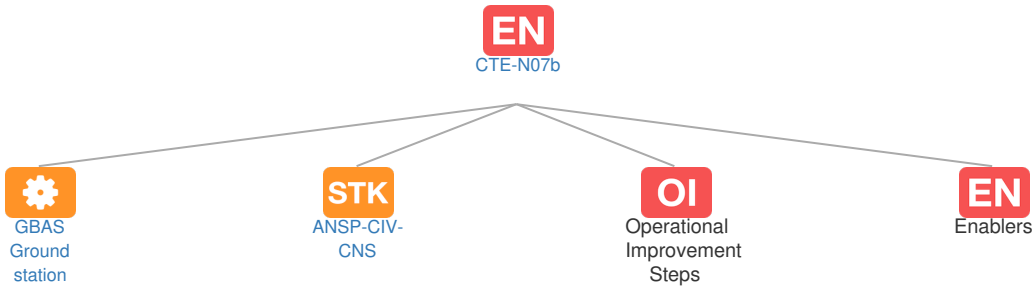
V5 End 31-12-2025
Air Navigation Service Provider: 31-12-2025
Civil
Civil CNS Service Provider: 31-12-2025

IOC 31-12-2025

FOC 31-12-2035

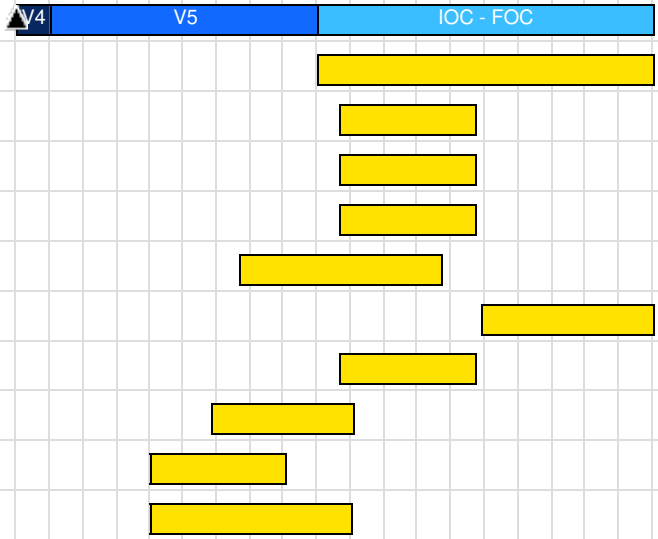
Context

Related Elements



OI Operational Improvement Steps

Code	Benefits start date (IOC) - Full benefit date (FOC)
	15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
CTE-N07b	V4 V5 IOC - FOC
AO-0505-A	
AO-0308	
AO-0319	
AO-0320	
AO-0321	
AO-0322	
AO-0331	
AO-0333	
AO-0502	
AOM-0605	



EN 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 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