



CTE-N07d — GBAS expanded service volume

Ground Based Augmentation System (GBAS) is a civil-aviation safety-critical system that supports local augmentation at airport level of the primary GNSS constellation(s) by providing enhanced levels of service. Current coverage is limited by design to Dmax range (23NM) to provide limited service to the approach, landing and departure. ICAO Annex 10 Vol. I edition 7 (applicable from 8th of November 2018) describes the options that are available for service providers in establishing service volumes, including expanded service volumes, as well as areas where GBAS can be used for advisory information.

Category SYSTEM

Stakeholder Air Navigation Service Provider
Civil
Civil CNS Service Provider

V3 End 31-12-2020

V4 Start 31-12-2022

V5 Start 31-12-2025

V4 End 31-12-2025

V5 End 31-12-2027

Air Navigation Service Provider: 31-12-2027

Civil

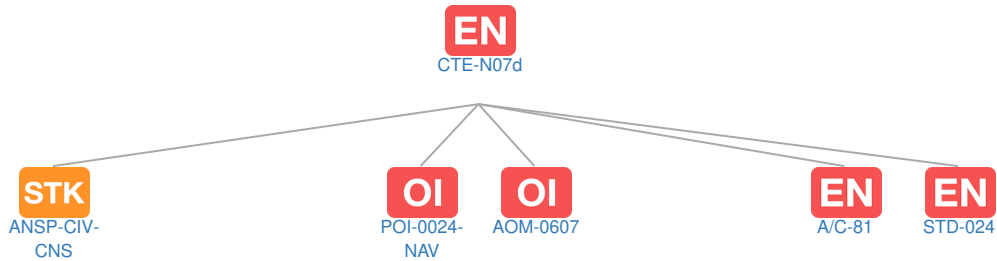
Civil CNS Service Provider: 31-12-2027

IOC 31-12-2027

FOC 31-12-2031

Context

Related Elements



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-N07d						▲			V4	V5	IOC - FOC																											
🔒 POI-0024-NAV																																						
➔ AOM-0607																																						

Dependent Enablers

Relationship	Code	Title	Related Elements
Is synchronised with	A/C-81	Flight management and guidance for Curved procedures	STK OI EN DS
Enabled by	STD-024	DO-253D MOPS on GBAS Receiver	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