



# CTE-N07e — GBAS CAT II/III based on Single-Constellation / Single-Frequency GNSS (GPS L1) extension to equatorial and Nordic regions

*GAST D extension to geographical areas with severe ionospheric conditions such as equatorial and Nordic regions. Monitoring and mitigation techniques are required to cope with the adverse ionospheric conditions.*

**Category** SYSTEM

**Stakeholder** Air Navigation Service Provider  
Civil  
Civil CNS Service Provider

**V3 End** 31-12-2022

**V4 Start** 31-12-2024

**V5 Start** 31-12-2027

**V4 End** 31-12-2027

**V5 End** 31-12-2029

**Air Navigation Service Provider: 31-12-2029**

Civil

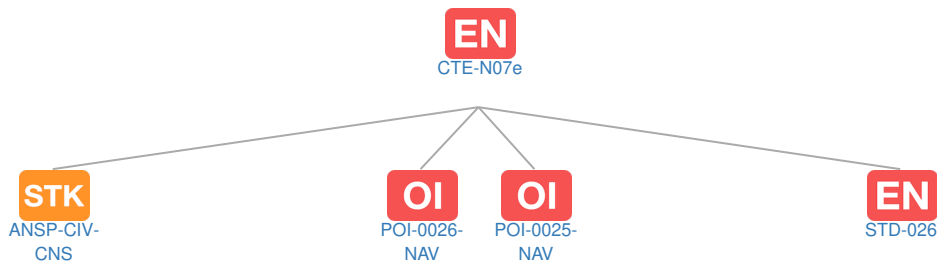
Civil CNS Service Provider: 31-12-2029

**IOC** 31-12-2029

**FOC** 31-12-2033

## 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-N07e									▲		V4	V5	IOC - FOC																												
🔒 POI-0026-NAV																																									
➔ POI-0025-NAV																																									

## EN Dependent Enablers

Relationship	Code	Title	Related Elements
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