



CTE-S04a — Wide Area Multilateration (WAM)

Wide Area Multilateration technology for the provision of independent cooperative surveillance in TMA and En-route.

Category SYSTEM

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

V3 End -

V4 Start -

V5 Start -

V4 End -

V5 End 31-12-2007

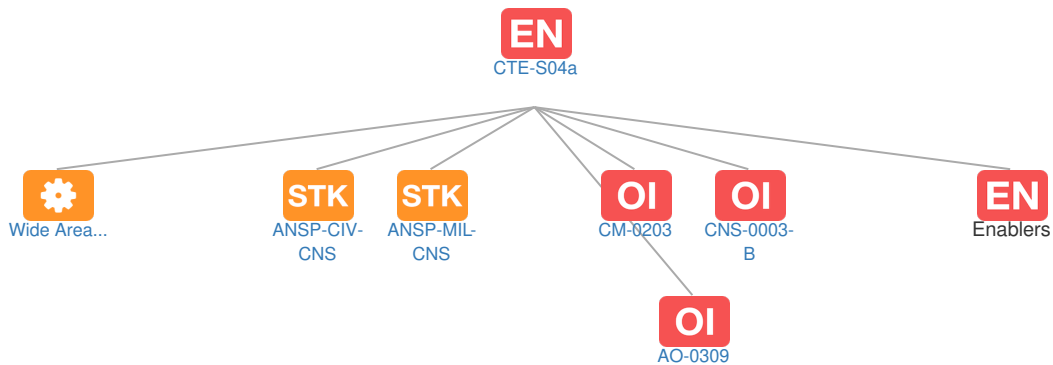
Air Navigation Service Provider: -
Civil
Civil CNS Service Provider: -
Military
Military CNS Service Provider: -

IOC 31-12-2007

FOC 31-12-2011

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-S04a																																						
CM-0203																																						
CNS-0003-B																																						
AO-0309																																						

EN Dependent Enablers

Relationship	Code	Title	Related Elements
Supported by	CTE-S07	Surveillance Performance Monitoring Tools	STK OI EN DS
Supported by	CTE-S07a	Coop sensor SPM Tool ER & TMA	STK OI EN DS
Alternate	CTE-S01a	SSR Mode A/C/S	STK OI EN DS
Alternate	CTE-S03b	ADS-B station for RAD and APT surveillance	STK OI EN OBJ DS
Alternate	CTE-S03c	New ADS-B station for future ADS-B applications	STK OI EN DS
Is synchronised with	A/C-48	Air broadcast of aircraft position (ADS-B OUT) compliant with DO260A	OI EN
Enabling	CTE-S06	Composite Surveillance	STK OI EN DS
Enabled by	GSURV-0113	EUROCAE ED142 for 1090ES Wide Area Multilateration specifications	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
ANSP-MIL-CNS	Military CNS Service Provider	EN

Standards: No associated data

OBJ Implementation Objectives: No associated data

Stakeholder Lines of Action (SLoAs): No associated data



SESAR Workpackages: No associated data