



CTE-S03b — ADS-B station for RAD and APT surveillance

ADS-B station for provision of Radar and Airport surveillance, compliant with EUROCAE ED129A and receiving ED-102A squitter format.

Category SYSTEM

Stakeholder Air Navigation Service Provider

Civil

Civil ATS Aerodrome Service Provider
Civil CNS Service Provider

Military

Military ATS Aerodrome Service Provider
Military CNS Service Provider

V3 End 31-12-2013

V4 Start 31-12-2013

V5 Start 31-12-2015

V4 End 31-12-2015

V5 End 31-12-2020

Air Navigation Service Provider: 31-12-2020

Civil

Civil ATS Aerodrome Service Provider: 31-12-2020

Civil CNS Service Provider: 31-12-2020

Military

Military ATS Aerodrome Service Provider: 31-12-2020

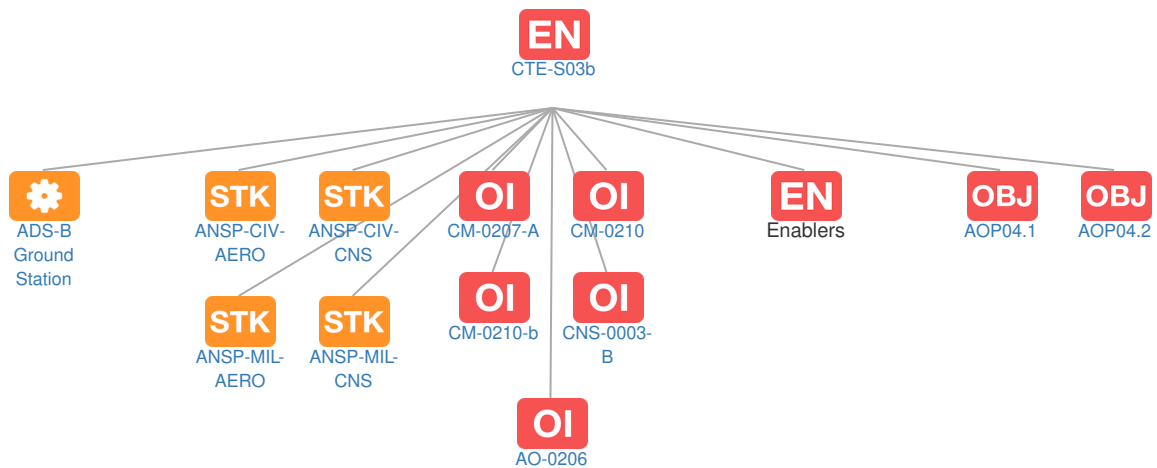
Military CNS Service Provider: 31-12-2020

IOC 31-12-2020

FOC 31-12-2024

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-S03b	4	V5				IOC - FOC																																			
🔒 CM-0207-A																																									
🔒 CM-0210																																									
🔒 CM-0210-b																																									
🔒 CNS-0003-B																																									
➔ AO-0206																																									

EN Dependent Enablers

Relationship	Code	Title	Related Elements
Supported by	CTE-S07	Surveillance Performance Monitoring Tools	
Supported by	CTE-S07a	Coop sensor SPM Tool ↵ ER & TMA	
Supported by	CTE-S07b	Coop sensor SPM Tool ↵ Surface	
Alternate	CTE-S01a	SSR Mode A/C/S	
Alternate	CTE-S04a	Wide Area Multilateration (WAM)	
Alternate	CTE-S04b	Airport Multilateration (MLAT)	
Has predecessor	CTE-S03a	ADS-B station for NRA surveillance	
Has successor	CTE-S03c	New ADS-B station for future ADS-B applications	
Is synchronised with	A/C-48a	Air broadcast of aircraft position/vector (ADS-B OUT) compliant with DO260B	
Enabled by	ADSB-0102a	ED102a ADS-B 1090 MHz Extended Squitter	
Enabled by	GSURV-0101	Surveillance Performance and Interoperability (SPI) Implementing Rule	
Enabled by	REG-0503	Amendment to SPI IR (Phase 1)	
Enabled by	REG-0504	Amendment to SPI IR	
Enabled by	STD-027	ED-129B Technical Specification for a 1090 MHz Extended Squitter ADS-B Ground Station (RAD & APT applications)	
Deployed with	ER APP ATC 164	Enhance ATC System to Receive and Integrate ADS-B data	



PCP PCP Elements: No associated data

STK Stakeholders

Code	Title	Related Elements
ANSP	Air Navigation Service Provider	EN
ANSP-CIV-AERO	Civil ATS Aerodrome Service Provider	EN 
ANSP-CIV-CNS	Civil CNS Service Provider	EN 
ANSP-MIL-AERO	Military ATS Aerodrome Service Provider	EN 
ANSP-MIL-CNS	Military CNS Service Provider	EN 

 Standards: No associated data

OBJ Implementation Objectives

Name	Description	Related Elements
AOP04.1	Advanced Surface Movement Guidance and Control System A-SMGCS Surveillance (former Level 1)	 STK SOL OI EN ICAO
AOP04.2	Advanced Surface Movement Guidance and Control System (A-SMGCS) Runway Monitoring and Conflict Alerting (RMCA) (former Level 2)	 STK OI EN ICAO

Stakeholder Lines of Action (SLoAs)

Name	Description
AOP04.1-ASP01	Install required surveillance equipment
AOP04.2-ASP01	Install required A-SMGCS RMCA function equipment

 SESAR Workpackages: No associated data