



# CTE-S01a — SSR Mode A/C/S

Independent Cooperative Surveillance using Secondary Surveillance Radar, including mode A/C and mode S technology for En-route and TMA.

**Category** SYSTEM

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

**V3 End** 31-12-2003

**V4 Start** 31-12-2003

**V5 Start** 31-12-2004

**V4 End** 31-12-2004

**V5 End** 31-12-2006

**Air Navigation Service Provider: 31-12-2006**

*Civil*

Civil CNS Service Provider: 31-12-2006

*Military*

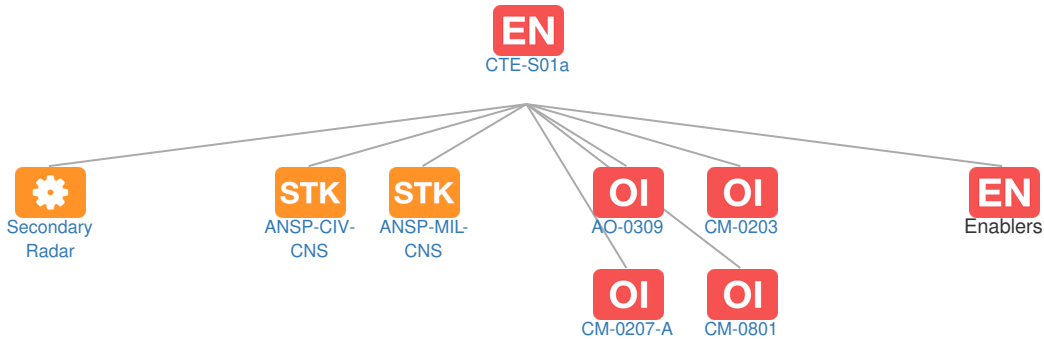
Military CNS Service Provider: 31-12-2006

**IOC** 31-12-2006

**FOC** 31-12-2010

## 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-S01a																											
AO-0309																											
CM-0203																											
CM-0207-A																											
CM-0801																											

## 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-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 ⚙️
Alternate	CTE-S04a	Wide Area Multilateration (WAM)	STK OI EN DS ⚙️
Enabled by	GSURV-0101	Surveillance Performance and Interoperability (SPI) Implementing Rule	EN OBJ
Enabled by	REG-0503	Amendment to SPI IR (Phase 1)	EN
Enabled by	STD-071	MOPS for Mode S transponder	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