



A/C-33a — Class B SATCOM

Description: Satellite A-G datalink in multilink or in a standalone environment, based on existing recent commercial SATCOM systems (e.g. Inmarsat SBB), allowing augmentation of the terrestrial VDL2 network capability for increased datalink capacity and availability in continental airspace, and also the capability to extend support for i4D operations in oceanic areas (where the terrestrial VDL capability is not available)

Category SYSTEM

Stakeholder **Airspace User**

Civil

- Civil Scheduled Aviation
- Civil Business Aviation-Fixed Wing
- Civil Business Aviation-Rotorcraft
- Civil General Aviation

Military

- Military Transport

V3 End 31-12-2016

V4 Start 31-12-2018

V5 Start 31-12-2020

V4 End 31-12-2020

V5 End 31-12-2020

Airspace User: 31-12-2020

Civil

- Civil Scheduled Aviation: 31-12-2020
- Civil Business Aviation-Fixed Wing: 31-12-2020
- Civil Business Aviation-Rotorcraft: 31-12-2020
- Civil General Aviation: 31-12-2020

Military

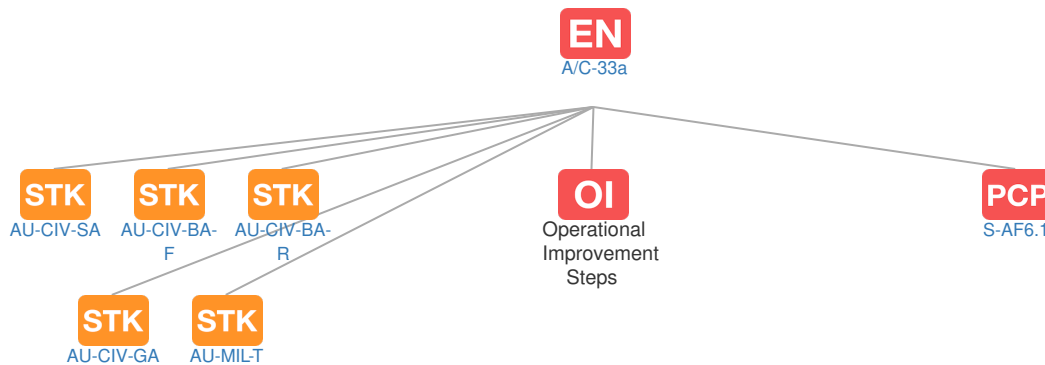
- Military Transport: 31-12-2021

IOC 31-12-2020

FOC 31-12-2026

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											
A/C-33a			▲			V4																															
🔒 AOM-0702-B																																					
🔒 AOM-0705-B																																					
🔒 AUO-0303-C																																					
🔒 CM-0605																																					
🔒 CM-0606																																					
🔒 IS-0303-A																																					
🔒 POI-0018-COM																																					
➔ AO-0307																																					
➔ AUO-0308-A																																					
➔ AUO-0309																																					

EN Dependent Enablers: No associated data

PCP PCP Elements

Code	Title	Related Elements
S-AF6.1	Initial trajectory information sharing (i4D)	SOL OI EN ICAO

STK Stakeholders

Code	Title	Related Elements
AU	Airspace User	EN
AU-CIV-BA-F	Civil Business Aviation-Fixed Wing	EN
AU-CIV-BA-R	Civil Business Aviation-Rotorcraft	EN
AU-CIV-GA	Civil General Aviation	EN
AU-CIV-SA	Civil Scheduled Aviation	EN 
AU-MIL-T	Military Transport	EN 

 Standards: No associated data

OBJ Implementation Objectives: No associated data

Stakeholder Lines of Action (SLoAs): No associated data



SESAR Workpackages: No associated data