



ER APP ATC 14 — Enhance Short Term Conflict Alert (STCA) to use Downlinked Aircraft Parameters

STCA is to be enhanced through the use of parameters downlinked via Mode-S (so called Downlinked Aircraft Parameters, or DAP). Current and frequently changing aircraft kinematic parameters shall be used to improve the short term prediction of aircraft manoeuvres. This will result in reduction of false alert rates for Short Term Conflict Alert (STCA).

Category SYSTEM

Stakeholder Air Navigation Service Provider

Civil

Civil ATS Approach Service Provider

Civil ATS En-Route Service Provider

V3 End 31-12-2013

V4 Start 31-12-2013

V5 Start 31-12-2015

V4 End 31-12-2015

V5 End 31-12-2015

Air Navigation Service Provider: 31-12-2015

Civil

Civil ATS Approach Service Provider: 31-12-2015

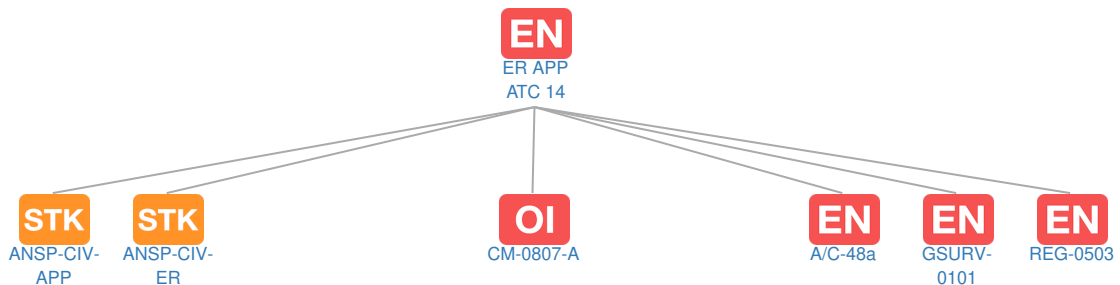
Civil ATS En-Route Service Provider: 31-12-2015

IOC 31-12-2015

FOC 31-12-2027

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										
ER APP ATC 14	4	IOC - FOC																																		
CM-0807-A																																				

EN Dependent Enablers

Relationship	Code	Title	Related Elements
Is synchronised with	A/C-48a	Air broadcast of aircraft position/vector (ADS-B OUT) compliant with DO260B	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

PCP PCP Elements: No associated data

STK Stakeholders

Code	Title	Related Elements
ANSP	Air Navigation Service Provider	EN
ANSP-CIV-APP	Civil ATS Approach Service Provider	EN
ANSP-CIV-ER	Civil ATS En-Route 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