



CM-0807-A — Enhanced Short Term Conflict Alert using Mode S EHS data

Short Term Conflict Alert (STCA) using the following Aircraft Derived Data via Mode S Enhanced Surveillance (EHS) (DAP) in order to improve the STCA performance:

- Track Angle Rate,
- MCP/FCU Selected Altitude (SFL),

The STCA must remain robust against information error or lack of information.

Rationale The data will be used when available to facilitate improved accuracy of the STCA trajectory predictions. The objective is to reduce the number of nuisance alerts in situation managed by ATC and to increase the warning time in case of unsafe aircraft manoeuvres.

Forecast V3 end date -

Benefits start date (IOC) 31-12-2015

Full benefits date (FOC) 31-12-2027

Current Maturity Level V3 finalised

Solution Data Quality Index -

Current Maturity Phase R&D Finalised

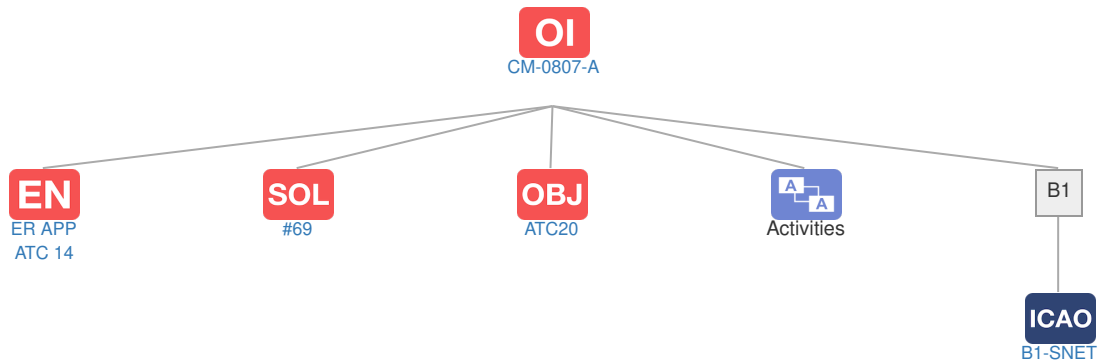
Scope -

Release R3

PCP Status -

Context

Related Elements



EN Enablers

Code	Dates																										
	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	
CM-0807-A																											
ER APP ATC 14	4																										

OI Dependent OI Steps

Relationship	Code	Title	Related Elements
Has successor	CM-0807-B	Enhanced Ground-based Safety Nets Using ADS-B information	

SOL SESAR Solutions

Code	Title	Program	Related Elements
#69	Enhanced STCA with down-linked parameters	SESAR1	

PCP PCP Elements: No associated data

OBJ Implementation Objectives

Code	Title	Related Elements
ATC20	Enhanced STCA with down-linked parameters via Mode S EHS	

ICAO ICAO Block Modules

Designator	Title	Related Elements
B1	B1-SNET Ground-based Safety Nets on Approach	