



CM-0104-B — Automated support to INAP (Integrated Network Management and Extended ATC Planning) function

Local DCB actors and Extended ATC Planning actors are working within an INAP (Integrated Network Management and Extended ATC Planning) working environment providing access to all capacity and flow/trajectory management options and shared ATFCM/ATC situation awareness on both DCB and ATC sides.

The local roles within INAP (corresponding to Local Traffic Management and Extended ATC Planning) will be able to assess and resolve local complex situations (e.g. hotspots) through assessment of evolving traffic situation and evaluation of opportunities, in order to identify and manage the best performing option between Dynamic Airspace Configuration measures, flow management measures and trajectory measures (e.g. strategic de-confliction/synchronization).

This OI includes the set-up of an automated interface and related procedures between Local NM function and ATC Planning, to optimize the ATM resource management and improve the effectiveness of complexity resolutions through collaborative rules and decision approach involving all the relevant actors.

Rationale Support for INAP stretches from around 6 hours to 30 minutes before entry in the sector. The major objective of INAP function is to optimize ATC team's workload and solve complexity situations (e.g. hotspots, optispots, crisis spots): providing support to the control team level of operation will improve situation awareness in the dynamic airspace management environment and provide solutions with best performance effects in terms of service and use of resources.

Forecast V3 end date -

Benefits start date (IOC) 31-12-2027

Full benefits date (FOC) 31-12-2031

Current Maturity Level V2

Solution Data Quality Index -

Current Maturity Phase R&D

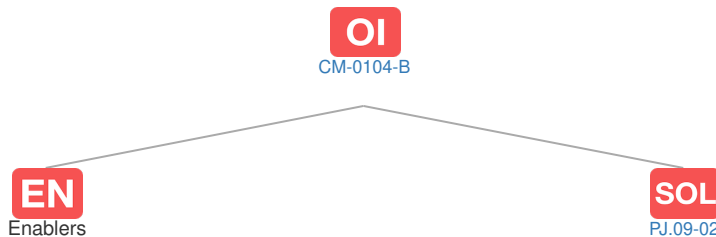
Scope -

Release 2020

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-0104-B																											
NIMS-46																											
SWIM-APS-03b																											
SWIM-APS-04b																											
SWIM-INFR-05b																											
SWIM-SUPT-01b																											
SWIM-SUPT-03b																											

OI Dependent OI Steps

Relationship	Code	Title	Related Elements
Has predecessor	CM-0104-A	Automated Controller Support for Trajectory Management during the planning phase	
Has predecessor	CM-0106	Initial support to INAP - basic EAP (Extended ATC Planning) function	

SOL SESAR Solutions

Code	Title	Program	Related Elements
PJ.09-02	Integrated Local DCB Processes	SESAR 2020 Wave 1	

PCP Elements: No associated data

Implementation Objectives: No associated data

ICAO Block Modules: No associated data