



NIMS-49 — Multiple Constraint Resolver

NM system functionality will be enhanced for the consolidation of multiple conflicting constraints. Evolution of the existing CASA slot algorithms towards a 'Multiple Constraint Resolver' with the option to evolve towards a 'Multiple Trajectory Optimizer' using a target function for all stakeholders according to agreed KPIs.

Category SYSTEM

Stakeholder **Air Navigation Service Provider**
Airport Operator
Airspace User
Civil
Civil Flight Operations Centre
Network Manager

V3 End 31-03-2021

V4 Start 31-03-2021

V5 Start 01-04-2022

V4 End 01-04-2022

V5 End 01-04-2023

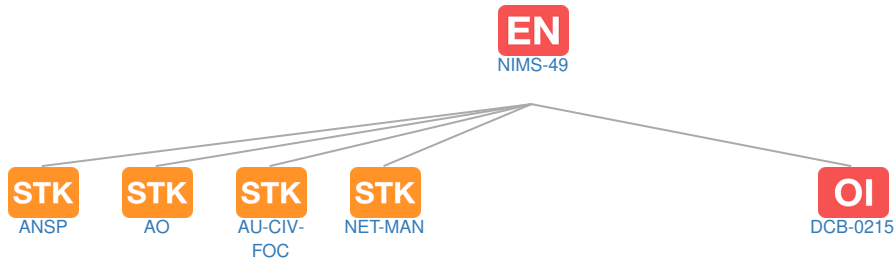
Air Navigation Service Provider: -
Airport Operator: -
Airspace User: -
Civil
Civil Flight Operations Centre: -
Network Manager: 01-04-2023

IOC 01-04-2023

FOC 01-04-2027

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
NIMS-49								V4	V5	IOC - FOC																
DCB-0215																										

EN Dependent Enablers: No associated data

PCP PCP Elements: No associated data

STK Stakeholders

Code	Title	Related Elements
ANSP	Air Navigation Service Provider	EN
AO	Airport Operator	EN
AU	Airspace User	EN
AU-CIV-FOC	Civil Flight Operations Centre	EN
NM	Network Manager	EN
NET-MAN	Network Manager	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