



SDM-0203 — Generic' (non-geographical) Controller Validations

Advanced automation and other future concepts (e.g. 4D Trajectory management), harmonising ATC working methods and decreasing ATCOs tactical tasks, allow controllers to hold more generic validations rather than validations based purely on specific (geographic) sectors.

Rationale Generic validations will allow greater flexibility to match ANSP resources to predicted demand. Controllers will hold more generic validations, supported by advanced automation capabilities leading to more consistent operating techniques less reliant upon detailed knowledge of specific local systems, airspace and procedures. ATCO deployment efficiency is expected to improve due to controller validations no longer being linked to a specific geographical location, but only to a given airspace type (yet to be defined). However, there may be a cost efficiency trade-off between ATCO deployment efficiency and individual ATCO productivity in terms of number of aircraft they can handle per hour, which in turn impacts Capacity. This trade-off will need further exploration, while ensuring that Safety is maintained and Human Performance is acceptable. In addition, training requirements are expected to change due to new procedures and systems.

Forecast V3 end date -

Benefits start date (IOC) -

Full benefits date (FOC) -

Current Maturity Level V1

Solution Data Quality Index -

Current Maturity Phase R&D

Scope Network

Release -

PCP Status -

Context

Related Elements



SDM-0203



PJ.10-06

EN Enablers: No associated data

OI Dependent OI Steps: No associated data

SOL SESAR Solutions

Code	Title	Program	Related Elements
PJ.10-06	Generic' (non-geographical) Controller Validations	SESAR 2020 Wave 1	SOL PJ OI DS EOC

PCP PCP Elements: No associated data

OBJ Implementation Objectives: No associated data

ICAO ICAO Block Modules: No associated data