



IS-0303-A — Downlink of on-board 4D trajectory data to enhance ATM ground system performance: initial and time based implementation

Continued improvement in the performance of ground-based systems, such as Trajectory Predictors, through the use of down-linked data taken from the aircraft's predicted trajectory. The following data will be downlinked:

1) Trajectory downlinks, provided in accordance with parameters specified by ATC, for update of the ground system data (through ADS-C EPP).

2) ETA Min/Max values (e.g. for ground calculation of a time constraint (CTO/CTA) that can be reliably achieved within the performance capabilities of the aircraft concerned, in the prevailing wind conditions, for the point concerned).

Rationale -

Forecast V3 end date -

Benefits start date (IOC) 31-12-2022

Full benefits date (FOC) 31-12-2027

Current Maturity Level V2

Solution Data Quality Index -

Current Maturity Phase R&D

Scope Network

Release R5

PCP Status PCP

Context

Related Elements



