

## IS-0302 — Use of Aircraft Derived Data (ADD) to enhance ATM ground system performance.

Continued improvement in ATC operations and in the performance of ground-based systems, such as Trajectory Predictors, through the use of Aircraft Derived Data (e.g. aircraft position and state) subject to quick variations and/or frequent updates. It is anticipated that these data will be obtained from the Mode S transponder (via Mode S datalink) and / or from ADS-B out.

Rationale The data will be used when available to facilitate improved accuracy of the ground trajectory predictions and improved ATC procedures. It is expected to also improve the performance of ATC decision support

tools (e.g. by reduced uncertainty of climb and descent profiles).

Forecast V3 end date -

Benefits start date (IOC) 31-12-2022

Full benefits date (FOC) 31-12-2017

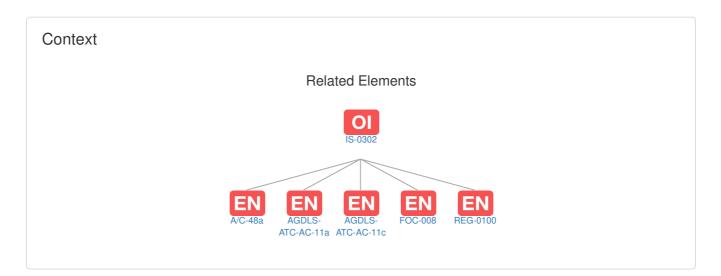
Current Maturity Level V3 Solution Data Quality Index

Current Maturity Phase R&D

Scope Local

Release R8

PCP Status -



Source: European ATM Portal - Report produced: 01-12-2022 - Date refresh: 28-11-2022

EATMA data version: EATMA V12.1 - ATM Master Plan data set version: Dataset 19 Public - MP L3 Edition: MP L3 Plan 2019

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
IS-0	IS-0302									<u> </u>																	
	A/C-48a	FO	C																								
	AGDLS-ATC-AC-11a																										
	AGDLS-ATC-AC-11c																										
	FOC-008						4	¥.	4	Δ																	
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- OI Dependent OI Steps: No associated data
- SESAR Solutions: No associated data
- PCP PCP Elements: No associated data
- **OBJ** Implementation Objectives: No associated data
- ICAO Block Modules: No associated data