



## IS-0305 — Automatic RBT Update through TMR

*The event-based Trajectory Management Requirements (TMR) logic is specified by the ground systems on the basis of required time interval and delta of current Predicted Trajectory (PT) versus previously downlinked PT. TMR parameters can be static/globally defined or dynamic/flight-specific. This process is transparent to ATCOs and pilots (deviation alerts that are relevant for the ATCO should be associated with larger tolerance than ground-managed TMR).*

**Rationale** The objective is to improve ground trajectory prediction by use of airborne data while optimising the communication bandwidth. The improvement may be in several steps starting with fixed/pre-defined periodic downlink (possibly varying according to airspace and/or phase of flight), then event-based ground-managed TMR, then static airborne-managed TMR parameters (the detection of deviation being performed by airborne systems), then dynamic airborne-managed TMR parameters (defined on the ground and uplinked as appropriate).

**Forecast V3 end date** -

**Benefits start date (IOC)** 31-12-2015

**Full benefits date (FOC)** 31-12-2019

**Current Maturity Level** -

**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															
IS-0305																																									
 AGSWIM-38																																									

**OI** Dependent OI Steps: No associated data

**SOL** SESAR Solutions: No associated data

**PCP** PCP Elements: No associated data

**OBJ** Implementation Objectives: No associated data

**ICAO** ICAO Block Modules: No associated data