



POI-0006-CNS — Low Radio Frequency Impact Surveillance

There is the need of Radio Frequency emission reduction due to ICAO mandates and the saturation of spectrum. New surveillance techniques such as composite surveillance systems and (MRTC) Surveillance (Multi Remote tower Control, validate ADS-B emissions reducing the rate of interrogations required by other systems to mantian the required performance. Phase overlay technology makes a more efficient use of spectrum transmitting more quantity of data than ADS-B transmissions using Pulse-position modulation(PPM) modulation.

Rationale Needed to comply with RF pollution reduction standards (ICAO Annex 10 for WAM, ECTRL EMS for Mode S)

Forecast V3 end date 31-12-2025

Benefits start date (IOC) 31-12-2024

Full benefits date (FOC) 31-12-2028

Current Maturity Level V1

Solution Data Quality Index -

Current Maturity Phase R&D

Scope -

Release -

PCP Status -

Context

Related Elements



