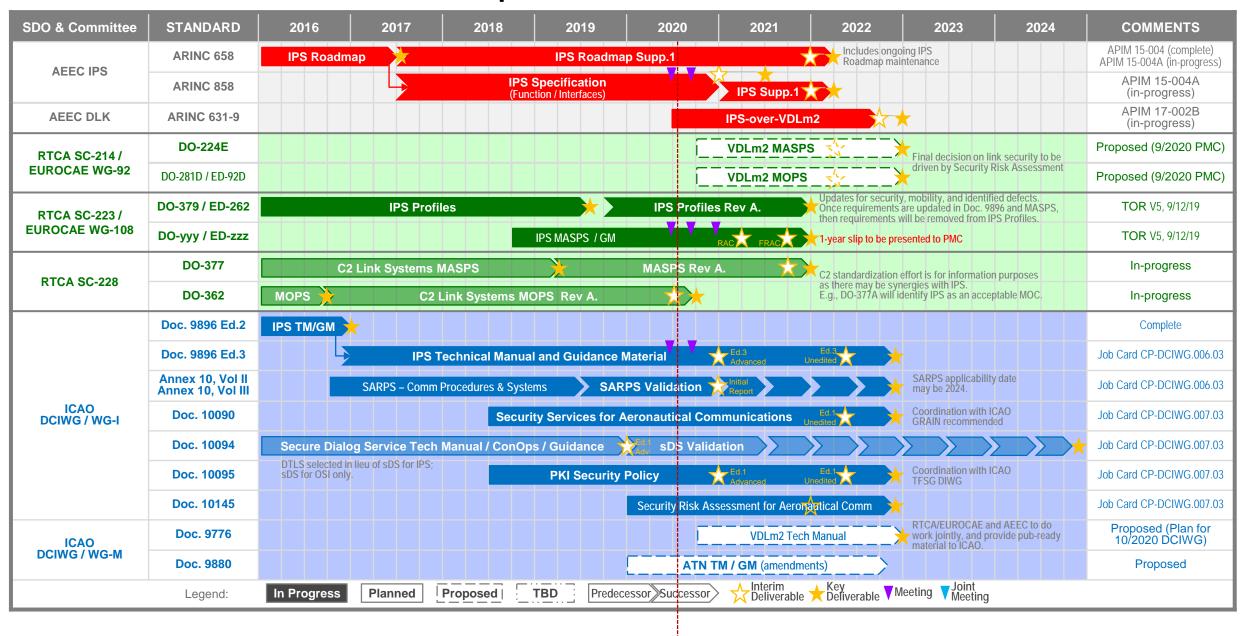# ATN/IPS A/G Standardization Roadmap (rev. 2020-07-15)

SDO & Committee	STANDARD	2016	2017	2018	2019	2020	2021	2022	2023	2024	COMMENTS
AEEC IPS	ARINC 658	IPS Roadmap		IPS Roadmap Supp.1							Includes ongoing IPS Roadmap maintenance / APIM 15-004 (complete) APIM 15-004A (in-progress)
	ARINC 858		IPS Specification (Function / Interfaces)				IPS Supp.1				APIM 15-004A (in-progress)
AEEC DLK	ARINC 631-9					IPS-over-VDLm2					APIM 17-002B (in-progress)
RTCA SC-214 / EUROCAE WG-92	DO-224E						VDLm2 MASPS				Proposed (9/2020 PMC)
	DO-281D / ED-92D						VDLm2 MOPS				Proposed (9/2020 PMC)
RTCA SC-223 / EUROCAE WG-108	DO-379 / ED-262		IPS Profiles			IPS Profiles Rev A.					TOR V5, 9/12/19
	DO-yyy / ED-zzz			IPS MASPS / GM			RAC FRAC 1-year slip to be presented to PMC				TOR V5, 9/12/19
RTCA SC-228	DO-377		C2 Link Systems MASPS			MASPS Rev A.					In-progress
	DO-362	MOPS	C2 Link Systems MOPS Rev A.								In-progress
ICAO DCIWG / WG-I	Doc. 9896 Ed.2	IPS TM/GM									Complete
	Doc. 9896 Ed.3			IPS Technical Manual and Guidance Material			Ed.3 Advanced Ed.3 Unedited				Job Card CP-DCIWG.006.03
	Annex 10, Vol II / Annex 10, Vol III			SARPS – Comm Procedures & Systems		SARPS Validation (Initial Report)					SARPS applicability date may be 2024. / Job Card CP-DCIWG.006.03
	Doc. 10090				Security Services for Aeronautical Communications		Ed.1 Unedited				Coordination with ICAO GRAIN recommended / Job Card CP-DCIWG.007.03
	Doc. 10094		Secure Dialog Service Tech Manual / ConOps / Guidance		Ed.1 Adv sDS Validation						Job Card CP-DCIWG.007.03
	Doc. 10095	DTLS selected in lieu of sDS for IPS; sDS for OSI only.			PKI Security Policy		Ed.1 Advanced Ed.1 Unedited				Coordination with ICAO TFSG DIWG / Job Card CP-DCIWG.007.03
	Doc. 10145				Security Risk Assessment for Aeronautical Comm						Job Card CP-DCIWG.007.03
ICAO DCIWG / WG-M	Doc. 9776					VDLm2 Tech Manual					RTCA/EUROCAE and AEEC to do work jointly, and provide pub-ready material to ICAO. / Proposed (Plan for 10/2020 DCIWG)
	Doc. 9880					ATN TM / GM (amendments)					Proposed

Legend: In Progress · Planned · Proposed · TBD · Predecessor / Successor · ☆ Interim Deliverable · ★ Key Deliverable · ▼ Meeting · ▼ Joint Meeting

Final decision on link security to be driven by Security Risk Assessment

Updates for security, mobility, and identified defects. Once requirements are updated in Doc. 9896 and MASPS, then requirements will be removed from IPS Profiles.

C2 standardization effort is for information purposes as there may be synergies with IPS. E.g., DO-377A will identify IPS as an acceptable MOC.

Time Now