

27 February 2024 (with post-meeting update)

AEEC IPS Standards

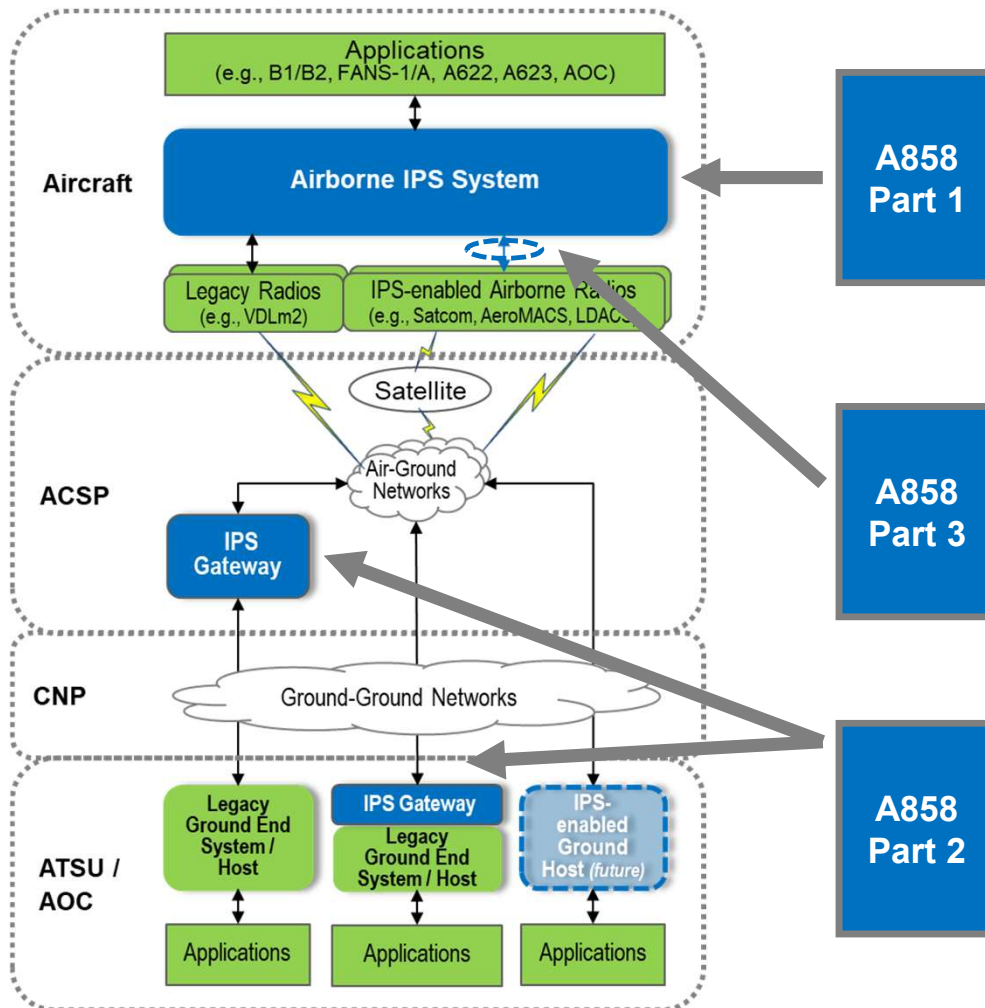
Timelines and Review Approach

MICHAEL OLIVE
Systems Engineering Consultant



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[ARINC 858 Scope]



ARINC Specification 858 – Internet Protocol Suite (IPS) for Safety Services Technical Requirements

Part 1 – Airborne IPS System (175 pages)

- Architecture and Functional Requirements
- Security Requirements
- Implementation Options
- ACARS to IPS Dialogue Service Convergence Function
- IPS Security Event Log Format

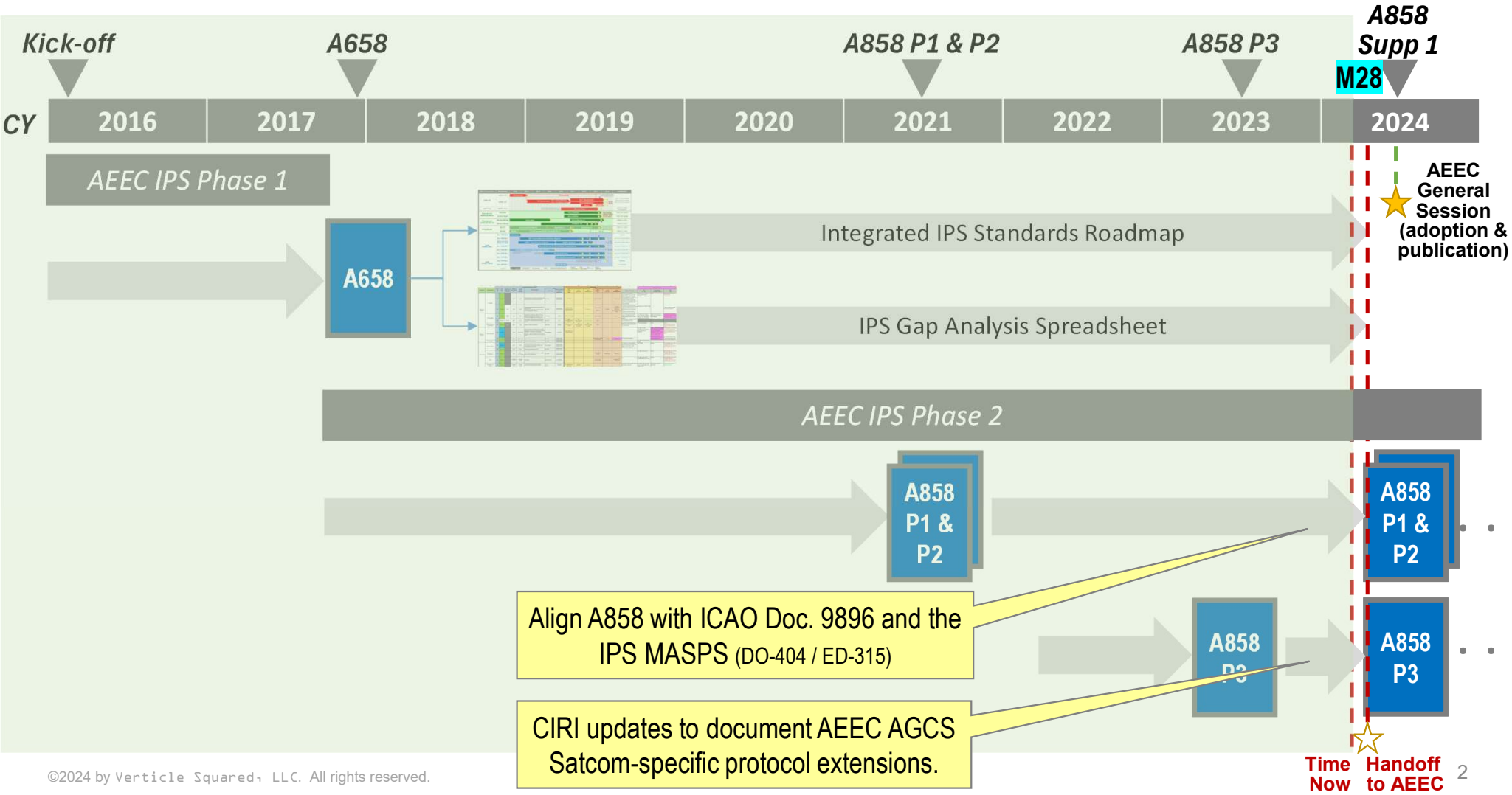
Part 3 – Common IPS Radio Interface Protocol (52 pages)

- Common “plug-and-play” interface for IPS-enabled airborne radios – in lieu of radio-unique interfaces
- Protocol specification, message structure, and operation

Part 2 – IPS Gateway Air-Ground Interoperability (70 pages)

- IPS transition environment and considerations
- Functional requirements (associations, state mapping, protocol conversion, security, support services)
- IPS Gateway for ACARS
- IPS Gateway for ATN/OSI

[AEEC IPS Standards Timeline]



[Action Item Status as of M28]

Start of M28

	A858		
	Part 1	Part 2	Part 3
Open	10	2	1
Closed	53	10	18
Supp1	0	0	0
Deferred	0	0	0
Deleted	4	0	0
TOTAL	67	12	19
% Complete	85%	83%	95%



Conclusion of M28

	A858		
	Part 1	Part 2	Part 3
Open	2	0	0
Closed	58	12	19
Supp2	3	0	1
Deferred	0	0	0
Deleted	4	0	0
TOTAL	67	12	20
% Complete	97%	100%	100%

To be revisited after the ICAO WG-I ad-hoc on 27-March

To be addressed in a future supplement

[Proposed Document Review Approach]

Part 3

- **Review yellow-highlighted text proposed to address open action items from last telecon**
- **Revise text as necessary in real-time to close the actions satisfactorily**
- **Discuss any other comments and suggested improvements from participants**

Parts 1 and 2

- **Current documents do not contain additional proposed text since the last telecon**
- **Review the small number of open comments/actions and make every effort to resolve them in real-time during the meeting**
- **Discuss any other comments and suggested improvements from participants**

For any remaining open action items ...

- **Identify any action items that need to be held open for the next supplement**
- **For immediate actions, assign action item owner to resolve within the next few weeks**
- **Schedule a follow-up telecon before the end of March to review proposed resolutions**