International MRB Policy Board

Issue Paper (IP)

IP Number: 219
Initial Date (DD/MMM/YYYY): 17/May/2024
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Effective Date (DD/MMM/YYYY): 16/Jul/2024
Retroactivity (Y/N): N

Title:	AC Zones, include S1000D as option to iSpec2200	Applies To:	
		MSG-3 Vol 1	X
		MSG-3 Vol 2	X
Submitter:	RMPIG	IMPS	

Issue:

Current paragraph 2.5-1 within MSG-3 limits aircraft zones as being defined in ATA iSpec 2200. "**2-5-1 Procedure** The following procedures may be used a) Divide the aircraft externally and internally into zones as defined in [ATA iSpec 2200], (formerly ATA Spec 100)."

Note that another paragraph in MSG-3 reads as follows: **Paragraph 2-4-4.** ; "**1. Procedure** The procedure for developing structural maintenance tasks is shown in the logic diagram (Ref. [Figure 2-4-4.1]) and described by a series of process steps (P1, P2, P3, etc.) and decision steps (D1, D2, D3, etc.) as follows: a. The structural maintenance analysis is to be applied to all aircraft structure which is divided into zones or areas (P1) and structural items (P2) by the manufacturer".

Problem:

iSpec 2200 ATA scope is limited to fixed wing aircraft and the specification is based upon SGML and DTDs, and not all air vehicle manufacturers publish manuals in SGML and DTDs any longer.

S1000D scope is more generalized to any product (air, land, sea, etc.), and the specification is based upon XML making data reuse easier and more efficient. Specification includes a figure example of a "zoned" helicopter.

Comparison of Major Zones and Major Sub-zones between the two specifications reveals they are similar if not identical.

Recommendation (including Implementation):

Proposed new Paragraph 2-5-1 is as follows.

a)   Divide the aircraft externally and internally into zones as defined in [ATA iSpec 2200], (formerly ATA Spec 100) or [S1000D].

and inclusion into the list in *Annex 1. References* the new reference for similarity with already reported ones:

[S1000D]   International specification for technical publications
AeroSpace and Defence Industries Association of Europe (http://s1000d.org), Brussels, Belgium

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IMRBPB Position:	
Date:	17 May 2024
Position:	Agreed, closed in 2024 meeting as IP 219
Recommendation for Implementation:	As per effective date

Status of the Issue Paper:	X	Active
		Incorporated in MSG-3 / IMPS (with details)
		Archived

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