

Proposed Agenda
AEEC Software Distribution and Loading (SDL) Subcommittee

ARINC Industry Activities
Melbourne, Florida
November 17-19, 2016

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|--|---|
| 1. Welcome and Admin Info | Ted Patmore
Rod Gates
Scott Smith |
| 2. Introductions | All |
| 3. Review Agenda and Previous Action Items | All |

Overview:

- Name changed for this subcommittee from SDL “Software Data Loader” to SDL “Software Distribution and Loading”
- Summary of meeting work:
 - **ARINC Project Paper 849:** *Avionics Shop Loading of Line Replaceable Units*, APIM 13-007; (In work)
 - **ARINC Project Paper xxx:** *Common Standards for Aircraft Software Loading and Data Management*. APIM 16-002; (In work)
 - **New ARINC Project xxx,** *eEnabled Aircraft Ground System for Managing and Distributing Software Parts*, APIM 16-015; (Initial work)
 - Week for Co-Located FLS / ASDM / SDL Work (See Last Page)
 - FLS and ASDM Work Together Day on ASDM project (See Last Page)

Wednesday (1300-1700)

- **ARINC Project Paper 6xx:** Common Standards for Aircraft Software Loading and Data Management
 - Review changes to document since last meeting
 - Work AIs assigned from last meeting
 - Review and work document structure
 - Determine content items
 - Terms (Software Management Language)
 - Integrity Methods (CRC and others)
 - Security Methods (authenticity methods)

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Thursday:

(0900-1200)

- **New ARINC Project xxx**, *eEnabled Aircraft Ground System for Managing and Distributing Software Parts*
 - Define List of API functions required for Phase 1 implementation.

(1300-1700)

- **Continue (if appropriate at this time); ARINC Project xxx**, *eEnabled Aircraft Ground System for Managing and Distributing Software Parts*
- **ARINC Project Paper 849**: *Avionics Shop Loading of Line Replaceable Units*, APIM 13-007
 - Review modifications since last meeting
 - Discuss remaining items needed for document maturity
 - Goal is to have mature for April AEEC GS

Friday

- **SDL Subcommittee Steering**
 - Next Meeting Location / Date
 - Discuss future work
 - Review Parking Lot Items
 - Discuss on-going SDL Projects, deliverables, and milestones
- **ARINC Project Paper 849**: *Avionics Shop Loading of Line Replaceable Units*
 - Review modifications since last meeting
 - Discuss remaining items needed for document maturity
 - Goal is to have mature for April AEEC GS

Afternoon (As Required)

- Continue work on **ARINC Project Paper 849**: *Avionics Shop Loading of Line Replaceable Units*

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Availability of Materials

- All of the drafts, strawman papers, and working papers can be downloaded from the AEEC Software Data Loader Subcommittee webpage, found here:

<http://www.aviation-ia.com/aeec/projects/sdl/index.html>

Action Items from Last Meeting

1. Research industry software security documents for applicability to air transport software data loading – Delta Air Lines, Boeing
2. Revise ARINC Project Paper 849: *Software Data Loading Requirements for Avionics Shop Loading* – Delta Air Lines
3. Review all documents and provide inputs and comments as needed - All

Presentations

PRESENTATIONS SCHEDULED	COMPANY

Co-Located Meeting Information Shown Below:

Week Plan for Co-Located FLS / ASDM / SDL Work

November 15-18, 2016

Location: Melbourne, FL.

Hosted by ARINC IA

FLS and ASDM Work Together Day on ASDM project

Sunday Nov 13	Monday Nov 14	Tuesday Nov 15	Wed_(Joint FLS/ASDM) Nov 16	Thurs Nov 17	Friday Nov 18	Saturday Nov 19
	FLS	FLS	FLS			
			ASDM	ASDM		
			SDL 13:00 - 1700	SDL	SDL	

- AMC Aircraft Support Data Management (ASDM) Working Group
 - Original goal is to streamline cabin software management processes. Support software requires some level of control, but less than that require for flight function software.
 - Defines a class of SW/Data (ASD) to reference in A667
 - **ARINC Project Paper 675: Aircraft Support Data Management**
- AMC Field Loadable Software (FLS) Working Group
 - **ARINC Specification 667A: Guidance for Management of Field Loadable Software**
- AEEC Software Data Loader Subcommittee
 - **ARINC Project Paper 849: Avionics Shop Loading of Line Replaceable Units**
 - **ARINC Project Paper 6XX: Common Standards for Aircraft Software Loading and Data Management**
 - **New ARINC Project xxx: eEnabled Aircraft Ground System for Managing and Distributing Software Parts**