

To Airline Industry Lists **Date** April 9, 2010
From P. J. Prisaznuk **Reference** 10-050/AXX-160 sap
pjp@arinc.com
tel +1 410-266-4113

Subject **Notification of AEEC Adoption Actions at the AEEC General Session held March 29 to April 1, 2010 in Phoenix, Arizona**

Summary AEEC adopted one ARINC Project Paper and eight Supplements to existing ARINC Standards at the AEEC General Session in Phoenix.

AEEC adopted Draft 1 of **ARINC Project Paper 840: EFB Application Control Interface Standard (ACI)**.

AEEC adopted eight Supplements to existing ARINC Standards as listed in Attachment 1.

Of these eight Supplements adopted, three were adopted with last-minute comments produced as "Pink Pages" reproduced as Attachment 2. These include:

- Supplement 4 to ARINC Characteristic 755
- Supplement 4 to ARINC Characteristic 781
- Supplement 1 to ARINC Specification 825

The purpose of this AEEC Letter is to notify the industry of AEEC's actions and to initiate a 30-day period for the submission of any objections to the publication of the new Gray Cover documents.

Inputs Invited If you know of any reason the adopted documents should not be published please notify Paul Prisaznuk in writing before **May 9, 2010**.

cc AEEC, XPDR, GPS_XLS, FOS, EFB, NIS, CSS, AGCS, CDS, NIC, DFDR, DLK, SDL, SAI

Attachment 1

**ATTACHMENT 1
STANDARDS ADOPTED BY THE AEEC EXECUTIVE COMMITTEE
AT THE 2010 AEEC GENERAL SESSION IN PHOENIX, ARIZONA**

AEEC adopted one (1) new ARINC Standard.

Activity	AEEC Letter	Title	Pink Pages	Adopted Yes/No
EFB	10-029/SAI-959	Draft 1 of ARINC Project Paper 840: EFB Application Control Interface Standard (ACI)	NONE	APPROVED 03/30/2010

AEEC adopted 8 Supplements to existing ARINC Standards.

Activity	AEEC Letter	Title	Pink Pages	Adopted Yes/No
XPDR	10-025/XPDR-171	Draft 1 of Supplement 3 to ARINC Characteristic 718A: Mark 4 Air Traffic Control Transponder (ATCRBS/Mode S)	NONE	APPROVED 03/30/2010
GPS/MMR	10-037/XLS-71	Draft 2 of Supplement 4 to ARINC Characteristic 755: Multi-Mode Landing System Receiver (MMR)	1	APPROVED 03/30/2010
FOS	10-013/FOWG-112	Draft 1 of Supplement 2 to ARINC Report 803: Fiber Optic System Design Guidelines	NONE	APPROVED 03/30/2010
NIS	09-156/NIS-023	Draft 5 of Supplement 1 to ARINC Specification 825: General Standardization of CAN (Controller Area Network) for Airborne Use	1	APPROVED 03/30/2010
CSS	10-017/CSS-415	Draft 3 of Supplement 5 to ARINC Specification 628 Part 1: Cabin Equipment Interfaces – Cabin Management and Entertainment System Peripherals	NONE	APPROVED 03/31/2010
AGCS	10-026/AGCS-069	Draft 2 of Supplement 4 to ARINC Characteristic 781: Mark 3 Aviation Satellite Communications System	1	APPROVED 03/31/2010
CDS	10-028/SAI-958	Draft 1 of Supplement 4 to ARINC Specification 661: Cockpit Display System Interface to User Systems	NONE	APPROVED 03/31/2010
NIC	10-027/NIC-212	Draft 1 of Supplement 18 to ARINC Specification 600: Air Transport Avionics Equipment Interfaces	NONE	APPROVED 03/31/2010

Attachment 2

Comments Received:

Submitted by: Tuyet Vu
Company: Boeing
Nature of the change: Editorial
Description of comments received: GLS Labels 274, 275 and 276 were reviewed by the Multi-Mode Receiver (MMR) Working Group but were omitted when Draft 2 was posted.

Course of Action:

Changes will be made to Draft 2 of ARINC Specification 755-4 as a part of the routine publication procedures. Specific editorial changes include, but are not limited to:

Attachment 4-3A:

- Label 274, GLS Status
- Label 275, DGPS Status
- Label 276, Selected/Achieved GBAS Approach Service Type

Comments Received:

Submitted by: Sarah Henderson
Company: Rockwell Collins
Nature of the change: Correction
Description of comments received: The new Final Approach Segment Data Message (FASDM) label 217, SABS FAS Datablock Word # 7, bit 9, was corrected from 2⁹ to 2³⁰.

Course of Action:

Change was made to Draft 2 of ARINC Specification 755-4 as a part of the routine publication procedures. Specific change:

Attachment 4-3A:

- Label 217, SABS FAS Datablock Word # 7

Agenda Item 14.0
Air Ground Communications Systems (AGCS)
Draft 2 of Supplement 4 to ARINC Characteristic 781

Mike Rockwell
AGCS Secretary
ARINC Industry Activities
2551 Riva Rd.
Annapolis, Maryland 21401

Dear Mike,

A technical working group teleconference of all interested parties was held on March 18 to resolve comments on **Draft 2 of Supplement 4 to ARINC Characteristic 781: Mark 3 Aviation Satellite Communication Systems** that were received during the 30-day review period. The consensus was as follows:

- The Swift MIB Structure diagram in Attachment 5 should be moved to the ABC pages until a corrected version can be developed in a future supplement.
- Remove the text from Section 4.4.1.1 - AT Command Timeout (entirely) from Attachment 5, but keep the header in tact to ensure paragraph numbering is kept. Add the following note or commentary "This section deleted for further consideration in the next supplement."
- All other comments were considered to be reserved for additional consideration in the next supplement or editorial in nature and should be corrected during the publication process.

Attendees at Telecon March 18, 2010.

Name	Company	Name	Company
Glenn Torgerson	Boeing	Sean McGinnis	COMDEV
Roser Roca-Toha	Airbus	Bob Lehman	Honeywell
Steve Kong	AeroConnex	Dave Green	Rockwell Collins
Jean Laviolette	EMS	Gregg Zupesi	Rockwell Collins
Tim Musclow	EMS	Gustavo Nader	SkyTerra
Jim Klopfenstein	Rockwell Collins	Johan Gericke	Cobham
Victor Gheorghian	Bombardier		

We look forward to working these items in the next supplement.

Yours sincerely,

Glenn Torgerson Boeing,
Roser Roca-Toha Airbus,
Steve Kong AeroConnex.

Comments Received:

Submitted by: Phil Watson
Company: Panasonic
Nature of the change: Editorial
Description of comments received: Comments received have been addressed in the Course of Action below. All modifications submitted were editorial.

Course of Action:

Editorial changes will be made to Draft 5 of ARINC Specification 825-1 as a part of the routine publication procedures. Specific editorial changes include, but are not limited to:

Section 2.7:

- Paragraph starting "Intra-system communication" to be bulleted.
- Second, third and fourth bullets to be indented to show relationship to the second bullet.

Section 4.2.3:

- "Overload Frame" should be Section 4.2.4.

Section 5.3:

- Reference to "Figure 5.3-1" to be changed to reference "Figure 5-5"

Section 5.5.2.3:

- "Data Upload Setup" will be set in bold
 - "Upload Data Transfer" be set in bold
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Comments Received:

Submitted by: Holger Wolf
Company: Airbus
Nature of the change: Editorial
Description of comments received: Comment received has been addressed in the Course of Action below. The modification submitted is editorial and provides clarification.

Course of Action:

To provide clarity for setting the "Local" bit (LCL) in the Identifier Structure, the following modification will be incorporated:

Section 5.2.2:

- Existing bullet:
The "Local" bit (LCL) is set for messages which are designated only for the network the transmitting node resides in. Gateways should not transfer these messages to other network segments.
- Modified to:
The "Local" bit (LCL) is set to a one (1) for messages which are designated only for the network the transmitting node resides in. Gateways should not transfer these messages to other network segments.