

CORRECTION FOR SUPPLEMENT 5

Summary: All Nippon Airways has identified an error in Appendix B of ARINC Specification 622-5. The AEEC staff will correct this error in the next release of this ARINC Standard.
Table B1-2A – Test Message Coding will also be corrected as described below.

From: Jim Scroggs <jim.scroggs@rockwellcollins.com>

Sent: Friday, October 19, 2018 4:54 PM

Subject: ARINC 622-5 / Appendix B / CRC Examples / Table B1-2A – Test Message Coding

I was able to test and confirm that the "1B79" is incorrect and the value should be "699F" as Takahara-san reported.

Jose - Can you make note of that correction? Also, I noticed that in Table B1.1-2, on the right hand side, first row, the word "TEXT" should actually be "TEST", so that should read "EXAMPLE CRC TEST" not "EXAMPLE CRC TEXT".

Both of those should be corrected when possible.

Thanks,

Jim Scroggs

Rockwell Collins

From: Jose Godoy

Sent: Friday, October 19, 2018 10:56 AM

Dear Data Link Experts,

Atsushi Takahara, All Nippon Airways, is requesting that we confirm the value listed in Table B1-2A – Test Message Coding, of Appendix B (CRC Examples); in Supplement 5 to ARINC Specification 622 – ATS Data Link Applications Over ACARS Air-Ground Network.

Please validate that 1B79H is the correct value, for character 30 in Table B1-2A – Test Message Coding (per ARINC 622-5, Appendix B) as shown below:

Submitted on Friday, October 19, 2018 - 16:01

To: ARINC Standards

Name: ATSUSHI TAKAHARA

Subject: ARINC622-5 Page-86 Table B1-2A – Test Message Coding

Requests and Comments:

Dear Sir,

We performed tests based on the Table B1-2A on Page-86.

As a result of our testing, our calculation is shown that Char 30 CRC is 699F, but 1B79 is shown on the Table B1-2A.

Could you check if Char 30 CRC 1B79 is correct or not.

Best Regards,

ANA Takahara

PROPOSED CHANGES for SUPPLEMENT 6

APPENDIX B
CRC EXAMPLES

Table B1-2A – Test Message Coding

The values in the character (Char) column in the following table are expressed in hexadecimal.

Char	CRC	Char	CRC	Char	CRC	Char	CRC	Char	CRC
20	4A95	36	A924	4C	11FE	62	86D4	78	F432
21	E2B1	37	0100	4D	B9DA	63	2EF0	79	5C16
22	0AFC	38	781A	4E	5197	64	466F	7A	B45B
23	A2D8	39	D03E	4F	F9B3	65	EE4B	7B	1C7F
24	CA47	3A	3873	50	A3A3	66	0606	7C	74E0
25	6263	3B	9057	51	0B87	67	AE22	7D	DCC4
26	8A2E	3C	F8C8	52	E3CA	68	D738	7E	3489
27	220A	3D	50EC	53	4BEE	69	7F1C		
28	5B10	3E	B8A1	54	2371	6A	9751		
29	F334	3F	1085	55	8B55	6B	3F75		
2A	1B79	40	80A9	56	6318	6C	57EA		
2B	B35D	41	288D	57	CB3C	6D	FFCE		
2C	DBC2	42	C0C0	58	B226	6E	1783		
2D	73E6	43	68E4	59	1A02	6F	BFA7		
2E	9BAB	44	007B	5A	F24F	70	E5B7		
2F	338F	45	A85F	5B	5A6B	71	4D93		
30	699F	46	4012	5C	32F4	72	A5DE		
31	C1BB	47	E836	5D	9AD0	73	0DFA		
32	29F6	48	912C	5E	729D	74	6565		
33	81D2	49	3908	5F	DAB9	75	CD41		
34	E94D	4A	D145	60	C6BD	76	250C		
35	4169	4B	7961	61	6E99	77	8D28		

Proposed Table B1-2A in ARINC 622-5 (Correct value for Character 30)