

AERONAUTICAL TELECOMMUNICATION NETWORK

PANEL (ATNP)

Working Group 3 - Applications and Upper Layers

Inter-Centre Communications (ICC) over the ATN

ATS Interfacility Data Communication (AIDC) Draft SARPs

SARPs Defect Register

Summary

This document contains a summary of defects which have been raised on the AIDC SARPs presented to ATNP/2 and which have been received since that meeting.

AIDC SARPs DEFECT REGISTER

Defect Number	Source	Description	Proposed Resolution	Status
AIDC-DF01	Logica/DF/AIDC/001 (18/10/96)	CF requirements for mapping the User-abort.request are inconsistently stated in 3.2.5.3.1.18 and in Table 3.2.5-36 An action/transition pair needs to be specified in 3.2.5.3.1.18 for the state. If the state table is correct, a state transition to IDLE needs to be added for User-abort in RELEASE PENDING. Otherwise, the same action (with no transition) should apply as for ASSOCIATION PENDING above, and Table 3.2.5-36 must be updated to be consistent. The proposal is based on the latter assumption.	It is proposed to amend 3.2.5.3.1.18 as follows (and Table 3.2.5-36 must be updated in line with this). 3.2.5.3.1.18.2 Action Upon Invocation 3.2.5.3.1.18.2.1 Upon the receipt of a User-abort request primitive <i>in either the DATA TRANSFER or the RELEASE PENDING state</i> , the CF shall: a) invoke an AIDC-usr-abrt request primitive; and b) enter, <i>or remain in</i> , the RELEASE PENDING state. 3.2.5.3.1.18.2.2 Upon the receipt of User-abort request primitive <i>in the ASSOCIATION PENDING state, the CF shall:</i> a) invoke an A-ABORT request primitive; and b) enter the RELEASE PENDING state.	Modification accepted by SG1-10
AIDC-DF02	Logica/DF/AIDC/002 (18/10/96)	In the ASN.1 definition: AircraftNumberType ::= SEQUENCE { numberOfAircraft [0] NumberOfAircraft, aircraftType [1] AircraftType, wakeTurbulenceCategory [2] wakeTurbulenceCategory OPTIONAL }	It is proposed to amend the definition in the following way: AircraftNumberType ::= SEQUENCE { numberOfAircraft [0] NumberOfAircraft <i>OPTIONAL</i> , aircraftType [1] AircraftType, wakeTurbulenceCategory [2] wakeTurbulenceCategory OPTIONAL }	Modification accepted by SG1-10
AIDC-DF03	MELCO/DF/AIDC/001 (7/01/97)	In 3.2.6.7.2.1.h) 'set the variable vs1 = coord-start' in TRANSFERRED state is specified. In 3.2.6.8.2.1.h) 'set the variable vs1 = coord-start' in TRANSFERRED state is specified. If in the TRANSFERRED state and Coordinate-start is requested, it has to signal as 'back' since in AIDC-ucf, in 3.2.6.1.33.2.1.b),2)viii),A, vr1 = back, and in 3.2.6.1.34.2.1?c),1)vii vs1 = back, are used.	In 3.2.6.7.2.1.h) 'set the variable vs1 = <u>back</u> ' In 3.2.6.8.2.1.h) 'set the variable vs1 = <u>back</u> '	Modification accepted by SG1-10
AIDC-DF04	MELCO/DF/AIDC/002 (7/01/97)	1) If in the NOTIFY state 'end' is requested, then in 3.2.6.1.33.2.1.b),ii),C), it is indicated that by AIDC-ucf Request it enters IDLE, while by AIDC ucf-apdu received, it does not change the state from NOTIFY to IDLE. This causes a mismatch between states of requesting and requested. 2) Same applied to NEGOTATING and TRANSFERRED states.	1) Add the following line in 3.2.6.1.34.2.1.c),1),i), <i>D) if the variable vs1 = end, then enter IDLE state</i> 2) Add the following line in 3.2.6.1.34.2.1.c),1),ii), <i>C) if the variable vs1 = end, then enter IDLE state</i> and 3.2.6.1.34.2.1,c),1)viii), <i>B) if the variable vs1 = end, then enter IDLE state</i>	Modification accepted by SG1-10, but should be extended to NOTIFY, NEGOTIATING, TRANSFERRED and RE-NEGOTIATING states

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AIDC-DF05	MELCO/DF/AIDC/003 (7/01/97)	<ol style="list-style-type: none"> 1) 3.2.3.2: section reference numbers are incorrect; 2) 3.2.3.6.6.7, Table 3.2.3-6: 3rd row is redundant; 3) 3.2.4.2: AIDC-ASE User Services is not a correct title, eliminate 'user'; 4) 3.2.4.2.1.1: sections reference numbers are incorrect; 5) 3.2.3.3.1.1: sections reference numbers are incorrect; 6) 3.2.5.3.2.18.2.1.1: 'Usr-abort' shall read 'Provider-abort' (2 places) 7) 3.2.5.3.6.1.1.2: delete 'the NULL state or' 8) Amendments to state table, it is incorrect and misleading to refer to the state table. 	Correct as proposed	Modification accepted by SG1-10
AIDC-DF06	SG1-10 meeting	Check and align terminology with that used in Part VI of the ICAO Manual of ATS Data Link Applications (ADSP/4), e.g. replace ICAO Facility Designator, Altitude, etc.	Correct where necessary	Open
AIDC-DF07	SG1-10 meeting	In ASN.1 description TrackData: <ul style="list-style-type: none"> • replace speedGround by speedGround, • add a coma after [3] SpeedGround 	Correct as proposed	Modification accepted by SG1-10
AIDC-DF08	Logica/DF/AIDC/003 (05/02/97)	Section 6.1.8.2.1 (b): Text for 'AIDC-DATA Indication Primitive with an AIDC-crd-start-apdu' says: '... a) extract the <i>User Data</i> parameter, and the <i>Msg Number</i> parameter from the AIDC-crd-start-apdu; b) invoke an AIDC-nfy-indication primitive with the extracted parameters in a) above as the AIDC-crd-start indication <i>Msg Number</i> parameter and the AIDC-crd-start indication <i>User Data</i> parameter; ...' Obviously 'AIDC-nfy-indication' in b) should be 'AIDC-crd-start indication'. In addition, why are the parameters listed in different orders in a) and b)? (But this applies throughout 6.1)	Amend as follows: '... a) extract the <i>User Data</i> parameter, and the <i>Msg Number</i> parameter from the AIDC-crd-start-apdu; b) invoke an AIDC-crd-start- nfy -indication primitive with the extracted parameters in a) above as the AIDC-crd-start indication <i>Msg Number</i> parameter and the AIDC-crd-start indication <i>User Data</i> parameter; ...'	Open
AIDC-DF09	Logica/DF/AIDC/004 (05/02/97)	Section 6.3, in Table 3.2.6-37, the re-coordinate cases are not covered for t_{1CT} and t_{2CT} .	Add a fourth bullet: • <u>AIDC-crd-start Req or Ind</u> to the column 'Timer Stop Event' in the rows for t_{1CT} and t_{2CT} . Also note the spellings 'complementary' and 'primitive' throughout this table.	Open

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AIDC-DF10	MELCO/DF/AID C/004 (17/02/97)	Editorials	<ol style="list-style-type: none"> 1) notificationnotifying regime. 2) isshall be unconfirmed service. 3) 3.2.4.3.2.2-1 1.2; 3.2.4.3.2.2-2 1.3; 3.2.4.3.2.2-4 1.3. Numbering. 4) isshall be unconfirmed service. 5) 3.2.5.3.5 replace "ACMP" by "ACPM" 6) 3.2.6.1.33.2.1,b),2),vi) the numbering shall be A), B) and 1), III) instead of D), E), and III), IV) 7) 3.2.6.1.39.2.1, b) replace "stopp" by "stop" and "timmers" by "timers" 	Open