

INTERNATIONAL STANDARD

**ISO
8823**

First edition
1988-08-15

AMENDMENT 5
1992-12-15

Information processing systems – Open Systems Interconnection – Connection oriented presentation protocol specification

AMENDMENT 5: Additional session synchronization functionality to the presentation service user

*Systèmes de traitement de l'information – Interconnexion de systèmes
ouverts – Spécification du protocole de présentation en mode connexion*

*AMENDEMENT 5: Fourniture de la fonction de synchronisation de
session supplémentaire à l'utilisateur du service de présentation*



Reference number
ISO 8823:1988/Amd. 5:1992 (E)

Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Amendment 5 to International Standard ISO 8823:1988 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*.

© ISO/IEC 1992

All rights reserved. No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization

Case postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

Information processing systems – Open Systems Interconnection – Connection oriented presentation protocol specification

AMENDMENT 5: Additional session synchronization functionality to the presentation service user

Introduction to this Amendment

This Amendment extends the Presentation Protocol to support the additional session functional unit for data separation. It makes no change to any other part of the Presentation Protocol.

Page 2

Clause 2 References

Add the following reference to this clause

“ISO 8326/Amd. 4: Information processing systems – Open Systems Interconnection – Basic connection-oriented session service definition – Amendment 4: Additional synchronization functionality.”

Page 31

Subclause 8.2 Structure of SS-user data parameter values

Add new functional unit “data separation” to the “User-session-requirements” protocol parameter. Replace the “User-session-requirements” protocol parameter with the following:

“User-session-requirements ::=	BIT STRING {	
	half-duplex	(0),
	duplex	(1),
	expedited-data	(2),
	minor-synchronize	(3),
	major-synchronize	(4),
	resynchronize	(5),
	activity-management	(6),
	negotiated-release	(7),
	capability-data	(8),
	exceptions	(9),
	typed-data	(10),
	data-separation	(12) }

Page 37

Annex A

Add new subclause A.5.3.4 as follows:

“A.5.3.4 rs

rs is a boolean variable having the following values:

rs = true : resynchronization procedure is in progress.

rs = false : no resynchronization procedure is in progress.

rs is set as follows:

- a) rs is set false during the presentation-connection establishment phase or when a P-RESYNCHRONIZE response or confirm service primitive is issued;
- b) rs is set true when a P-RESYNCHRONIZE request or indication service primitive is issued.”

Page 40

Annex A, Table 19

Replace action [02] as follows:

[02]	Set cr, rl and rs to FALSE
------	----------------------------

Page 41

Annex A, Table 19

Add two new actions as follows:

[23]	Set rs to TRUE
[24]	Set rs to FALSE

Page 43

Annex A, Table 20

Add a new predicate to the end of table 20 as follows:

p30	The value of rs is TRUE
-----	-------------------------

Page 46

Annex A, Table 24

Amend the intersection of AC PPDU and STAt0 as follows:

State	STAt0
Event	
AC	p05&p11&^p30 [01][09] P-ALTERind STAAc1 p30 P-ALTERind STAt0

Page 46

Annex A, Table 24

Amend the intersection of ACA PPDU and STAt0 as follows:

State	STAt0
Event	
ACA	p30 P-ALTERcnf STAt0

Page 53

Annex A, Table 29

Add action [23] to all action lists in the P-RSYNreq and RS rows.

Page 54

Annex A, Table 29

Add action [24] to all action lists in the P-RSYNrsp and RSA rows.

STANDARDSISO.COM : Click to view the full PDF of ISO 8823:1988/Amd 5:1992