

---

---

**Information technology — Telecommunications  
and information exchange between systems —  
High-level data link control (HDLC) procedures —  
Elements of procedures**

**AMENDMENT 6: Extension of HDLC sequence  
number modulus beyond 128**

*Technologies de l'information — Télécommunications et échange d'information  
entre systèmes — Procédures de commande de liaison de données à haut niveau  
(HDLC) — Éléments de procédures*

*AMENDEMENT 6: Extension du module du numéro de séquence HDLC au-delà  
de 128*



## 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 6 to International Standard ISO/IEC 4335:1993 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 6, *Telecommunications and information exchange between systems*.

© ISO/IEC 1995

All rights reserved. Unless otherwise specified, 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.

ISO/IEC Copyright Office • Case postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

## **Introduction**

This amendment increases the modulus number (i.e. the sequence number) in steps up to a maximum of 2 147 483 648 which can be represented in 31 bits. This is done by the introduction of a new "Set Mode" command that can be used to negotiate or indicate the modulus in absence of, or to override, a default value. This uses an optional information field in the mode-setting commands/responses.

This amendment also introduces the information field in mode-setting commands/responses.