



I.232.1

INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

SERVICE CAPABILITIES – BEARER SERVICES SUPPORTED BY AN ISDN

PACKET-MODE BEARER SERVICE CATEGORIES – VIRTUAL CALL AND PERMANENT VIRTUAL CIRCUIT BEARER SERVICE CATEGORY

ITU-T Recommendation I.232.1

(Extract from the *Blue Book*)

NOTES

1 ITU-T Recommendation I.232.1 was published in Fascicle III.7 of the *Blue Book*. This file is an extract from the *Blue Book*. While the presentation and layout of the text might be slightly different from the *Blue Book* version, the contents of the file are identical to the *Blue Book* version and copyright conditions remain unchanged (see below).

2 In this Recommendation, the expression “Administration” is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

© ITU 1988, 1993

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 ITU.

Recommendation I.232.1

PACKET MODE BEARER SERVICE CATEGORIES – VIRTUAL CALL AND PERMANENT VIRTUAL CIRCUIT BEARER SERVICE CATEGORY

(Melbourne, 1988)

1 I.232.1 - Virtual call and permanent virtual circuit bearer service category

1.1 Definition

This bearer service category provides the unrestricted transfer (without alteration) of user information in a packetized manner over a virtual circuit within a B- or D-channel at the S/T reference point. Signalling information for virtual call and/or possibly OAM information for permanent virtual circuit services are transferred via B- or D-channels as described in Recommendation I.462 (X.31).

1.2 Description

1.2.1 General description

This packet-mode bearer service category allows users (e.g. terminals) in a point-to-point communication configuration to communicate via the ISDN using X.25 encoding, by means of Recommendation I.462 (X.31) procedures over either B- or D-channels, in both directions continuously and simultaneously for the duration of a call.

1.2.2 Specific terminology

Not applicable.

1.2.3 Qualifications

Not applicable.

1.3 Procedures

Detailed procedures for virtual calls appear in Recommendation I.462 (X.31), case B. The description below is a synopsis of those procedures. For actual, complete procedures, refer to Recommendation I.462.

1.3.1 Provision/withdrawal

For further study.

1.3.2 Normal procedures

1.3.2.1 Activation/deactivation/registration

Not applicable.