



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

I.630

Corrigendum 1
(03/2000)

SERIES I: INTEGRATED SERVICES DIGITAL
NETWORK

Maintenance principles

ATM protection switching

Corrigendum 1

ITU-T Recommendation I.630 – Corrigendum 1

(Formerly CCITT Recommendation)

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For further details, please refer to the list of ITU-T Recommendations.

ITU-T Recommendation I.630

ATM protection switching

CORRIGENDUM 1

Summary

This corrigendum contains only editorial enhancements and corrections, but no technical changes, to the first version (02/99) of ITU-T Recommendation I.630.

Source

Corrigendum 1 to ITU-T Recommendation I.630 was prepared by ITU-T Study Group 13 (1997-2000) and approved under the WTSC Resolution 1 procedure on 10 March 2000.

FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications. The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of ITU. ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

The World Telecommunication Standardization Conference (WTSC), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSC Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

NOTE

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

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As of the date of approval of this Recommendation, ITU had not received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementors are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database.

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ITU-T Recommendation I.630

ATM protection switching

CORRIGENDUM 1

1 Introduction

This corrigendum contains only editorial enhancements and corrections, but no technical changes, to the first version (02/99) of ITU-T Recommendation I.630.

2 Clause 3

Delete the last sentence "Switch action is conducted except when signal fail condition exists for the protection entity to switch over." from item 3.10 forced switch for working entity #n.

Replace the definitions of VCG_P, VCG_W, VPG_P and VPG_W with the following ones:

3.32 VCG_P: The protection entity in a VC Group protected domain.

3.33 VCG_W: The working entity in a VC Group protected domain.

3.36 VPG_P: The protection entity in a VP Group protected domain.

3.37 VPG_W: The working entity in a VP Group protected domain.

Add the following definition:

3.39 normal traffic: Traffic that is protected by two alternative transport entities, called working and protection entities.

3 Subclause 5.3.1

Replace Figure 4/I.630 with the following.

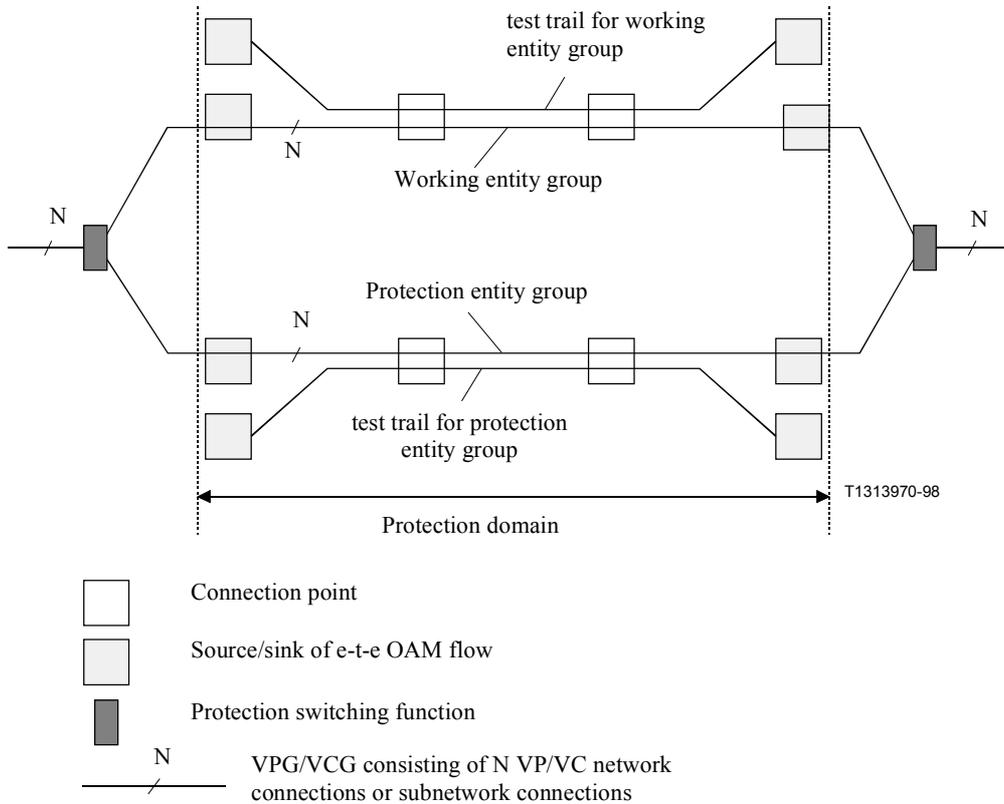


Figure 4/I.630 – 1+1 or 1:1 trail/T group protection

4 Subclause 5.8

Replace Figure 9/I.630 with the following figure illustrating the relation of the cell's octet bit numbering and the bit numbering in the K1 and K2 octets:

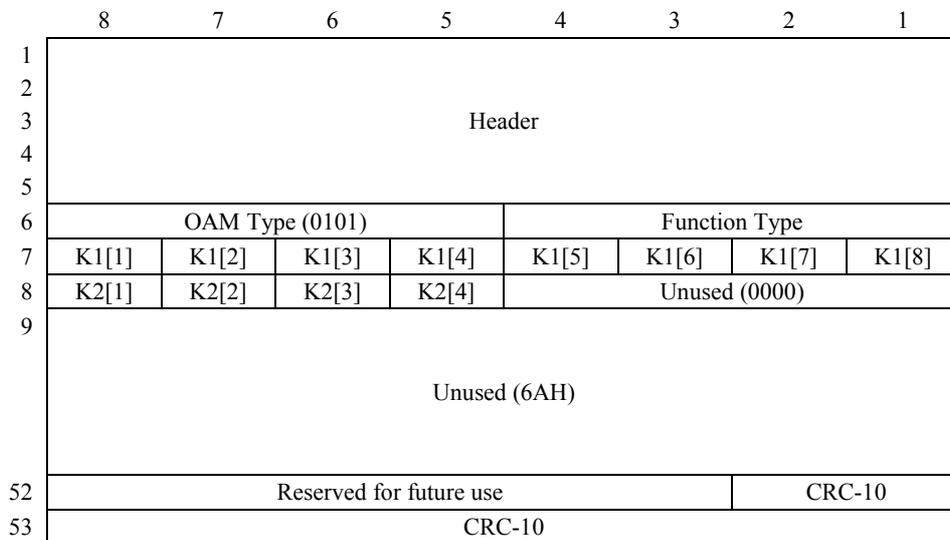


Figure 9/I.630 – APS cell format

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