

# ITU-T SG15 회의 기고서

ITU - T SG15

June 1996

Geneva, 28 May-7 June 1996

Document Addressed to : WP5/15

Question(s) : Q29/5

## STUDY GROUP 15 - CONTRIBUTION

**SOURCE : KOREA**

**TITLE :** The Subordination rules for the G.774.01

**STATUS :** Proposal

### Contact Person:

Jiyoung Choe, Joobin Song, ETRI

Yusong P.O.Box 106 TAEJON, 305-600, KOREA

Tel. +82 42 860 5160 Fax. +82 42 860 6104

E-mail : {choejy, jbin}@orion.etri.re.kr

## Introduction

In G.774.01, some managed object classes are described which are related to the performance management function for SDH signals. Among them, xxxCurrentData and xxxCurrentDataThresholdReset, which are related with collecting/monitoring the current performance primitives of the SDH signal and notifying QOS alarm to the OS, would be coexist in a MIB because there is currently no constraint about subordination in G.774.01. In this case it would cause some confusion on the consistent management, since both of MOs can emit the QOS alarm notification to the OS and those two alarms may be cleared in different way. The xxxCurrentDataThresholdReset MO has a couple of threshold data to notify and clear QOS alarm.

As a result, if these two MOs that have a different operating method to handle the QOS alarm are used at the same NE, the OS cannot properly manage the performance events. Therefore there should be a constraint that can avoid to exist both MOs simultaneously in a MIB.

So, this contribution proposes some additional subordination rules to support the exclusiveness between the xxxCurrentData MO class and xxxCurrentDataThresholdReset MO class described in G.774.01.

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ITU- Telecommunication Standardization Sector

Study Group 15

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Document addressed to : WP3/15

Question(s): 18/15

**SOURCE : KOREA(REPUBLIC OF)**

**TITLE : A replication function of unidirectional point-to-multipoint connection in an ATM NE**

**Contact :**

**Bin-yeong Yun**

**Tel: +82-42-860-6316**

**Fax: +82-42-861-6224**

**Email: byyun@tdx.etri.re.kr**

## **Abstract**

This contribution proposes to add texts for a replication function into I.732 to support unidirectional point-to-multipoint connection in an ATM NE. It addresses the replication function, and shows a procedure of unidirectional point-to-multipoint connection in an ATM NE.

## **Introduction**

SG 11 defines 5 connection types for possible future application. An ATM NE should have a

replication function and a merging function to support them. SG 11 finalizes most of recommendations about CS-2 that are based on only two connection types(point-to-point connection, unidirectional point-to-multipoint connection). It is required that a replication function is added to the existing recommendation of I.732 for unidirectional point-to-multipoint connection in an ATM NE. This contribution refers to only a replication function to meet CS-2 requirements.

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### STUDY GROUP 15-CONTRIBUTION

**SOURCE : KOREA**

**TITLE :** The Proposal for Keep Track the Changes of Cross-Connection

**STATUS :** Proposal

**Contact Person:**

Ji-young Choe, Joo-bin Song, ETRI

Yusong P.O.BOX 106 TAEJON, 305-600, KOREA

Tel: +82-42-860-5160 Fax: +82-42-860-6104

E-mail : {choejy, jbin}@orion.etri.re.kr

### Introduction

During the operation with the SDH equipments, cross-connect configurations can be changed through the several ways. In order that operations systems may keep track the changes of the cross-connection and connectivity pointer of the SDH termination points(TPs), there should be additional explicit packages in G.774 and M.3100.

ITU- Telecommunication Standardization Sector

Study Group 15

Delayed Contribution No. D.

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Question(s): Q2/15

**SOURCE : KOREA(REPUBLIC OF)**

**TITLE : Proposal for TS PCR packet alignment into AAL 5 CPCS-PDU**

**Contact :**

**Dong-Bum JUNG**

**Electronics and Telecommunications Research Institute**

**P.O.Box 106 Yusung, Taejon, 305-600, KOREA**

**E-mail: dbjung@ winky.etri.re.kr**

## Introduction

Transport Stream can have the Program Clock Reference(PCR) values in the TS-PDU payload. This PCR recovery plays a role of synchronization in decoding of audio and video streams through received PCR packets. The H.222.0 (MPEG-2 system) recommends that the transmission interval of the PCR packets for each program shall be less than or equal to 0.1 seconds. The generation scheme of a PCR packet within 0.1 seconds is not restricted. When this PCR packet is transmitted through network adaptation protocol (CPCS-PDU packetization), H.222.1 recommends that the PCR packet shall be the last in CPCS-PDU (384 bytes). For the process that the PCR packet is encapsulated into CPCS-PDU payload, this contribution proposes that PCR packet's location should be reconsidered in AAL 5 CPCS-PDU payload. 