

Source: ITU-T SG11 Q.24 Rapporteur / JQG5 Issue Manager
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Title: Status on ITU-T IMT-2000

Agenda item: 5.6

Document for: INFORMATION

1 Introduction

This document describes the activities within ITU-T that are relevant for the activities within 3GPP TSG CN. This report is made considering the advance notice that the ITU-T Ad Hoc Convenor is not able to be present to the CN Plenary #08.

After the TSG CN#07 a number of initiatives were taken by the ITU-T Ad Hoc Convenor to bring 3GPP¹ and ITU-T representatives together. However, due to some misunderstandings this has not taken place as documented in Tdoc *NP-000357*.

2 Main activities

2.1 ITU-T Restructuring

ITU-T has taken up the discussion on the improvement of the ITU-T processes to be more responsive to the market and customer needs. ITU-T has been perceived as slow and bureaucratic organisation, which was based on their working procedures. Proposals has been discussed and the following will be submitted for approval at the next WTSA (i.e. Sep/Oct 2000):

- Separation of Recommendations into
 - Technical Recommendations
 - Regulation/Policy Recommendations
- A simplified and better voting procedure (*called Alternative Approval Procedure (AAP)*)
- Faster Approval procedure for Technical Recommendations (AAP)
- More flexible procedures to initiate new standardisation activities (e.g. new Study Groups)

2.2 ITU-T IMT-2000

ITU-T has taken to be responsive on the issue of IMT-2000. Considering the results from ITU-R, e.g. M.RSPC Recommendation, ITU-T has been perceived that it has failed to fulfil the market and customer demands. This issue has been widely discussed in ITU-T and the following proposal will be submitted to the next WTSA:

- One single Group to address standardisation activities of IMT-2000 systems and beyond
 - Status of this Group (i.e. Study Group, Project Group, Working Party) to be decided at WTSA
 - Agreed Terms of Reference (see Annex)

2.3 ITU-T SG11 WP3 IMT-2000 Workshop

An ITU-T IMT-2000 Workshop has been held on the 5th of July 2000 in Edinburgh (UK), hosted by BT (as part of the hosting the WP3/11 Question Rapporteurs meeting). Presentations were provided from 3G.IP, MWIF, 3GPP, 3GPP2, ITU-R and ITU-T. The 3GPP Presentation is attached in the ZIP file.

Interested readers can request these presentations from the contributor.

¹ 3GPP was not intended to be formally represented but it was intended to have 3GPP Individual Members to take part of this particular “informal” workshop

2.4 Resolution 1 Approval of Recommendations

A special ITU-T Study Group meeting has been held to decide the Resolution 1 Approval for a number of Recommendations (39). The 3GPP relevant Recommendations that were approved:

- Q.1900, BICC CS-1
- Q.765.5, Application Transport Mechanism – Bearer Independent Call Control (BICC)
- H.248, Gateway Control Protocol
- Series Q – Supplement 30, Specifications Of International Mobile Telecommunications - 2000 (IMT-2000)

The summaries of these Recommendations and Supplements are provided in Annex B of this document.

3 Conclusion

The ITU-T community considers an informal meeting between Individual Members of 3GPP and ITU-T Member organisations essential. It is planned to have a GSC-6 meeting after the WTSA and an "informal" meeting between 3GPP IM and ITU.T Members as well. These meetings are expected after TSG#09 Plenaries.

Annex A Terms of Reference for the new Group on IMT-2000 and beyond

The Group has the primary responsibility within ITU-T for the overall network aspects of mobility and IMT-2000 and beyond. Thus the Group is responsible for:

- developing a roadmap for ITU-T activities on IMT-2000 systems and beyond, to ensure that this work is progressed effectively and efficiently with organisations external to the ITU and internally with the ITU-R
- providing a migration path regarding network aspects and mobility from existing IMT-2000 systems towards systems beyond IMT-2000
- providing an overview on network aspects and mobility of existing IMT-2000 systems specified by external organisations (e.g. Standards Development Organisations (SDOs), Partnership Projects (PPs) and IETF)
- providing interworking functions if needed, if not provided by other organisations, to allow for global mobility between existing IMT-2000 systems specified by external organisations.

Annex B Approved ITU-T Recommendations

[COM 16 – R 62 - DRAFT NEW ITU-T RECOMMENDATION H.248](#)

GATEWAY CONTROL PROTOCOL

Summary

To achieve greater scalability, this recommendation decomposes the H.323 Gateway function defined in H.246 into functional sub-components and specifies protocols these components use to communicate. This allows implementations of H.323 gateways to be highly scalable and encourages leverage of widely deployed SCN network capabilities such as SS7 switches. This also enables H.323 gateways to be composed of components from multiple vendors distributed across multiple physical platforms. The purpose of this recommendation is to add capabilities currently defined for H.323 systems and is intended to provide new ways of performing operations already supported in H.323.

[COM 11-R 243 DRAFT NEW ITU-T RECOMMENDATION Q.1901](#)

BEARER INDEPENDENT CALL CONTROL PROTOCOL

Summary

This Recommendation describes the adaptation of the narrowband ISDN User Part (ISUP) for the support of narrowband ISDN services independent of the bearer technology and signalling message transport technology used.

[COM 11-R 244 DRAFT NEW ITU-T RECOMMENDATION Q.765.5](#)

APPLICATION TRANSPORT MECHANISM – BEARER INDEPENDENT CALL CONTROL (BICC)

Summary

This Recommendation describes the extensions required for the transport of bearer related information associated with the Bearer Independent Call Control (BICC) as defined in Recommendation Q.1901. The BICC is used to manage the call control instance that has been separated from the bearer control instance. The BICC needs to transport bearer related information between call control instances. The Application Transport Mechanism (APM, see Recommendation Q.765) will be used for this purpose. This Recommendation specifies the APM-user to support the transport of the bearer related information for the BICC.

[STUDY GROUP 11 - CONTRIBUTION 7 - DRAFT SERIES-Q SUPPLEMENT 30 \(06/2000\)](#)

SUPPLEMENT TO ITU-T RECOMMENDATION Q.1701: SPECIFICATIONS OF INTERNATIONAL MOBILE TELECOMMUNICATIONS - 2000 (IMT-2000)

Summary

This supplement is an "information" document and is intended as a roadmap and a source of references for documents related to IMT-2000 specifications from ITU-T as well as from sources outside ITU (e.g. 3GPPs and SDOs.) The list of documents contained in this supplement should therefore be treated as "bibliographic" references. The scope includes any relevant standards that are targeted toward the specification of IMT-2000 systems.

NOTE - This version of this supplement includes information up to February 2000. Updates will be reflected in the next version.