

TANZANIA COMMUNICATIONS REGULATORY AUTHORITY



REPORT ON PARTICIPATION TO ITU-T STUDY GROUP 2

The ITU-T Study Group 2 (ITU-T SG2) was mandated by the WTSA-08 to lead the study activities relating to **Operational aspects of service provision and telecommunication management**. The Study Group structure is described herein below together with some activities of interest to EACO covering the period from the 17th EACO Congress.

1. ITU-T Study Group 2 Structure

WP	Qs	Operational aspects of service provision and telecommunication management
	6/2	Terms and definitions
		<i>Operational aspects of service provision</i>
1/2	1/2	Application of numbering, naming, addressing and identification plans for fixed and mobile telecommunications services
	2/2	Routing and interworking plan for fixed and mobile networks
	3/2	Service and operational aspects of telecommunications, including service definition
	4/2	Human factors related issues for improvement of the quality of life through international telecommunications
	5/2	Network and service operations and maintenance procedures
		<i>Management Capabilities</i>
2/2	8/2	Management framework and architecture
	12/2	Telecommunications management and OAM project
	13/2	Service Provider/Network Operator requirements and priorities for telecommunication management
	14/2	Common measurement techniques and results collections for use on NGN telecommunications systems and their constituent parts
		<i>Management Information Models and Protocols (or Management Interfaces)</i>
	7/2	Requirements for Business-to-Business and Customer-to-Business management interfaces
	9/2	Methodology and generic requirements, analysis and design for management interfaces
	10/2	Specialized requirements, analysis and design for management interfaces
	11/2	Protocols and security for management

2.0 The EACO ITU-T region group 2 home page:

As was reported during the last EACO Congress, the EACO Standardization Group was adopted and approved by the ITU-T SG2 at its November 2009 meeting in Geneva. Accordingly, a **web page** was also created and activated as:

<http://www.itu.int/ITU-T/studygroups/com02/rg2eaco/index.html>

Here we are, the site needs to be loaded with EACO materials.....

3.0 Agenda in hot debate:

Currently, the Study Group is addressing among other activities, the following challenging topics picked as examples:

- **Future of Numbering in the cause of convergence**

On this, the ITU-T SG2 explores on Administrations' View and attempt to answer to the following questions:

- *Does future of numbering mean killing the existing numbering plans and creation of a new one?*
- *What kind of administrative and management requirements shall be placed for numbering plans also in the future (e.g. portability, nomadicity, legal intercept, interoperability)?*
- *Will the existing administrative models fit also for future numbering plans? Will the competition legislation takeover of the telecommunication legislation? Will future numbering plans have an economical impact? Will administration of numbering be needed anymore?*

- **The Machine-to-Machine (M2M) Communications**

- *The Machine-to-Machine (M2M) which is defined as communication between machines or automated systems without human intervention is in the near future, very likely that its use will grow significantly.*
- *M2M deployments in many national /international level projects such as for smart grid/ smart metering may require numbering (E164 or E212) scheme to be advanced. M2M deployment in NGN is in the billions on machines that may require a resource for identification which may impact both E164 and E212 resources management. What would be the administrations' issues on it?*

- **Cell broadcast in Emergency and disaster alerts**

For the public authorities, warning the population on the occurrence of a possible disaster is one of their responsibilities. They will use for this purpose all means of communication, in relation with the specific features of the disaster (e.g. the level of risks, it can be forecast or not; the coverage is limited or broad).

The mobile device Public Warning System (**PWS**) is in this view a complement to a whole set of communication media and should be taken in consideration by the authorities organising the Civil Safety, in the frame of an overall scheme of population protection.

The characteristics of the mobile radio services and their rather extensive coverage with GSM and CDMA technologies make it a very relevant tool for addressing the population in real time with short notice, selecting the targeted area, broadcasting relevant information or advice. Additionally it can be assumed that the **PWS** service can be used not only for warning but also during the phases after the occurrence of the catastrophic event to distribute updated instructions to the affected population.

- **Misuse of Numbering Resources**

- **Caller Line Identification (CLI) issues**

- **Child help lines and protection**

The EACO members are requested to note the **E.164 supplement 5** as was reviewed by ITU-T SG2 specifically **section 8**, which is reproduced herein below:

8.0 Invitation

8.1 *Administrations are invited to consider that if the short code 116 or 116 111 is currently used or reserved for child helpline purposes, it would not be necessary to make any changes.*

8.2 *All Administrations are invited to assign the code (116 or 116 111) as a number giving access to help-lines run by organizations dedicated to the welfare of children.*

8.3 *Those Administrations, whose countries do not have child help-lines, are invited to recommend the use of either 116 or 116 111 for telephone access to any such child help-lines that may be established in the future.*

8.4 *Those Administrations that have existing child help-lines operating on a variety of numbers are invited to consider ways and means of introducing either the number 116 or 116 111 in parallel to the other numbers being used.*

4.0 Participation in other ITU-T Study Groups

Tanzania, in addition to ITU-T SG2 has been taking part in other ITU-T SGs including **ITU-T SG 3, 5, 11, 12, 13, 15** and **17**. The country also actively participates in **ITU-D SG 1 & 2**.

5.0 Recommendation

It is **recommended** that the **EACO Members** consider and budget for effective participation in the ITU-T Study Groups in general and **ITU-T SG2** in particular so as to contribute in the above listed challenging topics.

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