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Source: **3GPP MRP: GSA, GSM Association, UMTS Forum, UWCC**

Title: **Certification and Global Circulation**

Agenda item: **5.4**

Document for:

Decision	
Discussion	
Information	**X**

1. Background

The individual MRPs have been previously been working on various aspects related to 3G testing, certification, and global circulation, all of which are expected to have some impact on the test requirements being developed within 3GPP and applied by the OPs.

Some examples illustrating the scope of this work include:-

a) Joint studies on Global Circulation, leading to ERC Report 60, "Global Circulation of IMT-2000 Terminals": CEPT/UMTS Forum, Sept 98[1]

b) "Liaison Statement TSGS#5 (99)403 concerning Global Certification or Type Approval", Korea, Oct 99: UMTS Forum

c) High Level Statement on Global Circulation of UMTS/IMT-2000 Terminals, July 99, UMTS Forum

d) GSM Certification Forum, announcement planned Feb 00, GSM Association

The current status is summarised in Annex 1 which is an adaptation of an item to be published in the Feb 2000 UMTS Forum newsletter, MobilenniuM.

2. Planned Actions, Next Steps[2]

> **As a result of current work by the MRPs, the 3GPP MRPs plan to develop a comprehensive contribution on a policy framework embracing the requirements for regulation, certification, and global circulation to the June 2000 OP/PCG meeting.**

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[1] Available as printed report, CD-ROM, or web via UMTS Forum

[2] More information is available from Chris Wildey, UMTS Forum or Aiofe Sexton, GSM Association

Annex 1

NEW REGULATORY ENVIRONMENT FOR TERMINAL APPROVAL

The new arrangements for user terminal approvals which are to be introduced from April 2000 for GSM are also expected to have a significant world-wide impact on third generation UMTS/IMT2000 terminals as well.

The changes are a result of a "new approach" European Directive known as "*Radio and Telecommunications Terminal Equipment and the Mutual Recognition of their Conformity*" – more commonly termed "the RTTE Directive". This Directive is being introduced in order to comply with international trends and obligations towards less sector-specific regulation as a means of further lowering barriers to innovation and trade in telecommunications.

In brief, although the issues are extremely complex, the new arrangements reduce the technology-specific legislation to those essential elements which can be handled generically such as health and safety, and effective use of radio spectrum. This means that the full responsibility for satisfactory operation and functioning of terminal equipment is to be transferred from regulators to industry, and specifically to equipment manufacturers and vendors, with regulators then overseeing the terminal market to ensure the processes are adequate and properly applied.

In order to build upon the tremendous experience and success of the previous type approval regime (which incidentally helped GSM overcome many practical hurdles on its way to becoming the major international roaming standard for mobile phones), the whole GSM community is now working to define the necessary future test requirements and procedures. The GSM Association, who represents GSM operators world-wide, is working with leading terminal and equipment manufacturers to define voluntary industry-based certification arrangements so that all users can be confident their terminals will continue to meet their particular roaming and interoperability requirements. This program will be formally launched at the 2000 GSM World Congress in February 2000, Cannes, France.

These regulatory changes will also be of benefit to UMTS/IMT-2000 as well as any other current or future system, and the UMTS Forum is presently conducting studies on how these new emerging GSM arrangements can become the basis for 3rd Generation Information Society products. The UMTS Forum has already contributed to a European Radio Committee report on global circulation, another key IMT-2000 topic which has implications on certification and approvals if users are free to carry and use their personal terminals world-wide. The UMTS Forum is working with all the other 3GPP Market Representation Partners to produce a policy framework that embraces every party's interests regarding regulatory type approvals, certification and global circulation as a basis for detailed contributions to 3GPP, the Standards Development Organisations, as well as the ITU and their member national administrations.