



BUILDING GLOBAL COMMUNICATIONS

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Dear Megan,

In response to IFAST correspondence (ref. letter to Ronald D. Ryan, Chair TR46.3 dated September 4, 2001) requesting information on TIA TR-46.3 work in the area of "Cross-Technology Roaming", I've been asked to provide you with information on our committee's work. I'm pleased to provide the information below.

The TR-46.3 Network Interworking and Interoperability (NIT) sub-committee was established in November of 1999 as a joint project between T1 and TIA to address and develop T1-TIA standards as necessary to support roaming between GSM MAP and TIA/EIA-41 MAP based networks. The TR-46.3 Scope and Charter are:

Scope

The scope of work for the TR-46.3 subcommittee on interoperability is network interoperability standards between GSM/PCS1900/GPRS MAP-based and ANSI-41 MAP-based systems based on an evolution of the current IS-129 standard. The work is planned as a Joint T1-TIA project with TR-46 in the lead.

Charter

The TR-46.3 subcommittee is chartered with:

- a) Developing Joint T1-TIA network interoperability ANSI and/or interim standard(s) that facilitate roaming between GSM/PCS1900/GPRS MAP-based systems and ANSI-41 MAP-based systems;
- b) Establishing liaisons with other standards bodies and industry forums (e.g., GAIT) to exchange information.

We have been working with other organizations such as the GSM/ANSI-136 Interoperability Team (GAIT), TR-45.2, and TR45.3 in soliciting information to be used in the development of these standards.



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We are pleased to note that the first phase of our work was technically completed in March 2001 with the subsequent publication of **T1-TIA Joint Standard J-STD-038 Network Interworking between GSM MAP and ANSI-41 MAP**. This standard is published and available. The standard is a four volume set that provides Architecture, Stage 1 Service Descriptions, Stage 2 Information Flows, and Stage 3 Message Mappings to support two-way roaming between GSM MAP based and TIA/EIA-41 MAP based networks including GSM, TDMA/ANSI-136, and AMPS.

We have recently completed the technical work for providing GPRS support in a Revision A of J-STD-038. This revision is currently out for ballot and we anticipate completing the work with submission to publication by November of this year.

A third phase is planned to produce a Revision B of J-STD-038 with cdma2000 support. We are working with TR-45.2 in this effort and soliciting Stage 1 Service Descriptions and Stage 2 Information Flows to drive the cdma2000 enhancements to J-STD-038. Our current plans are to finish the technical work for cdma2000 support by 2Q02 and have a Revision B ready for submission to publication by 3Q02.

In addition we have future plans for working with T1P1.1 in investigating the requirements and capabilities needed for roaming with UMTS Release 99.

Please let me know if I can be of further assistance. TR-46.3 looks forward to working with IFAST as necessary in support of "Cross-Technology Roaming".

Regards,

(signature on file)

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