3GPP TSG-CT *Tdoc CP-050187*
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Source: **MCC**
mailto:john.meredith@etsi.org

Title: **Proposal to transfer ownership of 09.12 and 09.14 from ETSI TISPAN to TSG CT WG4**

Document for: **discussion and decision**

The writing and approval of TS 09.12 "Application of ISDN User Part (ISUP) Version 2 for the Integrated Services Digital Network (ISDN) - Public Land Mobile Network (PLMN) signalling interface; Part 1: Protocol specification" was originally subcontracted by ETSI TC SMG to ETSI TC SPS[1]. SPS (specifically WG1) finished its work in 1997 and the document was published by ETSI as EN 300 646-1. After approval of two CRs at SMG#22, the document currently stands at version 4.2.2 – i.e. it pertains to GSM Phase 2.

SPS later modified its ISDN standards to relate to an improved ISUP, Version 3. This was published by ETSI as EN 302 646-1. Originally prepared as a Phase 2+ (R96) document, it was eventually incorporated into the GSM spec set as R98, and since its title had changed to reflect the new ISUP version (which differed considerably from the previous version), a new GSM TS number was allocated: 09.14 "Application of ISDN User Part (ISUP) Version 3 for the Integrated Services Digital Network (ISDN) - Public Land Mobile Network (PLMN) signalling interface; Part 1: Protocol specification". The ETSI publication procedures allow comments delivered by National Standards Organizations to be incorporated prior to publication, and these were handled by TC SPS without direct reference to TC SMG. This is why the published version is v7.1.0. (I include this information to justify this version number in the absence of any SMG CRs having ever been produced – just in case anybody is interested.)

Still with me?

TC SPS merged with TC NA[2] to become TC SPAN[3]; this in turn merged with TC TIPHON[4] to become TC TISPAN[5] – with which we are all familiar today. However, having finished their work on these standards, SPS and its successors saw no need ever to change them, and they have remained as isolated Phase 2 and R98 respectively TSs ever since.

In due time, 3GPP succeeded GSM as guardians of these orphans. Now, as is well known, in order that each Release be integrally correct, each spec must exist in each Release in which it is to apply. At present, the implication is that PLMN interworking with ISDN can only occur for Ph 2+ and R98 networks. This is patently not so!

Thus I propose:

- that 3GPP (specifically, CT4) takes over ownership of these two specifications from TISPAN; and
- that 09.12 be upgraded to R96, R97, R98, R99, Rel-4, Rel-5, Rel-6 and eventually Rel-7; and
- that 09.14 be upgraded to R99, Rel-4, Rel-5, Rel-6 and eventually Rel-7.

If CT can agree to this proposal, it will be necessary to make a formal request to TISPAN to take over this spec, and that is the subject of a draft Liaison Statement which appears in a separate document to this meeting.

The more perceptive delegates will now be asking themselves, if 09.12 and 09.14 were published as ENs 300 646-1 and 302 646-1 respectively, does this imply that there were parts 2 and maybe 3 to these specs. The answer is, of course: yes. Part 2 is the Protocol Implementation Conformance Statement (PICS) proforma and part 3 is the Test Suite

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1 Signalling Protocols and Systems; responsible for the European version of ISDN protocols.

2 Network Aspects

3 Signalling Protocols for Advanced Networks

4 Telecommunications and Internet Protocol Harmonization Over Networks

5 Telecommunications and Internet converged Services and Protocols for Advanced Networks

Structure and Test Purposes (TSS&TP) specification. Since SMG and 3GPP has never evinced any interest in a test spec for this interface, it is not proposed that ownership of these parts be changed. Since there is – as far as I am aware – no intention of ever modifying 09.12 or 09.14, there is no need envisaged to modify the test specs. They can safely be left to gather dust on ETSI's virtual shelves.

That said, the upgrading of 09.12 and 09.14 will require a review of the references in those documents, which are of course to old Releases of the GSM specs: these will need to be updated to refer to later 3GPP Releases as appropriate, but this can be achieved by the Support Team without difficulty.