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Excerpts from N1 Status Report (NP-000256)

4.1.5 Alignment with ISDN BC coding

CRs in tdocs NP-000268 delete V.32bis modem type from R96, R97, R98 and R99 Bearer Capability. This modem type was indicated to be unused and not implemented in ISDN. The reason for not leaving the code point "not allocated but used by previous versions of this protocol" was that according to TSGN1 understanding V.32bis modem type never existed for real so there should not be conflicts with any existing implementations. Because it was defined in the earlier versions of the protocol the manufacturers are being asked to check that they have not implemented it.

4.5.11 TEI

Several minor CRs under WI TEI are provided for plenary approval in tdoc NP-000274.

Two issues out of the TEI group of CRs deserve special attention, both because they are part of a feature which needs inter-WG co-operation.

One of these issues is IMEI hex coding where TSGN1 CR on 24.008 is N1-000779. The corresponding 23.003 change was under email approval process at the time of writing this report. The 24.008 CR agreed by TSGN1 refers to the IMEI coding which is defined in 23.003. If the corresponding 23.003 CR was agreed or revised, i.e. the hex coding is defined in 23.003 then also the TSGN1 CR should be agreed. If, on the other hand, no version of 23.003 defining the hex coding of IMEI field can be agreed, then also the 24.008 should be reconsidered.

The other one is the indication of the cause for the no CLI to B-subscriber. TSGN1 agreed 24.008 CR in tdoc N1-000750. This was agreed provisionally on the condition that the related SS stage 2 and stage 3 CRs on 23.081 and 24.081 are approved in TSGN4. If the related TSGN4 CRs are approved then N1-000750 should be also approved to complete the package but if not, then also this CR should be reconsidered.

TSGN4 chairman is asked to confirm the approval status of their CRs on hex IMEI and cause of no CLI as no formal LSs have been exchanged on the approval status of these CRs.

Excerpts from N3 Status Report (NP-000215)

2.4 Technical Enhancements and Improvements

With the transfer of 02.03 to 3GPP as 23.003 the notations of TS 61 and TS 62 for facsimile are now also applicable for 3G and not only for 2G (GSM). A CR against 29.007 considers this.

In co-operation with T2, the 3G TS 27.001, 27.002 and 27.003 were reviewed in order to adapt these specifications for UMTS. These CRs mainly implement the removal of the S interface in the terminal, the removal of X.21 procedure and the removal of the dedicated PAD service.

Another CR clarifies the behaviour of the visited MSC for the case the service indicated by the ISDN BC received from the gateway MSC differs from the service indicated by the PLMN BC received from the VLR.

Some additions were necessary related to the usage of the Iu UP protocol by the circuit switched bearer services, e.g.

- that Iu UP PDU type 1 has to be used for NT bearer services and
- the SDU sizes for T bearer services were determined.

These CRs are comprised in NP-000229 (N3-000136, 193, 213, 250, 261, 264, 265, 266, 268).

Excerpts from N4 Status Report (NP-000281)

Work Item TEI (Agenda 6.6.4)

The TEI CRS addresses necessary corrections to the R'99 specifications (e.g. 23.003, 29.002, 29.060, etc). The main issues are version handling of MAP dialogues, handling of SMS dialogues, network Identifiers, etc.). These CRs are documented within Tdocs *NP-000302 (corrective)*.

A number of TEI CRs addresses additional functionality to the Release 99 on the issues hexadecimal IMEIs, charging characteristics per PDP context, mandatory inclusion of IMSI within SGSN Context Response if P-TMSI Signature Mismatch, and UTRAN identifiers. These functional CRs are in Tdoc *NP-000301 (functional)*.

The hexadecimal IMEI is an extension of the IMEI to support hexadecimal characters to enlarge the range of IMEI values. This modification addresses the assumed explosion of mobile terminals. ***A specific cut-off date of the update of the old EIR platforms needs to be endorsed by the CN Plenary.***

The charging characteristics per PDP context introduce charging based per PDP Context in addition to the subscribed Charging Characteristics. This was requested by 3GPP S5 and accordingly implemented. However, this is considered as an additional functionality to Release 99 and needs to be endorsed by the CN Plenary.

The mandatory inclusion of the "IMSI within the SGSN Context Response if P-TMSI Signature Mismatch" will improve the Route Area Update (RAU) procedure. This enhancement is considered as a modification of an R'99 feature and needs to be endorsed by the CN Plenary.

The UTRAN identifiers are moved from 3GPP TS 25.401 to the TS 23.003. Although no technical change is contained in this move of UTRAN identifiers between 3GPP TSs, strictly speaking this change is still modification of feature to the particular TS (i.e. TS 23.003). Therefore, the CR is categorised, as C. This change is not reported in section 4.3