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3GPP TSG GERAN Meeting #7
Cancun, Mexico, 26 – 30 November 2001

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Agenda Item 7.2.5.1

Liaison Statement

To: 3GPP TSG CN, CN1
From: 3GPP TSG GERAN
Subject: Introduction of GERAN feature indicator
Contact: Sven Ekemark, Ericsson
Sven.H.Ekemark@era.ericsson.se

Overall Description

Following the joint meeting between TSG CN WG1 and TSG GERAN WG2 in Cancun, 27 November 2001, the TSG GERAN has agreed to propose a *GERAN Feature Packet 1* indicator in 3GPP TS 24.008. The indicator shall be used to indicate the MS support of the GERAN protocol features that were introduced by the REL-4 of the GERAN protocol specifications.

In the chairman's minutes from the joint CN1/G2 meeting (Cancun0111; agenda item 12: N1-011814), the following agreements could be noted:

- ?? Currently there is no need to increase the revision level for Rel-4. [*GERAN remark*: "Revision level" refers to the parameter with that name in the MS classmark 2.]
- ?? The support of mandatory features can not always be deduced from the revision level. It must be clearly stated in the protocol specifications which features are mandatory for a certain release and which are not.
- ?? When the network needs to know the support of a certain feature or set of features by the mobile then a dedicated indication of the feature or set of features is preferred.
- ?? The support of partial releases ('Cherry Picking') was proposed by some delegates but was not agreed.
- ?? If an optional feature needs an indication of support from the MS to the network then this indication must be independent of any other indications.

The GERAN Feature Packet 1 indicator proposed by TSG GERAN has the following properties:

- ?? The protocol features that are indicated by the GERAN Feature Packet 1 indicator are specific for the GERAN protocols. The indicator has no significance for the core network.
- ?? The MS requirements associated with the protocol features that are indicated by the GERAN Feature Packet 1 indicator are specified in the relevant GERAN protocol specifications.
- ?? The protocol features included in the GERAN Feature Packet 1 are the *Network Assisted Cell Change* procedures and the *Extended uplink TBF mode*. One bit is allocated in each of the Mobile Station Classmark 3 IE and the MS Radio Access Capability IE to indicate the support of this set of features.
- ?? The mobile station shall support the GERAN Feature Packet 1 according to the REL-4 of the GERAN protocol specifications. The indication in the classmark information shall be set by the mobile station as it is needed to enable the network to determine when these protocol features can be applied.

The question whether a *next* GERAN Feature Package, at some point in future, shall build upon the package defined now (i.e. the support of the next package require the support of the GERAN Feature Package 1), or be independent of the package defined now, was left open. Such decision can be made when a next package is defined and when the actual content of the next package becomes known.

Attachments

- 1) A draft CR to 3GPP TS 24.008 (REL-4), introducing the GERAN Feature Packet 1 indicator in the Mobile Station Classmark 3 IE and the MS Radio Access Capability IE.
- 2) *Document GP-012848*: The agreed CR to 3GPP TS 44.060 (REL-4) is attached for information. This CR introduces the linkage between the GERAN Feature Packet 1 indicator and the features in this package in the GERAN protocol specifications.

Actions

TSG GERAN kindly asks TSG CN to endorse the attached draft CR to 3GPP TS 24.008.

Date of next TSG GERAN WG2 meetings

- 14 – 18 January 2002: TSG GERAN WG2 meeting #7bis
4 – 8 February 2002: TSG GERAN meeting #8