

Title: Preferred Roaming List for 3GPP2/3GPP Multi-mode Terminal
Response to: SP-030766
Release:
Work Item:

Source: 3GPP TSG-SA
To: 3GPP2 TSG-C
Cc:

Contact Person:

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Attachments: none

1. Overall Description:

3GPP TSG SA thanks 3GPP2 TSG-C for their LS on "Preferred Roaming List for 3GPP2 Multi-mode Terminal".

In consideration of discussion in 3GPP working groups which took place, SA has made the following preliminary conclusions:

- 1) According to TSG SA's understanding, the Preferred Roaming List belongs to an overlay which allows selecting, in certain situations, between a 3GPP system and a 3GPP2 system, according to their configured priorities.
- 2) TSG SA would also like to remind that the current 3GPP specification provides the capability for the user to set its own PLMN selection preferences. This has been done to ensure a fair competition environment. TSG SA expects that this is maintained in the design of the Preferred Roaming List, although this was not fully clear from the document received from 3GPP2 TSG-C.
- 3) Also in light of the previous points, TSG SA would like to stress that the selection procedures of PLMNs, cells, etc. of a 3GPP system are specified in the 3GPP specification.
- 4) Considering the above, there should be no impact on GERAN or UTRAN specifications.

In addition the following comments should be noted:

- 1) When in 3GPP mode, the PRL overlay should not interfere 3GPP background search procedures.
- 2) Regarding the possible issue of service continuity, it is TSG SA's understanding that the PRL logic applies in idle mode only, thus not endangering ongoing CS calls. However, it is TSG SA's understanding that PDP contexts might be impacted, and thus there might be a need to consider exactly in which situations the PRL logic should apply.
- 3) It needs to be ensured that the signalling load is minimized by e.g. introducing a timer and/or a system selection hysteresis, in order to prevent any ping-pong effects.

TSG SA is unable to fully verify that the above requirements are met by the proposal but is willing to work with 3GPP2 on an overlay system selection specification. TSG SA would like to receive a more detailed proposal, including more details on scenarios and service requirements, in addition to what is described in the attachment to the original LS from TSG-C entitled GSM/UMTS PRL Overview.

It is also unclear to TSG SA whether the proposal is based on PLMN selection or system selection. The former may cause conflict with 3GPP specifications.

2. Actions:

To 3GPP2 TSG-C:

ACTIONS:

Provide more information as described above.

3. Date of Next TSG SA Meetings:

SA#24 7 – 10 June 2004 Seoul, S. Korea

SA#25 13 - 16 September 2004 Palm Springs, CA