Title: Proposed LS to 3GPP2 on Preferred Roaming List for 3GPP2/3GPP Multi-mode Terminal

Source: **Ericsson, Nokia, Siemens, T-Mobile**

Agenda: **6.1**

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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:

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Attachments: none

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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 recent discussion in 3GPP working groups, TSG SA has made the following preliminary conclusions:

1) According to TSG SA's understanding, the Preferred Roaming List should not consider 3GPP PLMNs but instead, system selection between 3GPP and 3GPP2 should belong to an overlay system selection function, which is independent from the 3GPP2 PRL and the 3GPP PLMN selection.

2) TSG SA would also like to remind 3GPP2 that the current 3GPP specification provides the capability for the user to set his/her own PLMN selection preferences; as well user can manually select any PLMN. This has been done to ensure a fair competition environment. TSG SA presumes that this will be maintained in the design of the overlay system selection function.

3) Also in light of the previous points, TSG SA would like to stress out that the selection procedures of PLMNs, cells, etc. of a 3GPP system are specified in the 3GPP specification.

4) 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 between systems.

5) Regarding the possible issue of service continuity at system change, it's TSG SA's understanding that the overlay system selection function shall not preclude currently used Supplementary Services like Call Forwarding as well as some other services like IMS.

6) Regarding the possible issue of currently used services like ongoing speech call, it is TSG SA's understanding that the overlay system applies to idle mode only, thus not endangering ongoing services. 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 overlay system selection function should apply.

7) Any functionality in the overlay system selection function should not impact the 3GPP protocol requirements (in particular in regards to paging, cell selection, cell re-selection and PLMN selection)

In order that the overlay system selection function is accepted across the industry, it is important that the solution is agreed by both 3GPP and 3GPP2. On this issue TSG SA has taken the lead within 3GPP TSGs and hence shall be considered as the contact point for 3GPP2 and looks forward to a constructive dialogue on this issue.

Especially TSG SA would like now to consider more information on service requirements for the overlay system selection function (the description in the attachment to the original LS from TSG-C entitled GSM/UMTS PRL Overview, was considered to be the 3GPP2 internal PLMN selection procedure and not a overlay system selection function as such).

2. Actions:

To 3GPP2 TSG-C:

ACTIONS:

TSG SA requests that 3GPP2 TSG-C continues to be aware of 3GGP's interest in the overlay system selection function specification work and provide answer to issues raised in this LS and provide more information so that TSG SA can better understand the work which has to be performed.

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