3GPP SA1 meeting #19   **S1-030272**
San Francisco, USA, 20-24 January 2003.

Title:	**Response to S1-030133 Third Form Factor work status and request for additional requirements**
Response to:	SCP-030066
Release:	
Work Item:	EP SCP Third Form Factor
Source:	3GPP TSG-SA1
To:	EP SCP
Cc:	GSMA SCaG, T3, SA

Contact Person:
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> **Attachments:**   - S1-030133 (Third Form Factor work status and request for additional requirements)

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1. Overall Description:

SA1 thanks EP SCP for the information regarding the work status on Third Form Factor and notes the consensus reached within SCP regarding the standardisation of a 3rd UICC Form Factor.

SA1 would like to reaffirm the content of the previous LS sent from SA1 to SCP (S1-022248), that some operators will require smaller UICC implementations in the near future. The intention of SCP to have a technical specification for the third form factor ready by SCP #14 (September 2003) would satisfy this requirement.

Regarding the questions for additional requirements, SA1 makes the following comments:
   a. No comment as this question is addressed to SCaG.
   b. No comments as this question is addressed to SCaG
   c. SA1 would like to ensure backward compatibility.   SA1 would prefer that the contacts used by the UICC remained unchanged between existing UICC form factors and a 3rd UICC Form Factor. Other enhancements may be possible as long as the new form factor UICC can be easily inserted into terminals that only support Plug-in UICC, and does not effect any existing functionalities.
   d. SA1 believes that both holder and adapter may be needed and understands that any plug-in format adapter specification is outside the scope of SCP.
   e. The current proposals of SCP for the work regarding 3rd Form Factor UICCs would provide a standardised solution within an appropriate timeframe. It would enable operators to rely on a standardised solution and so avoid resorting to proprietary de facto solutions.
   f. SA1 understand that display of ICCID on the UICC is required for logistical purposes. However, SA1 also believes that this should not be a limit to technology enhancement. Different ways of displaying this information (or part of it) can be considered. Therefore, SA1 does not have any specific requirements for the surface (area) to display such information display.
   g. SA1 believes that a physical mechanism to prevent incorrect insertion is preferred, however it may be sufficient to have a graphic indicator on the card to enable easy identification of the correct orientation. Every effort should be made to ensure that no harm can be done to the UICC or UE in the case of incorrect insertion.
   h. SA1 thinks that such smaller UICCs and current Plug-in UICCs will exist within the marketplace at the same time. More specifically, it shall be possible for the proposed 3rd Form Factor UICC to be easily inserted and used within a terminal that only supports Plug-in UICC.

Regarding the priority list, SA1 would classify the requirements stated within the LS received from SCP in the following order:
> 1. backward compatibility
> 2. size reduction

3. timeframe

SA1 understands, that the work regarding the standardisation of a 3rd UICC Form Factor targets a short time scale, which satisfies the requirement of some operators for quick introduction of these UICCs.

SA1 also understands, that a more substantial reduction of the size of the UICC (and possibly substantial functional enhancements to the UICC) is in the scope of UICCng, which targets a longer timescale.

2. Actions:

To: EP SCP

> **ACTION:** EP SCP is kindly requested to keep SA1 informed about the status of UICC 3rd Form Factor work as appropriate.

3. Date of Next SA1 Meetings:

SA1#20	07 - 11 April 2003,	Seoul, South Korea, Samsung
SA1 SWGs #21	12 - 16 May 2003,	SanDiego,USA, North American Friends