3GPP TSG-SA Meeting #26 **TSGS#26(04)0750**
13th – 16th December 2004. Athens, Greece.

Source: **TSG SA WG2**
Title: **CRs on 23.002 (Overall Architecture)**
Agenda item: **7.2.3**
Document for: **APPROVAL**

The following CRs have been agreed by TSG SA WG2 and are requested to be approved by TSG SA plenary #26.

Note: *the source of all these CRs is now SA2, even if the name of the originating company(ies) is still reflected on the cover page of all the attached CRs.*

Tdoc	Title	Spec	CR	Rev	Cat	C_Ver	Rel	WI
S2-043333	Floor control	23.002	145		F	6.5.0	Rel-6	IMS2
S2-043369	Removing GPS specifity for SAS to unify with RAN Technical Specifications	23.002	146		F	6.5.0	Rel-6	LCS2

3GPP TSG-SA WG2 Meeting #42 ***Tdoc ⌘S2-043333***
Sophia Antipolis, France, 11-15 October 2004

CR-Form-v7.1

CHANGE REQUEST

⌘ **23.002** **CR** **145** ⌘**rev** **-** ⌘ Current version: **6.5.0** ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: UICC apps⌘ [ ] ME [X] Radio Access Network [ ] Core Network [X]

Title:	⌘	Floor Control
Source:	⌘	Siemens
Work item code:	⌘	IMS2
Date:	⌘	13/10/2004
Category:	⌘	**F**
Release:	⌘	Rel-6

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:
Ph2 (GSM Phase 2)
R96 (Release 1996)
R97 (Release 1997)
R98 (Release 1998)
R99 (Release 1999)
Rel-4 (Release 4)
Rel-5 (Release 5)
Rel-6 (Release 6)
Rel-7 (Release 7)

Reason for change:	⌘	According to the stage 3 specification TS 24.147 (clause 8) ffoor control is an important task of the MRFP.
Summary of change:	⌘	Add floor control as MRFP functionality.
Consequences if not approved:	⌘	Misalignment between TS 23.002 and TS 24.147.

Clauses affected:	⌘	4a.7.4a			
Other specs affected:	⌘	**Y** / **N**	Other core specifications	⌘	23.228, CR 145
		X /	Test specifications		
		/ **X**	O&M Specifications		
Other comments:	⌘				

How to create CRs using this form:
Comprehensive information and tips about how to create CRs can be found at http://www.3gpp.org/specs/CR.htm.
Below is a brief summary:

1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.

2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://ftp.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

4a.7.4a Multimedia Resource Function Processor (MRFP)

The MRFP:

- Controls bearers on the Mb reference point.
- Provides resources to be controlled by the MRFC.
- Mixes incoming media streams (e.g. for multiple parties).
- Sources media streams (for multimedia announcements).
- Processes media streams (e.g. audio transcoding, media analysis).
- Floor Control (i.e. manage access rights to shared resources in a conferencing environment).

CR-Form-v7

CHANGE REQUEST

⌘ **23.002** **CR** **146** ⌘ **rev** ⌘ Current version: **6.5.0** ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: UICC apps⌘ ☐ ME ☐ Radio Access Network ☒ Core Network ☐

Title:	⌘	**Removing GPS specifity for SAS to unify with RAN Technical Specifications**
Source:	⌘	Orange
Work item code:	⌘	LCS2
Date:	⌘	14/10/2004
Category:	⌘	**F**
Release:	⌘	Rel-6

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:
2 (GSM Phase 2)
R96 (Release 1996)
R97 (Release 1997)
R98 (Release 1998)
R99 (Release 1999)
Rel-4 (Release 4)
Rel-5 (Release 5)
Rel-6 (Release 6)

Reason for change:	⌘	SAS is defined as "Stand-Alone A-GPS SMLC" in this specification wheras it is defined as "Stand-Alone SMLC" in RAN Technical Specifications
Summary of change:	⌘	GPS specificity for the SMLC is removed
Consequences if not approved:	⌘	Inconsistency between SA and RAN specifications

Clauses affected:	⌘	Section 4a.3.1 (Location Services (LCS) entities in RAN) Section 6a.3.10 (Interface between SRNC and SAS)

	Y	N		
Other specs affected: ⌘		X	Other core specifications	⌘
		X	Test specifications	
		X	O&M Specifications	

Other comments:	⌘	

<< Modified sections >>

4a.3.1 Location Services (LCS) entities in RAN

The RAN (UTRAN and GERAN) supports one or more UE/MS positioning methods to calculate the geographical position of the UE/MS and responds to the UE/MS location request received from the CN. The RAN may broadcast LCS assistance data to Ues/MSs under its coverage. In case this assistance data is ciphered, the ciphering key is provided by the CN to the UE/MS.

To support UE positioning methods, the RAN is made of several entities like:

BSC/SRNC: the BSC for GERAN and SRNC for UTRAN receive authenticated location requests from the CN:

- In UTRAN, the SRNC co-ordinates the positioning requests taking into account their priority and it selects the positioning method to fulfil the requested accuracy. It interfaces, when necessary, with the CRNC which mainly manages resources allocated to UE positioning operations and requests UE Positioning related measurements from its associated Node Bs and LMUs.
- In GERAN, the BSC passes the location request to the SMLC.

SMLC:

- The Serving Mobile Location Center (SMLC) function can be part of the RNC or be a SAS (Stand-Alone ~~A-GPS~~ SMLC) for UTRAN. The SMLC function can be part of the BSC or be in a separate SMLC server for GERAN.
- In UTRAN, the SMLC function provides ~~GPS~~ assistance data to the RNC and acts as a location calculation server if the location estimates are not to be calculated in the RNC.
- In GERAN, the SMLC function co-ordinates the positioning request, schedules resources required to perform positioning of a mobile, and calculates the final location estimate and accuracy. The SMLC may control a number of LMUs.

LMU: The Location Measurement Unit (LMU) entity makes measurements for one or more positioning methods.

Node B: Node B is a network element of UTRAN that may provide measurement results for position estimation and makes measurements of radio signals.

CBC: The Cell Broadcast Center, in GERAN, the SMLC function may interface a CBC in order to broadcast assistance data using existing cell broadcast capabilities.

For detail on Location services, entities and interfaces provided by UTRAN, see 3GPP TS 25.305 [10b].

For detail on Location services, entities and interfaces provided by GERAN, see 3GPP TS 43.059 [10d].

<< Next modified section >>

6a.3.10 Interface between SRNC and SAS (Stand-Alone ~~A-GPS~~ SMLC) (Iupc-interface)