3GPP TSG CN Plenary **Tdoc NP-000744**
Meeting #10, Bangkok, Thailand
6th – 8th December 2000

Source: **TSG CN WG 5 chairman**

Title: **Procedure for CN5 CR's to 23.127 chapters CN5 is responsible for, and two concrete examples**

Agenda item:

Document for: **APPROVAL**

Introduction:

The work distribution between SA2 and CN5 has been determined such that maintenance of parts of TS23.127 falls under CN5 responsibility now. At the last CN5 meeting, two CR's to 23.127 have been endorsed. Although CN5 is now responsible for certain chapters of 23.127, it is not fully clear in which meetings CR's towards those chapters have to be discussed and approved. Therefore, the proposal to this meeting is two-fold:

1) The procedural issue. It is proposed that CR's to the chapters of 23.127 that CN5 is responsible for, are endorsed by CN5, endorsed by the CN plenary and proposed by CN to the SA plenary. This would mean that S2 is not part of the procedure, consistent with the fact that S2 is no longer responsible for the chapters under consideration
2) CN5 would like the CN plenary to endorse the CR's as attached, and propose these CR's to SA as a liaison to SA plenary number 10.

SPEC	CR	REV	TDoc	PHASE	SUBJECT	CAT	OLD VER
23.127	025		N5-000265	R99	getCriteria has superfluous assignmentID parameter	F	3.1.0
23.127	026		N5-000266	R99	The setCallBackWithSessionID is missing from the base service interface. This provides an extra parameter to specify for which session the callBack applies.	F	3.1.0

3GPP Meeting CN5 #7
Sophia Antipolis, November 7-8

Document N5-000265
e.g. for 3GPP use the format TP-99xxx
or for SMG, use the format P-99-xxx

CHANGE REQUEST

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23.127	CR	???	Current Version:	3.1.0

GSM (AA.BB) or 3G (AA.BBB) specification number ↑ *↑ CR number as allocated by MCC support team*

For submission to:	CN#10	for approval	X	strategic		(for SMG use only)
list expected approval meeting # here ↑		for information		non-strategic		

Form: CR cover sheet, version 2 for 3GPP and SMG *The latest version of this form is available from: ftp://ftp.3gpp.org/Information/CR-Form-v2.doc*

Proposed change affects: (U)SIM [ ] ME [ ] UTRAN / Radio [ ] Core Network [X]
(at least one should be marked with an X)

Source: Ericsson **Date:** 27 October 2000

Subject: getCriteria has superfluous assignmentID parameter.

Work item: OSA

Category: *(only one category shall be marked with an X)*

F	Correction	X	**Release:**	Phase 2	
A	Corresponds to a correction in an earlier release			Release 96	
B	Addition of feature			Release 97	
C	Functional modification of feature			Release 98	
D	Editorial modification			Release 99	X
				Release 00	

Reason for change: When the application requests the criteria it is interested in all the criteria that this application did enable. The result will be a set of criteria. Each criteria in the set will contain the corresponding assignmentID.

Clauses affected: 7.1.1

Other specs affected:

Other 3G core specifications	[ ]	→ List of CRs:
Other GSM core specifications	[ ]	→ List of CRs:
MS test specifications	[ ]	→ List of CRs:
BSS test specifications	[ ]	→ List of CRs:
O&M specifications	[ ]	→ List of CRs:

Other comments:


help.doc

<--------- double-click here for help and instructions on how to create a CR.

7.1.1 Call Manager

The generic call manager interface provides the management functions to the generic call Service Capability Features. The application programmer can use this interface to enable or disable call-related event notifications.

Method	**`enableCallNotification()`** This method is used to enable call notifications to be sent to the application.
Direction	Application to network
Parameters	appInterface If this parameter is set (i.e. not NULL) it specifies a reference to the application interface which is used for callbacks. If set to NULL, the application interface defaults to the interface specified via the `setCallback()` method. eventCriteria Specifies the event specific criteria used by the application to define the event required. Individual addresses or address ranges may be specified for destination and/or origination. Examples of events are "incoming call attempt reported by network", "answer", "no answer", "busy".
Returns	assignmentID Specifies the ID assigned by the generic call control manager object for this newly-enabled event notification.
Errors	USER_NOT_SUBSCRIBED Returned if the end-user is not subscribed to the application APPLICATION_NOT_ACTIVATED Returned if the end-user has de-activated the application USER_PRIVACY_VIOLATION Returned if the requests violates the end-user's privacy setting

Method	**`changeCallNotification()`** This method is used to change the notification criteria initially set with enableCallNotification().
Direction	Application to network
Parameters	eventCriteria Overrides the set of event criteria initially defined with enableCallNotification(). assignmentID Specifies the ID returned with enableCallNotification().
Returns	
Errors	USER_NOT_SUBSCRIBED Returned if the end-user is not subscribed to the application APPLICATION_NOT_ACTIVATED Returned if the end-user has de-activated the application USER_PRIVACY_VIOLATION Returned if the requests violates the end-user's privacy setting

Method	**`disableCallNotification()`** This method is used by the application to disable call notifications.
Direction	Application to network
Parameters	assignmentID Specifies the assignment ID given by the generic call control manager object when the previous `enableNotification()` was called.
Returns	-
Errors	`INVALID_ASSIGNMENTID` Returned if the assignment ID does not correspond to one of the valid assignment IDs.

Method	**`getCriteria()`** This method is used to retrieve the call event notification criteria set with enableCallNotification() or changeCallNotification().
Direction	Application to network
~~**Parameters**~~	~~assignmentID~~ ~~Specifies the assignment ID given by the generic call control manager object when the previous `enableNotification()` was called.~~
Returns	eventCriteria Specifies the event specific criteria currently set.
~~**Errors**~~	~~`INVALID_ASSIGNMENTID`~~ ~~Returned if the assignment ID does not correspond to one of the valid assignment Ids.~~

Method	**`callEventNotify()`** This method notifies the application of the arrival of a call-related event.
Direction	Network to application
Parameters	callReference Specifies the call session ID and the reference to the call object to which the notification relates. eventInfo Specifies data associated with this event. These data include originating address, original destination address, redirecting address and application information, which consists of teleservice information, bearer service information, calling party's category, presentation address, additional calling party address, alerting mechanism, network access type, interworking indicators and generic info for operator specific information. assignmentID Specifies the assignment ID which was returned by the `enableNotification()` method. The application can use assignment ID to associate events with event-specific criteria and to act accordingly. appInterface Specifies a reference to the application object which implements the callback interface for the new call.
Returns	-
Errors	-

Method	**`callAborted()`** This method indicates to the application that the call object has aborted or terminated abnormally. No further communication will be possible between the call object and the application.
Direction	Network to application
Parameters	callReference Specifies the call object that has aborted or terminated abnormally.
Returns	-
Errors	-

Method	**`callNotificationInterrupted()`** This method indicates to the application that all event notifications have been temporary interrupted (for example, due to faults detected). Note that more permanent failures are reported via the Framework (integrity management).
Direction	Network to application
Parameters	-
Returns	-
Errors	-

Method	**`callNotificationContinued()`** This method indicates to the application that event notifications will again be possible.
Direction	Network to application
Parameters	-
Returns	-
Errors	-

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23.127	CR	???	Current Version:	3.1.0

GSM (AA.BB) or 3G (AA.BBB) specification number ↑ *↑ CR number as allocated by MCC support team*

For submission to:	CN#10	for approval	X	strategic		(for SMG use only)
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Form: CR cover sheet, version 2 for 3GPP and SMG *The latest version of this form is available from: ftp://ftp.3gpp.org/Information/CR-Form-v2.doc*

Proposed change affects: *(at least one should be marked with an X)* (U)SIM [ ] ME [ ] UTRAN / Radio [ ] Core Network [X]

Source: Ericsson **Date:** 27 October 2000

Subject: The setCallBackWithSessionID is missing from the base service interface. This provides an extra parameter to specify for which session the callBack applies.

Work item: OSA

Category: *(only one category shall be marked with an X)*

F	Correction	X	**Release:**	Phase 2	
A	Corresponds to a correction in an earlier release			Release 96	
B	Addition of feature			Release 97	
C	Functional modification of feature			Release 98	
D	Editorial modification			Release 99	X
				Release 00	

Reason for change: Most of the SCFs use sessionIDs in the methods to allow addressing of a specifc session. This allows an implemenation to use a 'single object' to handle multiple sessions (e.g., calls). The callback objects are session related. Therefore, the application must be able to specify which session the setCallBack applies to.

The method is already present in the 29.198 v 3.1.0

Clauses affected: 5.4.2

Other specs affected:

Other 3G core specifications	[ ]	→ List of CRs:
Other GSM core specifications	[ ]	→ List of CRs:
MS test specifications	[ ]	→ List of CRs:
BSS test specifications	[ ]	→ List of CRs:
O&M specifications	[ ]	→ List of CRs:

Other comments:

help.doc

<--------- double-click here for help and instructions on how to create a CR.

5.4.2 Base Service Interface

This interface provides the base for all interfaces described in the following clauses. It allows an application to set an interface reference to be used by the OSA interfaces for requests and asynchronous responses to the application. For example, when an application wants to be notified upon the receipt of the "called party busy" event, the Service Capability Server must know where to send the notification. This reference can be provided by the application with the setCallBack method across the OSA API.

Name	Base_Service_Interface
Method	**`setCallback()`** This method specifies the reference address of the callback interface that an SCF uses to invoke methods on the application.
Direction	Application to Framework
Parameters	appInterface Specifies a reference to the application interface which is used for callbacks.
Returns	
Errors	

Name	Base_Service_Interface
Method	**`SetCallbackWithSessionID()`** This method specifies the reference address of the application's callback interface that a service uses for interactions associated with a specific session ID: e.g. a specific call, or call leg.
Direction	Application to Framework
Parameters	appInterface Specifies a reference to the application interface which is used for callbacks. sessionID Specifies the session for which the service can invoke the application's callback interface
Returns	
Errors	