3GPP TSG CN Plenary Meeting #20 **NP-030238**
04-06 June 2003. Hämeenlinna, FINLAND

Source: **CN5 (OSA)**

Title: **Rel-4 CRs 29.198-04/5/8 OSA API Part 4/5/8: Call control / Generic user interaction / Data session control**

Agenda item: **7.10**

Document for: **APPROVAL**

Doc-1st-Level	Spec	CR	R	Ph	Subject	Cat	Ver-Curr	Doc-2nd-Level	WI
NP-030238	29.198-04	065	-	Rel-4	Correction of the description for callEventNotify & reportNotification	F	4.6.0	N5-030250	OSA1
NP-030238	29.198-04-2	007	-	Rel-5	Correction of the description for callEventNotify & reportNotification	F	5.2.0	N5-030253	OSA1
NP-030238	29.198-04-3	011	-	Rel-5	Correction of the description for callEventNotify & reportNotification	F	5.2.0	N5-030254	OSA1
NP-030238	29.198-04-4	005	-	Rel-5	Correction of the description for callEventNotify & reportNotification	F	5.2.0	N5-030255	OSA1
NP-030238	29.198-05	034	-	Rel-4	Correction of the description for callEventNotify & reportNotification	F	4.6.0	N5-030251	OSA1
NP-030238	29.198-05	035	-	Rel-5	Correction of the description for callEventNotify & reportNotification	A	5.2.0	N5-030256	OSA1
NP-030238	29.198-08	024	-	Rel-4	Correction of the description for callEventNotify & reportNotification	F	4.6.0	N5-030252	OSA1
NP-030238	29.198-08	025	-	Rel-5	Correction of the description for callEventNotify & reportNotification	A	5.2.0	N5-030257	OSA1

joint-API-group (Parlay, ETSI Project OSA, 3GPP TSG_CN WG5) **N5-030250**
Meeting #23, San Diego, CA, USA, 19 - 23 May 2003

CR-Form-v7

CHANGE REQUEST

⌘ **29.198-04** **CR** **065** ⌘ **rev** **-** ⌘ Current version: **4.6.0** ⌘

*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 **X**

Title:	⌘	Correction of the description for callEventNotify & reportNotification
Source:	⌘	Scott Broussard (IBM, scottjb@us.ibm.com)
Work item code:	⌘	OSA1 — ***Date:*** ⌘ 19/05/2003
Category:	⌘	**F** — ***Release:*** ⌘ *REL-4*

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:	⌘	The description of the IpAppCallControlManager.callEventNotify() and IpMultiPartyCallControlManager.reportNotification() were modified in OSA Rel-5 to provide for a null callback reference to be returned when the callback is specified with setCallbackWithSessionID(). However, the spec reads setCallback(). Update the specification to refer to the appropriate setCallbackWithSessionID() method. Also, this problem exists on all objects where reportNotification() exists, so therefore similar language should be included for those API as well (User Interaction and Data Session Control).
Summary of change:	⌘	This correction of referencing the correct API is necessary to avoid misleading the reader.
Consequences if not approved:	⌘	The application can not remove a callback setup with IpService.setCallback() even when the callback becomes invalid for various reasons.

Clauses affected:	⌘	6.3.2, 7.3.2, 8.3.2, 9.3.2			
		Y	**N**		
Other specs	⌘	**X**		Other core specifications	⌘ Rel-4 29-198-05/-08 Rel-5 29-198-04-2/3/4, Rel-5 29-198-05/-08
Affected:			**X**	Test specifications	
			X	O&M Specifications	
Other comments:	⌘	Rel-4/5 CRs to 29-198-04/-05/-08 are attached.			

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.

29-198-04 Generic Call Control

6.3.2

Method

callEventNotify()

This method notifies the application of the arrival of a call-related event.

If this method is invoked with a monitor mode of P_CALL_MONITOR_MODE_INTERRUPT, then the APL has control of the call. If the APL does nothing with the call (including its associated legs) within a specified time period (the duration of which forms a part of the service level agreement), then the call in the network shall be released and callEnded() shall be invoked, giving a release cause of 102 (Recovery on timer expiry).

When this method is invoked with a monitor mode of P_CALL_MONITOR_MODE_INTERRUPT, the application writer should ensure that no routeReq() is performed until an IpAppCall has been passed to the gateway, either through an explicit setCallbackWithSessionID() invocation on the supplied IpCall, or via the return of the callEventNotify() method.

Returns appCall: Specifies a reference to the application interface which implements the callback interface for the new call. If the application has previously explicitly passed a reference to the IpAppCall interface using a setCallbackWithSessionID() invocation, this parameter may be null, or if supplied must be the same as that provided during the setCallbackWithSessionID().

This parameter will be null if the notification is in NOTIFY mode.

Parameters

callReference : in TpCallIdentifier

Specifies the reference to the call interface to which the notification relates. If the notification is in NOTIFY mode, this parameter shall be ignored by the application client implementation, and consequently the implementation of the SCS entity invoking callEventNotify may populate this parameter as it chooses.

eventInfo : in TpCallEventInfo

Specifies data associated with this event.

assignmentID : in TpAssignmentID

Specifies the assignment id which was returned by the enableCallNotification() method. The application can use assignment id to associate events with event specific criteria and to act accordingly.

Returns

IpAppCallRef

29-198-04 Multi Party Call Control

7.3.2

Method

reportNotification()

This method notifies the application of the arrival of a call-related event.

If this method is invoked with a monitor mode of P_CALL_MONITOR_MODE_INTERRUPT, then the APL has control of the call. If the APL does nothing with the call (including its associated legs) within a specified time period

(the duration of which forms a part of the service level agreement), then the call in the network shall be released and callEnded() shall be invoked, giving a release cause of P_TIMER_EXPIRY.

Returns appCallBack: Specifies references to the application interface which implements the callback interface for the new call and/or new call leg. If the application has previously explicitly passed a reference to the callback interface using a setCallbackWithSessionID() invocation, this parameter may be set to P_APP_CALLBACK_UNDEFINED, or if supplied must be the same as that provided during the setCallbackWithSessionID().

This parameter will be set to P_APP_CALLBACK_UNDEFINED if the notification is in NOTIFY mode.

Parameters

`callReference : in TpMultiPartyCallIdentifier`

Specifies the reference to the call interface to which the notification relates. If the notification is being given in NOTIFY mode, this parameter shall be ignored by the application client implementation, and consequently the implementation of the SCS entity invoking reportNotification may populate this parameter as it chooses.

`callLegReferenceSet : in TpCallLegIdentifierSet`

Specifies the set of all call leg references. First in the set is the reference to the originating callLeg. It indicates the call leg related to the originating party. In case there is a destination call leg this will be the second leg in the set. from the notificationInfo can be found on whose behalf the notification was sent.

However, if the notification is being given in NOTIFY mode, this parameter shall be ignored by the application client implementation, and consequently the implementation of the SCS entity invoking reportNotification may populate this parameter as it chooses.

`notificationInfo : in TpCallNotificationInfo`

Specifies data associated with this event (e.g. the originating or terminating leg which reports the notification).

`assignmentID : in TpAssignmentID`

Specifies the assignment id which was returned by the createNotification() method. The application can use assignment id to associate events with event specific criteria and to act accordingly.

Returns

`TpAppMultiPartyCallBack`

CR-Form-v7

CHANGE REQUEST

⌘ **29.198-05** **CR** **034** ⌘ **rev** **-** ⌘ Current version: **4.6.0** ⌘

*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 **X**

Title:	⌘	Correction of the description for callEventNotify & reportNotification
Source:	⌘	Scott Broussard (IBM, scottjb@us.ibm.com)
Work item code:	⌘	OSA1 — ***Date:*** ⌘ 19/05/2003
Category:	⌘	**F** — ***Release:*** ⌘ *REL-4*

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:	⌘	The description of the IpAppCallControlManager.callEventNotify() and IpMultiPartyCallControlManager.reportNotification() were modified in OSA Rel-5 to provide for a null callback reference to be returned when the callback is specified with setCallbackWithSessionID(). However, the spec reads setCallback(). Update the specification to refer to the appropriate setCallbackWithSessionID() method. Also, this problem exists on all objects where reportNotification() exists, so therefore similar language should be included for those API as well (User Interaction and Data Session Control).
Summary of change:	⌘	This correction of referencing the correct API is necessary to avoid misleading the reader.
Consequences if not approved:	⌘	The application can not remove a callback setup with IpService.setCallback() even when the callback becomes invalid for various reasons.

Clauses affected:	⌘	8.2			
		Y	**N**		
Other specs	⌘	**X**		Other core specifications	⌘ Rel-4 29-198-04/-08 Rel-5 29-198-04-2/3/4, Rel-5 29-198-05/-08
Affected:			**X**	Test specifications	
			X	O&M Specifications	
Other comments:	⌘	Rel-4/5 CRs to 29-198-04/-05/-08 are attached.			

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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.

29-198-04 User Interaction

8.2

Method

<<deprecated>> reportNotification()

This method is deprecated and replaced by reportEventNotification(). It will be removed in a later release.

This method notifies the application of an occurred network event which matches the criteria installed by the createNotification method.

Returns: appUI

Specifies a reference to the application interface, which implements the callback interface for the new user interaction. If the application has previously explicitly passed a reference to the IpAppUI interface using a setCallbackWithSessionID() invocation, this parameter may be null, or if supplied must be the same as that provided during the setCallbackWithSessionID().

Parameters

userInteraction : in TpUIIdentifier

Specifies the reference to the interface and the sessionID to which the notification relates.

eventInfo : in TpUIEventInfo

Specifies data associated with this event.

assignmentID : in TpAssignmentID

Specifies the assignment id which was returned by the createNotification() method. The application can use assignment id to associate events with event specific criteria and to act accordingly.

Returns

IpAppUIRef

Method

<<new>> reportEventNotification()

This method notifies the application of an occurred network event which matches the criteria installed by the createNotification method.

Returns: appUI

Specifies a reference to the application interface, which implements the callback interface for the new user interaction. If the application has previously explicitly passed a reference to the IpAppUI interface using a setCallbackWithSessionID() invocation, this parameter may be null, or if supplied must be the same as that provided during the setCallbackWithSessionID().

Parameters

`userInteraction : in TpUIIdentifier`

Specifies the reference to the interface and the sessionID to which the notification relates.

`eventNotificationInfo : in TpUIEventNotificationInfo`

Specifies data associated with this event.

`assignmentID : in TpAssignmentID`

Specifies the assignment id which was returned by the createNotification() method. The application can use assignment id to associate events with event specific criteria and to act accordingly.

Returns

`IpAppUIRef`

CR-Form-v7

CHANGE REQUEST

⌘ 29.198-08 CR 024 ⌘rev - ⌘ Current version: 4.6.0 ⌘

*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 X

Title: ⌘	Correction of the description for callEventNotify & reportNotification	
Source: ⌘	Scott Broussard (IBM, scottjb@us.ibm.com)	
Work item code: ⌘	OSA1	**Date:** ⌘ 19/05/2003
Category: ⌘	F	**Release:** ⌘ REL-4

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: ⌘	The description of the IpAppCallControlManager.callEventNotify() and IpMultiPartyCallControlManager.reportNotification() were modified in OSA Rel-5 to provide for a null callback reference to be returned when the callback is specified with setCallbackWithSessionID(). However, the spec reads setCallback(). Update the specification to refer to the appropriate setCallbackWithSessionID() method. Also, this problem exists on all objects where reportNotification() exists, so therefore similar language should be included for those API as well (User Interaction and Data Session Control).
Summary of change: ⌘	This correction of referencing the correct API is necessary to avoid misleading the reader.
Consequences if not approved: ⌘	The application can not remove a callback setup with IpService.setCallback() even when the callback becomes invalid for various reasons.

Clauses affected: ⌘	6.2			
	Y	**N**		
Other specs ⌘	X		Other core specifications ⌘	Rel-4 29-198-04/-05 Rel-5 29-198-04-2/3/4, Rel-5 29-198-05/-08
Affected:		X	Test specifications	
		X	O&M Specifications	
Other comments: ⌘	Rel-4/5 CRs to 29-198-04/-05/-08 are attached.			

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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.

29-198-08 Data Session Control

8.2

Method

reportNotification()

This method notifies the application of the arrival of a data session-related event.

Returns appDataSession : Specifies a reference to the application object which implements the callback interface for the new data session. If the application has previously explicitly passed a reference to the IpAppDataSession interface using a setCallbackWithSessionID() invocation, this parameter may be null, or if supplied must be the same as that provided during the setCallbackWithSessionID().

This parameter will be null if the notification is in NOTIFY mode.

Parameters

dataSessionReference : in TpDataSessionIdentifier

Specifies the session ID and the reference to the Data Session object to which the notification relates. If the notification is being given in NOTIFY mode, this parameter shall be ignored by the application client implementation, and consequently the implementation of the SCS entity invoking reportNotification may populate this parameter as it chooses.

eventInfo : in TpDataSessionEventInfo

Specifies data associated with this event. This data includes the destination address provided by the end-user and the quality of service requested or negotiated for the data session.

assignmentID : in TpAssignmentID

Specifies the assignment id which was returned by the createNotification() method. The application can use assignment ID to associate events with event-specific criteria and to act accordingly.

Returns

IpAppDataSessionRef

CR-Form-v7

CHANGE REQUEST

⌘ 29.198-04-2 CR 007 ⌘rev - ⌘ Current version: 5.2.0 ⌘

*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:	⌘	Correction of the description for callEventNotify & reportNotification
Source:	⌘	Scott Broussard (IBM, scottjb@us.ibm.com)
Work item code:	⌘	OSA1
Date:	⌘	19/05/2003
Category:	⌘	**F**
Release:	⌘	*REL-5*

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)*
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Use one of the following releases:

2	*(GSM Phase 2)*
R96	*(Release 1996)*
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R98	*(Release 1998)*
R99	*(Release 1999)*
Rel-4	*(Release 4)*
Rel-5	*(Release 5)*
Rel-6	*(Release 6)*

Reason for change:	⌘	The description of the IpAppCallControlManager.callEventNotify() and IpMultiPartyCallControlManager.reportNotification() were modified in OSA Rel-5 to provide for a null callback reference to be returned when the callback is specified with setCallbackWithSessionID(). However, the spec reads setCallback(). Update the specification to refer to the appropriate setCallbackWithSessionID() method. Also, this problem exists on all objects where reportNotification() exists, so therefore similar language should be included for those API as well (User Interaction and Data Session Control).
Summary of change:	⌘	This correction of referencing the correct API is necessary to avoid misleading the reader.
Consequences if not approved:	⌘	The application can not remove a callback setup with IpService.setCallback() even when the callback becomes invalid for various reasons.

Clauses affected:	⌘	6.2.2			
		Y	**N**		
Other specs	⌘	**X**		Other core specifications	⌘ Rel-4 29-198-04/-05/-08 Rel-5 29-198-04-3/4, Rel-5 29-198-05/-08
Affected:			**X**	Test specifications	
			X	O&M Specifications	
Other comments:	⌘	Rel-4/5 CRs to 29-198-04/-05/-08 are attached.			

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29-198-04-02 Generic Call Control

6.2.2 Method callEventNotify()

This method notifies the application of the arrival of a call-related event.

If this method is invoked with a monitor mode of P_CALL_MONITOR_MODE_INTERRUPT, then the APL has control of the call. If the APL does nothing with the call (including its associated legs) within a specified time period (the duration of which forms a part of the service level agreement), then the call in the network shall be released and callEnded() shall be invoked, giving a release cause of 102 (Recovery on timer expiry).

When this method is invoked with a monitor mode of P_CALL_MONITOR_MODE_INTERRUPT, the application writer should ensure that no routeReq() is performed until an IpAppCall has been passed to the gateway, either through an explicit setCallback() invocation on the supplied IpCall, or via the return of the callEventNotify() method.

Returns appCall: Specifies a reference to the application interface which implements the callback interface for the new call. If the application has previously explicitly passed a reference to the IpAppCall interface using a setCallbackWithSessionID() ~~()~~invocation, this parameter may be null, or if supplied must be the same as that provided during the setCallbackWithSessionID ().

This parameterwill be null if the notification is in NOTIFY mode.

Parameters

`callReference : in TpCallIdentifier`

Specifies the reference to the call interface to which the notification relates. If the notification is in NOTIFY mode, this parameter shall be ignored by the application client implementation, and consequently the implementation of the SCS entity invoking callEventNotify may populate this parameter as it chooses.

`eventInfo : in TpCallEventInfo`

Specifies data associated with this event.

`assignmentID : in TpAssignmentID`

Specifies the assignment id which was returned by the enableCallNotification() method. The application can use assignment id to associate events with event specific criteria and to act accordingly.

Returns

`IpAppCallRef`

joint-API-group (Parlay, ETSI Project OSA, 3GPP TSG_CN WG5) **N5-030254**
Meeting #23, San Diego, CA, USA, 19 - 23 May 2003

CR-Form-v7

CHANGE REQUEST

⌘ **29.198-04-3** **CR** **011** ⌘ **rev** **-** ⌘ Current version: **5.2.0** ⌘

*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 **X**

Title:	⌘	Correction of the description for callEventNotify & reportNotification
Source:	⌘	Scott Broussard (IBM, scottjb@us.ibm.com)
Work item code:	⌘	OSA1 ***Date:*** ⌘ 19/05/2003
Category:	⌘	**F** ***Release:*** ⌘ *REL-5*

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)*
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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:	⌘	The description of the IpAppCallControlManager.callEventNotify() and IpMultiPartyCallControlManager.reportNotification() were modified in OSA Rel-5 to provide for a null callback reference to be returned when the callback is specified with setCallbackWithSessionID(). However, the spec reads setCallback(). Update the specification to refer to the appropriate setCallbackWithSessionID() method. Also, this problem exists on all objects where reportNotification() exists, so therefore similar language should be included for those API as well (User Interaction and Data Session Control).
Summary of change:	⌘	This correction of referencing the correct API is necessary to avoid misleading the reader.
Consequences if not approved:	⌘	The application can not remove a callback setup with IpService.setCallback() even when the callback becomes invalid for various reasons.

Clauses affected:	⌘	6.2.1			
		Y	**N**		
Other specs	⌘	**X**		Other core specifications	⌘ Rel-4 29-198-05/-08 Rel-5 29-198-04-2/4, Rel-5 29-198-05/-08
Affected:			**X**	Test specifications	
			X	O&M Specifications	
Other comments:	⌘	Rel-4/5 CRs to 29-198-04/-05/-08 are attached.			

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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.

29-198-04-03 Multi Party Call Control

6.2.1 Method reportNotification()

This method notifies the application of the arrival of a call-related event.

If this method is invoked with a monitor mode of P_CALL_MONITOR_MODE_INTERRUPT, then the APL has control of the call. If the APL does nothing with the call (including its associated legs) within a specified time period (the duration of which forms a part of the service level agreement), then the call in the network shall be released and callEnded() shall be invoked, giving a release cause of P_TIMER_EXPIRY.

Returns appCallBack: Specifies references to the application interface which implements the callback interface for the new call and/or new call leg. If the application has previously explicitly passed a reference to the callback interface using a setCallbackWithSessionID() invocation, this parameter may be set to P_APP_CALLBACK_UNDEFINED, or if supplied must be the same as that provided during the setCallbackWithSessionID ().

This parameter will be set to P_APP_CALLBACK_UNDEFINED if the notification is in NOTIFY mode.

Parameters

`callReference : in TpMultiPartyCallIdentifier`

Specifies the reference to the call interface to which the notification relates. If the notification is being given in NOTIFY mode, this parameter shall be ignored by the application client implementation, and consequently the implementation of the SCS entity invoking reportNotification may populate this parameter as it chooses.

`callLegReferenceSet : in TpCallLegIdentifierSet`

Specifies the set of all call leg references. First in the set is the reference to the originating callLeg. It indicates the call leg related to the originating party. In case there is a destination call leg this will be the second leg in the set. from the notificationInfo can be found on whose behalf the notification was sent.

However, if the notification is being given in NOTIFY mode, this parameter shall be ignored by the application client implementation, and consequently the implementation of the SCS entity invoking reportNotification may populate this parameter as it chooses.

`notificationInfo : in TpCallNotificationInfo`

Specifies data associated with this event (e.g. the originating or terminating leg which reports the notification).

`assignmentID : in TpAssignmentID`

Specifies the assignment id which was returned by the createNotification() method. The application can use assignment id to associate events with event specific criteria and to act accordingly.

Returns

`TpAppMultiPartyCallBack`

CR-Form-v7

CHANGE REQUEST

⌘ **29.198-04-4** **CR** **005** ⌘ **rev** **-** ⌘ Current version: **5.2.0** ⌘

*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 **X**

Title:	⌘	Correction of the description for callEventNotify & reportNotification
Source:	⌘	Scott Broussard (IBM, scottjb@us.ibm.com)
Work item code:	⌘	OSA1 — ***Date:*** ⌘ 19/05/2003
Category:	⌘	**F** — ***Release:*** ⌘ *REL-5*

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:	⌘	The description of the IpAppCallControlManager.callEventNotify() and IpMultiPartyCallControlManager.reportNotification() were modified in OSA Rel-5 to provide for a null callback reference to be returned when the callback is specified with setCallbackWithSessionID(). However, the spec reads setCallback(). Update the specification to refer to the appropriate setCallbackWithSessionID() method. Also, this problem exists on all objects where reportNotification() exists, so therefore similar language should be included for those API as well (User Interaction and Data Session Control).
Summary of change:	⌘	This correction of referencing the correct API is necessary to avoid misleading the reader.
Consequences if not approved:	⌘	The application can not remove a callback setup with IpService.setCallback() even when the callback becomes invalid for various reasons.

Clauses affected:	⌘	6.2.1			
		Y	**N**		
Other specs	⌘	**X**		Other core specifications	⌘ Rel-4 29-198-05/-08 Rel-5 29-198-04-2/3, Rel-5 29-198-05/-08
Affected:			**X**	Test specifications	
			X	O&M Specifications	
Other comments:	⌘	Rel-4/5 CRs to 29-198-04/-05/-08 are attached.			

How to create CRs using this form:
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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.

29.298-04-04: Multimedia

6.2.1 Method reportMediaNotification()

This method is used to inform the application about the establishment of media streams.

If the corresponding monitor was in interrupt mode, then the application has to allow or deny the streams using mediaStreamAllow() method.

Returns appInterface : Specifies a reference to the application interface which implements the callback interface for the new call.

Returns appMultiMediaCallBack: Specifies references to the application interface which implements the callback interface for the new multi-media call and/or new call leg. If the application has previously explicitly passed a reference to the callback using a setCallbackWithSessionID() invocation, this parameter may be P_APP_CALLBACK_UNDEFINED, or if supplied must be the same as that provided during the setCallbackWithSessionID().

This parameter may be null if the notification is being given in NOTIFY mode

Parameters

`callReference : in TpMultiMediaCallIdentifier`

Specifies the call interface on which the media streams were added or subtracted. It also gives the corresponding sessionID.

`callLegReferenceSet : in TpMultiMediaCallLegIdentifierSet`

Specifies set of all callLeg references (interface and sessionID) for which the media streams were established or subtracted.

First in the set is the reference to the originating callLeg. It indicates the call leg related to the originating party. In case there is a destination call leg this will be the second leg in the set. from the notificationInfo can be found on whose behalf the notification was sent.

However, this parameter will be null if the notification is being given in NOTIFY mode

`mediaStreams : in TpMediaStreamSet`

Specifies all the media streams that are established. Note that this can be more media streams than requested in the createMediaNotification, e.g., when faststart is used in H.323 or in SIP when an INVITE method with SDP media stream parameters is used.

`type : in TpMediaStreamEventType`

Refers to the type of event on the media stream, i.e., added or subtracted.

`assignmentID : in TpAssignmentID`

Specifies the assignment id which was returned by the createMediaNotification() method. The application can use assignment id to associate events with event specific criteria and to act accordingly.

Returns

`TpAppMultiMediaCallBack`

CR-Form-v7

CHANGE REQUEST

⌘ 29.198-05 CR 035 ⌘rev - ⌘ Current version: 5.2.0 ⌘

*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:	⌘	Correction of the description for callEventNotify & reportNotification
Source:	⌘	Scott Broussard (IBM, scottjb@us.ibm.com)
Work item code:	⌘	OSA1
Date:	⌘	19/05/2003
Category:	⌘	**A**
Release:	⌘	*REL-5*

Use one of the following categories:
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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:	⌘	The description of the IpAppCallControlManager.callEventNotify() and IpMultiPartyCallControlManager.reportNotification() were modified in OSA Rel-5 to provide for a null callback reference to be returned when the callback is specified with setCallbackWithSessionID(). However, the spec reads setCallback(). Update the specification to refer to the appropriate setCallbackWithSessionID() method. Also, this problem exists on all objects where reportNotification() exists, so therefore similar language should be included for those API as well (User Interaction and Data Session Control).
Summary of change:	⌘	This correction of referencing the correct API is necessary to avoid misleading the reader.
Consequences if not approved:	⌘	The application can not remove a callback setup with IpService.setCallback() even when the callback becomes invalid for various reasons.

Clauses affected:	⌘	8.2.1			
		Y	**N**		
Other specs	⌘	**X**		Other core specifications	⌘ Rel-4 29-198-05/-08 Rel-5 29-198-04-2/3/4, Rel-5 29-198-08
Affected:			**X**	Test specifications	
			X	O&M Specifications	
Other comments:	⌘	Rel-4/5 CRs to 29-198-04/-05/-08 are attached.			

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29-198-05 User Interaction

8.2.1 Method reportNotification()

This method notifies the application of an occurred network event which matches the criteria installed by the createNotification method.

Returns: appUI

Specifies a reference to the application interface, which implements the callback interface for the new user interaction. If the application has previously explicitly passed a reference to the IpAppUI interface using a setCallbackWithSessionID() invocation, this parameter may be null, or if supplied must be the same as that provided during the setCallbackWithSessionID().

Parameters

`userInteraction : in TpUIIdentifier`

Specifies the reference to the interface and the sessionID to which the notification relates.

`eventInfo : in TpUIEventInfo`

Specifies data associated with this event.

`assignmentID : in TpAssignmentID`

Specifies the assignment id which was returned by the createNotification() method. The application can use assignment id to associate events with event specific criteria and to act accordingly.

Returns

`IpAppUIRef`

joint-API-group (Parlay, ETSI Project OSA, 3GPP TSG_CN WG5) **N5-030257**
Meeting #23, San Diego, CA, USA, 19 - 23 May 2003

CR-Form-v7

CHANGE REQUEST

⌘ **29.198-08** **CR** **025** ⌘ **rev** **-** ⌘ Current version: **5.2.0** ⌘

*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 **X**

Title:	⌘	Correction of the description for callEventNotify & reportNotification
Source:	⌘	Scott Broussard (IBM, scottjb@us.ibm.com)
Work item code:	⌘	OSA1 ***Date:*** ⌘ 19/05/2003
Category:	⌘	**A** ***Release:*** ⌘ *REL-5*

Use one of the following categories:
F *(correction)*
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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:	⌘	The description of the IpAppCallControlManager.callEventNotify() and IpMultiPartyCallControlManager.reportNotification() were modified in OSA Rel-5 to provide for a null callback reference to be returned when the callback is specified with setCallbackWithSessionID(). However, the spec reads setCallback(). Update the specification to refer to the appropriate setCallbackWithSessionID() method. Also, this problem exists on all objects where reportNotification() exists, so therefore similar language should be included for those API as well (User Interaction and Data Session Control).
Summary of change:	⌘	This correction of referencing the correct API is necessary to avoid misleading the reader.
Consequences if not approved:	⌘	The application can not remove a callback setup with IpService.setCallback() even when the callback becomes invalid for various reasons.

Clauses affected:	⌘	6.2.2			
		Y	**N**		
Other specs	⌘	**X**		Other core specifications	⌘ Rel-4 29-198-05/-08 Rel-5 29-198-04-2/3/4, Rel-5 29-198-04/-05
Affected:			**X**	Test specifications	
			X	O&M Specifications	
Other comments:	⌘	Rel-4/5 CRs to 29-198-04/-05/-08 are attached.			

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29-198-08 Data Session Control

6.2.2 Method reportNotification()

This method notifies the application of the arrival of a data session-related event.

If this method is invoked with a monitor mode of P_DATA_SESSION_MONITOR_MODE_INTERRUPT, then the application has control of the data session. If the application does nothing with the data session within a specified time period (the duration of which forms a part of the service level agreement), then the data session in the network shall be released and dataSessionFaultDetected() shall be invoked, giving a fault code of P_DATA_SESSION_TIMEOUT_ON_INTERRUPT.

Returns appDataSession : Specifies a reference to the application object which implements the callback interface for the new data session. If the application has previously explicitly passed a reference to the IpAppDataSession interface using a setCallbackWithSessionID () invocation, this parameter may be null, or if supplied must be the same as that provided during the setCallbackWithSessionID ().

This parameter will be null if the notification is in NOTIFY mode.

Parameters

`dataSessionReference : in TpDataSessionIdentifier`

Specifies the session ID and the reference to the Data Session object to which the notification relates. If the notification is being given in NOTIFY mode, this parameter shall be ignored by the application client implementation, and consequently the implementation of the SCS entity invoking reportNotification may populate this parameter as it chooses.

`eventInfo : in TpDataSessionEventInfo`

Specifies data associated with this event. This data includes the destination address provided by the end-user and the quality of service requested or negotiated for the data session.

`assignmentID : in TpAssignmentID`

Specifies the assignment id which was returned by the createNotification() method. The application can use assignment ID to associate events with event-specific criteria and to act accordingly.

Returns

`IpAppDataSessionRef`