# 3GPP TSG CN Plenary Meeting #20 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	Ca t	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

N5-030250

	CHANGE REQUEST										
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For <mark>H</mark>	ELP on u	sing	this for	m, see b	ottom of th	is page or	look	at the	e pop-up text	tover the <b>%</b> s	ymbols.
Proposed	d change a	affec	<i>ts:</i> ι	JICC app	s#	ME	Rad	dio A	ccess Netwo	rk Core	Network X
Title:	ж	Co	rrectior	<mark>n of the c</mark>	escription	for callEve	entNo	tify &	reportNotific	ation	
Source:	ж	Sco	ott Brou	ussard (I	3M, <u>scottjb</u>	@us.ibm.	<u>com</u> )				
Work iter	n code: Ж	OS	A1						Date: ೫	<mark>19/05/2003</mark>	3
Category	<i>:</i> ೫	Deta	F (corr A (corr B (add C (fund D (edit illed exp	rection) responds lition of fe ctional mod torial mod	dification of fication) of the above	on in an ea feature)		elease	2	REL-4 the following r (GSM Phase (Release 199 (Release 199 (Release 199 (Release 199 (Release 4) (Release 5) (Release 6)	2) 6) 7) 8)
Reason f	or change	<del>)</del> :	IpMu to pro speci	ItiPartyC ovide for	allControlM a null callb setCallbac	lanager.re ack refere	eportN ence t	lotific o be	cation() were	ntNotify() and modified in C en the callbac spec reads	
			Also,	od. this prol fore simi	olem exists	on all obj je should	ects v be inc	vhere	e reportNotifi	llbackWithSe cation() exists PI as well (U	5, SO
Summary	/ of chang	<b>је:</b> Ж		correctio eader.	n of referer	ncing the o	correc	t AP	l is necessar	y to avoid mis	sleading
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Clauses a	affected:	ж	6.3.2	, 7.3.2, 8	.3.2, 9.3.2						
Other spe Affected:		ж	YN X X X X	Test sp	ore specific ecifications pecification	i	æ	Rel-	4 29-198-05/ 5 29-198-04- 5 29-198-05/	2/3/4,	
Other co	mments:	¥			o 29-198-0		are a	ttach	ed		

- 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 <u>ftp://ftp.3gpp.org/specs/</u> 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 setCallback<u>WithSessionID()</u> 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 setCallback<u>WithSessionID()</u> invocation, this parameter may be null, or if supplied must be the same as that provided during the setCallback<u>WithSessionID()</u>.

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 setCallback<u>WithSessionID()</u> invocation, this parameter may be set to P\_APP\_CALLBACK\_UNDEFINED, or if supplied must be the same as that provided during the setCallback<u>WithSessionID()</u>.

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

			CHA		REQ	UE	ST				CR-Form-v7
<sup>#</sup> 29. <sup>7</sup>	<mark>198</mark>	<mark>8-05</mark>	CR <mark>034</mark>	ж	rev	-	ж	Current versi	on:	<b>4.6.0</b>	ж
For <mark>HELP</mark> on usi	ing tl	his forn	n, see botto	m of this pa	age or l	look a	at the	pop-up text	over t	he <b>%</b> syr	nbols.
Proposed change af	fect	<b>s:</b> U	ICC apps <b></b> #		ME	Rac	lio Ac	cess Networ	k	Core Ne	etwork X
Title: ೫	Cor	rection	of the desc	ription for a	allEver	ntNot	ify &	reportNotifica	ation		
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Work item code: %	OS/	A1						Date: ೫	19/0	5/2003	
C	Use <u>c</u> F F L Detail	F (corre A (corre B (addii C (funci D (edito led expl	ne following o oction) esponds to a tion of featur tional modific rial modifica anations of t GPP <u>TR 21.</u>	correction ir e), ation of feat tion) he above ca	ure)			Use <u>one</u> of t 2 R96 R97 R98 R99 Rel-4 Rel-5	(GSM (Relea (Relea (Relea	lowing rele Phase 2) ase 1996) ase 1997) ase 1998) ase 1999) ase 4) ase 5)	ases:
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		IpMult to pro- specif setCa Updat metho Also, 1 theref	iPartyCallC vide for a n ied with set Ilback(). e the speci id. this problem	controlMana ull callback CallbackW fication to r n exists on anguage sl	ager.rep referer ithSess efer to all obje hould b	portN nce to sionIE the a ects w	lotifica o be r D(). H pprop	ation() were r eturned when lowever, the priate setCall reportNotific for those AF	modifi n the spec back\ ation(	ed in OS callback reads WithSess	is ionID() so
Summary of change	e: #	This c the re		referencin	g the c	orrec	t API	is necessary	' to av	oid misle	ading
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Clauses affected:	ж	8.2									
Other specs Affected:	æ	X	Other core Test specif O&M Spec	cations	ons		Rel-5	29-198-04/- 29-198-04-2 29-198-05/-	2/3/4,		
Other comments:	ж	Rel-4/	5 CRs to 2	9 <mark>-198-04/-0</mark>	<mark>)5/-08</mark> a	are at	tache	ed.			

- 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 <u>ftp://ftp.3gpp.org/specs/</u> 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 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

N5-030252

<b>J J J J J J J J J J</b>		CHANGE REQUEST	CR-Form-v7
<sup>#</sup> 29	.19	<mark>8-08</mark> CR <mark>024</mark> <b>* rev</b> - <sup>* C</sup>	current version: <b>4.6.0</b> <sup>#</sup>
For <u>HELP</u> on u	sing t	this form, see bottom of this page or look at the p	pop-up text over the <b>%</b> symbols.
Proposed change a	affec	ts: UICC apps # ME Radio Acc	ess Network Core Network X
Title: ¥	Со	rrection of the description for callEventNotify & re	eportNotification
Source: ж	Sco	ott Broussard (IBM, <u>scottjb@us.ibm.com</u> )	
Work item code: ೫	OS	A1	Date: ¥ 19/05/2003
Category: %	Deta be fo	one of the following categories: <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) illed explanations of the above categories can bund in 3GPP <u>TR 21.900</u> .	tion() were modified in OSA Rel-5 turned when the callback is owever, the spec reads riate setCallbackWithSessionID() eportNotification() exists, so
Summary of chang	је: Ж	This correction of referencing the correct API is the reader.	s necessary to avoid misleading
Consequences if not approved:	ж	The application can not remove a callback setue even when the callback becomes invalid for variables of the callba	
Clauses affected:	ж	6.2	
Other specs Affected:	ж	Rel-5	29-198-04/-05 29-198-04-2/3/4, 29-198-05/-08
Other comments:	ж	Rel-4/5 CRs to 29-198-04/-05/-08 are attached	l.

- 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 <u>ftp://ftp.3gpp.org/specs/</u> 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.

## 29-198-08 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 setCallback<u>WithSessionID()</u> invocation, this parameter may be null, or if supplied must be the same as that provided during the setCallback<u>WithSessionID()</u>.

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

	CHANGE	REQUEST	CR-Fort	m-v7
<sup>#</sup> 29.198	<mark>-04-2</mark> CR <mark>007</mark> ៖	srev <mark>-</mark> <sup># (</sup>	Current version: <b>5.2.0</b> <sup>#</sup>	
For <mark>HELP</mark> on using	g this form, see bottom of this p	age or look at the	pop-up text over the % symbols.	]
Proposed change affe	ects: UICC apps <b>#</b>	ME 🦳 Radio Ac	ccess Network Core Network	( <mark>X</mark>
Title: % C	Correction of the description for	callEventNotify &	reportNotification	
Source: ೫ S	Cott Broussard (IBM, <u>scottjb@u</u>	is.ibm.com)		
Work item code: 🕱 📿	DSA1		Date: ೫ <u>19/05/2003</u>	
De	<ul> <li>a of the following categories:</li> <li>F (correction)</li> <li>A (corresponds to a correction of B (addition of feature),</li> <li>C (functional modification of feature),</li> <li>D (editorial modification)</li> <li>b (addition of the above categories)</li> <li>c found in 3GPP <u>TR 21.900</u>.</li> </ul>	n an earlier release) ture)	Release: # REL-5 Use <u>one</u> 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 IpAp		ger.callEventNotify() and	
	IpMultiPartyCallControlMan to provide for a null callback specified with setCallbackW setCallback(). Update the specification to method.	ager.reportNotifica reference to be r lithSessionID(). H refer to the approp all objects where hould be included	ation() were modified in OSA Rel- eturned when the callback is	
Summary of change:	His correction of referencing the reader.	ig the correct API	is necessary to avoid misleading	
Consequences if not approved:	The application can not rem even when the callback bec		tup with IpService.setCallback() arious reasons.	
Clauses affected:	<b>#</b> 6.2.2			
Other specs Affected:	Y       N         X       Other core specificati         X       Test specifications         X       O&M Specifications	Rel-5	29-198-04/-05/-08 29-198-04-3/4, 29-198-05/-08	
Other comments:	<b># Rel-4/5 CRs to 29-198-04/-</b>	05/-08 are attache	ed.	

- 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 <u>ftp://ftp.3gpp.org/specs/</u> 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.

## 29-198-04-02 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 setCallback<u>WithSessionID()</u>.

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

N5-030254

,	CHANGE REQUEST	CR-Form-v7
<sup>#</sup> 29.19	8-04-3 CR 011	Current version: <b>5.2.0 #</b>
For <u>HELP</u> on us	ing this form, see bottom of this page or look at the	e pop-up text over the $st$ symbols.
Proposed change a	ffects: UICC apps <b>% ME</b> Radio Ad	ccess Network Core Network X
Title: ೫	Correction of the description for callEventNotify &	reportNotification
Source: ೫	Scott Broussard (IBM, <u>scottjb@us.ibm.com</u> )	
Work item code: %	OSA1	Date: # 19/05/2003
	<ul> <li>Jse <u>one</u> of the following categories:</li> <li><i>F</i> (correction)</li> <li>A (corresponds to a correction in an earlier release</li> <li>B (addition of feature),</li> <li>C (functional modification of feature)</li> <li>D (editorial modification)</li> <li>Detailed explanations of the above categories can be found in 3GPP <u>TR 21.900</u>.</li> </ul>	R97       (Release 1997)         R98       (Release 1998)         R99       (Release 1999)         Rel-4       (Release 4)         Rel-5       (Release 5)         Rel-6       (Release 6)
Summary of change	: * This correction of referencing the correct API the reader.	l is necessary to avoid misleading
Consequences if not approved:	# The application can not remove a callback se even when the callback becomes invalid for	
Clauses affected:	<b>#</b> 6.2.1	
Other specs Affected:	Rel-	4 29-198-05/-08 5 29-198-04-2/4, 5 29-198-05/-08
Other comments:	8 Rel-4/5 CRs to 29-198-04/-05/-08 are attache	ed.

- 1) Fill out the above form. The symbols above marked # contain pop-up help information about the field that they are closest to.
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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 setCallback<u>WithSessionID</u>().

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

		CHANG	E REQU	IEST			CR-Form-v7			
<sup>#</sup> 29.1	<mark>98-</mark>	<mark>04-4</mark> CR <mark>005</mark>	жrev	<b>-</b> # C	urrent version:	5.2.0	ж			
For <u>HELP</u> on u	For <b>HELP</b> on using this form, see bottom of this page or look at the pop-up text over the <b>%</b> symbols.									
Proposed change	affec	ts: UICC apps#	ME 🔡 I	Radio Acce	ess Network	Core Ne	twork X			
Title: ೫	Co	rrection of the description	n for callEvent	Notify & re	portNotification	١				
Source: ೫	Sco	ott Broussard (IBM, <u>scott</u>	jb@us.ibm.co	<u>m</u> )						
Work item code: %	OS	SA1			<i>Date:</i>	/05/2003				
Category: ¥ Reason for change	Deta be fo		ction in an earlie of feature) ove categories c ipAppCallCont	er release) can trolManage	R96 (Rek R97 (Rek R98 (Rek R99 (Rek Rel-4 (Rek Rel-5 (Rek Rel-6 (Rek er.callEventNot	ollowing rele M Phase 2) ease 1996) ease 1997) ease 1998) ease 1999) ease 4) ease 5) ease 6) ify() and				
		IpMultiPartyCallControl to provide for a null cal specified with setCallba setCallback(). Update the specificatio method. Also, this problem exist therefore similar langua Interaction and Data Se	lback reference ackWithSessic n to refer to th ts on all object age should be	te to be ref onID(). Ho ne appropri ts where re included f	turned when the wever, the speciate setCallback	e callback i c reads kWithSessi n() exists, s	s onID() so			
Summary of chang	<b>уе:</b> Ж	This correction of reference the reader.	encing the cor	rect API is	necessary to a	avoid misle	ading			
Consequences if not approved:	ж	The application can no even when the callback				e.setCallba	ack()			
Clauses affected:	ж	6.2.1								
Other specs Affected:	ж	Y       N         X       Other core specification         X       Test specification         X       O&M Specification	าร	Rel-5 2	29-198-05/-08 29-198-04-2/3, 29-198-05/-08					
Other comments:	ж	Rel-4/5 CRs to 29-198-	-04/-05/-08 are	e attached						

- 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 <u>ftp://ftp.3gpp.org/specs/</u> 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

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For <u>HELP</u> on	using	this form, see bottom	of this page or	look at th	e pop-up text	over the <b>%</b> sy	mbols.
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Summary of chai	nge: Ж	This correction of re the reader.	ferencing the c	orrect AP	l is necessary	v to avoid misle	eading
Consequences if not approved:	ж	The application can even when the callb	not remove a c ack becomes i	callback s nvalid for	etup with lpSe various reaso	ervice.setCallb ns.	ack()
Clauses affected	: ж	8.2.1					
Other specs Affected:	ж	Y       N         X       Other core specification         X       Test specification         X       O&M Specification	tions	Rel-	<mark>4 29-198-05/-</mark> 5 29-198-04-2 5 29-198-08		
Other comments	: ж	Rel-4/5 CRs to 29-1	98-04/-05/-08 a	are attach	ed.		

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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

N5-030257

	CHANGE REQUEST									
ж	29	98-08 CR 025 <b># rev</b> - <b>#</b> Current version:	<b>5.2.0</b> *							
For <mark>H</mark>	I <mark>ELP</mark> on l	g this form, see bottom of this page or look at the pop-up text over	the X symbols.							
Propose	d change	ects: UICC apps ME Radio Access Network	Core Network X							
Title:	я	Correction of the description for callEventNotify & reportNotification								
Source:	э	Scott Broussard (IBM, <u>scottjb@us.ibm.com</u> )								
Work ite	m code: ଖ	DSA1 Date: # 19/	05/2003							
Category	<i>у:</i> Э	se one of the following categories:Use one of the following categories:F (correction)2A (corresponds to a correction in an earlier release)R96B (addition of feature),R97C (functional modification of feature)R98D (editorial modification)R99etailed explanations of the above categories canRel-4A found in 3GPP TR 21.900.Rel-5								
Reason	for chang	Comparison         Comparison <thcomparison< th="">         Comparison         Comparis</thcomparison<>	y() and							
		IpMultiPartyCallControlManager.reportNotification() were modified to provide for a null callback reference to be returned when the specified with setCallbackWithSessionID(). However, the specification to refer to the appropriate setCallback method. Also, this problem exists on all objects where reportNotification therefore similar language should be included for those API as Interaction and Data Session Control).	e callback is ; reads WithSessionID() () exists, so							
Summar	y of chan	* This correction of referencing the correct API is necessary to a the reader.	void misleading							
Consequ not appr	uences if oved:	The application can not remove a callback setup with IpService even when the callback becomes invalid for various reasons.	e.setCallback()							
Clauses	affected:	<b>%</b> 6.2.2								
Other sp Affected		Y         N           X         Other core specifications         X           Rel-4 29-198-05/-08         Rel-5 29-198-04-2/3/4,           Rel-5 29-198-04/-05         Rel-5 29-198-04/-05           X         Test specifications           X         O&M Specifications								
Other co	omments:	<b>%</b> 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 setCallback<u>WithSessionID</u>() invocation, this parameter may be null, or if supplied must be the same as that provided during the setCallback<u>WithSessionID</u>().

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

#### ${\tt IpAppDataSessionRef}$