

Source: CN5 (OSA)
Title: 6 Rel-6 CRs 29.199-xy OSA Parlay X Web Services
Agenda item: 9.7 (OSA Enhancements [OSA3])
Document for: APPROVAL

Doc-1st-Level	Spec	CR	Rev	Phase	Subject	Cat	Version-Current	Doc-2nd-Level	Workitem
NP-050021	29.199-01	001	--	Rel-6	Add common fault for Short Messaging and Multimedia Messaging APIs	C	6.0.0	N5-050098	OSA3
NP-050021	29.199-01	002	--	Rel-6	Introduce cross- reference to ETSI TISPAN TRs, that define an informative mapping of the Parlay X Web Services to the Parlay/OSA APIs	F	6.0.0	N5-050101	OSA3
NP-050021	29.199-04	003	--	Rel-6	Correct criteria	C	6.1.0	N5-050096	OSA3
NP-050021	29.199-05	002	--	Rel-6	Correct criteria	C	6.1.0	N5-050097	OSA3
NP-050021	29.199-04	004	--	Rel-6	Fix StopSMSNotification message part	F	6.1.0	N5-050080	OSA3
NP-050021	29.199-05	003	--	Rel-6	Fix StopMessageNotification message part	F	6.1.0	N5-050095	OSA3

joint-API-group (Parlay, ETSI Project OSA, 3GPP TSG_CN WG5)
Meeting #30, Austin, TX, USA, 24-27 January 2005

N5-050080

CR-Form-v7.1

CHANGE REQUEST

⌘ **29.199-04 CR 004** ⌘ rev **-** ⌘ Current version: **6.1.0** ⌘

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:	⌘ Fix StopSMSNotification message part		
Source:	⌘ CN5 (Joe McIntyre, IBM)		
Work item code:	⌘ OSA3	Date:	⌘ 26/01/2005
Category:	⌘ F	Release:	⌘ Rel-6
	Use <i>one</i> of the following categories:		Use <i>one</i> of the following releases:
	F (correction)		Ph2 (GSM Phase 2)
	A (corresponds to a correction in an earlier release)		R96 (Release 1996)
	B (addition of feature),		R97 (Release 1997)
	C (functional modification of feature)		R98 (Release 1998)
	D (editorial modification)		R99 (Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900 .		Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)
			Rel-7 (Release 7)

Reason for change:	⌘ Message part is wrong type, does not follow pattern for notification management
Summary of change:	⌘ Change message part from a reference to a correlator
Consequences if not approved:	⌘ Specification will be inconsistent with established notification pattern, impacting interoperability of applications with this service.

Clauses affected:	⌘ 8.4.2										
Other specs affected:	⌘ <table border="1"><tr><td>Y</td><td>N</td></tr><tr><td>Y</td><td></td></tr><tr><td></td><td>N</td></tr><tr><td></td><td>N</td></tr></table>	Y	N	Y			N		N	Other core specifications	⌘ 29.199-05
	Y	N									
	Y										
		N									
	N										
	Test specifications										
	O&M Specifications										
Other comments:	⌘ Companion CR 29.199-05 is in N5-050095										

Change in Clause 8.4.2

8.4.2 Operation: StopSmsNotification

The application may end a short message notification using this operation

8.4.2.1 Input message: StopSmsNotificationRequest

Part name	Part type	Description
referenceCorrelator	common:SimpleReferencexsd:string	Notification endpoint provided in Correlator of request to end set up the short message notification

8.4.2.2 Output message: StopSmsNotificationResponse

Part Name	Part Type	Description
None		

8.4.2.3 Referenced Faults

ServiceException from [6]

- SVC0001 – Service error
- SVC0002 – Invalid input value

PolicyException from [6]

- POL0001 – Policy error

End of Change in Clause 8.4.2
End of Document

Annex B (informative): Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
Jun 2004	CN_24	NP-040274	--	--	Split into multi-part specification. 29.199-0n, for n=1,2...9. Submitted to CN#24 for Information	1.0.3	
Sep 2004	CN_25	NP-040360	--	--	Draft v200 submitted to TSG CN#25 for Approval.	2.0.0	6.0.0
Dec 2004	CN_26	NP-040487	001	--	Add SmsNotificationManager interface to PXWS Short-Messaging	6.0.0	6.1.0
Dec 2004	CN_26	NP-040609	002	1	Add PXWS SMS Notification Delivery Reception	6.0.0	6.1.0

joint-API-group (Parlay, ETSI Project OSA, 3GPP TSG_CN WG5)
 Meeting #30, Austin, TX, USA, 24-27 January 2005

N5-050095

CR-Form-v7.1

CHANGE REQUEST

⌘ **29.199-05 CR 003** ⌘ rev **-** ⌘ Current version: **6.1.0** ⌘

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:	⌘ Fix StopMessageNotification message part		
Source:	⌘ CN5 (Joe McIntyre, IBM)		
Work item code:	⌘ OSA3	Date:	⌘ 26/01/2005
Category:	⌘ F	Release:	⌘ Rel-6
	Use <i>one</i> 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 <i>one</i> 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:	⌘ Message part is wrong type, does not follow pattern for notification management
Summary of change:	⌘ Change message part from a reference to a correlator
Consequences if not approved:	⌘ Specification will be inconsistent with established notification pattern, impacting interoperability of applications with this service.

Clauses affected:	⌘ 8.4.2										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Y</td> <td style="padding: 2px;">N</td> </tr> <tr> <td style="padding: 2px;">Y</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;"></td> <td style="padding: 2px;">N</td> </tr> <tr> <td style="padding: 2px;"></td> <td style="padding: 2px;">N</td> </tr> </table>	Y	N	Y			N		N	Other core specifications	⌘ 29.199-04
	Y	N									
	Y										
		N									
	N										
	Test specifications										
	O&M Specifications										
Other comments:											
	⌘ Companion CR 29.199-04 is in N5-050080										

Change in Clause 8.4.2

8.4.2 Operation: StopMessageNotification

The application may end a multimedia message notification using this operation

8.4.2.1 Input message: StopMessageNotificationRequest

Part name	Part type	Description
Reference:Correlator	common:SimpleReferencexsd:string	Notification endpoint provided inCorrelator of request to set up the multimedia message notificationend

8.4.2.2 Output message: StopMessageNotificationResponse

Part Name	Part Type	Description
None		

8.4.2.3 Referenced Faults

ServiceException from [6]

- SVC0001 – Service error
- SVC0002 – Invalid input value

PolicyException from [6]

- POL0001 – Policy error

**End of Change in Clause 8.4.2
End of Document**

Annex B (informative): Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
Jun 2004	CN_24	NP-040274	--	--	Split into multi-part specification. 29.199-0n, for n=1,2...9. Submitted to CN#24 for Information	1.0.3	
Sep 2004	CN_25	NP-040360	--	--	Draft v200 submitted to TSG CN#25 for Approval.	2.0.0	6.0.0
Dec 2004	CN_26	NP-040487	001	--	Add MessageNotificationManager interface to PXWS Multimedia-Messaging	6.0.0	6.1.0

CHANGE REQUEST

⌘ **29.199-04 CR 003** ⌘ rev - ⌘ Current version: **6.1.0** ⌘

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:	⌘ Correct criteria		
Source:	⌘ CN5 [Anders Lundqvist (Incomit), Gaute Nygreen (Telenor)]		
Work item code:	⌘ OSA3	Date:	⌘ 11/02/2005
Category:	⌘ C	Release:	⌘ Rel-6
	Use <u>one</u> 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 <u>one</u> of the following releases: <i>Ph2</i> (GSM Phase 2) <i>R96</i> (Release 1996) <i>R97</i> (Release 1997) <i>R98</i> (Release 1998) <i>R99</i> (Release 1999) <i>Rel-4</i> (Release 4) <i>Rel-5</i> (Release 5) <i>Rel-6</i> (Release 6) <i>Rel-7</i> (Release 7)

Reason for change:	⌘ Unclear definition of how Criteria shall be matched and to make the SVC0282 error general to all APIs
Summary of change:	⌘ The CR swaps the Error SVC0282 to a general error that is shared with Multi Media Messgaing The definition of Whitespace and an improved specification of how the criteria shall be matched is added.
Consequences if not approved:	⌘ Unclear definition of Criteria and the common Fault for Multi Media and Short Messaging APIs are not shared

Clauses affected:	⌘ 2, 3.1, 8.1.1, 8.1.3, 8.2.1, 8.4, 8.4.1, 8.4.1.1, 8.4.1.3, 8.2.1, 9.1.3										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 20px;">Y</td> <td style="width: 20px;">N</td> </tr> <tr> <td>X</td> <td></td> </tr> <tr> <td></td> <td>X</td> </tr> <tr> <td></td> <td>X</td> </tr> </table> Other core specifications Test specifications O&M Specifications	Y	N	X			X		X	⌘ 29.199-01, 29.199-05	
Y	N										
X											
	X										
	X										
Other comments:	⌘ Companion CRs 29.199-01, 29.199-05 are in N5-050097 and N5-050098										

Change in Clause 2

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

- [1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".
- [2] 3GPP TS 22.127: "Service Requirement for the Open Services Access (OSA); Stage 1".
- [3] 3GPP TS 23.198: "Open Service Access (OSA); Stage 2".
- [4] 3GPP TS 22.101: "Service aspects; Service principles".
- [5] W3C Recommendation (2 May 2001): "XML Schema Part 2: Datatypes".

NOTE: Available at <http://www.w3.org/TR/2001/REC-xmlschema-2-20010502/>.

- [6] 3GPP TS 29.199-1: "Open Service Access (OSA); Parlay X Web Services; Part 1: Common".
- [7] 3GPP TS 23.040: "Technical realization of Short Message Service (SMS)".

[8] [RFC2822: "Internet Message Format"](#)

NOTE: [Available at http://www.ietf.org/rfc/rfc2822.txt](http://www.ietf.org/rfc/rfc2822.txt)

End of Change in Clause 2

Change in Clause 3.1

3.1 Definitions

For the purposes of the present document, the terms and definitions given in 3GPP TS 29.199-1 [6] apply.

Additionally the following definition is needed:

Shortcode: a short telephone number, usually 4 to 6 digits long. This is represented by the 'tel:' URI defined in [6].

Whitespace: See definition for CFWS as defined in RFC2822 [8].

End of Change in Clause 3.1

Change in Clause 8.1.1

8.1.1 Operation: SendSms

The invocation of **sendSms** requests to send an SMS, specified by the String **Message** to the specified address (or address set), specified by **Addresses**. Optionally the application can also indicate the sender name (**SenderName**), i.e. the string that is displayed on the user's terminal as the originator of the message, the charging information and a

ReceiptRequest. The ReceiptRequest which is a SimpleReference structure indicates the application endpoint, interface used for notification of delivery receipt and a correlator that uniquely identifies the sending request. By invoking this operation with the optional ReceiptRequest parameter the application requires to receive the notification of the status of the SMS delivery.

If Notification mechanism is not supported by a network a [serviceexceptionfault](#) (SVC0283) will be returned to the application and the message will not be sent to the addresses specified. Notification to the application is done by invoking the **notifySMSDeliveryReceipt** operation at the endpoint specified in ReceiptRequest.

The application can also explicitly invoke the **getSmsDeliveryStatus** using the **RequestIdentifier** returned by the **sendSMS** invocation to get the delivery status.

Addresses may include group URIs as defined in the Address List Management specification. If groups are not supported, a PolicyException (POL0006) will be returned to the application.

For GSM systems, if **Message** contains characters not in the GSM 7-bit character set, the SMS is sent as a Unicode SMS.

If **Message** is longer than the maximum supported length (e.g. for GSM, 160 GSM 7-bit characters or 70 Unicode characters), the message will be sent as several concatenated short messages.

The correlator provided in the ReceiptRequest must be unique for this Web Service and application at the time the notification is initiated, otherwise a ServiceException (SVC0005) will be returned to the application.

End of Change in Clause 8.1.1

Change in Clause 8.1.3

8.1.3 Operation: SendSmsRingtone

The invocation of **sendSmsRingtone** requests to send an SMS ringtone, specified by the String **ringtone** (in RTX format) to the specified addresses, specified by **Addresses**. Optionally the application can also indicate the sender name (**senderName**) i.e. the string that is displayed on the user's terminal as the originator of the message, the charging information (**charging**) and a **receiptRequest**. The **receiptRequest** which is a SimpleReference structure indicates the application endpoint, interface used for notification of delivery receipt and a correlator that uniquely identifies the sending request. By invoking this operation with the optional **receiptRequest** parameter the application requires to receive the notification of the status of the SMS delivery.

If Notification mechanism is not supported by a network a [serviceexceptionfault](#) (SVC0283) will be returned to the application and the message will not be sent to the addresses specified. Notification to the application is done by invoking the **notifySMSDeliveryReceipt** operation at the endpoint specified in ReceiptRequest.

The application can also explicitly invoke the **getSmsDeliveryStatus** using the **requestIdentifier** returned by the **sendSMSRingTone** invocation to get delivery status..

Addresses may include group URIs as defined in the Address List Management specification. If groups are not supported, a PolicyException (POL0006) will be returned to the application.

The correlator provided in the ReceiptRequest must be unique for this Web Service and application at the time the notification is initiated, otherwise a ServiceException (SVC0005) will be returned to the application.

Depending on the length of the ringtone, it may be sent as several concatenated short messages.

NOTE: On the RTX Ringtone Specification : An RTX file is a text file, containing the ringtone name, a control subclause and a subclause containing a comma separated sequence of ring tone commands.

End of Change in Clause 8.1.3

Change in Clause 8.2.1

8.2.1 Operation: NotifySmsReception

The notification is used to send a short message to the application. The notification will occur only if the SMS fulfils the criteria specified when starting the SMS notification (~~see 8.4.1 Operation: StartSmsNotification~~).

The **notifySmsReception** method must be implemented by a Web Service at the *application side*. It will be invoked by the Parlay X server to notify the application of the reception of an SMS. The notification will occur if and only if the SMS received fulfils the criteria specified in an ~~an off-line~~ provisioning step, identified by the **correlator**~~registrationIdentifier~~. The criteria must at least include an **smsServiceActivationNumber**, i.e. the SMS destination address that can be "monitored" by the application. The parameter **senderAddress** contains the address of the sender. The application can apply the appropriate service logic to process the SMS.

End of Change in Clause 8.2.1

Change in Clause 8.4

8.4 Interface: SmsNotificationManager

The short message notification manager enables applications to set up and tear down notifications for short messages, [online](#). ~~The means to provision notifications offline are not specified here.~~

8.4.1 Operation: StartSmsNotification

Start notifications to the application for a given SMS Service activation number and criteria.

The SMS Service activation number is an Address Data item as defined in 3GPP TS 29.199-1 [6]. A Shortcode is an example of an Address Data item.

The correlator provided in the reference must be unique for the application Web Service at the time the notification is initiated, otherwise a ServiceException (SVC0005) will be returned to the application..

If specified, criteria will be used to filter messages that are to be delivered to an application. If criteria are not provided, or is an empty string, then all messages for the SmsServiceActivationNumber will be delivered to the application.

The SmsServiceActivationNumber and criteria combination must be unique. If a criteria ~~or the beginning parts of a criteria~~ overlaps then ~~a fault~~**SVC0008** will be returned to the application and the notification will not be set up. Note that the use of criteria will allow different notification endpoints to receive notifications for the same SmsServiceActivationNumber. The combination of SmsServiceActivationNumber and criteria must be unique, so that a notification will be delivered to only one notification endpoint. If no match is found, the message will not be delivered to the application.

8.4.1.1 Input message: StartSmsNotificationRequest

Part name	Part type	Description
Reference	common:SimpleReference	Notification endpoint definition
SmsServiceActivationNumber	xsd:anyURI	the destination address to the short message
Criteria	xsd:string	Optional. The text to match against to determine the application to receive the notification. This text is matched against the first word in the message, defined as the initial characters after discarding any leading whitespace and ending with a whitespace or end of message. The matching shall be case-insensitive. This text is matched against the first word of the short message body text

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8.4.1.3 Referenced Faults

ServiceException from [6]

- SVC0001 – Service error
- SVC0002 – Invalid input value
- SVC0005 – Duplicate correlator
- ~~SVC0282~~-[SVC0008](#) – Overlapping Criteria

PolicyException from [6]

- POL0001 – Policy error

End of Change in Clause 8.4

Change in Clause 9.1.3

9.1.3 [Void](#)

[The fault code \(SVC0282\) is reserved and shall not be used.](#)

~~SVC0282: Overlapping Criteria~~

Name	Description
Message-Id	SVC0282
Text	Overlapped Criteria %1
Variables	%1 Message part with the overlapped criteria

End of Change in Clause 9.1.3 End Of CR

Annex B (informative): Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
Dec 2003	CN_21	NP-030552	--	--	Submitted to CN#22 for Information	1.0.0	
Jan 2004	--	--	--	--	Added The W3C WSDL representation of the APIs specified in the present document is contained in a set of files which accompany the present document: px0326rpcenc.zip px0326rpclit.zip	1.0.1	
Jun 2004	CN_24	NP-040274	--	--	Split into multi-part specification. 29.199-0n, for n=1,2...9. Submitted to CN#24 for Information	1.0.3	
Sep 2004	CN_25	NP-040360	--	--	Draft v200 submitted to TSG CN#25 for Approval.	2.0.0	6.0.0
Dec 2004	CN_26	NP-040487	001	--	Add SmsNotificationManager interface to PXWS Short-Messaging	6.0.0	6.1.0
Dec 2004	CN_26	NP-040609	002	1	Add PXWS SMS Notification Delivery Reception	6.0.0	6.1.0

CHANGE REQUEST

⌘ **29.199-05 CR 002** ⌘ rev - ⌘ Current version: **6.1.0** ⌘

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Proposed change affects: UICC apps ME Radio Access Network Core Network

Title:	⌘ Correct criteria		
Source:	⌘ CN5 [Anders Lundqvist (Incomit), Gaute Nygreen (Telenor)]		
Work item code:	⌘ OSA3	Date:	⌘ 11/02/2005
Category:	⌘ C	Release:	⌘ Rel-6
	Use <u>one</u> 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 <u>one</u> 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:	⌘ Unclear definition of how Criteria shall be matched and to make the SVC0230 error general to all APIs
Summary of change:	⌘ The CR swaps the Error SVC0230 to a general error that is shared with SMS. The definition of Whitespace and an improved specification of how the criteria shall be matched is added.
Consequences if not approved:	⌘ Unclear definition of Criteria and the common Error for Multi Media and Short Messaging APIs are not shared

Clauses affected:	⌘ 2, 3.1, 8.3.1, 8.4, 8.4.1, 8.4.1.1, 8.4.1.3, 9.1.1										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">X</td> <td style="text-align: center;"></td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications	Y	N	X			X		X	⌘ 29.199-01, 29.199-04	
Y	N										
X											
	X										
	X										
Other comments:	⌘ Companion CRs 29.199-01, 29.199-04 are in N5-050096 and N5-050098										

Change in Clause 2

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

- [1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".
- [2] 3GPP TS 22.127: "Service Requirement for the Open Services Access (OSA); Stage 1".
- [3] 3GPP TS 23.198: "Open Service Access (OSA); Stage 2".
- [4] 3GPP TS 22.101: "Service aspects; Service principles".
- [5] W3C Recommendation (2 May 2001): "XML Schema Part 2: Datatypes".

NOTE: Available at <http://www.w3.org/TR/2001/REC-xmlschema-2-20010502/>.

- [6] 3GPP TS 29.199-1: "Open Service Access (OSA); Parlay X Web Services; Part 1: Common".
- [7] W3C Note (11 December 2001): "SOAP Messages with Attachments".

NOTE: Available at <http://www.w3.org/TR/SOAP-attachments>.

[8] [3GPP TS 23.140 "Multimedia Messaging Service \(MMS\); Functional description; Stage 2"](#).

[9] [RFC2822: "Internet Message Format"](#)

NOTE: Available at <http://www.ietf.org/rfc/rfc2822.txt>

End of Change in Clause 2

Change in Clause 3.1

3.1 Definitions

For the purposes of the present document, the terms and definitions given in 3GPP TS 29.199-1 [6] apply.

Additionally the following definition is needed:

Shortcode: a short telephone number usually 4 to 6 digits long, this is represented by the 'tel:' URI defined in [6].

Whitespace: See definition for CFWS as defined in RFC2822 [9].

End of Change in Clause 3.1

Change in Clause 8.3.1

8.3.1 Operation: NotifyMessageReception

The notification is used to send a multimedia message to the application. The notification will occur only if the multimedia message fulfils the criteria specified when starting the multimedia message notification ~~(see 8.4.1 Start MessageNotification).~~

End of Change in Clause 8.3.1

Change in Clause 8.4

8.4 Interface: MessageNotificationManager

The multimedia message notification manager enables applications to set up and tear down notifications for multimedia messages. [online](#). [The means to provision notifications offline are not specified here.](#)

8.4.1 Operation: StartMessageNotification

Start notifications to the application for a given Message Service activation number and criteria.

The Message Service activation number is an Address Data item as defined in 3GPP TS 29.199-1 [6]. A Shortcode is an example of an Address Data item.

The correlator provided in the reference must be unique for the application Web Service at the time the notification is initiated, otherwise a ServiceException (SVC0005) will be returned to the application..

If specified, criteria will be used to filter messages that are to be delivered to an application. If criteria are not provided, or is an empty string, then all messages for the MessageServiceActivationNumber will be delivered to the application. The MessageServiceActivationNumber and criteria combination must be unique. If a criteria ~~or the beginning parts of a criteria~~ overlaps then ~~a fault~~SVC0008 will be returned to the application and the notification will not be set up. Note that the use of criteria will allow different notification endpoints to receive notifications for the same MessageServiceActivationNumber. The combination of MessageServiceActivationNumber and criteria must be unique, so that a notification will be delivered to only one notification endpoint. If no match is found, the message will not be delivered to the application.

8.4.1.1 Input message: StartMessageNotificationRequest

Part name	Part type	Description
Reference	common:SimpleReference	Notification endpoint definition
MessageServiceActivationNumber	xsd:anyURI	the destination address of the multimedia message
Criteria	xsd:string	Optional. The text to match against to determine the application to receive the notification. This text is matched against the first word, as defined as the initial characters after discarding any leading Whitespace and ending with a Whitespace or end of the string. The matching shall be case-insensitive. If the subject of the multimedia message is present it shall be used as the string, if not the string is defined as the first plain/text part of the content (see 3GPP TS 23.140 [8]). This text is matched against the first word of the subject of the multimedia message or the first word in the text part of the multimedia message

...

8.4.1.3 Referenced Faults

ServiceException from [6]

- SVC0001 – Service error
- SVC0002 – Invalid input value
- SVC0005 – Duplicate correlator
- ~~SVC0230~~-SVC0008 – Overlapping Criteria

PolicyException from [6]

- POL0001 – Policy error

End of Change in Clause 8.4

Change in Clause 9.1.1

9.1.1 [Void](#)

[The fault code \(SVC0230\) is reserved and shall not be used.](#)

~~SVC0230: Overlapping Criteria~~

Name	Description
Message-Id	SVC0230
Text	Overlapped Criteria-%1
Variables	%1 Message part with the overlapped criteria

**Change in Clause 9.1.1
End of CR**

Annex B (informative): Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
Jun 2004	CN_24	NP-040274	--	--	Split into multi-part specification. 29.199-0n, for n=1,2...9. Submitted to CN#24 for Information	1.0.3	
Sep 2004	CN_25	NP-040360	--	--	Draft v200 submitted to TSG CN#25 for Approval.	2.0.0	6.0.0
Dec 2004	CN_26	NP-040487	001	--	Add MessageNotificationManager interface to PXWS Multimedia-Messaging	6.0.0	6.1.0

CHANGE REQUEST

⌘ **29.199-01 CR 001** ⌘ rev **-** ⌘ Current version: **6.0.0** ⌘

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:	⌘ Add common fault for Short Messaging and Multimedia Messaging APIs		
Source:	⌘ CN5 [Anders Lundqvist (Incomit), Gaute Nygreen (Telenor)]		
Work item code:	⌘ OSA3	Date:	⌘ 11/02/2005
Category:	⌘ C	Release:	⌘ Rel-6
	Use <u>one</u> 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 <u>one</u> 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:	⌘ Adding a common error for Short Messaging and Multimedia Messaging APIs.		
Summary of change:	⌘ Added error SVC0008		
Consequences if not approved:	⌘ A fault code that in the future may be used by other parts in this series will be replicated unnecessary		

Clauses affected:	⌘ 10.1.8 New clause										
Other specs affected:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;">Y</td> <td style="text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">X</td> <td style="text-align: center;"></td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications Test specifications O&M Specifications	Y	N	X			X		X	⌘ 29.199-04, 29.199-05	
Y	N										
X											
	X										
	X										
Other comments:	⌘ Companion CRs 29.199-04, 29.199-05 are submitted in N5-050096 and N5-050097 respectively										

10.1.8 [SVC0008: Overlapping Criteria](#)

Name	Description
Message Id	SVC0008
Text	Overlapped Criteria %1
Variables	%1 Message part with the overlapped criteria

Annex B (informative): Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
Dec 2003	CN_21	NP-030552	--	--	Submitted to CN#22 for Information	1.0.0	
Jan 2004	--	--	--	--	Added The W3C WSDL representation of the APIs specified in the present document is contained in a set of files which accompany the present document: px0326rpcenc.zip px0326rpclit.zip	1.0.1	
Jun 2004	CN_24	NP-040274	--	--	Split into multi-part specification. 29.199-0n, for n=1,2...9. Submitted to CN#24 for Information	1.0.3	
Sep 2004	CN_25	NP-040360	--	--	Draft v200 submitted to TSG CN#25 for Approval.	2.0.0	6.0.0

CHANGE REQUEST

⌘ **29.199-01 CR 002** ⌘ rev **-** ⌘ Current version: **6.0.0** ⌘

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:	⌘	Introduce cross- reference to ETSI TISPAN TRs, that define an informative mapping of the Parlay X Web Services to the Parlay/OSA APIs	
Source:	⌘	CN5 [Julian Richards (The Parlay Group)]	
Work item code:	⌘	OSA3	Date: ⌘ 20/02/2005
Category:	⌘	F	Release: ⌘ Rel-6
		Use <u>one</u> of the following categories:	Use <u>one</u> of the following releases:
		F (correction)	Ph2 (GSM Phase 2)
		A (corresponds to a correction in an earlier release)	R96 (Release 1996)
		B (addition of feature),	R97 (Release 1997)
		C (functional modification of feature)	R98 (Release 1998)
		D (editorial modification)	R99 (Release 1999)
		Detailed explanations of the above categories can be found in 3GPP TR 21.900 .	Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)
			Rel-7 (Release 7)

Reason for change:	⌘	To cross-reference the set of ETSI TISPAN TRs that define an informative mapping of the Parlay X Web Services to the Parlay/OSA APIs.
Summary of change:	⌘	Add a mapping description and cross-references table to the Introduction clause.
Consequences if not approved:	⌘	

Clauses affected:	⌘	Introduction				
Other specs affected:	⌘	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Other core specifications ⌘	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N					
<input type="checkbox"/>	<input checked="" type="checkbox"/>					
		<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> Test specifications ⌘	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N					
<input type="checkbox"/>	<input checked="" type="checkbox"/>					
		<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input checked="" type="checkbox"/></td> </tr> </table> O&M Specifications ⌘	Y	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Y	N					
<input type="checkbox"/>	<input checked="" type="checkbox"/>					
Other comments:	⌘					

Change in Introduction

Introduction

The present document is part 1 of a multi-part TS covering the 3rd Generation Partnership Project; Technical Specification Group Core Network; Open Service Access (OSA); Parlay X Web Services, as identified below:

- Part 1:** "Common";
- Part 2: "Third party call";
- Part 3: "Call Notification";
- Part 4: "Short Messaging";
- Part 5: "Multimedia Messaging";
- Part 6: "Payment";
- Part 7: "Account management";
- Part 8: "Terminal Status";
- Part 9: "Terminal location";
- Part 10: "Call handling";
- Part 11: "Audio call";
- Part 12: "Multimedia conference";
- Part 13: "Address list management";
- Part 14: "Presence".

[The Mapping specification of the Parlay X Web Services \(3GPP TS 29.199\) to the Parlay/OSA APIs \(3GPP TS 29.198\) and, where applicable, to IMS, is also structured as above. A mapping of the Parlay X Web Services is however not applicable for all Parts \(e.g. Part 13\), but the numbering of Parts is kept.](#)

