Author: ebrijoh, emarfro, edavfah
Title: CT_NTF

Component: NTF

Release	Total # of Test cases	Planned tests #	Passed tests #	Failed tests#	Tool version(s)	Comments
P12A_01	251	40	35	5		Test environment needs to be documented. Most of the time is spent guessing how to configure testcases.
R12A.012		15	15	0		
5_NTF_R11B		37	37	0		Tested for 13.1.4
R12B.015		16	16	0		Tested for CT of R12B.015
R12C.001		22	22	0		Tested for CT of R12C.001
R13A.010	0		#REF!	#REF!		CT R13A.010
R13A.011	390	21	20	1		
CP06 R11A (13.1)	538	54	54	0		tested Holdback,fe23,fe24,fe09,cr1900,cr1841 in CT for 13.1.5 (cp06)
P13B.001	541	17	17	0		14.1.4
P13B.002	541	23	23	0	SMSC Sim R10A.009	CT of P13B.002 after TR30318 and T30549 was fixed.
FE27		98	96	3		CT FE27 notification by email and reg tests. 66 new TC
R13B.007	541	21	19	2	SMSC (Mobeon simulator R9A)	After Merge of DP3 to main
R14A.003		29	28	1		After SUD uplift, without iMUX

Test case #	Main test category	Sub test category	Subsub test category	Description	Test case status	Test Type	Planned for Release	Test Status	Date tested	Assigned To	Comment	<Release#>	General Comments
4001001	SMS	Notification Number		**Verify:** that sms notification works with Notification Number. **Action:** Send a message that will get a sms notification to a users notification number. **Result:** The sms notification will show in the smsc, displaying the correct content (according to .phr file used) and has been sent to the correct number.		Regr		passed	2008-05-16	uablrek		R14A.003	passed with iMUX 2008-05-19
4001002	SMS	Delivery profile		**Verify:** that sms notification works with delivery profiles. **Action:** Send a message that will get an sms notification to a user that have a delivery profile set(in Personal Settings -> Notification). **Result:** The sms notification will show in the smsc, displaying the correct content (according to .phr file used). Also verify that the notification is sent to the correct number/s specified in the delivery profile.		Regr		passed	2008-05-16	uablrek		R14A.003	passed with iMUX 2008-05-19
4001003	SMS	Event		Verify that sms notification will generate a correct MER event. Action: Send a message that will generate a SMS notification. Result: Check in /opt/mer/rep/C* or by using the Eventparser that the correct MER event,SMS (1), is sent.		Regr		passed	2008-05-16	uablrek		R14A.003	passed with iMUX 2008-05-19
4001005	SMS	Connection to MUR		**Verify** that notifications could still be sent if the connection to MUR has been lost. **Action:** Set the notification filter to notify for business hours only. Remove the billingnumber entry for one user and send 10 messages to that user. Then send messages to other users. Check with the smsc if the notifications to the other users are sent. **Result:** The notifications to the other users should be sent to the smsc (without having to restart NTF).				passed	2008-05-15	uablrek		R14A.003	passed with iMUX 2008-05-19
4001010	SMS	Template	Language Dependent	Verify that the correct language is used in the SMS notification. Action: Change preferred language on the user and then send a SMS. Result: The language in the SMS should be the same as the language set as preferred language and displaying the correct content (according to .cphr file used).		Regr		passed	2008-05-16	uablrek		R14A.003	passed with iMUX 2008-05-19

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Test case #	Main test category	Sub test category	Subsub test category	Description	Test case status	Test Type	Planned for Release	Test Status	Date tested	Assigned To	Comment	<Release#>	General Comments
4001011	SMS	Template	Cos Dependent	Verify that ntf can have different templates per CoS. Action: Create two phrase-files and name them according to <language>-x-<CoS-name>.cphr format, e.g. en-x-cos1.cphr and en-x-cos2.cphr. Result: Check that ntf uses the correct template for each cos specified.		Regr		passed	2008-05-16	uablrek		R14A.003	passed with iMUX 2008-05-19
4001023	SMS	Sourceaddress	SMSType0	**Verify** that the parameter sourceaddress_smstype0 works. **Action:** Set sourceaddress_smstype0 to "1,1,<phonenumber>" in notification.cfg (replace <phonenumber> with a phonenumber). Restart ntf. Send an outdial. **Result:** Check the sms-c to see that the values of the smstype0 is the same as the ones set in notification.cfg. (Also check for outdial message in NotificationTrace.log)				passed	2008-05-16	uablrek		R14A.003	passed with iMUX 2008-05-19
4001032	Slamdown	Sourceaddress	Missed Call Indicator-Slamdown	**Verify** that it's possible to set the calling party number as the source address. **Action:** Set the following parameters in notification.cfg: SlamdownList=Yes SmppBindType=Transceiver SlamdownTimeOfLastCall=No SourceAddress_slamdown=callers_number SlamdownMaxCallers=1 **Result:** A slamdown notification is sent with the source address set to the calling party number.				passed	2008-05-16	uablrek		R14A.003	passed with iMUX 2008-05-19
4001034	SMS	Sourceaddress	smesourceaddress	**Verify** that the parameter smesourceaddress works. **Action:** Set smesourceaddress to "1,1,smesourceaddress" in notification.cfg. Restart ntf. Send an message that will get an sms as notification. **Result:** Check the sms-c to see that the values of the sms is the same as the ones set in notification.cfg.				passed	2008-05-16	uablrek		R14A.003	passed with iMUX 2008-05-19

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4001035	SMS	Sourceaddress	additional parameter	Verify that it is possible to add an additional parameter in notification.cfg. Action: Set smesourceaddress_additional to "0,0,additional" in notification.cfg. In systemnotification.cfg add a parameter called additional and specify how to identify this parameter (eg subject or from). Set additional in en.cphr to a string that you want to be shown in the sms. Restart ntf. Send a message that fulfil the characteristics of the parameter. Result: Check the sms-c to see that the values of the sms is the same as the ones set in notification.cfg.				passed	2008-05-16	uablrek		R14A.003	passed with iMUX 2008-05-19
4001037	SMS	Sourceaddress	voice	**Verify** that ntf can have different sourceaddresses per type. **Action:** Set sourceaddress_voice to "0,0,voice" in notification.cfg. Restart ntf. Send an voice message that will get an notification. **Result:** Check the sms-c to see that the values of the notification follows the ones set in notification.cfg.				passed	2008-05-16	uablrek		R14A.003	passed with iMUX 2008-05-19
4001039	SMS	Sourceaddress	fax	Verify that ntf can have different sourceaddresses per type. Action: Set sourceaddress_fax to "0,0,fax" in notification.cfg. Restart ntf. Send an fax message that will get an notification. Result: Check the sms-c to see that the values of the notification follows the ones set in notification.cfg.				passed	2008-15-16	uablrek		R14A.003	passed with iMUX 2008-05-19
4001072	SMS	Expiration time	smstype0	Verify that the parameter validity_smstype0 works. Action: Set validity_smstype0 to 1 in notification.cfg. Verify that outdialwaitforphoneon is set to yes in the same file. Restart ntf. Send an outdial. Result: Check the sms-c to see that the expiration time of the smstype0 is the same as the one set in notification.cfg.		Regr		failed	2008-05-16	uablrek		R14A.003	A previously fixed bug was re-introduced.
4002001	Flash sms	Notification Number		Verify that Flash SMS notification works with Notification Number. Action: Send a message that will get an Flash SMS notification to a users notification number. Result: The Flash SMS notification (DCS=16/24) will be delivered to the notification number set on the user.		Regr		passed	2008-05-16			R14A.003	passed with iMUX 2008-05-19

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Test case #	Main test category	Sub test category	Subsub test category	Description	Test case status	Test Type	Planned for Release	Test Status	Date tested	Assigned To	Comment	<Release#>	General Comments
4002002	Flash sms	Delivery profile		Verify that Flash SMS notification works with delivery profiles. Action: Send a message that will get an Flash SMS notification to a user that have a delivery profile set. Result: The Flash SMS notification will be delivered to the notification number set in the correct delivery profile used.		Regr		passed	2008-05-16			R14A.003	passed with iMUX 2008-05-19
4003011	MWI	MWIOff	Group	Verify that a MWI off messages is sent to all users in the MWI off phone numbers list in the notification message body. Action: Send a group MWI off notification message with the send script. Use more than one phone number. Result: A MWI off SMS shall be sent to the SMS-C to all users.		Regr		passed	2008-05-16	uablrek		R14A.003	passed with iMUX 2008-05-19
4005001	Outdial	Notification Number		Verify that Outdial notification works with Notification Number. Action: Send a message that will get an Outdial notification to a users notification number. Result: The Outdial notification will be delivered to the notification number set on the user.		Regr		passed	2008-05-16	uablrek		R14A.003	passed with iMUX 2008-05-19
4005002	Outdial	Delivery profile		Verify that Outdial notification works with delivery profiles. Action: Send a message that will get an Outdial notification to a user that have a delivery profile set. Result: The Outdial notification will be delivered to the notification number set in the correct delivery profile used.		Regr		passed	2008-05-16	uablrek		R14A.003	passed with iMUX 2008-05-19
4007001	SMS/MWI			Verify that it is possible to send MWI on and sms in one message		Regr		passed	2008-05-16	uablrek		R14A.003	passed with iMUX 2008-05-19
4007002	SMS/MWI			Verify that it is possible to send MWI on and sms in seperate messages to one smsc using splitmwiandsms=true		Regr		passed	2008-05-16	uablrek		R14A.003	passed with iMUX 2008-05-19

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4009001	Slamdown	Slamdown		Verify that slamdown calls are notified individually if slamdown list is not set Action: Configure NTF for regular slamdown by SlamdownList=No. Configure subscriber B for Slamdown Notification by the COS. The mobile phone for subscriber B is busy. Subscriber A tries to dial subscriber B but he got busy tone and A will be redirected to MoIP. Subscriber A hangs up the call before the record prompt is played. Result: A slamdown notification is sent to subscriber B for each slamdown call until he is no longer busy.		Regr		passed	2008-05-16	uablrek		R14A.003	passed with iMUX 2008-05-19
4009004	Slamdown	SlamdownList		Verify that slamdown calls are notified grouped together if slamdown list is set. Action: Configure NTF for slamdown list by SlamdownList=Yes. Configure subscriber B for Slamdown Notification by the COS. The mobile phone for subscriber B is busy. Subscriber A tries to dial subscriber B but he got busy tone and A will be redirected to MoIP. Subscriber A hangs up the call before the record prompt is played. Result: When subscriber B is no longer busy one or more slamdownlist notification/s is sent to him containing a list of all slamdows made.		Regr		passed	2008-05-16	uablrek		R14A.003	passed with iMUX 2008-05-19
4015012		Installation		**Verify** that it is possible to install NTF in a standard system. **Action**: Install NTF by following the Installation Guide document. **Result**: NTF is installed without any errors in the installation log file.		Regr		passed	2008-05-15	uablrek		R14A.003	
	Installation												
4015013		MCR-registration		**Verify** that NTF is registered in MCR. **Action**: Open the o=config entry in MUR and in the Notification service, NTF shall be registered. **Result**: A entry with the name emcomponentname=ntf1@<hostname> exists with correct version, name, hostname etc.		Regr		passed	2008-05-15	uablrek		R14A.003	
	Installation												

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Test case #	Main test category	Sub test category	Subsub test category	Description	Test case status	Test Type	Planned for Release	Test Status	Date tested	Assigned To	Comment	<Release#>	General Comments
4015014	Installation	Uninstallation		**Verify** that it is possible to uninstall NTF in a standard system. **Action**: Uninstall NTF according to the Installation Guide document. **Result**: NTF is completly removed without any errors in the uninstallation log.		Regr		passed	2008-05-15	uablrek		R14A.003	
4015021	rc.ntf			**Verify** that it is possible to stop, start and restart NTF with the rc.ntf utility. **Action:** Stop NTF with rc.ntf. Check that all processes are stopped. Start NTF with rc.ntf. Check that all processes are started. Restart NTF with rc.ntf. Check that all processes has got a new pid after the restart. **Result:** It should be possible to stop, start and restart NTF without any problems.		Regr		passed	2008-05-16	uablrek		R14A.003	
4015022	Installation			**Verify** that NTF is registered in MIB in a correct way. **Action:** Install NTF. Check MIB values. **Result:** NTF should be registered in MIB in a correct way.		Regr		passed	2008-05-16	uablrek		R14A.003	
4015026	Log	NotificationTrace.log		**Verify** that the NotificationTrace.log does not report any unexplainable errors or that any debug loggings appear when not using debug-loglevel. **Action:** Run some normal traffic and see that NotificationTrace.log is not filled with errors or debug loggings. **Result:** NotificationsTrace.log shall not report strange errors or debug loggings.		Regr		passed	2008-05-16	uablrek		R14A.003	
4018001	SMS	SourceAddress per CoS	voice	**Verify** that is is possible to set SourceAddress_<service>_<CoS-name>. **Action:** 4 CoS'es shall be available with at least one user in each CoS having a filter with sms notification on all messages types. Set up notification.cfg according to Source_Address_voice_cos1=+1111, Source_Address_voice_cos2=+2222 Source_Address_voice=+3333 and Source_Address=+9999. Send a notification on a voice message to one user in cos1, cos2, cos3. Send a notification on a videomessage to the user in cos4. **Result:** The SourceAddress shall be correct according to the configuration on the 4 notifications that arrives in the SMSC.		Regr		passed	2008-05-16	uablrek		R14A.003	passed with iMUX 2008-05-19

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Terminal change													
				See RequestingNTFServices.5.15519.CRH109127 ch 4.4.8 Phone State Changed Message for notification.off syntax									
4024001	Terminal change	No notification		**Verify** terminal awareness (same for terminal change) notification configuration. **Action:** Send a flash SMS to subscribers mobile1 that supports Flash SMS.Script Send voice. Send a terminal change event message for subscribers mobile 2 with no flash SMS support. phone.state.changed ....noflash. **Result:** The terminal awareness should be default off. A flash SMS to mobile1 should be sent. No MER event for Terminal change event should be seen									
4024002	Terminal change	configuration		**Verify** terminal awareness (same for terminal change) notification configuration. **Action:** Configure terminal awareness as described in documentation. Send a flash SMS to subscribers mobile1 that supports Flash SMS. Script Send voice. Send a terminal change event message for subscribers mobile 2 with no flash SMS support. phone.state.changed ....noflash. **Result:** The terminal awareness should be on. A flash SMS and a cancel SMS to mobile1 and a update SMS to mobile2 should be sent to sms-c. A MER event for flash SMS to mobile1 a Terminal change event and an update SMS to mobile 2 should be seen. Same notification number used in all notifications.									
4024003	Terminal change	notification		**Verify** terminal change MWI. **Action:** Active terminal awareness.The subscriber should have unread messages in inbox. Script send voice. Send a terminal change event message for subscribers mobile 2 with MWI support. phone.state.changed ....mwi. **Result:** A MWI on to mobile2 should be sent to sms-c. A MER event Terminal change event and an MWI on to mobile 2 should be seen. Same notification number used in all notifications.									

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4024004	Terminal change	notification		**Verify** terminal change flash SMS supported by both terminals. **Action:** terminal awareness should be on. Send a flash SMS to subscribers mobile1 that supports Flash SMS. Script Send voice. Send a terminal change event message for subscribers mobile 2 with flash SMS support. phone.state.changed ....flash. **Result:** A flash SMS to mobile1 should be sent. No MER event for Terminal change event should be seen									
4024005	Terminal change	notification		**Verify** terminal change flash SMS not supported by both terminals. cancel SMS reminder **Action:** terminal awareness should be on. flash SMS should be in notification filter. Send a terminal change event message for subscribers mobile 2 with no flash SMS support. phone.state.changed ....noflash. Make a cancel SMS of reminder SMS successfull. **Result:** A update SMS should be sent. A MER event for Terminal change event should be seen and for update SMS.									
4024006	Terminal change	notification		**Verify** terminal change flash SMS not supported by both terminals. cancel flash SMS **Action:** terminal awareness should be on. flash SMS should be in notification filter. Send a terminal change event message for subscribers mobile 2 with no flash SMS support. phone.state.changed ....noflash. Make a cancel SMS of flash SMS successfull.**Result:** A update SMS should be sent. A MER event for Terminal change event should be seen and for update SMS.									
4024007	Terminal change	notification		**Verify** terminal change flash SMS not supported by both terminals. cancel urgent SMS **Action:** terminal awareness should be on. flash SMS should be in notification filter. Send a terminal change event message for subscribers mobile 2 with no flash SMS support. phone.state.changed ....noflash. Make a cancel SMS of urgent SMS successfull.**Result:** A cancel SMS and an Update SMS after terminal change shall be sent.									

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4024008	Terminal change	configuration		**Verify** replace SMS ReplaceNotifications parameter **Action:** terminal awareness should be on. Replace SMS should be on. Configure the parameter ReplaceNotifications with no, one value at a time and all valid values respectively Send a terminal change event message for subscribers mobile 2 with replace SMS support. phone.state.changed ....replace. **Result:** For all SMS types nothing is done.									
4024009	Terminal change	notification		**Verify** terminal change replace SMS not supported by change terminals. **Action:** terminal awareness should be on. Replace SMS should be on. Send two new messages to subscribers mobile1 that supports replace SMS .Script Send voice. Script Send voice. Send a terminal change event message for subscribers mobile 2 with no replace SMS support. phone.state.changed ....noreplace. **Result:** A new SMS and a replace SMS a cancel SMS to mobile1 and an update SMS should be sent to mobile 2. MER event for SMS, replace SMS, Terminal change event and update SMS should be seen. Same notification number used in all notifications. C									
4024010	Terminal change	notification		**Verify** terminal change replace SMS supported by change terminals. **Action:** terminal awareness should be on. Replace SMS should be on. Send two new messages to subscribers mobile1 that supports replace SMS . Script Send voice. Script Send voice. Send a terminal change event message for subscribers mobile 2 with replace SMS support. phone.state.changed ....replace. **Result:** A new SMS and a replace SMS to mobile1. MER event for SMS, replace SMS should be seen.									
4024011	Terminal change	Error handling		**Verify** terminal change error handling no subscriber in mur. **Action:** Have terminal awareness on. Have debugg logging on. Send a terminal change event to a non subscriber. phone.state.changed ....noflash, nomwi, noreplace. **Result:** The NTF discards the terminal change event and logs it.									
SelfDiag													

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4025001			Self diagnostics	**Verify** that selfdiag can be run **Action:** Run selfdiag in /apps/ntf/selfdiag by running ./selfdiag **Resul**t: Verify that selfdiag is run and that no unexplainable errors occur.									
4025002				**Verify** that selfdiag can be run with parameter -c **Action:** Run selfdiag in /apps/ntf/selfdiag by running ./selfdiag -c **Result:** Verify that selfdiag is run and that no unexplainable errors occur. A container file with the result shall be saved.									
Notification Holdback													
4026001	notification Holdback	notification		**Verify** that ntf holdback an outdial notification when retrieveing messages. **Action:** Send two new messages to subscribers. Script Send voice. Script Send voice. Do a long retrieve session, in the meantime send in some more messages. (Note:parameter SendNotification must be Yes in the MVAS mvas.cfg file) **Result:** No outdial call should be placed during the retrieval session. No SMS 0 SMS should be placed to the SMSC during the retrieval session.									
4026002	notification Holdback	notification		**Verify** that ntf holdback an outdial failure SMS notification when retrieveing messages. **Action:** Send two new messages to subscribers. Script Send voice. Script Send voice. Do a long retrieve session, in the meantime send in some more messages. **Result:** No outdial failure SMS should be sent to the SMSC during the retrieval session. No SMS 0 SMS should be placed to the SMSC during the retrieval session.									
4026003	notification Holdback	notification		**Verify** that ntf holdback an Reminder SMS notification when retrieveing messages. **Action:** Send some new messages to subscribers. Script Send voice. Script Send voice. Do a long retrieve session, in the meantime send in some more messages.(Note:parameter SendNotification must be Yes in the MVAS mvas.cfg file) **Result:** No Reminder SMS should be sent to the SMSC during the retrieval session.									

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4026004	notification Holdback	notification		**Verify** that ntf holdback an Regular SMS notification when retrieveing messages. **Action:** Send two new messages to subscribers. Script Send voice. Script Send voice. Do a long retrieve session, in the meantime send in some more messages. (Note:parameter SendNotification must be Yes in the MVAS mvas.cfg file) **Result:** No Regular SMS should be sent to the SMSC during the retrieval session.									
4026005	notification Holdback	errorhandling Notification		**Verify** that ntf continues to send notifications after 1 hour if no logout event arives to ntf. **Action:** Set parameter SendNotification to No in the MVAS mvas.cfg file so no lout event is sent. Restart mvas. Send two new messages to subscribers. Script Send voice. Script Send voice. Do a long retrieve session, in the meantime send in some more messages. Hangup the retrieve session. Wait and see...**Result:** SMS notification should be sent to smsc:n after one hour of waiting..									
4026006	notification Holdback	errorhandling Notification		**Verify** that ntf send notifications if no login or logout event arives to ntf from ess (ess down). **Action:** kill ess. Send two new messages to subscribers. Script Send voice. Script Send voice. Do a long retrieve session, in the meantime send in some more messages. **Result:** SMS notification should be sent to smsc:n during the retrieval session.									
4027001	CR 1841. Set priority on SMS 0	notification		**Verify** that it is possible to set priority on SMS 0 sms. **Action:** Have outdial configured. Set parameter smspriority to some priority (for ex 1). Send in a message **Result:** The SMS 0 message to the smsc should have priority 1 or what is sat.									
4028001	FE09	notification grammatics		**Verify** that the tool /<ntf_home>bin/generatetext works to make sure that the syntax in the cphr file is correct. **Action:** Create a cphr file for english run the tool with the right arguments **Result:** the script should generate the text according to the arguments.									

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4028002	FE09	notification grammatics		**Verify** that it an the sms grammatics is created from the right cphr file **Action:** Create a cphr file for en (write xxx in the sentence, to see if the right phrase file is used). Have count in Subscribers cos or private notification filter. make sure that parameter MessageCount =Yes in notification.cfg. restart ntf. Send in some voice mail and some email. **Result:** The subscriber should get a message with xxx in the message.									
4028003	FE09	notification grammatics		**Verify** that when a en.cphr file exist another user with another language than english gets sms the default phr file **Action:** Create a cphr file for english (write xxx in the sentence, to see if the right phrase file is used). Have count in Subscribers cos or private notification filter. make sure that parameter MessageCount =Yes in notification.cfg. restart ntf. Make sure that the language for the user is not english. Send in some voice mail and some email. **Result:** The subscriber should get a message with the right language in the message ie from the default language file..									
4028003	FE09	notification grammatics		**Verify** that Notification grammatics dont sends out faulty sms when tab token is between rule and message in cphr file. **Action:** Create a cphr file for english (write xxx in the sentence, to see if the right phrase file is used). Have count in Subscribers cos or private notification filter. make sure that parameter MessageCount =Yes in notification.cfg. restart ntf. Send in some voice mail and some email. **Result:** The subscriber should get a correct message with the right language in the message ie from the default language file.The message should not look like"You have one1 new voice..."									

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4029001	FE24	multiple source address		**Verify** that slamdown SMS contains source address **Action:** Subscriber has cos 1. configure in notification.cfg so sourceaddress_slamdown_cosname1=slam_from_cos_1. Make a call to subscriber, but dont leave a message, instead hang up to trigger a slamdown notification **Result:** The subscriber should get a slamdown SMS with slam_from_cos1 as sourceaddress.									
4029002	FE24	multiple source address		**Verify** that new message SMS contains right source address **Action:** Subscriber has cos 1. configure in notification.cfg so sourceaddress_voice_cosname1=voice_from_cos_1. Make a call to subscriber and leave a message **Result:** The subscriber should get a new message SMS with voice_from_cos_1 as sourceaddress.									
4029003	FE24	multiple source address		**Verify** that MWIon contains right source address **Action:** Subscriber has cos 1. configure in notification.cfg so smesourceaddress=notification_with_no_message_type_defined. Make a call to subscriber and leave a message **Result:** The subscriber should get a MWI message with notification_with_no_message_type_defined' as sourceaddress.									
4030001	TR 26966			**Verify** that AM/PM can be configured in in .cphr file for all types of sms notification. **Action:** configure .cphr file according to NTF O&M to enable AM and PM to be written as am /pm. Sen messages of all types with send script (both ivrtosms and slamdown as singel message and as list) **Result:** AM and PM shall be displayed as am and pm if configuration is done to display am/pm									

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4030002 TR 29809				**Verify** that the callers_number as Source Adress works if slamdownlist is turned off. **Action**: set in notification.cfg file; 'sourceadress_slamdown=callers_number' and 'slamdownlist=off' Restart NTF. send in a slamdown with send script: send -t slam 214100001. **Result**: look in the smsc. the sms should look someting like this: 'You received a voice call from 100003, at 17:19, 08/17/2007 no message was left'									
4030003	SMS	Connections KeepSmscConnections=No		**Verify** that the NTF drops idle SMPP connections if the parameter KeepSmscConnections is not set in the notification.cfg file (default value no) **Action**: set up a snoop (snoop -V tcp port 5016 | egrep -i 'fin|syn') on the smse machine. send in 100 voicemail with the sendscript (send -t vioce -n 100) **Result:** See that several connections is established (Syn Sek and Syn Ack) when ntf sending sms to the smse. whait a while and see that the NTF drops the extra connections (2 fin ack is a disconnect)									
4030004	SMS	Connections KeepSmscConnections= Yes		**Verify** that the NTF dont drops idle SMPP connections if the parameter KeepSmscConnections is set in the notification.cfg file. **Action**: set up a snoop (snoop -V tcp port 5016 | egrep -i 'fin|syn') on the smse machine. send in 100 voicemail with the sendscript (send -t vioce -n 100) **Result**: See that several connections is established (Syn Sek and Syn Ack) when NTF sending sms to the smse. whait a while and see that the NTF dont drop the extra connections (2 fin ack is a disconnect)									
Notification by email													

Test case #	Main test category	Sub test category	Subsub test category	Description	Test case status	Test Type	Planned for Release	Test Status	Date tested	Assigned To	Comment	<Release#>	General Comments
4031001	EML	Delivery profile,1 email address	voice	**Verify:** that email notification works with delivery profiles with 1 emailadress. **Action:** Make sure that the users emDeliveryProfile contains (<Emailaddress1>;<NotificationType>;<Terminaltype>) for ex User3@test.com;EML;E. Send a voice message that will generate an email notification to a the user that have a delivery profile set(in Personal Settings -> Notification). **Result:** The email notification sent to the correct emailaddress specified in the delivery profile, displaying the correct content (according to .cphr file used).									
4031002	EML	Delivery profile, 3 email addresses	video	**Verify:** that email notification works with delivery profiles with 3 emailadresses. **Action:** Make sure that the users emDeliveryProfile contains (<Emailaddress1>,<Emailaddress2>,<Emailaddress3>;<NotificationType>;<Terminaltype>) for ex User1@test.com,User2@test.com,User3@test.com;EML;E. Send a video message that will generate an email notification to the user that have a delivery profile set(in Personal Settings -> Notification). **Result:** The email notification sent to all the correct emailaddresses specified in the delivery profile, displaying the correct content (according to .cphr file used).									

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4031003	EML	Notification grammatics	voice, fax, email and video message	Verify: that an email notification is sent if a voice message has arrived in the users mailbox Action: Make sure that the users emDeliveryProfile contains (<Emailaddress1>;<NotificationType>;<Terminaltype>) for ex User3@test.com;EML;E. Set the c template in cphr to 'c = { "You have " (0,0,0,0) "no new messages." (1,*,*,*) "one" (2-,*,*,*) VCOUNT (1-,*,*,*) " new voice message" (2-,*,*,*) "s" (1-,0,0,0) "." (1-,1-,0,0) " and " (1-,1-,1-,*) ", " (*,1,*,*) "one" (*,2-,*,*) FCOUNT (*,1-,*,*) " new fax" (*,2-,*,*) "es" (*,1-,0,0) "." (*,1-,1-,1-) ", " (0,1-,1-,0) " and " (1-,0,1-,0) " and " (1-,1-,1-,0) " and " (*,*,1,*) "one" (*,*,2-,*) ECOUNT (*,*,1-,*) " new email" (*,*,2-,*) "s" (*,*,1-,0) "." (1-,0,0,1-) " and "									
4031004	EML	Event		Verify that email notification will generate a correct MER event. Action: Send a message that will generate a email notification. Result: Check in /opt/mer/rep/C* or by using the Eventparser that the correct MER event, EML (pt=14) , is sent.									
4031005	EML	Event	all notification types	Verify that all notification types will generate correct MER events. Action: Set up a filter with all notification types possible. Send a voice message that will generate notification on all notification types. Result: Check in /opt/mer/rep/C* or by using the Eventparser that the correct MER events is sent.(1 sms with mwi, 1 flash, 1 email, 1 outdial (if that is configured), mms (if that is configured, and so on))									

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Test case #	Main test category	Sub test category	Subsub test category	Description	Test case status	Test Type	Planne d for Releas e	Test Status	Date tested	Assigne d To	Comment	<Release#>	General Comments
4031006	EML	Template	Subject, count tag, normal, en.cphr, non full	Verify that email notification with subject works. Action: Configure in the en.cphr file: fromnumberprefix = { +46 } s = {"You have " TCOUNT " new messages. The newest " TYPE " message is a " STATUS " message from " FROM " with the subject " QUOTE SUBJECT QUOTE " arrived " DATE " " TIME \u000a "and with body " QUOTE EMAIL_TEXT QUOTE "."}. Send a normal email message that will get an email notification with subject. Result: The email notification will show in the users extern mailbox, displaying the correct content (according to .cphr file used). +46 chall hav been added as a prefix on the FROM tag if thats a number									
4031007	EML	Template	Header, video message, urgent, en-x-cos2.cphr, non full	Verify that email notification with header works for voice. Action: Configure in the en-cos2.cphr file: h = {"You have one new " STATUS " " TYPE UNICODE=000a "message from " FROM " with the subject " QUOTE SUBJECT QUOTE " arrived " DATE=EEEE_y yyy-MM-dd_HH:mm,_EEE_d_MMMM;_+1=_hh.mm_a " " TIME ", size " SIZE ", attachments " NUM_ATTACHMENTS "."} .Send a urgent video message that will get an email notification with subject. Result: The email notification will show in the users email notification mailbox, displaying the correct content (according to .cphr file used).									

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Test case #	Main test category	Sub test category	Subsub test category	Description	Test case status	Test Type	Planned for Release	Test Status	Date tested	Assigned To	Comment	<Release#>	General Comments
4031008	EML	Template	Count, full mailbox	Verify that email notification with count works and qouta. Action: Set MsgCntByType=Yes in notification.cfg. Configure in the phr file: QuotaText={"(Your mailbox is full, please delete some messages!)"} and c = { "You have " TCOUNT " new messages. (" VCOUNT " voice messages, " FCOUNT " faxes, " ECOUNT " emails and " MCOUNT " new video messages)" QUOTA_TEXT } . Make sure that the user has some different kind of messages in the inbox. Send a message that will get an email notification with count. Result: The email notification will show in the users extern mailbox, displaying the correct content (according to .cphr file used). Check that the Qouta text is included in the body in the notification email.									
4031009	EML	Template	Count, mailbox not full	Verify that email notification with count works and qouta. Action: Set MsgCntByType=Yes in notification.cfg. Configure in the phr file: QuotaText={ "(Your mailbox is full, please delete some messages)"} and c = { "You have " TCOUNT " new messages. (" VCOUNT " voice messages, "FCOUNT " faxes," ECOUNT " emails, "MCOUNT "new video messages) " QUOTA_TEXT } . Make sure that the user has some different kind of messages in the inbox. Send a message that will get an email notification with count. Result: The email notification will show in the users extern mailbox, displaying the correct content (according to .cphr file used). Check that the Qouta text is not included in the body in the notification email.									

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Test case #	Main test category	Sub test category	Subsub test category	Description	Test case status	Test Type	Planned for Release	Test Status	Date tested	Assigned To	Comment	<Release#>	General Comments
4031010	EML	Template	e2	Verify that email notification with e2 works and PHONE and CONVERTED_PHONE works. Action: Set MsgCntByType=yes in notification.cfg. Configure in the phr file: CONVERTED_PHONE = { "2>46,2>99" } and e2 = {"You have " TCOUNT " new messages. (" VCOUNT " voice messages, " FCOUNT " faxes, " ECOUNT " emails, " MCOUNT " new video messages). To listen to them call " PHONE " or " CONVERTED_PHONE "." }. Send a voice message that will get an email notification with e2 template. Result: The email notification will show in the users extern mailbox, displaying the correct content (according to .cphr file used).									
4031011	EML	Template	e3	Verify that email notification with e3 works for voice with changed dateFormat. Action: Configure in the phr file AM={"am"} and PM={"pm"} : e3={"You have one new " STATUS " " TYPE " message from " FROM " with the subject " QUOTE SUBJECT QUOTE " arrived " DATE=yyyy-MM-dd " " TIME ", size " SIZE ", attachments " NUM_ATTACHMENTS "."} .Send a voice message that will get an email notification with subject. Result: The email notification will show in the users email notification mailbox, displaying the correct content (according to .cphr file used).									
4031012	EML	Template	e4	Verify that email notification with e4 works for voice with changed dateFormat. Action: Configure in the phr file AM={"am"} and PM={"pm"} : e4={"You have one new " STATUS " " TYPE " message from " FROM " with the subject " QUOTE SUBJECT QUOTE \u000a " arrived " DATE=EEEE_d_MMMM_yyyy_hh:mm_a ", size " SIZE ", attachments " NUM_ATTACHMENTS "." }. Send a voice message that will get an email notification with subject. Result: The email notification will show in the users email notification mailbox, displaying the correct content (according to .cphr file used).									

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Test case #	Main test category	Sub test category	Subsub test category	Description	Test case status	Test Type	Planned for Release	Test Status	Date tested	Assigned To	Comment	<Release#>	General Comments
4031013	EML	Template	Language Dependent	Verify that the correct language is used in the email notification. Action: Change preferred language on the user and then send a email. Result: The language in the email should be the same as the language set as preferred language and displaying the correct content (according to .cphr file used).									
4031014	EML	Template	Cos Dependent	Verify that ntf can have different templates per CoS. Action: Create two cphrase-files and name them according to <language>-x-<CoS-name>.cphr format, e.g. en-x-cos1.cphr and en-x-cos2.cphr. Result: Check that ntf uses the correct template for each cos specified.									
4031015	EML	Template	Cos Dependent	Verify that ntf can have different templates per CoS. Action: Create two cphrase-files and name them according to <language>-x-<CoS-name>.cphr format (not english), e.g. sv-x-cos1.cphr and sv-x-cos2.cphr. Result: Check that ntf uses the correct template for each cos specified.									

Approved: Andreas Henningsson

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Test case #	Main test category	Sub test category	Subsub test category	Description	Test case status	Test Type	Planned for Release	Test Status	Date tested	Assigned To	Comment	<Release#>	General Comments
4031016	EML	Template	Notification Grammatics	Verify: that The numeric message count conditions for templates works Action: Make sure that the users emDeliveryProfile contains (<Emailaddress1>;<NotificationType>;<Terminaltype>) for ex User3@test.com;EML;E. c = { "You have " (0,0,0,0) "no new messages." (1,*,*,*) "one" (2,*,*,*) "two" (3,*,*,*) "tree" (4,*,*,*) "four" (5,*,*,*) "five" (6,*,*,*) "six" (7,*,*,*) "seven" (8,*,*,*) "eight" (9-,*,*,*) VCOUNT (1-,*,*,*) " new voice message" (2-,*,*,*) "s" (1-,0,0,0) "." (-2,*,*,*) "Thats not much!" (3-5,*,*,*) "That's quite much!" (6-,*,*,*) "That's a lot! Delete Messages!" } Send a voice message that will generate an email notification to the user that have a delivery profile set(in Personal Settings -> Notification). Send more voice message that will generate another email notification.								
4031017	EML	Template	Notification Grammatics	**Verify** that NTF can handle if a value greater then 9 is entered as a condition parameter in the .cphr file. **Action:** Set a voice condition in the .cphr file to greater then 9 and send 10 voice messages to the user. **Result:** Check that no exception is found in the NTF logfiles. The email string may look strange, but that is not a problem.								

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Test case #	Main test category	Sub test category	Subsub test category	Description	Test case status	Test Type	Planne d for Releas e	Test Status	Date tested	Assigne d To	Comment	<Release#>	General Comments
4031018	EML	Template	Notificatio n Grammati cs	**Verify** that NTF uses the default phrase file if no "preferred" language phrase file is found. **Action:** Set the preferred language for a user to a language that doesn't have a match among NTF phrase files for example ru for russia.Make sure that default language parameter in notification.cfg is set to en. The preferred language cannot be "en" for English. Deposit a message to the user. **Result:** Check the email tool and verify that the appropriate string for the number of new messages corresponds with the string in the NTF en.cphr file for notification content type general.									
4031019	EML	Template, EML o SMS	voice	Verify that email notification and the SMS notification contain the same data. Action: configure both EML and SMS for a user and set the same template s. Configure in the cphr file: s={"You have one new" STATUS " " TYPE " message from " FROM " with the subject " QUOTE SUBJECT QUOTE " arrived at " DATE TIME ", size " SIZE ", attachments " NUM_ATTACHMENTS }. Send a voice message that will get an email notification and a SMS notification with subject. Result: The email notification will show in the users email notification mailbox and the SMS will show in the SMSC, displaying the correct and same content (according to .cphr file used).									
4031020	EML	Template EML o SMS	email	Verify that email notification and the SMS notification contain the same data. Action: configure both EML and SMS for a user. Configure in the phr file: s={"You have one new" STATUS " " TYPE " message from " FROM " with the subject " QUOTE SUBJECT QUOTE " arrived at " DATE TIME ", size " SIZE ", attachments " NUM_ATTACHMENTS} . Send a email message that will get an email notification and a SMS notification with subject. Result: The email notification will show in the users email notification mailbox and the SMS will show in the SMSC, displaying the correct and same content (according to .cphr file used).									

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Test case #					Test case status	Test Type	Planned for Release	Test Status	Date tested	Assigned To	Comment	<Release#>	General Comments
	Main test category	Sub test category	Subsub test category	Description									
4031021	SMS	tab token		**Verify** that NTF sends out correct sms when tab token is between rule and message in cphr file. **Action:** set tab token between the rule and message, (1,*,*,*) <tab> "one ". Restart the ntf. Send a voice message to the user (the user shall have one fax and one new email). **Result**: look at the sms that is sent and see that the message is correct ("You have one new voice message and one new fax and one new email"									
4031022	EML	space		**Verify** that NTF sends out correct notification string in a notification email when space token is between rule and message in cphr file. **Action:** set a tab token between the rule and message, (1,*,*,*) <spaces> "one ". Restart the ntf. Send a voice message to the user (the user shall have one fax and one new email). **Result**: look at the email notification email that is sent and see that the message is correct ("You have one new voice message and one new fax and one new email")									
4031023	EML	Loop prevention		**Verify** that NTF dont end up in an infinity loop when sending email notification to the users own MoIP mailbox. **Action:** Configure email notification in COS for the user. The user shall have set the email notification address to the own emailbox in MoIP. Send in an email. Look in the MoIP mailbox **Result:** Look at the mail. Check that the mail header in the notification email is something like "X-Ipms-EmailNotification:on" and that NTF don't send a notification on that email.									

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Test case #	Main test category	Sub test category	Subsub test category	Description	Test case status	Test Type	Planned for Release	Test Status	Date tested	Assigned To	Comment	<Release#>	General Comments
4031024	EML	Loop prevention		**Verify** that NTF dont end up in an infinity loop when sending email notification to the 2 users own MoIP mailbox. **Action:** Configure email notification in COS for the 2 users. configure EML in filter and set each others emailadresses in the delivery profile for the 2 users. The user shall have set the email notification address to the own emailbox in MoIP. Send in an email. Look in the MoIP mailbox **Result:** Look at the mail. Check that the mail header in the notification email is something like "X-Ipms-EmailNotification:on" and that NTF don't send a notification on that email for the 2 users.									
4031025	EML	emailnotification-header-cc-0		**Verify** that the emailnotification-header-cc-0 exist in the EML notification email if the emailnotification-header-cc-0= exist in the .cphr file. **Action:** Configure email notification in COS for the user. The user shall have set the emailnotification-header-cc-0 header in the cphr file to MoIP@ericsson.com. Send in an email.Look in the users EML notfication mailbox. **Result:** Look at the mail. Check that the mail header in the notification email is something like CC: MoIP@ericsson.com".									
4031026	EML	emailnotification-header-bcc-0		**Verify** that the emailnotification-header-bcc-0 exist in the EML notification email if the emailnotification-header-bcc-0= exist in the .cphr file. **Action:** Configure email notification in COS for the user. The user shall have set the emailnotification-header-bcc-0 header in the cphr file to MoIP@ericsson.com. Send in an email.Look in the users EML notfication mailbox. **Result:** Look at the mail. Check that the mail header in the notification email is something like BCC: MoIP@ericsson.com".									

Test case #	Main test category	Sub test category	Subsub test category	Description	Test case status	Test Type	Planned for Release	Test Status	Date tested	Assigned To	Comment	<Release#>	General Comments
4031027	EML	emailnotification-header-reply-to-0		**Verify** that the emailnotification-header-reply-to-0 exist in the EML notification email if the emailnotification-header-reply-to-0= exist in the .cphr file. **Action:** Configure email notification in COS for the user. The user shall have set the emailnotification-header-reply-to-0 header in the cphr file to MoIP@ericsson.com. Send in an email.Look in the users EML notfication mailbox. **Result:** Look at the mail. Check that the mail header in the notification email is something like REPLY-TO: MoIP@ericsson.com".									
4031028	EML	emailnotification-header-from-0		**Verify** that the emailnotificationheader-from-0 exist in the EML notification email if the emailnotification-header-from-0= exist in the .cphr file. **Action:** Configure email notification in COS for the user. The user shall have set the emailnotification-header-from-0= header in the cphr file to MoIP@ericsson.com. Send in an email.Look in the users EML notfication mailbox. **Result:** Look at the mail. Check that the mail header in the notification email is something like FROM: MoIP@ericsson.com".									
4031029	EML	emailnotification-header-subject-0		**Verify** that the emailnotification-header-subject-0 exist in the EML notification email if the emailnotification-header-subject-0= exist in the .cphr file. **Action:** Configure email notification in COS for the user. The user shall have set the emailnotification-header-subject-0= header in the cphr file to "This is a subject header test". Send in an email. Look in the users EML notfication mailbox. **Result:** Look at the mail. Check that the mail header in the notification email is something like SUBJECT: This is a subject header test".									

Test case #	Main test category	Sub test category	Subsub test category	Description	Test case status	Test Type	Planned for Release	Test Status	Date tested	Assigned To	Comment	<Release#>	General Comments
4031030	EML	emailnotification-header-from-envelope-0		**Verify** that the emailnotification-header-from-envelope-0 exist in the EML notification email if the emailnotification-header-from-envelope-0= exist in the .cphr file. **Action:** Configure email notification in COS for the user. The user shall have set the emailnotification-header-from-envelope-0= header in the cphr file to MoIP@ericsson.com. Send in an email. Look in the users EML notfication mailbox. **Result:** Look at the mail. Check that the mail header in the notification email is something like Return-path: MoIP@ericsson.com.									
4031031		emailnotification-header-x-0-myHeader		**Verify** that the emailnotification-header-x-0-myHeader exist in the EML notification email if the emailnotification-header-from-envelope-0= exist in the .cphr file. **Action:** Configure email notification in COS for the user. The user shall have set the emailnotification-header-x-0-myHeader= header in the cphr file to =moip@ericsson.com. Send in an email.Look in the users EML notfication mailbox. **Result:** Look at the mail. Check that the mail header in the notification email is something like myHeader: MoIP@ericsson.com".									
4031032	EML	Quota check		Verify that NTF notify as usual even if the mailbox is full when you set CheckQuota=Off. Action: set CheckQuota= off in notification.cfg and configure "mailquotaexceeded=Your mailbox is full, you may be missing messages." in the phr file. restart NTF. Make sure that the mailbox is full. Send in another voice mail. Result: ordinary email notification shall be sent out to the users mailbox as usual.									

Test case #	Main test category	Sub test category	Subsub test category	Description	Test case status	Test Type	Planne d for Releas e	Test Status	Date tested	Assigne d To	Comment	<Release#>	General Comments
4031033	EML	Quota check		Verify that NTF stop notify when the mailbox is full when you set CheckQuota=On and QuotaAction=Discard. Action: set CheckQuota=On and QuotaAction=Discard in notification.cfg and configure "mailquotaexceeded=Your mailbox is full, you may be missing messages." in the cphr file. Restart NTF. Make sure that the mailbox is full. Send in another voice mail. Result: no email notification shall be sent out to the users mailbox.									
4031034	EML	Quota check		Verify that NTF to send a Quota warning email and a normal email notification when the mailbox is full. Action: set CheckQuota=On and QuotaAction=NotifyAndWarn NumberOfMailQuotaLevel=90 and in notification.cfg and configure mailquotaexceeded = { "Your mailbox is nearly full, you may be missing messages." } in the cphr file. Restart NTF. Make sure that the mailbox is full. Send in another voice mail. Result: A Quota warning email notification and a ordinary email notification shall be sent out to the users mailbox.									
4031035	EML	Connectio ns		Verify that the connection is marked as down and that messages are retried to another MTA when the MTA is killed.									
4031036	EML	Connectio ns		Verify that the connection is closed and restarted if the MTA fails to respond to a message.									
4031037	EML	Connectio ns		Verify that the number of MTA connections increases during high load on NTF.									
4031038	EML	Connectio ns		Verify that the number of MTA connections decreases when the load on NTF gets lower.									
4031039	EML	Connectio ns		Verify that there is always at least one connection to a MTA.									
4031040	EML	Connectio ns		Verify that NTF polls the MTA periodically when there is no traffic on NTF									

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4031041	EML	Connections		Verify that NTF sends receive roughly the same amount of requests to all enabled MTA i MCR. Action: Set up several MTA (mmssim). Stop the NTF. Send many voice mails (100). Start NTF check that the NTF sends roughly the same amount of requests to all enabled MTA i MCR. Result: Each MTA receive roughly the same amount of requests.									
4031051	EML	Filter set to Always		**Verify** that notifications are sent business days and non business days if filter properties is Always and Business days are set to 1,2,3,4. **Action:** Set the Filter properties to Always in MUP. Set the attribute inHoursDow to the value 1,2,3,4. Send a mail to the subscriber on a day 4 (thursday). Send another mail to the subscriber on day 5 (friday). **Result:** Notification should be sent out one on thursday and one on friday.									
4031052	EML	Filter set to Business days, non business days		**Verify** that the notification string is different on business days and non business days. Business days are set to 1,2,3,4. **Action:** Set 2 filters in MUP. Set the Filter properties in MUP to business day with e0 as template on the first filter. Set the Filter properties in MUP to non business day with e1 as template on the second filter. Send a mail to the subscriber on the day 4 (thursday) and aon day 5 (friday). **Result:** : Notification sent out on thursday should be according to template e0 and the notification on friday should be according e1.									
4031054	EML	Test tool	count	**Verify** that the phrase tool generate the text correct for c. **Action:** Configure the phrase file. Run the generate text #./generatetext –d <NTF_HOME> –c <content> –l <language> –v <voice> –f <fax> –e <e-mail> –m <video>. **Result:** the generated text shall be correct									

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Test case #	Main test category	Sub test category	Subsub test category	Description	Test case status	Test Type	Planned for Release	Test Status	Date tested	Assigned To	Comment	<Release#>	General Comments
4031055	EML	Test tool	header	**Verify** that the phrase tool generate the text correct for h. **Action:** Configure the phrase file. Run the generate text #./generatetext –d <NTF_HOME> –c <content> –l <language> –v <voice> –f <fax> –e <e-mail> –m <video>. **Result:** the generated text shall be correct									
4031056	EML	Test tool	subject	**Verify** that the phrase tool generate the text correct for s. **Action:** Configure the phrase file. Run the generate text #./generatetext –d <NTF_HOME> –c <content> –l <language> –v <voice> –f <fax> –e <e-mail> –m <video>. **Result:** the generated text shall be correct									
4031057	EML	Test tool	email, e1	**Verify** that the phrase tool generate the text correct for e1. **Action:** Configure the phrase file. Run the generate text #./generatetext –d <NTF_HOME> –c <content> –l <language> –v <voice> –f <fax> –e <e-mail> –m <video>. **Result:** the generated text shall be correct									
4031058	EML	convert tool		**Verify** that the convertion tool convert the old phrase files .phr to a working .cphr. **Action:** run the convertion tool on the old phrase file. Phr2cphr.pl -o <outfile> <oldphr-file> **Result:** the generated phrase files shall be correct and notification shall work.									

Change log for test cases NTF

Date	Who	Short description of changes made
2006-01-24	ermlma	Added testcases for MMS notification.
2006-04-26	mjobr	Added TC for 4_NTF_R11B
2006-05-09	ermjnil	Addded testcases for MMS video mail (MarkAsRead)
2006-05-17	ermjnil	Added testcases for Included FE in 14.1, "Missed Call Indicator", "Several MWI Off", "Notification Grammatics"
2006-06-15	ermjnil	Executed regression, installation, uninstallation, MCR reg and MCR unreg test cases.
2006-06-16	mjobr	Added TC for EC107_NTF_R11B
2006-08-17	mjobr	Added TC for EC107_NTF_R11B
2006-09-04	mjobr	Added TC for 5_NTF_R11B
2006-10-02	mjobr	Updated TC for R12B.015
2006-11-02	mjobr	Updated TC for R12C.001
2006-03-10	mmafr	PD1 Updated TC for P13A.001, added testcase 4015023
2006-03-20	msuwe	Added TC for SIP MWI Notification (TC 4017001-4017017)
2006-03-21	msuwe	Updated after review (TC 4017001-4017017)
2006-03-22	mmafr	PD3 Update after review (TC 4015023-4015026)
2006-03-28	msuwe	PD4 Updated for SIP MWI Notification and for SourceAddress per CoS.
2006-04-10	msuwe	PD5 Updated after review with tc & results for Regr. and SourceAddress per CoS.
2007-04-23	eulrfro	PD6 Merged from \dev\r13a added TC for fe23 advanced notification and terminal dependant notification.
2007-04-30	eulrfro	PD7 updated after inspection
2007-05-08	eulrfro	PD8 added some TC results. To do minor gen updates left from review+ some TC.
2007-05-10	eulrfro	PD9 added final TC results for fe23 and updated test cases.Revision changed to B1 for R11B fe23. All fe23 Tc marked with fe23 in comment field.
2006-05-23	msuwe	PD6 Updated with teststatus after Regression for 14.1.3
2007-06-05	enorjoe	PD7 Updated for teststatus efter changes from version 007-010
2007-06-08	esuswe	PD8 Updated for teststatus R13A.011
2007-06-12	mmafr	D Updated after review and set to sharp version.
2007-08-28	easaekl	Merge in testcases for FE23, FE24,FE09,CR1900,CR1841 for 13.1.6
2007-10-31	emiknym	Added testcases for 14.1.4 Revied and approved
2007-10-30	ematsha	PE2 updated with teststatus for P13B.002.
2007-12-20	easaekl	66 New TC for FE27 notification by email.
2008-01-11	edavfah	A subset of TC for FE27 performed after merge from FE27 and Mustique.
2008-04-11	qsvehel	PF2, added TC 4003014, updated 4003009.