

NPAC Release 3.1 Turn Up Test Case List

Test Case #	Test Case Description	Req.	IIS Flow	Comments/Issues
NANC 179 – TN Range notification				
NANC 179-1	SOA – Old Service Provider Personnel create a range of SVs, when Their SP SOA Customer TN Range Notification Indicator is set to TRUE. New Service Provider does not submit their create request. Initial Concurrence Window Expires. Final Concurrence Window Expires. – Success	1, 3, 4, 6, R4-8	B.5.1.2 B.5.1.6.4	subscriptionVersionRange ObjectCreation subscriptionVersionRange NewSP-CreateRequest subscriptionVersionNewSP FinalCreateWindowExpiration
NANC 179-2	SOA – New Service Provider Personnel create a range of SVs, when SP Their SOA Customer TN Range Notification Indicator is set to TRUE. Old Service Provider Personnel does not submit their create. Initial Concurrence Window Expires. Final Concurrence Window Expires. – Success	1, 3, 4, 6, R4-8	B.5.1.2., 5.1.6.2., 5.1.6.3	SubscriptionVersionRange OldSP-Concurrence Request subscriptionVersionOldSP FinalConcurrenceWindow Expiration
	SOA – Service Provider Personnel create a range of SVs. SPs have their Customer TN Range Notification Indicator set to the value they will use in production. Both Old and New Service Providers do their creates. NPAC SMS manages the notifications accordingly. – Success	2, 5, 10	B.5.1.2	subscriptionVersionObject Creation Regression Test Cases for Creating Subscription Versions for single TN: 8.1.2.1.1.1 8.1.2.1.1.16 8.1.2.1.1.18 8.1.2.1.1.30 8.1.2.1.1.31 NANC 201-1 NANC 201-5 NANC 201-9 Regression Test Cases for Creating Subscription Versions for ranges of TN: NANC 201-2 NANC 201-6 NANC 201-10
NANC 179-3	SOA – Service Provider Personnel create and activate a range of SVs, when SP SOA Their Customer TN Range Notification Indicator is set to TRUE. In the pre-requisite create process the range is submitted as two smaller ranges, each with unique DPC/SSN data but the TNs used in the ranges are contiguous and the SVIDs assigned by the NPAC SMS are contiguous, but T the activate request is submitted as one range. The activate request results in two notifications due to the unique DPC/SSN data used for each range in the create process. – Success	4, 7, 10	B.5.1.6	subscriptionVersionRange ObjectCreation subscriptionVersionRange StatusAttributeValueChange

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NANC 179-4	SOA – Service Provider Personnel activate a range of SVs. Their Customer TN Range Notification Indicator is set to TRUE. In the pre-requisite SVcreate process the range is submitted as two smaller ranges. The TNs used in the ranges are contiguous and have the same feature data. The creates are submitted without any other activity in between to ensure that the SVIDs for the TNs in the ranges are contiguous. The activate request is submitted as one range. The activate request results in one notification because the TNs and SVIDs are both contiguous and all TNs in the range have the same feature data. – Success	4, 7, 10	B.5.1.6	subscriptionVersionRange ObjectCreation subscriptionVersionRange StatusAttributeValueChange
NANC 179-5	SOA – Service Provider Personnel activate a range of SVs. Their Customer TN Range Notification Indicator is set to TRUE. In the prerequisite SV create process the range is submitted as two smaller ranges. The TNs used in the ranges are contiguous and have the same feature data but other create activities are submitted between the range create requests to ensure that the SVIDs for the TNs in the ranges are not contiguous. The activate request is submitted as one range. The activate request results in two notifications because, even though the TNs are contiguous and the feature data is the same for all TNs, the SVIDs are not contiguous. – Success	4, 7, 10	B.5.1.6	subscriptionVersionRange ObjectCreation subscriptionVersionRange StatusAttributeValueChange
NANC 179-6	SOA – Service Provider Personnel activate a range of SVs. Their Customer TN Range Notification Indicator set to TRUE. In the prerequisite SV create process the range is submitted as one range all with the same feature data. One of the LSMS has a problem creating all the TNs and responds with a M-EVENT-REPORT containing a few of the TNs from the range that it failed to create. NPAC responds to the SP with multiple notifications. - Success	4, 7, 10	B5.1.6	subscriptionVersionRange ObjectCreation subscriptionVersionRange StatusAttributeValueChange
NANC 179-5	SOA – Service Provider Personnel modify a range of active SVs, when Their SP SOA Customer TN Range Notification Indicator is set to TRUE the value they will use in production. NPAC SMS manages notifications accordingly and all modifies are successful. – Success	4, 6, 10	B.5.2.1	SubscriptionVersionStatus AttributeValueChange Regression Test Cases for Modify of active Subscription Versions: 8.1.2.2.1.23 8.1.2.2.1.30 8.1.2.2.1.31
NANC 179-6	SOA – Service Provider Personnel modify a range of pending SVs, when SP Their SOA Customer TN Range Notification Indicator is set to FALSE the value they will use in production. NPAC SMS manages notifications accordingly and all modifies are successful. – Success	2, 5, 10	B.5.2.1	SubscriptionVersionAttributeValueChange Regression Test Cases for Modify of pending Subscription Versions: 8.1.2.2.1.8 8.1.2.2.1.9

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				NANC 214-4
NANC-179-7	SOA – Both <u>Old and New Service Providers</u> do their create for a range of TNs, <u>with SP SOA Their Customer</u> TN Range Notification Indicators set to <u>TRUE</u>the value they will use in production. The <u>Old Service Provider</u> cancels the pending SVs. The <u>Cancellation Initial Concurrence Window</u> expires. The <u>Cancellation Final Concurrence Window</u> expires. NPAC SMS manages <u>notifications accordingly</u>. The status of the SVs is set to ‘<u>conflict</u>’. – Success			subscriptionVersionRange NewSP- CancellationAcknowledge Regression Test Cases for Cancellation of Subscription Versions: 8.1.2.5.1.8
NANC-179-8	SOA – <u>Service Provider</u> Personnel perform an immediate disconnect of a range of SVs, <u>when Their SP SOA Customer</u> TN Range Notification Indicator is set to <u>TRUE</u>the value they will use in production. NPAC SMS manages <u>notifications accordingly</u>. – Success	2, 4, 5, 6, 10	B.5.4.1	subscriptionVersionRange DonorSP- CustomerDisconnectDate Regression Test Cases for Disconnect of Subscription Versions: 8.1.2.3.1.4 8.1.2.3.1.5 8.1.2.3.1.6
NANC-179-10	SOA – <u>Service Provider</u> Personnel activate a single SV, <u>when Their SP SOA Customer</u> TN Range Notification Indicator is set to TRUE. <u>Even though this is a single SV activation the NPAC SMS sends the notification in the “Range” format</u>. – Success			SubscriptionVersionRange ObjectCreation Regression Test Cases for Activate of a single Subscription Versions: 8.1.2.4.1.1 8.1.2.4.1.2 8.1.2.4.1.3
	SOA – <u>Service Provider</u> Personnel cancel a range of <u>Subscription Versions</u>SVs, <u>when Their SP SOA Customer</u> TN Range Notification is set as it will be in production, – NPAC SMS manages <u>notifications accordingly</u> – Success	10		Regression Test Cases for Cancel of Subscription Versions: 8.1.2.5.1.1 8.1.2.5.1.7
NANC 179-7	SOA – <u>Service Provider</u> Personnel <u>cancel a range of SVs</u>. Their <u>Customer</u> TN Range Notification Indicator is set to TRUE. <u>In the prerequisite create process the range is submitted as two smaller ranges</u>. The TNs used in the ranges are <u>contiguous and have the same feature data</u>. The range create requests are <u>submitted without any other activity between the range create requests to ensure that the SVIDs for the TNs in the ranges are contiguous</u>. The <u>cancel request is submitted as one range</u>. The <u>cancel request results in one notification because the TNs and SVIDs are both contiguous and all TNs in the range have the same feature data</u>. – Success			
NANC 179-8	SOA – <u>Service Provider</u> Personnel <u>cancel a range of SVs</u>. Their <u>Customer</u> TN Range Notification Indicator is set to TRUE. <u>In the prerequisite create process the range is submitted as two smaller ranges</u>. The TNs used in the ranges are <u>contiguous</u>.			

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	<p><u>and have the same feature data but other create activities are submitted between the range create requests to ensure that the SVIDs for the TNs in the ranges are not contiguous. The cancel request is submitted as one range. The cancel request results in two notifications because, even though the TNs are contiguous and the feature data is the same for all TNs, the SVIDs are not contiguous. – Success</u></p>			
<p><u>NANC 179-9</u></p>	<p><u>SOA – Old Service Provider Personnel modify a range of ‘pending’ SVs to change the authorization flag from TRUE to FALSE. Their Customer TN Range Notification Indicator is set to TRUE. In the prerequisite create process the range is submitted as two smaller ranges. The TNs used in the ranges are contiguous and have the same feature data. The range create requests are submitted without any other create activity between the range create requests to ensure that the SVIDs for the TNs in the ranges are contiguous. The modify request is submitted as one range. The modify request results in one notification because the TNs and SVIDs are both contiguous and all TNs in the range have the same feature data. – Success</u></p>			
<p><u>NANC 179-10</u></p>	<p><u>SOA – Old Service Provider Personnel modify a range of ‘pending’ SVs to change the authorization flag from TRUE to FALSE. Their Customer TN Range Notification Indicator is set to TRUE. In the prerequisite create process the range is submitted as two smaller ranges. The TNs used in the ranges are contiguous and have the same feature data but other create activities are submitted between the range create requests to ensure that the SVIDs for the TNs in the ranges are not contiguous. The modify request is submitted as one range. The modify request results in two notifications because, even though the TNs are contiguous and the feature data is the same for all TNs, the SVIDs are not contiguous. – Success</u></p>			
<p><u>NANC 179-11</u></p>	<p><u>SOA – Old Service Provider Personnel modify a range of ‘conflict’ SVs to change the authorization flag from FALSE to TRUE. Their Customer TN Range Notification Indicator is set to TRUE. In the prerequisite create process the range is submitted as two smaller ranges. The TNs used in the ranges are contiguous and have the same feature data. The range create requests are submitted without any other create activity between to ensure that the SVIDs for the TNs in the ranges are contiguous. The modify request is submitted as one range. The modify request results in one notification because the TNs and SVIDs are both contiguous and all TNs in the range have the same feature data. – Success</u></p>			

Test Case #	Test Case Description	Req.	IIS Flow	Comments/Issues
NANC 179-12	SOA – Old Service Provider Personnel modify a range of ‘conflict’ SVs to change the authorization flag from FALSE to TRUE. Their Customer TN Range Notification Indicator is set to TRUE. In the prerequisite create process the range is submitted as two smaller ranges. The TNs used in the ranges are contiguous and have the same feature data but other create activities are submitted between the range create requests to ensure that the SVIDs for the TNs in the ranges are not contiguous. The modify request is submitted as one range. The modify request results in two notifications because, even though the TNs are contiguous and the feature data is the same for all TNs, the SVIDs are not contiguous. – Success			
NANC 179-13	SOA – Old Service Provider Personnel disconnect a range of SVs. Their Customer TN Range Notification Indicator is set to TRUE. In the prerequisite create process the range is submitted as two smaller ranges. The TNs used in the ranges are contiguous and have the same feature data. The range create requests are submitted without any other activity between to ensure that the SVIDs for the TNs in the ranges are contiguous. The disconnect request is submitted as one range. The disconnect request results in one notification because the TNs and SVIDs are both contiguous and all TNs in the range have the same feature data. – Success			
NANC 179-14	SOA – Old Service Provider Personnel disconnect a range of SVs. Their Customer TN Range Notification Indicator is set to TRUE. In the prerequisite create process the range is submitted as two smaller ranges. The TNs used in the ranges are contiguous and have the same feature data but other create activities are submitted between the range create requests to ensure that the SVIDs for the TNs in the ranges are not contiguous. The disconnect request is submitted as one range. The disconnect request results in two notifications because, even though the TNs are contiguous and the feature data is the same for all TNs, the SVIDs are not contiguous. – Success			
	SOA – Service Provider Personnel do a Port-To-Original for a range of ported TNs. Their Customer TN Range Notification Indicator is set to the value they will use in production. NPAC SMS manages notifications accordingly. – Success			Regression Test Cases for PTO: 8.5.5 (Part of the NPA Split test cases)
	SOA – Service Provider Personnel create a Number Pool Block. Their Customer TN Range Notification Indicator is set to the value they will use in production. NPAC SMS manages notifications accordingly. – Success			Regression Test Cases for Create of a Number Pool Block: 4.1.1 7.14 (Part of the NPA Split test cases)

Test Case #	Test Case Description	Req.	IIS Flow	Comments/Issues
				7.15 (Part of the NPA Split test cases)
	SOA – Service Provider Personnel delete a Number Pool Block. Their Customer TN Range Notification Indicator is set to the value they will use in production. NPAC SMS manages notifications accordingly. – Success			Regression Test Cases for Delete of a Number Pool Block: 7.25 (Part of the NPA Split test cases) 7.26 (Part of the NPA Split test cases)
	SOA – Service Provider Personnel port a range of TNs that are part of an active Number Pool Block. Their Customer TN Range Notification Indicator is set to the value they will use in production. NPAC SMS manages notifications accordingly. – Success			Regression Test Cases for porting TNs away from a Number Pool Block: 6.2.8
NANC 179-15	NPAC and SOA – NPAC Personnel do a mass update on several thousand SVs (around 5000) where more than 1000 of the SVs are contiguous and have the same feature data. The Service Provider has their Customer TN Range Notification Indicator to the value they will use in production. NPAC SMS manages notifications accordingly. – Success			Incorporate into Test Case
NANC 179-116	SOA – Service Provider has their SP-Customer TN Range Notification Indicator set to TRUE the value they will use in production and recovers a mixture of SV notifications for a range of TNs. range – Success	2, 3, 8, 9, RR6-29	B.7.2	
NANC 179-137	SOA – Service Provider has notifications queued. - Service Provider aborts their SOA Association is aborted. SP-SOA Service Provider changes their Customer TN Range Notification Indicator value is changed from TRUE to FALSE and recovery is attempted. – Success-			
NANC 179-148	SOA – Service Provider has notifications queued. Service Provider aborts their SOA Association is aborted. Service Provider changes their SOA-Customer TN Range Notification Indicator value is changed from FALSE to TRUE and recovery is attempted. – Success			
NANC 179-15	SOA – Service Provider has notifications in excess of the max limit queued and attempts to recover them. – Success			The following test cases are available from the test cases of previous releases but are not currently marked for regression testing: ILL 79-3 ILL 79-5 ILL 79-6 NANC 48-5
NANC 179-19	Group Test Case SOA – Service Providers set their Customer TN Range Notification Indicator set to the value they will use in production and they perform a series of			

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	activities that would emulate a period of time in an actual production environment: – creates, activates, modifies, activate of Pooled Blocks, delete of Pooled Blocks, disconnects, port of a port, etc. NPAC SMS manages notifications accordingly. – Success			
	Review the regression test cases and see if steps need to be modified to cover range notifications.			
NANC 240 – No Cancellation of SVs based on expiration of T2 timer				
NANC 240-1	SOA – Old Service Provider creates an SV,; New Service Provider does not send create,; Timers (T1 & T2) expire. The NPAC Customer No New SP Concurrence Notification Indicator is set to TRUE for both the Old and New Service Providers. The Final Create Window Expiration notification is sent to both Service Providers. SV stays in ‘pending’ status for a tunable amount of time. Verify that SV status is changed to ‘cancelled’ after tunable amount of time. – Success	1, 3, 5, 7, R4-8	B.5.1.6.4	In the test case we need to have the tunable for ‘pending’ to ‘cancelled’ set to a small value.
NANC 240-2	SOA – Old Service Provider creates an SV,; New Service Provider does not send create,; Timers (T1 & T2) expire. The NPAC Customer No New SP Concurrence Notification Indicator is set to FALSE for both the Old and New Service Providers. The Final Create Window Expiration notification is not sent to either Service Provider. SV stays in ‘pending’ status for a tunable amount of time. – Success	4, 6, R4-8	B.5.1.6.4	
NANC 240-3	SOA – Old Service Provider creates an SV,; New Service Provider does not send create,; Timers (T1 & T2) expire. The NPAC Customer No New SP Concurrence Notification Indicator is set to TRUE for the New Service Provider and to FALSE for the Old Service Provider. The Final Create Window Expiration notification is sent to the New Service Provider. SV stays in ‘pending’ status for a tunable amount. – Success	1, 4, 6, 7	B.5.1.6.4	
NANC 240-4	SOA – Old Service Provider creates an SV,; New Service Provider does not send create,; Timers (T1 & T2) expire. The NPAC Customer No New SP Concurrence Notification Indicator is set to FALSE for the New Service Provider and to TRUE for the Old Service Provider. The Final Create Window Expiration notification is sent to the Old Service Provider. SV stays in ‘pending’ status for a tunable amount of time. – Success	1, 4, 6, 7	B.5.1.6.4	
NANC 240-5	Old SP creates SV with authorization flag set to FALSE, New SP does not send create, timers (T1 & T2) expire. The NPAC Customer No New SP Concurrence Notification Indicator is set to TRUE for both the Old and New SPs. The Final Create Window Expiration notification is sent to both SPs and it contains the cause code. SV stays in	1, 2, 7	B.5.1.6.4	Need to have tunable for ‘conflict’ to ‘cancelled’ set to a small value.

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	'conflict' status. <u>Verify that the SV status is changed to 'cancelled' after tunable amount of time</u> – Success			
NANC 240-6	<u>SOA – Service Provider</u> has the No New SP Concurrence Notification Indicator set to TRUE. <u>Service Provider</u> recovers <u>subscriptionVersionNewSP-Final_Create_Window_</u> Expiration notifications during recovery. – Success	1, RR6-29	B.7.2	
NANC 240-7	<u>SOA – Service Provider</u> has the No New SP Concurrence Notification Indicator set to FALSE. <u>Service Provider</u> does not recover <u>subscriptionVersionNewSP-Final_Create_Window_</u> Expiration notifications during recovery. – Success	4, RR6-29	B.7.2	
	Look at regression test cases for modifications			
NANC 294 – Change Due Date Edit Functionality in the NPAC SMS for 7pm on Due Date Problems				
NANC 294-1	<u>SOA – Prior to 7:00PM EST, New Service Provider Personnel submit a create SV request with the due date equal to the current date.</u> Old <u>Service Provider</u> Personnel submit an SV Concurrence <u>after 7:00PM EST on the due date the next day</u> with <u>the same</u> due date <u>(GMT) as used in set to the initial creation</u> due date (GMT) provided by the new SP. – Success	1	B.5.1.3	
NANC 294-2	<u>SOA – Prior to 7:00PM EST, Old Service Provider Personnel submit a create SV request with the due date equal to the current date.</u> New <u>Service Provider</u> Personnel submit an SV Create <u>after 7:00PM EST the next day</u> with <u>the same</u> due date <u>(GMT) as used in set to the initial creation</u> due date (GMT) provided by the new SP. – Success	1	B.5.1.3	
NANC 294-3	<u>SOA – Service Provider</u> Personnel do the initial create of an SV after 7:00PM EST where the due date is the current date in local time but the next day in GMT. – Error	1, R5-18.3	B.5.1.3	
	Check regression test cases for error test cases for due date that this change order affects			
NANC 328 – Tunable for Long and Short Business Days				
NANC 328-1	<u>NPAC and SOA – NPAC</u> Personnel verify that the Long Business Days tunable is defaulted to Sunday through Saturday. NPAC Personnel modify the Long Business Days tunable to a value that does not include today. Both Old SP Port Out and New SP Port In Timers are set to short. New SP Personnel submit an SV Create. Old SP does not concur. After 1 hour the Initial Concurrence Window timer has not expired and the Old SP has not received an OldSP-Concurrence Request notification. – Success	1, 2, 3, 4	N/A	
NANC 328-2	<u>NPAC and SOA – NPAC</u> Personnel verify that the Long Business Days tunable is defaulted to Sunday through Saturday NPAC Personnel modify the Long Business Days tunable to a value that	1, 2, 3, 4	N/A	

Test Case #	Test Case Description	Req.	IIS Flow	Comments/Issues
	does not include today. Both Old SP Port Out and New SP Port In Timers are set to long. Old SP Personnel submit an SV Create. New SP does not submit his create. After 9 hours the Initial Concurrence Window timer has not expired and the New SP has not received a NewSP-Create Request notification. – Success			
NANC 328-3	NPAC and SOA – NPAC Personnel verify that the Short Business Days tunable is defaulted to Monday through Friday. NPAC Personnel set the Short Business Days tunable to a value that does not include today-. Both Old SP Port Out and New SP Port In Timers are set to short. Old SP Personnel submit an SV Create. New SP does not submit his create. After 1 hour the Initial Concurrence Window timer has not expired and the New SP has not received a NewSP-Create Request notification. – Success	5, 6, 7, 8	N/A	
NANC 328-4	NPAC and SOA – NPAC Personnel verify that the Short Business Days tunable is defaulted to Monday through Friday . NPAC Personnel set the Long Short Business Days tunable to a value that does not include today. Both Old SP Port Out and New SP Port In Timers are set to long. New SP Personnel submit an SV Create. Old SP does not concur. After 9 hours the Initial Concurrence Window timer has not expired and the New SP has not received an NewSP-Create Request notification. – Success	5, 6, 7, 8	N/A	
	Check regression test cases for needed modifications with regard to business days/timers.			
NANC 329 – Prioritization for SOA Notifications				
NANC 329-1	NPAC Personnel verify the SOA Notification Priority tunable default values for a specific Service Provider are set to MEDIUM-. Service Provider Personnel requests NPAC Personnel to modify one several of his SOA Notification Priority tunable values to NONE then perform an activities that would normally result in the NPAC SMS generating the notifications that has have been given the priorities of NONE. Service Provider verifies that he does not receive a notifications. Will need to check everything in the table – Success	1, 2, 3, 4, 5, 6, 7, R4-8		
	Review tunables and add tests cases for the most frequently used notifications (possible 120. be reasonable)			
NANC 329-2	Service Provider Personnel send a large number of requests to the NPAC that would result in the NPAC SMS generating notifications with multiple	3.5, 8		

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	<p>priorities for the Service Provider. Service Provider Personnel verify that they received the notifications in order of priority. This should cover notifications that have different priorities based on Old and New SP <u>and all three priority classifications. – Success</u></p>			
NANC 329-3	<p>Service Provider Personnel send a large number of requests to the NPAC that would result in the NPAC SMS generating notifications with multiple priorities for the Service Provider then abort their association before receiving the notifications. After sufficient time has passed for the NPAC SMS to generate all the notifications resulting from the Service Provider’s requests the Service Provider re-associates to the NPAC and recovers the missed notifications. Service Provider Personnel verify that they recovered the notifications in order of priority and in the correct format. – <u>Success</u></p>	5.5, RR6-30		
<u>NANC 329-4</u>	<p><u>Group Test Case</u> <u>SPs modify their notification priorities to ensure that they all have notifications with the three priorities and that the priority one SP gives a particular notification is different that the priority given the same notification by another SP. Each SP performs a series of activities that will generate a good mixture of notifications. The SPs verify that they receive the notifications according to the priorities listed in their SP Profile. – Success</u></p>			
	<p>Evaluate the above test cases and determine if it would make more sense to have more, less complicated test cases. Think about all the notifications that have to be tested.</p>			
	<p>Look at Req 6 and add something more explicit. See note in #2 above</p>			