Change Order Number: NANC 204

IMPACT/CHANGE ASSESSMENT

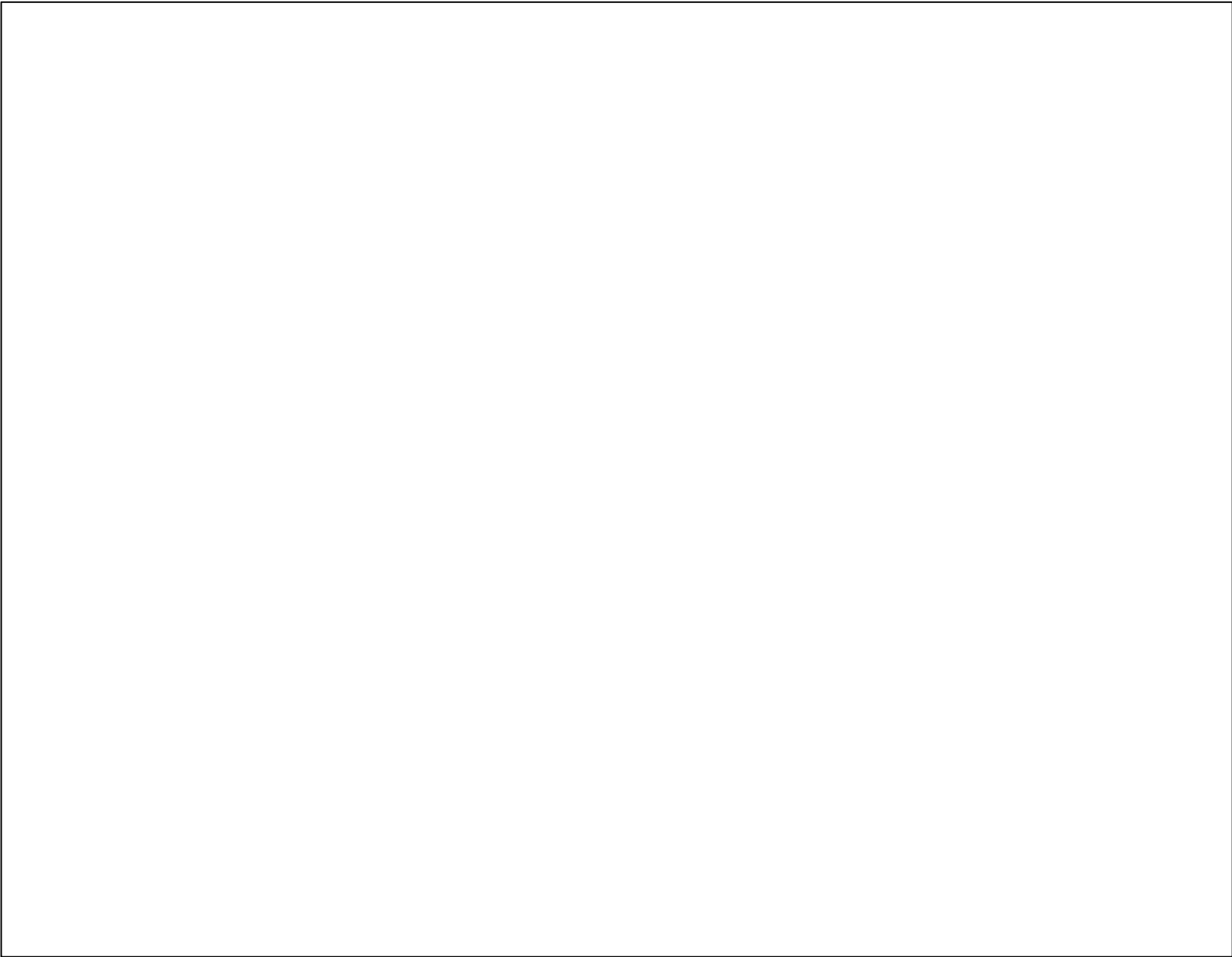| FRS	IIS	ASN.1	GDMO		1 SOA	LSMS
Y	Y	Y	Y	Y	Y	N

Inter Service Provider Communication Process

Subscriber Name, Address, City, State, Zip have been requested as information to be exchanged between old and new SP's when creating a pending port. This information originates from the new service provider only. This data would not remain in the NPAC SMS after the port has been activated or cancelled. Data would be needed in the Create Subscription Version Initial Concurrence Window (T1 Timer), Create Subscription Version Final Concurrence Window (T2 Timer), and object creation notifications to service providers that support Inter Service Provider processing. It is believed at this time that the address information definition in the NANC IIS for the NPAC SMS customer contact data is sufficient for wireless use. The current definition is as follows:

Field	Size/Type
Name	40 character
Address Line 1	40 character
Address Line 2	40 character
City	20 character
State	2 character
Zip	9 character
Country	20 character
Province	2 character

NOTE: The NPAC Vendor must provide performance impact information for this change order at the time of sizing.

Process Flow

The process flow for "Subscriber Name and Address Mismatch" is shown on the diagram on the next page.

FRS Requirements

Key points for requirements written below are as follows:

1. Only the new Service Provider can specify ~~customer information~~subscriber name and address on a create message.
2. Only the new Service Provider can modify the ~~customer information~~subscriber name and address prior to concurrence by the old Service Provider. An attribute value change notification will be emitted to the old and new service provider when the subscriber name and address is modified.

   ~~Issue: Can the new Service Provider modify customer information or should it be prevented? It was consensus that modification of the subscription version by the new service provider should be prevented by the NPAC SMS after concurrence by the old service provider occurs.   The question remains as to whether the information should be allowed to be modified at all.~~

3. The ~~customer information~~subscriber name and address can only be queried (or read) by the old and new service provider prior to activation or approximately two days (between 48 and 72 hours, depending on the time of execution of the cancellation purge job on the NPAC SMS and the time the subscription was cancelled) after cancellation of the subscription version (i.e., when the subscription version is in a "pending" state).   This data will not be present on the subscription version after activation or approximately two days after cancellation (once the cancellation purge job is executed on the NPAC SMS).

   ~~Issue: Should customer information be viewable in cancelled state by old and new SP? Should information be purged after due date + 1 day? One idea would be to have the Subscription Version go into cancel pending and allow it to remain there for due date + 1 day before cancellation.~~

4. For backward compatibility, the Service Provider profile will have to have an indicator on whether or not the service provider, as the old service provider, supports receipt of ~~customer information~~subscriber name and address.
5. If the old service provider does not support receipt of ~~customer information~~subscriber name and address in the subscription version create from, the NPAC SMS will reject the new service provider subscription version create containing ~~customer information~~subscriber name and address.
6. If an old Service Provider supports ~~customer information~~subscriber name and address then the data would be present on the initial object creation notification sent to the old service provider if the new service provider provided ~~customer information~~subscriber name and address.
7. If an old Service Provider supports ~~customer information~~subscriber name and address then the data would be present on the T1 notification (i.e. the first request for concurrence) sent to the old service provider if the new service provider provided ~~customer information~~subscriber name and address.
8. If an old Service Provider supports ~~customer information~~subscriber name and address then the data would be present on the T2 notification (i.e. the final request for concurrence) sent to the old service provider if the new service provider provided ~~customer information~~subscriber name and address

9. If the old Service Provider does not agree with the ~~customer information~~subscriber name and address specified by the new Service Provider then they can send a subscription version cancellation for FOC/LSR mismatch. This would cause the subscription version to be cancelled and a cause code to be set as specified by the old service provider.
10. The only cause codes that can be sent with a subscription version cancellation for FOC/LSR mismatch are cause codes specifically defined for that purpose. These FOC/LSR mismatch cause codes can not be used in existing conflict processing and vise versa.
11. Existing conflict processing can occur at any point for a subscription version with ~~customer information~~subscriber name and address specified.

Inter-Service Provider Processing for ~~Customer Information~~Subscriber name and address Mismatch

The following is a process flow for~~proposed for discussion purposes for handling of situations were customer information~~subscriber name and address mismatch were data provided by the new service provider is not as expected by the old service provider.

1. The new service provider creates a subscription version with ~~customer information~~subscriber name and address specified.
2. The old service provider determines that the ~~customer information~~subscriber name and address does not match what is expected and proceeds to step 3 or step 6 otherwise proceed to step 9.
3. The old service provider may contact the new service provider to have them modify the subscriber name and address.
4. The New Service Provider may modify the subscriber name and address. If the subscriber name and address is modified an attribute value change notification is sent to for the subscriber name and address.
5. If the old service provider is satisfied proceed to step 9 or if the modification did not occur or the old service provider is not satisfied the old service provider could proceed to step 3 or step 6.
6. The old service provider ~~issues~~cancels the~~a~~ subscription version ~~cancellation~~ for ~~FOC/LSR~~subscription version name and address mismatch specifying a cause code such as "address mismatch".
~~The subscription version is cancelled and the cause code specified by the old service provider is specified in the subscription version.~~
7. The new service provider ~~must~~may contact the old service provider to discuss the conflict before issuing another subscription version create for the TN that was cancelled.
8. The old service provider may optionally contact the new service provider after cancellation of the subscription version for ~~FOC/LSR~~subscription version name and address mismatch.
9. Porting can proceed as usual with a new subscription version if cancellation has occurred or with the existing subscription version.

Requirement 1 – Input of Subscription Version ~~Customer Information~~Subscriber name and address

NPAC SMS shall support the input of subscription version ~~customer information~~subscriber name and address used for inter-service provider communication only from the new service provider.

Requirement 2.1 – Modification of Subscription Version ~~Customer Information~~Subscriber name and address

NPAC SMS shall support the modification of subscription version ~~customer information~~subscriber name and address used for inter-service provider communication only by the new service provider prior to old service provider concurrence.

Requirement 2.2 – Modification of Subscription Version Subscriber name and address – Error

NPAC SMS shall reject a modification of a subscription version subscriber name and address used for inter-service provider communication by the new service provider after old service provider concurrence.

Requirement 2.3 – Modification of Subscription Version Subscriber name and address – Service Provider Notification

NPAC SMS shall send the subscription version subscriber name and address to the old and new service provider supporting inter-service provider communication in the attribute value change notification that occurs when the new service provider modifies the subscriber name and address.

Requirement 3 – Query Support of Subscription Version ~~Customer Information~~Subscriber name and address

NPAC SMS shall support the query by the old and new service provider of subscription version ~~customer information~~subscriber name and address used for inter-service provider communication prior to subscription version activation or approximately two days after cancellation (between 48 and 72 hours, depending on the time of execution of the cancellation purge job on the NPAC SMS and the time the subscription was cancelled). Note: The subscription version ~~customer information~~subscriber name and address can not be queried after activation or approximately two days after cancellation.

Assumption 1 – Unique Wireless and Wireline Service Provider Ids.

Service providers supporting wireless porting will have unique wireless and wireline Service Provider Ids. One service provider id can not support both wireless and wireline porting activity if wireless and wireline support for FOC/LSR is different.

Requirement 4 – Service Provider Profile – ~~Customer Information~~Subscriber name and address Acceptance Indicator

NPAC SMS shall support an indicator in the service provider profile as to whether or not the service provider, as the old service provider, supports the receipt over the SOA to NPAC SMS interface of subscription version ~~customer information~~subscriber name and address for inter-service provider communication.

Requirement 5 – Service Provider Profile - ~~Customer Information~~Subscriber name and address Acceptance Indicator Default

NPAC SMS shall default to false (not supported) the indicator in the service provider profile as to whether or not the service provider, as the old service provider, supports the receipt over the SOA to NPAC SMS

interface of subscription version ~~customer information~~subscriber name and address for inter-service provider communication.

Requirement 6 – ~~Customer Information~~Subscriber name and address in Old Service provider Creation Notification

NPAC SMS shall send the subscription version ~~customer information~~subscriber name and address to the old service provider supporting inter-service provider communication ~~on~~ in the creation ~~notice sent~~notice sent ~~when the subscription version is sent to pending~~upon initial subscription version creation.

Requirement 7 – ~~Customer Information~~Subscriber name and address in Old Service Provider Initial Concurrence Notification

NPAC SMS shall send the subscription version ~~customer information~~subscriber name and address to the old service provider supporting inter-service provider communication in the notification that occurs when the initial concurrence window expires.

Requirement 8 – ~~Customer Information~~Subscriber name and address in Old Service Provider Final Concurrence Notification

NPAC SMS shall send the subscription version ~~customer information~~subscriber name and address to the old service provider supporting inter-service provider communication in the notification that occurs when the final concurrence window expires.

Requirement 9 – Rejection of New Service Provider Create for ~~Customer Information~~Subscriber name and address

NPAC SMS shall reject the subscription version create message from the new service provider containing ~~customer information~~subscriber name and address if the old service provider does not support inter-service provider communication.

Requirement 10 – Cancellation of Pending Subscription for ~~Inter-Service Provider Information~~Subscriber name and address

NPAC SMS shall allow the old service provider to cancel a pending subscription version for a ~~customer information~~subscriber name and address mismatch if they have not concurred to the subscription version containing ~~customer information~~subscriber name and address.

Note: Cancellation can occur for other reasons using the existing cancellation process defined.

Requirement 11 – Cancellation of Pending Subscription for ~~Inter-Service Provider Information~~Subscriber name and address - Setting of the Cause Code

NPAC SMS shall allow upon cancellation of a pending subscription version that contains ~~customer information~~subscriber name and address that the old service provider does not concur with set the cause to the value specified by the ~~new~~ old service provider and set the subscription version status to cancel.

~~Note: Currently an order can only be put into conflict one time. If the order is put into conflict during FOC/LSR processing it can not be put into conflict again for another reason.~~

Requirement 12 - SOA to NPAC SMS Cancellation of Pending Subscription Version ~~for Inter Service Provider Information~~Subscriber Name and Address Mismatch via an NPAC SOA Low-tech Interface

NPAC SMS shall support cancellation of Subscription Versions by the old service provider for ~~inter-service provider information~~subscriber name and address mismatch via a secure, NPAC SOA Low-tech Interface.

Section 3 Modifications

In the subscription version data model in section 3, a new cause code value will be
added as follows:

The following cause codes can only be used for Cancellation of a subscription version that contains
~~customer information~~subscriber name and address that the old service provider does not concur with.
These cause codes are only valid for this type of cancellation and can not be used for any other processing.

Name Mismatch   - 1000~~80~~
Address Mismatch - 1001~~81~~
Name and Address Mismatch - 1002~~Others??~~

The service provider profile would be updated in Table 3-2 as follows to add:

NPAC New Functionality Support	M	√	Each bit in the mask represents a Boolean indicator is set to true if a service provider does NOT support the functionality defined below. This bit mask is used to support backward compatibility. • Subscriber Name and Address Acceptance Indicator – True if the SOA supports Subscriber Name and Address over the interface.
• Subscriber Name and Address Acceptance Indicator	B	√	A Boolean that indicates whether the Service Provider supports the Subscriber Name and Address data during the Subscription Version Create. The default value is False.

IIS Modifications

The table in Appendix A "Errors" of the IIS, exhibit 18, would have the following added.

~~invalidArgument Value~~accessDenied	Subscription Version Management	~~Customer information~~SubscriptionNameAndAddress attribute has been specified by the new service provider when the old service provider does not support ~~customer~~ subscriber name and address information.
AccessDenied	Subscription Version Management	The new service provider attempts to modify the subscription name and address after the old service provider has concurred to the subscription version port.

GDMO Modifications

```
-- -- 8.0 LNP Log Record for the Subscription Version Old SP Concurrence
Request
```

```
--      Notification

lnpLogOldSP-ConcurrenceRequestRecord MANAGED OBJECT CLASS
    DERIVED FROM "CCITT Rec. X.721 (1992) | ISO/IEC 10165-2 :
1992":eventLogRecord;
    CHARACTERIZED BY
        lnpLogOldSP-ConcurrenceRequestPkg;
    CONDITIONAL PACKAGES
    subscriptionCustomerInformationPkg subscriptionNameAndAddressPkg PRESENT IF
        !the new service provider has provided customer informationsubscriber
name and address!;
    REGISTERED AS {LNP-OIDS.lnp-objectClass 8};

lnpLogOldSP-ConcurrenceRequestPkg PACKAGE
    BEHAVIOUR
        lnpLogOldSP-ConcurrenceRequestDefinition,
        lnpLogOldSP-ConcurrenceRequestBehavior;
    ATTRIBUTES
        subscriptionTN GET,
        subscriptionVersionId GET,
        subscriptionNewCurrentSP GET,
        subscriptionNewSP-DueDate GET,
        subscriptionNewSP-CreationTimeStamp GET,
        accessControl GET;
    ;

lnpLogOldSP-ConcurrenceRequestDefinition BEHAVIOUR
    DEFINED AS !
        The lnpLogOldSP-ConcurrenceRequestRecord class is the managed
        object that is used to create log records for the
        subscriptionVersionOldSP-ConcurrenceRequest Notification.
    !;

lnpLogOldSP-ConcurrenceRequestBehavior BEHAVIOUR
    DEFINED AS !
        This log record can be used by any CME wanting to log the
        subscriptionVersionOldSP-ConcurrenceRequest Notification.
    !;
-- 21.0 LNP NPAC Subscription Version Managed Object Class

subscriptionVersionNPAC MANAGED OBJECT CLASS
    DERIVED FROM subscriptionVersion;
    CHARACTERIZED BY
        subscriptionVersionNPAC-Pkg;
    CONDITIONAL PACKAGES
    subscriptionCustomerInformationsubscriptionNameAndAddressPkg PRESENT IF
        !the new service provider has provided customer informationsubscriber
name and address and
           the subscription version has not yet been activated or is between 48
           to 72 business hours after cancellationcancelled!;
    REGISTERED AS {LNP-OIDS.lnp-objectClass 21};

subscriptionVersionNPAC-Pkg PACKAGE
    BEHAVIOUR
        subscriptionVersionNPAC-Definition,
        subscriptionVersionNPAC-Behavior;
    ATTRIBUTES
        subscriptionVersionStatus GET-REPLACE,
        subscriptionOldSP GET-REPLACE,
        subscriptionNewSP-DueDate GET-REPLACE,
        subscriptionNewSP-CreationTimeStamp GET-REPLACE,
        subscriptionOldSP-DueDate GET-REPLACE,
        subscriptionOldSP-Authorization GET-REPLACE,
        subscriptionStatusChangeCauseCode GET-REPLACE,
```

```
                subscriptionOldSP-AuthorizationTimeStamp GET-REPLACE,
                subscriptionBroadcastTimeStamp GET-REPLACE,
                subscriptionConflictTimeStamp GET-REPLACE,
                subscriptionCustomerDisconnectDate GET-REPLACE,
                subscriptionEffectiveReleaseDate GET-REPLACE,
                subscriptionDisconnectCompleteTimeStamp GET-REPLACE,
                subscriptionCancellationTimeStamp GET-REPLACE,
                subscriptionCreationTimeStamp GET-REPLACE,
                subscriptionFailed-SP-List GET-REPLACE,
                subscriptionModifiedTimeStamp GET-REPLACE,
                subscriptionOldTimeStamp GET-REPLACE,
                subscriptionOldSP-CancellationTimeStamp GET-REPLACE,
                subscriptionNewSP-CancellationTimeStamp GET-REPLACE,
                subscriptionOldSP-ConflictResolutionTimeStamp GET-REPLACE,
                subscriptionNewSP-ConflictResolutionTimeStamp GET-REPLACE,
                subscriptionPortingToOriginal-SPSwitch GET-REPLACE,
                subscriptionPreCancellationStatus GET-REPLACE;

        NOTIFICATIONS
                subscriptionVersionOldSP-ConcurrenceRequest,
                subscriptionVersionNewSP-CreateRequest,
                subscriptionVersionOldSPFinalConcurrenceWindowExpiration,
                subscriptionVersionNewNPA-NXX,
                subscriptionVersionCancellationAcknowledgeRequest,
                subscriptionVersionDonorSP-CustomerDisconnectDate,
                subscriptionVersionStatusAttributeValueChange,
                "CCITT Rec. X.721 (1992) | ISO/IEC 10165-2 :
1992":attributeValueChange
                        accessControlParameter,
                "CCITT Rec. X.721 (1992) | ISO/IEC 10165-2 : 1992":objectCreation
                        accessControlParameter;
        ;

subscriptionVersionNPAC-Definition BEHAVIOUR
        DEFINED AS !
                The subscriptionVersionNPAC class is the managed object
                that represents a subscription version on the NPAC SMS.
        !;
…

-- 26.0 LNP Log Record for the Subscription Version Final Concurrence
-- Timer Expiration

lnpLogOldSPFinalConcurrenceWindowExpirationRecord MANAGED OBJECT CLASS
        DERIVED FROM "CCITT Rec. X.721 (1992) | ISO/IEC 10165-2 :
1992":eventLogRecord;
        CHARACTERIZED BY
                lnpLogOldSPFinalConcurrenceWindowExpirationPkg;
        CONDITIONAL PACKAGES
        subscriptionCustomerInformationsubscriptionNameAndAddressPkg PRESENT IF
                !the new service provider has provided customer informationsubscriber
name and address!;
        REGISTERED AS {LNP-OIDS.lnp-objectClass 26};

lnpLogOldSPFinalConcurrenceWindowExpirationPkg PACKAGE
        BEHAVIOUR
                lnpLogOldSPFinalConcurrenceWindowExpirationDefinition,
                lnpLogOldSPFinalConcurrenceWindowExpirationBehavior;
        ATTRIBUTES
                subscriptionTN GET,
                subscriptionVersionId GET,
                accessControl GET;
        ;
```

```
lnpLogOldSPFinalConcurrenceWindowExpirationDefinition BEHAVIOUR
    DEFINED AS !
        The lnpLogOldSPFinalConcurrenceWindowExpirationRecord class is
        the managed object that is used to create log records for the
        subscriptionVersionOldSPFinalConcurrenceWindowExpiration
        Notification.
    !;

lnpLogOldSPFinalConcurrenceWindowExpirationBehavior BEHAVIOUR
    DEFINED AS !
        This log record can be used by any CME wanting to log the
        subscriptionVersionOldSPFinalConcurrenceWindowExpiration
        Notification.
    !;
```

-- ??.0 LNP Subscription ~~Customer Information~~<ins>Subscriber name and address</ins> Package

~~subscriptionCustomerInformation~~<ins>subscriptionNameAndAddress</ins>Pkg PACKAGE
    BEHAVIOUR
~~subscriptionCustomerInformation~~<ins>subscriptionNameAndAddress</ins>PkgBehavior;
    ATTRIBUTES
        ~~subscriptionCustomerInformation~~<ins>subscriptionNameAndAddress</ins> GET-REPLACE;
    REGISTERED AS {LNP-OIDS.lnp-package ??};

~~subscriptionCustomerInformation~~<ins>subscriptionNameAndAddress</ins>PkgBehavior BEHAVIOUR
    DEFINED AS !
        This package provides for conditionally including the
        ~~subscriptionCustomerInformation~~<ins>subscriptionNameAndAddress</ins> attribute.
    !;

-- ??.0 LNP Subscription Version ~~Customer Information~~<ins>Subscriber name and address</ins>

~~subscriptionCustomerInformation~~<ins>subscriptionNameAndAddress</ins> ATTRIBUTE
    WITH ATTRIBUTE SYNTAX LNP-ASN1.AddressInformation;
    MATCHES FOR EQUALITY;
    BEHAVIOUR ~~subscriptionCustomerInformation~~<ins>subscriptionNameAndAddress</ins>Behavior;
    REGISTERED AS {LNP-OIDS.lnp-attribute ??};

~~subscriptionCustomerInformation~~<ins>subscriptionNameAndAddress</ins>Behavior BEHAVIOUR
    DEFINED AS !
        This attribute is used to specify the ~~customer add~~<ins>subscriber name and address</ins> information
<ins>add</ins>ress information
        for inter-service provider communication.
    !;

```
7.0 LNP Subscription Version Modify Action
…
subscriptionVersionModifyBehavior BEHAVIOUR
    DEFINED AS !
        Preconditions: This action is issued from an lnpSubscriptions
        object specifying the object to be modified by either
        the subscriptionVersionId, the subscriptionTN or a range of TNs and
        optionally the status of the subscription version.  All attribute
        values to be modified shall also be specified.

        Postconditions: The service provider has modified the subscription
        version.  An error will be returned to the service provider if
        there is no version that is modifiable or if the modification fails
        due to authorization of the service provider or data validation.

        Service Providers can modify attributes associated with active,
        pending or conflict subscription versions.
```

Old service providers can only modify the following attributes
for pending, cancel-pending, or conflict subscription versions:

subscriptionOldSP-DueDate
subscriptionOldSP-Authorization
subscriptionStatusChangeCauseCode

The subscriptionStatusChangeCauseCode is an optional field and is
only specified if the subscriptionOldSP-Authorization is false.

New service providers can only modify the following attributes
for pending, cancel-pending, or conflict subscription versions:

subscriptionLRN
subscriptionNewSP-DueDate
subscriptionCLASS-DPC
subscriptionCLASS-SSN
subscriptionLIDB-DPC
subscriptionLIDB-SSN
subscriptionCNAM-DPC
subscriptionCNAM-SSN
subscriptionISVM-DPC
subscriptionISVM-SSN
subscriptionEndUserLocationValue
subscriptionEndUserLocationType
subscriptionBillingId
~~subscriptionCustomerInformation~~subscriptionNameAndAddress

Validation will be done for both old and new service provider
data that is specified for pending, cancel-pending, or conflict
subscription versions.

If validation fails no changes will be made and an error
will be returned. If validation passes, the version will be
modified and remain in a pending or active state.

New service providers can only modify the following attributes
for active subscription versions:

subscriptionLRN
subscriptionCLASS-DPC
subscriptionCLASS-SSN
subscriptionLIDB-DPC
subscriptionLIDB-SSN
subscriptionCNAM-DPC
subscriptionCNAM-SSN
subscriptionISVM-DPC
subscriptionISVM-SSN
subscriptionEndUserLocationValue
subscriptionEndUserLocationType
subscriptionBillingId

If the data specified passes validation, the modified version
is immediately activated. The modified subscription version will have
a status of sending and broadcasts will begin. If validation fails,
no changes will be made and an error will be returned in the action
reply.

**The ~~subscriptionCustomerInformation~~subscriptionNameAndAddress field
would only be modifiable in
requests that are initiated by the new service providers prior to
old service provider concurrence or**

```
         ~~to the~~ subscription version activation
         or cancellation.
     !;


    -- 10.0 LNP Subscription Version Old SP Concurrence Request Notification

    subscriptionVersionOldSP-ConcurrenceRequest NOTIFICATION
        BEHAVIOUR  subscriptionVersionOldSP-ConcurrenceRequestBehavior;
        WITH INFORMATION SYNTAX LNP-ASN1.VersionOldSP-ConcurrenceRequest
        AND ATTRIBUTE IDS
            tn subscriptionTN,
            version-id subscriptionVersionId,
            service-prov-id subscriptionNewCurrentSP,
            service-prov-due-date subscriptionNewSP-DueDate,
            service-prov-authorization-creation-time-stamp
                subscriptionNewSP-CreationTimeStamp,
            access-control accessControl,
            subscription-~~customer-information~~subscriber-name-address
    ~~subscriptionCustomerInformation~~subscriptionNameAndAddress;
    REGISTERED AS {LNP-OIDS.lnp-notification 10};

    subscriptionVersionOldSP-ConcurrenceRequestBehavior BEHAVIOUR
        DEFINED AS !
            This notification requests that a old service provider send
            a create request for a subscription version for which
            concurrence for porting the number has not been received.
            The TN, the version id, and the new service provider id,
            authorization flag and creation timestamp values are sent. If
            the old service provider supports Inter Service Provider
            communication processing, ~~customer~~ subscriber name and address
    information will
            be sent.
        !;

    -- 12.0 LNP Subscription Version Final Concurrence Timer Expiration
    --      Notification

    subscriptionVersionOldSPFinalConcurrenceWindowExpiration NOTIFICATION
        BEHAVIOUR
    subscriptionVersionOldSPFinalConcurrenceWindowExpirationBehavior;
        WITH INFORMATION SYNTAX
            LNP-ASN1.VersionOldSPFinalConcurrenceWindowExpiration
        AND ATTRIBUTE IDS
            tn subscriptionTN,
            version-id subscriptionVersionId,
            access-control accessControl,
            subscription-~~customer-information~~subscriber-name-address
    ~~subscriptionCustomerInformation~~subscriptionNameAndAddress;
        REGISTERED AS {LNP-OIDS.lnp-notification 12};

    subscriptionVersionOldSPFinalConcurrenceWindowExpirationBehavior BEHAVIOUR
        DEFINED AS !
            This notification will be sent by the NPAC SMS upon expiration of
            the Final Concurrence Timer to the old service provider via the SOA
            to NPAC SMS interface to inform them of the timer expiration. If
            the old service provider supports Inter Service Provider communication
            processing, ~~customer~~ subscriber name and address information will be
    sent.
        !;

    -- ??.0 LNP Subscription Version Subscriber Name and Address Cancel Action
```

~~subscriptionVersionInterServiceProviderCancel~~ **subscriptionVersionSubscriberNameAndAddressCancel ACTION**
    BEHAVIOUR

subscriptionVersion~~InterServiceProvider~~SubscriberNameAndAddressCancelDefinition,

subscriptionVersion~~InterServiceProvider~~SubscriberNameAndAddressCancelBehavior;
    MODE CONFIRMED;
    WITH INFORMATION SYNTAX LNP-ASN1.~~InterSP~~SubscriberNameAndAddressCancelAction;
    WITH REPLY SYNTAX LNP-ASN1.CancelReply;
    REGISTERED AS {LNP-OIDS.lnp-action 4};

subscriptionVersion~~InterServiceProvider~~SubscriberNameAndAddressCancelDefinition
BEHAVIOUR
    DEFINED AS !
        The
subscriptionVersion~~InterServiceProvider~~SubscriberNameAndAddressCancel action is
        the action that can be used by the old service provider SOA
        to cancel a subscription version via the SOA to NPAC SMS
        interface for subscriber name and address mismatch.
    !;

subscriptionVersion~~InterServiceProvider~~SubscriberNameAndAddressCancelBehavior
BEHAVIOUR
    DEFINED AS !
        Preconditions: This action is issued from an lnpSubscriptions
        object specifying the object or objects to be canceled by either
        the subscriptionVersionId, the subscriptionTN or a range of TNs
        and the cause code for cancellation. Note: Only cause codes
        specified as valid for this action can be used. Valid
        values are as follows:

        Name Mismatch   - 1000
        Address Mismatch   - 1001
        Name and Address Mismatch - 1002
        ~~Name Mismatch   - 80~~
        ~~Address Mismatch - 81~~

        The subscription version(s) must be in a pending state,
~~customer~~subscriber
        ~~information~~ name and address must have been specified by the new service
        provider, and the old service provider must not have concurred.

        This action can only be sent by the old service provider.

        Postconditions: The NPAC SMS has set the version status
        to cancel in the subscription version and the cause code is
        set to as specified by the ~~new~~ old service provider. An error
        will be returned to the service provider if there
        is no version that can be canceled or if the cancellation
        fails due to authorization of the service provider.
    !;

ASN.1 Modifications


```
ModifyAction::= SEQUENCE {
     subscription-version-action [0] EXPLICIT SubscriptionVersionAction,
     version-status [1] VersionStatus OPTIONAL,
     data-to-modify [2] SubscriptionModifyData,
```

```
        subscription-customer-informationsubscriber-name-address AddressInformation
 OPTIONAL
 }

 VersionCreateConcurrenceRequest ::= SEQUENCE {
      tn PhoneNumber,
      version-id LnpKey,
      service-prov-id ServiceProvId,
      service-prov-due-date GeneralizedTime,
      service-prov-authorization-creation-time-stamp GeneralizedTime,
      access-control LnpAccessControl,
      subscription-customer-informationsubscriber-name-address AddressInformation
 OPTIONAL
 }


 VersionOldSPFinalConcurrenceWindowExpiration ::= SEQUENCE {
      tn PhoneNumber,
      version-id LnpKey,
      access-control LnpAccessControl,
      subscription-customer-informationsubscriber-name-address AddressInformation
 OPTIONAL
 }

 InterSP SubscriberNameAndAddressCancelAction ::= SEQUENCE {
       Subscription-version-TN CHOICE {
        subscription-version-action-key [0] EXPLICIT
                    SubscriptionVersionActionKey,
        subscription-version-tn-range [1] TN-Range,
      }
       subscription-version-cause-code [2] SubscriptionStatusChangeCauseCode
 }
```