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SPECIFICATIONS

SMS/800 MGI Industry Test Plan

SR-4592 Addendum

Issue 19

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Revision History

| Revision History | | |
|------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date | Version | Description |
| November 2016 | Issue 19 | <p>The UNS-RCH feature is introduced in SMS800 Release 23.0.3. Prior to this release, the UNS-RCH notification is not received by the old Resp Org when the MGI user makes a Resp Org Change. Base on the change, UNS-RCH message is received by new or/and old Resp Org when Resp Org Change is made by a MGI user depending on the new and old Resp Org's GUN screen setup.</p> <ul style="list-style-type: none"> 1. If only the new Resp Org's GUN is set to Y, only the new Resp Org will receive the UNS-RCH message. 2. If only the old Resp Org's GUN is set to Y, only the old Resp Org will receive the UNS-RCH message. 3. If both the new and the old Resp Orgs' GUN are set to Y, both new and old Resp Orgs will receive the UNS-RCH message. 4. If both the new and the old Resp Orgs' GUN are set to N or blank, neither the new nor the old Resp Orgs will receive the UNS-RCH message. <p>Test Cases #384 through #390, and Test Case #425, and Test Case #435 are changed accordingly.</p> |

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SMS/800 MGI Industry Test Plan

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1. INTRODUCTION

This document is an addendum to document number **SR-4592** titled "**SMS/800 Mechanized Generic Interface (MGI) Specification**". This addendum documents the MGI Industry Test Specification (also referred to as the MGI Interface Test Plan) that will be used by Somos Inc's software vendor (Software Support) when conducting tests with Resp Orgs that use MGI.

Tests performed by Software Support will use the SMS/800 lab-to-lab environment for new Resp Orgs' MGI client applications, followed by using the Delta Test (DT) environment for testing new and existing Resp Orgs' MGI client applications.

Note: This document version replaces all previous issues of this document.

The SMS/800 Mechanized Generic Interface (MGI), at the application level, facilitates the transfer of number administration and customer record administration data between SMS/800 and other Operations Systems (OSs) residing in Telcordia Client Companies (BCCs), Local Exchange Carriers (LECs) and Inter-Exchange Carriers (ICs), in order to support the various operations functions performed by SMS/800. The interface is a two-way message interface in the sense that data will flow to and from an OS. The messages have been designed to permit a single generic interface to operate with all companies' 800 service related OSs. Before an OS can use this interface, the OS must be tested thoroughly to confirm data communication integrity. This Special Report documents test cases for the SMS/800 Mechanized Generic Interface intersystem testing. Test cases will use the industry standard high speed Transmission Control Protocol (TCP) and the Internet Protocol (IP) (referred to as TCP/IP). The TCP/IP protocol provides users the opportunity to use this defacto industry standard telecommunications protocol for their interface between their MGI TCP/IP OSs and the SMS/800 system.

The interface testing consists of three test phases: User Application Layer (UAL) Testing, User Program Layer (UPL) Testing and Volume Testing.

2. TEST ENVIRONMENT

For TCP/IP, logical channel assignments are not required, but may be used by an OS for message management purposes.

In addition to the Non-Negotiable UAL parameters documented in Reference [1], other non-Negotiable UAL parameters for the intersystem test are as follows:

- a. Maximum UAL segment size is 4096 bytes (including UAL header).
- b. UAL header Version Number is '9'.
- c. The SMS/800's Node ID is 'SMS'.

d. The Route ID of the response command "RSP-TEST" test message is "TRA".

The negotiable UAL parameters proposed for the intersystem test are as follows:

- a. UAL site-to-site confirmation retry count is 1.
- b. UAL site-to-site confirmation time-out period is 45 seconds.
- c. UAL application confirmation time-out period is 90 seconds.

3. TEST PHASES

3.1 UAL TEST PHASE

The objective of UAL testing is to confirm basic sanity of the UAL implementation before proceeding with other intersystem tests. This test should detect any inconsistency or misinterpretation of the UAL specification. This test is intended to verify the UAL header format, proper initialization, message segmentation/reconstruction and proper UAL level message confirmation. Error handling and time out processing will also be part of the UAL test.

The detailed test cases for the intersystem UAL test can be found in Section 5 of this Special Report. There are three categories of test cases:

1. UAL State Diagram Test
2. Data Transfer Test (UAL Data-Transfer-State only)
3. Queueing and Dequeueing Tests.

Usually, the UAL State Diagram Test and Data Transfer Test cases do not need to be performed in any particular sequence. However, the UAL must be in Data-Transfer-State for the Data Transfer Test cases. Within each test category, the test cases need not be performed in any sequence. However, the test cases in each category are ordered from simple ones to sophisticated ones.

The UAL State Diagram Test and Data Transfer Test cases should be performed from both the SMS/800 side to the OS side and the OS side to the SMS/800 side. In order to document these test cases generically to serve either, they specify SIDE A to SIDE B.

The symbols used in the test cases of Section 5 are explained as follows:

1. ==>
On SIDE A, the SIDE A tester sends a message to SIDE B. SIDE B receives a message from SIDE A and SIDE B has no automatic response as the result of receiving the message.
2. <==
On SIDE B, the SIDE B tester sends a message to SIDE A. SIDE A receives a message from the SIDE B and SIDE A has no automatic response as the result of receiving the message.
3. |===
|==>
SIDE A UAL/UPL sends an automatic response to SIDE B (without the SIDE A tester intervention) as the result of receiving an incoming message from the SIDE B.
4. ==|=br/><==|
The SIDE B UAL/UPL sends an automatic response to SIDE A (without the SIDE B tester intervention) as the result of receiving an incoming message from SIDE A.

5. <==*

The SIDE B UAL/UPL sends a delayed automatic message to SIDE A (without the SIDE B tester intervention) as the result of a time-out (e.g. GM message time-out resend).

6. *==>

SIDE A UAL/UPL sends a delayed automatic message to SIDE B (without SIDE A tester intervention) as the result of a time-out (e.g. GM message time-out resend).

3.2 UPL TEST PHASE

The intent of this testing is to test whether the SMS/800 and the OS application conform to the interface specification and that all messages are properly generated, sent, received, acknowledged and acted upon. This test will validate the syntax and semantics of all messages. The MGI intersystem application testing will be performed for the interface functionality which includes Number Administration, Customer Record Administration related activities, Multi-Carrier View, Customer Record Activation Notification, Application Status, Carrier Notification and Approval, Area of Service Label Limitations, Unsolicited Application Interface for Carrier Notification and Approval and Miscellaneous Messages.

This UPL testing should be performed after the successful completion of the UAL testing cycle. Explicit data are used in the test cases to portray the test and can be replaced by the OS with different data during testing.

3.3 VOLUME TEST PHASE

The goal of this volume test is to perform a preliminary verification of both SMS/800 and the OS implementation for handling the expected volume of data. Since this test should be performed after the successful completion of the Application (UPL) testing cycle, a subset of the UPL commands will be executed in this testing to detect potential problems.

This test will be performed in an SMS/800 test environment at SMS/800 Software Systems from an OS's site. SMS/800 will be operated and monitored by SMS/800 Software Systems testers. The OS will be operated and monitored by the OS's testers. Since the SMS/800 test environment will not be engineered to match production, delays due to the test environment should be taken into consideration when performing the volume tests and analyzing the results.

The test cases are listed in Section 16. The volumes specified in these test cases are the estimated volumes for intervals from 1 to 10 minutes during peak hours. It should be noted that this test will only test the reliability of the software for handling a large volume of data and is not intended to test the overall performance of the test environment.

4. UAL TEST CASES

4.1 UAL TEST

Note that cmd in each test case refers to the Side that initiates the request and rsp refers to the Side that responds. Both Side A and Side B should be able to send a cmd (REQ-TEST) and rsp (RSP-TEST). In most cases a new MGI user can use this cmd/rsp sequence to test the UAL functionality.

Test Case # 1 Normal Bring Up and Shut Down

A. PURPOSE:

Test normal UAL initialization procedure by sending GD and normal shut down by sending GNT.

B. TEST PROCEDURE:

SIDE A will initiate a Good Day (GD) to indicate it's alive. SIDE B will send a Good Day (GD) to indicate it's alive. SIDE A will send the cmd "REQ-TEST". SIDE B will send the rsp "RSP-TEST". SIDE B will send a Good Night (GNT) to indicate it is shutting down.

| TEST STEP | SIDE A | | EVENT | SIDE B |
|-----------|--------|-----|-------------|--------|
| 1. | ==> | | GD | ==> |
| 2. | == | | GD "REQ- | <== |
| 3. | ==> | cmd | TEST" "RSP- | == |
| 4. | <== | rsp | TEST" | <== |
| 5. | <== | | GNT | <== |

C. EXPECTED RESULTS:

The states and events should be exactly the same as described in the test procedure.

D. COMMENTS:

In order to simplify the test, the SIDE A system will send single segment (< 4036 bytes) command "REQ-TEST" with application confirmation requested.

This test case should be performed from both the SMS/800 side (acting as SIDE A) to the OS side and the OS side (acting as SIDE A) to the SMS/800 side.

4.2 UAL STATE DIAGRAM TESTS

Note that cmd in each test case refers to the Side that initiates the request and rsp refers to the Side that responds. Both Side A and Side B should be able to send a cmd (REQ-TEST) and rsp (RSP-TEST). In most cases a new MGI user can use this cmd/rsp sequence to test the UAL functionality.

Test Case # 2 Site-To-Site Timeout

A. PURPOSE:

Test UAL site-to-site confirmation and site-to-site time out.

B. TEST PROCEDURE:

SIDE A will send a 200 byte "REQ-TEST" with application confirmation. SIDE B will respond with "RSP-TEST" requesting site-to-site confirmation. SIDE A will not respond S2S and SIDE B will timeout on S2S and resends its "RSP-TEST" requesting site-to-site confirmation. SIDE A will send the "REQ-TEST" with application confirmation request. SIDE B will send the "RSP-TEST" with site-to-site confirmation request.

| TEST STEP | SIDE A STATE | | | EVENT | | SIDE B STATE |
|-----------|--------------|------------------------|------------|-------------------------------------|------------------------|--------------|
| | c | | | | | c |
| 1. | c c | ====> ==== | cmd rsp | "REQ-TEST" "RSP-TEST" | ====> <==* | c |
| 2. | | | (The | SIDE B S2S | time out) | |
| 3. | c c | <=== ====> | rsp | "RSP-TEST" S2S-rsp | <==* ====> | c c |
| 4. | c c c | ====> ==== ==> | cmd rsp | "REQ-TEST" "RSP-TEST" S2S-rsp | ====> <==* ====> | c c c |

C. EXPECTED RESULTS:

The states and events should be exactly the same as described in the test procedure. SIDE B should ignore the extra site-to-site confirmations from the SIDE A system in step 3.

D. COMMENTS:

S2S means site-to-site.

This test case should be performed from both the SMS/800 side (acting as SIDE A) to the OS side and the OS side (acting as SIDE A) to the SMS/800 side.

Test Case # 3 Invalid UAL header**A. PURPOSE:**

Test that The SIDE B UAL handles invalid UAL header gracefully.

B. TEST PROCEDURE:

SIDE A will send an invalid UAL header "REQ-TEST" message and SIDE B should return a "UNR" message.

| TEST STEP | SIDE A STATE | | | EVENT | | SIDE B STATE |
|-----------|--------------|-------|-----|----------------------|-------|--------------|
| | c | | | | | c |
| 1. | c | ====> | cmd | "REQ-TEST" | ==== | |
| | c | <==== | | S2S-cmd | <== | c |
| | c | ==== | | "RSP-TEST" | <==* | c |
| | c | ==> | rsp | S2S-rsp | ====> | c |
| 2. | c | ====> | | (invalid UAL header) | ==== | c |
| | c | <==== | rsp | "UNR" | <== | c |
| 3. | c | ====> | cmd | "REQ-TEST" | ==== | |
| | c | <==== | | S2S-cmd | <== | c |
| | c | ==== | | "RSP-TEST" | <==* | c |
| | c | ==> | rsp | S2S-rsp | ====> | c |

C. EXPECTED RESULTS:

The states and events should be exactly the same as described in the test procedure. SIDE B should ignore and report the command with invalid UAL header through UAL UNR message.

D. COMMENTS:

S2S means site-to-site.

This test case should be performed from both the SMS/800 side (acting as SIDE A) to the OS side and the OS side (acting as SIDE A) to the SMS/800 side.

4.3 DATA TRANSFER TESTS

Test Case # 4 Single Segment Application Confirmation

A. PURPOSE:

Test single segment application-confirmation command.

B. TEST PROCEDURE:

SIDE A sends a REQ-TEST command (with application confirmation request) with 100 byte text string and SIDE B should echo back the text string in the response "RSP-TEST". Note, the Returned Routing Code in the MML message header is 'TRA'. The Destination Routing Code in the UAL message header is 'TSA'.

C. EXPECTED RESULTS:

The text string echoed back by SIDE B will be compared with the original text string by SIDE A. Both text strings should be the same. Both Message-IDs in the command and response messages should be the same.

D. COMMENTS:

Note, SIDE A will send the command and receive the response. SIDE B will receive and echo the response back.

This test case should be performed from both the SMS/800 side (acting as SIDE A) to the OS side and the OS side (acting as SIDE A) to the SMS/800 side.

Test Case # 5 Segmentation Test

A. PURPOSE:

Test UAL segmentation capability.

B. TEST PROCEDURE:

SIDE A sends a REQ-TEST command with 5000 byte text string and SIDE B should echo back the text string in the response "RSP-TEST".

C. EXPECTED RESULTS:

The text string echoed back by SIDE B will be compared with the original text string by SIDE A. Both text strings should be the same.

D. COMMENTS:

SIDE B should send back 2 S2S messages as a result of segmentation (2 segments sent by SIDE A).

This test case should be performed from both the SMS/800 side (acting as SIDE A) to the OS side and the OS side (acting as SIDE A) to the SMS/800 side.

Test Case # 6 Multiple Messages

A. PURPOSE:

Test multiple messages with 500 byte lengths.

B. TEST PROCEDURE:

SIDE A sends 10 REQ-TEST commands containing 500 bytes of text (with application confirmation request) and SIDE B should echo back 10 response "RSP-TEST" each with the original text string.

C. EXPECTED RESULTS:

Each text string echoed back by SIDE B will be compared with the original text string by SIDE A. Both text strings should be the same.

D. COMMENTS:

This test case should be performed from both the SMS/800 side (acting as SIDE A) to the OS side and the OS side (acting as SIDE A) to the SMS/800 side.

Test Case # 7 Very Large Message

A. PURPOSE:

Test a very large message.

B. TEST PROCEDURE:

SIDE A sends a REQ-TEST command with 150,000-byte text string (with application confirmation request) and SIDE B should echo back the text string in the response "RSP-TEST".

C. EXPECTED RESULTS:

The text string echoed back by SIDE B will be compared with the original text string by SIDE A. Both text strings should be the same.

D. COMMENTS:

Look for total number of segments on the UAL header and SIDE B should send back an equal number of S2S messages.

This test case should be performed from both the SMS/800 side (acting as SIDE A) to the OS side and the OS side (acting as SIDE A) to the SMS/800 side.

Test Case # 8 Multiple Varying Length Messages**A. PURPOSE:**

Test multiple messages with different lengths.

B. TEST PROCEDURE:

SIDE A sends 10 consecutive "REQ-TEST" commands (with application confirmation request) each with different message lengths and SIDE B should echo back the text string of each of the 10 messages in a response "RSP-TEST". Each response will be compared with its associated command text string.

C. EXPECTED RESULTS:

Each text string echoed back by SIDE B will be compared with the original text string by SIDE A. Both text strings should be the same.

D. COMMENTS:

If segmentation occurs then look for S2S messages.

This test case should be performed from both the SMS/800 side (acting as SIDE A) to the OS side and the OS side (acting as SIDE A) to the SMS/800 side.

Repeat the test case by sending 100 consecutive text message and use 1000 bytes, 2000 bytes and 3000 bytes messages. Also use some messages up to 4035 bytes. Note all these messages are one segment messages. The maximum segment being 4036 bytes message.

Test Case # 9 Multiple Very Long Messages**A. PURPOSE:**

Test concurrent messages with very large text lengths.

B. TEST PROCEDURE:

SIDE A sends 10 REQ-TEST commands (with application confirmation request) and SIDE B should echo back the text string of each of the 10 messages in a response "RSP-TEST". The messages will have 100,000 bytes of text each.

C. EXPECTED RESULTS:

Each text string echoed back by SIDE B will be compared with the original text string by SIDE A. Both text strings should be the same.

D. COMMENTS:

Look for total number of segments on the UAL headers and SIDE B should send back an equal number of S2S messages.

This test case should be performed from both the SMS/800 side (acting as SIDE A) to the OS side and the OS side (acting as SIDE A) to the SMS/800 side.

Test Case # 10 Maximum of One Segment Messages 4036 Bytes

A. PURPOSE:

Test large volume of messages with maximum of 4036 bytes.

B. TEST PROCEDURE:

SIDE A sends 500 REQ-TEST commands (with application confirmation request) and SIDE B should echo back the text string of each of the 500 messages in a response "RSP-TEST".

C. EXPECTED RESULTS:

Each text string echoed back by SIDE B will be compared with the original text string by SIDE A. Both text strings should be the same.

D. COMMENTS:

Look for total number of segments in the UAL headers and SIDE B should send back an equal number of responses (RSP-TEST).

This test case should be performed from both the SMS/800 side (acting as SIDE A) to the OS side and the OS side (acting as SIDE A) to the SMS/800 side.

4.4 QUEUEING AND DEQUEUEING TESTS

Test Case # 11 Queuing Messages When Links Are Down

A. PURPOSE:

Test that the UAL queues up messages when all links are down.

B. TEST PROCEDURE:

Disconnect the physical link(s), then the UAL on both sides should queue up 30 messages (use REQ-TEST or REQ-NSR with AC=S).

C. EXPECTED RESULTS:

The UAL on both sides should be queuing all UPL messages that are supposed to be sent with the queuing option of "YES", when the physical links are down.

D. COMMENTS:

When the links are disconnected, both SIDE A and SIDE B queue up messages simultaneously.

Test Case # 12 Dequeueing Messages After Links Are Up

A. PURPOSE:

Test that the UAL dequeues messages when the links are up and hand-shaking is completed.

B. TEST PROCEDURE:

Enable the physical links and all PVC's. After hand shaking is completed both UAL's should be dequeuing the UPL messages that have been queued in *Test Case # 11, Page 35*.

C. EXPECTED RESULTS:

The UAL on each side should be receiving messages that the other UAL dequeued and pass the UPL messages to the proper applications.

D. COMMENTS:

The messages should be dequeued on a first-in first-out (FIFO) basis.

Test Case # 13 Queuing Messages When One System Is Down

A. PURPOSE:

Test that the SIDE B UAL queues up messages when SIDE A is down.

B. TEST PROCEDURE:

Bring down the SIDE A system, or send a GNT message from SIDE A. The UAL on SIDE B should then queue up 30 UPL messages (any message will suffice).

C. EXPECTED RESULTS:

The SIDE B UAL should be queuing all UPL messages that are supposed to be sent with the queuing option of "YES", when SIDE A is down.

D. COMMENTS:

This test case should be performed from both the SMS/800 side (acting as SIDE A) to the OS side and the OS side (acting as SIDE A) to the SMS/800 side. When SIDE A comes down abnormally or sends a GNT message, SIDE B should queue messages.

Test Case # 14 Dequeueing Messages When The System Comes Up

A. PURPOSE:

Test that the SIDE B UAL Dequeues the messages after hand shaking is completed with the inactive system.

B. TEST PROCEDURE:

SIDE A will initiate hand shaking after it comes up and then SIDE B UAL should be dequeuing the UPL messages that have been queued in *Test Case # 13, Page 37*.

C. EXPECTED RESULTS:

The UAL on SIDE A should be receiving the messages that the SIDE B UAL dequeued and pass the UPL messages to the proper applications.

D. COMMENTS:

This test case should be performed from both the SMS/800 side (acting as SIDE A) to the OS side and the OS side (acting as SIDE A) to the SMS/800 side. The messages should be dequeued on a first-in first-out (FIFO) basis.

5. NUMBER ADMINISTRATION TEST CASES

5.1 NUMBER SEARCH (REQ-NSR)

Test Case # 15 Search For 1 Spare Number - Specifying NPA

A. PURPOSE:

Search randomly for one spare number.

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSR:,date,time::::ID=id,RO=ro,NPA=npa,AC=S;

C. EXPECTED RESULTS:

Successful Search.

SMS/800 responds with this message:

RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro:CNT=01:NUM=num;

D. COMMENTS:

Prerequisite assumption - The data base contains a spare number to retrieve in the specified NPA.

Test Case # 16 Search For 5 Spare Numbers - Without NPA

A. PURPOSE:

Search randomly for 5 spare numbers

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSR:,date,time::::ID=id,RO=ro,AC=S,QT=05;

C. EXPECTED RESULTS:

Five spare numbers are returned.

SMS/800 responds with this message:

RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro:CNT=05:NUM=num:Num=num:
NUM=num:NUM=num:NUM=num;

D. COMMENTS:

Prerequisite assumption - The data base contains the quantity of spare numbers in the requested.

Test Case # 17 Search For 10 Spare Numbers - Specifying NPA**A. PURPOSE:**

Search randomly for ten contiguous spare numbers.

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSR:,date,time::::ID=id,RO=ro,AC=S,NPA=npa,NXX=nxx, QT=10,CONT="Y";

C. EXPECTED RESULTS:

Ten contiguous spare numbers are returned.

SMS/800 responds with this message:

RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro:CNT=10:NUM=num:
NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:
NUM=num:NUM=num:NUM=num;

D. COMMENTS:

Prerequisite assumption - The data base contains the quantity of contiguous spare numbers in the NPA requested.

Test Case # 18 Search For 2 Spare Numbers - NUM With (*)

A. PURPOSE:

Search for two spare numbers when a NUM parameter is specified partially with asterisks (*).

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=S,QT=02,NUM="800*****";
```

C. EXPECTED RESULTS:

Two spare numbers are returned.

SMS/800 responds with this message:

```
RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro:CNT=02: NUM=num:NUM=num;
```

D. COMMENTS:

Prerequisite assumption - The quantity of numbers requested matching the search pattern exist in the data base and are spare.

Test Case # 19 Search For 7 Spare Numbers - NUM With (*)**A. PURPOSE:**

Search for seven spare numbers when a NUM parameter is specified fully with asterisks (*).

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=S,QT=07,NUM="*****";
```

C. EXPECTED RESULTS:

Seven spare numbers are returned.

SMS/800 responds with this message:

```
RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro:CNT=07:NUM=num:  
NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num;
```

D. COMMENTS:

Prerequisite assumption - The quantity of numbers requested exist in the data base and are spare.

Test Case # 20 Search For 4 Spare Numbers-Specifying NPA-Starting NXX**A. PURPOSE:**

Search for four spare numbers in starting NXX (non-contiguous).

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSR:,date,time::::ID=id,RO=ro,AC=S,QT=04,NPA=npa, NXX=nxx,CONT="N";

C. EXPECTED RESULTS:

Four spare numbers are returned which may or may not be contiguous.

SMS/800 responds with this message:

RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro:CNT=04:NUM=num:
NUM=num:NUM=num:NUM=num;

D. COMMENTS:

Prerequisite assumption - The quantity of numbers in the specified NPA starting at or after the specified NXX exist in the data base and are spare.

Test Case # 21 Search For 9 Spare Numbers - Without NPA - Starting NXX**A. PURPOSE:**

Search for nine spare numbers in starting NXX (contiguous).

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=S,QT=09,NXX=nxx,CONT="Y";
```

C. EXPECTED RESULTS:

Nine contiguous spare numbers are returned.

SMS/800 responds with this message:

```
RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro:CNT=09:NUM=num:  
NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num;
```

D. COMMENTS:

Prerequisite assumption - The quantity of contiguous numbers specified starting at or after the specified NXX in any valid NPA exist in the data base and are spare.

Test Case # 22 Search For 3 Spares - Start NXX - Line #- Specifying NPA**A. PURPOSE:**

Search for three spare numbers with a starting NXX and Line number in a given NPA (non-contiguous).

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=S,QT=03,NPA=npa, NXX=nxx,LINE=line,CONT="N;
```

C. EXPECTED RESULTS:

Three spare numbers starting at or after the specified NXX and at or after the specified Line number are returned in the specified NPA which may or may not be contiguous.

SMS/800 responds with this message:

```
RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro,CNT=03: NUM=num:NUM=num:NUM=num;
```

D. COMMENTS:

Prerequisite assumption - The quantity of numbers specified starting at or after the specified NXX and at or after the specified Line number exist in the data base and are spare in the specified NPA.

Test Case # 23 Search For 6 Spares - Start NXX - Line # - Without NPA**A. PURPOSE:**

Search for six spare numbers with a starting NXX and Line number (contiguous) without NPA.

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSR:,date,time::::ID=id,RO=ro,AC=S,QT=06,NXX=nxx,LINE=line, CONT="Y";

C. EXPECTED RESULTS:

Six contiguous spare numbers starting at or after the specified NXX and at or after the specified Line number are returned.

SMS/800 responds with this message:

RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro:CNT=06:NUM=num:
Num=num:NUM=num:NUM=num:NUM=num:NUM=num;

D. COMMENTS:

Prerequisite assumption - The quantity of contiguous numbers specified starting at or after the specified NXX and at or after the specified Line number in any valid NPA exist in the data base and are spare.

Test Case # 24 Search For 1 Spare - Starting Line # - Specifying NPA

A. PURPOSE:

Search for one spare number with a starting Line number and specifying NPA.

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSR:,date,time::::ID=id,RO=ro,AC=S,NPA=npa,QT=01,LINE=line;

C. EXPECTED RESULTS:

One spare number starting at or after the specified Line number is returned.

SMS/800 responds with this message:

RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro:CNT=01:NUM=num;

D. COMMENTS:

Prerequisite assumption - The quantity of numbers specified starting at or after the specified Line number in the specified NPA exist in the data base and are spare.

Test Case # 25**Search For 8 Spare - Starting Line Number - Without NPA****A. PURPOSE:**

Search for eight spare numbers with a starting Line number without NPA (contiguous).

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=S,QT=08,LINE=line,CONT="Y";
```

C. EXPECTED RESULTS:

Eight contiguous spare numbers starting at or after the specified Line number are returned.

SMS/800 responds with this message:

```
RSP-NSR:,date,time::::COMPLD,00::ID=id,RO=ro:CNT=08:NUM=num:  
NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num;
```

D. COMMENTS:

Prerequisite assumption - The quantity of contiguous numbers specified starting at or after the specified Line number exist in any valid NPA-NXX in the data base and are spare.

Test Case # 26 Search for 7 Spare Numbers - NUM With Leading (*)**A. PURPOSE:**

Search for seven spare numbers when a NUM parameter is specified with leading asterisks (*).

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSR:,date,time::::ID=id,RO=ro,AC=S,QT=07,NUM="****561234";

C. EXPECTED RESULTS:

Seven spare numbers are returned.

SMS/800 responds with this message where ? in the response can be any digit:

RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro:CNT=07:NUM="NPA?561234":
NUM="NPA?561234":NUM="NPA?561234":NUM="NPA?561234":NUM="NPA?561234":
NUM="NPA?561234":NUM="NPA?561234":

D. COMMENTS:

Prerequisite assumption - The quantity of numbers specified matching the search pattern exist in the data base and are spare.

Test Case # 27 Search for 7 Spare Numbers - NUM With no Leading (*)**A. PURPOSE:**

Search for seven spare numbers when a NUM parameter is specified with no leading asterisks (*).

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=S,QT=07,NUM="NPA*230000";
```

C. EXPECTED RESULTS:

Seven spare numbers are returned.

SMS/800 responds with this message where ? in the response can be any digit.

```
RSP-NSR:,date,time::::COMPLD,00::ID=id,RO=ro:CNT=07:NUM="NPA?230000":  
NUM="NPA?230000":NUM="NPA?230000":NUM="NPA?230000":NUM="NPA?230000":  
NUM="NPA?230000":NUM="NPA?230000":
```

D. COMMENTS:

Prerequisite assumption - The quantity of numbers matching the search pattern exist in the data base and are spare.

5.2 NUMBER QUERY (REQ-NSR)

Test Case # 28 Query A Spare Number

A. PURPOSE:

Query one specific DIAL# that is spare.

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSR:,date,time::::ID=id,RO=ro,AC=Q,NUM=num;

C. EXPECTED RESULTS:

Successful query.

SMS/800 responds with this message:

NOTE When the Last Activity Date exists, the LACT tag and value are displayed after the NUM tag and value.

RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num, STAT="SPARE ";

D. COMMENTS:

Prerequisite assumption - The data base contains the number requested and it is spare.

Test Case # 29 Query A Disconnected Number

A. PURPOSE:

Query one specific DIAL# that is disconnected.

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSR:,date,time::::ID=id,RO=ro,AC=Q,NUM=num;

C. EXPECTED RESULTS:

Successful query.

SMS/800 responds with this message:

RSP-NSR:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=num,DU=du,SE=se,
STAT="DISCONN",CRO=cro,NCON=ncon,CTEL=ctel,NOTES=notes;

D. COMMENTS:

Prerequisite assumption - The data base contains the disconnected number requested.

Test Case # 30 Query A Reserved Number Of Another Resp Org**A. PURPOSE:**

Query one specific DIAL# that belongs to another Resp Org and is reserved.

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSR:,date,time::::ID=id,RO=ro,AC=Q,NUM=num;

C. EXPECTED RESULTS:

Query is successful and NCON=ncon, CTEL=ctel and NOTES=notes are not in the response.

SMS/800 responds with this message:

RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,RU=ru,SE=se,
STAT="RESERVE",CRO=cro;

D. COMMENTS:

Prerequisite assumption - The data base contains the reserved number requested.

If the Query is for a number that belongs to another Resp Org then NCON=ncon, CTEL=ctel and NOTES=notes will not be in the response. In addition, the LACT tag and value (if existing) are not displayed.

Test Case # 31 Query An Unavailable Number

A. PURPOSE:

Query one specific DIAL# that is unavailable.

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSR:,date,time::::ID=id,RO=ro,AC=Q,NUM=num;

C. EXPECTED RESULTS:

Query is successful

SMS/800 responds with this message:

RSP-NSR:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=num,STAT="UNAVAIL";

D. COMMENTS:

Prerequisite assumption - The data base contains the unavailable number requested.

Test Case # 32 Query An Assigned Number

A. PURPOSE:

Query one specific DIAL# that is assigned.

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSR:,date,time::::ID=id,RO=ro,AC=Q,NUM=num;

C. EXPECTED RESULTS:

Query is successful

SMS/800 responds with this message:

RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,STAT="ASSIGNE";

D. COMMENTS:

Prerequisite assumption - The data base contains the assigned number requested.

Test Case # 33 Query A Suspended Number

A. PURPOSE:

Query one specific DIAL# that is suspended.

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSR:,date,time::::ID=id,RO=ro,AC=Q,NUM=num;

C. EXPECTED RESULTS:

Query is successful.

SMS/800 responds with this message:

RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,SE=se,CRO=cro, STAT="SUSPEND";

D. COMMENTS:

Prerequisite assumption - The data base contains the suspended number requested.

Test Case # 34 Query A Working Number

A. PURPOSE:

Query one specific DIAL# that is working.

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSR:,date,time::::ID=id,RO=ro,AC=Q,NUM=num;

C. EXPECTED RESULTS:

Query is successful

SMS/800 responds with this message:

RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,STAT="WORKING";

D. COMMENTS:

Prerequisite assumption - The data base contains the working number requested.

Test Case # 35 Query A Transitional Number

A. PURPOSE:

Query one specific DIAL# that is transitional.

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSR:,date,time::::ID=id,RO=ro,AC=Q,NUM=num;

C. EXPECTED RESULTS:

Query is successful.

SMS/800 responds with this message:

RSP-NSR:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=num,STAT="TRANSIT";

D. COMMENTS:

Prerequisite assumption - The data base contains the transitional number requested.

5.3 NUMBER SEARCH FOR AND RESERVE (REQ-NSR)

Test Case # 36 Search - Reserve 1 Spare Number - Without NOTES & NPA

A. PURPOSE:

Search for and reserve one random spare number without NOTES and without NPA.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,NCON=ncon,CTEL=ctel;
```

C. EXPECTED RESULTS:

Successful Search and Reserve.

SMS/800 responds with this message:

NOTE When the Last Activity Date exists, the LACT tag and value are displayed after the NUM tag and value.

```
RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro:CNT=01:NUM=num;
```

D. COMMENTS:

Prerequisite assumption - The data base contains a spare number to retrieve.

Test Case # 37 Search - Reserve 1 Spare Number-With NOTES and with NPA**A. PURPOSE:**

Search for and reserve one random spare number with NOTES and with NPA.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,NPA=npa,NCON=ncon,CTEL=ctel, NOTES=notes;
```

C. EXPECTED RESULTS:

Successful Search and Reserve.

SMS/800 responds with this message:

NOTE When the Last Activity Date exists, the LACT tag and value are displayed after the NUM tag and value.

```
RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro:CNT=01:NUM=num;
```

D. COMMENTS:

Prerequisite assumption - The data base contains a spare number in the specified NPA.

Test Case # 38 Search - Reserve 10 Spare Numbers - Contiguous without NPA**A. PURPOSE:**

Search for and reserve ten spare numbers (contiguous) without specifying an NPA.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,QT=10,CONT="Y",
NCON=ncon,CTEL=ctel,NOTES=notes;
```

C. EXPECTED RESULTS:

Ten contiguous spare numbers are reserved.

SMS/800 responds with this message:

NOTE When the Last Activity Date exists for a number, the LACT tag and value are displayed after the NUM tag and value.

```
RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro,CNT=10:NUM=num:NUM=num:
NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num;
```

D. COMMENTS:

Prerequisite assumption - The data base contains the quantity of contiguous spare numbers requested in any valid NPA.

Test Case # 39 Search - Reserve 2 Spare Numbers - NUM With (*)**A. PURPOSE:**

Search for and reserve two spare numbers when a NUM parameter is specified partially with asterisks (*) and an NPA.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,NCON=ncon,CTEL=ctel,  
NOTES=notes:QT=02:NUM="NPA ***xxxx";
```

C. EXPECTED RESULTS:

Two spare numbers are reserved.

SMS/800 responds with this message:

NOTE When the Last Activity Date exists for a number, the LACT tag and value are displayed after the NUM tag and value.

```
RSP-NSR:,date,time::::COMPLD,00::ID=id,RO=ro:CNT=02:NUM=num:NUM=num;
```

D. COMMENTS:

Prerequisite assumption - The quantity of numbers requested matching the search pattern exist in the data base and are spare.

Test Case # 40 Search - Reserve 9 Spare Numbers - NUM With (*)**A. PURPOSE:**

Search for and reserve nine spare numbers when a NUM parameter is specified with asterisks (*).

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,NCON=ncon,CTEL=ctel,  
NOTES=notes:QT=09:NUM="*****";
```

C. EXPECTED RESULTS:

Nine spare numbers are reserved.

SMS/800 responds with this message:

NOTE When the Last Activity Date exists for a number, the LACT tag and value are displayed after the NUM tag and value.

```
RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro:CNT=09:NUM=num:NUM=num:  
NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num;
```

D. COMMENTS:

Prerequisite assumption - The quantity of numbers requested exist in the data base and are spare.

Test Case # 41 Search - Reserve 3 Specific Spare Numbers**A. PURPOSE:**

Search for and reserve three specific spare numbers (no asterisks in num).

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,NCON=ncon,CTEL=ctel,  
NOTES=notes:QT=03:NUM=num:NUM=num:NUM=num;
```

C. EXPECTED RESULTS:

The three specified numbers are reserved.

SMS/800 responds with this message:

NOTE When the Last Activity Date exists for a number, the LACT tag and value are displayed after the NUM tag and value.

```
RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro:CNT=03: NUM=num:NUM=num:NUM=num;
```

D. COMMENTS:

Prerequisite assumption - The numbers requested exist in the data base and are spare.

Test Case # 42 Search - Reserve 8 Specific Spare Numbers**A. PURPOSE:**

Search for and reserve eight specific spare numbers (no asterisks in num).

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,NCON=ncon,CTEL=ctel:QT=08:  
NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num;
```

C. EXPECTED RESULTS:

The eight specified numbers are reserved.

SMS/800 responds with this message:

NOTE When the Last Activity Date exists for a number, the LACT tag and value are displayed after the NUM tag and value.

```
RSP-NSR:,date,time::::COMPLD,00::ID=id,RO=ro:CNT=08:NUM=num:  
NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num;
```

D. COMMENTS:

Prerequisite assumption - The numbers requested exist in the data base and are spare.

Test Case # 43 Search - Reserve 4 Spare Numbers - Start NXX With NPA**A. PURPOSE:**

Search for and reserve four spare numbers with starting NXX and NPA.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,NPA=npa,NXX=nxx,QT=04,  
NCON=ncon,CTEL=ctel,NOTES=notes;
```

C. EXPECTED RESULTS:

Four spare numbers starting at or after the specified NXX are reserved.

SMS/800 responds with this message:

NOTE When the Last Activity Date exists for a number, the LACT tag and value are displayed after the NUM tag and value.

```
RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro:CNT=04:  
NUM=num:NUM=num:NUM=num:NUM=num;
```

D. COMMENTS:

Prerequisite assumption - The quantity of numbers specified starting at or after the specified NXX in the specified NPA exist in the data base and are spare.

Test Case # 44 Search - Reserve 7 Spare Numbers - Start NXX**A. PURPOSE:**

Search for and reserve seven spare numbers in starting NXX and without NPA (contiguous).

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,NXX=nxx,QT=07,CONT="Y", NCON=ncon,CTEL=ctel;
```

C. EXPECTED RESULTS:

Seven contiguous spare numbers starting at or after the specified NXX are reserved.

SMS/800 responds with this message:

NOTE When the Last Activity Date exists for a number, the LACT tag and value are displayed after the NUM tag and value.

```
RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro:CNT=07:NUM=num:  
NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num;
```

D. COMMENTS:

Prerequisite assumption - The quantity of numbers specified contiguous starting at or after the specified NXX in any valid NPA exist in the data base and are spare.

Test Case # 45 Search - Reserve 5 Spares - Start NXX - Line # With NPA**A. PURPOSE:**

Search for and reserve five spare numbers with a starting NXX and Line number with NPA (non-contiguous).

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,NPA=npa,NXX=nxx,LINE=line,  
QT=05,CONT="N",NCON=ncon,CTEL=ctel;
```

C. EXPECTED RESULTS:

Five spare numbers starting at or after the specified NXX and at or after the specified Line number are reserved which may or may not be contiguous.

SMS/800 responds with this message:

NOTE When the Last Activity Date exists for a number, the LACT tag and value are displayed after the NUM tag and value.

```
RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro:CNT=05:NUM=num:  
NUM=num:NUM=num:NUM=num:NUM=num;
```

D. COMMENTS:

Prerequisite assumption - The quantity of numbers in the NPA specified starting at or after the specified NXX and at or after the specified Line number exist in the data base and are spare.

Test Case # 46 Search - Reserve 6 Spares - Start NXX - Line # No NPA**A. PURPOSE:**

Search for and reserve six spare numbers with a starting NXX and Line number Without NPA (contiguous).

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,NXX=nxx,LINE=line,QT=06,  
CONT="Y",CON=ncon,CTEL=ctel,NOTES=notes;
```

C. EXPECTED RESULTS:

Six contiguous spare numbers starting at or after the specified NXX and at or after the specified Line number are reserved.

SMS/800 responds with this message:

NOTE When the Last Activity Date exists for a number, the LACT tag and value are displayed after the NUM tag and value.

```
RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro:CNT=06:NUM=num:  
NUM=num:NUM=num:NUM=num:NUM=num:NUM=num;
```

D. COMMENTS:

Prerequisite assumption - The quantity of contiguous numbers in any valid NPA specified starting at or after the specified NXX and at or after the specified Line number exist in the data base and are spare.

Test Case # 47 Search - Reserve 2 Spares - Start Line Number With NPA**A. PURPOSE:**

Search for and reserve two spare numbers with a starting Line number with NPA (non-contiguous).

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,NPA=npa,LINE=line,QT=02,  
CONT="N",NCON=ncon,CTEL=ctel,NOTES=notes;
```

C. EXPECTED RESULTS:

Two spare numbers starting at or after the specified Line number in the specified NPA are reserved which may or may not be contiguous.

SMS/800 responds with this message:

NOTE When the Last Activity Date exists for a number, the LACT tag and value are displayed after the NUM tag and value.

```
RSP-NSR:,date,time::::COMPLD,00::ID=id,RO=ro:CNT=02:NUM=num:NUM=num;
```

D. COMMENTS:

Prerequisite assumption - The quantity of numbers specified starting at or after the specified Line number in the specified NPA exist in the data base and are spare.

Test Case # 48 Search - Reserve 7 Spares - Start Line Number Without NPA**A. PURPOSE:**

Search for and reserve seven spare numbers with a starting Line number without an NPA (contiguous).

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,LINE=line,QT=07,CONT="Y", NCON=ncon,CTEL=ctel;
```

C. EXPECTED RESULTS:

Seven contiguous spare numbers specified starting at or after the specified Line number are reserved.

SMS/800 responds with this message:

NOTE When the Last Activity Date exists for a number, the LACT tag and value are displayed after the NUM tag and value.

```
RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro:CNT=07:NUM=num:  
NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num;
```

D. COMMENTS:

Prerequisite assumption - The quantity of contiguous numbers specified starting at or after the specified Line number in any valid NPA-NXX exist in the data base and are spare.

5.4 NUMBER SEARCH - RESERVE WARNING-ERROR (REQ-NSR)

Test Case # 49 Number Search - Warning - Partial Completion

A. PURPOSE:

Search and reserve up to ten spare numbers with a starting NXX and Line number and receive a partially successful response message.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=S,QT=10,NXX=999,LINE=9995,CONT="N";
```

C. EXPECTED RESULTS:

Five spare numbers which is less than the requested quantity specified starting at or after the specified Line number are reserved.

SMS/800 responds with this message:

NOTE When the Last Activity Date exists for a number, the LACT tag and value are displayed after the NUM tag and value.

```
RSP-NSR:,date,time:::COMPLD,11::ID=id,RO=ro,ERR=17:CNT=05:NUM=num:  
NUM=num:NUM=num:NUM=num:NUM=num;
```

D. COMMENTS:

Prerequisite assumption - The full quantity of numbers specified were not available in the data base as spare.

Test Case # 50 Number Reservation - Warning - Partial Completion**A. PURPOSE:**

Search and reserve up to ten spare numbers when a NUM parameter is specified partially with asterisks (*) and receive a partially successful response message.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,QT=10,NUM="800N*NNNNN", NCON=ncon,CTEL=ctel;
```

C. EXPECTED RESULTS:

Five spare numbers which is less than the requested quantity specified are returned.

SMS/800 responds with this message:

NOTE When the Last Activity Date exists for a number, the LACT tag and value are displayed after the NUM tag and value.

```
RSP-NSR:,date,time:::COMPLD,11::ID=id,RO=ro,ERR=30:CNT=05:NUM=num:  
NUM=num:NUM=num:NUM=num:NUM=num;
```

D. COMMENTS:

Prerequisite assumption - The full quantity of numbers specified were not available in the data base as spare.

Test Case # 51 Number Reservation - Warning - Limit Exceeded**A. PURPOSE:**

Search for and reserve ten spare numbers results in a successful search and reservation with warning, reservation limit exceeded.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,QT=10,CONT="Y",
NCON=ncon,CTEL=ctel,NOTES=notes;
```

C. EXPECTED RESULTS:

Ten contiguous spare numbers are reserved.

SMS/800 responds with this message:

NOTE When the Last Activity Date exists for a number, the LACT tag and value are displayed after the NUM tag and value.

```
RSP-NSR:,date,time:::COMPLD,10::ID=id,RO=ro:ERR=12:CNT=10:NUM=num:
NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num,NUM=num,NUM=n
um;
```

D. COMMENTS:

Prerequisite assumption - The full quantity of numbers specified were available in the data base as spare.

Test Case # 52 Number Reservation - Error Limit Exceeded**A. PURPOSE:**

Attempt to search and reserve ten spare numbers when the reservation limit is exceeded.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,QT=10,CONT="Y",
NCON=ncon,CTEL=ctel,NOTES=notes;
```

C. EXPECTED RESULTS:

The request is denied and results in a response message with the applicable error code.

SMS/800 responds with this message:

```
RSP-NSR:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num:CNT=01:ERR=12;
```

D. COMMENTS:

Prerequisite assumption - The submitted REQ-NSR message to search and reserve caused the reservation limit to be exceeded. The Reservation Limit Feature is turned on resulting in an error when the reservation limit is exceeded.

Test Case # 53 Number Search - Error Invalid QT And CONT**A. PURPOSE:**

Attempt to search for spare numbers where QT field is other than 1 through 10 and a character of "X" is specified in the CONT field.

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSR:,date,time::::ID=id,RO=ro,AC=S,QT=11,CONT="X";

C. EXPECTED RESULTS:

The request is denied and results in a response message with applicable error codes.

SMS/800 responds with this message:

RSP-NSR:,date,time:::DENIED,01::ID=id,RO=ro:CNT=02:ERR=19,VERR="11": ERR=24,VERR="X";

D. COMMENTS:

Prerequisite assumption - The submitted REQ-NSR message to search contained input in error.

ERR=19 means invalid quantity. ERR=24 means invalid contiguous value.

Test Case # 54 Number Reservation - Error Various Fields Invalid**A. PURPOSE:**

Attempt to search and reserve ten spare numbers when invalid input values are used.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,QT=00,CONT="Z",NCON=" ",  
CTEL="BADNUMBER",NOTES=notes,NXX=BAD,LINE=GLOP;
```

C. EXPECTED RESULTS:

The request is denied and results in a response message with applicable error codes.

SMS/800 responds with this message:

```
RSP-NSR:,date,time:::DENIED,01::ID=id,RO=ro:CNT=06:ERR=19,VERR="00":  
ERR=24,VERR="Z":ERR=22,VERR=" ":ERR=09,VERR="BADNUMBER":  
ERR=23,VERR="BAD":ERR=21,VERR="GLOP";
```

D. COMMENTS:

Prerequisite assumption - The submitted REQ-NSR message to search and reserve contains input in error.

ERR=19 means invalid quantity.

ERR=24 means invalid contiguous value.

ERR=22 means invalid contact person.

ERR=09 means invalid CTEL.

ERR=23 means invalid start NXX.

ERR=21 means invalid start Line Number.

Test Case # 55 Number Reservation - Warning - Nearing Limit**A. PURPOSE:**

Search and reserve ten spare numbers and warning message is received (nearing reservation limit).

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,QT=10,CONT="Y",
NCON=ncon,CTEL=ctel,NOTES=notes;
```

C. EXPECTED RESULTS:

Ten spare numbers are reserved and a warning message is returned.

SMS/800 responds with this message:

NOTE When the Last Activity Date exists for a number, the LACT tag and value are displayed after the NUM tag and value.

```
RSP-NSR:,date,time:::COMPLD,10::ID=id,RO=ro,ERR=31:CNT=10:NUM=num:
NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:
NUM=num:NUM=num;
```

D. COMMENTS:

Prerequisite assumption - The full quantity of numbers specified were available in the data base as spare.

The SMS/800 Software Systems tester should determine how many numbers were reserved by the OS and then set the reservation limit of the OS so that they are at 97% of their limit.

Test Case # 56 Number Search - Error - Only GR or EQ Start NXX

A. PURPOSE:

Attempt to search for a quantity of numbers in a NXX that results in a failed search.

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSR:,date,time::::ID=id,RO=ro,AC=S,QT=5,NXX=999;

C. EXPECTED RESULTS:

The request is denied and results in a response message with applicable error codes.

SMS/800 responds with this message:

RSP-NSR:,date,time::::DENIED,01::ID=id,RO=ro:_CNT=01:ERR=10;

D. COMMENTS:

Prerequisite assumption - The random select on NXX 999 is set to zero.

5.5 NUMBER STATUS CHANGE (REQ-NSC)

Test Case # 57 Status Change - All Parameters

A. PURPOSE:

Change all parameters of a reserved number.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSC:,date,time::::ID=id,RO=ro,AC=C,NUM=num,RU=ru,NEWRO=newro,  
NCON=ncon,CTEL=ctel,NOTES=notes;
```

C. EXPECTED RESULTS: Successful

number status change SMS/800

responds with this message:

```
RSP-NSC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,RU=ru,  
NEWRO=newro,SE=se,STAT="RESERVE",NCON=ncon,CTEL=ctel,NOTES=notes;
```

D. COMMENTS:

Prerequisite assumption - The data base contains the number requested. This assumes the OS has update capability for the existing control Resp Org of the number.

Test Case # 58 Status Change - Partial Parameters**A. PURPOSE:**

Change Resp Org and Reserved Until Date of a previously reserved number.

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSC:,date,time::::ID=id,RO=ro,AC=C,NUM=num,RU=newru,NEWRO=newro;

C. EXPECTED RESULTS: Successful

number status change SMS/800

responds with this message:

RSP-NSC:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=num,RU=newru,
NEWRO=newro,SE=se,STAT="RESERVE";

D. COMMENTS:

Prerequisite assumption - The data base contains the number requested. This assumes the OS has update capability for the existing control Resp Org of the number.

Test Case # 59 Status Change - Partial Parameters With NOTES**A. PURPOSE:**

Change Contact Name and Contact Phone Number of a previously reserved number with NOTES.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSC:,date,time::::ID=id,RO=ro,AC=C,NUM=num,NCON=newncon,  
CTEL=newctel,NOTES=notes;
```

C. EXPECTED RESULTS: Successful

Number Status Change SMS/800

responds with this message:

```
RSP-NSC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,  
NCON=newncon,CTEL=newctel,NOTES=notes,SE=se,STAT="RESERVE";
```

D. COMMENTS:

Prerequisite assumption - The data base contains the number requested. This assumes the OS has update capability for the existing control Resp Org of the number.

Test Case # 60 Spare A Reserved Number

A. PURPOSE:

Spare a reserved DIAL#.

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSC:,date,time::::ID=id,RO=ro,AC=S,NUM=num;

C. EXPECTED RESULTS:

Successful update, from reserved to spare.

SMS/800 responds with this message:

RSP-NSC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,STAT="SPARE ";

D. COMMENTS:

Prerequisite assumption - The data base contains the number requested. This assumes the OS has update capability for the existing control Resp Org of the number.

Test Case # 61 Spare A Transitional Number

A. PURPOSE:

Spare a transitional DIAL#.

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSC:,date,time::::ID=id,RO=ro,AC=S,NUM=num;

C. EXPECTED RESULTS:

Successful update, from transitional to spare.

SMS/800 responds with this message:

RSP-NSC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,STAT="SPARE ";

D. COMMENTS:

Prerequisite assumption - The data base contains the transitional number requested and the RESP ORG's match.

Test Case # 62 Contact Information (NCON) Change

A. PURPOSE:

Change the contact information on a DIAL# which status is Reserve, Assign, Working, Disconnect, Suspend, or Transitional.

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSC:,date,time::::ID=id,RO=ro,AC=C,NUM=num,NCON=ncon;

C. EXPECTED RESULTS:

Successful update.

SMS/800 responds with this message:

RSP-NSC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,STAT=stat,NCON=ncon,CTEL=ctel;

D. COMMENTS:

Prerequisite assumption - The data base contains the number requested with the above status and the RESP ORG's match.

Test Case # 63 Contact Telephone (CTEL) Change

A. PURPOSE:

Change the contact phone number on a DIAL# whcih status is Reserve, Assign, Working, Disconnect, Suspend, or Transitional.

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSC:,date,time::::ID=id,RO=ro,AC=C,NUM=num,CTEL=ctel;

C. EXPECTED RESULTS:

Successful update.

SMS/800 responds with this message:

RSP-NSC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,STAT=stat,NCON=ncon,CTEL=ctel;

D. COMMENTS:

Prerequisite assumption - The data base contains the number requested with the above status and the RESP ORG's match.

Test Case # 64 Notes (NOTES) Change**A. PURPOSE:**

Change the notes information on a DIAL# whcih status is Reserve, Assign, Working, Disconnect, Suspend, or Transitional.

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSC:,date,time::::ID=id,RO=ro,AC=C,NUM=num,NOTES=notes;

C. EXPECTED RESULTS:

Successful update.

SMS/800 responds with this message:

RSP-
NSC:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=num,STAT=stat,NCON=ncon,CTEL=ctel,NOTES=n
otes;

D. COMMENTS:

Prerequisite assumption - The data base contains the number requested with the above status and the RESP ORG's match.

5.6 NUMBER STATUS CHANGE - ERROR (REQ-NSC)

Test Case # 65 Status Change - Error - Number Not Reserved

A. PURPOSE:

Attempt to change number status information of a number that has not been reserved.

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSC:,date,time::::ID=id,RO=ro,AC=C,NUM=num,RU=ru,NEWRO=newro;

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

RSP-NSC:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num:_CNT=01:ERR=18;

D. COMMENTS:

Prerequisite assumption - The data base contains the number requested and it is spare.

Test Case # 66 Spare A Number - Error - Number Without Text Delimiters

A. PURPOSE:

Attempt to spare a number where the number is submitted without text delimiters

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSC:,date,time::::ID=id,RO=ro,AC=S,NUM="800ABCDEFG";

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

RSP-NSC:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num:CNT=01:ERR=05, VERR="ABCDEFG";

D. COMMENTS:

This test fails because the number is submitted without text string delimiters ("").

Test Case # 67 Spare A Number - Error - Working Number

A. PURPOSE:

Attempt to spare a number that is in Working Status.

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSC:,date,time::::ID=id,RO=ro,AC=S,NUM=num;

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

RSP-NSC:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num:_CNT=01:ERR=16, VERR="num";

D. COMMENTS:

Prerequisite assumption - The data base contains the number requested.

This test fails because the number submitted is in Working Status.

Test Case # 68 Spare A Number - Error - Reserved By Another RESP ORG

A. PURPOSE:

Attempt to spare a number that is Reserved by another Resp Org.

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSC:,date,time::::ID=id,RO=ro,AC=S,NUM=num;

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

RSP-NSC:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num:CNT=01: ERR=12,VERR=ro;

D. COMMENTS:

Prerequisite assumption - The data base contains the number requested.

Test Case # 69 Spare A Number - Error - Transitional, Other RESP ORG

A. PURPOSE:

Attempt to spare a number that is in transitional status by another Resp Org.

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSC:,date,time::::ID=id,RO=ro,AC=S,NUM=num;

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

RSP-NSC:,date,time::::DENIED,01::ID=id,RO=ro,NUM=num:_CNT=01: ERR=12,VERR=BANJ1;

D. COMMENTS:

Prerequisite assumption - The data base contains the transitional number requested. This assumes the OS does not have update capability for the existing control Resp Org of the number.

5.7 NUMBER ADMINISTRATION TESTS - WILD CARDS (REQ-NSR)

Test Case # 70 Search 1 Spare Number With & In Pos 1 to 3

A. PURPOSE:

Search one spare number using &&& in position 1 to 3 of NUM field.

B. TEST PROCEDURE:

The OS sends this message:

REQ-NSR:,date,time::::ID=id,RO=ro,AC=S,NUM="&&&NNNNNNN";

C. EXPECTED RESULTS:

The same digit will be present in the first three positions of the DIAL#.

SMS/800 responds with this message:

RSP-NSR:,date,time::::COMPLD,00::ID=id,RO=ro:CNT=01:NUM="888NNNNNN";

D. COMMENTS:

Prerequisite assumption - The data base contains a spare number to retrieve in NPA 888.

Test Case # 71 Search 2 Spare Numbers w/& In NPA**A. PURPOSE:**

Search two spare numbers with value &&& in the NPA value of the NUM field. Use any format in the NXX and Line portion of the NUM field.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=S,QT=02,NUM="&&&N&&NN*N";
```

C. EXPECTED RESULTS:

The quantity of numbers specified will be returned.

SMS/800 responds with this message:

```
RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro:CNT=02:NUM="888N88NN*N":  
NUM="888N88NN*N";
```

D. COMMENTS:

Ampersand (&) indicates repeated wild card.

Test Case # 72 Characters In NUM Along With State Code In DIAL#

A. PURPOSE:

Attempt to search a number using & characters in the NUM field along with a state code.

B. TEST PROCEDURE:

Send a REQ-NSR transaction with NPANN&&NNNCA in the NUM field.

C. EXPECTED RESULTS:

Error message 34 will be generated.

D. COMMENTS:

DIAL# cannot have "*" or "&" with a state code appended.

Test Case # 73 Search a Spare Number Using one & in Num

A. PURPOSE:

Attempt to search using a value of one & in the NUM field.

B. TEST PROCEDURE:

Send a REQ-NSR transaction with one & in the NUM field (Num=NPA&NNNNNN).

C. EXPECTED RESULTS:

Error message 35 will be generated.

D. COMMENTS:

DIAL# must contain more than one &

Test Case # 74 Search 10 Spares when 3 Candidates Are Reserved

A. PURPOSE:

Search 10 spare contiguous DIAL#s after 3 numbers in the candidate list are reserved.

B. TEST PROCEDURE:

Submit a REQ-NSR transaction to reserve 8005507090, 8005507091, and 8005507092.

Submit REQ-NSR transaction using 800550709* in the number field, 10 in the QTY field, and Y in the CONT field.

C. EXPECTED RESULTS:

Seven spare DIAL# are returned excluding 8005507090, 8005507091, and 8005507092.

D. COMMENTS:

The data base has 8005507093 through 8005507099 DIAL#s and they are spare.

Test Case # 75 Search and Reserve 10 Spares Numbers 800&&NNNNN in NUM

A. PURPOSE:

Search 10 spare DIAL#s using the & wild card character that includes a reserved number.

B. TEST PROCEDURE:

Send a REQ-NSR transaction to reserve 8001144443.

Submit another REQ-NSR transaction with 800&&44443 in the NUM field and 10 in the QTY field.

C. EXPECTED RESULTS:

Error message 30 is generated.

Partial completion to satisfy the search criteria.

D. COMMENTS:

Prerequisite assumption - The data base has 8001144443 and in reserved status.

5.7 NUMBER RESERVATION PARTIAL SUCCESSFUL FOR SPECIFIC NUMBERS (REQ-NSR)

Test Case # 76 Partial Number Reservation - First Num Reserved

A. PURPOSE:

Generate a partial number reservation after the first number was reserved.

B. TEST PROCEDURE:

The OS Sends the following messages:

1. Randomly search 10 numbers.

REQ-NSR:,date,time::::ID=id,RO=ro,AC=S,QT=10;

2. Reserve the first number returned.

REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,QT=1,NUM=num: NCON=ncon,CTEL=ctel;

3. Reserve the 10 returned numbers from Step 1.

REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,QT=10,NUM=num:NUM=num:
 NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:
 NCON=ncon,CTEL=ctel;

D. EXPECTED RESULTS:

SMS/800 responds with the following responses:

NOTE When the Last Activity Date exists for a number, the LACT tag and value are displayed after the NUM tag and value.

1. For the first REQ-NSR all 10 numbers show that they are spare.

RSP-NSR:,date,time:::COMPLD,00,ID=id,RO=ro:CNT=10,NUM=num:NUM=num:
 NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num;

2. For the second REQ-NSR the first specific number is reserved.

RSP-NSR:,date,time:::COMPLD,00,ID=id,RO=ro:CNT=01,NUM=num;

3. For the third REQ-NSR, nine numbers are reserved excluding the first returned number from Step 1.

RSP-NSR:,date,time:::COMPLD,11,ID=id,RO=ro:CNT=09,NUM=num:NUM=num:
 NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:ECNT=01:ERR=15,
 VERR=verr;

D. COMMENTS:

Prerequisite assumption - The data base contains the spare numbers to retrieve. The VERR tag lists the specific number not reserved, in this case the first number in the third REQ-NSR.

Test Case # 77 Partial Number Reservation - Third Num Reserved**A. PURPOSE:**

Generate a partial number reservation after the third number was reserved.

B. TEST PROCEDURE:

The OS sends the following messages:

1. Randomly search 10 numbers.

REQ-NSR:,date,time::::ID=id,RO=ro,AC=S,QT=10;

2. Reserve the third number returned.

REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,QT=01,NUM=num: NCON=ncon,CTEL=ctel;

3. Reserve the 10 returned numbers from Step 1.

REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,QT=10,NUM=num:NUM=num:
NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:
NCON=ncon,CTEL=ctel;

D. EXPECTED RESULTS:

SMS/800 responds with the following responses:

NOTE When the Last Activity Date exists for a number, the LACT tag and value are displayed after the NUM tag and value.

1. For the first REQ-NSR all 10 numbers show that they spare.

RSP-NSR:,date,time:::COMPLD,00,ID=id,RO=ro:CNT=10,NUM=num:NUM=num:
NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:
NCON=ncon,CTEL=ctel;

2. For the second REQ-NSR the third specific number is reserved.

RSP-NSR:,date,time:::COMPLD,00,ID=id,RO=ro:CNT=01,NUM=num;

3. For the third REQ-NSR:

RSP-NSR:,date,time:::COMPLD,11,ID=id,RO=ro:CNT=09,NUM=num:NUM=num:
NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:
VERR=verr; ECNT=01:ERR=15,

D. COMMENTS:

Prerequisite assumption - The data base contains the spare numbers to retrieve. The verr will list the specific number not reserved in this case the 3rd number in the third REQ-NSR.

Test Case # 78 Partial Number Reservation - Tenth Num Reserved**A. PURPOSE:**

Generate a partial number reservation after the tenth number is reserved.

B. TEST PROCEDURE:

The OS sends the following messages:

1. Randomly search 10 numbers.

REQ-NSR:,date,time::::ID=id,RO=ro,AC=S,QT=10;

2. Reserve the tenth number returned.

REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,QT=01,NUM=num: NCON=ncon,CTEL=ctel;

3. Reserve the 10 returned numbers from Step 1.

REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,QT=10,NUM=num:NUM=num:
NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:
NCON=ncon,CTEL=ctel;

D. EXPECTED RESULTS:

SMS/800 responds with the following responses:

NOTE When the Last Activity Date exists for a number, the LACT tag and value are displayed after the NUM tag and value.

1. For the first REQ-NSR all 10 numbers show that they spare.

RSP-NSR:,date,time:::COMPLD,00,ID=id,RO=ro:CNT=10,NUM=num:NUM=num:
NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num;

2. For the second REQ-NSR the tenth specific number is reserved.

RSP-NSR:,date,time:::COMPLD,00,ID=id,RO=ro:CNT=01,NUM=num;

3. For the third REQ-NSR:

RSP-NSR:,date,time:::COMPLD,11,ID=id,RO=ro:CNT=09,NUM=num:NUM=num:
NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:ECNT=01:ERR=15,
VERR=verr;

D. COMMENTS:

Prerequisite assumption - The data base contains the spare numbers to retrieve. The verr will list the specific number not reserved. In this case the 10th number reserved in the third REQ-NSR.

Test Case # 79 Partial Number Reservation - Reserve 3 Numbers**A. PURPOSE:**

Generate a partial number reservation after the second, third, and ninth numbers are reserved.

B. TEST PROCEDURE:

The OS sends the following messages:

1. Randomly search 10 numbers.

REQ-NSR:,date,time::::ID=id,RO=ro,AC=S,QT=10;

2. Reserve the second, third and ninth numbers returned.

REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,QT=03,NUM=num:NUM=num:NUM=num:
NCON=ncon,CTEL=ctel;

3. Reserve the 10 returned numbers from Step 1.

REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,QT=10,NUM=num:NUM=num:NUM=num:
:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NCON=ncon,
CTEL=ctel;

D. EXPECTED RESULTS:

SMS/800 responds with the following responses:

NOTE When the Last Activity Date exists for a number, the LACT tag and value are displayed after the NUM tag and value.

1. For the first REQ-NSR all 10 numbers show that they spare.

RSP-NSR:,date,time:::COMPLD,00,ID=id,RO=ro:CNT=10,NUM=num:NUM=num:
NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num;

2. For the second REQ-NSR the second, third and ninth numbers are reserved.

RSP-NSR:,date,time:::COMPLD,00,ID=id,RO=ro:CNT=03,NUM=num: NUM=num:,NUM=num;

3. For the third REQ-NSR:

RSP-NSR:,date,time:::COMPLD,11,ID=id,RO=ro:CNT=07,NUM=num:NUM=num:
NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:ECNT=03:ERR=15,VERR=verr,
VERR=verr,VERR=verr;

D. COMMENTS:

Prerequisite assumption - The data base contains the spare numbers to retrieve. The verr will list the specific number not reserved. In this case the 2nd, 3rd and 9th numbers reserved the third REQ-NSR.

Test Case # 80 Partial Number Reservation - Reserve 9 Numbers**A. PURPOSE:**

Generate a partial number reservation after the one through the nine numbers are reserved.

B. TEST PROCEDURE:

The OS sends the following messages:

1. Randomly search 10 numbers.

REQ-NSR:,date,time::::ID=id,RO=ro,AC=S,QT=10;

2. Reserve the first through ninth numbers returned.

REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,QT=9,NUM=num:
 NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:
 NUM=num:NUM=num:NCON=ncon,CTEL=ctel;

3. Reserve the 10 returned numbers from Step 1.

REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,QT=10,NUM=num:NUM=num:NUM=num:
 NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:
 NUM=num:NUM=num:NCON=ncon,CTEL=ctel;

D. EXPECTED RESULTS:

SMS/800 responds with the following responses:

NOTE When the Last Activity Date exists for a number, the LACT tag and value are displayed after the NUM tag and value.

1. For the first REQ-NSR all 10 numbers will show that they spare.

RSP-NSR:,date,time:::COMPLD,00,ID=id,RO=ro:CNT=10,NUM=num:NUM=num:
 NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:

2. For the second REQ-NSR the first through ninth numbers are reserved.

RSP-NSR:,date,time:::COMPLD,00,ID=id,RO=ro:CNT=9,NUM=num:NUM=num:
 NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:

3. For the third REQ-NSR:

RSP-NSR:,date,time:::COMPLD,11,ID=id,RO=ro:CNT=01,NUM=num:ECNT=09:
 ERR=15,VERR=verr,ERR=15,VERR=verr,ERR=15,VERR=verr,ERR=15,VERR=verr,
 ERR=15,VERR=verr,ERR=15,VERR=verr,ERR=15,VERR=verr,ERR=15,VERR=verr,
 ERR=15,VERR=verr;

D. COMMENTS:

Prerequisite assumption - The data base contains the spare numbers to retrieve. The verr will list the specific number not reserved. In this case the 1st thru 9th numbers reserved in the third REQ-NSR.

Test Case # 81 Reserve up to 10 Specific Numbers**A. PURPOSE:**

Generate a successful specific number reservation that all ten numbers are reserved.

B. TEST PROCEDURE:

The OS sends the following messages:

1. Randomly search 10 numbers.

REQ-NSR:,date,time::::ID=id,RO=ro,AC=S,QT=10;

2. Reserve the 10 returned numbers from Step 1.

REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,QT=10,NUM=num:NUM=num:NUM=num:
NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NCON=ncon,
CTEL=ctel;

C. EXPECTED RESULTS:

SMS/800 responds with the following responses:

NOTE When the Last Activity Date exists for a number, the LACT tag and value are displayed after the NUM tag and value.

1. For the first REQ-NSR all 10 numbers will show that they spare.

RSP-NSR:,date,time:::COMPLD,00,ID=id,RO=ro:CNT=10,NUM=num:NUM=num:
NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num;

2. For the second REQ-NSR, all 10 numbers are reserved:

RSP-NSR:,date,time:::COMPLD,00,ID=id,RO=ro:CNT=9,NUM=num:NUM=num:
NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num:NUM=num;

C. COMMENTS:

Prerequisite assumption - The data base contains the spare numbers to retrieve.

5.9 NUMBER ADMINISTRATION UNSOLICITED MESSAGE UNS-NSR

Test Case # 82 Syntax, CLLI, and the MID parameter of the message

A. PURPOSE:

An RSP-NSR response message comes back with COMPLD,11 and error code 99 for each random number in waiting in the same NPA. When the transaction is started, a UNS-NSR message is returned. OS verifies that the syntax of the message is correct.

B. TEST PROCEDURE:

On SMS/800 side:

Stop one of the transactions to have numbers in waiting: ZM3TN31x (B) for 800 or (C) for 888 or (D) for 877.

The OS sends the following message: REQ-NSR message to reserve 10 random numbers in the same NPA.

C. EXPECTED RESULTS:

SMS/800 responds with the following responses:

NOTE When the Last Activity Date exists for a number, the LACT tag and value are displayed after the NUM tag and value.

At time out, an RSP-NSR is returned with all numbers in waiting status. On SMS/800 side start the transaction which was stopped: /START TRAN ZM3TN31x. A UNS-NSR message is sent to the OS:

```
UNS-NSR:,date,time:::::MID=mid,RO=ro:CNT=10:NUM=num1,STAT=stat:  
NUM=num2,STAT=stat:NUM=num3,STAT=stat:NUM=num4,STAT=stat:NUM=num5,  
STAT=stat:NUM=num6,STAT=stat:NUM=num7,STAT=stat:NUM=num8,STAT=stat:  
NUM=num9,STAT=stat:NUM=num10,STAT=stat;
```

D. COMMENTS:

The CLLI code in the UNS-NSR and the REQ-NSR messages are the same. The MID parameter is the original message ID from the REQ-NSR message. Also, on SMS/800 side, verify that the numbers are deleted from the locker data base.

Test Case # 83 Entity listed in the Number Admin Tables - No UNS-NSR**A. PURPOSE:**

Test a reservation request for multiple random numbers in the same NPA from an MGI user when the entity of the RESP ORG is listed in the RANDOM- SPARE feature in the Number Administration tables and all of the numbers have a status of WAITING when time-out occurs.

B. TEST PROCEDURE:

On SMS/800 side:

Stop the transactions to have numbers in waiting: ZM3TN31x (B) for 800 or (C) for 888 or (D) for 877.

The OS sends the following message: REQ-NSR message to reserve 10 random numbers in the same NPA.

C. EXPECTED RESULTS:

SMS/800 responds with the following responses:

At time out, an RSP-NSR is returned with DENIED,01 and error code 17. On SMS/800 side start the transaction: /START TRAN ZM3TN31x. Verify that the numbers are not reserved after the transactions are started and no UNS-NSR message is returned.

D. COMMENTS:

The numbers that were in waiting are returned to the spare pool at time-out. The numbers are not reserved. Also, on SMS/800 side we will verify that the numbers were deleted from the locker data base.

Test Case # 84 Entity listed in the Number Admin Table - No UNS-NSR**A. PURPOSE:**

Test a reservation request for multiple specific numbers in the same NPA from an MGI user when the entity of the RESP ORG is listed in the SPECIFIC-SPARE feature in the Number Administration tables and all of the numbers have a status of WAITING when time-out occurs.

B. TEST PROCEDURE:

On SMS/800 side:

Stop the transactions to have numbers in waiting: ZM3TN31x (B) for 800 or (C) for 888 or (D) for 877.

The OS sends the following message: REQ-NSR message to reserve 10 specific numbers in the same NPA.

C. EXPECTED RESULTS:

SMS/800 responds with the following responses:

At time out, an RSP-NSR is returned with DENIED,01 and error code 99. On SMS/800 side start the transaction: /START TRAN ZM3TN31x. Verify that the numbers are not reserved after the transactions are started and no UNS-NSR message is sent.

D. COMMENTS:

The numbers that were in waiting are returned to the spare pool at time-out. The numbers are not reserved. Also, on SMS/800 side, verify that the numbers are deleted from the locker data base.

Test Case # 85 Two UNS-NSR for Specific Numbers Across 3 NPAs**A. PURPOSE:**

Two UNS-NSR messages are generated for specific number reservation across three NPA's when only one transaction completed previously. Number statuses are changed from waiting, at time out, to RESERVE after the transaction is completed for the other two NPAs.

B. TEST PROCEDURE:

On SMS/800 side:

Stop two of the transactions to have numbers in waiting: ZM3TN31x (B) for 800 or (C) for 888 or (D) for 877.

The OS sends the following message: REQ-NSR message to reserve 10 specific spare numbers across three NPA's.

C. EXPECTED RESULTS:

SMS/800 responds with the following responses:

At time out, RSP-NSR will be returned with COMPLD,11 and error code 99 for two of the NPA's. On SMS/800 side start the transactions for two NPA's that were stopped: /START TRAN ZM3TN31x. Two UNS-NSR messages will be returned with number statuses changed to RESERVE for both NPA's where transactions were stopped.

D. COMMENTS:

On SMS/800 side, verify that the numbers are deleted from the locker data base for the two NPA's where UNS-NSR was returned.

Test Case # 86 UNS-NSR when 3 out 10 Numbers Were Previously Reserved**A. PURPOSE:**

A UNS-NSR message is generated for specific number reservation in the same NPA when 3 out the 10 numbers were reserved previously. The 3 numbers statuses changed from WAITING, at time out, to FAILED after transaction is complete.

B. TEST PROCEDURE:

The OS sends the following message: REQ-NSR message to search 10 spare numbers in the same NPA and afterwards reserves the first three of the specific numbers.

On SMS/800 side:

Stop one of the transactions to have numbers in waiting: ZM3TN31x (B) for 800 or (C) for 888 or (D) for 877.

The OS sends the following message: REQ-NSR message to reserve the 10 original numbers in the same NPA.

C. EXPECTED RESULTS:

SMS/800 responds with the following responses: The first RSP-NSR will return 10 spare numbers after the search. The second RSP-NSR will return 3 reserved numbers and the third RSP-NSR will return that numbers are in WAITING, at the transaction time out and partial completed message with error code 99.

On SMS/800 side start one of the transaction that was stopped:

A UNS-NSR message will sent to the OS:

```
UNS-NSR:,date,time:::::MID=mid,RO=ro:CNT=10:NUM=num1,STAT=FAILED,  
ERR=06:NUM=num2,STAT=FAILED,ERR=06:NUM=num3,STAT=FAILED,ERR=06:NUM=num4,ST  
AT=RESERVE:NUM=num5,STAT=RESERVE:=num6,STAT=RESERVE:NUM=num7,  
STAT=RESERVE:NUM=num8,STAT=RESERVE:NUM=num9,STAT=RESERVE:NUM=num10,  
STAT=RESERVE;
```

D. COMMENTS:

On SMS/800 side we will verify that the numbers were deleted from the locker data base.

Test Case # 87 UNS-NSR for specific #'s in same NPA with errors 6 & 11**A. PURPOSE:**

Tests that a UNS-NSR message is generated for specific non-spared number reservation in the same NPA for which the transaction did not complete previously. All numbers statuses are changed from WAITING at time out, to FAILED after the transaction is completed.

B. TEST PROCEDURE:

On SMS/800 side:

Stop one of the transactions to have numbers in waiting: ZM3TN31x (B) for 800 or (C) for 888 or (D) for 877.

The OS sends the following message: REQ-NSR message to reserve 10 specific non-spared numbers (reserved, working, transitional) in a different Resp Org in the same NPA.

C. EXPECTED RESULTS:

SMS/800 responds with the following responses:

At time out, an RSP-NSR will be returned with COMPLD,11 and error code 99. On SMS/800 side start the transaction: /START TRAN ZM3TN31x. Verify that the numbers statuses changed to FAILED with error code 11 for transitional or 06 for number not available. A UNS-NSR will be sent to the OS:

```
UNS-NSR:,date,time:::::MID=mid,RO=ro:CNT=10:NUM=num1,STAT=FAILED,  
ERR=err:NUM=num2,STAT=FAILED,ERR=err:NUM=num3,STAT=FAILED,ERR=err:  
NUM=num4,STAT=FAILED,ERR=err:NUM=num5,STAT=FAILED,ERR=err:NUM=num6,  
STAT=FAILED,ERR=err:NUM=num7,STAT=FAILED,ERR=err:NUM=num8,STAT=FAILED,  
ERR=err:NUM=num9,STAT=FAILED,ERR=err:NUM=num10,STAT=FAILED,ERR=err;
```

D. COMMENTS:

The numbers are not reserved. Also, on SMS/800 side we will verify that the numbers were deleted from the locker data base. This test case be processed using multiple NPA's and the results will be the same.

5.8 NUMBER ADMINISTRATION UNSOLICITED MESSAGE UNS-RSV

The coordination with Help Desk or the support group to set FCT for UNS-RSV-MSG = ON and the GUN setting the On-Line-Reservation entry to ‘Y’ with proper CLLIs as the Deliver To CLLI are required for testing these testcases.

Test Case # 88 No UNS-RSV received if UNS-RSV-MSG = OFF

A. PURPOSE:

The FCT is set to OFF. OS will not be notified with the UNS-RSV if the number status changed from Spare or Transitional to Reserve by the 3270 or GUI users. OS verifies that the message is not received.

B. TEST PROCEDURE:

On SMS/800 side:

Set UNS-RSV-MSG = OFF in FCT.

On OS side:

A user who belongs to the same Resp Org as the OS reserve a dial number via 3270 or WBA (GUI).

C. EXPECTED RESULTS:

No UNS-RSV message is received by the OS.

D. COMMENTS:

Coordinate with Help Desk/support to set the feature OFF via 3270.

Test Case # 89 No UNS-RSV received if On-Line-Reservation = N

A. PURPOSE:

The FCT is set to ON. The On-Line-Reservation in GUN for the Control Resp Org is set to N. OS will not be notified with the UNS-RSV if the number status changed from Spare or Transitional to Reserve by the 3270 or GUI users. OS verifies that the message is not received.

B. TEST PROCEDURE:

On SMS/800 side:

Set On-Line-Reservation = N in GUN for the Control Resp Org.

On OS side:

A user who belongs to the same Resp Org as the OS reserve a dial number via 3270 or WBA (GUI).

C. EXPECTED RESULTS:

No UNS-RSV message is received by the OS.

D. COMMENTS:

Coordinate with Help Desk/support to set the GUN entry OFF via 3270.

Test Case # 90 UNS-RSV received for reserving a Dial number**A. PURPOSE:**

The FCT is set to ON. The On-Line-Reservation in GUN for the Control Resp Org is set to Y with the proper Deliver To CLLI. OS will be notified with the UNS-RSV if the number status changed from Spare or Transitional to Reserve by the 3270 or GUI users. OS verifies that the message is received.

B. TEST PROCEDURE:

On SMS/800 side:

Set On-Line-Reservation = Y with proper Deliver To CLLI in GUN for the Control Resp Org.

On OS side:

A user who belongs to the same Resp Org as the OS reserve a dial number via 3270 or WBA (GUI).

C. EXPECTED RESULTS:

A UNS-RSV message is received by the OS.

UNSL-RSV,date,time:::::RO=ro,CNT=cnt,NUM=num1;

D. COMMENTS:

Coordinate with Help Desk/support to set the FCT and GUN entry ON via 3270.

Test Case # 91 UNS-RSV received for reserving Max 10 Dial numbers**A. PURPOSE:**

The FCT is set to ON. The On-Line-Reservation in GUN for the Control Resp Org is set to Y with the proper Deliver To CLLI. OS will be notified with the UNS-RSV if the number statuses changed from Spare or Transitional to Reserve by the 3270 or GUI users. OS verifies that the message is received.

B. TEST PROCEDURE:

On SMS/800 side:

Set On-Line-Reservation = Y with proper Deliver To CLLI in GUN for the Control Resp Org.

On OS side:

A user who belongs to the same Resp Org as the OS reserve 10 dial number via 3270 or WBA (GUI).

C. EXPECTED RESULTS:

A UNS-RSV message is received by the OS.

UNS-
RSV,date,time:::::RO=ro,CNT=cnt,NUM=num1,NUM=num2,NUM=num3,NUM=num4,NUM=nu
m5,NUM=num6,NUM=num7,NUM=num8,NUM=num9,NUM=num10;

D. COMMENTS:

Coordinate with Help Desk/support to set the FCT and GUN entry ON via 3270.

Test Case # 92 No UNS-RSV received for Resp Org Change

A. PURPOSE:

The FCT is set to ON. The On-Line-Reservation in GUN for the Control Resp Org is set to Y with the proper Deliver To CLLI. OS will not be notified with the UNS-RSV if the Control Resp Org is changed by the SAC users. OS verifies that the message is not received.

B. TEST PROCEDURE:

On SMS/800 side:

Set On-Line-Reservation = Y with proper Deliver To CLLI in GUN for the Control Resp Org.

On OS side:

A SAC user change the Control Resp Org of a reserved number via 3270 or WBA (GUI).

C. EXPECTED RESULTS:

No UNS-RSV message is received by the OS.

D. COMMENTS:

Coordinate with Help Desk/support to set the FCT and GUN entry ON via 3270.

Test Case # 93 No UNS-RSV received for number stat change by MGI users

A. PURPOSE:

The FCT is set to ON. The On-Line-Reservation in GUN for the Control Resp Org is set to Y with the proper Deliver To CLLI. OS will not be notified with the UNS-RSV if the number statuses changed from Spare or Transitional to Reserve by MGI users. OS verifies that the message is not received.

B. TEST PROCEDURE:

On SMS/800 side:

Set On-Line-Reservation = Y with proper Deliver To CLLI in GUN for the Control Resp Org.

On OS side:

A user who belongs to the same Resp Org as the OS reserve 10 dial number via MGI.

C. EXPECTED RESULTS:

No UNS-RSV message is received by the OS.

D. COMMENTS:

Coordinate with Help Desk/support to set the FCT and GUN entry ON via 3270.

6. CUSTOMER RECORD ADMINISTRATION (REQ-CRA - REQ-CRC)

The test cases for both REQ-CRA and REQ-CRC require that the MGI user process them with or without Customer Notification and Approval feature turned on. See Section on Carrier Notification and Approval for test cases that user can process to verify CNA. Note that the “converted RCC records” do not trigger CNA. Also, the attempt of change or disconnect the “converted RCC records” will be unsuccessful. Users may also use REQ-CRQ/RSP-CRQ MGI pair of messages to verify the status of the Customer Record. The RSP-CRQ will provide the user during testing the status values of a particular record in SMS/800.

6.1 UPDATE CUSTOMER RECORD (REQ-CRA)

Test Case # 94 New CR - Turnaround - Use ED and ET

A. PURPOSE:

Create a New Customer Record with DIAL# Turnaround.

B. TEST PROCEDURE:

The OS sends this message:

Record has a future effective date and time, SO, TEL= an DIAL#, ANET=US, LSO=lso (not = 1st 6 digits of TEL) and an INTERC CARRIER.

```
REQ-CRA:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED=ed,ET=et, INTERC=interc,SO=so:  
CNT6=01:ANET=US:CNT8=01:LN=NoListing Name Provided:  
CNT9=01:TEL=tel,LNS=lns,CITY=city,LSO=lso;
```

C. EXPECTED RESULTS:

Successful creation of a New Customer Record.

SMS/800 responds with this message:

```
RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 95 New CR - Turnaround, Minimum Fields**A. PURPOSE:**

Create a New Customer Record with DIAL# Turnaround.

B. TEST PROCEDURE:

The OS sends this message:

A record is being created with effective date = NOW, SO, TEL= an DIAL#, ANET=US and an INTERC CARRIER.

REQ-CRA:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED="NOW",INTERC=interc, SO=so:
CNT6=01:ANET=US:CNT8=01:LN=No Listing Name Provided: CNT9=01:TEL=tel,LNS=lns;

C. EXPECTED RESULTS:

Successful creation of a New Customer Record.

SMS/800 responds with this message:

RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

The OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 96 New CR - IntraLATA POTS-Minimum Required Fields**A. PURPOSE:**

Create a New Customer Record with intraLATA carrier, AOS = one NPA in a LATA and POTS terminating number within the AOS.

B. TEST PROCEDURE:

The OS sends this message:

A record is being created with effective date = NOW, SO, TEL= a POTS number within the AOS, with an INTRAC CARRIER, AAC, LSO= 1st 6 digits of TEL.

```
REQ-CRA:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED="NOW",INTRAC=intrac, SO=so:  
CNT4=01:AAC=aac:CNT8=01:LN=No Listing Name Provided: CNT9=01:TEL=tel,LNS=lns,LSO=lso;
```

C. EXPECTED RESULTS:

Successful creation of a New Customer Record.

SMS/800 responds with this message:

```
RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

The OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 97 New CR - IntraLATA - POTS**A. PURPOSE:**

Create a New Customer Record with intraLATA carrier, AOS = one NPA in a LATA and POTS terminating number within the AOS.

B. TEST PROCEDURE:

The OS sends this message:

A record is being created with a future ED and ET on the hour, SO, TEL= a POTS number within the AOS, with an INTRAC CARRIER, AAC, LSO= 1st 6 digits of TEL.

```
REQ-CRA:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED=ed,ET=et,INTRAC=intrac,SO=so:  
CNT4=01:AAC=aac:CNT8=01:LN=No Listing Name Provided:  
CNT9=01:TEL=tel,LNS=lns,CITY=city,LSO=lso;
```

C. EXPECTED RESULTS:

Successful creation of a New Customer Record.

SMS/800 responds with this message:

```
RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 98 New CR - Inter & Intra Carrier**A. PURPOSE:**

Create a New Customer Record with an Inter & IntraLATA Carrier with both DIAL# and POTS terminating number.

B. TEST PROCEDURE:

The OS sends this message:

A record is being created with a future ED and ET on the hour, SF, TEL= a POTS number and an DIAL# number(= the NUM), with an INTRAC and INTERC CARRIER, ASTA= 20 state code occurrences, LSO= 1st 6 digits of TEL.

```
REQ-CRA:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED=ed,ET=et,  
INTERC=interc,INTRAC=intrac,SF=sf: CNT7=20:ASTA=asta:ASTA=asta:  
ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:  
ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:  
ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:  
ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:  
Name Provided: CNT9=02:TEL=tel,LNS=lns,CITY=city,  
LSO=lso,UTS=uts:TEL=tel,LNS=lns,CITY=city,LSO=lso,UTS=uts;
```

C. EXPECTED RESULTS:

Successful creation of a New Customer Record.

SMS/800 responds with this message:

```
RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 99 New CR - ED=NOW**A. PURPOSE:**

Create a New Customer Record with effective date = NOW and other fields.

B. TEST PROCEDURE:

The OS sends this message:

ED=NOW, SF, TEL= an DIAL# number(= the NUM), with an INTERC CARRIER, ALBL= multiple LATAs, NPAs, states and NPA NXX values and LSO=lso

REQ-CRA:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED="NOW",
INTERC=interc,INTRAC=intrac,HDD=N,SF=sf: CNT3=04:ALBL=albl:
ALBL=albl:ALBL=albl:ALBL=albl:CNT8=01:LN=No Listing Name Provided:
CNT9=01:TEL=tel,LNS=lns,CITY=city,LSO=lso;

C. EXPECTED RESULTS:

Successful creation of a New Customer Record.

SMS/800 responds with this message:

RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

The OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 100 Multiple NOW AC=N & ACTIVE Exists, None in next 15

A. PURPOSE:

Create NOW records when an ACTIVE record exists in the same 15 minute window, none in next 15 minute window.

B. TEST PROCEDURE:

Using the message syntax in *Test Case # 99, Page 123* and AC=N, create an ACTIVE record when an ACTIVE record exists in the same 15 minute window and no record exists in next 15 minute window.

C. EXPECTED RESULTS:

Record will be denied with error code 72.

D. COMMENTS:

This test case must be done using all available NPAs.

Test Case # 101 Multiple NOW-AC=N & DISCONNECT Exists-None in Next 15

A. PURPOSE:

Create NOW records when an DISCONNECT record exists in the same 15 minute window, none in next 15 minute window.

B. TEST PROCEDURE:

Using the message syntax in *Test Case # 99, Page 123* and AC=N, create an ACTIVE record when a DISCONNECT record exists in the same 15 minute window and no record exists in next 15 minute window.

C. EXPECTED RESULTS:

Record will be created in next 15 minute window.

D. COMMENTS:

This test case must be done using all available NPAs.

Test Case # 102 Multiple NOW AC=C & ACTIVE Exists-No Record in Next 15

A. PURPOSE:

Create NOW records when an ACTIVE record exists in the same 15 minute window, No Record in next 15 minute window.

B. TEST PROCEDURE:

Using the message syntax in *Test Case # 99, Page 123* and AC=C, create an ACTIVE record when an ACTIVE record exists in the same 15 minute window and no record exists in next 15 minute window.

C. EXPECTED RESULTS:

Record will be created in next 15 minute window.

D. COMMENTS:

This test case must be done using all available NPAs.

Test Case # 103 Multiple NOW AC=C ACTIVE Exists, PENDING in Next 15

A. PURPOSE:

Create NOW records when an ACTIVE record exists in the same 15 minute window, PENDING in next 15 minute window.

B. TEST PROCEDURE:

Using the message syntax in *Test Case # 99, Page 123* and AC=C, create an ACTIVE record when an ACTIVE record exists in the same 15 minute window and an ACTIVE record exists in next 15 minute window.

C. EXPECTED RESULTS:

Record will be denied with error code 61.

D. COMMENTS:

This test case must be done using all available NPAs.

Test Case # 104 Multiple NOW AC=T & ACTIVE Exists No Record in Next 15

A. PURPOSE:

Transfer to NOW records when an ACTIVE record exists in the same 15 minute window, No Record in next 15 minute window.

B. TEST PROCEDURE:

Using the message syntax in *Test Case # 99, Page 123* and AC=T, Transfer a record to NOW when an ACTIVE record exists in the same 15 minute window and no record exists in next 15 minute window.

C. EXPECTED RESULTS:

Record will be created in next 15 minute window.

D. COMMENTS:

This test case must be done using all available NPAs.

Test Case # 105 Multiple NOW AC=T & ACTIVE Exists PENDING in Next 15

A. PURPOSE:

Transfer records to NOW when an ACTIVE record exists in the same 15 minute window, PENDING in next 15 minute window.

B. TEST PROCEDURE:

Using the message syntax in *Test Case # 99, Page 123* and AC=C, create an ACTIVE record when an ACTIVE record exists in the same 15 minute window and an ACTIVE record exists in next 15 minute window.

C. EXPECTED RESULTS:

Record will be denied with error code 61.

D. COMMENTS:

This test case must be done using all available NPAs.

Test Case # 106 Multiple NOW AC=D & ACTIVE Exists No Record in Next 15

A. PURPOSE:

Disconnect to NOW records when an ACTIVE record exists in the same 15 minute window, No Record in next 15 minute window.

B. TEST PROCEDURE:

Using the message syntax in *Test Case # 99, Page 123* and AC=D, Disconnect a record to NOW when an ACTIVE record exists in the same 15 minute window and no record exists in next 15 minute window.

C. EXPECTED RESULTS:

Record will be created in next 15 minute window.

D. COMMENTS:

This test case must be done using all available NPAs.

Test Case # 107 Multiple NOW AC=D & ACTIVE Exists, PENDING in Next 15

A. PURPOSE:

Disconnect records to NOW when an ACTIVE record exists in the same 15 minute window, PENDING in next 15 minute window.

B. TEST PROCEDURE:

Using the message syntax in *Test Case # 99, Page 123* and AC=D, create a Disconnect record when an ACTIVE record exists in the same 15 minute window and an ACTIVE record exists in next 15 minute window.

C. EXPECTED RESULTS:

Record will be denied with error code 10.

D. COMMENTS:

This test case must be done using all available NPAs.

Test Case # 108 Multiple NOW AC=T & FAILED Exists No Record in Next 15

A. PURPOSE:

Create NOW records when a FAILED record exists in the same 15 minute window, No Record in next 15 minute window.

B. TEST PROCEDURE:

Using the message syntax in *Test Case # 99, Page 123* and AC=T, Create a NOW record when a FAILED record exists in the same 15 minute window and no record exists in next 15 minute window.

C. EXPECTED RESULTS:

Record will be created in current 15 minute window.

D. COMMENTS:

This test case must be done using all available NPAs.

Test Case # 109 Multiple NOW AC=T & FAILED Exists No Recrd in Next 15

A. PURPOSE:

Create NOW records when a FAILED record exists in the same 15 minute window, No Record in next 15 minute window.

B. TEST PROCEDURE:

Using the message syntax in *Test Case # 99, Page 123* and AC=T, Create a NOW record when a FAILED record exists in the same 15 minute window and no record exists in next 15 minute window.

C. EXPECTED RESULTS:

Record will be created in current 15 minute window.

D. COMMENTS:

This test case must be done using all available NPAs.

Test Case # 110 Multiple NOW AC=T & FAILED Exists No Recrd in Next 15

A. PURPOSE:

Transfer pending record to NOW when a FAILED record exists in the same 15 minute window, No Record in next 15 minute window.

B. TEST PROCEDURE:

Using the message syntax in *Test Case # 99, Page 123* and AC=T, Transfer pending record to NOW when a FAILED record exists in the same 15 minute window and no record exists in next 15 minute window.

C. EXPECTED RESULTS:

Record will be created in current 15 minute window.

D. COMMENTS:

This test case must be done using all available NPAs.

Test Case # 111 Multiple NOW AC=D & FAILED Exists No Record in Next 15

A. PURPOSE:

Disconnect record using NOW when a FAILED record exists in the same 15 minute window, No Record in next 15 minute window.

B. TEST PROCEDURE:

Using the message syntax in *Test Case # 99, Page 123* and AC=D, Disconnect a record using NOW when a FAILED record exists in the same 15 minute window and no record exists in next 15 minute window.

C. EXPECTED RESULTS:

Record will be denied with error code 91.

D. COMMENTS:

This test case must be done using all available NPAs.

Test Case # 112 New CR - Expanded AOS Values**A. PURPOSE:**

Create a New Customer Record with expanded AOS Values.

B. TEST PROCEDURE:

The OS sends this message:

Create a record with a future ED and ET on a quarter hour, SO, TEL= a POTS number, with an INTRAC and INTERC CARRIER, AAC= 34 NPA code occurrence, ALAT= 34 LATA code occurrence, ANET= 8 network occurrence, ASTA= 46 state code occurrence, and LSO=1st 6 digits of TEL

```
REQ-CRA:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED=ed,ET=et, INTERC=interc,
INTRAC=intrac,SO=so:CNT4=34:AAC=aac:AAC=aac:
AAC=aac:AAC=aac:AAC=aac:AAC=aac:AAC=aac:AAC=aac:
AAC=aac:AAC=aac:AAC=aac:AAC=aac: AAC=aac:AAC=aac:AAC=aac:
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CNT5=34:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:
ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:
ALAT=alat:ALAT=alat:ALAT=alat: ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:
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ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:
CNT6=08:ANET=anet:ANET=anet:ANET=anet:ANET=anet:ANET=anet:ANET=anet:
ANET=anet:ANET=anet:CNT7=46:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:
ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:
ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:
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ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:
ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta: CNT8=01:LN=No
Listing Name Provided:CNT9=01:TEL=tel,LNS=lns,CITY=city, LSO=lso;
```

C. EXPECTED RESULTS:

Successful creation of a New Customer Record.

SMS/800 responds with this message:

```
RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 113 New CR - Maximum Parameters

A. PURPOSE:

Create a New Customer Record with an expanded Message as a result of specifying the maximum allowable parameters.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-CRA:,date,time:::ID=id,RO=ro,AC=N,NUM=num,ED=ed,ET=et,CU=cu,
BILL=bill,INTERC=interc,INTRAC=intrac,ABN=abn,DAU=dau,DAT=dat,DD=dd,
HDD=hdd,LI=li,RAO=rao,SF=sf,NOTE=note,AGENT=agent,CUS=cus,LA=la, CBI=cbi,
NCON=ncon,CTEL=ctel:CNT3=16:ALBL=albl:ALBL=albl:ALBL=albl:
ALBL=albl:ALBL=albl:ALBL=albl:ALBL=albl:ALBL=albl:ALBL=albl:
ALBL=albl:ALBL=albl:ALBL=albl:ALBL=albl:ALBL=albl:ALBL=albl:CNT4=34:
AAC=aac:AAC=aac:AAC=aac:AAC=aac:AAC=aac:AAC=aac:AAC=aac:
AAC=aac:AAC=aac:AAC=aac:AAC=aac:AAC=aac:AAC=aac:AAC=aac:AAC=aac:
AAC=aac:AAC=aac:AAC=aac:AAC=aac:AAC=aac:AAC=aac:AAC=aac:AAC=aac:
AAC=aac:AAC=aac:AAC=aac:AAC=aac:AAC=aac:AAC=aac:AAC=aac:AAC=aac:
AAC=aac:CNT5=34:ALAT=alat:ALAT=alat: ALAT=alat:ALAT=alat:ALAT=alat:
ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:
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ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:
CNT6=08:ANET=anet: ANET=anet:ANET=anet:ANET=anet:ANET=anet:
ANET=anet:ANET=anet:ANET=anet:CNT7=46:ASTA=asta:ASTA=asta:ASTA=asta:
ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:
ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:
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ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:
ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:
ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:
CNT8=09:LN=No Listing Name Provided:LN=No Listing Name Provided:LN=No Listing Name
Provided:LN=No Listing Name Provided:LN=No Listing Name Provided :LN=No Listing Name
Provided:LN=No Listing Name Provided:LN=No Listing Name Provided id: LN=No Listing Name Provided:
CNT9=02:TEL=tel,LNS=lns,CITY=city,FSO=fso,HML=hml,LSIS=lsis,
LSO=lso,SFG=sfg,STN=stn,UTS=uts:TEL=tel,LNS=lns,CITY=city,FSO=fso, HML=hml,
LSIS=lsis,LSO=lso,SFG=sfg,STN=stn,UTS=uts;
```

C. EXPECTED RESULTS:

Successful creation of a New Customer Record.

SMS/800 responds with this message:

```
RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 114 New CR - ED Without ET**A. PURPOSE:**

Create a New Customer Record with an Effective Date (ED) and default Effective Time (ET).

B. TEST PROCEDURE:

The OS sends this message:

Create a record with an ED and no ET. SO, TEL= a POTS number, with an INTRAC and INTERC CARRIER, ANET, and LSO = 1st 6 digits of TEL

```
REQ-CRA:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED=ed,INTERC=interc,  
INTRAC=intrac,HDD=Y,SO=so:CNT6=01:ANET=anet:CNT8=01:                LN=No Listing Name  
Provided:CNT9=01:TEL=tel,LNS=lns,CITY=city,LSO=ls;o;
```

C. EXPECTED RESULTS:

Successful creation of a New Customer Record.

SMS/800 responds with this message:

```
RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 115 Disconnect CR - REFER=N**A. PURPOSE:**

Disconnect a Customer Record. The CR to be modified is in PENDING status.

B. TEST PROCEDURE:

The OS sends this message:

Disconnect the record created in *Test Case # 112, Page 136*.

REQ-CRA:,date,time::::ID=id,RO=ro,AC=D,NUM=num,ED=ed,ET=et,REFER=N;

C. EXPECTED RESULTS:

Successful disconnect of a Customer Record.

SMS/800 responds with this message:

RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 116 Disconnect CR - Change Values**A. PURPOSE:**

Modify a Disconnect Customer Record. The CR to be modified is in PENDING status.

B. TEST PROCEDURE:

The OS sends this message:

Disconnect the record created in *Test Case # 114, Page 138*. Change the LN.

REQ-CRA:,date,time::::ID=id,RO=ro,AC=D,NUM=num,ED=ed,ET=et,SEFD=sefd: CNT8=01:LN=ln;

C. EXPECTED RESULTS:

Successful disconnect of a Customer Record.

SMS/800 responds with this message:

RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

E. DEPENDENCY:

Test case *Test Case # 141, Page 166* must be performed prior to this test case.

Test Case # 117 Disconnect CR - Copy and Modify**A. PURPOSE:**

Copy and modify a Disconnect Customer Record to a later effective date.

B. TEST PROCEDURE:

The OS sends this message:

Copy the Disconnect record created in *Test Case # 116, Page 140*. Change the SO.

REQ-CRA:,date,time::::ID=id,RO=ro,AC=D,NUM=num,SEFD=sefd, SO=so;

C. EXPECTED RESULTS:

Successful disconnect of a Customer Record.

SMS/800 responds with this message:

RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 118 Disconnect CR - Modify REFER and EINT**A. PURPOSE:**

Modify the REFER and EINT in a Pending Disconnect Customer Record.

B. TEST PROCEDURE:

The OS sends this message:

Disconnect the record created in *Test Case # 116, Page 140*. Change the REFER and EINT.

```
REQ-CRA:,date,time::::ID=id,RO=ro,AC=D,NUM=num,SEFD=sefd, REFER=N,EINT=eint;
```

C. EXPECTED RESULTS:

Successful disconnect of a Customer Record.

SMS/800 responds with this message:

```
RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 119 Disconnect CR - Delete SF, Add SO**A. PURPOSE:**

Delete the SF and add SO in a Pending Disconnect Customer Record.

B. TEST PROCEDURE:

The OS sends this message:

Disconnect the record created in *Test Case # 99, Page 123*. Delete the SF and add SO.

REQ-CRA:,date,time::::ID=id,RO=ro,AC=D,NUM=num,SEFD=sefd,REFER=N, SO=so,SF="";

C. EXPECTED RESULTS:

Successful disconnect of a Customer Record.

SMS/800 responds with this message:

RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 120 Disconnect CR - ED=NOW**A. PURPOSE:**

Disconnect Pending Customer Record with effective date of NOW.

B. TEST PROCEDURE:

The OS sends this message:

Disconnect the record created in *Test Case # 95, Page 119*.

REQ-CRA:,date,time::::ID=id,RO=ro,AC=D,NUM=num,REFER=N,ED="NOW";

C. EXPECTED RESULTS:

Successful disconnect of a Customer Record.

SMS/800 responds with this message:

RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

The OS will also receive a customer record activation notification (UNS- CRA).

SMS/800 sends this message:

UNS-CRA:,date,time::::RO=ro,ORIGRO=origro,MID=mid,NUM=num,ED=ed,ET=et,
STAT=3,CRMMSGSIZE=crmmsgsize:CNT=cnt:SCP=scp,RES=01,DT=dt;

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 121 Change CR - Without SEFD**A. PURPOSE:**

Change a single instance of a Pending Customer Record without specifying its Source Effective Date and Time (SEFD).

B. TEST PROCEDURE:

The OS sends this message:

Change record created in *Test Case # 97, Page 121.* Add an INTERC.

REQ-CRA:,date,time:::ID=id,RO=ro,AC=C,NUM=num,INTERC=interc;

C. EXPECTED RESULTS:

Successful change of a Customer Record.

SMS/800 responds with this message:

RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 122 Change CR - Copy Forward and Change**A. PURPOSE:**

Copy to a later effective date and change a Customer Record.

B. TEST PROCEDURE:

The OS sends this message:

Copy record from *Test Case # 94, Page 118* forward to new ED and ET. Change other values as well, including 20 ALAT and 6 ASTA state values, and LI to BL.

```
REQ-CRA:,date,time::::ID=id,RO=ro,AC=C,NUM=num,ED=ed,ET=et,SEFD=sefd, LI=BL,  
NOTE=note,TELCO=telco, LA=la,CBI=cbi,NCON=ncon,CTEL=ctel:  
CNT5=20:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:  
ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:  
ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:  
CNT7=06:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta;
```

C. EXPECTED RESULTS:

Successful change of a Customer Record.

SMS/800 responds with this message:

```
RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 123 Change CR - Copy Backward and Change**A. PURPOSE:**

Copy to an earlier effective date and change a Customer Record.

B. TEST PROCEDURE:

The OS sends this message:

Copy record from *Test Case # 122, Page 146* to an earlier Effective Date and Time. Change area of service to a single network and a single state outside of the network. Make LI = LI. Also give NOTES and LA values.

```
REQ-CRA:,date,time::::ID=id,RO=ro,AC=C,NUM=num,ED=ed,ET=et,SEFD=sefd,  
LI=LI,NOTE=note,LA=la:CNT6=01:ANET=anet:CNT7=01:ASTA=asta;
```

C. EXPECTED RESULTS:

Successful change of a Customer Record.

SMS/800 responds with this message:

```
RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 124 Change CR - With SEFD**A. PURPOSE:**

Change the first instance of a multiple instance pending Customer Record.

B. TEST PROCEDURE:

The OS sends this message:

Change record from *Test Case # 123, Page 147* which is the earlier instance. Change area of service again to add a Label that defines 7 NPAs. Change the SO entry to an SF with 4 numeric characters, the NCON to a maximum of 30 characters. also change the TEL and LNS values. Also change the NOTES and LA to new values.

```
REQ-CRA:,date,time::::ID=id,RO=ro,AC=C,NUM=num,SEFD=sefd,NOTE=note,  
LA=la,SO=sf,NCON=ncon:CNT3=07:ALBL=albl:ALBL=albl:ALBL=albl:  
ALBL=albl:ALBL=albl:ALBL=albl:ALBL=albl:CNT9=01:TEL=tel,LNS=lns,  
CITY=city,LSO=lso,UTS=uts;
```

C. EXPECTED RESULTS:

Successful change of a Customer Record.

SMS/800 responds with this message:

```
RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 125 Change CR - Copy Disconnect to Non-Disc**A. PURPOSE:**

Change a Customer Record in disconnect status. SMS assumes that the service is to be restored, and will end the disconnect period by treating the request as a special case of **ac=N**, copying the appropriate information from the disconnected record.

B. TEST PROCEDURE:

The OS sends this message:

Change record from *Test Case # 115, Page 139* to a future effective date.

REQ-CRA:,date,time::::ID=id,RO=ro,AC=C,NUM=num,ED=ed,ET=et,SEFD=sefd;

C. EXPECTED RESULTS:

Successful change of a Customer Record.

SMS/800 responds with this message:

RSP-CRA:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 126 Change CR - Change Carrier**A. PURPOSE:**

Change the carrier in a pending Customer Record.

B. TEST PROCEDURE:

The OS sends this message:

Change record from *Test Case # 94, Page 118*. Change the INTERC carrier.

REQ-CRA:,date,time::::ID=id,RO=ro,AC=C,NUM=num,SEFD=sefd, INTERC=interc;

C. EXPECTED RESULTS:

Successful change of a Customer Record.

SMS/800 responds with this message:

RSP-CRA:,date,time::::COMPLD,00:::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 127 Change CR - Change POTS Number**A. PURPOSE:**

Change the POTS number in a Pending Customer Record.

B. TEST PROCEDURE:

The OS sends this message:

Change record from *Test Case # 121, Page 145*. Change the POTS number.

```
REQ-CRA:,date,time::::ID=id,RO=ro,AC=C,NUM=num,SEFD=sefd:  
CNT9=01:TEL=tel,LNS=lns,CITY=city,LSO=lso,UTS=uts;
```

C. EXPECTED RESULTS:

Successful change of a Customer Record.

SMS/800 responds with this message:

```
RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 128 Change CR - Maximum Parameters

A. PURPOSE:

Change a Customer Record with an expanded Message as a result of specifying the maximum allowable parameters. When NEWRO is included in the request, ED must be NOW.

B. TEST PROCEDURE:

The OS sends this message:

Change record from *Test Case # 113, Page 137.*

```
REQ-CRA:,date,time::::ID=id,RO=ro,AC=C,NUM=num,ED=ed,ET=et,CU=cu,SEFD=sefd,
NEWRO=newro,INTERC=interc,INTRAC=intrac,ABN=abn,DAU=dau, DAT=dat,DD=dd,
HDD=hdd,LI=li,RAO=rao,SF=sf,NOTE=note,AGENT=agent,
CUS=cus,LA=la,CBI=cbi,NCON=ncon,CTEL=ctel:CNT3=16:ALBL=albl:ALBL=albl:
ALBL=albl:ALBL=albl:ALBL=albl:ALBL=albl:ALBL=albl:ALBL=albl:ALBL=albl:
ALBL=albl:ALBL=albl:ALBL=albl:ALBL=albl:ALBL=albl:ALBL=albl:ALBL=albl:
CNT4=34:AAC=aac: AAC=aac: AAC=aac: AAC=aac: AAC=aac: AAC=aac: AAC=aac:
AAC=aac: AAC=aac: AAC=aac: AAC=aac: AAC=aac: AAC=aac: AAC=aac: AAC=aac:
AAC=aac: AAC=aac: AAC=aac: AAC=aac: AAC=aac: AAC=aac: AAC=aac: AAC=aac:
AAC=aac: AAC=aac: AAC=aac: AAC=aac: AAC=aac: AAC=aac: AAC=aac: CNT5=34:ALAT=alat:ALAT=a
lat:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat: ALAT=alat:
ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:
ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:
ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:
ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:ALAT=alat:
CNT6=08:ANET=anet:ANET=anet:ANET=anet:ANET=anet:ANET=anet:ANET=anet:
ANET=anet:ANET=anet:ANET=anet:CNT7=46:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:
ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:
ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:
ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:
ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:
ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta:ASTA=asta: CNT8=09:LN=No
Listing Name Provided:LN=No Listing Name Provided: LN=No Listing Name Provided:LN=No Listing
Name Provided: LN=No Listing Name Provided:LN=No Listing Name Provided: LN=No
Listing Name Provided:LN=No Listing Name Prov ided: LN=No Listing Name
Provided:CNT9=02:TEL=tel,LNS=lns,CITY=city,FSO=fso,
HML=hml,LSIS=lsis,LSO=lso,SFG=sfg,STN=stn,UTS=uts:TEL=tel,LNS=lns, CITY=city,FSO=fso,
HML=hml,LSIS=lsis,LSO=lso,SFG=sfg,STN=stn,UTS=uts;
```

C. EXPECTED RESULTS:

Successful change of a Customer Record.

SMS/800 responds with this message:

RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption- The number is owned by the Resp Org.

Test Case # 129 Change CR - Change Multiple Parameters**A. PURPOSE:**

Change multiple parameters in a pending Customer Record.

B. TEST PROCEDURE:

The OS sends this message:

Change record from *Test Case # 128, Page 152*. Change the CITY and UTS values, change the SF to SO, change DAU to N and add 2 networks to AOS.

REQ-CRA:,date,time:::::ID=id,RO=ro,AC=C,NUM=num,SEFD=sefd,SO=so,SF="";
DAU=N:CNT6=02:ANET=anet:ANET=anet:CNT9=02:TEL=tel,LNS=lns,CITY=city,FSO=fso,
HML=hml,LSIS=lsis,LSO=lso,SFG=sfg,STN=stn,UTS=uts: TEL=tel,LNS=lns,CITY=city,FSO=fso,
HML=hml,LSIS=lsis,LSO=lso, SFG=sfg,STN=stn,UTS=uts;

C. EXPECTED RESULTS:

Successful change of a Customer Record.

SMS/800 responds with this message:

RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 130 Insert CR for RO Change causing MUST CHECK**A. PURPOSE:**

When a CR is inserted for a RESP ORG change before a pending record, the pending record goes MUST CHECK.

B. TEST PROCEDURE:

Using the pending record of *Test Case # 94, Page 118*, insert a NOW record that changes the RESP ORG. Use the following format:

REQ-CRA:,date,time::::ID=id,RO=ro,AC=C,ED="NOW",NUM=num, NEWRO=newro,SEFD=sefd;

C. EXPECTED RESULTS:

The OS receives the following response message (EDMC & ETMC no longer returned):

RSP-CRA:,date,time::::COMPLD,11::ID=id,RO=ro,NUM=num,ED=ed, ET=et:CNTA=cnta:ERR1=38;

Update the *Test Case # 94, Page 118* CR back to pending.

Test Case # 131 Insert CR for Routing Change - Result MUST CHECK**A. PURPOSE:**

When a CR is inserted for a routing change before a pending record, the pending record goes MUST CHECK.

B. TEST PROCEDURE:

Using the pending record of *Test Case # 94, Page 118*, insert a NOW record that changes routing information. Use the following format:

REQ-CRA:,date,time::::ID=id,RO=ro,AC=C,ED="NOW",NUM=num,SEFD=sefd, INTERC=interc;

C. EXPECTED RESULTS:

The OS receives the following response message:

RSP-CRA:,date,time::::COMPLD,11::ID=id,RO=ro,NUM=num,ED=ed,ET=et: CNTA=cnta:ERR1=38;

Test Case # 132 Insert CR In Front of HOLD & PENDING - MUST CHECK**A. PURPOSE:**

When a CR is inserted before a hold and pending record, the pending record goes MUST CHECK.

B. TEST PROCEDURE:

Create 2 pending CRs using *Test Case # 94, Page 118*. Modify the earliest pending record to HOLD status. Insert a NOW record that changes routing information. Use the following format:

REQ-CRA:,date,time::::ID=id,RO=ro,AC=C,ED="NOW",NUM=num,SEFD=sefd, INTERC=interc;

C. EXPECTED RESULTS:

The OS receives the following response message:

RSP-CRA:,date,time::::COMPLD,11::ID=id,RO=ro,NUM=num,ED=ed,ET=et: CNTA=cnta:ERR1=38;

Test Case # 133 Insert Invalid CR - Causing MUST CHECK**A. PURPOSE:**

When an invalid CR is inserted before a pending record, the pending record goes MUST CHECK.

B. TEST PROCEDURE:

Use the pending record of *Test Case # 94, Page 118*. Insert an invalid NOW record that changes routing information. Use the following format:

```
REQ-CRA:,date,time::::ID=id,RO=ro,AC=C,ED="NOW",NUM=num,  
INTRAC=intrac,SO=so,CNT4=01:AAC=405:CNT8=01:LN=No List Name  
provided:CNT09=01:TEL=tel,LNS=Ins,LSO=ls;o;
```

C. EXPECTED RESULTS:

The OS receives the following response message:

```
RSP-CRA:,date,time::::DENIED,10::ID=id,RO=ro,NUM=num,ED=ed,ET=et: CNTA=cnta:ERR1=38;
```

Test Case # 134 Insert Invalid CR Chng RESP ORG Causing MUST CHECK**A. PURPOSE:**

When an invalid CR is inserted before a pending record and the RESP ORG is changed, the pending record goes MUST CHECK.

B. TEST PROCEDURE:

Use the pending record of *Test Case # 94, Page 118*. Insert an invalid NOW record that changes RESP ORG. Use the following format:

REQ-CRA:,date,time::::ID=id,RO=ro,AC=C,ED="NOW",NUM=num,
INTRAC=intrac,NEWRO=newro,SO=so,CNT4=01:AAC=405:CNT8=01:LN=No Listing Name provided:
CNT09=01:TEL=tel,LNS=lns,LSO=lso;

C. EXPECTED RESULTS:

The OS receives the following response message:

RSP-CRA:,date,time::::DENIED,10::ID=id,RO=ro,NUM=num,ED=ed,ET=et: CNTA=cnta:ERR1=38;

Test Case # 135 Modify Resp Org on a Pending CR is not allowed**A. PURPOSE:**

When modifying a pending CR by changing RESP ORG, is not allowed.

B. TEST PROCEDURE:

Create 2 pending CR using *Test Case # 94, Page 118*. Modify the first pending CR changing the RESP ORG. Use the following format:

REQ-CRA:,date,time::::ID=id,RO=ro,AC=C,ED=ed,ET=et,NUM=num, INTRAC=intrac,
NEWRO=newro,SO=so,CNT6=01:ANET=US:CNT8=01:LN=No Listing Name
provided:CNT09=01:TEL=tel,LNS=lns,CITY=city,LSO=lso;

C. EXPECTED RESULTS:

The OS receives the following response message:

RSP-CRA:,date,time::::DENIED,01::ID=id,RO=ro,NUM=num,ED=ed,ET=et:
CNT=cnt:ERR=99,VERR="RO CHANGE NOW";

Test Case # 136 Transfer CR - Single Instance Forward**A. PURPOSE:**

Transfer a single instance of a pending Customer Record forward with no change.

B. TEST PROCEDURE:

The OS sends this message:

Transfer record from *Test Case # 97, Page 121* (single instance) to a later ED & ET.

REQ-CRA:,date,time::::ID=id,RO=ro,AC=T,NUM=num,ED=ed,ET=et;

C. EXPECTED RESULTS:

Successful transfer of a Customer Record.

SMS/800 responds with this message:

RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 137 Transfer CR - Single Instance Back To NOW

A. PURPOSE:

Transfer a single instance of a pending Customer Record back to NOW with no changes.

B. TEST PROCEDURE:

The OS sends this message:

Transfer record from *Test Case # 136, Page 161* earlier to ED=NOW.

REQ-CRA:,date,time::::ID=id,RO=ro,AC=T,NUM=num,ED="NOW";

C. EXPECTED RESULTS:

Successful transfer of a Customer Record.

SMS/800 responds with this message:

RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

The OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 138 Transfer CR - Backward with changes**A. PURPOSE:**

Transfer a multiple instance of a pending Customer Record backward with changes.

B. TEST PROCEDURE:

The OS sends this message:

Transfer record from *Test Case # 122, Page 146* (2 instances in order *Test Case # 94, Page 118* and *Test Case # 122, Page 146*) to an earlier effective date but to an effective date later than *Test Case # 94, Page 118*. Change the LA and the DIAL# in the TEL to a POTS number and add an INTRAC carrier.

```
REQ-CRA:,date,time::::ID=id,RO=ro,AC=T,NUM=num,ED=ed,ET=et,SEFD=sefd,  
INTRAC=intrac,LA=la:CNT9=01:TEL=tel,LNS=lns,CITY=city,LSO=lso,UTS=uts;
```

C. EXPECTED RESULTS:

Successful transfer of a Customer Record.

SMS/800 responds with this message:

```
RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 139 Transfer CR - Forward with change**A. PURPOSE:**

Transfer a multiple instance of a pending Customer Record forward with a change.

B. TEST PROCEDURE:

The OS sends this message:

Transfer record from *Test Case # 138, Page 163* (2 instances from *Test Case # 94, Page 118* and *Test Case # 138, Page 163*) to a later effective date. Change the INTERC carrier.

REQ-CRA:,date,time::::ID=id,RO=ro,AC=T,NUM=num,ED=ed,ET=et,SEFD=sefd, INTERC=interc;

C. EXPECTED RESULTS:

Successful transfer of a Customer Record.

SMS/800 responds with this message:

RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 140 Transfer CR - Disconnect Record Forward**A. PURPOSE:**

Transfer a Pending Disconnect Customer Record Forward.

B. TEST PROCEDURE:

The OS sends this message:

Transfer record from *Test Case # 115, Page 139* to a later effective date. Change the INTERC carrier.

REQ-CRA:,date,time::::ID=id,RO=ro,AC=T,NUM=num,ED=ed,ET=et,SEFD=sefd, INTERC=interc;

C. EXPECTED RESULTS:

Successful transfer of a Customer Record.

SMS/800 responds with this message:

RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 141 Transfer CR - Disconnect Record Backward**A. PURPOSE:**

Transfer a Pending Disconnect Customer Record to earlier ED.

B. TEST PROCEDURE:

The OS sends this message:

Transfer record from *Test Case # 140, Page 165* to an earlier effective date, but not earlier than *Test Case # 112, Page 136*. Change the Referral and intercept data.

REQ-CRA:,date,time::::ID=id,RO=ro,AC=T,NUM=num,ED=ed,ET=et,SEFD=sefd,
REFER=refer,EINT=eint;

C. EXPECTED RESULTS:

Successful transfer of a Customer Record.

SMS/800 responds with this message:

RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 142 Transfer CR - Disconnect Record NOW**A. PURPOSE:**

Transfer a Pending Disconnect Customer Record to ED NOW.

B. TEST PROCEDURE:

The OS sends this message:

Transfer record from *Test Case # 119, Page 143* to effective date of NOW. Change the Referral and intercept data.

```
REQ-CRA:,date,time::::ID=id,RO=ro,AC=T,NUM=num,ED="NOW",SEFD=sefd,  
REFER=refer,EINT=eint;
```

C. EXPECTED RESULTS:

Successful transfer of a Customer Record.

SMS/800 responds with this message:

```
RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

The OS will also receive a customer record activation notification (UNS-CRA), when the Status of the record goes to Disconnect.

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 143 Transfer CR - To NOW, Remove HDD**A. PURPOSE:**

Transfer a Customer Record to ED NOW.

B. TEST PROCEDURE:

The OS sends this message:

Transfer record from *Test Case # 114, Page 138* to effective date of NOW. Remove the HDD.

REQ-CRA:,date,time::::ID=id,RO=ro,AC=T,NUM=num,ED="NOW",SEFD=sefd, HDD=;

C. EXPECTED RESULTS:

Successful transfer of a Customer Record.

SMS/800 responds with this message:

RSP-CRA:,date,time::::COMPLD,00:::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

The OS will also receive a customer record activation notification (UNS-CRA), when the Status of the record goes to Active.

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 144 Resend CR - Disconnect Record**A. PURPOSE:**

Resend a Disconnect Customer Record.

B. TEST PROCEDURE:

The OS sends this message:

Resend the record Disconnected in *Test Case # 142, Page 167.*

REQ-CRA:,date,time::::ID=id,RO=ro,AC=R,NUM=num,ED=ed,ET=et;

C. EXPECTED RESULTS:

Successful resend of a Customer Record.

SMS/800 responds with this message:

RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

E. DEPENDENCY:

The effective date and time of *Test Case # 115, Page 139* must have arrived which caused this record to be loaded in the SCPs.

Test Case # 145 Resend CR - Active Record

A. PURPOSE:

Resend an Active Customer Record.

B. TEST PROCEDURE:

The OS sends this message:

Resend the record created in *Test Case # 94, Page 118.*

REQ-CRA:,date,time::::ID=id,RO=ro,AC=R,NUM=num,ED=ed,ET=et;

C. EXPECTED RESULTS:

Successful resend of a Customer Record.

SMS/800 responds with this message:

RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 146 Resend CR - Failed or Sending Status**A. PURPOSE:**

Resend a Customer Record in Failed or Sending Status.

B. TEST PROCEDURE:

The OS sends this message:

REQ-CRA:,date,time::::ID=id,RO=ro,AC=R,NUM=num,ED=ed,ET=et;

C. EXPECTED RESULTS:

Successful resend of a Customer Record.

SMS/800 responds with this message:

RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

The OS will also receive a customer record activation notification (UNS-CRA), if the Status of the record goes to Active or Disconnect.

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

E. DEPENDENCY:

A Failed or Sending Status record needs to be created.

Test Case # 147 Delete CR - Single Instance

A. PURPOSE:

Delete the only instance of a pending Customer Record.

B. TEST PROCEDURE:

The OS sends this message:

Delete the record created in *Test Case # 98, Page 122.*

REQ-CRA:,date,time::::ID=id,RO=ro,AC=X,NUM=num,ED=ed,ET=et;

C. EXPECTED RESULTS:

Successful delete of a Customer Record.

SMS/800 responds with this message:

RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 148 Delete CR - One Of Many

A. PURPOSE:

Delete last instance of pending Customer Record.

B. TEST PROCEDURE:

The OS sends this message:

Delete the record Transferred in *Test Case # 139, Page 164* (2 instances from *Test Case # 94, Page 118* and *Test Case # 124, Page 148*).

REQ-CRA:,date,time:::ID=id,RO=ro,AC=X,NUM=num,ED=ed,ET=et;

C. EXPECTED RESULTS:

Successful delete of a Customer Record.

SMS/800 responds with this message:

RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 149 Delete CR - Pending Disconnect

A. PURPOSE:

Delete the last instance of a pending Disconnect Customer Record.

B. TEST PROCEDURE:

The OS sends this message:

Delete the record Transferred in *Test Case # 139, Page 164*

REQ-CRA:,date,time::::ID=id,RO=ro,AC=X,NUM=num,ED=ed,ET=et;

C. EXPECTED RESULTS:

Successful delete of a Customer Record.

SMS/800 responds with this message:

RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 150 Successful Delete CR & spare number**A. PURPOSE:**

Delete the last instance of a pending Customer Record with DCSN tag=Y.

B. TEST PROCEDURE:

The OS sends this message:

Delete the record Transferred in *Test Case # 139, Page 164*

REQ-CRA:,date,time::::ID=id,RO=ro,AC=X,NUM=num,ED=ed,ET=et,DCSN=Y;

C. EXPECTED RESULTS:

The customer record is successfully deleted. The dial number is spare.

SMS/800 responds with this message:

RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org. The number's Reserve Until Date has passed.

Test Case # 151 Unsuccessful Delete CR & number not spare**A. PURPOSE:**

Delete the last instance of a pending Customer Record with DCSN tag=N.

B. TEST PROCEDURE:

The OS sends this message:

Delete the record Transferred in *Test Case # 139, Page 164*

REQ-CRA:,date,time::::ID=id,RO=ro,AC=X,NUM=num,ED=ed,ET=et,DCSN=N;

C. EXPECTED RESULTS:

The Customer Record is not deleted.

SMS/800 responds with this message:

RSP-
CRA:,date,time::::DENIED,01::ID=id,RO=ro,NUM=num,ED=ed,ET=et:CNT=01:ERR=99,VERR=verr;

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org. The number's Reserve Until Date has passed.

Test Case # 152 Update Successful If Same Network's LBL Used-CRA**A. PURPOSE:**

Create a new CR via REQ-CRA, where the AOS Label entered in the albl field belongs to the user's network.

B. TEST PROCEDURE:

From the OS send the following message.

```
REQ-CRA:,date,time::::ID=MGIXXX01,RO=MGI01,AC=N,NUM="DIAL#",ED="NOW",
SO=N2323441,NOTE="BASIC RECORD",INTERC="288",INTRAC="OTC":
CNT3=01:ALBL="AOSMGI1":CNT8=01:LN="TELCORDIA":CNT9=002:TEL="DIAL#",
LNS=800:TEL="POTS number",LNS=800,LSO=NPANXX;
```

C. EXPECTED RESULTS:

The following response is received:

```
RSP-CRA:,date,time:::COMPLD,00::ID=MGIXXX01,RO=MGI01,NUM="DIAL#", ED="effective
date",ET="effective time";
```

D. COMMENTS:

Receive successful update response.

6.2 UPDATE CUSTOMER RECORD (REQ-CRA) - ERROR

Test Case # 153 New CR -Error-Needs INTERC, Stored In SMS

A. PURPOSE:

Attempt to create a customer record where an AAC equals an NPA that crosses LATA boundaries is specified and an IntraLATA carrier is not specified.

B. TEST PROCEDURE:

Send a message to create a record with effective date = NOW, SO, TEL= a POTS number within the AOS, with an INTRAC CARRIER, LSO= 1st 6 digits of TEL, and AAC= an NPA that crosses LATA boundaries i.e. 405.

REQ-CRA:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED="NOW",INTRAC=intrac, SO=so:
CNT4=01:AAC=405:CNT8=01:LN=No Listing Name Provided: CNT9=01:TEL=tel,LNS=lns,LSO=lso;

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

RSP-CRA:,date,time::::DENIED,10:::ID=id,RO=ro,NUM=num,
ED=ed,ET=et:CNT=01:ERR=36,VERR="NEEDS INTERC";

D. COMMENTS:

Prerequisite assumption - The submitted REQ-CRA message to Add a Customer Record has an AAC = an NPA that crosses LATA boundaries i.e. 405.

Test Case # 154 New CR -Error-duplicate Fields**A. PURPOSE:**

Attempt to create a customer record where parameter SO is specified twice.

B. TEST PROCEDURE:

Send a message to create a record with effective date = NOW, 2 SO parameters, TEL= a POTS number within the AOS, with an INTRAC CARRIER, LSO= 1st 6 digits of TEL, and an AAC.

```
REQ-CRA:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED="NOW",INTRAC=intrac, SO=so:  
CNT4=01:AAC=aac:CNT8=01:LN=No Listing Name Provided: CNT9=01:TEL=tel,LNS=lns,LSO=lso:  
SO=so;
```

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

```
RSP-CRA:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,  
ED=ed,ET=et:_CNT=01:ERR=04,VERR="SO:so";
```

D. COMMENTS:

This test fails because parameter SO is submitted twice.

Test Case # 155 New CR -Error-Number Not Reserved**A. PURPOSE:**

Attempt to create a customer record where the number has not been reserved.

B. TEST PROCEDURE:

Send a message to create a record where the DIAL# has not been reserved with effective date = NOW, 1 SO parameter, TEL= a POTS number within the AOS, with an INTRAC CARRIER, LSO= 1st 6 digits of TEL, and an AAC.

```
REQ-CRA:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED="NOW",INTRAC=intrac,  
SO=so:CNT4=01:AAC=aac:CNT8=01:LN=No Listing Name Provided:  
CNT9=01:TEL=tel,LNS=lns,LSO=ls;
```

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

```
RSP-CRA:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,  
ED=ed,ET=et:_CNT=01:ERR=41,VERR="NUMBER IS SPARE";
```

D. COMMENTS:

This test fails because the number has not been reserved.

Test Case # 156 New CR -Error-Parsing Validation**A. PURPOSE:**

Attempt to create a record using a message with various message format violations.

B. TEST PROCEDURE:

Send a message with various format violations.

```
REQ-CRA:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED=01/02/96, ET=10:30A/  
C,SF=232344,INTERC=ATX,INTRAC=OTC,CU="NNNNNNNNNN",BILL=N,  
ABN=312345678903,DAU=N,DAT=N,DD=02/02/96,HDD="N",LI=LI,  
RAO="123":CNT4=01:AAC=aac: CNT8=01:LN=No Listing Name Provided:  
CNT9=01:TEL=tel,LNS=lns,LSO=lso;
```

C. EXPECTED RESULTS:

The request is denied and results in a response message with applicable error codes.

SMS/800 responds with this message:

```
RSP-CRA:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,ED=ed,ET=et:  
CNT=10:ERR=05,VERR="ED:01/02/96": ERR=05,VERR="ET:10:30A/C":  
ERR=05,VERR="SF:232344": ERR=05,VERR="INTERC:ATX": ERR=05,VERR="INTRAC:OTC":  
ERR=05,VERR="CU:NNNNNNNNNN": ERR=05,VERR="RAO:123":  
ERR=05,VERR="ABN:312345678903": ERR=05,VERR="DD:02/02/96": ERR=05,VERR="HDD:N";
```

D. COMMENTS:

This test fails because the message is submitted with various message format violations.

Test Case # 157 New CR -Error-Required Tag**A. PURPOSE:**

Attempt to create a record using a message with various required tag errors.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-CRA:,1995-11-07,10-10-22-CST::::ID=id,RO=BANJ1,AC=W, NUM="XZZZZ35",ED="11=01/96",ET="NOW",SO=N345542323441, INTERC="ATX",INTRAC="OTC":CNT7=1:ASTA=AL:CNT8=1:LN="TELCORDIA":CNT9=2:TEL="4053777200",CITY="RRC",LNS=1234, LSO=405377:TEL="8006723935",LNS=1234;
```

C. EXPECTED RESULTS:

The request is denied and results in a response message with applicable error codes.

SMS/800 responds with this message:

```
RSP-CRA:,date,time:::DENIED,01::ID=id,RO=BANJ1,NUM="XZZZZ35", ED="11=01/96",ET="NOW":CNT=05:ERR=08,VERR="RO:BANJ1": ERR=09, VERR="AC:W":ERR=05,VERR="NUM:XZZZZ35":ERR=05,VERR="ED:11=01/96":ERR=05,VERR="ET:NOW";
```

D. COMMENTS:

This test fails because the message is submitted with various required tag errors.

Test Case # 158 Change CR -Error-Syntax**A. PURPOSE:**

Attempt to change a customer record using a message with various syntax errors

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-CRA:,1995-11-07,10-10-22-CST::::ID=id,RO=ro,AC=C, NUM="6723938",ED="11/01/  
96",ET="10:30AC",SF="242344",  
INTERC="OTC",INTRAC="OTX",CU=W,BILL=W,ABN="9999999999", DAU=Q,DAT=R,DD="13/01/  
96",HDD=W,LI=WW,RAO=415,NOTE="TEST CASE C2.10";
```

C. EXPECTED RESULTS:

The request is denied and results in a response message with applicable error codes.

SMS/800 responds with this message:

```
RSP-CRA:,date,time::::DENIED,01::ID=id,RO=ro,NUM="6723938",      ED="11/01/96",ET="10:30A/  
C":CNT=09:ERR=34,VERR="NO OTC FOR INTER": ERR=99,VERR="NO OTX FOR  
INTRA":ERR=05,VERR="CU:W":ERR=05,VERR="BILL:W":  
ERR=05,VERR="DAU:Q":ERR=05,VERR="DAT:R":ERR=05,VERR="DD:13/01/96":  
ERR=05,VERR="HDD:W":ERR=05,VERR="LI:WW";
```

D. COMMENTS:

This test fails because the message is submitted with various syntax errors.

Test Case # 159 Change CR -Error-Cross Field**A. PURPOSE:**

Attempt to change a customer record using a message with various cross-field errors

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-CRA:,1995-11-07,10-10-22-CST::::ID=id,RO=ro,AC=C, NUM="6723938",ED="11/01/  
96",ET="10:30A/C",SF="242344",  
INTERC="ATX",INTRAC="ATX",ABN="9999999999",DAU=Y,LI=BL,RAO=415:  
CNT8=01:LN="TELCORDIA":CNT9=01:TEL="8006723939",LNS=1234;
```

C. EXPECTED RESULTS:

The request is denied and results in a response message with applicable error codes.

SMS/800 responds with this message:

```
RSP-CRA:,date,time:::DENIED,01::ID=id,RO=ro,NUM="6723938",      ED="11/01/96", ET="10:30A/  
C":CNT=03:ERR=74,VERR="415/999999999": ERR=49,VERR="BAD DAU:Y/  
LI:BL":ERR=44,VERR="TEL:8006723939";
```

D. COMMENTS:

This test fails because the message is submitted with various cross-field errors.

Test Case # 160 Change CR -Error-Unbalanced Delimiters**A. PURPOSE:**

Attempt to copy a customer record using an invalid DIAL#

B. TEST PROCEDURE:

The OS sends this message:

REQ-CRA:,date,time::::ID=id,RO=ro,AC=C,NUM="ABCDEFG,ED=ed,ET=et;

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code(s).

SMS/800 responds with this message:

RSP-CRA:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,
ED=ed,ET=et:CNT=01:ERR=05,VERR="NUM:ABCDEFG,ED="";

D. COMMENTS:

Prerequisite assumption - The submitted REQ-CRA message to Update Customer Record contained input in error.

This test fails because the number is submitted without a text string delimiters ("").

Test Case # 161 Change CR -Error-Invalid Data In Fields**A. PURPOSE:**

Attempt to copy record forward to new ED and ET and change other values, including 2 ALAT, 6 ASTA state values and LI, all with invalid values.

B. TEST PROCEDURE:

The OS sends this message:

Copy record from *Test Case # 94, Page 118* forward to new ED and ET. Change other values as well, including 2 ALAT, 6 ASTA state values and LI, all with invalid values.

```
REQ-CRA:,date,time::::ID=id,RO=ro,AC=C,NUM=num,ED=ed,ET=et,SEFD=sefd,  
LI=XX,NOTE=note,TELCO=telco,LA=la,CBI=cbi,  
NCON=ncon,CTEL=ctel:CNT5=02:ALAT=AL:ALAT=AT:CNT7=06:  
ASTA=AA:ASTA=BB:ASTA=CC:ASTA=DD:ASTA=EE:ASTA=FF;
```

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code(s). ALAT parameters are decimal numeral fields. Data format error(s) are detected first and if found as in this test case, are reported without verifying for data content errors.

SMS/800 responds with this message:

```
RSP-CRA:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,ED=ed,  
ET=et:CNT=02:ERR=05,VERR="ALAT:AL":ERR=05,VERR="ALAT:AT";
```

D. COMMENTS:

Prerequisite assumption - The submitted REQ-CRA message to Update Customer Record contained input in error.

This test fails because various parameters were submitted with invalid data.

Test Case # 162 Change CR -Error-Too Many Fields**A. PURPOSE:**

Attempt to change a Customer Record in disconnect status to a future effective date and include parameters REFER and EINT

B. TEST PROCEDURE:

The OS sends this message:

Change record to a future effective date as in *Test Case # 125, Page 149* and include parameters REFER and EINT.

REQ-CRA:,date,time::::ID=id,RO=ro,AC=C,NUM=num,ED=ed,ET=et, REFER=,EINT="",SEFD=sefd;

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

RSP-CRA:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,
ED=ed,ET=et:CNT=01:ERR=69,VERR="NO REF/EINT REQ";

D. COMMENTS:

This test fails because parameters REFER and EINT are submitted for an Action Code of C (Change) of a Customer Record.

Test Case # 163 New CR - Error - Too Few Fields**A. PURPOSE:**

Attempt to create a customer record when neither parameters SO nor SF is specified

B. TEST PROCEDURE:

The OS sends this message:

Create a record with effective date = NOW, no SO or SF parameter, TEL= a POTS number within the AOS, with an INTRAC CARRIER, LSO= 1st 6 digits of TEL, and an AAC.

```
REQ-CRA:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED="NOW",INTRAC=intrac,  
CNT4=01:AAC=aac:CNT8=01:LN=No Listing Name Provided: CNT9=01:TEL=tel,LNS=lns,LSO=lso;
```

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

```
RSP-CRA:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,  
ED=ed,ET=et:CNT=01:ERR=02,VERR="SO/SF:MISSING";
```

D. COMMENTS:

This test fails because neither parameters SO or SF is specified.

Test Case # 164 Delete CR - Error - Processing**A. PURPOSE:**

Attempt to delete a customer record with a processing error

B. TEST PROCEDURE:

The OS sends this message:

REQ-CRA:,1992-05-07,10-10-22-CST::::ID=id,RO=ro,AC=X,NUM="8886723938";

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

RSP-CRA:,date,time::::DENIED,01:::ID=id,RO=ro,NUM="8886723938":CNT=01:
ERR=57,VERR="NEEDS ED/ET";

D. COMMENTS:

This test fails because the message is submitted with a processing error.

Test Case # 165 Error If Another Network's SAS Label is Used-CRA**A. PURPOSE:**

Attempt to create a new CR via REQ-CRA, when the AOS Label entered in the albl field belongs to another network.

B. TEST PROCEDURE:

From the OS send the following message.

```
REQ-CRA:,date,time::::ID=MGIXXX01,RO=MGI01,AC=N,NUM="DIAL#",ED="NOW",
SO=N2323441,NOTE="BASIC RECORD",INTERC="222",INTRAC="OTC":CNT3=01:
ALBL="AOSMGI1":CNT8=01:LN="TELCORDIA":CNT9=002:TEL="DIAL#",LNS=800: TEL="POTS
number",LNS=800,LSO=NPANXX;
```

C. EXPECTED RESULTS:

```
RSP-CRA:,date,time:::DENIED,01::ID=MGIXXX01,RO=MGI01,NUM="DIAL#", ED="effective
date",ET="effective time":CNT=1:ERR=86, VERR="ALBL:NOT ALLOWED";
```

D. COMMENTS:

Receive failed update response showing a denied AOS Label error.

Test Case # 166 Network(s) do not support Split Carrier**A. PURPOSE:**

Attempt to create a new CR via REQ-CRA, when network(s) do not support split carrier.

B. TEST PROCEDURE:

From the OS send the following message.

```
REQ-CRA:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED="NOW", SO=so,NOTE="BASIC  
RECORD",INTERC=interc,INTRAC=intrac:CNT6=01: ANET=anet:CNT8=01:LN="LISTING  
NAME":CNT9=001:TEL="DIAL#",LNS=300;
```

C. EXPECTED RESULTS:

```
RSP-CRA:,date,time::::DENIED,01::ID=id,RO=ro,NUM=num, ED=ed,ET=et:CNT=001:ERR=99,  
VERR="NO SPLIT CARRIER";
```

D. COMMENTS:

Receive failed update response. Parameter NO-SPLIT-CARRIER is set for the specific network(s).

Test Case # 167 Network(s) do not support POTS**A. PURPOSE:**

Attempt to create a new CR via REQ-CRA, when network(s) do not support POTS numbers.

B. TEST PROCEDURE:

From the OS send the following message.

```
REQ-CRA:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED="NOW", SO=so,NOTE="BASIC  
RECORD",INTERC=interc,INTRAC=intrac:CNT6=01: ANET=anet:CNT8=01:LN="LISTING  
NAME":CNT9=002:TEL="TEL1",LNS=400: TEL="POTS number",LNS=500,LSO=NPANXX;
```

C. EXPECTED RESULTS:

```
RSP-CRA:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num, ED=ed,ET=et:CNT=001:ERR=99,  
VERR="NO POTS ALLOWED";
```

D. COMMENTS:

Receive failed update response. Parameter NO-POTS-ALLOWED is set for the specific network(s).

6.3 UPDATE SIMPLE CUSTOMER RECORD (REQ-CRC)

Test Case # 168 New Simple CR - Turnaround, Minimum Fields

A. PURPOSE:

Create a New Customer Record with Turnaround CR using only minimum fields.

B. TEST PROCEDURE:

The OS sends this message:

ED contains a future effective date, SO, TEL = an DIAL#, ANET=US and an IEC which contains a valid InterLATA carrier.

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED=ed:  
IEC="CNT1=01,iec1":SO=so:ANET="CNT6=01,US":CNT8=01:LN=No Listing Name  
Provided:_CNT9=01:TEL=tel,LNS=Ins;
```

C. EXPECTED RESULTS:

Successful creation of a New Customer Record.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 169 New Simple CR - Turnaround using ED=NOW**A. PURPOSE:**

Create a New Customer Record which is downloaded to the SCPs immediately.

B. TEST PROCEDURE:

The OS sends this message:

Create a record with effective date = NOW, SO, TEL= an DIAL#, ANET=US and IEC contains a valid InterLATA carrier.

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED="NOW":  
IEC="CNT1=01,iec1":SO=so:ANET="CNT6=01,US":CNT8=01:LN=No Listing Name  
Provided:CNT9=01:TEL=tel,LNS=Ins;
```

C. EXPECTED RESULTS:

Successful creation of a New Customer Record.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

The OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 170 Multiple NOW AC=N & ACTIVE Exists None in Next 15

A. PURPOSE:

Create NOW records when an ACTIVE record exists in the same 15 minute window, none in next 15 minute window.

B. TEST PROCEDURE:

Using the message syntax in *Test Case # 169, Page 194* and AC=N, create an ACTIVE record when an ACTIVE record exists in the same 15 minute window and no record exists in next 15 minute window.

C. EXPECTED RESULTS:

Record will be denied with error code 0202.

D. COMMENTS:

This test case must be done using all available NPAs.

Test Case # 171 Multiple NOW AC=N & DISCONNECT Exists None in Next 15

A. PURPOSE:

Create NOW records when an DISCONNECT record exists in the same 15 minute window, none in next 15 minute window.

B. TEST PROCEDURE:

Using the message syntax in *Test Case # 169, Page 194* and AC=N, create an ACTIVE record when a DISCONNECT record exists in the same 15 minute window and no record exists in next 15 minute window.

C. EXPECTED RESULTS:

Record will be created in next 15 minute window.

D. COMMENTS:

This test case must be done using all available NPAs.

Test Case # 172 Multiple NOW AC=C & ACTIVE Exists No Record in Next 15

A. PURPOSE:

Create NOW records when an ACTIVE record exists in the same 15 minute window, No Record in next 15 minute window.

B. TEST PROCEDURE:

Using the message syntax in *Test Case # 169, Page 194* and AC=C, create an ACTIVE record when an ACTIVE record exists in the same 15 minute window and no record exists in next 15 minute window.

C. EXPECTED RESULTS:

Record will be created in next 15 minute window.

D. COMMENTS:

This test case must be done using all available NPAs.

Test Case # 173 Multiple NOW AC=C & ACTIVE Exists PENDING in Next 15

A. PURPOSE:

Create NOW records when an ACTIVE record exists in the same 15 minute window, PENDING in next 15 minute window.

B. TEST PROCEDURE:

Using the message syntax in *Test Case # 169, Page 194* and AC=C, create an ACTIVE record when an ACTIVE record exists in the same 15 minute window and an ACTIVE record exists in next 15 minute window.

C. EXPECTED RESULTS:

Record will be denied with error code 0308.

D. COMMENTS:

This test case must be done using all available NPAs.

Test Case # 174 Multiple NOW AC=T & ACTIVE Exists No Recrd in Next 15

A. PURPOSE:

Transfer to NOW records when an ACTIVE record exists in the same 15 minute window, No Record in next 15 minute window.

B. TEST PROCEDURE:

Using the message syntax in *Test Case # 169, Page 194* and AC=T, Transfer a record to NOW when an ACTIVE record exists in the same 15 minute window and no record exists in next 15 minute window.

C. EXPECTED RESULTS:

Record will be created in next 15 minute window.

D. COMMENTS:

This test case must be done using all available NPAs.

Test Case # 175 Multiple NOW AC=T & ACTIVE Exists PENDING in Next 15

A. PURPOSE:

Transfer records to NOW when an ACTIVE record exists in the same 15 minute window, PENDING in next 15 minute window.

B. TEST PROCEDURE:

Using the message syntax in *Test Case # 169, Page 194* and AC=C, create an ACTIVE record when an ACTIVE record exists in the same 15 minute window and an ACTIVE record exists in next 15 minute window.

C. EXPECTED RESULTS:

Record will be denied with error code 0502.

D. COMMENTS:

This test case must be done using all available NPAs.

Test Case # 176 Multiple NOW AC=D & ACTIVE Exists No Recrd in Next 15

A. PURPOSE:

Disconnect to NOW records when an ACTIVE record exists in the same 15 minute window, No Record in next 15 minute window.

B. TEST PROCEDURE:

Using the message syntax in *Test Case # 169, Page 194* and AC=D, Disconnect a record to NOW when an ACTIVE record exists in the same 15 minute window and no record exists in next 15 minute window.

C. EXPECTED RESULTS:

Record will be created in next 15 minute window.

D. COMMENTS:

This test case must be done using all available NPAs.

Test Case # 177 Multiple NOW AC=D & ACTIVE Exists, PENDING in Next 15

A. PURPOSE:

Disconnect records to NOW when an ACTIVE record exists in the same 15 minute window, PENDING in next 15 minute window.

B. TEST PROCEDURE:

Using the message syntax in *Test Case # 169, Page 194* and AC=D, create a Disconnect record when an ACTIVE record exists in the same 15 minute window and an ACTIVE record exists in next 15 minute window.

C. EXPECTED RESULTS:

Record will be denied with error code 0409.

D. COMMENTS:

This test case must be done using all available NPAs.

Test Case # 178 Multiple NOW AC=N & FAILED Exists No Recrd in Next 15

A. PURPOSE:

Create NOW records when a FAILED record exists in the same 15 minute window, No Record in next 15 minute window.

B. TEST PROCEDURE:

Using the message syntax in *Test Case # 169, Page 194* and AC=N, Create a NOW record when a FAILED record exists in the same 15 minute window and no record exists in next 15 minute window.

C. EXPECTED RESULTS:

Record will be denied with error code 0310.

D. COMMENTS:

This test case must be done using all available NPAs.

Test Case # 179 Multiple NOW AC=C & FAILED Exists No Recd in Next 15

A. PURPOSE:

Create NOW records when a FAILED record exists in the same 15 minute window, No Record in next 15 minute window.

B. TEST PROCEDURE:

Using the message syntax in *Test Case # 169, Page 194* and AC=C, Create a NOW record when a FAILED record exists in the same 15 minute window and no record exists in next 15 minute window.

C. EXPECTED RESULTS:

Record will be denied with error code 0310.

D. COMMENTS:

This test case must be done using all available NPAs.

Test Case # 180 Multiple NOW AC=T & FAILED Exists No Recd in Next 15

A. PURPOSE:

Transfer pending record to NOW when a FAILED record exists in the same 15 minute window, No Record in next 15 minute window.

B. TEST PROCEDURE:

Using the message syntax in *Test Case # 169, Page 194* and AC=T, Transfer pending record to NOW when a FAILED record exists in the same 15 minute window and no record exists in next 15 minute window.

C. EXPECTED RESULTS:

Record will be created in current 15 minute window.

D. COMMENTS:

This test case must be done using all available NPAs.

Test Case # 181 Multiple NOW - AC=D & FAILED Exists No Recd in Next 15

A. PURPOSE:

Disconnect record using NOW when a FAILED record exists in the same 15 minute window, No Record in next 15 minute window.

B. TEST PROCEDURE:

Using the message syntax in *Test Case # 169, Page 194* and AC=D, Disconnect a record using NOW when a FAILED record exists in the same 15 minute window and no record exists in next 15 minute window.

C. EXPECTED RESULTS:

Record will be denied with error code 310.

D. COMMENTS:

This test case must be done using all available NPAs.

Test Case # 182 New Simple CR - IntraLATA POTS-Minimum Required Fields**A. PURPOSE:**

Create a New Customer Record with an intraLATA carrier, AOS = one LATA, and a POTS terminating number within the LATA.

B. TEST PROCEDURE:

The OS sends this message:

Create a record with effective date = NOW, SO, TEL= a POTS number within the AOS, with an IntraLATA CARRIER, ALAT, LSO= 1st 6 digits of TEL.

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED="NOW"  
IAC="CNT2=01,iac1":SO=so:ALAT="CNT5=01,alat1":CNT8=01:            LN=No Listing Name  
Provided:CNT9=01:TEL=tel,LNS=lns,LSO=lso;
```

C. EXPECTED RESULTS:

Successful creation of a New Customer Record.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 183 New Simple CR - Inter & Intra Carriers**A. PURPOSE:**

Create a New Customer Record with an intraLATA carrier and an interLATA carrier.

B. TEST PROCEDURE:

The OS sends this message:

Create a record with a future ED and ET on the quarter hour, SF, TEL= a POTS number and an DIAL# which is equal to NUM with an IntraLATA and InterLATA CARRIER, ASTA= 20 state code occurrences, and LSO= 1st 6 digits of TEL.

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED=ed,ET=et:  
IEC="CNT1=01,iec1":IAC="CNT2=01,iac1":SF=sf:           ASTA="CNT7=20,asta1,...  
,asta20":CNT8=01:                           LN=No Listing Name  
Provided:CNT9=02:TEL=tel,LNS=lns,CITY=city,LSO=lso,  
UTS=uts:TEL=tel,LNS=lns,CITY=city,LSO=lso,UTS=uts;
```

C. EXPECTED RESULTS:

Successful creation of a New Customer Record.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 184 New Simple CR - Maximum Parameters**A. PURPOSE:**

Create a New Simple Customer Record using the maximum allowable parameters. If NEWRO is included, ED must be NOW.

B. TEST PROCEDURE:

The OS sends this message:

Create a simple customer record with a future ED and ET on a quarter hour. The maximum allowable parameters are specified for a simple customer record and the TEL parameters contain a POTS# and DIAL# equal to NUM.

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED=ed,ET=et,CU=cu:  
IEC="CNT1=01,iec1":IAC="CNT2=01,iac1":ABN=abn,DAU=dau,DAT=dat,DD=dd,  
HDD=hdd,LI=li,RAO=rao,SF=sf,SO=so,NEWRO=newro,NOTE=note,AGENT=agent,  
CUS=cus,LA=la,CBI=cbi,TELCO=telco,NCON=ncon,CTEL=ctel: ALBL="CNT3=16,albl1, . . . ,  
albl16":AAC="CNT4=34,aac1, . . . , aac34": ALAT="CNT5=34,alat1, . . . , alat34":ANET="CNT6=08,anet1,  
. . . anet8": ASTA="CNT7=46,asta1, . . . , asta46":CNT8=09: LN=No Listing Name  
Provided:LN=No Listing Name Provided: LN=No Listing Name Provided:LN=No Listing Name  
Provided: LN=No Listing Name Provided:LN=No Listing Name Provided: LN=No  
Listing Name Provided:LN=No Listing Name Provided: LN=No Listing Name  
Provided:CNT9=2:TEL=tel,LNS=lns,CITY=city,  
FSO=fso,HML=hml,LSIS=lsis,LSO=lso,SFG=sfg,STN=stn,UTS=uts:  
TEL=tel,LNS=lns,CITY=city,FSO=fso,HML=hml,LSIS=lsis, LSO=lso,SFG=sfg,STN=stn,UTS=uts;
```

C. EXPECTED RESULTS:

Successful creation of a New Customer Record.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 185 Modify Simple CR - Without SEFD**A. PURPOSE:**

Change a single instance of a Pending Customer Record without specifying Source Effective Date and Time (SEFD).

B. TEST PROCEDURE:

Create an existing new customer record by repeating *Test Case # 168, Page 193*. Modify the SO parameter by sending the following message:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=C,NUM=num,SO=so;

C. EXPECTED RESULTS:

Successful change of a Customer Record.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org. See Note 13 in the REQ-CRC of Technical Advisory.

Test Case # 186 Modify Simple CR - Copy Forward And Change W/O SEFD**A. PURPOSE:**

Copy an existing customer record to a future effective date/time and modify the copied customer record.

B. TEST PROCEDURE:

The OS sends this message:

Create an existing new customer record by repeating *Test Case # 168, Page 193*. Since only one instance of the customer record exists, SEFD will not be specified. Copy the new customer record to a future effective date and time. Modify the US Area of Service by blanking out the ANET parameter and adding a ASTA parameter.

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=C,NUM=num,ED=ed,ET=et, ASTA="CNT7=06,asta1, . . . ,  
asta6":ANET="CNT6=0";
```

C. EXPECTED RESULTS:

Successful copy and change of a Customer Record.

SMS/800 responds with this message:

```
RSP-CRC:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 187 Modify Simple CR - Copy Backward And Change**A. PURPOSE:**

Copy an existing pending CR to an earlier effective date/time and modify the SO parameter on the copied customer record.

B. TEST PROCEDURE:

The OS sends this message:

Create Pending customer records by repeating *Test Case # 186, Page 211*. Copy the second customer record created in *Test Case # 186, Page 211* to an earlier effective date and time by specifying the effective date/time of that record in the SEFD parameter. Modify the SO parameter on the copied record by including a different SO parameter. Send the following message:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=C,NUM=num,ED=ed,ET=et,SEFD=sefd, SO=so;

C. EXPECTED RESULTS:

Successful copy and change of a Customer Record. The status of the original existing customer record is not changed.

SMS/800 responds with the following:

RSP-CRC:,date,time::::COMPLD,11::ID=id,RO=ro,NUM=num, ED=ed,ET=et:CNTA=cnta:ERR1=9000;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 188 Insert CR for RO Change causing MUST CHECK**A. PURPOSE:**

When a CR is inserted for a RESP ORG change before a pending record, the pending record goes MUST CHECK.

B. TEST PROCEDURE:

Using the pending record of *Test Case # 168, Page 193*, insert a NOW record that changes the RESP ORG. Use the following format:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=C,ED="NOW",NUM=num,NEWRO=newro,SEFD=sefd;

C. EXPECTED RESULTS:

The OS receives the following response message (EDMC & ETMC no longer returned):

RSP-CRC:,date,time::::COMPLD,11::ID=id,RO=ro,NUM=num,ED=ed, ET=et:CNTA=cnta:ERR1=9000;

Test Case # 189 Insert CR for Routing Change Causing MUST CHECK**A. PURPOSE:**

When a CR is inserted for a routing change before a pending record, the pending record does go MUST CHECK.

B. TEST PROCEDURE:

Using the pending record of *Test Case # 168, Page 193*, insert a NOW record that changes routing information. Use the following format:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=C,ED="NOW",NUM=num,SEFD=sefd, INTERC=interc;

C. EXPECTED RESULTS:

The OS receives the following response message:

RSP-CRC:,date,time::::COMPLD,11::ID=id,RO=ro,NUM=num,ED=ed, ET=et:CNTA=cnta:ERR1=9000;

Test Case # 190 Insert CR In Front of HOLD & PENDING - MUST CHECK**A. PURPOSE:**

When a CR is inserted before a hold and pending record, the pending record does go MUST CHECK.

B. TEST PROCEDURE:

Create 2 pending CRs using *Test Case # 168, Page 193*. Modify the earliest pending record to HOLD status. Insert a NOW record that changes routing information. Use the following format:

REQ-CRC:,date,time:::::ID=id,RO=ro,AC=C,ED="NOW",NUM=num, SEFD=sefd,INTERC=interc;

C. EXPECTED RESULTS:

The OS receives the following response message:

RSP-CRC:,date,time:::::COMPLD,11::ID=id,RO=ro,NUM=num,ED=ed, ET=et:CNTA=cnta:ERR1=9000;

Test Case # 191 Insert Invalid CR Causing MUST CHECK**A. PURPOSE:**

When an invalid CR is inserted before a pending record, the pending record does go MUST CHECK.

B. TEST PROCEDURE:

Use the pending record of *Test Case # 168, Page 193*. Insert an invalid NOW record that changes routing information. Use the following format:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=C,ED="NOW",NUM=num,INTRAC=intrac,  
SO=so,CNT4=01:AAC=405:CNT8=01:LN=No Listing Name provided:_CNT09=01:  
TEL=tel,LNS=lns,LSO=lso;
```

C. EXPECTED RESULTS:

The OS receives the following response message:

```
RSP-CRC:,date,time::::DENIED,10::ID=id,RO=ro,NUM=num,ED=ed,ET=et: CNTA=cnta:ERR1=9000;
```

Test Case # 192 Insert Invalid CR Change RESP ORG Causing MUST CHECK**A. PURPOSE:**

When an invalid CR is inserted before a pending record and the RESP ORG is changed, the pending record goes MUST CHECK.

B. TEST PROCEDURE:

Use the pending record of *Test Case # 168, Page 193*. Insert an invalid NOW record that changes RESP ORG. Use the following format:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=C,ED="NOW",NUM=num,INTRAC=intrac,  
NEWRO=newro,SO=so,CNT4=01:AAC=405:CNT8=01:LN=No Listing  
Name:CNT09=01:TEL=tel,LNS=lns,LSO=lso;
```

C. EXPECTED RESULTS:

The OS receives the following response message:

```
RSP-CRC:,date,time::::DENIED,10::ID=id,RO=ro,NUM=num,ED=ed,ET=et:CNTA=cnta:ERR1=9000;
```

Test Case # 193 Modify RO on a Pending CR is not allowed**A. PURPOSE:**

When modifying a pending CR and a RESP ORG change occurs is not allowed, error 7615 returns.

B. TEST PROCEDURE:

Create 2 pending CR using *Test Case # 168, Page 193*. Modify the first pending CR changing the RESP ORG. Use the following format:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=C,ED=ed,ET=et,NUM=num,
INTRAC=intrac,NEWRO=newro,SO=so,CNT6=01:ANET=US:CNT8=01: LN=No Listing Name
provided:CNT09=01:TEL=tel,LNS=lns,CITY=city,LSO=lso;

C. EXPECTED RESULTS:

The OS receives the following response message:

RSP-
CRC:,date,time::::DENIED,01::ID=id,RO=ro,NUM=num,ED=ed,ET=et:_CNT=cnt:ERR=7615,VERR="RO
CHANGE NOW";

Test Case # 194 Disconnect Simple CR - REFER=N

This testcase does not apply to Template.

A. PURPOSE:

Disconnect a Simple Customer Record.

B. TEST PROCEDURE:

The OS sends this message:

Create a new customer record by repeating *Test Case # 187, Page 212*. Copy the new customer record to create a PENDING disconnect by specifying the effective date and time in the ED/ET parameters and sending the following message:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=D,NUM=num,ED=ed,ET=et, SEFD=sefd,REFER=N;

C. EXPECTED RESULTS:

Successful update of a PENDING disconnect Customer Record.

SMS/800 responds with this message:

RSP-CRC:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 195 Modify Disconnect CR - Modify EINT

This testcase does not apply to Template.

A. PURPOSE:

Modify a PENDING Disconnect Customer Record.

B. TEST PROCEDURE:

The OS sends this message:

Repeat *Test Case # 194, Page 219* to create a PENDING disconnect record. Modify EINT by specifying a valid future date and include the effective date and time of the PENDING disconnect in the SEFD parameters. The EINT default date is set in SMS/800 system and may be changed during the course of year by Industry needs. Send the following message:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=D,NUM=num,SEFD=sefd, EINT=eint;
```

C. EXPECTED RESULTS:

Successful modification of a PENDING disconnect Customer Record.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 196 Disconnect Simple CR - Copy and Modify REFER

This testcase does not apply to Template.

A. PURPOSE:

Copy a disconnect customer record and modify its data.

B. TEST PROCEDURE:

The OS sends this message:

Repeat *Test Case # 195, Page 220* to create a PENDING disconnect record. Perform the following after the record has been downloaded to the SCPs and has a status of DISCONNECT. Copy the DISCONNECT record to a future effective date and time and modify the REFER parameter by sending the following message. The effective date/time of the DISCONNECT record is specified in SEFD and ED/ET contains a future effective date and time.

REQ-CRC:,date,time::::ID=id,RO=ro,AC=D,NUM=num,SEFD=sefd,REFER=Y;

C. EXPECTED RESULTS:

Successful copy and modification of a DISCONNECT record.

SMS/800 responds with this message:

RSP-CRC:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 197 Disconnect Simple CR - ED=NOW**A. PURPOSE:**

Disconnect Customer Record with effective date NOW.

B. TEST PROCEDURE:

Repeat *Test Case # 169, Page 194* to create a turnaround customer record. Disconnect this record by sending the following message with today's date specified in EINT:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=D,NUM=num,ED="NOW", REFER=N,EINT=today's_date;

Reserve the TRANSITIONAL number above.

REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,NUM=num,NCON=ncon,CTEL=ctel, NOTES=notes;

C. EXPECTED RESULTS:

Successful disconnect of a Customer Record. The number status of the DIAL# specified in NUM will become TRANSITIONAL and the customer record will be deleted from the SMS/800 customer record database.

SMS/800 responds with this message:

The Last Activity Date field is updated with the current date.

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

The OS will also receive a customer record activation notification (UNS-CRA).

Response to the REQ-NSR request:

RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro:CNT=01:NUM=num,LACT="date the number became transitional";

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 198 Disconnect Simple CR - REFER=N

This testcase does not apply to Template.

A. PURPOSE:

Disconnect a Simple Customer Record.

B. TEST PROCEDURE:

The OS sends this message:

Create a new customer record by repeating *Test Case # 187, Page 212*. Copy the new customer record to create a PENDING disconnect by specifying the effective date and time in the ED/ET parameters and sending the following message:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=D,NUM=num,ED=ed,ET=et, SEFD=sefd,REFER=N;

C. EXPECTED RESULTS:

Successful update of a PENDING disconnect Customer Record.

SMS/800 responds with this message:

RSP-CRC:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 199 Modify Simple CR-Copy Disconnect To Create New Service**A. PURPOSE:**

Change a Customer Record in disconnect status. SMS assumes that the service is to be restored, and will end the disconnect period by treating the request as a special case of **AC=N**, copying the appropriate information from the disconnected record.

B. TEST PROCEDURE:

The OS sends this message:

Create a DISCONNECT record by repeating *Test Case # 194, Page 219*. Specify a future effective date in ED and the effective date and time of the DISCONNECT record in SEFD.

REQ-CRC:,date,time::::ID=id,RO=ro,AC=C,NUM=num,ED=ed,SEFD=sefd;

C. EXPECTED RESULTS:

Successful copy of a DISCONNECT to a future effective date and time in order to re-establish service.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 200 Transfer Simple CR Forward W/O SEFD**A. PURPOSE:**

Transfer a single instance of a pending simple Customer Record forward without specifying SEFD.

B. TEST PROCEDURE:

Create a PENDING customer record by repeating *Test Case # 168, Page 193*. Transfer the PENDING record forward by specifying a future effective date and time in ED/ET.

The OS sends this message:

REQ-CRC:,date,time:::ID=id,RO=ro,AC=T,NUM=num,ED=ed,ET=et;

C. EXPECTED RESULTS:

Successful transfer of a Customer Record.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 201 Transfer Simple CR Forward With Change And SEFD**A. PURPOSE:**

Transfer and modify a multiple instance of a Pending Customer Record forward.

B. TEST PROCEDURE:

Create a multiple instance customer record by repeating *Test Case # 186, Page 211*. Specify the effective date/time of the second instance in SEFD and a future effective date in ED. Modify the SO by including SO parameter. Transfer the second instance forward and modify by sending the following message:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=T,NUM=num,ED=ed,ET=et,SEFD=sefd, SO=so;

C. EXPECTED RESULTS:

Successful transfer and modification of a Customer Record.

SMS/800 responds with this message:

RSP-CRC:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 202 Transfer Simple CR - Single Instance Back To NOW**A. PURPOSE:**

Transfer a single instance of a Pending Customer Record back to NOW with no changes.

B. TEST PROCEDURE:

Create a PENDING customer record by repeating *Test Case # 168, Page 193*. Transfer that record to the current date and time by sending the following message:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=T,NUM=num,ED="NOW";

C. EXPECTED RESULTS:

Successful transfer of a Customer Record.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

The OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 203 Transfer Simple CR Backward With Changes**A. PURPOSE:**

Transfer a multiple instance Customer Record backward with changes.

B. TEST PROCEDURE:

Create a multiple instance customer record by repeating *Test Case # 186, Page 211*. Transfer the last instance backward by specifying its effective date/time in SEFD and an earlier date/time in ED/ET. Modify its Area of Service by adding more states.

REQ-CRC:,date,time::::ID=id,RO=ro,AC=T,NUM=num,ED=ed,ET=et,SEFD=sefd:
ASTA="CNT7=07,asta1, . . . , asta7":

C. EXPECTED RESULTS:

Successful transfer and modification of a Customer Record.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 204 Transfer Simple CR - PENDING Disconnect Record Forward**A. PURPOSE:**

Transfer a Pending Disconnect Customer Record Forward.

B. TEST PROCEDURE:

Repeat *Test Case # 194, Page 219* to create a PENDING disconnect record. Specify the effective date/time of that record in SEFD and a future effective date/time in ED/ET. Send the following message:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=T,NUM=num,ED=ed,ET=et,SEFD=sefd;

C. EXPECTED RESULTS:

Successful transfer of a Customer Record.

SMS/800 responds with this message:

RSP-CRC:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 205 Transfer Simple CR Disconnect Record To NOW**A. PURPOSE:**

Transfer a Pending Disconnect Customer Record to the current date and time.

B. TEST PROCEDURE:

Repeat *Test Case # 194, Page 219* to create a PENDING disconnect record. Specify the effective date/time of that record in SEFD and ED="NOW" and modify REFER. Send the following message:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=T,NUM=num, ED="NOW",SEFD=sefd,REFER=Y;

C. EXPECTED RESULTS:

Successful transfer and modification of a Customer Record.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 206 Resend Simple CR - SENDING Status

A. PURPOSE:

Resend a simple Customer Record in SENDING status.

B. TEST PROCEDURE:

Repeat *Test Case # 169, Page 194* to create a SENDING customer record. The testing environment will need to be modified to force the record into SENDING status. Send the following message to resend this record.

REQ-CRC:,date,time::::ID=id,RO=ro,AC=R,NUM=num;

C. EXPECTED RESULTS:

Successful resend of a Customer Record in SENDING status.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 207 Resend Simple CR - FAILED Status**A. PURPOSE:**

Resend a Customer Record in FAILED Status.

B. TEST PROCEDURE:

Repeat *Test Case # 186, Page 211* to create a customer record with multiple instances. Set up the testing environment so that when the effective date/time of the record is reached, the record becomes FAILED. Wait until the second instance is downloaded to the SCPs and becomes FAILED. Specify its effective date/time in ED/ET and send the following message:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=R,NUM=num,ED=ed,ET=et;

C. EXPECTED RESULTS:

Successful resend of a Customer Record.

SMS/800 responds with this message:

RSP-CRC:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

The OS will also receive a customer record activation notification (UNS-CRA), if the Status of the record goes to Active or Disconnect.

SMS/800 sends this message:

UNS-CRA:,date,time::::RO=ro,ORIGRO=origro,MID=mid,NUM=num,ED=ed,ET=et,
STAT=2 or 3:CNT=cnt:SCP=scp,RES=01,DT=dt;

For OS version GR-1247-CORE-1500 or higher, CRMMSGSIZE tag will return:

UNS-CRA:,date,time::::RO=ro,ORIGRO=origro,MID=mid,NUM=num,ED=ed,ET=et,STAT=2 or
3,APP=app,CRMMSGSIZE=crmssize:CNT=cnt:SCP=scp,RES=01,DT=dt;

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 208 Delete Simple CR - Single Instance**A. PURPOSE:**

Delete the last instance of a Customer Record.

B. TEST PROCEDURE:

Create a PENDING customer record by repeating *Test Case # 168, Page 193*. Delete this record by specifying its effective date/time in ED/ET and sending the following message:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=X,NUM=num,ED=ed,ET=et;

C. EXPECTED RESULTS:

Successful delete of a Customer Record. Number status of the DIAL# specified in NUM becomes SPARE. Customer record is deleted from the SMS/800 customer record data base.

SMS/800 responds with this message:

RSP-CRC:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 209 Delete Simple CR - One Of Many

A. PURPOSE:

Delete a Customer Record.

B. TEST PROCEDURE:

Create a customer record with multiple instances by repeating *Test Case # 186, Page 211*. Delete the latest customer record by specifying its effective date/time in ED/ET and sending the following message:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=X,NUM=num,ED=ed,ET=et;

C. EXPECTED RESULTS:

The latest instance of the customer record is deleted.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 210 Successful Delete complex CR & Spare Number

A. PURPOSE:

Delete a pending Complex Customer Record and spare the dial number with DCSN tag=Y.

B. TEST PROCEDURE:

Create a pending complex customer record. Delete the customer record by specifying its effective date/time in ED/ET and sending the following message:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=X,NUM=num,ED=ed,ET=et,DCSN=Y;

C. EXPECTED RESULTS:

The customer record is deleted. The dial number is spare.

SMS/800 responds with this message:

RSP-CRC:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org. The number's Reserve Unitl date has passed.

Test Case # 211 Unsuccessful Delete complex CR & number not spare**A. PURPOSE:**

Delete a pending Complex Customer Record and spare the dial number with DCSN tag=N.

B. TEST PROCEDURE:

Create a pending complex customer record. Delete the customer record by specifying its effective date/time in ED/ET and sending the following message:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=X,NUM=num,ED=ed,ET=et,DCSN=N;

C. EXPECTED RESULTS:

The customer record is not deleted.

SMS/800 responds with this message:

RSP-CRC:,date,time::::DENIED,01::ID=id,RO=ro,NUM=num,ED=ed,ET=et:

CNT=01:ERR=0099,VERR=verr;

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org. The number's Reserve Unitl date has passed.

Test Case # 212 ASSIGN A SUSPENDED RECORD**A. PURPOSE:**

Create an ACTIVE Customer Record when the record is in SUSPENDED status. The Last Activity Date field is updated.

B. TEST PROCEDURE:

1. Create a DISCONNECTED record by repeating *Test Case # 115, Page 139*.
2. Suspend the record by copying the DISCONNECTED number to a future date without specifying the Referral and EINT tags:
REQ-CRC:,date,time::::ID=id,RO=ro,AC=D,NUM=num,ED="future date but before the EINT date";
3. Assign the SUSPENDED record by:
 - Copying the DISCONNECTED number to NOW from the REC screen and update the following field:

Action = R

Referral = N

End Intercept Date = current date

4. Delete the latest PENDING record to return the ASSIGNED record to SPARE.
5. Query the number.

REQ-NSR:,date,time::::ID=id,RO=ro,AC=Q,NUM=num;

F. EXPECTED RESULTS:

1. DISCONNECTED record is created.
2. Successful copy of a Customer Record. The number status of the DIAL# specified in NUM will become SUSPENDED.

SMS/800 responds with this message:

RSP-CRC:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

3. Record is assigned.
4. DIAL# is returned to SPARE.
5. Successful query, the Last Activity Date field value is the date when the record became ASSIGNED.

RSP-NSR:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=num,LACT="mm/dd/yy",STAT="SPARE";

F. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

6.4 UPDATE SIMPLE CUSTOMER RECORD (REQ-CRC) - ERROR

Assumptions: No other errors exist. Data specified is for testing purposes only.

Test Case # 213 New Simple CR - Parsing Errors

A. PURPOSE:

The first level of error checking on the REQ-CRC message includes parsing errors. The following parsing errors will be covered by this test case:

- Unrecognized parameters - UNREC is a parameter that is not invalid for REQ-CRC
- Duplicate parameters - parameters that are specified more than once
- Parameter data types - parameter data is not correct data type

B. TEST PROCEDURE:

Send the following message which includes parsing errors:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED="NOW":  
IAC="CNT2=01,iac1":IAC="CNT2=1,iac2":SO=so,UNREC=unrec_data:  
AAC="CNT4=01,aac1":CNT8=01:LN=decimal_data:_CNT9=01:TEL=tel,LNS=lns, LSO=lso;
```

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,ED=ed,ET=et:  
CNT=03:ERR=0029,VERR="IAC:iac2": ERR=0003,VERR="UNREC:unrec_data":  
ERR=1042,VERR="LN:decimal_data";
```

D. COMMENTS:

A DENIED response is returned because of the following errors: IAC is specified twice, the parameter UNREC is not defined for REQ-CRC and LN should contain text data. The customer record is not stored in SMS.

Test Case # 214 New Simple CR - Parsing Errors**A. PURPOSE:**

The first level of error checking on the REQ-CRC message includes parsing errors. The following parsing errors will be covered by this test case:

- Text data validations - text data must be enclosed in quotes ("").
- Data lengths - data lengths must follow specifications in the GR.
- Count field validations - count field data must correspond with actual data quantities

B. TEST PROCEDURE:

Send the following message which includes parsing errors:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED="NOW:  
IAC="CNT2=1,iac1":IEC="CNT1=3,iec1,iec2":SO=n1234567890123:  
AAC="CNT6=01,aacn":CNT8=01:LN=No Listing Name Provided: CNT9=01:TEL=tel,LNS=lns,LSO=lso
```

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,ED=ed,ET=et:  
CNT=04:ERR=0005,VERR="ED:"NOW:IAC=": ERR=0011,VERR="CNT1:3/IEC:2":  
ERR=1022,VERR="SO:n123456789012": ERR=0030,VERR="AAC:CNT6": ERR=0001,VERR=";  
REQUIRED";
```

D. COMMENTS:

A DENIED response is returned because of the following errors: ED parameter contains text data without a closing quote, IEC parameter CNT1 is wrong, SO parameter contains data that is longer than the maximum specified in GR, AAC parameter should have CNT4 specified and a semi-colon is required to end the message. The customer record is not stored in SMS.

Test Case # 215 New Simple CR - Permission Validation**A. PURPOSE:**

The second level of error checking on the REQ-CRC message includes permission validation. This test case will cover validation of a logon id that is not known to SMS.

B. TEST PROCEDURE:

Send the following message which includes an ID that is not known to SMS:

```
REQ-CRC:,date,time::::ID=unknown_id,RO=ro,AC=N,NUM=num,ED="NOW":  
IEC="CNT1=1,iec1":SO=so:AAC="CNT4=01,aac1":CNT8=01:                LN=No Listing Name  
Provided:CNT9=01:TEL=tel,LNS=Ins,LSO=lso;
```

C. EXPECTED RESULTS

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,ED=ed,ET=et:  
CNT=01:ERR=0101,VERR="ID:unknown_id";
```

D. COMMENTS:

A DENIED response is returned because of the ID is not known to SMS. The customer record is not stored in SMS.

Test Case # 216 New Simple CR - Action Code Processing Validations**A. PURPOSE:**

The third level of error checking on the REQ-CRC message includes action code processing validations. If a customer record already exists in SMS, another record with the same NUM cannot be created with AC=N.

B. TEST PROCEDURE:

Create a PENDING customer record by repeating *Test Case # 94, Page 118*. Send the following message specifying the same NUM:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED="NOW": IEC="CNT1=1,iec1":SO=so:  
AAC="CNT4=01,aac1":CNT8=01:            LN=No Listing Name  
Provided:CNT9=01:TEL=tel,LNS=lns,LSO=lso;
```

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

```
RSP-CRC:,date,time::::DENIED,01::ID=id,RO=ro,NUM=num,ED=ed,ET=et:  
CNT=02:ERR=0201,VERR="TARGET REC EXIST":ERR=0202,VERR="AC=N NOT ALLOWED";
```

D. COMMENTS:

A DENIED response is returned because a customer record with the same NUM already exists in SMS.

Test Case # 217 New Simple CR - Action Code Processing Validations**A. PURPOSE:**

The third level of error checking on the REQ-CRC message includes action code processing validations. If the NUM specified in a AC=N message is reserved by a different Responsible Organization than that specified in RO, the request is denied.

B. TEST PROCEDURE:

Create an DIAL# in SMS with a status of RESERVED using the REQ-NSR message. Specify a different RO and send the following message:

REQ-CRC:,date,time:::ID=id,RO=ro,AC=N,NUM=num,ED="NOW":
IEC="CNT1=1,iec1":SO=so:AAC="CNT4=01,aac1":CNT8=01: LN=No Listing Name
Provided:CNT9=01:TEL=tel,LNS=Ins,LSO=lso;

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

RSP-CRC:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,ED=ed,ET=et:
CNT=01:ERR=0204,VERR="# OWNED BY BANJ1";

D. COMMENTS:

A DENIED response is returned because the NUM has been reserved by a different Responsible Organization.

Test Case # 218 Modify Simple CR - Syntax Validations**A. PURPOSE:**

Perform syntax validations on each parameter.

B. TEST PROCEDURE:

Modify an existing customer record.

Create a PENDING customer record by repeating *Test Case # 94, Page 118*. Send the following message to modify this record:

The OS sends this message:

REQ-CRC:,1992-05-07,10-10-22-CST::::ID=id,RO=ro,AC=W, NUM="888123456Q",ED="11=01/96";

C. EXPECTED RESULTS:

The request is denied and results in a response message with applicable error codes.

SMS/800 responds with this message:

RSP-CRC:,date,time:::DENIED,01:::ID=id,RO=ro,NUM="888123456Q", ED="11=01/96":CNT=03:ERR=1000,VERR="NUM:888123456Q":ERR=0100, VERR="AC:W":ERR=1001,VERR="ED:11=01/96";

D. COMMENTS:

A DENIED response is received because of the following errors: NUM contains an invalid character (Q), AC contains an invalid value, ED and ET are in the wrong formats.

Test Case # 219 Modify Simple CR - Syntax Validations**A. PURPOSE:**

Perform syntax validations on each parameter.

B. TEST PROCEDURE:

Modify an existing customer record.

Create a PENDING customer record by repeating *Test Case # 94, Page 118*. Send the following message to modify this record:

The OS sends this message:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=C,NUM=num,SEFD=sefd,LI=XX,HDD=X,SF="()*& $";
```

C. EXPECTED RESULTS:

The request is denied and results in a response message with applicable error codes.

SMS/800 responds with this message:

```
RSP-CRC:,date,time::::DENIED,01::ID=id,RO=ro,NUM=num,CNT=03:ERR=1018,  
VERR="LI:XX":ERR=1016,VERR="HDD:X":ERR=1023,VERR="SF:()*& $";
```

D. COMMENTS:

A DENIED response is received because of the following errors: SEFD is in the wrong format, LI and HDD contain invalid values and SF contains special characters which are not permitted. The customer record is not stored in SMS.

Test Case # 220 New Simple CR - Validation Errors**A. PURPOSE:**

Create a customer record that contains an Area of Service that crosses LATA boundaries. An interLATA carrier is required for this record.

B. TEST PROCEDURE:

Create a record with effective date = NOW, SO, TEL= a POTS number within the AOS, with an IntraLATA CARRIER, LSO= 1st 6 digits of TEL, and AAC = an NPA that crosses LATA boundaries i.e. 405.

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED="NOW":  
IAC="CNT2=01,iac1":SO=so:AAC="CNT4=01,405": CNT9=01:TEL=tel,LNS=lns,LSO=lso;
```

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::DENIED,10::ID=id,RO=ro,NUM=num, ED=ed,ET=et:CNT=01:ERR=2001;
```

D. COMMENTS:

Prerequisite assumption - The submitted REQ-CRC message to Add a Customer Record has an AAC = an NPA that crosses LATA boundaries i.e., 405. The record is stored in SMS as an Failed Record.

6.5 UPDATE COMPLEX CUSTOMER RECORD (REQ-CRC)

Test Case # 221 New Complex CR - CAD CPR-W/AC,SD,DA,TI,TE

A. PURPOSE:

Create a New complex Customer Record with Area Code, Six-Digit, Day-of-Week, Time-of-Day and Terminating Telephone# nodes.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED=ed:IEC="CNT1=01,  
iec1":IAC="CNT2=01,iac1": SO=N12345,RAO=rao,ABN=abn:  
AAC="CNT4=03,908,201,609":CNT8=01:LN=No Listing Name Provided:CNT9=04:  
TEL="9085727000",LNS=0001,LSO=908572:TEL="9085727001",LNS=0001,  
LSO=908572:TEL="9085727002",LNS=0001,LSO=908572:  
NODE="CNT10=05,AC,SD,DA,TI,TE":CNT11=05: V="201+908,201278+908699,M-F,09:00A-  
05:00P,9085727000": V="201+908,201278+908699,M-F,OTHER,9085727001":  
V="201+908,201278+908699,SA-SU,,9085727002":  
V="201+908,OTHER,,,9085727003":V="609,,,9085727000":PEC=pec,PAC=pac;
```

C. EXPECTED RESULTS:

Successful creation of a New Customer Record.

SMS/800 responds with this message:

```
RSP-CRC:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 222 New Complex CR - CAD CPR W/LT,AC,NX,TE,AN**A. PURPOSE:**

Create a New complex Customer Record with LATA, Area Code, NXX, Terminating Telephone# and Announcement nodes.

B. TEST PROCEDURE:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED=ed:  
IEC="CNT1=01,iec1":IAC="CNT2=01,iac1":SO=N12345,RAO=rao,ABN=abn:  
ASTA="CNT7=03,NJ,PA,NY":CNT8=01:LN=No Listing Name Provided:CNT9=04:  
TEL="2012781000",LNS=0001,LSO=201278:            TEL="2012791000",LNS=0001,LSO=201279:  
TEL="6092261000",LNS=0001,LSO=609226:  
TEL="6094522222",LNS=0001,LSO=609452:NODE="CNT10=05,LT,AC,NX,TE,AN":  
CNT11=06:V="224,201,278+279+523,2012781000,":  
V="224,201,OTHER,2012781000,":V="224,OTHER,,OBA":  
V="222,609,452+228,6094522222,":V="222,609,OTHER,6092261000,":  
V="OTHER,,,OBA":PEC=pec,PAC=pac;
```

C. EXPECTED RESULTS:

Successful creation of a New Customer Record.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 223 New Complex CR - CAD CPR W/ST,SW,PC,DT,CA,TE**A. PURPOSE:**

Create a New Complex Customer Record with State, Switch, Percent, Date, Carrier and Terminating Telephone # nodes.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED="NOW":  
IEC="CNT1=02,iec1,iec2":IAC="CNT2=01,iac1":SO=so,RAO=rao,ABN=abn:  
ASTA="CNT7=03,NJ,NY,PA":CNT8=01:LN=No Listing Name Provided:CNT9=04:  
TEL="7035731000",LNS=0001,LSO=703573: TEL="7035731001",LNS=0001,LSO=703573:  
TEL="7035731002",LNS=0001,LSO=703573:TEL=num,LNS=0001:  
NODE="CNT10=06,ST,SW,PC,DT,CA,TE":CNT11=07:V="NJ,,,iec1,7035731000":  
V="NY,ON1,25,,iec2,7035731000":V="NY,ON1,25,,iec1,7035731000": V="NY,ON1,50A,10/01-12/  
31,iec2,7035731002":        V="NY,ON1,50A,01/01-09/30,iec1,7035731002":V="NY,OFF,,,iec2,num":  
V="PA,,,iec2,7035731002": PEC=pec,PAC=pac;
```

C. EXPECTED RESULTS:

Successful creation of a New Complex Customer Record.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 224 New Complex CR - CAD With All LAD Types**A. PURPOSE:**

Create a New Customer Record with LAD data that contains all valid LAD label types.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-CRC:,date,time:::ID=id,RO=ro,AC=N,NUM=num,ED=ed:  
IEC="CNT1=01,iec1":IAC="CNT2=01,iac1":SO=so,RAO=rao,ABN=abn:  
AAC="CNT4=03,908,609,201":CNT8=01:LN=ln:CNT9=01: TEL=tel,LNS=lhs,LSO=lso:CNT12=09:  
TYPE=AC,LBL="*NJNPAS",DEF="CNT13=003,908,609,201" DEF="CNT13=001,05/31-09/  
01":TYPE=LT,LBL="*NJLATA", DEF="CNT13=004,224,220,222,232":TYPE=NX,LBL="*NXX908",  
DEF="CNT13=004,908,699,572,755":TYPE=ST,LBL="*TRISTAT",  
DEF="CNT13=003,NJ,PA,NY":TYPE=TI,LBL="*BUSHRS", DEF="CNT13=001,09:00A-05:00P  
":TYPE=TD,LBL="*TENNJ", DEF="CNT13=001,9086991000":TYPE=SD,LBL="*SIX908",  
DEF="CNT13=003,908699,908572,908755":  
TYPE=TE,LBL="*TELLAD1",DEF="CNT13=001,9086998604";
```

C. EXPECTED RESULTS:

Successful creation of a New Customer Record.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 225 New Complex CR - CAD, LAD, CPR W/AC,SD,TE**A. PURPOSE:**

Create a New Complex Customer Record which contains a CPR with Area Code, Six-Digit and Terminating Telephone # nodes. LAD labels are used in the Six-Digit node.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED=ed:SO=so,RAO=rao,  
ABN=abn:AAC="CNT4=03,908,609,201":CNT8=01:LN="DML":CNT9=06:  
TEL="6092261000",LNS=0001,LSO=609266: TEL="2012783000",LNS=0001,LSO=201278:  
TEL="2012791000",LNS=0001,LSO=201279: TEL="6092263000",LNS=0001,LSO=609226:  
TEL="9085721000",LNS=0001,LSO=908572:  
TEL="9086993000",LNS=0001,LSO=908699:NODE="CNT10=03,AC,SD,TE":  
CNT11=06:V="201,*SIX201,2012783000":V="201,OTHER,2012791000":  
V="609,*SIX609,6092261000":V="609,OTHER,6092263000":  
V="908,*SIX908,9085721000":V="908,OTHER,9086993000":PEC=pec,PAC=pac:  
CNT12=03:TYPE=SD,LBL="*SIX201",DEF="CNT13=003,201224,201226,201228":  
TYPE=SD,LBL="*SIX609",DEF="CNT13=006,609226,609365,609228,609452,609368,609232":TYPE=  
SD,LBL="*SIX908",DEF="CNT13=003,908819,908932,908846";
```

C. EXPECTED RESULTS:

Successful creation of a New Complex Customer Record with a CAD, LAD and CPR.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 226 New Complex CR - CAD, CPR, LAD W/SD,TE**A. PURPOSE:**

Create a New Complex Customer Record which contains a CPR with Area Code, Six-Digit and Terminating Telephone # nodes. LAD labels are used in the Six-Digit node and Terminating Telephone # node.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-CRC:,date,time:::ID=id,RO=ro,AC=N,NUM=num,ED=ed:  
IEC="CNT1=01,iec1":IAC="CNT2=01,iac1":SO=so,RAO=rao,ABN=abn:  
AAC="CNT4=03,908,609,201":CNT8=01:LN="DML":CNT9=06:  
TEL="6092261000",LNS=0001,LSO=609266: TEL="2012783000",LNS=0001,LSO=201278:  
TEL="2012791000",LNS=0001,LSO=201279: TEL="6092263000",LNS=0001,LSO=609226:  
TEL="9085721000",LNS=0001,LSO=908572:  
TEL="9086993000",LNS=0001,LSO=908699:NODE="CNT10=03,AC,SD,TE":CNT11=06:  
V="201,*SIX201,2012783000":V="201,OTHER,*TEL201":  
V="609,*SIX609,6092261000":V="609,OTHER,*TEL609":  
V="908,*SIX908,9085721000":V="908,OTHER,*TEL908": PEC=pec,PAC=pac:CNT12=06:  
TYPE=SD,LBL="*SIX201",DEF="CNT13=003,201224,201226,201228":  
TYPE=SD,LBL="*SIX609",DEF="CNT13=006,609226,609365,609228,609452,609368,609232:TYPE=S  
D,LBL="*SIX908",DEF="CNT13=003,908819,908932,908846":  
TYPE=TE,LBL="*TEL908",DEF="CNT13=001,9086993000":  
TYPE=TE,LBL="*TEL609",DEF="CNT13=001,6092263000":  
TYPE=TE,LBL="*TEL201",DEF="CNT13=001,2012791000";
```

C. EXPECTED RESULTS:

Successful creation of a New Complex Customer Record with a CAD, LAD and CPR.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 227 New Complex CR - CAD With 100 LAD Labels**A. PURPOSE:**

Create a New Customer Record that contains 100 LAD Labels. Also verify that a UNS-SNA message is received by the interlata carrier used on this CR and that the UNS-SNA message contains the same number of LADs as the REQ-CRC message.

B. TEST PROCEDURE:

Using the screen GNA Global, add a CNA default record for the interlata carrier used on the CR by indicating an "X" next to the "REQUEST APPROVAL" field.

The OS sends this message:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED=ed:  
IEC="CNT1=01,iec1":IAC="CNT2=01,iac1":SO=so,RAO=rao,ABN=abn:  
AAC="CNT4=03,908,609,201":CNT8=01:LN=ln:CNT9=01: TEL=tel,LNS=lns,LSO=lso:CNT12=100  
:TYPE=AC,LBL="*NJNPAS", DEF="CNT13=003,908,609,201"  
{ 1st label}  
. .  
. .  
. .  
:TYPE=DT,LBL="*SUMMER",DEF="CNT13=001,05/31-09/01"  
{ 11th label}  
. .  
. .  
:TYPE=LT,LBL="*NJLATA",DEF="CNT13=004,224,220,222,232"  
{ 21st label}  
. .  
. .  
:TYPE=NX,LBL="*NX908",DEF="CNT13=004,908,699,572,755"  
{ 31st label}  
. .  
. .  
:TYPE=ST,LBL="*TRISTAT",DEF="CNT13=003,NJ,PA,NY"  
{ 51st label}  
. .  
. .  
:TYPE=TI,LBL="*BUSHRS",DEF="CNT13=001,09:00A-05:00P "  
{ 71st label}  
. .  
. .  
:TYPE=TD,LBL="*TENNNJ",DEF="CNT13=001,9086991000"  
{ 81st label}  
. .  
. .  
:TYPE=SD,LBL="*SIX908",DEF="CNT13=003,908699,908572,908755"  
{ 91st label}  
. .  
. .  
:TYPE=TE,LBL="*TELLAD1",DEF="CNT13=001,9086998604";  
{ 100th label}
```

C. EXPECTED RESULTS:

Successful creation of a New Customer Record with 100 LAD Labels. The carrier requiring approval (interlata carrier used on the CR) should receive an UNS-SNA message containing the same number of LAD Labels as REQ-CRC message. The cnt12 parameter within UNS-SNA message should have 100.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 228 New Complex CR - CAD With 990 LAD Labels**A. PURPOSE:**

Create a New Customer Record that contains 990 LAD Labels

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED=ed:  
IEC="CNT1=01,iec1":IAC="CNT2=01,iac1":SO=so,RAO=rao,ABN=abn:  
AAC="CNT4=03,908,609,201":CNT8=01:LN=ln:CNT9=01: TEL=tel,LNS=lns,LSO=lso:CNT12=990  
:TYPE=AC,LBL="*NJNPAS", DEF="CNT13=003,908,609,201"  
{1st label}  
. .  
:TYPE=DT,LBL="*SUMMER",DEF="CNT13=001,05/31-09/01"  
{101th label}  
. .  
:TYPE=LT,LBL="*NJLATA",DEF="CNT13=004,224,220,222,232"  
{201st label}  
. .  
:TYPE=NX,LBL="*NX908",DEF="CNT13=004,908,699,572,755"  
{301st label}  
. .  
:TYPE=ST,LBL="*TRISTAT",DEF="CNT13=003,NJ,PA,NY"  
{501st label}  
. .  
:TYPE=TI,LBL="*BUSHRS",DEF="CNT13=001,09:00A-05:00P "  
{701st label}  
. .  
:TYPE=TD,LBL="*TENNJ",DEF="CNT13=001,9086991000"  
{801st label}  
. .  
:TYPE=SD,LBL="*SIX908",DEF="CNT13=003,908699,908572,908755"  
{901st label}  
. .  
:TYPE=TE,LBL="*TELLAD1",DEF="CNT13=001,9086998604";  
{990th label}
```

C. EXPECTED RESULTS:

Successful creation of a New Customer Record with 990 Lad Labels.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 229 New Complex CR - CAD With 999 LAD Labels**A. PURPOSE:**

Create a New Customer Record that contains 999 LAD Labels. Also verify that a UNS-SNA message is received by the interlata carrier used on this CR and that the UNS-SNA message contains the same number of LADs as the REQ-CRC message.

B. TEST PROCEDURE:

Using the screen GNA Global, add a CNA default record for the interlata carrier used on the CR by indicating an "X" next to the "REQUEST APPROVAL" field.

The OS sends this message:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED=ed:  
IEC="CNT1=01,iec1":IAC="CNT2=01,iac1":SO=so,RAO=rao,ABN=abn:  
AAC="CNT4=03,908,609,201": CNT8=01:LN=ln:CNT9=01: TEL=tel,LNS=lns,LSO=lso:CNT12=999  
:TYPE=AC,LBL="*NJPAS",DEF="CNT13=003,908,609,201"  
{1st label}  
. .  
:TYPE=DT,LBL="*SUMMER",DEF="CNT13=001,05/31-09/01"  
{101th label}  
. .  
:TYPE=LT,LBL="*NJLATA",DEF="CNT13=004,224,220,222,232"  
{201st label}  
. .  
:TYPE=NX,LBL="*NX908",DEF="CNT13=004,908,699,572,755"  
{301st label}  
. .  
:TYPE=ST,LBL="*TRISTAT",DEF="CNT13=003,NJ,PA,NY"  
{501st label}  
. .  
:TYPE=TI,LBL="*BUSHRS",DEF="CNT13=001,09:00A-05:00P "  
{701st label}  
. .  
:TYPE=TD,LBL="*TENNJ",DEF="CNT13=001,9086991000"  
{801st label}  
. .  
:TYPE=SD,LBL="*SIX908",DEF="CNT13=003,908699,908572,908755"  
{901st label}  
. .  
:TYPE=TE,LBL="*TELLAD1",DEF="CNT13=001,9086998604";  
{999th label}
```

C. EXPECTED RESULTS:

Successful creation of a New Customer Record with 999 LAD Labels. The carrier requiring approval (interlata carrier used on the CR) should receive an UNS-SNA message containing the same number of LAD Labels as REQ-CRC message. The cnt12 parameter within UNS-SNA message should have 999.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 230 New Complex CR - CAD With 1000 LAD Labels**A. PURPOSE:**

Create a New Customer Record data that contains 1000 LAD Labels

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED=ed:  
IEC="CNT1=01,iec1":IAC="CNT2=01,iac1":SO=so,RAO=rao,ABN=abn:  
AAC="CNT4=03,908,609,201":CNT8=01:LN=ln:CNT9=01: TEL=tel,LNS=lns,LSO=lso:CNT12=1000  
:TYPE=AC,LBL="*NJNPAS", DEF="CNT13=003,908,609,201"  
{1st label}  
. .  
:TYPE=DT,LBL="*SUMMER",DEF="CNT13=001,05/31-09/01"  
{101th label}  
. .  
:TYPE=LT,LBL="*NJLATA",DEF="CNT13=004,224,220,222,232"  
{201st label}  
. .  
:TYPE=NX,LBL="*NX908",DEF="CNT13=004,908,699,572,755"  
{301st label}  
. .  
:TYPE=ST,LBL="*TRISTAT",DEF="CNT13=003,NJ,PA,NY"  
{501st label}  
. .  
:TYPE=TI,LBL="*BUSHRS",DEF="CNT13=001,09:00A-05:00P "  
{701st label}  
. .  
:TYPE=TD,LBL="*TENNJ",DEF="CNT13=001,9086991000"  
{801st label}  
. .  
:TYPE=SD,LBL="*SIX908",DEF="CNT13=003,908699,908572,908755"  
{901st label}  
. .  
:TYPE=TE,LBL="*TELLAD1",DEF="CNT13=001,9086998604";  
{1000th label}
```

C. EXPECTED RESULTS:

Unsuccessful in creating a New Customer Record with 1000 LAD Labels.

SMS/800 responds with this message:

RSP-CRC:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,ED=ed,ET=et:
CNT=cnt:ERR=0025,VERR=verr;

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 231 Modify Complex CR - Replace LAD**A. PURPOSE:**

Modify the LAD portion of a complex customer record.

B. TEST PROCEDURE:

Create a PENDING complex customer record with a LAD and CPR by repeating *Test Case # 225, Page 250*. SEFD is not specified because only one instance of the record exists. Replace the LAD portion of that record by sending the following message:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=C,NUM=num:CNT12=03:  
TYPE=SD,LBL="*SIX201",DEF="CNT13=009,201224,201226,201228,201316,201503,201318,201263,2  
01265,201266":TYPE=SD,LBL="*SIX609",DEF="CNT13=006,60922,609365,609228,609452,609368,60  
9232": TYPE=SD,LBL="*SIX908",DEF="CNT13=003,908819,908932,908846";
```

C. EXPECTED RESULTS:

Successful change of a Complex Customer Record.

SMS/800 responds with this message:

```
RSP-CRC:,date,time::::COMPLD,00:::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 232 Modify Complex CR - Replace LAD portion of the CR**A. PURPOSE:**

Modify the LAD portion of a complex customer record.

B. TEST PROCEDURE:

Create a PENDING complex customer record with a LAD and CPR by repeating *Test Case # 224, Page 249*. SEFD is not specified because only one instance of the record exists. Replace the LAD portion of that record by sending the following message:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=C,NUM=num:CNT12=09  
:TYPE=AC,LBL="*NJPAS",DEF="CNT13=003,908,609,201"  
:TYPE=LT,LBL="*NXLATA",DEF="CNT13=004,224,220,222,2 32"  
:TYPE=NX,LBL="*NXX908",DEF="CNT13=004,908,699,572,7 55"  
:TYPE=ST,LBL="*TRISTAT",DEF="CNT13=003,NJ,PA,NY"  
:TYPE=TI,LBL="*BUSHRS",DEF="CNT13=001,09:00A-05:00P"  
:TYPE=TD,LBL="*TENNJ",DEF="CNT13=001,9086991000"  
:TYPE=SD,LBL="*SIX908",DEF="CNT13=003,908699,908572,908755"  
:TYPE=TE,LBL="*TELLAD1",DEF="CNT13=001,num";
```

C. EXPECTED RESULTS:

Successful change of a Complex Customer Record.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 233 Modify Complex CR - Add/change LAD Labels**A. PURPOSE:**

Modify the LAD portion of a complex customer record by adding/changing LAD Labels so that total number of LAD Labels is 999.

B. TEST PROCEDURE:

Create a PENDING complex customer record with 990 LAD Labels by repeating *Test Case # 228, Page 254*. SEFD is not specified because only one instance of the record exists. Replace the LAD portion of that record by sending the following message:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=C,NUM=num:_CNT12=999  
:TYPE=AC,LBL="*NJPAS",DEF="CNT13=003,908,609,201"  
{1st label}  
  
:TYPE=DT,LBL="*SUMMER",DEF="CNT13=001,05/31-09/01"  
{101th label}  
  
:TYPE=LT,LBL="*NJLATA",DEF="CNT13=004,224,220,222,232"  
{201st label}  
  
:TYPE=NX,LBL="*NX908",DEF="CNT13=004,908,699,572,755"  
{301st label}  
  
:TYPE=ST,LBL="*TRISTAT",DEF="CNT13=003,NJ,PA,NY"  
{501st label}  
  
:TYPE=TI,LBL="*BUSHRS",DEF="CNT13=001,09:00A-05:00P "  
{701st label}  
  
:TYPE=TD,LBL="*TENNNJ",DEF="CNT13=001,9086991000"  
{801st label}  
  
:TYPE=SD,LBL="*SIX908",DEF="CNT13=003,908699,908572,908755"  
{901st label}  
  
:TYPE=TE,LBL="*TELLAD1",DEF="CNT13=001,9086994112";  
{999th label}
```

C. EXPECTED RESULTS:

Successful in changing the LAD Portion of the Customer Record.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 234 Modify Complex CR - Add/change LAD Labels**A. PURPOSE:**

Modify the LAD portion of a complex customer record by adding/changing LAD Labels so that total number of LAD Labels is 1000.

B. TEST PROCEDURE:

Create a PENDING complex customer record with 990 LAD Labels by repeating *Test Case # 228, Page 254*. SEFD is not specified because only one instance of the record exists. Replace the LAD portion of that record by sending the following message:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=C,NUM=num:_CNT12=1000
:TYPE=AC,LBL="*NJNPAS",DEF="CNT13=003,908,609,201"
{1st label}

.
.

:TYPE=DT,LBL="*SUMMER",DEF="CNT13=001,05/31-09/01"
{101th label}

.
.

:TYPE=LT,LBL="*NWLATA",DEF="CNT13=004,224,220,222,232"
{201st label}

.
.

:TYPE=NX,LBL="*NX908",DEF="CNT13=004,908,699,572,755"
{301st label}

.
.

:TYPE=ST,LBL="*TRISTAT",DEF="CNT13=003,NJ,PA,NY"
{501st label}

.
.

:TYPE=TI,LBL="*BUSHRS",DEF="CNT13=001,09:00A-05:00P "
{701st label}

.
.

:TYPE=TD,LBL="*TENNJ",DEF="CNT13=001,9086991000"
{801st label}

.
.

:TYPE=SD,LBL="*SIX908",DEF="CNT13=003,908699,908572,908755"
{901st label}

.
.

:TYPE=TE,LBL="*TELLAD1",DEF="CNT13=001,9086994112";
{1000th label}
```

C. EXPECTED RESULTS:

Receive an unsuccessful RSP-CRC message.

SMS/800 responds with this message:

RSP-CRC:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,ED=ed,ET=et:
CNT=cnt:ERR=0025:VERR=verr;

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 235 Modify Complex CR - delete LAD Labels**A. PURPOSE:**

Modify the LAD portion of a complex customer record by deleting LAD Labels on CR so that total number of LAD Labels is 100.

B. TEST PROCEDURE:

Create a PENDING complex customer record with 999 LAD Labels by repeating *Test Case # 229, Page 256*. SEFD is not specified because only one instance of the record exists. Replace the LAD portion of that record by sending the following message:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=C,NUM=num:_CNT12=100  
:TYPE=AC,LBL="*NJPAS",DEF="CNT13=003,908,609,201"  
{ 1st label }  
  
:TYPE=NX,LBL="*NXX908",DEF="CNT13=004,908,699,572,755"  
{ 31st label }  
  
:TYPE=ST,LBL="*TRISTAT",DEF="CNT13=003,NJ,PA,NY"  
{ 51st label }  
  
:TYPE=TI,LBL="*BUSHRS",DEF="CNT13=001,09:00A-05:00P "  
{ 71st label }  
  
:TYPE=TD,LBL="*TENNNJ",DEF="CNT13=001,9086991000"  
{ 100th label }
```

C. EXPECTED RESULTS:

Successful in changing the LAD Portion of the Customer Record.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 236 Sort LAD Entries**A. PURPOSE:**

Verify that the SORT tag value can be added to the REQ-CRC message.

B. TEST PROCEDURE:

Send SMS/800 a REQ-CRC message to create a complex record with multiple LAD labels.

```
REQ-CRC:,date,time::::ID=id, RO=ro,AC=N, NUM=num1,ED=ed, ET=et:IEC="CNT1=01,iec":  
IAC="CNT1=01,iac1":SO=so, RAO=rao,ABN=abn: AAC="CNT4=03,908,201,609":CNT8=01:  
LN="name": CNT9=06TEL="num",LNS=001, LSO=lso:TEL="num",LNS=001,LSO=lso:  
TEL="num",LNS=001,LSO=lso:TEL="num",LNS=001,LSO=lso:NODE="CNT10=03,AC,SD,TE":  
CNT11=04: V="201,*SIX201,number": V="201,OTHER,*TEN800": V="908,*SIX908,number:  
V="908,OTHER,*TEN908": PEC=pec,PAC=pac:CNT12=04:TYPE=SD,  
SORT=N,LBL="*SIX201",DEF="CNT13=003,201278,201279,201798"TYPE=SD,SORT=Y,  
LBL="*SIX908",DEF="CNT13=003,908278,908279,908798":  
TYPE=TE,LBL="*TEN800",DEF="CNT13=001,num1":  
TYPE=TE,LBL="*TEN908",DEF="CNT13=001,9086998434";
```

C. EXPECTED RESULTS:

System should return completed response.

```
RSP-CRC:,date,time::::COMPLD,00::ID=id,RO=ro, NUM=num, ED=ed,ET=et;
```

Test Case # 237 Sort LAD Data Entries (TYPE = AC)**A. PURPOSE:**

Verify, if the TYPE=AC and SORT=Y, the data for each label will be sorted in ascending order.

B. TEST PROCEDURE:

1. Send SMS/800 a REQ-CRC message to create a complex record with multiple LAD labels.

```
REQ-CRC:,' ,dt, tt, ':::::ID=ATX01000,  
RO=ATX01,AC=N,NUM="dial#",ED="NOW":IEC="CNT1=02,0288,0222":  
AC="CNT2=02,0288,0222": SO=B2323441,ABN="9086990000":DAU=N,NOTE="COMPLEX  
REC",DAT=N,HDD=N,LI=BL,RAO=000 AGENT="UTC01",TELCO="ATX0",  
CUS="UTC01",LA="LISTINGADDRESS", CBI=SPR:CNT8=01:LN="TELCORDIA":  
ASTA="CNT7=02,NJ,NY":CNT9=05: TEL="dial#",LNS=800: NODE="CNT10=03,AC,CA,TE":  
CNT11=002:V="*CANNPA,0222,dial#": V="OTHER,0288,dial#":PEC="0288"  
,PAC="0222":CNT12=001: TYPE=AC,SORT=Y,LBL="*CANNPA"  
,DEF="CNT13=008,607,212,315,716,516,518,718,914";
```

2. Send REQ-CRV for record.

C. EXPECTED RESULTS:

1. System should return completed response.

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num, ED=ed,ET=et;
```

2. In the response: The labels with SORT=Y contain data sorted in ascending order.

Test Case # 238 Sort LAD Data Entries (TYPE = LT)**A. PURPOSE:**

Verify, if the TYPE=LT and SORT=Y, the data for each label will be sorted in ascending order.

B. TEST PROCEDURE:

1. Send SMS/800 a REQ-CRC message to create a complex record with multiple LAD labels

```
REQ-CRC: , dt, tt, ‘:::::ID=id,RO=ATX01, AC=N,NUM=”dial#“,ED=”NOW”:
IEC=”CNT1=02,0288,0222”: IAC=”CNT2=02,0110,0222”: SO=B2323441,ABN=”9086990000”,
DAU=N,NOTE=”COMPLEX REC”, ANET=”CNT6=1,XA”:CNT8=01:
LN=”UPDATE”:CNT9=001:TEL=”dial#”, LNS=2334:NODE=”CNT10=3,LT,CA,TE”:
CNT11=02:V=”*CLAT,0222,dial#”: V=”OTHER,0288,dial#”:CNT12=1:
TYPE=LT,SORT=Y,LBL=”*CLAT”,
DEF=”CNT13=12,860,852,844,846,848,840,842,854,856,858,850,862”;
```

2. Send REQ-CRV for record.

C. EXPECTED RESULTS:

1. System should return completed response.

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num, ED=ed,ET=et;
```

2. In the response: The labels with SORT=Y contain data sorted in ascending order.

Test Case # 239 Sort LAD Data Entries (TYPE = ST)**A. PURPOSE:**

Verify, if the TYPE=ST and SORT=Y, the data for each label will be sorted in ascending order.

B. TEST PROCEDURE:

1. Send SMS/800 a REQ-CRC message to create a complex record with multiple LADlabels.

```
REQ-CRC:,'dt, tt, '::::ID=id,RO=ATX01,  
AC=N,NUM="dial#",ED="NOW":IEC="CNT1=02,0288,0222":IAC="CNT2=02,0110,0222":SO=B2323  
441,ABN="9086990000", DAU=N,NOTE="COMPLEX REC", ANET="CNT6=1,XA":CNT8=01:  
LN="UPDATE":CNT9=001: TEL="dial#",LNS=2334:  
NODE="CNT10=3,ST,CA,TE":CNT11=02:V="*REST,0222,dial#": V="OTHER,0288,dial#":CNT12=1:  
TYPE=ST,SORT=Y,LBL="*REST", DEF="CNT13=12,OT,AR,PA,WY,NJ,NY,CA,CT,FL,ME,AL,IN";
```

2. Send REQ-CRV for record.

C. EXPECTED RESULTS:

1. System should return completed response.

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num, ED=ed,ET=et;
```

2. In the response: The labels with SORT=Y contain data sorted in ascending order.

Test Case # 240 Sort LAD Data Entries (TYPE = NX)**A. PURPOSE:**

Verify, if the TYPE=NX and SORT=Y, the data for each label will be sorted in ascending order.

B. TEST PROCEDURE:

Send SMS/800 a REQ-CRC message to create a complex record with multiple LAD labels.

```
REQ-CRC:,' dt, tt, ':::::ID=id,RO=ATX01, AC=N,NUM="dial#",ED="NOW":  
IEC="CNT1=02,0288,0222": IAC="CNT2=02,0110,0222": SO=B2323441,ABN="9086990000",  
DAU=N,NOTE="COMPLEX REC", ANET="CNT6=1,XA":CNT8=01: LN="UPDATE":CNT9=002:  
TEL="dial#",LNS=2334: TEL="5032700004",LNS=0004,  
LSO=503270:NODE="CNT10=002,NX,TE":CNT11=002:V="*LADNXX1,5032700004:"V="OTHER,80  
54480010":PEC="0288",PAC="0110":CNT12=01:TYPE=NX,SORT=Y,  
LBL="*LADNXX1",DEF="CNT13=005,503,344,347,980,981";
```

3. Send REQ-CRV for record.

D. EXPECTED RESULTS:

1. System should return completed response.

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num, ED=ed,ET=et;
```

2. In the response: The labels with SORT=Y contain data sorted in ascending order.

Test Case # 241 Sort LAD Data Entries (TYPE = SD)**A. PURPOSE:**

Verify, if the TYPE=SD and SORT=Y, the data for each label will be sorted in ascending order.

B. TEST PROCEDURE:

1. Send SMS/800 a REQ-CRC message to create a complex record with multiple LAD labels.

```
REQ-CRC:,date,time::::ID=id, RO=ro, AC=N,NUM=num1,ED=ed, ET=et  
IEC="CNT1=01,iec":IAC="CNT1=01,iac1":SO=so, RAO=rao,ABN=abn:  
AAC="CNT4=03,908,201,609": CNT8=01:LN="name": CNT9=06: TEL="num",LNS=001,LSO=lso:  
TEL="num",LNS=001,LSO=lso: TEL="num",LNS=001,LSO=lso:TEL="num",LNS=001,LSO=lso:  
NODE="CNT10=03,AC,SD,TE": CNT11=04:V="201,*SIX201,number": V="201,OTHER,*TEN800":  
V="908,*SIX908,number: V="908,OTHER,*TEN908": PEC=pec,PAC=pac:CNT12=04:  
TYPE=SD,SORT=Y,LBL="*SIX201",  
DEF="CNT13=003,201798,201279,201278":TYPE=SD,SORT=Y,LBL="*SIX908",  
DEF="CNT13=003,908278,908798,908279":TYPE=TE,LBL="*TEN800" DEF="CNT13=001,num1":  
TYPE=TE,LBL="*TEN908",DEF="CNT13=001,9086998434";
```

2. Send REQ-CRV for record.

C. EXPECTED RESULTS:

1. System should return completed response.

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num, ED=ed,ET=et;
```

2. In the response: The labels with SORT=Y contain data sorted in ascending order.

Test Case # 242 Sort LAD Data Entries (TYPE = TD)**A. PURPOSE:**

Verify, if the TYPE=TD and SORT=Y, the data for each label will be sorted in ascending order.

B. TEST PROCEDURE:

- Send SMS/800 a REQ-CRC message to create a complex record with multiple LAD labels.

```
REQ-CRC:, dt, tt,:::::ID=id,RO=ATX01, AC=N,NUM="dial#",ED="NOW": IEC="CNT1=02,0288,0222":  
IAC="CNT2=02,0288,0222": SO=B2323441,ABN="9086990000", DAU=N,NOTE="COMPLEX  
REC",DAT=N,HDD=N,LI=BL,RAO=000, LA="LISTING ADDR",CBI=SPR:  
CNT8=01:LN="TELCORDIA": ANET="CNT6=1,CN:CNT9=01: TEL="dial#",LNS=800:  
NODE="CNT10=3,TD,CA,TE": CNT11=03:V="*TEND1,0288,dial#": V="*TEND2,0222,dial#":  
V="OTHER,0288,dial#":CNT12=2: TYPE=TD,SORT=Y,LBL="*TEND1",  
DEF="CNT13=42,4165550001,4165550002,4165550003,4165550004,4165550005,  
4165550012,4165550013,4165550014, 4165550015,4165550016,4165550017,  
4165550006,4165550007,4165550008, 4165550018,4165550019,4165550020,  
4165550021,4165550022,4165550023, 4165550009,4165550010,4165550011,  
4165550036,4165550037,4165550038, 4165550039,4165550030,4165550031,  
4165550032,4165550033,4165550034, 4165550035,4165550040,4165550041,  
4165550024,4165550025,4165550026, 4165550027,4165550028,4165550029,  
4165550042":TYPE=TD,SORT=Y, LBL="*TEND2",DEF="CNT13=05,  
4162320005,4162320002,4162320003, 4162320001,4162320004";
```

- Send REQ-CRV for record.

C. EXPECTED RESULTS:

- System should return completed response.

```
RSP-CRC:,date,time:::COMPLD,00:::ID=id,RO=ro,NUM=num, ED=ed,ET=et;
```

- In the response: The labels with SORT=Y contain data sorted in ascending order.

Test Case # 243 Sort LAD Data Entries (Mixed TYPES)**A. PURPOSE:**

Verify, if mixed TYPES appear in the message, the LAD label data blocks that contain SORT=Y will be sorted in the order that they are entered in the message.

B. TEST PROCEDURE:

- Send SMS/800 a REQ-CRC message to create a complex record with multiple LAD labels.

```
REQ-CRC:,' , dt, tt, ':::::ID=id,RO=ATX01, AC=N,NUM="dial#",ED="NOW"
:IEC="CNT1=02,0288,0222": IAC="CNT2=02,0110,0222":
SO=B2323441,ABN="9086990000",LI=BL,RAO=000:_CNT8=01:LN="TELCORDIA":
ASTA="CNT7=02,NJ,NY":CNT9=05: TEL="dial#",LNS=800:TEL="pots1",
LNS=800,LSO=lso:TEL="pots2",LNS=800,LSO=lso:TEL="pots3",LNS=800,LSO=lso:
TEL="pots4",LNS=800,LSO=lso: NODE="CNT10=09,LT,AC,NX,SW,TD,DT,TI,CA,TE":CNT11=009:
V="224,*ACNY,*NXXNJ,ON1,*DIGIT10,*DATE1,*TIME1,0222,pots2,":
V="224,*ACNY,*NXXNJ,ON1,*DIGIT10,*DATE1,OTHER,0288,dial#":
V="224,*ACNY,*NXXNJ,ON1,*DIGIT10,OTHER,,pots2":
V="224,*ACNY,*NXXNJ,ON1,OTHER,,,pots3": V="224,*ACNY,OTHER,ON1,,,,' ,pots1":
V="224,201,280,,,0222,dial#": V="224,201,OTHER,,,,' ,pots2": V="224,OTHER,,ON1,,,,' ,pots1":
V="OTHER,,,,,0222,pots3":PEC="0288",PAC="0222":CNT12=05:TYPE=AC,
SORT=Y,LBL="*ACNY", DEF="CNT13=008,315,212,607,518,516,914,718,716":
TYPE=NX,SORT=Y,LBL="*NXXNJ", DEF="CNT13=4,908,699,232,233":
TYPE=DT,SORT=Y,LBL="*DATE1", DEF="CNT13=1,01/01-01/31":TYPE=TI,
SORT=Y,LBL="*TIME1", DEF="CNT13=1,08:00A-09:00A":TYPE=TD,SORT=Y,
LBL="*DIGIT10",DEF="CNT13=3, W0TNXXAAAF,W0TNXXAAAC,W0TNXXAAAA"
```

- Send REQ-CRV for record.

C. EXPECTED RESULTS:

- System should return completed response.

```
RSP-CRC:,date,time:::COMPLD,11::ID=id,RO=ro, NUM=num,
ED=ed,ET=et:CNTA=01:ERR1=9072,VERR=verr;
```

- In the response: The data for TYPES AC,NX,TD are sorted in ascending order. Other labels contain data ordered as it was entered.

Test Case # 244 Sort LAD Entries - Off**A. PURPOSE:**

Verify, if sorting is turned off, warning 9073 is returned. No sorting is done.

B. TEST PROCEDURE:

1. SMS will turn sort feature off
2. Send SMS/800 a REQ-CRC message to create a complex record with multiple LAD labels.

```
REQ-CRC:, dt, tt, ':::::ID=id,RO=ATX01, AC=N,NUM="dial#",ED="NOW":  
IEC="CNT1=02,0288,0222": IAC="CNT2=02,0110,0222":SO=B2323441,ABN="9086990000",DAU=N,  
NOTE="COMPLEX REC", ANET="CNT6=1,XA":CNT8=01: LN="UPDATE":CNT9=002:TEL="dial#",  
LNS=2334:TEL="5032700004",LNS=0004,LSO=503270:NODE="CNT10=002,NX,TE":CNT11=002:V=  
"*LADNXX1,5032700004":V="OTHER,dial#":PEC="0288", PAC="0110":CNT12=01:  
TYPE=NX,SORT=Y,LBL="*LADNXX1", DEF="CNT13=005,503,344,347,980,981";
```

3. Send REQ-CRV for record.

D. EXPECTED RESULTS:

1. Sort is off.
2. System should return completed response.

```
RSP-CRC:,date,time:::COMPLD,11::ID=id,RO=ro,NUM=num,  
ED=ed,ET=et:CNTA=01:ERR1=9073,VERR=verr;
```
3. In the response: The labels contain data ordered as it was entered.

Test Case # 245 Copy & Modify Complex CR - Replace CPR**A. PURPOSE:**

Copy an existing complex customer record and replace the CPR portion in the copy.

B. TEST PROCEDURE:

Create an ACTIVE complex customer record with a CPR and LAD by repeating *Test Case # 225, Page 250* with ED="NOW". Specify the effective date and time of the record in SEFD and a future effective date and time in ED/ET. Copy the existing record and replace the CPR of the copy by sending the following message:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=C,NUM=num,SEFD=sefd,ED=ed,ET=et:  
NODE="CNT10=03,AC,SD,TE":CNT11=05:V="201,,2012783000":  
V="609,*SIX609,6092261000":V="609,OTHER,6092263000":  
V="908,*SIX908,9085721000":V="908,OTHER,9086993000";
```

C. EXPECTED RESULTS:

Successful change a Complex Customer Record.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 246 Copy & Modify Complex CR To Simple CR**A. PURPOSE:**

Copy an existing pending complex customer record and delete the CPR and LAD portions.

B. TEST PROCEDURE:

Create a customer record with two instances by repeating *Test Case # 245, Page 276*. Specify the effective date and time of the latest record in SEFD and an earlier effective date and time in ED/ET. Copy the latest record backward and delete the CPR and LAD by sending the following message:

```
REQ-CRC:,date,time:::ID=id,RO=ro,AC=C,NUM=num,SEFD=sefd,ED=ed,ET=et:  
NODE="CNT10=0":CNT12=0:CNT9=1:TEL=tel,LSO=lso,LNS=1;
```

C. EXPECTED RESULTS:

Successful copy and modify of a Complex Customer Record to a simple customer record.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,  
ED=ed,ET=et:CNTA=cnta:ERR1=9000;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 247 Copy & Modify Simple CR To Complex CR**A. PURPOSE:**

Modify an existing simple customer record to become a complex customer record.

B. TEST PROCEDURE:

Create a PENDING simple customer record by repeating *Test Case # 169, Page 194*. Modify this record to become a PENDING complex customer record by sending the following message: Since only one instance of the record exists, SEFD need not be specified.

The OS sends this message:

```
REQ-CRC:,date,time:::ID=id,RO=ro,AC=C,NUM=num,ED=ed,ET=et,
RAO=ao,ABN=abn:IEC="CNT1=01,iec1":IAC="CNT2=01,iac1":
AAC="CNT4=03,908,609,201":CNT9=06: TEL="6092261000",LNS=0001,LSO=201266:
TEL="2012783000",LNS=0001,LSO=201278: TEL="20127910000",LNS=0001,LSO=201279:
TEL="60922630000",LNS=0001,LSO=609226: TEL="90857210000",LNS=0001,LSO=908572:
TEL="9086993000",LNS=0001,LSO=908699:NODE="CNT10=03,AC,SD,TE":CNT11=07:
V="201,*SIX201,2012783000":V="201,OTHER,*TEL201":
V="609,*SIX609,6092261000":V="609,OTHER,*TEL609":
V="908,*SIX908,9085721000":V="908,OTHER,9086993000":V="OTHER,,*TEL908":
PEC=pec,PAC=pac:CTN12=06
:TYPE=SD,LBL="*SIX201",DEF="CNT13=003,201224,201226,201228"
:TYPE=SD,LBL="*SIX609",DEF="CNT13=006,609226,609365, 609228,609452,609368,609232"
:TYPE=SD,LBL="*SIX908",DEF="CNT13=003,908819,908932,908846"
:TYPE=TE,LBL="*TEL908",DEF="CNT13=001,9086993000"
:TYPE=TE,LBL="*TEL609",DEF="CNT13=001,6092263000"
:TYPE=TE,LBL="*TEL201",DEF="CNT13=001,2012791000";
```

C. EXPECTED RESULTS:

Successful creation of a New Complex Customer Record with a CAD, LAD and CPR.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

Test Case # 248 Disconnect Complex CR**A. PURPOSE:**

Disconnect a Customer Record.

B. TEST PROCEDURE:

Create a complex customer record with multiple instances by repeating *Test Case # 245, Page 276*. Disconnect the latest instance by specifying its effective date/time in SEFD and sending the following message:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=D,NUM=num,SEFD=sefd,REFER=Y;

C. EXPECTED RESULTS:

Successful disconnect of an existing Customer Record.

SMS/800 responds with this message:

RSP-CRC:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 249 Disconnect Complex CR with 100 LAD Labels**A. PURPOSE:**

Disconnect a Pending Customer Record with 100 LAD Labels.

B. TEST PROCEDURE:

Create a complex customer record with 100 LAD Labels by repeating *Test Case # 227, Page 252*.
Disconnect the record by sending the following message:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=D,NUM=num,SEFD=sefd,REFER=Y;

C. EXPECTED RESULTS:

Successful disconnect of an existing Customer Record.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 250 Disconnect Complex CR with 999 LAD Labels**A. PURPOSE:**

Disconnect a Pending Customer Record with 999 LAD Labels.

B. TEST PROCEDURE:

Create a complex customer record with 999 LAD Labels by repeating *Test Case # 229, Page 256*.
Disconnect the record by sending the following message:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=D,NUM=num,SEFD=sefd,REFER=Y;

C. EXPECTED RESULTS:

Successful disconnect of an existing Customer Record.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 251 Copy & Disconnect Complex CR**A. PURPOSE:**

Copy an existing Pending Customer Record to create a PENDING disconnect record.

B. TEST PROCEDURE:

The OS sends this message:

Create a PENDING complex customer record by repeating *Test Case # 226, Page 251*. Specify a future date in ED and send the following message to create a PENDING disconnect record without a CPR or LAD:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=D,NUM=num,ED=ed,  
REFER=N,EINT=eint:CNT9=0:NODE="CNT10=0":CNT12=0;
```

C. EXPECTED RESULTS:

Successful creation of a PENDING disconnect Customer Record.

SMS/800 responds with this message:

```
RSP-CRC:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 252 Transfer Complex CR - Forward With Modification**A. PURPOSE:**

Transfer a multiple instance of a Pending Customer Record forward with a modification.

B. TEST PROCEDURE:

Create a complex customer record with two instances by repeating *Test Case # 245, Page 276*. Transfer the latest instance forward and modify the CPR to contain no LAD labels by sending the following message. Specify the effective date and time of the latest record in SEFD.

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=T,NUM=num,ED=ed,ET=et,SEFD=sefd:  
NODE="CNT10=003,AC,SD,TE":CNT11=05:V="201,,2012783000":  
V="609,609365+609232,6092261000":V="609,OTHER,6092263000":  
V="908,908699,9085721000":V="908,OTHER,9086993000":CNT12=;
```

C. EXPECTED RESULTS:

Successful transfer and modification of a Customer Record to a later effective date and time.

SMS/800 responds with this message:

```
RSP-CRC:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 253 Transfer Complex CR with 999 LAD Labels**A. PURPOSE:**

Transfer a Pending Complex Customer Record with 999 LAD Labels forward without any modification.

B. TEST PROCEDURE:

Create a complex customer record with 999 LAD Labels by repeating *Test Case # 229, Page 256*. Transfer the Customer Record forward by sending the following message.

REQ-CRC:,date,time::::ID=id,RO=ro,AC=T,NUM=num,ED=ed,ET=et,

C. EXPECTED RESULTS:

Successful transfer of a Customer Record to a later effective date and time.

SMS/800 responds with this message:

RSP-CRC:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 254 Transfer Complex CR with 100 LADS With/Modification**A. PURPOSE:**

Transfer a Pending Complex Customer Record with 100 LAD Labels forward after modifying the LAD portion of the CR by adding LAD Labels so that total number of LAD Labels is more than 999 Labels.

B. TEST PROCEDURE:

Create a complex customer record with 100 LAD Labels by repeating *Test Case # 227, Page 252*. Transfer the Customer Record forward by sending the following message.

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=T,NUM=num,ED=ed,ET=et,CNT12=1000
:TYPE=AC,LBL="*NJPAS",DEF="CNT13=003,908,609,201"
{1st label}

.
.

:TYPE=DT,LBL="*SUMMER",DEF="CNT13=001,05/31-09/01"
{101th label}

.
.

:TYPE=LT,LBL="*NJLATA",DEF="CNT13=004,224,220,222,232"
{201st label}

.
.

:TYPE=NX,LBL="*NX908",DEF="CNT13=004,908,699,572,755"
{301st label}

.
.

:TYPE=ST,LBL="*TRISTAT",DEF="CNT13=003,NJ,PA,NY"
{501st label}

.
.

:TYPE=TI,LBL="*BUSHRS",DEF="CNT13=001,09:00A-05:00P "
{701st label}

.
.

:TYPE=TD,LBL="*TENNJ",DEF="CNT13=001,9086991000"
{801st label}

.
.

:TYPE=SD,LBL="*SIX908",DEF="CNT13=003,908699,908572,908755"
{901st label}

.
.

:TYPE=TE,LBL="*TELLAD1",DEF="CNT13=001,9086998604";
{1000th label}
```

C. EXPECTED RESULTS:

Unsuccessful RSP-CRC Message because the total number of LAD Labels is greater than 999.

SMS/800 responds with this message:

RSP-CRC:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,
ED=ed,ET=et:CNT=cnt:ERR=0025:VERR=verr;

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 255 Transfer Complex CR W/LAD Forward after removing LAD**A. PURPOSE:**

Transfer a Pending Customer Record forward with a modification.

B. TEST PROCEDURE:

Create a complex customer record with CPR and LAD by repeating *Test Case # 226, Page 251*. Transfer the Customer Record forward after removing LAD and modify the CPR to contain no LAD labels by sending the following message. Specify the effective date and time of the Customer Record in SEFD.

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=T,NUM=num,ED=ed,ET=et,SEFD=sefd:  
NODE="CNT10=003,AC,SD,TE":CNT11=05:V="201,,2012783000":  
V="609,609365+609232,6092261000":V="609,OTHER,6092263000":  
V="908,908699,9085721000":V="908,OTHER,9086993000":CNT12=0;
```

C. EXPECTED RESULTS:

Successful transfer and modification of a Customer Record to a later effective date and time.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 256 Transfer Complex CR Backward To Simple CR**A. PURPOSE:**

Transfer a multiple instance of a Pending Customer Record backward with a modification.

B. TEST PROCEDURE:

Create a complex customer record with two instances by repeating *Test Case # 245, Page 276*. Transfer the latest instance to "NOW" and modify the record to become a simple record. Specify the effective date and time of the latest record in SEFD and "NOW" in ED.

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=T,NUM=num,ED="NOW",SEFD=sefd:  
CNT9=1:TEL=tel,LSO=lso,LNS=lns:NODE="CNT10=0":CNT12=0;
```

C. EXPECTED RESULTS:

Successful transfer and modification of a Customer Record to an earlier effective date and time.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 257 Resend Complex CR - Sending Status**A. PURPOSE:**

Resend a Customer Record in Sending Status.

B. TEST PROCEDURE:

Create a SENDING record by repeating *Test Case # 226, Page 251* and setting up the environment so that the customer record will stay in SENDING status. Send the following message to resend the record:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=R,NUM=num;

C. EXPECTED RESULTS:

Successful resend of a Customer Record.

SMS/800 responds with this message:

RSP-CRC:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=,ED=ed,ET=et;

The OS will also receive a customer record activation notification (UNS-CRA), if the Status of the record goes to Active or Disconnect.

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 258 Resend Complex CR with 100 LAD Labels**A. PURPOSE:**

Resend a Customer Record with 100 LAD Labels in Sending Status.

B. TEST PROCEDURE:

Create a SENDING record with 100 LAD Labels by repeating *Test Case # 227, Page 252* and setting up the environment so that the customer record will stay in SENDING status. Send the following message to resend the record:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=R,NUM=num;

C. EXPECTED RESULTS:

Successful resend of Customer Record.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=,ED=ed,ET=et;

The OS will also receive a customer record activation notification (UNS-CRA), if the Status of the record goes to Active or Disconnect.

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 259 Resend Complex CR with 999 LAD Labels**A. PURPOSE:**

Resend a Customer Record with 999 LAD Labels in Sending Status.

B. TEST PROCEDURE:

Create a SENDING record with 999 LAD Labels by repeating *Test Case # 229, Page 256* and setting up the environment so that the customer record will stay in SENDING status. Send the following message to resend the record:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=R,NUM=num;

C. EXPECTED RESULTS:

Successful resend of a Customer Record.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=,ED=ed,ET=et;

The OS will also receive a customer record activation notification (UNS-CRA), if the Status of the record goes to Active or Disconnect.

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 260 Delete Complex CR - One Of Many**A. PURPOSE:**

Delete a Customer Record.

B. TEST PROCEDURE:

Create a customer record with two instances by repeating *Test Case # 245, Page 276*. Delete the latest instance by specifying its effective date and time in ED/ET and sending the following message:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=X,NUM=num,ED=ed,ET=et;

C. EXPECTED RESULTS:

Successful delete of a Customer Record.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=,ED=ed,ET=et;

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 261 Delete Complex CR with 999 LAD Labels**A. PURPOSE:**

Delete the last instance of a Pending Customer Record with 999 LAD Labels.

B. TEST PROCEDURE:

Create a customer record with 999 LAD Labels by repeating *Test Case # 229, Page 256*. Delete the Customer Record by sending the following message:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=X,NUM=num,ED=ed,ET=et;

C. EXPECTED RESULTS:

Successful deletion of Customer Record.

SMS/800 responds with this message:

RSP-CRC:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=,ED=ed,ET=et;

D. COMMENTS:

Prerequisite assumption - The number is owned by the Resp Org.

Test Case # 262 Change a Complex CR back to Simple CR**A. PURPOSE:**

Copy an existing pending complex customer record back to simple record.

B. TEST PROCEDURE:

Copy and modify an existing complex record.

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=C,NUM=num,ED="NOW":  
IEC="CNT1=1,iec1":IAC="CNT2=0":ABN="abn",DAU=dau,DAT=dat,HDD=hdd,  
LI=li,RAO=rao,SO=so,SF="",NOTE="",AGENT="",TELCO="rao1",CUS="",LA="",  
CBI=,NCON="ncon",CTEL=ctel:ALBL="CNT3=0":AAC="CNT4=0":ALAT="CNT5=0":  
ANET="CNT6=1,anet":ASTA="CNT7=0":CNT8=1:LN="In",;CNT9=1:  
TEL="tel",LNS=lns1:NODE="CNT10=0":CNT11=0:CNT12=0;
```

C. EXPECTED RESULTS:

Successful copy and modify of a Complex Customer Record to a simple customer record.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

D. COMMENTS:

Prerequisite assumption - The number is reserved by the Resp Org.

6.6 UPDATE COMPLEX CUSTOMER RECORD (REQ-CRC) - ERROR

Test Case # 263 New Complex CR - Parsing Errors

A. PURPOSE:

Attempt to creates a new complex customer record with parsing errors present. Parsing errors are the first type of errors that are detected. This test case will cover the validation of some parsing errors for complex records.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED=ed,RAO=rao,ABN=abn:  
IEC="CNT1=01,iec1":IAC="CNT2=01,iac1":SO=so:AAC="CNT4=03,908,699,201":  
CNT8=01:LN="DML":CNT9=03:TEL="2012783000",LNS=0001,LSO=201278:  
TEL="2012791000",LNS=0001,LSO=201279: TEL="9086993000",LNS=0001,LSO=908699:CNT11=06:  
V="201,*SIX201,2012783000":V="201,OTHER,2012791000":  
V="OTHER,,9086993000":PEC=pec,PAC=pac:CNT12=01:  
LBL="*SIX201",DEF="CNT12=06,201224,201226,201228,201263,201265,201266";
```

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,ED=ed,ET=et:CNT=04:  
ERR=0028,VERR="NODE MISSING":ERR=0011,VERR="CNT11:06/V:03":  
ERR=1121,VERR="TYPE MISSING":ERR=0030,VERR="TYPE:CNT12";
```

D. COMMENTS:

This request message is denied because of the following message problems: V parameters are present without a NODE parameter, the quantity in CNT11 does not correspond with the actual quantity of V parameters, the TYPE parameter is missing from the LAD label and CNT13 should be used in the DEF string.

Test Case # 264 New Complex CR - Syntax Validations**A. PURPOSE:**

Attempts to create a new complex customer record with tag-value errors present.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED=ed,RAO=rao,ABN=abn:  
IEC="CNT1=01,iec1":IAC="CNT2=01,iac1":SO=so:AAC="CNT4=03,908,699,201":  
CNT8=01:LN="DML":CNT9=03:TEL="2012783000",LNS=0001,LSO=201278:  
TEL="2012791000",LNS=0001,LSO=201279:  
TEL="9086993000",LNS=0001,LSO=908699:NODE="CNT10=003,AC,ZZ,TE":CNT11=03:V="201,*SI  
X201,2012783000":V="201,OTHER,2012791000":  
V="OTHER,,9086993000":PEC=pec,PAC=pac:CNT12=01:TYPE=XX,LBL="SIX201",  
DEF="CNT13=006,201224,201226,201228,201263,201265,201266";
```

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,ED=ed,ET=et:  
CNT=03:ERR=1073,VERR="BAD NOD TYPE:ZZ":ERR=1108,VERR="BAD LBL TYP:XX":  
ERR=1085,VERR="LAD LBL:SIX201";
```

D. COMMENTS:

This request message is denied because of the following message problems: ZZ is not a valid NODE type, XX is not a valid LAD type, and LAD labels must begin with "*".

Test Case # 265 Modify Complex CR - Validation Error**A. PURPOSE:**

Attempt to change the record by sending a message that validates the first column of CPR data. Data must be present in the first column of all rows otherwise the request message is denied.

B. TEST PROCEDURE:

Create a PENDING customer record with a CAD, LAD and CPR by repeating *Test Case # 225, Page 250*.

The OS sends this message:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=C,NUM=num:  
NODE="CNT10=04,ST,AC,SD,TE":CNT11=03:V=",201,*SIX201,2012783000":  
V=",201,OTHER,2012791000":V=",OTHER,,2012791000";
```

C. EXPECTED RESULTS:

The request is denied because no data exists in the first column of the CPR.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,ED=ed,ET=et:  
CNT=03:ERR=1106,VERR="1ST COL IS BLANK":ERR=1106,VERR="1ST COL IS BLANK":  
ERR=1106,VERR="1ST COL IS BLANK";
```

D. COMMENTS:

This message is denied because the State (ST) column has no data under it.

Test Case # 266 Change CR - Validation Error**A. PURPOSE:**

Modify a customer record with an invalid CPR data. Each CPR row must contain different decision criteria, a CPR row cannot differ only in action data.

B. TEST PROCEDURE:

Create a PENDING customer record with a CAD, LAD and CPR by repeating *Test Case # 225, Page 250*. Send the following message which contains an invalid CPR to test the validation:

```
REQ-CRC:,date,time:::ID=id,RO=ro,AC=C,NUM=num:  
NODE="CNT10=03,AC,SD,TE":CNT11=07:V="201,*SIX201,2012783000":  
V="201,OTHER,2012791000":V="609,*SIX609,6092261000":  
V="609,OTHER,6092263000":V="908,*SIX908,9085721000":  
V="908,*SIX908,9086993000":V="908,OTHER,9086993000";
```

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::DENIED,10::ID=id,RO=ro,NUM=num,ED=ed,ET=et: CNT=01:ERR=4724;
```

D. COMMENTS:

The request message is denied because the CPR contains two row that contain exactly the same decision criteria (908 -> *SIX908). The record is stored in SMS with an INVALID status.

Test Case # 267 Modify Complex CR - Validation Error**A. PURPOSE:**

Validate a message to confirm that all decision criteria are covered. If not all decision criteria are covered, the request message is denied and the customer record becomes INVALID.

B. TEST PROCEDURE:

Create a PENDING customer record with a CAD, LAD and CPR by repeating *Test Case # 225, Page 250*. Send the following message which will replace the CPR with an invalid CPR:

```
REQ-CRC:,date,time:::ID=id,RO=ro,AC=C,NUM=num,ED=ed:  
NODE="CNT10=03,AC,SD,TE":CNT11=05:V="201,*SIX201,2012783000":  
V="201,OTHER,2012791000":V="609,*SIX609,6092261000":  
V="609,OTHER,6092263000":V="908,*SIX908,9085721000";
```

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::DENIED,10::ID=id,RO=ro,NUM=num,ED=ed,ET=et:_CNT=01: ERR=4714;
```

D. COMMENTS:

The request message is denied because the CPR data does not cover all possible NXXs for Area Code 908. An OTHER node is needed for Area Code 908. The record is stored in SMS with an INVALID status.

Test Case # 268 Modify Complex CR - Validation Error**A. PURPOSE:**

Confirm that the last column of the CPR is an action node. If the last column of the CPR is not an action node, the request message is denied and the customer record becomes INVALID.

B. TEST PROCEDURE:

Create a PENDING customer record with a CAD, LAD and CPR by repeating *Test Case # 225, Page 250*. Modify the customer record by sending the following message which contains an invalid CPR:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=C,NUM=num: NODE="CNT10=02,AC,SD":  
CNT11=06:V="201,*SIX201":V="201,OTHER":V="609,*SIX609":V="609,OTHER":  
V="908,*SIX908":V="908,OTHER";
```

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,ED=ed,ET=et:  
CNT=01:ERR=1093,VERR="SD - NO LAST NODE";
```

D. COMMENTS:

The request message is DENIED because the last column of the CPR is not an action node.

Test Case # 269 Modify Complex CR - Validation Error**A. PURPOSE:**

Attempt to modify a record by sending a message which contains duplicate LAD labels

B. TEST PROCEDURE:

Create a PENDING complex customer record with a CAD, LAD and CPR by repeating *Test Case # 225, Page 250*. Modify the customer record by sending the following message which contains an invalid LAD label:

```
REQ-CRC:,date,time:::ID=id,RO=ro,AC=C,NUM=num:CNT12=03:  
TYPE=SD,LBL="*SIX201",DEF="CNT13=004,201224,201224,201226,201228":  
TYPE=SD,LBL="*SIX609",DEF="CNT13=006,609226,609365,609228,609452,609368,609232":TYPE=  
SD,LBL="*SIX908",DEF="CNT13=003,908819,908932,908846";
```

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,ED=ed,ET=et:  
CNT=01:ERR=1092,VERR="DUP:201224";
```

D. COMMENTS:

The request message is denied because LAD label *SIX201 contains six-digit 201-224 twice. The record is not stored in SMS.

Test Case # 270 Modify Complex CR - Validation Error**A. PURPOSE:**

Attempt to modify a Customer Record by sending a message which contains 7-digit number as the tag value for TE type L AD label.

B. TEST PROCEDURE:

Create a PENDING complex customer record with a CAD, LAD and CPR by repeating *Test Case # 226, Page 251*. Modify the customer record by sending the following message which contains a 7-digit number as the tag value for TE type L AD label:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=C,NUM=num:CNT12=06:  
TYPE=SD,LBL="*SIX201",DEF="CNT13=003,201224,201226,201228":  
TYPE=SD,LBL="*SIX609",DEF="CNT13=006,609226,609365,609228,609452,609368,609232":TYPE=  
SD,LBL="*SIX908",DEF="CNT13=003,908819,908932,908846":  
TYPE=TE,LBL="*TEL908",DEF="CNT13=001,9086993000":  
TYPE=TE,LBL="*TEL609",DEF="CNT13=001,6092263000":  
TYPE=TE,LBL="*TEL201",DEF="CNT13=001,2791000";
```

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,ED=ed,ET=et:  
CNT=01:ERR=1107,VERR=verr;
```

D. COMMENTS:

The request message is denied because LAD label *TEL201 contains 7-digit number as the tag value. The record is not stored in SMS.

Test Case # 271 Modify Complex CR - Validation Error**A. PURPOSE:**

Attempt to modify a customer record by sending a message which contains an invalid CPR data.

B. TEST PROCEDURE:

Create a PENDING complex customer record with a CAD, LAD, and CPR by repeating *Test Case # 225, Page 250*. Modify this record by sending the following message which contains an invalid CPR:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=C,NUM=num,ED=ed:  
NODE="CNT10=03,AC,SD,TE":V="201,201699,2012783000":  
V="201,OTHER,2012791000":V="609,609224,6092261000":  
V="609,OTHER,6092263000":V="908,201279,9085721000": V="908,OTHER,9086993000";
```

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::DENIED,10::ID=id,RO=ro,NUM=num,ED=ed,ET=et: CNT=01:ERR=4729;
```

D. COMMENTS:

The request message is denied because the CPR contains a row where the decision criteria does not match the preceding criteria (908 -> 201279). The record is stored in SMS with an INVALID status.

Test Case # 272 Modify Complex CR - Validation Error**A. PURPOSE:**

Attempt to modify a customer record by sending a message which contains a terminating telephone number that is not listed in the CAD terminating telephone number data.

B. TEST PROCEDURE:

Create a PENDING complex customer record with a CAD, LAD, and CPR by repeating *Test Case # 225, Page 250*. Modify this record by sending the following message which contains a CPR with a terminating telephone number that is not listed on the CAD:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=C,NUM=num:  
NODE="CNT10=03,AC,SD,TE":CNT11=06:V="201,201224,2012780000":  
V="201,OTHER,2012791000":V="609,609224,6092261000":  
V="609,OTHER,6092263000":V="908,908699,9085721000": V="908,OTHER,9086993000";
```

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::DENIED,10::ID=id,RO=ro,NUM=num,ED=ed,ET=et: CNT=01:ERR=4711;
```

D. COMMENTS:

The request message is denied because the CPR contains a terminating telephone number which is not listed on the CAD. The record is stored in SMS with an INVALID status.

Test Case # 273 Modify Complex CR - Validation Error**A. PURPOSE:**

Attempt to modify a customer record by sending a message which contains LAD label that does not appear in the LAD data.

B. TEST PROCEDURE:

Create a PENDING complex customer record with a CAD, LAD, and CPR by repeating *Test Case # 225, Page 250*. Modify this record by sending the following message which contains a CPR with a LAD label that does not appear in the LAD data:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=C,NUM=num:  
NODE="CNT10=03,AC,SD,TE":CNT11=07:V="201,*SIX201,2012783000":  
V="201,OTHER,2012791000":V="609,609224,6092261000":  
V="609,OTHER,6092263000":V="908,908699,9085721000":  
V="908,*SIX9082,9085721000":V="908,OTHER,9086993000";
```

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::DENIED,10::ID=id,RO=ro,NUM=num,ED=ed,ET=et: CNT=01:ERR=4706;
```

D. COMMENTS:

The request message is denied because the CPR contains a LAD label which is not listed in the LAD data (908 -> *SIX9082) for the record created by *Test Case # 225, Page 250*. The record is stored in SMS with an INVALID status.

Test Case # 274 Modify Complex CR - Validation Error**A. PURPOSE:**

Attempt to modify a customer record by sending a message which contains a CPR with a Area-of-Service criteria that is out of the Area-of- Service defined on the CAD

B. TEST PROCEDURE:

Create a PENDING complex customer record with a CAD, LAD, and CPR by repeating *Test Case # 225, Page 250*. Modify this record by sending the following message which contains a CPR with a Area-of-Service criteria that is out of the Area-of- Service defined on the CAD:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=C,NUM=num:  
NODE="CNT10=03,AC,SD,TE":CNT11=06:V="215,215843,2012783000":  
V="215,OTHER,2012791000":V="609,609224,6092261000":  
V="609,OTHER,6092263000":V="908,908699,9085721000": V="908,OTHER,9086993000";
```

C. EXPECTED RESULTS:

The request is denied and results in a response message with an applicable error code.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::DENIED,10::ID=id,RO=ro,NUM=num,ED=ed,ET=et: CNT=01:ERR=4705;
```

D. COMMENTS:

The request message is denied because the CPR contains AOS criteria that has not been purchased on the CAD (215 ->). The record is stored in SMS with an INVALID status.

Test Case # 275 Update Complex CR - Warning**A. PURPOSE:**

Attempt to modify a customer record by sending a message which replaces the existing LAD with a LAD that contains duplicate definitions between labels

B. TEST PROCEDURE:

Create a PENDING customer record with a CAD, LAD and CPR by repeating *Test Case # 225, Page 250*. Modify this record by sending the following message which will replace the existing LAD with a LAD that contains duplicate definitions between labels.

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=C,NUM=num,ED=ed,ET=et:CNT12=04:  
TYPE=SD,LBL="*SIX201",DEF="CNT13=012,201224,201226,201228,201316,201503,201318,201259,2  
01261,201262,201263,201265,201266":  
TYPE=SD,LBL="*SIX609",DEF="CNT13=006,609226,609365,609228,609452,609368,609232":TYPE=  
SD,LBL="*SIX908",DEF="CNT13=006,908699,908572,908755,  
908819,908932,908846":TYPE=SD,LBL="*DUP609",DEF="CNT13=003,609226, 609455,609456";
```

C. EXPECTED RESULTS:

The request is completed and results in the following response message:

```
RSP-CRC:,date,time:::COMPLD,11::ID=id,RO=ro,NUM=num,ED=ed,ET=et:  
CNTA=01:ERR1=9004,VERR="*DUP609:609226";
```

D. COMMENTS:

The response message contains a warning because duplicate LAD label definitions are found.

Test Case # 276 Update Complex CR - Duplicate Warning w/Future CRs**A. PURPOSE:**

Attempt to modify a customer record by sending a message which contains two LAD labels of the same type contain duplicates and when future records exist. This test case will cover duplicate LAD label definition validation and future record notification.

B. TEST PROCEDURE:

Create a ACTIVE customer record with a CAD, LAD and CPR by repeating *Test Case # 225, Page 250*. Copy the record forward and create a Pending instance of the Customer Record. Insert a record before the newly created Pending by sending the following message which will insert the existing LAD with a LAD that contains duplicate definitions between labels and cause a future record notification.

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=C,NUM=num,ED=ed,ET=et:CNT12=04:  
TYPE=SD,LBL="*SIX201",DEF="CNT13=012,201224,201226,201228,201316,201503,201318,201259,2  
01261,201262,201263,201265,201266":  
TYPE=SD,LBL="*SIX609",DEF="CNT13=006,609226,609365,609228,609452,609368,609232":TYPE=  
SD,LBL="*SIX908",DEF="CNT13=006,908699,908572,908755,  
908819,908932,908846":TYPE=SD,LBL="*DUP609",DEF="CNT13=003,609226, 609455,609456";
```

C. EXPECTED RESULTS:

The request is completed and results in the following response message:

```
RSP-CRC:,date,time:::COMPLD,11::ID=id,RO=ro,NUM=num,ED=ed,ET=et,:  
CNTA=02:ERR1=9004,VERR="*DUP609:609226",ERR1=9000;
```

D. COMMENTS:

The response message contains a warning because duplicate LAD label definitions are found.

Test Case # 277 Error If Another Network's SAS Label is Used-CRC**A. PURPOSE:**

Attempt to create a customer record via REQ-CRC using an AOS Label entered in the albl field that belongs to another network.

B. TEST PROCEDURE:

From the OS send the following message.

```
REQ-CRC:date,time::::ID=MGIXXX01,RO=MGI01,AC=N,NUM="DIAL#",ED="NOW",
SO=N2323441,NOTE="BASIC RECORD":IEC="CNT1=01,288":IAC="CNT2=01,OTC":
ALBL="CNT3=01,AOSMGI1":CNT8=01:LN="TELCORDIA":CNT9=002:
TEL="DIAL#",LNS=800:TEL="POTS number",LNS=800,LSO=NPANXX;
```

C. EXPECTED RESULTS:

Verify the following response is received:

```
RSP-CRC:,date,time:::DENIED,01::ID=MGIXXX01,RO=MGI01,NUM="DIAL#", ED="effective
date",ET="effective time":CNT=1:ERR=1122, VERR="ALBL:NOT ALLOWED";
```

D. COMMENTS:

Receive failed update response showing a denied AOS Label error.

Test Case # 278 Successful If Same Network's SAS Label is Used-CRC**A. PURPOSE:**

Create a new CR via REQ-CRC using an AOS Label entered in the albl field that belongs to the same network.

B. TEST PROCEDURE:

From the OS send the following message.

```
REQ-CRC:date,time::::ID=MGIXXX01,RO=MGI01,AC=N,NUM="DIAL#"ED="NOW",
SO=N2323441,NOTE="BASIC RECORD":IEC="CNT1=01,288":IAC="CNT2=01,OTC":
ALBL="CNT3=01,AOSMGI1":CNT8=01:LN="TELCORDIA":CNT9=002:
TEL="DIAL#",LNS=800:TEL="POTS number",LNS=800,LSO=NPANXX;
```

C. EXPECTED RESULTS:

Verify the following response is received:

```
RSP-CRC:,date,time:::COMPLD,00::ID=MGIXXX01,RO=MGI01,NUM="DIAL#", ED="effective
date",ET="effective time";
```

D. COMMENTS:

Receive successful update response.

Test Case # 279 MGI Action Codes (N, C, D, T)-CRC**A. PURPOSE:**

CPR Main branch with data entries in % and Annncment nodes

B. TEST PROCEDURE:

Logged on as user with CR update capability via MGI simulator.

Send a REQ-CRC message to create a pending CR with a Main CPR branch that contains data entries in both the % and ANNCMENT node

C. EXPECTED RESULTS:

Verify the following response is received:

A RSP-CRC message is returned with DENIED, 10 with error code 4940, and the status is INVALID in SMS.

D. COMMENTS:

Receive unsuccessful response.

A RSP-CRC message is returned with DENIED, 10 with error code 4940, and the status is INVALID in SMS.

Test Case # 280 MGI Action Codes (N, C, D, T)-CRC

A. PURPOSE:

CPR Main branch with data entries in % and ANNC nodes -- different branches.

B. TEST PROCEDURE:

Logged on as user with CR update capability via MGI simulator.

Send a REQ-CRC message to create a pending CR with a Main CPR that contains data entries in the % and ANNC nodes (data in different branches).

C. EXPECTED RESULTS:

Verify the following response is received:

A RSP-CRC message is returned with COMPLD,00, and the status is PENDING in SMS.

D. COMMENTS:

Receive successful response.

Test Case # 281 Network(s) do not support Split Carrier**A. PURPOSE:**

Create a new CR via REQ-CRC where CCS network(s) do not support Split Carrier.

B. TEST PROCEDURE:

From the OS send the following message.

```
REQ-CRC:date,time::::ID=id,RO=ro,AC=N,NUM=num,ED="NOW":  
IEC="CNT1=01,iec":IAC="CNT2=01,iac":ABN=abn,DAU=N,DAT=N,DD=dd,HDD=N,LI-  
BL,RAO=000,SO=so,TELCO=telco,LA=la,NCON=ncon,CTEL=ctel:  
ANET="CNT6=01,anet":CNT8=01:LN="LISTING NAME":CNT9=002:  
TEL="DIAL#",LNS=333:TEL="POTS number",LNS=200,LSO=NPANXX;
```

C. EXPECTED RESULTS:

Verify the following response is received:

```
RSP-CRC:,date,time:::DENIED,10::ID=id,RO=ro,NUM=num,ED=ed,ET=et:  
CNT=01:ERR=0099,VERR="SPLIT CARRIERS iec & iac ARE NOT SUPPORTED BY  
NETWORK $$.";
```

D. COMMENTS:

Receive successful response. Parameter NO-SPLIT-CARRIER is set for specific network(s).

Test Case # 282 Network(s) do not support POTS**A. PURPOSE:**

Create a new CR via REQ-CRC where CCS network(s) do not support POTS number.

B. TEST PROCEDURE:

From the OS send the following message.

```
REQ-CRC:date,time::::ID=id,RO=ro,AC=N,NUM=num,ED="NOW":  
IEC="CNT1=01,iec":IAC="CNT2=01,iac":ABN=abn,DAU=N,DAT=N,DD=dd,HDD=N,LI-  
BL,RAO=000,SO=so,TELCO=telco,LA=la,NCON=ncon,CTEL=ctel:  
ANET="CNT6=01,anet":CNT8=01:LN="LISTING NAME":CNT9=003:  
TEL="DIAL#",LNS=333:TEL="POTS number1",LNS=200,LSO=NPANXX:TEL="POTS  
number2",LNS=400,LSO=NPANXX;
```

C. EXPECTED RESULTS:

Verify the following response is received:

```
RSP-CRC:,date,time:::DENIED,10::ID=id,RO=ro,NUM=num,ED=ed,ET=et:  
CNT=01:ERR=0099,VERR="POTS nnnnnnnnn & xxxxxxxxx ARE NOT SUPPORTED BY  
NETWORK $$.";
```

D. COMMENTS:

Receive successful response. Parameter NO-POTS-ALLOWED is set for specific network(s).

7. CUSTOMER RECORD STATUS QUERY (REQ-CRQ)

This section applies to regular CRs, pointer CRs, and templates.

Test Case # 283 Query CR

A. PURPOSE:

Query for the status of a customer record.

B. TEST PROCEDURE:

The OS sends this message where the response will be the earliest and up to 10 versions of the Customer Record:

REQ-CRQ:,date,time::::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

C. EXPECTED RESULTS:

Successful Customer Record Status Query.

SMS/800 responds with this message:

RSP-CRQ:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,RED=red,RET=ret,
RONUM=ronum,MORE=more:CNT=cnt:ED=ed,ET=et,STAT=stat,APP=app;

D. COMMENTS:

Up to 10 versions of the Customer Record are returned amongst whom there can be almost any combination of each STATUS.

01=SAVED, 02=PENDING, 03=SENDING, 04=ACTIVE, 05=OLD, 06=INVALID,
07=DISCONNECT, 08=MUST CHECK, 09=FAILED, 10=HOLD

Variations of this test differentiated by the following should be exercised; where there are 10 or less customer record instances and where there are more than 10.

Test Case # 284 Query CR - Number Belongs To Another RESPORG**A. PURPOSE:**

Query for the status of a customer record by requesting an DIAL# that belongs to another Resp Org.

B. TEST PROCEDURE:

The OS sends this message:

REQ-CRQ:,date,time:::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

C. EXPECTED RESULTS:

Successful Customer Record Status Query.

SMS/800 responds with this message:

RSP-CRQ:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,RED=red,RET=ret,
RONUM=ronum:CNT=cnt:ET=et,ET=et,STAT=stat,APP=app;

D. COMMENTS:

Prerequisite assumption - The customer record belongs to another Resp Org.

7.1 CUSTOMER RECORD STATUS QUERY - ERROR (REQ-CRQ)

Test Case # 285 Query CR - Error - Non Existant Number

A. PURPOSE:

Attempt to query for the status of a customer record by requesting a non-existent number.

B. TEST PROCEDURE:

The OS sends this message:

REQ-CRQ:,date,time::::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

C. EXPECTED RESULTS:

Failed Customer Record Status Query.

SMS/800 responds with this message:

RSP-CRQ:,date,time::::DENIED,01:::ID=id,RO=ro,NUM=num,RED=red,RET=ret:
CNT=01:ERR=07,VERR="NO REC";

D. COMMENTS:

Prerequisite assumption - The number does not exist in the SMS/800 database.

8. MULTI-CARRIER VIEW (REQ-CRV)

Starting from Release 17.1, the software has changed to show all CNT11 CPR lines where the values of Carrier and TEL# will be blank if the involved carrier has no involvement in that specific line. This section applies to regular CRs, pointer CRs, and templates.

Test Case # 286 Query Complex CR-CAD/CPR-Non-Involved Carrier

A. PURPOSE:

A Non-Involved Carrier attempt to query by a complex CR with a CAD/CPR with the following node types (LATA, Area Code, NXX, Tel #, and Announcement).

B. TEST PROCEDURE:

Query the Complex Record that was created in *Test Case # 168, Page 193*.

The OS sends this message:

REQ-CRV:,date,time::::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

C. EXPECTED RESULTS:

Receive the correct error message.

SMS/800 responds with this message:

RSP-CRV:,date,time:::DENIED,01::ID=id,RO=ro,CRO=cro,NUM=num,RED=red,
RET=ret,STAT=stat,APP=app,CNT=01:ERR=08,VERR=verr;

D. COMMENTS:

Prerequisite assumption - The Query is from a carrier that is not listed on the DIAL#.

Test Case # 287 Query Multiple instance Simple Non-Involved Carrier**A. PURPOSE:**

A Non-Involved Carrier attempt to query a Multiple instance of a Simple CR by specifying the desired Customer Record Status.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-CRV:,date,time::::ID=id,RO=ro,NUM=num,RSTAT=rstat;
```

C. EXPECTED RESULTS:

Receive the correct error message.

SMS/800 responds with this message:

```
RSP-CRV:,date,time:::DENIED,01::ID=id,RO=ro,CRO=cro,NUM=num,RSTAT=rstat,  
STAT=stat,APP=app,CNT=01:ERR=08,VERR=verr;
```

D. COMMENTS:

Prerequisite assumption - The Query is from a carrier that is not listed on the DIAL#.

Test Case # 288 Query Complex CR-CAD CPR - W/ST,SW,PC,DT,CA,TE**A. PURPOSE:**

Control Resp Org queries a complex CR with State, Switch, Percent, Date, Carrier, and Terminating Telephone # nodes.

B. TEST PROCEDURE:

Control Resp Org queries the Complex Record that was created in *Test Case # 223, Page 248*.

The OS sends this message:

```
REQ-CRV:,date,time::::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

C. EXPECTED RESULTS:

Receive a full successful query response.

SMS/800 responds with this message:

```
RSP-CRV:,date,time:::COMPLD,00::ID=id,RO=ro,CRO=cro,NUM=num,ED=ed,ET=et:  
STAT=stat,APP=app:IEC="CNT1=02,iec1,iec2":IAC="CNT2=01,OTC:  
ABN=abn,DAU=dau,DAT=dat,RCC=rcc,DD=dd,HDD=hdd,LI=li,RAO=rao,  
SO=so,TELCO=telco,NCON=ncon,CTEL=ctel,RED=red,RET=ret:  
ASTA="CNT7=03,NJ,NY,PA":CNT8=01:LN=ln:CNT9=04  
:TEL="7035731000",LNS=0001,LSO=703573 :TEL="7035731001",LNS=0001,LSO=703573  
:TEL="7035731002",LNS=0001,LSO=703573  
:TEL="800_num",LNS=0001:Node="CNT10=06,CNT10=06,ST,SW,PC,DT,CA,TE"  
:CNT11=07:V="NJ,,,iec1,7035731000":V="NY,ON1,25,,iec2,7035731000"  
:V="NY,ON1,25,,iec1,7035731000" :V="NY,ON1,50A,10/01-1231,iec2,7035731002"  
:V="NY,ON1,50A,01/01-09/30,iec1,7035731002" :V="NY,OFF,,,iec2,8002707002"  
:V="PA,,,iec2,7035731002":Z=z,DS=ds,PEC=pec,PAC=pac;
```

D. COMMENTS:

Prerequisite assumption - The Querying RESP ORG is the Control RESP ORG of the DIAL#.

Test Case # 289 Query CR-CAD CPR-W/ST,SW,PC,DT,CA,TE-Involved Carrier**A. PURPOSE:**

Involved InterLATA Carrier, iec1, queries a complex CR with State, Switch, Percent, Date, Carrier and Terminating # nodes.

B. TEST PROCEDURE:

An Involved Carrier to successfully query the Complex Record that was created in *Test Case # 223, Page 248.*

The OS sends this message:

```
REQ-CRV:,date,time::::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

C. EXPECTED RESULTS:

Receive a full successful query response for the carrier involvement.

SMS/800 responds with this message:

```
RSP-CRV:,date,time:::COMPLD,11::ID=id,RO=ro,CRO=cro,NUM=num,ED=ed,ET=et;
STAT=stat,APP=app:IEC="CNT1=01,iec1":RCC=rcc,DD=dd,RED=red,RET=ret:
ASTA="CNT7=03,NJ,NY,PA":CNT9=04:TEL="7035731000",LNS=0001,LSO=703573:
TEL="7035731001",LNS=0001,LSO=703573:TEL="7035731002",LNS=0001,LSO=703573:TEL="DIAL
num",LNS=0001:NODE="CNT10=06,ST,SW,PC,DT,CA,TE":
CNT11=03:V="NJ,,,iec1,7035731000":V="NY,ON1,25,iec1,7035731000": V="NY,ON1,50A,01/01-09/
30,iec1,7035731002":Z=z,DS=ds,PEC=pec,CNT=01,ERR=09,VERR=verr;
```

D. COMMENTS:

Prerequisite assumption - The Query is from a Involved InterLATA Carrier,(iec1), that is listed on the CAD of the DIAL#.

Test Case # 290 Query ACT CR by specifying the CR status-Involved**A. PURPOSE:**

Involved InterLATA Carrier, iec1, queries a complex CR with State, Switch, Percent, Date, Carrier and Terminating # nodes.

B. TEST PROCEDURE:

An Involved Carrier query the Complex Record that was created in *Test Case # 223, Page 248* (After the CR becomes ACTIVE).

The OS sends this message:

REQ-CRV:,date,time::::ID=id,RO=ro,NUM=num,RSTAT=04;

C. EXPECTED RESULTS:

Receive a full successful query response.

SMS/800 responds with this message:

```
RSP-CRV:,date,time::::COMPLD,11::ID=id,RO=ro,CRO=cro,NUM=num,ED=ed,  
ET=et;STAT=stat,APP=app:IEC="CNT1=01,iec1":RCC=rcc,DD=dd,RSTAT=rstat:  
ASTA="CNT7=03,NJ,NY,PA":CNT9=04:TEL="7035731000",LNS=0001,LSO=703573:  
TEL="7035731001",LNS=0001,LSO=703573: TEL="7035731002",LNS=0001,LSO=703573:  
TEL="DIALnum",LNS=0001:NODE="CNT10=06,ST,SW,PC,DT,CA,TE":CNT11=03:  
V="NJ,,,iec1,7035731000":V="NY,ON1,25,,iec1,7035731000": V="NY,ON1,50A,01/01-09/  
30,iec1,7035731002":Z=z,DS=ds,PEC=pec,CNT=01,ERR=09,VERR=verr;
```

D. COMMENTS:

Prerequisite assumption - The Query is from a Involved InterLATA Carrier, (IEC1), that is listed on the CAD of the DIAL#.

Test Case # 291 Query CR-CPR-W/ST,SW,PC,DT,CA,TE-Non-Involved Carrier**A. PURPOSE:**

An Non-Involved Carrier attempt to query a complex CR with State, Switch, Percent, Date, Carrier, and Terminating Telephone # nodes.

B. TEST PROCEDURE:

A Non-Involved Carrier queries the Complex Record that was created in *Test Case # 168, Page 193.*

The OS sends this message:

```
REQ-CRV:,date,time::::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

C. EXPECTED RESULTS:

Receive the correct error message.

SMS/800 responds with this message:

```
RSP-CRV:,date,time::::DENIED,01::ID=id,RO=ro,CRO=cro,NUM=num,RED=red,  
RET=ret,STAT=stat,APP=app:CNT=01:ERR=08,VERR=verr;
```

D. COMMENTS:

Prerequisite assumption - The Query is from a carrier that is not listed on the DIAL#.

Test Case # 292 Query Complex CR with 999 LAD Labels - Non Involved Carrier**A. PURPOSE:**

A Non-Involved Carrier attempt to query a complex CR with 999 LAD Labels.

B. TEST PROCEDURE:

A Non-Involved Carrier query the Complex Record with 999 LAD Labels that was created in *Test Case # 229, Page 256*.

The OS sends this message:

```
REQ-CRV:,date,time::::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

C. EXPECTED RESULTS:

Receive the correct error message.

SMS/800 responds with this message:

```
RSP-CRV:,date,time:::DENIED,01::ID=id,RO=ro,CRO=cro,NUM=num,RED=red,  
RET=ret,STAT=stat,APP=app:CNT=01:ERR=08,VERR=verr;
```

D. COMMENTS:

Prerequisite assumption - The Query is from a carrier that is not listed on the DIAL#.

Test Case # 293 Query Complex CR-CAD With all LAD Types**A. PURPOSE:**

Control Resp Org queries a complex CR with all LAD types.

B. TEST PROCEDURE:

A Control RESP ORG query the Complex Record that was created in *Test Case # 224, Page 249*.

The OS sends this message:

REQ-CRV:,date,time:::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

C. EXPECTED RESULTS:

Receive a full successful query response.

SMS/800 responds with this message:

```
RSP-CRV:,date,time:::COMPLD,00::ID=id,RO=ro,CRO=cro,NUM=num,ED=ed,
ET=et,STAT=stat,APP=app:IEC="CNT1=01,iec1":IAC="CNT2=01,iac1":
ABN=abn,DAU=dau,DAT=dat,RCC=rcc,DD=dd,HDD=hdd,LI=li,RAO=rao,SO=so,
TELCO=telco,NCON=ncon,CTEL=ctel,RED=red,RET=ret:
AAC="CNT4=03,908,609,201":CNT8=01:LN=ln,CNT9=01: TEL=tel,LNS=lhs,LSO=lso:CNT12=09
:TYPE=AC,LBL="*NJNPAS",DEF="CNT13=003,908,609,201"
:TYPE=DT,LBL="*SUMMER",DEF="CNT13=001,05/31-09/01"
:TYPE=LT,LBL="*NJIATA",DEF="CNT13=004,224,220,222,232"
:TYPE=NX,LBL="*NXX908",DEF="CNT13=003,908,699,572,755"
:TYPE=ST,LBL="*TRISTAT",DEF="CNT13=003,NJ,PA,NY"
:TYPE=TI,LBL="*BUSHRS",DEF="CNT13=001,09:00A-05:00P"
:TYPE=TD,LBL="*TENNJ",DEF="CNT13=001,9086991000"
:TYPE=SD,LBL="*SIX908",DEF="CNT13=003,908699,908572,908755"
:TYPE=TE,LBL="*TELLAD1",DEF="CNT13=001,9086998604";
```

D. COMMENTS:

Prerequisite assumption - The Querying RESP ORG is the Control RESP ORG of the DIAL#.

Test Case # 294 Query Complex CR CAD W/100 LAD Labels Control Resp Org**A. PURPOSE:**

Control Resp Org queries a complex CR with 100 LAD Labels.

B. TEST PROCEDURE:

A Control RESP ORG query the Complex Record that was created in *Test Case # 227, Page 252*.

The OS sends this message:

REQ-CRV:,date,time:::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

C. EXPECTED RESULTS:

Receive a full successful query response.

SMS/800 responds with this message:

```
RSP-CRV:,date,time:::COMPLD,00::ID=id,RO=ro,CRO=cro,NUM=num,ED=ed, ET=et,  
STAT=stat,APP=app:IEC="CNT1=01,iec1":IAC="CNT2=01,iac1":  
ABN=abn,DAU=dau,DAT=dat,RCC=rcc,DD=dd,HDD=hdd,LI=li,RAO=rao,SO=so,  
TELCO=telco,NCON=ncon,CTEL=ctel,RED=red,RET=ret:  
AAC="CNT4=03,908,609,201":CNT8=01:LN=ln,CNT9=01:TEL=tel,LNS=lns, LSO=lso:CNT12=100  
:TYPE=AC,LBL="*NJNPAS",DEF="CNT13=003,908,609,201"  
{ 1st Label}  
. . .  
:TYPE=DT,LBL="*SUMMER",DEF="CNT13=001,05/31-09/01"  
{ 11th Label}  
. . .  
:TYPE=LT,LBL="*NWLATA",DEF="CNT13=004,224,220,222,232"  
{ 21st Label}  
. . .  
:TYPE=NX,LBL="*NX908",DEF="CNT13=003,908,699,572,755"  
{ 31st Label}  
. . .  
:TYPE=ST,LBL="*TRISTAT",DEF="CNT13=003,NJ,PA,NY"  
{ 51st Label}  
. . .  
:TYPE=TI,LBL="*BUSHRS",DEF="CNT13=001,09:00A-05:00P"  
{ 71st Label}  
. . .  
:TYPE=TD,LBL="*TENNJ",DEF="CNT13=001,9086991000"  
{ 81st Label}  
. . .  
:TYPE=SD,LBL="*SIX908",DEF="CNT13=003,908699,908572,908755"  
{ 91st Label}
```

:TYPE=TE,LBL="*TELLAD1",DEF="CNT13=001,9086998604";
{100th Label}

D. COMMENTS:

Prerequisite assumption - The Querying RESP ORG is the Control RESP ORG of the DIAL#.

Test Case # 295 Query Complex CR CAD W/999 LAD Labels Control Resp Org**A. PURPOSE:**

Control Resp Org queries a complex CR with 999 LAD Labels.

B. TEST PROCEDURE:

A Control RESP ORG query the Complex Record with 999 LAD Labels that was created in *Test Case # 229, Page 256*.

The OS sends this message:

```
REQ-CRV:,date,time::::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

C. EXPECTED RESULTS:

Receive a full successful query response.

SMS/800 responds with this message:

```
RSP-CRV:,date,time:::COMPLD,00::ID=id,RO=ro,CRO=cro,NUM=num,ED=ed,  
ET=et,STAT=stat,APP=app:IEC="CNT1=01,iec1":IAC="CNT2=01,iac1":  
ABN=abn,DAU=dau,DAT=dat,RCC=rcc,DD=dd,HDD=hdd,LI=li,RAO=rao,SO=so,  
TELCO=telco,NCON=ncon,CTEL=ctel,RED=red,RET=ret:  
AAC="CNT4=03,908,609,201":CNT8=01:LN=ln,CNT9=01:TEL=tel,LNS=lns, LSO=lso:CNT12=999  
:TYPE=AC,LBL="*NJPAS",DEF="CNT13=003,908,609,201"  
{1st Label}  
. .  
:TYPE=DT,LBL="*SUMMER",DEF="CNT13=001,05/31-09/01"  
{101th Label}  
. .  
:TYPE=LT,LBL="*NJLATA",DEF="CNT13=004,224,220,222,232"  
{201st Label}  
. .  
:TYPE=NX,LBL="*NX908",DEF="CNT13=003,908,699,572,755"  
{301st Label}  
. .  
:TYPE=ST,LBL="*TRISTAT",DEF="CNT13=003,NJ,PA,NY"  
{501st Label}  
. .  
:TYPE=TI,LBL="*BUSHRS",DEF="CNT13=001,09:00A-05:00P"  
{701st Label}  
. .  
:TYPE=TD,LBL="*TENNNJ",DEF="CNT13=001,9086991000"  
{801st Label}  
. .
```

:TYPE=SD,LBL="*SIX908",DEF="CNT13=003,908699,908572,908755"
{901st Label}

.

:TYPE=TE,LBL="*TELLAD1",DEF="CNT13=001,9086998604";
{999th Label}

D. COMMENTS:

Prerequisite assumption - The Querying RESP ORG is the Control RESP ORG of the DIAL#.

Test Case # 296 Query CR-CAD With all LAD Types-Involved Carrier**A. PURPOSE:**

Involved IntraLATA Carries queries a complex CR with all LAD types.

B. TEST PROCEDURE:

An Involved Carrier query the Complex Record that was created in *Test Case # 224, Page 249.*

The OS sends this message:

REQ-CRV:,date,time::::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

C. EXPECTED RESULTS:

Successful number query of a Customer Record.

SMS/800 responds with this message:

```
RSP-CRV:,date,time:::COMPLD,11::ID=id,RO=ro,CRO=cro,NUM=num,ED=ed,
ET=et:STAT=stat,APP=app:IAC="CNT2=01,iac1":RCC=rcc,DD=dd,RED=red,
RET=ret:AAC="CNT4=03,908,609,201":CNT9=01:TEL=tel,LNS=lns,LSO=lso:
CNT12=09:TYPE=AC,LBL="*NJPAS",DEF="CNT13=003,908,609,201"
:TYPE=DT,LBL="*SUMMER",DEF="CNT13=001,05/31-09/01"
:TYPE=LT,LBL="*NJLATA",DEF="CNT13=004,224,220,222,232"
:TYPE=NX,LBL="*NXX908",DEF="CNT13=003,908,699,572,755"
:TYPE=ST,LBL="*TRISTAT",DEF="CNT13=003,NJ,PA,NY"
:TYPE=TI,LBL="*BUSHRS",DEF="CNT13=001,09:00A-05:00P"
:TYPE=TD,LBL="*TENNJ",DEF="CNT13=001,9086991000"
:TYPE=SD,LBL="*SIX908",DEF="CNT13=003,908699,908572,908755"
:TYPE=TE,LBL="*TELLAD1",DEF="CNT13=001,9086998604":CNT=01: ERR=09,VERR="You are
Involved";
```

D. COMMENTS:

Prerequisite assumption - The Query is from a carrier that is listed on the CAD of DIAL#.

Test Case # 297 Query CR-CAD With 999 LAD Labels-Involved Carrier**A. PURPOSE:**

Involved IntraLATA Carrier queries a complex CR with 999 LAD Labels.

B. TEST PROCEDURE:

An Involved Carrier query the Complex Record that was created in *Test Case # 229, Page 256*.

The OS sends this message:

REQ-CRV:,date,time:::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

C. EXPECTED RESULTS:

Successful number query of a Customer Record.

SMS/800 responds with this message:

```
RSP-CRV:,date,time:::COMPLD,11::ID=id,RO=ro,CRO=cro,NUM=num,ED=ed,
ET=et:STAT=stat,APP=app:IAC="CNT2=01,iac1":RCC=rcc,DD=dd,RED=red,RET=ret:AAC="CNT4=0
3,908,609,201":CNT9=01:TEL=tel,LNS=lns,LSO=lso:CNT12=999
:TYPE=AC,LBL="*NJNPAS",DEF="CNT13=003,908,609,201"
{1st Label}
:TYPE=DT,LBL="*SUMMER",DEF="CNT13=001,05/31-09/01"
{101th Label}
:TYPE=LT,LBL="*NJIATA",DEF="CNT13=004,224,220,222,232"
{201st Label}
:TYPE=NX,LBL="*NX908",DEF="CNT13=003,908,699,572,755"
{301st Label}
:TYPE=ST,LBL="*TRISTAT",DEF="CNT13=003,NJ,PA,NY"
{501st Label}
:TYPE=TI,LBL="*BUSHRS",DEF="CNT13=001,09:00A-05:00P"
{701st Label}
:TYPE=TD,LBL="*TENNJ",DEF="CNT13=001,9086991000"
{801st Label}
:TYPE=SD,LBL="*SIX908",DEF="CNT13=003,908699,908572,908755"
{901st Label}
:TYPE=TE,LBL="*TELLAD1",DEF="CNT13=001,9086998604";
{999th Label}
:CNT=01:ERR=09,VERR="You are Involved";
```

D. COMMENTS:

Prerequisite assumption - The Query is from a carrier that is listed on the CAD of DIAL#.

Test Case # 298 Query Complex CR-CAD CPR-W/AC/SD/TE-Control RESP ORG**A. PURPOSE:**

Control Resp Org queries a complex CR with Area Code, Six Digit and Terminating Telephone # nodes. LAD labels are used in the Six-Digit node.

B. TEST PROCEDURE:

Control RESP ORG query the Complex Record that was created in *Test Case # 225, Page 250.*

The OS sends this message:

```
REQ-CRV:,date,time::::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

C. EXPECTED RESULTS:

Receive a full successful query response.

SMS/800 responds with this message:

```
RSP-CRV:,date,time:::COMPLD,00::ID=id,RO=ro,CRO=cro,NUM=num,ED=ed,
ET=et:STAT=stat,APP=app:IEC="CNT1=01,iec1":IAC="CNT2=01,iac1":
ABN=abn,DAU=dau,DAT=dat,RCC=rcc,DD=dd,HDD=hdd,LI=li,RAO=rao,SO=so,
TELCO=telco,NCON=ncon,CTEL=ctel,RED=red,RET=ret:
AAC="CNT4=03,201,908,609":CNT8=01:LN=ln:CNT9=06
:TEL="6092261000",LNS=0001,LSO=609266
:TEL="2012783000",LNS=0001,LSO=201278
:TEL="2012791000",LNS=0001,LSO=201279
:TEL="6092263000",LNS=0001,LSO=609226
:TEL="9085721000",LNS=0001,LSO=908572
:TEL="9086993000",LNS=0001,LSO=908699
:NODE="CNT10=03,AC,SD,TE":CNT11=06
:V="201,*SIX201,2012783000"
:V="201,OTHER,2012791000"
:V="609,*SIX609,6092261000"
:V="609,OTHER,6092263000"
:V="908,*SIX908,9085721000"
:V="908,OTHER,9086993000":
Z=z,DS=ds,PEC=pec,PAC=pac:CNT12=03
:TYPE=SD,LBL="*SIX201",DEF="CNT13=003,201224,201226,201228"
:TYPE=SD,LBL="*SIX609",DEF="CNT13=006,
609226,609365,609228,609452,609368,609232"
:TYPE=SD,LBL="*SIX908",DEF="CNT13=003,908819,908932,908846";
```

D. COMMENTS:

Prerequisite assumption - The Querying RESP ORG is the Control RESP ORG of the DIAL#.

Test Case # 299 Query CR-CAD CPR-W/AC/SD/TE-Involved Carrier**A. PURPOSE:**

Involved IntraLATA Carrier queries a complex CR with Area Code, Six Digit and Terminating Telephone # nodes. LAD labels are used in the Six-Digit node.

B. TEST PROCEDURE:

An Involved Carrier query the Complex Record that was created in *Test Case # 225, Page 250*.

The OS sends this message:

```
REQ-CRV:,date,time::::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

C. EXPECTED RESULTS:

Receive a full successful query response.

SMS/800 responds with this message:

```
RSP-CRV:,date,time:::COMPLD,11::ID=id,RO=ro,CRO=cro,NUM=num,ED=ed,
ET=et:STAT=stat,APP=app:IAC="CNT2=01,iac1":RCC=rcc,DD=dd,RED=red,
RET=ret:AAC="CNT4=3,201,908,699":CNT9=04
:TEL="6092261888",LNS=0001,LSO=201278
:TEL="2012783000",LNS=0001,LSO=201279
:TEL="20127910001",LNS=0001,LSO=609226
:TEL="6092263000",LNS=0001,LSO=609452
:NODE="CNT10=03,AC,SD,TE"
:CNT11=06
:V="201,*SIX201,2012783000"
:V="201,OTHER,2012791000"
:V="609,*SIX609,6092261000"
:V="609,OTHER,6092263000"
:V="908,*SIX908,9085721000"
:V="908,OTHER,9086993000":
Z=z,DS=ds,
PAC=pac
:CNT12=03
:TYPE=SD,LBL="*SIX201",DEF="CNT13=003,
201224,201226,201228"
:TYPE=SD,LBL="*SIX609",DEF="CNT13=006,
609226,609365,609228,
609452,609368,609232"
:TYPE=SD,LBL="*SIX908",DEF="CNT13=003,
908819,908932,908846";
:_CNT=01:ERR=09,VERR=verr;
```

D. COMMENTS:

Prerequisite assumption - The Query is from a carrier that is listed on the CAD of the DIAL#.

Test Case # 300 Query Duplicate Record - Control RESP ORG**A. PURPOSE:**

The Control RESP ORG receives all of the data populated in the CAD.

B. TEST PROCEDURE:

Create a duplicate (Sending/Active/Disconnect) record.

The OS sends this message (with RSTAT= 03 for Sending, 04 for Active, 07 for Disconnect):

REQ-CRV:,date,time::::ID=id,RO=ro,NUM=num,RSTAT=rstat;

C. EXPECTED RESULTS:

SMS/800 responds with this message:

RSP-CRV:,date,time:::COMPLD,00::ID=id,RO=ro,CRO=cro,NUM=num,STAT=stat,
APP=app;IEC="CNT1=01,iec";IAC="CNT1=01,iac";ABN="abn",DAU=dau,DAT=dat, DD="mm/dd/
yy",HDD=hdd,LI=li,RAO=rao,SO=so,NOTE="DUPLICATE
RECORD",TELCO="telco",NCON="NCON",CTEL=ctel,ASTA="CNT7=1,OT":CNT8=1:
LN="ln":CNT9=001:TEL="tel",LSO=lso;

D. COMMENTS:

The control RESP ORG queries the record.

Test Case # 301 Query CR by specifying the CR status-Control RESP ORG**A. PURPOSE:**

Control RESP ORG queries a complex CR.

B. TEST PROCEDURE:

A Control RESP ORG query a Complex Record that is in ACTIVE, SENDING or DISCONNECT status by specifying the status of the CR (RSTAT = 03 for Sending, 04 for Active and 07 for disconnect).

The OS sends this message:

```
REQ-CRV:,date,time::::ID=id,RO=ro,NUM=num,RSTAT=rstat;
```

C. EXPECTED RESULTS:

Successful number query of a Customer Record.

SMS/800 responds with this message:

```
RSP-CRV:,date,time:::COMPLD,00::ID=id,RO=ro,CRO=cro,NUM=num,ED=ed,  
ET=et,STAT=stat,APP=app,RRC=rrc,RSTAT=rstat: IEC="CNT1=03,carrier1,carrier2,carrier3":  
IAC="CNT2=03,carrier1,carrier2,carrier3": ABN=abn,RAO=rao,SO=N2323441,NOTE="COMPLEX  
RECORD",ANET="CNT6=01,US": CNT8=01:LN="TELCORDIA":CNT9=02:TEL="POTS  
number",CITY=city,FSO=fs0,  
LSO=lso:TEL="DIAL#",LNS=800:NODE="CNT10=4,AC,SD,CA,TE";CNT11=4:  
V="416,*A416,carrier1,POTS number":V="416,other,carrier2,DIAL#":  
V="519,,carrier3,DIAL#":V="OTHER,,,DIAL#":CNT12=01:  
TYPE=SD,LBL="*A416",DEF="CNT13=001,416555",PEC=carrier1,PAC=carrier2;
```

D. COMMENTS:

Prerequisite assumption - The Querying RESP ORG is the Control RESP ORG of the DIAL#.

Test Case # 302 Query a Multiple Instance CR - Control RESP ORG**A. PURPOSE:**

Control RESP ORG queries a complex CR

B. TEST PROCEDURE:

A Control RESP ORG query a multiple instance Complex Record by sending a REQ-CRV with no ED/ET/RSTAT.

The OS sends this message:

REQ-CRV:,date,time::::ID=id,RO=ro,NUM=num,

C. EXPECTED RESULTS:

Successful number query of a multiple instance complex Customer Record. The most recent SENDING/ACTIVE/DISCONNECT instance (or PENDING if none of these exist) will be returned.

SMS/800 responds with this message:

RSP-CRV:,date,time:::COMPLD,11::ID=id,RO=ro,CRO=cro,NUM=num,ED=ed,
ET=et,STAT=stat,APP=app,RRC=rrc: IEC="CNT1=03,carrier1,carrier2,carrier3":
IAC="CNT2=03,carrier1,carrier2,carrier3":ABN=abn,RAO=rao, SO=N2323441,NOTE="COMPLEX
RECORD",ANET="CNT6=01,US":CNT8=01: LN="TELCORDIA":CNT9=02:TEL="POTS
number",CITY=city,FSO=fso,LSO=lso:
TEL="DIAL#",LNS=800:NODE="CNT10=4,AC,SD,CA,TE":CNT11=4: V="416,*A416,carrier1,POTS
number":V="416,other,carrier2,DIAL#": V="519,,carrier3,DIAL#":V="OTHER,,,DIAL#":CNT12=01:
TYPE=SD,LBL="*A416",DEF="CNT13=001,416555",PEC=carrier1,PAC=carrier2,
CNT=01:ERR=10,VERR=verr;

D. COMMENTS:

Prerequisite assumption - The Querying RESP ORG is the Control RESP ORG of the DIAL#.

Test Case # 303 CR Size & CRUR with ED, ET - Control RO**A. PURPOSE:**

Control RESP ORG queries a complex CR.

B. TEST PROCEDURE:

A Control RESP ORG query a Complex Record with a specific instance.

The OS sends this message:

REQ-CRV:,date,time::::ID=id,RO=ro,NUM=num,ED=ed,ET=et,SIZE=Y;

C. EXPECTED RESULTS:

Successful query of a Customer Record.

SMS/800 responds with this message:

```
RSP-CRV:,date,time:::COMPLD,00::ID=id,RO=ro,CRO=cro,NUM=num,ED=ed,
ET=et,STAT=stat,APP=app,RRC=rrc,RSTAT=rstat,CRSIZE=crsize,CRUR=crur:
IEC="CNT1=03,carrier1,carrier2,carrier3": IAC="CNT2=03,carrier1,carrier2,carrier3":
ABN=abn,RAO=rao,SO=N2323441,NOTE="COMPLEX RECORD",ANET="CNT6=01,US":
CNT8=01:LN="TELCORDIA":CNT9=02:TEL="POTS number",CITY=city,FSO=fs0,
LSO=lso:TEL="DIAL#",LNS=800:NODE="CNT10=4,AC,SD,CA,TE";CNT11=4:
V="416,*A416,carrier1,POTS number":V="416,other,carrier2,DIAL#":
V="519,,carrier3,DIAL#":V="OTHER,,,DIAL#":CNT12=01:
TYPE=SD,LBL="*A416",DEF="CNT13=001,416555",PEC=carrier1,PAC=carrier2;
```

D. COMMENTS:

Prerequisite assumption - The Querying RESP ORG is the Control RESP ORG of the DIAL#.

Test Case # 304 CR Size & CRUR without ED, ET - Control RO**A. PURPOSE:**

Control RESP ORG queries a complex CR.

B. TEST PROCEDURE:

A Control RESP ORG query a Complex Record without specifying the instance.

The OS sends this message:

REQ-CRV:,date,time::::ID=id,RO=ro,NUM=num,SIZE=Y;

C. EXPECTED RESULTS:

Successful query of a Customer Record. The size and the update rate of the default record is returned.

SMS/800 responds with this message:

```
RSP-CRV:,date,time:::COMPLD,00::ID=id,RO=ro,CRO=cro,NUM=num,ED=ed,
ET=et,STAT=stat,APP=app,RRC=rrc,RSTAT=rstat,CRSIZE=crsize,CRUR=crur:
IEC="CNT1=03,carrier1,carrier2,carrier3": IAC="CNT2=03,carrier1,carrier2,carrier3":
ABN=abn,RAO=rao,SO=N2323441,NOTE="COMPLEX RECORD",ANET="CNT6=01,US":
CNT8=01:LN="TELCORDIA":CNT9=02:TEL="POTS number",CITY=city,FSO=fs0,
LSO=lso:TEL="DIAL#",LNS=800:NODE="CNT10=4,AC,SD,CA,TE";CNT11=4:
V="416,*A416,carrier1,POTS number":V="416,other,carrier2,DIAL#":
V="519,,carrier3,DIAL#":V="OTHER,,,DIAL#":CNT12=01:
TYPE=SD,LBL="*A416",DEF="CNT13=001,416555",PEC=carrier1,PAC=carrier2;
```

D. COMMENTS:

Prerequisite assumption - The Querying RESP ORG is the Control RESP ORG of the DIAL#.

Test Case # 305 Agent for RO Change within Entity - Control RO**A. PURPOSE:**

Control RESP ORG queries a complex CR that was Resp Org Changed within the same entity.

B. TEST PROCEDURE:

A Control RESP ORG query a Complex Record.

The OS sends this message:

REQ-CRV:,date,time::::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

C. EXPECTED RESULTS:

Successful query of a Customer Record with AGENT tag and value.

SMS/800 responds with this message:

```
RSP-CRV:,date,time:::COMPLD,00::ID=id,RO=ro,CRO=cro,NUM=num,ED=ed,
ET=et,STAT=stat,APP=app,RRC=rrc,RSTAT=rstat: IEC="CNT1=03,carrier1,carrier2,carrier3":
IAC="CNT2=03,carrier1,carrier2,carrier3":
ABN=abn,RAO=rao,SO=N2323441,AGENT=agent,NOTE="COMPLEX
RECORD",ANET="CNT6=01,US": CNT8=01:LN="TELCORDIA":CNT9=02:TEL="POTS
number",CITY=city,FSO=fs0,
LSO=lso:TEL="DIAL#",LNS=800:NODE="CNT10=4,AC,SD,CA,TE";CNT11=4:
V="416,*A416,carrier1,POTS number":V="416,other,carrier2,DIAL#":
V="519,,carrier3,DIAL#":V="OTHER,,DIAL#":CNT12=01:
TYPE=SD,LBL="*A416",DEF="CNT13=001,416555",PEC=carrier1,PAC=carrier2;
```

D. COMMENTS:

Prerequisite assumption - The CR belonged to a Resp Org in the same entity \$\$*** and the Agent tag showing the agent id. The CR was Resp Org changed within the same Entity. The Querying RESP ORG is the current Control RESP ORG of the DIAL#.

Test Case # 306 Agent for RO Change outside Entity - Control RO**A. PURPOSE:**

Control RESP ORG queries a complex CR that was Resp Org Changed from a different entity.

B. TEST PROCEDURE:

A Control RESP ORG query a Complex Record.

The OS sends this message:

REQ-CRV:,date,time::::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

C. EXPECTED RESULTS:

Successful query of a Customer Record without AGENT tag and value.

SMS/800 responds with this message:

```
RSP-CRV:,date,time:::COMPLD,00::ID=id,RO=ro,CRO=cro,NUM=num,ED=ed,
ET=et,STAT=stat,APP=app,RRC=rrc,RSTAT=rstat: IEC="CNT1=03,carrier1,carrier2,carrier3":
IAC="CNT2=03,carrier1,carrier2,carrier3": ABN=abn,RAO=rao,SO=N2323441,NOTE="COMPLEX
RECORD",ANET="CNT6=01,US": CNT8=01:LN="TELCORDIA":CNT9=02:TEL="POTS
number",CITY=city,FSO=fso,
LSO=lso:TEL="DIAL#",LNS=800:NODE="CNT10=4,AC,SD,CA,TE";CNT11=4:
V="416,*A416,carrier1,POTS number":V="416,other,carrier2,DIAL#":
V="519,,carrier3,DIAL#":V="OTHER,,,DIAL#":CNT12=01:
TYPE=SD,LBL="*A416",DEF="CNT13=001,416555",PEC=carrier1,PAC=carrier2;
```

D. COMMENTS:

Prerequisite assumption - The CR belonged to a Resp Org in a different entity \$\$*** and the Agent tag showing the agent id. The CR was Resp Org changed outside of the Entity. The Querying RESP ORG is the current Control RESP ORG of the DIAL#.

Test Case # 307 Query Complex CR - Involved Carrier-Primary InterLATA**A. PURPOSE:**

Involved Primary InterLATA Carrier queries a Complex CR

B. TEST PROCEDURE:

An Involved Carrier query a Complex Record for which they are the Primary InterLATA Carrier.

The OS sends this message:

REQ-CRV:,date,time::::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

C. EXPECTED RESULTS:

Successful number query of a Customer Record.

SMS/800 responds with this message:

```
RSP-CRV:,date,time:::COMPLD,11::ID=id,RO=ro,CRO=cro,NUM=num,ED=ed,
ET=et,STAT=stat,RCC=rcc,RED=red,RET=ret,APP=app:IEC="CNT1=01,carrier1":
ANET="CNT6=01,US":CNT9=02:TEL="DIAL#",LNS=800: TEL="POTS number",
CITY=city,FSO=fso,LSO=lso,LNS=800:NODE="CNT10=4,AC,SD,CA,TE":CNT11=2:
V="416,*A416,carrier1,POTS number":V="OTHER-001,,DIAL#":CNT12=01:
TYPE=SD,LBL="*A416",DEF="CNT13=001,416555":CNT14=01: OTH="OTHER-001:ALL
AREA CODE IN THE AREA OF SERVICE EXCEPT 416:" CNT=01:ERR=09,VERR=verr
```

D. COMMENTS:

Prerequisite assumption - The Querying Carrier is an Involved Primary InterLATA Carrier for the DIAL#.

Test Case # 308 Query Complex CR - Non-Involved Carrier**A. PURPOSE:**

Non-Involved Carrier queries a complex CR

B. TEST PROCEDURE:

An Non-Involved Carrier query a Complex Record.

The OS sends this message:

REQ-CRV:,date,time::::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

C. EXPECTED RESULTS:

Receive the correct error message.

SMS/800 responds with this message:

RSP-CRV:,date,time::::DENIED,01::ID=id,RO=ro,CRO=cro,NUM=num,RED=red,
RET=ret,STAT=stat,APP=app:CNT=01:ERR=08;

D. COMMENTS:

Prerequisite assumption - The Query is from a carrier that is not listed on the DIAL#.

Test Case # 309 Query Complex CR - Non-Involved Carrier**A. PURPOSE:**

Non-Involved Carrier queries a complex CR

B. TEST PROCEDURE:

A Non-Involved Carrier query a Complex Record by specifying the status of the CR.

The OS sends this message:

REQ-CRV:,date,time::::ID=id,RO=ro,NUM=num,RSTAT=rstat;

C. EXPECTED RESULTS:

Receive the correct error message.

SMS/800 responds with this message:

RSP-CRV:,date,time::::DENIED,01::ID=id,RO=ro,CRO=cro,NUM=num,
RSTAT=rstat,STAT=stat,APP=app:CNT=01:ERR=08,VERR=verr;

D. COMMENTS:

Prerequisite assumption - The Query is from a carrier that is not listed on the DIAL#.

Test Case # 310 Query Complex CR - Involved Carrier-Primary IntraLATA**A. PURPOSE:**

Involved Primary IntraLATA Carrier queries a complex CR

B. TEST PROCEDURE:

An Involved Primary IntraLATA Carrier query a Complex Record.

The OS sends this message:

REQ-CRV:,date,time:::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

C. EXPECTED RESULTS:

Successful number query of a Customer Record.

SMS/800 responds with this message:

```
RSP-CRV:,date,time:::COMPLD,11::ID=id,RO=ro,CRO=cro,NUM=num,ED=ed,
ET=et,RED=red,RET=ret,RCC=rcc,STAT=stat,AC=N,APP=app:
IAC="CNT2=02,carrier1":ABN=abn,RAO=rao,SO=N2323441,      NOTE="COMPLEX
RECORD",ANET="CNT6=01,US":CNT9=01:
TEL="DIAL#",LNS=800:NODE="CNT10=4,AC,SD,CA,TE";CNT11=1:      V="416,OTHER-
001,carrier1,DIAL#":CNT12=01:TYPE=SD,LBL="*A416",
DEF="CNT13=001,416555":CNT14=01:OTH="OTHER-001:           ALL 6# IN AREA CD 416
EXCEPT 555.":PAC=carrier1,CNT=01:ERR=09,VERR=verr;
```

D. COMMENTS:

Prerequisite assumption - The Querying Carrier is an Involved Carrier who is selected the primary intraLATA carrier of the DIAL#.

8.1 MULTI-CARRIER VIEW - ERROR (REQ-CRV)

Test Case # 311 Query CR that does not exist**A. PURPOSE:**

Attempt to query for a record that does not exist.

B. TEST PROCEDURE:

The OS sends this message:

REQ-CRV:,date,time::::ID=id,RO=ro,NUM=num;

C. EXPECTED RESULTS:

Receive the correct error message.

SMS/800 responds with this message:

RSP-CRV:,date,time::::DENIED,01::ID=id,RO=ro,NUM=num:CNT=01: ERR=07,VERR=verr;

D. COMMENTS:

Prerequisite assumption - The number that was being queried did not exist.

Test Case # 312 Query CR that does not exist Involved Carrier/RSTAT**A. PURPOSE:**

Attempt to query for a record that is not found for the DIAL# using RSTAT parameter.

B. TEST PROCEDURE:

Query for a record that does not exist by specifying a valid CR status in RSTAT parameter.

The OS sends this message:

```
REQ-CRV:,date,time:::ID=id,RO=ro,NUM=num,RSTAT=rstat;
```

C. EXPECTED RESULTS:

Receive the correct error message.

SMS/800 responds with this message:

```
RSP-CRV:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,RSTAT=rstat:  
CNT=01:ERR=07,VERR=verr;
```

D. COMMENTS:

Prerequisite assumption - The number that was being queried did not exist.

Test Case # 313 Query CR by specifying a RSTAT parameter not valid**A. PURPOSE:**

Attempt to query a customer record when a value other than 03(sending), 04(active) or 07(disconnect) is specified for RSTAT.

B. TEST PROCEDURE:

Query for a record with a value of 02 for RSTAT.

The OS sends this message:

```
REQ-CRV:,date,time::::ID=id,RO=ro,NUM=num,RSTAT=02;
```

C. EXPECTED RESULTS:

Receive the correct error message.

SMS/800 responds with this message:

```
RSP-CRV:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,RSTAT=rstat:  
CNT=01:ERR=17,VERR=verr;
```

D. COMMENTS:

Prerequisite assumption - The request message is denied because an invalid value is specified for RSTAT.

Test Case # 314 Query A CR by specifying both ED/ET and CR Status**A. PURPOSE:**

Attempt to query a customer record when both ED/ET and RSTAT (CR status) are specified on REQ-CRV.

B. TEST PROCEDURE:

Query for a record by specifying the CR's ED/ET and Status

The OS sends this message:

REQ-CRV:,date,time:::ID=id,RO=ro,NUM=num,ED=ed,ET=et,RSTAT=rstat;

C. EXPECTED RESULTS:

Receive the correct error message.

SMS/800 responds with this message:

RSP-CRV:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,RSTAT=rstat,
RED=red,RET=ret:CNT=cnt:ERR=04,VERR=verr;

D. COMMENTS:

Prerequisite assumption - The request message is denied because both ED/ET and RSTAT were specified.

Test Case # 315 Query Complex CR - Missing Parameters**A. PURPOSE:**

Attempt to query a customer record when a request message has a missing parameter.

B. TEST PROCEDURE:

Query for a record that has a missing parameter.

The OS sends this message:

REQ-CRV:,date,time::::RO=ro,NUM=num,EFF="04/20/96";

C. EXPECTED RESULTS:

Receive the correct error messages.

SMS/800 responds with these messages:

RSP-CRV:,date,time::::DENIED,01::RO=ro,NUM=num:CNT=01:ERR=02, VERR="ID:MISSING";

D. COMMENTS:

Prerequisite assumption - The request message is denied because the ID field was missing.

Test Case # 316 Query Complex CR - Unrecognizable Parameters**A. PURPOSE:**

Attempt to query a customer record when a request message has an unrecognizable parameter.

B. TEST PROCEDURE:

Query for a record that has an unrecognizable parameter.

The OS sends these messages:

REQ-CRV:,date,time::::ID=id,RTO=ro,NUM=num;

C. EXPECTED RESULTS:

Receive the correct error messages.

SMS/800 responds with this message:

RSP-CRV:,date,time::::DENIED,01::ID=id,NUM=num:CNT=01:ERR=03, VERR="RTO=ro";

D. COMMENTS:

Prerequisite assumption - The request message is denied because the request message contains an invalid tag.

Test Case # 317 Query Complex CR with Invalid Time Stamp**A. PURPOSE:**

Attempt to query a customer record when an invalid time stamp is in the message.

B. TEST PROCEDURE:

Query for a record that has an invalid time stamp in the message.

The OS sends this message:

REQ-CRV:,14/34/62,tt:FF::::ID=id,RO=ro,NUM=num,ED="04/16/96";

C. EXPECTED RESULTS:

Receive the correct error message.

SMS/800 responds with this message:

RSP-CRV:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num:CNT=01: ERR=98,VERR="14/34/
62,tt:FF";

D. COMMENTS:

The request message is denied because the request message contains an invalid time stamp.

Test Case # 318 Query Simple Pending Disconnect CR - Refer=N**A. PURPOSE:**

Non-Involved Carrier queries a pending Disconnect CR with REFER=N.

B. TEST PROCEDURE:

An Non-Involved Carrier query the Pending Disconnect Record that was created in *Test Case # 194, Page 219.*

The OS sends this message:

```
REQ-CRV:,date,time::::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

C. EXPECTED RESULTS: Receive a

failed query response. SMS/800

responds with this message:

```
RSP-CRV:,date,time::::DENIED,01::ID=id,RO=ro,NUM=num,RED=red,  
RET=ret,STAT=stat:CNT=01:ERR=08,VERR=verr;
```

D. COMMENTS:

Prerequisite assumption - The Query is from a carrier that is not listed on DIAL#.

Test Case # 319 Query Simple Pending Disconnect CR -Refer=N**A. PURPOSE:**

Involved Carrier queries a pending Disconnect CR with REFER=N.

B. TEST PROCEDURE:

An Involved Carrier query the Pending Disconnect Record that was created in *Test Case # 195, Page 220.*

The OS sends this message:

```
REQ-CRV:,date,time:::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

C. EXPECTED RESULTS: Receive a

failed query response. SMS/800

responds with this message:

```
RSP-CRV:,date,time:::DENIED,01::ID=id,RO=ro,CRO=cro,NUM=num,  
RED=red,RET=ret,STAT=stat:CNT=01:ERR=08,VERR=verr;
```

D. COMMENTS:

Prerequisite assumption - The Query is from a carrier that is listed on DIAL#.

9. CR SCP STATUS QUERY/RESEND/AUDIT (REQ-SCP/RSP-SCP/UNS-SCP)

Starting from Release 18.0, the software has implemented to allow OS query SCP statuses of a CR and request to delete, resend, audit a CR using REQ-SCP message. This section applies to regular CRs, pointer CRs, and templates.

Test Case # 320 Query where CR does not exist - reject from SMS

A. PURPOSE:

OS attempt to query a CR where CR does not exist in SMS (the number in Spare, Reserve, or Transitional status).

B. TEST PROCEDURE:

Query the Customer Record.

The OS sends this message:

REQ-
SCP:,date,time::::ID=id,RO=ro,AC=Q,NUM=num,ED=ed,ET=et,CRITICAL=critical:CNT=cnt:SCP=scp;

C. EXPECTED RESULTS:

Receive the correct error message.

SMS/800 responds with this message:

RSP-SCP:,date,time:::DENIED,01::ID=id,RO=ro,CRO=cro,NUM=num,
ED=ed,ET=et:CNT=cnt:ERR=err:VERR=verr;

No UNS-SCP message will receive.

D. COMMENTS:

Prerequisite assumption - The request is from the Resp Org that has update permission for this Customer Record.

Test Case # 321 Resend CR to those out of AOS SCPs - reject from SMS**A. PURPOSE:**

OS resends a pending CR.

B. TEST PROCEDURE:

OS request a resend the Customer Record to those out of Area-Of-Service SCPs (SCP IDs are not in the AOS of the CR).

The OS sends this message:

REQ-
SCP:,date,time::::ID=id,RO=ro,AC=R,NUM=num,ED=ed,ET=et,CRITICAL=critical:CNT=cnt:SCP=scp;

C. EXPECTED RESULTS:

Receive a un-successful query response with ERR=25.

SMS/800 responds with this message:

RSP-SCP:,date,time:::DENIED,01::ID=id,RO=ro,CRO=cro,NUM=num,
ED=ed,ET=et:CNT=cnt:ERR=err:VERR=verr;

No UNS-SCP message will receive.

D. COMMENTS:

Prerequisite assumption - The request is from the Resp Org that has the update permission for this Customer Record.

Test Case # 322 Resend a delete to an Active CR**A. PURPOSE:**

OS deletes a CR in Active status.

B. TEST PROCEDURE:

OS request a delete the Customer Record.

The OS sends this message:

REQ-
SCP:,date,time::::ID=id,RO=ro,AC=D,NUM=num,ED=ed,ET=et,CRITICAL=critical:_CNT=cnt:SCP=scp;

C. EXPECTED RESULTS:

Receive a successful delete response.

SMS/800 responds with this message:

RSP-SCP:,date,time:::COMPLD,00::ID=id,RO=ro,CRO=cro,NUM=num,
ED=ed,ET=et,CRSTAT=crstat:SCNT=sent:SCP=scp,SCPSTAT=scpstat,INAOS=inaos:LCNT=lcnt:
LED=led,LET=let:LSTAT=lstat;

Receive a UNS-SCP with result of those out of Area-Of-Service (AOS) SCPs:

UNS-SCP:,date,time::::RO=ro,NUM=num,ED=ed,ET=et:SCP=scp,RES=07;

D. COMMENTS:

Prerequisite assumption - The request is from the Resp Org that has the update permission for this Customer Record.

Test Case # 323 Resend update or delete queued when SCP is overloaded or unavailable**A. PURPOSE:**

OS resend a CR.

B. TEST PROCEDURE:

OS request a resend the update or delete the Customer Record.

The OS sends this message:

REQ-
SCP:,date,time::::ID=id,RO=ro,AC=R,NUM=num,ED=ed,ET=et,CRITICAL=critical:_CNT=cnt:SCP=scp;

C. EXPECTED RESULTS:

Receive a successful resend response.

SMS/800 responds with this message:

RSP-SCP:,date,time:::COMPLD,00::ID=id,RO=ro,CRO=cro,NUM=num,
ED=ed,ET=et,CRSTAT=crstat:SCNT=scnt:SCP=scp,SCPSTAT=scpstat,INAOS=inaos:LCNT=lcnt:
LED=led,LET=let:LSTAT=lstat;

Receive UNS-SCP messages with results of those SCPs in OK status and/or mixed with results for unavailable SCPs (depending on how the SCPs are grouped one or more UNS-SCPs will return):

UNS-SCP:,date,time::::RO=ro,NUM=num,ED=ed,ET=et:SCP=scp,RES=01 or 08 or 09; When
those SCPs in unavailable status become available another UNS-SCP will return: UNS-
SCP:,date,time::::RO=ro,NUM=num,ED=ed,ET=et:SCP=scp,RES=01;

D. COMMENTS:

Prerequisite assumption - The request is from the Resp Org that has the update permission for this Customer Record. Some SCPs are down in QU or QN status.

Test Case # 324 Query with no ED/ET, SCP status on latest Sending version**A. PURPOSE:**

OS query a CR without specifying ED and ET.

B. TEST PROCEDURE:

OS request a query of the Customer Record.

The OS sends this message:

REQ-SCP:,date,time::::ID=id,RO=ro,AC=A,NUM=num,CRITICAL=critical:_CNT=cnt:SCP=scp;

C. EXPECTED RESULTS:

Receive a successful query response. The latest verion of the CR is queried if Sending record exists. Otherwise, the latest Active/Disconnect/Failed-at-SCP will be queried.

SMS/800 responds with this message:

RSP-SCP:,date,time::::COMPLD,00::ID=id,RO=ro,CRO=cro,NUM=num,
ED=ed,ET=et,CRSTAT=crstat:SCNT=scnt:SCP=scp,SCPSTAT=scpstat,INAOS=inaos:LCNT=lcnt:
LED=led,LET=let:LSTAT=lstat;

Where SCPSTAT=01 and INAOS=Y for those SCPs in the Area-of-Service.

No UNS-SCP message be received.

D. COMMENTS:

Prerequisite assumption - The request is from the Resp Org that has the update permission for this Customer Record.

Test Case # 325 Audit CR and Records Match**A. PURPOSE:**

OS audit a CR.

B. TEST PROCEDURE:

OS request an audit the Customer Record.

The OS sends this message:

REQ-
SCP:,date,time::::ID=id,RO=ro,AC=A,NUM=num,ED=ed,ET=et,CRITICAL=critical:_CNT=cnt:SCP=scp;

C. EXPECTED RESULTS:

Receive a successful audit response.

SMS/800 responds with this message:

RSP-SCP:,date,time::::COMPLD,00::ID=id,RO=ro,CRO=cro,NUM=num,
ED=ed,ET=et,CRSTAT=crstat:SCNT=scnt:SCP=scp,SCPSTAT=scpstat,INAOS=inaos:LCNT=lcnt:
LED=led,LET=let:LSTAT=lstat;

Receive a UNS-SCP with result of those SCPs in Area-of-Service and another UNS-SCP for those SCPs out of Area-of-Service:

UNS-SCP:,date,time::::RO=ro,NUM=num,ED=ed,ET=et:SCP=scp,RES=14;

D. COMMENTS:

Prerequisite assumption - The request is from the Resp Org that has the update permission for this Customer Record.

Test Case # 326 Audit CR failed when SCP is overloaded or unavailable**A. PURPOSE:**

OS audit a CR.

B. TEST PROCEDURE:

OS request an audit the Customer Record.

The OS sends this message:

REQ-
SCP:,date,time::::ID=id,RO=ro,AC=A,NUM=num,ED=ed,ET=et,CRITICAL=critical:_CNT=cnt:SCP=scp;

C. EXPECTED RESULTS:

Receive a successful resend response.

SMS/800 responds with this message:

RSP-SCP:,date,time::::COMPLD,00::ID=id,RO=ro,CRO=cro,NUM=num,
ED=ed,ET=et,CRSTAT=crstat:SCNT=scnt:SCP=scp,SCPSTAT=scpstat,INAOS=inaos:LCNT=lcnt:
LED=led,LET=let:LSTAT=lstat;

Receive UNS-SCP messages with results of those SCPs in OK status and/or mixed with results for unavailable SCPs (depending on how the SCPs are grouped one or more UNS-SCPs will return):

UNS-SCP:,date,time::::RO=ro,NUM=num,ED=ed,ET=et:SCP=scp,RES=14 or 22 or 23;

When the unavailable SCPs become available, another UNS-SCP will return:

UNS-SCP:,date,time::::RO=ro,NUM=num,ED=ed,ET=et:SCP=scp,RES=14;

D. COMMENTS:

Prerequisite assumption - The request is from the Resp Org that has the update permission for this Customer Record. Some SCPs are down in QU or QN status.

10. TROUBLE REFERRAL NUMBER QUERY (REQ-TRN)

Test Case # 327 Query for a TRN associated with a specific RESP ORG

A. PURPOSE:

Send a REQ-TRN message to query for a trouble referral number associated with a specific RESP ORG (i.e.,DIA01). A trouble referral number exists for this RESP ORG.

B. TEST PROCEDURE:

The OS sends this message:

REQ-TRN:,date,time::::ID=id,RO=ro,ROTRN=rotrn;

C. EXPECTED RESULTS:

SMS/800 responds with this message:

RSP-TRN:,date,time:::COMPLD,00::ID=id,RO=ro,ROTRN=rotrn,RONM=ronm,TRN=trn;

D. COMMENTS:

Successful Trouble Referral Number Query.

Test Case # 328 Test for TRN using a customer record number as input**A. PURPOSE:**

Send a REQ-TRN message to query for a trouble referral number using a customer record number as input. A trouble referral number exists for RESP ORG of the customer record.

B. TEST PROCEDURE:

The OS sends this message:

REQ-TRN:,date,time::::ID=id,RO=ro:QT=01:NUM=num;

C. EXPECTED RESULTS:

Successful Trouble Referral Number Query.

SMS/800 responds with this message:

RSP-TRN:,date,time::::COMPLD,00::ID=id,RO=ro:QT=01:ROTRN=rotrn,RONM=ronm,
NUM=num,TRN=trn;

D. COMMENTS:

Successful Trouble Referral Number Query.

Test Case # 329 Test for TRN using a CR that belongs to another RESP ORG**A. PURPOSE:**

Send a REQ-TRN message to query for a trouble referral number using a customer record number as input. A trouble referral number exists for the control RESP ORG but the customer record belong to another RESP ORG.

B. TEST PROCEDURE:

The OS sends this message:

REQ-TRN:,date,time::::ID=id,RO=ro:QT=01:NUM=num;

C. EXPECTED RESULTS:

SMS/800 responds with this message:

RSP-TRN:,date,time::::DENIED,01::ID=id,RO=ro:QT=01:ROTRN=rotrn,
RONM=ronm,NUM=num:CNT=cnt:ERR=err09,VERR=verr;

D. COMMENTS:

Unsuccessful Trouble Referral Number Query.

Test Case # 330 Test for syntax in the QT tag on REQ-TRN and RSP-TRN**A. PURPOSE:**

Validate the syntax of the new Quantity (QT) tag in both the REQ-TRN and RSP-TRN message. Send a REQ-TRN message to query for 10 specific numbers in the same NPA and the trouble referral numbers exists for the RESP ORG.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-TRN:,date,time::::ID=id,RO=ro:QT=10:NUM=num1,NUM=num2,NUM=num3,  
NUM=num4,NUM=num5,NUM=num6,NUM=num7,NUM=num8,NUM=num9,NUM=num10;
```

C. EXPECTED RESULTS:

SMS/800 responds with this message:

```
RSP-TRN:,date,time:::COMPLD,00::ID=id,RO=ro:QT=10:ROTRN=rotrn,  
RONM=ronm,NUM=num1,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num2,TRN=trn:ROTRN=rotrn,  
RONM=ronm,NUM=num3,  
TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num4,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num5,  
TRN=trn:  
ROTRN=rotrn,RONM=ronm,NUM=num6,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num7,TRN=trn:  
ROTRN=rotrn,RONM=ronm,NUM=num8,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num9,TRN=trn:  
ROTRN=rotrn,RONM=ronm,NUM=num10,TRN=trn;
```

D. COMMENTS:

Verify that the Quantity (QT) tag is in both messages and the syntax is correct and the RSP-TRN message contains dial numbers that were input on REQ-TRN message.

Test Case # 331 Test for TRN to query multiple referral numbers**A. PURPOSE:**

Send a REQ-TRN message to query for multiple trouble referral numbers. Query for 8 specific numbers in the same NPA and the trouble referral number exists for this RESP ORG.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-TRN:,date,time::::ID=id,RO=ro:QT=08:NUM=num1,NUM=num2,NUM=num3,  
NUM=num4,NUM=num5,NUM=num6,NUM=num7,NUM=num8;
```

C. EXPECTED RESULTS:

SMS/800 responds with this message:

```
RSP-TRN:,date,time:::COMPLD,00::ID=id,RO=ro:QT=08:ROTRN=rotrn,  
RONM=ronm,NUM=num1,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num2,TRN=trn:ROTRN=rotrn,  
RONM=ronm,NUM=num3,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num4,TRN=trn:ROTRN=rotrn,  
RONM=ronm,NUM=num5,TRN=trn:  
ROTRN=rotrn,RONM=ronm,NUM=num6,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num7,TRN=trn:  
ROTRN=rotrn,RONM=ronm,NUM=num8,TRN=trn;
```

D. COMMENTS:

Verify that the Quantity (QT) tag is in both messages and the syntax is correct and the RSP-TRN message contains dial numbers that were input on REQ-TRN message.

Test Case # 332 Test for TRN using five specific numbers in the same NPA**A. PURPOSE:**

Request specific 5 dial numbers in the same NPA using a single REQ-TRN message. The trouble referral number exists for the RESP ORG of each record.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-TRN:,date,time::::ID=id,RO=ro:QT=05:NUM=num1,NUM=num2,NUM=num3,  
NUM=num4,NUM=num5;
```

C. EXPECTED RESULTS:

SMS/800 responds with this message:

```
RSP-TRN:,date,time:::COMPLD,00::ID=id,RO=ro:QT=05:ROTRN=rotrn,  
RONM=ronm,NUM=num1,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num2,TRN=trn:ROTRN=rotrn,  
RONM=ronm,NUM=num3,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num4,TRN=trn:ROTRN=rotrn,  
RONM=ronm,NUM=num5,TRN=trn;
```

D. COMMENTS:

Successful Trouble Referral Number Query for each of the numbers.

Test Case # 333 Test TRN that the response completes with COMPLD,11**A. PURPOSE:**

Send REQ-TRN message for 10 specific numbers in the same NPA, except that one of the numbers does not exist and trouble referral numbers exist for the RESP ORG of the 9 records. Also verify the syntax and the data in the partially completed RSP-TRN message.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-TRN:,date,time::::ID=id,RO=ro:QT=10:  
NUM=num1,NUM=num2,NUM=num3,NUM=num4,NUM=num5,  
NUM=num6,NUM=num7,NUM=num8,NUM=num9,NUM=num10;
```

C. EXPECTED RESULTS:

SMS/800 responds with this message:

```
RSP-TRN:,date,time:::COMPLD,11:::ID=id,RO=ro:QT=09:  
ROTRN=rotrn,RONM=ronm,NUM=num1,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num2,TRN=trn:  
ROTRN=rotrn,RONM=ronm,NUM=num3,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num4,TRN=trn:  
ROTRN=rotrn,RONM=ronm,NUM=num6,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num7,TRN=trn:  
ROTRN=rotrn,RONM=ronm,NUM=num8,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num9,TRN=trn:  
ROTRN=rotrn,RONM=ronm,NUM=num10,TRN=trn:CNT=02:ERR=08,VERR=num5,ERR=06;
```

D. COMMENTS:

A partial successful Trouble Referral Number Query.

Test Case # 334 Test for 1 number without TRN and 9 numbers with TRN**A. PURPOSE:**

Send REQ-TRN message for 10 specific numbers in the same NPA, except that the RESP ORG for one of the numbers does not have a trouble referral number. Trouble referral numbers exist for the RESP ORG of the 9 records.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-TRN:,date,time::::ID=id,RO=ro:QT=10:  
NUM=num1,NUM=num2,NUM=num3,NUM=num4,NUM=num5,  
NUM=num6,NUM=num7,NUM=num8,NUM=num9,NUM=num10;
```

C. EXPECTED RESULTS:

SMS/800 responds with this message:

```
RSP-TRN:,date,time:::COMPLD,11::ID=id,RO=ro:QT=10:  
ROTRN=rotrn,RONM=ronm,NUM=num1,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num2,TRN=trn:  
ROTRN=rotrn,RONM=ronm,NUM=num3,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num4,TRN=trn:  
ROTRN=rotrn,RONM=ronm,NUM=num5,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num6,TRN=trn:  
ROTRN=rotrn,RONM=ronm,NUM=num7,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num8:  
ROTRN=rotrn,RONM=ronm,NUM=num9,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num10,TRN=trn  
: CNT=01:ERR=09,VERR=num8;
```

D. COMMENTS:

A partial successful Trouble Referral Number Query.

Test Case # 335 Test TRN for 1 num that does not exist and 1 with no TRN**A. PURPOSE:**

Send REQ-TRN message for 10 specific numbers in the same NPA, within the 10 numbers, one of the numbers does not have a trouble referral number, one of the numbers does not exist and trouble referral numbers exist for 8 records.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-TRN:,date,time::::ID=id,RO=ro:QT=10:  
NUM=num1,NUM=num2,NUM=num3,NUM=num4,NUM=num5,  
NUM=num6,NUM=num7,NUM=num8,NUM=num9,NUM=num10;
```

A partial successful Trouble Referral Number Query.

C. EXPECTED RESULTS:

SMS/800 responds with this message:

```
RSP-TRN:,date,time:::COMPLD,11::ID=id,RO=ro:QT=09:  
ROTRN=rotrn,RONM=ronm,NUM=num1,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num2,TRN=trn:  
ROTRN=rotrn,RONM=ronm,NUM=num3,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num4,TRN=trn:  
ROTRN=rotrn,RONM=ronm,NUM=num5,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num6,TRN=trn:  
ROTRN=rotrn,RONM=ronm,NUM=num7,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num9,TRN=trn:  
ROTRN=rotrn,RONM=ronm,NUM=num10:CNT=03:ERR=09,VERR=num8:ERR=08,VERR=num10,ER  
R=06;
```

D. COMMENTS:

A partial successful Trouble Referral Number Query.

Test Case # 336 Test TRN number that belongs to another RESP ORG

A. PURPOSE:

Attempt to query for a trouble number of another RESP ORG or a invalid RESP ORG with an REQ-TRN message.

B. TEST PROCEDURE:

The OS sends this message:

REQ-TRN:,date,time::::ID=id,RO=ro,ROTRN=rotrn;

Unsuccessful Trouble Referral Number Query.

C. EXPECTED RESULTS:

SMS/800 responds with this message:

RSP-TRN:,date,time::::DENIED,01::ID=id,RO=ro,ROTRN=rotrn: CNT=01:ERR=06,VERR=verr;

D. COMMENTS:

Unsuccessful Trouble Referral Number Query.

Test Case # 337 Query for a TRN for - RESP ORG don't have a trouble num

A. PURPOSE:

Attempt to query for a trouble number of RESP ORG and this RESP ORG does not have a trouble number.

B. TEST PROCEDURE:

The OS sends this message:

REQ-TRN:,date,time::::ID=id,RO=ro,ROTRN=rotrn;

C. EXPECTED RESULTS:

SMS/800 responds with this message:

RSP-TRN:,date,time::::DENIED,01::ID=id,RO=ro,ROTRN=rotrn: CNT=01:ERR=07,VERR=verr;

D. COMMENTS:

Unsuccessful Trouble Referral Number Query because RESP ORG of the message does not have a trouble referral number.

Test Case # 338 Test the ability to query for a TRN in different NPA's**A. PURPOSE:**

Attempt to query for multiple trouble referral numbers in different NPA which will receive a COMPLD response in return. Query for 10 specific numbers not in the same NPA (i.e., 800, 888, 877) with in the 10 numbers and trouble referral numbers exist for the RESP ORG of each record.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-TRN:,date,time::::ID=id,RO=ro:QT=10:  
NUM=num1,NUM=num2,NUM=num3,NUM=num4,NUM=num5,  
NUM=num6,NUM=num7,NUM=num8,NUM=num9,NUM=num10;
```

C. EXPECTED RESULTS:

SMS/800 responds with this message:

```
RSP-TRN:,date,time:::COMPLD,00::ID=id,RO=ro:QT=10:ROTRN=rotrn,  
RONM=ronm,NUM=num1,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num2,TRN=trn:ROTRN=rotrn,  
RONM=ronm,NUM=num3,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num4,TRN=trn:ROTRN=rotrn,  
RONM=ronm,NUM=num5,TRN=trn:  
ROTRN=rotrn,RONM=ronm,NUM=num6,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num7,TRN=trn:  
ROTRN=rotrn,RONM=ronm,NUM=num8,TRN=trn:ROTRN=rotrn,  
RONM=ronm,NUM=num9,TRN=trn:ROTRN=rotrn, RONM=ronm,NUM=num10,TRN=trn;
```

D. COMMENTS:

Successful Trouble Referral Number Query.

Test Case # 339 Query for a total of Eleven trouble referral numbers**A. PURPOSE:**

Attempt to query for multiple trouble referral numbers but only for 1 - 10 numbers. Query for 11 numbers in the same NPA and trouble referral numbers does exist for RESP ORG of these numbers.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-TRN:,date,time::::ID=id,RO=ro:QT=11:  
NUM=num1,NUM=num2,NUM=num3,NUM=num4,NUM=num5,  
NUM=num6,NUM=num7,NUM=num8,NUM=num9,NUM=num10,NUM=num11;
```

C. EXPECTED RESULTS:

SMS/800 responds with this message:

```
RSP-TRN:,date,time::::DENIED,01:::ID=id,RO=ro:QT=11:  
NUM=num1:NUM=num2:NUM=num3:NUM=num4:NUM=num5:  
NUM=num6:NUM=num7:NUM=num8:NUM=num9:NUM=num10:NUM=num11:  
CNT=01,ERR=05,VERR=verr;
```

D. COMMENTS:

Unsuccessful Trouble Referral Number Query, only allowable range in the QT parameter is 01-10.

Test Case # 340 Query using QT tag, NUM tag and ROTRN tags**A. PURPOSE:**

Attempt to query using the QT tag and ROTRN tags in the same message.

B. TEST PROCEDURE:

The OS sends this message:

REQ-TRN message with both tags.

REQ-TRN:,date,time::::ID=id,RO=ro,ROTRN=rotrn:QT=01:NUM=num1;

C. EXPECTED RESULTS:

SMS/800 responds with this message:

RSP-TRN:,date,time:::DENIED,01::ID=id,RO=ro:QT=01:
ROTRN=rotrn,RONM=ronm,NUM=num1:CNT=02,ERR=04,VERR=verr,ERR=04,VERR=verr;

D. COMMENTS:

Unsuccessful Trouble Referral Number Query, ROTRN, NUM and QT cannot be on the same message

Test Case # 341 Test the ability to query for a TRN without the QT tag**A. PURPOSE:**

Attempt to query with the NUM tag present in the REQ-TRN message and the QT tag is not present.

B. TEST PROCEDURE:

The OS sends this message:

REQ-TRN:,date,time::::ID=id,RO=ro,NUM=num1;

C. EXPECTED RESULTS:

SMS/800 responds with this message:

RSP-TRN:,date,time::::DENIED,01::ID=id,RO=ro: NUM=num1:CNT=01:ERR=02,VERR=verr;

D. COMMENTS:

Unsuccessful Trouble Referral Number Query, the QT parameter is missing from the message.

Test Case # 342 Query for a TRN when NUM tags are more in QT tag**A. PURPOSE:**

Attempt to query when the QT tag and NUM are present in the REQ-TRN message and they do not match (number of entries), the message is denied.

B. TEST PROCEDURE:

The OS sends this message:

REQ-TRN:,date,time::::ID=id,RO=ro:QT=02:NUM=num1,NUM=num2,NUM=num3;

C. EXPECTED RESULTS:

SMS/800 responds with this message:

RSP-TRN:,date,time:::DENIED,01::ID=id,RO=ro:QT=02:
NUM=num1:NUM=num2:NUM=num3:CNT=01:ERR=04,VERR=verr;

D. COMMENTS:

Unsuccessful Trouble Referral Number Query, a syntax error QT tag and NUM tag must match.

Test Case # 343 Query for a TRN using both NUM and ROTRN**A. PURPOSE:**

Attempt to query when the ROTRN tag and NUM tag are present in the REQ-TRN message.

B. TEST PROCEDURE:

Send REQ-TRN message with both ROTRN and NUM tags

The OS sends this message:

REQ-TRN:,date,time::::ID=id,RO=ro,ROTRN=rotrn: NUM=num1,NUM=num2,NUM=num3;

C. EXPECTED RESULTS:

RSP-TRN:,date,time::::DENIED,01::ID=id,RO=ro:
ROTRN=rotrn,RONM=ronm,NUM=num1:NUM=num2:NUM=num3:CNT=01:ERR=04,VERR=verr;

D. COMMENTS:

Unsuccessful Trouble Referral Number Query, a ROTRN tag and NUM tag must not be on the same message.

Test Case # 344 Query for a TRN without the NUM tag**A. PURPOSE:**

Attempt to query when the QT tag is present in the REQ-TRN message and the NUM tag is not present.

B. TEST PROCEDURE:

The OS sends this message:

REQ-TRN:,date,time::::ID=id,RO=ro,QT=01;

C. EXPECTED RESULTS:

SMS/800 responds with this message:

RSP-TRN:,date,time::::DENIED,01::ID=id,RO=ro:QT=01: ROTRN=rotrn:CNT=01:ERR=02,VERR=verr;

D. COMMENTS:

Unsuccessful Trouble Referral Number Query, a syntax error QT tag must be present when NUM tag is used.

Test Case # 345 Query for a TRN with an invalid QT tag**A. PURPOSE:**

Attempt to query for 10 numbers in the same NPA with a invalid QT parameter and trouble referral numbers exist for RESP ORG of each record.

B. TEST PROCEDURE:

The OS sends this message:

```
REQ-TRN:,date,time::::ID=id,RO=ro:QT=11:  
NUM=num1,NUM=num2,NUM=num3,NUM=num4,NUM=num5,  
NUM=num6,NUM=num7,NUM=num8,NUM=num9,NUM=num10;
```

C. EXPECTED RESULTS:

Multiple trouble referral numbers with a valid QT field allow 01 - 10 values only

SMS/800 responds with this message:

```
RSP-TRN:,date,time::::DENIED,01::ID=id,RO=ro:QT=11:  
NUM=num1:NUM=num2:NUM=num3:NUM=num4:NUM=num5:  
NUM=num6:NUM=num7:NUM=num8:NUM=num9:NUM=num10:CNT=01:ERR=05,VERR=verr;
```

D. COMMENTS:

Unsuccessful Trouble Referral Number Query, only allowable range in the QT parameter is 01-10.

Test Case # 346 Test the ability to query for a TRN with QT=00**A. PURPOSE:**

Attempt to query for 10 numbers in the same NPA with a invalid QT parameter and trouble referral numbers exist for RESP ORG of each record.

B. TEST PROCEDURE:

Send an REQ-TRN message with QT tag value = 00:

```
REQ-TRN:,date,time::::ID=id,RO=ro:QT=00:  
NUM=num1,NUM=num2,NUM=num3,NUM=num4,NUM=num5,  
NUM=num6,NUM=num7,NUM=num8,NUM=num9,NUM=num10;
```

C. EXPECTED RESULTS:

SMS/800 responds with this message:

```
RSP-TRN:,date,time:::DENIED,01::ID=id,RO=ro:QT=00:  
NUM=num1:NUM=num2:NUM=num3:NUM=num4:NUM=num5:  
NUM=num6:NUM=num7:NUM=num8:NUM=num9:NUM=num10:CNT=01:ERR=05,VERR=verr;
```

D. COMMENTS:

Unsuccessful Trouble Referral Number Query, only allowable range in the QT parameter is 01-10.

Test Case # 347 Test the TRN is not issue sensitive**A. PURPOSE:**

Query for multiple trouble referral numbers which must not be interface specification issue - sensitive.
A trouble referral number exists for RESP ORG of each record.

B. TEST PROCEDURE:

TRN is not issue sensitive - using GR-1247-CORE-0300 or GR-1247-CORE-0400.

The OS sends this message:

```
REQ-TRN:,date,time::::ID=id,RO=ro:QT=10:  
NUM=num1,NUM=num2,NUM=num3,NUM=num4,NUM=num5,  
NUM=num6,NUM=num7,NUM=num8,NUM=num9,NUM=num10;
```

C. EXPECTED RESULTS:

SMS/800 responds with this message:

```
RSP-TRN:,date,time:::COMPLD,00::ID=id,RO=ro:QT=10:  
ROTRN=rotrn,RONM=ronm,NUM=num1,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num2,TRN=trn:  
ROTRN=rotrn,RONM=ronm,NUM=num3,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num4,TRN=trn:  
ROTRN=rotrn,RONM=ronm,NUM=num5,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num6,TRN=trn:  
ROTRN=rotrn,RONM=ronm,NUM=num7,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num8,TRN=trn:  
ROTRN=rotrn,RONM=ronm,NUM=num9,TRN=trn:ROTRN=rotrn,RONM=ronm,NUM=num10,TRN=trn  
;
```

D. COMMENTS:

Successful Trouble Referral Number Query for each of the numbers.

11. CUSTOMER RECORD ACTIVATION NOTIFICATION (UNS-CRA)

This section applies to regular CRs and templates.

Test Case # 348 CR Activation Notification - Active or Disconnect

A. PURPOSE:

When a customer record reaches its download time, an UNS-CRA message is sent to the OS indicating that the CR is downloaded in all SCPs.

B. TEST PROCEDURE:

Setup the GAN screen and enable this message.

Create 2 DIAL#s, one that should go active, one that should go disconnect in the next 15 minute interval

Enable all SCPs in the DIAL#s AOS so that the CR will go active.

C. EXPECTED RESULTS:

The OS receives the following Customer Record Activation Notification UNS-CRA.

Status Active or Disconnect - Accepted: Record is loaded in the SCP

UNS-CRA:,date,time:::::RO=ro,ORIGRO=origro,MID=mid,NUM=num,ED=ed,ET=et,STAT=2 or
3,APP=app: CNT=cnt:SCP=scp,RES=01,DT=dt;

For OS version GR-1247-CORE-1500 or higher, CRMGSIZE tag will return:

UNS-CRA:,date,time:::::RO=ro,ORIGRO=origro,MID=mid,NUM=num,ED=ed,ET=et,STAT=2 or
3,APP=app,CRMGSIZE=crmsgsize:CNT=cnt:SCP=scp,RES=01,DT=dt;

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Test Case # 349 CR Activation Notification - Sending

A. PURPOSE:

When a customer record reaches its download time an UNS-CRA message is sent to the OS indicating that an SCP is queued.

B. TEST PROCEDURE:

Setup the GAN screen and enable this message.

Create 2 DIAL#s, one that should go active, one that should go disconnect in the next 15 minute interval

Disable one SCPs in the DIAL#s AOS so that the CR will go sending.

C. EXPECTED RESULTS:

The OS receives the following Customer Record Activation Notification UNS-CRA.

Status Sending - Partial SCP rejection

UNS-CRA:,date,time:::RO=ro,ORIGRO=origro,MID=mid,NUM=num,ED=ed,ET=et,STAT=2 or 3,APP=app:APP=CNT=cnt:SCP=scp,RES=res,DT=dt:SCP=scp,RES=08, 09 or 10,DT="";

For OS version GR-1247-CORE-1500 or higher, CRMSGSIZE tag will return:

UNS-CRA:,date,time:::RO=ro,ORIGRO=origro,MID=mid,NUM=num,ED=ed,ET=et,STAT=2 or
3,APP=app,CRMSGSIZE=crmsgsize:CNT=cnt:SCP=scp,RES=res,DT=dt;

Test Case # 350 CR Activation Notification - SMS Reject**A. PURPOSE:**

When a customer record reaches its download time an UNS-CRA message is sent to the OS indicating that SMS rejected the update.

B. TEST PROCEDURE:

Setup the GAN screen and enable this message.

Create 2 DIAL#s, one NOW CR that needs approval, one NOW CR with validation errors.

C. EXPECTED RESULTS:

The OS receives the following Customer Record Activation Notification UNS-CRA's.

Status Failed - NOW reject since approval required.

UNS-CRA:,date,time:::::RO=ro,ORIGRO=origro,MID=mid,NUM=num,ED=ed,ET=et,STAT=7,APP=app;

Status Failed - SMS Revalidation or Incorrect SMS Status

UNS-CRA:,date,time:::::RO=ro,ORIGRO=origro,MID=mid,NUM=num,ED=ed,ET=et,STAT=5 or
6,APP=app;

12. APPLICATION STATUS MESSAGES (RTRV-ASI REPT-ASI)

Test Case # 351 Retrieve Application Status Information

A. PURPOSE:

Retrieve the version number of the interface specification that the OS is currently supporting.

B. TEST PROCEDURE:

The SMS/800 sends this message:

RTRV-ASI:::::;

C. EXPECTED RESULTS:

Successful Retrieval from the OS.

The OS responds with this message:

RSP-ASI:,date,time:::COMPLD,00::VERS="GR-1247-CORE-0300";

or

RSP-ASI:,date,time:::COMPLD,00::VERS="GR-1247-CORE-0400";

or

RSP-ASI:,date,time:::COMPLD,00::VERS="GR-1247-CORE-1500";

D. COMMENTS:

This interaction is one where SMS/800 is the requester of information.

Test Case # 352 Report Application Status Information

A. PURPOSE:

Send the version number of the interface specification that the OS is currently supporting.

B. TEST PROCEDURE:

The OS sends this message:

REPT-ASI:,date,time:::::VERS="TA-NWT-001247-090";

or

REPT-ASI:,date,time:::::VERS="GR-1247-CORE-0400";

or

REPT-ASI:,date,time:::::VERS="GR-1247-CORE-1500";

C. EXPECTED RESULTS:

SMS receives the REPT-ASI message from the OS.

13. CARRIER NOTIFICATION AND APPROVAL (UNS-SNA UNS-APP REPT-APR)

The tests in this section are dedicated on how the MG1 subsystem implements Carrier Notification and Approval (CNA). This section applies to regular CRs and templates.

REQ-CRQ will be used by the OS in order to query for the status of the customer record and template.

All the CNA MG1 test cases in this document are designed to utilize the model messages for REQ-CRA, REQ-CRC, REQ-CRQ, UNS-CRA, UNS-SNA, UNS-APP, REPT-APR and RSP-APR. The OS always sends the REQ-CRA, REQ-CRC, REQ-CRQ and REPT-APR, whereas the SMS/800 responds with the unsolicited messages UNS-CRA, UNS-SNA and UNS-APP.

Figure 13-1. Model REQ-CRA Message to Create Simple Customer Record

```
REQ-CRA:date,time::::ID=MGIXXX01,RO=MGI01,AC=N,NUM="DIAL#",
ED=ed,ET=et,SO=N2323441,NOTE="CRA BASIC RECORD",
INTERC="0222",INTRAC="OTC":CNT4=02:AAC=315:AAC=716:
CNT5=02:ALAT=134:ALAT=136:CNT6=01:ANET=CN:CNT7=02:ASTA=NJ:ASTA=PA:
CNT8=01:LN="TELCORDIA":CNT9=002:TEL="DIAL#",LNS=800:           TEL="POTS
number",LNS=800,LSO=NPANXX;
```

Figure 13-2. Model REQ-CRC Message to Create Simple Customer Record

```
REQ-CRC:date,time::::ID=MGIXXX01,RO=MGI01,AC=N,NUM="DIAL#",
ED=ed,ET=et,SO=N2323441,NOTE="CRC BASIC RECORD":
IEC="CNT1=01,0222":IAC="CNT2=01,OTC":AAC="CNT4=02,315,716":
ALAT="CNT5=02,134,136":ANET="CNT6=01,CN":ASTA="CNT7=02,NJ,PA":
CNT8=01:LN="TELCORDIA":CNT9=002:TEL="DIAL#",LNS=800:           TEL="POTS
number",LNS=800,LSO=NPANXX;
```

Figure 13-3. Model REQ-CRC Message to Create Complex Customer Record

```
REQ-CRC:date,time::::ID=MGIXXX01,RO=MGI01,AC=N,NUM="DIAL#",
ED="NOW",SO=N2323441,NOTE="COMPLEX RECORD":
IEC="CNT1=09,0288,0222,0333,0866,0411,0900,0021,0789,0001":
IAC="CNT2=09,0288,0222,0333,0866,0411,0900,0021,0789,0001":
ASTA="CNT7=05,NJ,PA,NY,NH,VT":CNT8=01:LN="TELCORDIA":CNT9=009:
TEL="DIAL#",LNS=800,CITY="city:
TEL="POTS number 1",LNS=800,CITY="city",LSO=NPANXX:
TEL="POTS number 2",LNS=800,CITY="city",LSO=NPANXX:
TEL="POTS number 3",LNS=800,CITY="city",LSO=NPANXX:
TEL="POTS number 4",LNS=800,CITY="city",LSO=NPANXX:
TEL="POTS number 5",LNS=800,CITY="city",LSO=NPANXX:
TEL="POTS number 6",LNS=800,CITY="city",LSO=NPANXX:
TEL="POTS number 7",LNS=800,CITY="city",LSO=NPANXX:
TEL="POTS number 8",LNS=800,CITY="city",LSO=NPANXX:
NODE="CNT10=12,ST,SW,LT,AC,SD,TD,DT,DA,TI,PC,CA,TE":
CNT11=012: V="NY+NJ,ON1,224,201,201555,2015551212,01/01-03/01,M-TH,09:00A-
05:00P,25,0288,POTS number 1:
V="NY+NJ,ON1,224,201,201555,2015551212,01/01-03/01,M-TH,
09:00A-05:00P,75,0222,POTS number 2:
V="NY+NJ,ON1,224,201,201555,2015551212,01/01-03/01,M- TH,OTHER,,0333,
```

POTSNnumber 3:V="NY+NJ,ON1,224,201,201555,2015551212,01/01-03/01,
 OTHER,,0866,POTS number 4:
 V="NY+NJ,ON1,224,201,201555,2015551212,OTHER,,,0288,POTS number 5:
 V="NY+NJ,ON1,224,201,201555,OTHER,,,0900,POTS number 6:
 V="NY+NJ,ON1,224,201,*OTH201,,,,,0021,POTS number 7:
 V="NY+NJ,ON1,224,201,OTHER,,,,,0789,POTS number 8:
 V="NY+NJ,ON1,224,OTHER,,,,,,0001,DIAL#: V="NY+NJ,ON1,OTHER,,,,,,0288,POTS number 1:
 V="OTHER,,,,,,0222,POTS number 2:PEC="0288",PAC="0222":
 CNT12=01:TYPE=SD,LBL="*OTH201",DEF="CNT13=003,201,333,334,335";

Figure 13-4. Model REQ-CRQ Message to Query Customer Record

REQ-CRQ:,date,time:::ID=MGIXXX01,RO=MGI01,NUM="DIAL#", ED="effective date",ET="effective time";

Figure 13-5. Expected RSP-CRQ Response to Customer Record Status Query

RSP-CRA:,date,time:::COMPLD,11::ID=MGIXXX01,RO=MGI01, NUM="DIAL#",ED="effective date",ET="effective time":ERR1=82;

Figure 13-6. Expected RSP-CRC Message to Indicate Successful Update

RSP-CRC:,date,time:::COMPLD,11::ID=MGIXXX01,RO=MGI01,NUM="DIAL#", ED="effective date",ET="effective time";ERR1=9008;

Figure 13-7. Expected RSP-CRA Message to Indicate Failed Update(Record Stored)

RSP-CRA:,date,time:::DENIED,01::ID=MGIXXX01,RO=MGI01, NUM="DIAL#",ED="effective date",ET="effective time": CNT=1:ERR=84,VERR="NEEDS APPROVAL";

Figure 13-8. Expected RSP-CRC Message to Indicate Failed Update (Record Stored)

RSP-CRC:,date,time:::DENIED,01::ID=MGIXXX01,RO=MGI01, NUM="DIAL#",ED="effective date",ET="effective time": CNT=1:ERR=5632,VERR="NEEDS APPROVAL";

Figure 13-9. Expected RSP-CRC Message to Indicate Failed Update (Record Not Stored)

RSP-CRC:,date,time:::DENIED,01::ID=MGIXXX01,RO=MGI01, NUM="DIAL#",ED="effective date",ET="effective time": CNT=1:ERR=5633,VERR="NO RESPORG to CIC";

Figure 13-10. Expected RSP-CRA Message to Indicate Failed Update (Record Not Stored)

RSP-CRA:,date,time:::DENIED,01::ID=MGIXXX01,RO=MGI01, NUM="DIAL#",ED="effective date",ET="effective time": CNT=1:ERR=85,VERR="NO RESPORG to CIC";

Figure 13-11. Expected RSP-CRQ Response to Customer REcord Status Query (Successful)

RSR-CRQ:,date,time:::COMPLD,00::ID=MGIXXX01,RO=MGI01,NUM="DIAL#", RED="requested effective date",ET="requested effective time":
 RONUM=ronum,MORE=more:CNT=cnt:ED=ed,ET=et,STAT=stat,APP=app;

Figure 13-12. Expected RSP-CRQ Response to Customer REcord Status Query (Failed)

```
RSP-CRQ:,date,time:::DENIED,01::ID=MGIXXX01,RO=MG101,NUM="DIAL#", RED="requested effective date",RET="requested effective time": CNT=cnt:ERR=err,VERR=verr;
```

Figure 13-13. Expected UNS-CRA Unsolicited Customer Record Notification for CNA

```
UNS-CRA:,date,time::::RO=MG101,ORIGRO=origro,MID=mid,NUM="DIAL#",ED="effective date", ET="effective time",STAT=stat,APP=app:_CNT=cnt: SCP=scp,RES=res,DT=dt;
```

Figure 13-14. Expected UNS-SNA Unsolicited Carrier Notification and Approval Message

```
UNS-SNA:,date,time:::::RO=MG101,NUM="DIAL#",ED="effective date", ET="effective time",CIC=cic,STAT=stat,APP=app,LUED="effective date", LUET="effective time",CHG=chg,DD=dd,REFER=refer,EINT=eint: IEC=iec:IAC=iac:CNT3=cnt3:ATYPE=atype,ALBL=albl,ADEF=adef:AAC=aac: ANET=anrt:ASTA=asta:CNT9=cnt9:TEL=tel,LNS=lns,CITY=city,FSO=fso=HML=hml,LSIS=lsis,LSO=so,SFG=sfg,STN=stn,UTS=uts:NODE=node:CNT11=cnt11:V=v1.2: V=v2.c: - - - - - V=vr.c:PEC=pec,PAC=pac,Z=z,DS=ds:_CNT12=cnt12:TYPE=type,LBL=lbl,DEF=def: AP=ap;
```

Figure 13-15. Expected UNS-APP Unsolicited Approval Status Message

```
UNS-APP:,date,time:::::RO=MG101,NUM="DIAL#",ED="effective date", ET="effective time",CIC=cic,WHY=why;
```

Figure 13-16. Expected REPT-APR Message to Grant or Deny Approval

```
REPT-APR:,date,time:::::ID=MGIXXX01,RO=MG101,NUM="DIAL#", ED="effective date",ET="effective time",LUED="effective date",LUET="effective time",CIC=cic,OK=ok,WHY=why;
```

Figure 13-17. Expected RSP-APR Message to REPT-APR

```
RSP-APR:,date,time,:::COMPLD,00::ID=id,RO=ro,NUM="dial number", ED="effective date",ET="effective time",CIC=cic,OK=ok,WHY=why;
```

The TEST PROCEDURE each test case indicates the changes that are made to each message to accomplish the required test result. The verify paragraph in COMMENTS section of some of the test cases will indicate the anticipated value for the ERR field of the expected response message.

13.1 Online Screen Definitions Used during Test Setup

The Online Screen Definitions for the Carrier Notification and Approval Feature are documented in Users's Guide - 800 Service Management Sections 5. Below you will find a definition of each of the screens that are used in the MGI CNA test cases.

- CSE (Carrier Security): The purpose of the CSE screen is for assigning authorized RESP ORGs. The CSE information is used by the SMS/800 system to perform security checking of the following tables maintained by the carriers: CAG, GNA, ENO and EAP. Also, the CSE setup is used to determine which CIC's listed on CAD/ CPR are equivalent to the control RESP ORG entity, and therefore will not get notification and approval.
- CAG (Carrier Agreements with Entities): The CAG information defines which Resp Orgs have pre-arranged agreements with the currently displayed carrier(CIC) so that the Resp Orgs can enter the carrier in the customer records they control.
- EAG (Entity Agreements with Carriers): The purpose of the EAG screen is to allow Resp Orgs to view the list of carriers that can be used in the customer record they control.
- GNA (General Notification & Approval Setup) contains the Carrier Global screens. GNA screen is modified to allow the user to enter up to four MGI CLLI codes for carrier notification and carrier approval messages. The "DELIVERY METHOD" section on the GNA screen is expanded to accommodate the new fields. When an SMS Carrier Notification/ Approval (UNS-SNA) or an Unsolicited Approval Status (UNS-APP) message is generated for a CIC, the system will send the same UNS-SNA/UNS-APP message to every CLLI code entered in the NOTIFY/APPROVAL section on the GNA screen.
 - The GNA Global Screen allows the carriers to specify general default settings for notifications and approvals, including delivery methods.
- ENA (Entity Notification & Approval Setup) contains the Carrier CR Entity-specific screens. It allows the carriers to specify whether they want to be notified or asked for approvals when customer records are controlled by a specific service provider entity. ENA is similar to GNA except it contains the CR Resp Org IDs that CIC selects to be notified when CIC is deleted from routing and when CR is Resp Org Changed.
- ENO (Exception Notification Setup by DIAL#): The ENO screen allows users to define notification conditions based on a DIAL#. For each DIAL# listed on the ENO screen, the carriers must indicate whether they would like to be notified or not in the following situations:
 - Added to the routing
 - Deleted from the routing
 - Possible Changes in Routing
- EAP (Exception Approval Setup by DIAL#): This EAP screen allows users to define approval conditions based on a DIAL#. For each DIAL# listed on the EAP screen, the carriers must indicate whether they would like SMS/ 800 to ask them for approval in the following situations:
 - Added to the Routing
 - Possible Changes in Routing

Test Case # 353 UNS-CRA and APP Tag

A. PURPOSE:

Verify that an UNS-CRA message is sent by SMS/800 to an OS includes the APP tag.

B. TEST PROCEDURE:

Online GNA screen setup is not required.

From the OS, send both model simple records without changes.

C. EXPECTED RESULTS:

Successful update response is received for the REQ-CRA message.

Successful update response is received for the REQ-CRC message.

Successful UNS-CRA message that includes the APP tag is sent to the OS.

D. COMMENTS:

The OS will verify the format of UNS-CRA.

Test Case # 354 MGI Message Failure When No CAG Entry Exists**A. PURPOSE:**

Verify that the Dial number will NOT pass validation if the control Resp Org used any carriers that did not give the control Resp Org's Entity authority to use these carriers. This test case must be repeated using all possible CR update types that the OS sends.

B. TEST PROCEDURE:

Using screen CAG, remove the table entry for the Control Resp Org's Entity under test.

From the OS send both model simple records without changes.

C. EXPECTED RESULTS:

Unsuccessful response is received for the REQ-CRA model message with the error:

CNT=1:ERR=85,VERR="NO RESPORG to CIC";

Unsuccessful response is received for the REQ-CRC model message with the error:

CNT=1:ERR=5633,VERR="NO RESPORG to CIC";

D. COMMENTS:

Both updates are denied for the Control Resp Org under test.

Test Case # 355 MGI Message successful When No GNA Global Entry Exists**A. PURPOSE:**

Verify that Carrier Notification is not invoked when a CIC is added to a dial number, and GNA entity/global parameters are set to "N". This test case must be repeated using all possible CR update types that the OS sends.

B. TEST PROCEDURE:

Using screen CAG, update the entry for the Carrier under test to include a business relationship with the Entity under

Using screen GNA entity/global, verify that desired action is "NONE" for the carrier under test.

From the OS send both model simple records without changes.

C. EXPECTED RESULTS:

Successful update response is received for the REQ-CRA message.

Successful update response is received for the REQ-CRC message.

D. COMMENTS:

UNS-SNA message will not be generated by SMS/800.

UNS-CRA message will be generated by SMS/800.

The OS will verify the format of UNS-CRA.

Test Case # 356 No CN for CIC ADD When no GNA Global Entry**A. PURPOSE:**

Verify that Carrier Notification is not invoked when a CIC is added to a dial number, when no ENO entry exists for the dial number, and GNA Global. This test case must be repeated using all possible CR update types that the OS sends. This test case must be repeated using all possible CR update types that the OS sends.

B. TEST PROCEDURE:

Using screen CAG, update the entry for the Carrier under test to include a business relationship with the Entity under test.

Using screen GNA Entity & Global, verify that all fields are set to "N" for the carrier under test.

From the OS send both model simple records without changes.

C. EXPECTED RESULTS:

Successful update response is received for the REQ-CRA message.

Successful update response is received for the REQ-CRC message.

D. COMMENTS:

Verify using REQ-CRQ model message that the two records are ACTIVE.

UNS-SNA message will not be generated by SMS/800.

UNS-CRA message will be generated by SMS/800.

The OS will verify the format of UNS-CRA.

Test Case # 357 No CN for CIC Routing Change When no GNA Global Entry**A. PURPOSE:**

Verify that no CNA occurs when a Routing change is made to a dial number, and GNA Global is set to "N" for the Carrier. This test case must be repeated using all possible CR update types that the OS sends.

B. TEST PROCEDURE:

Using screen GNA Global & ENA, verify that an entry does exist for the carrier under test and all fields are set to "NONE"

From the OS send CRA model record without changes.

From the OS send CRC model simple record with the following changes.

For REQ-CRC Complex Record:

AC=C, ED="date + 1",
ASTA="CNT7=03,UT,NM,TX":

C. EXPECTED RESULTS:

Successful update response is received for the REQ-CRA message.

Successful update response is received for the REQ-CRC message.

D. COMMENTS:

Verify using REQ-CRQ model the status of both records under test.

UNS-SNA message will not be generated by SMS/800

UNS-CRA message will be generated by SMS/800

The OS will verify the format of UNS-CRA.

Test Case # 358 No CN for CIC DEL When no GNA Global Entry**A. PURPOSE:**

Verify that Carrier Notification is not invoked when a Routing deletion is made to a dial number, and no GNA Global record exists for the Carrier. This test case must be repeated using all possible CR update types that the OS sends.

B. TEST PROCEDURE:

Using screen ENO, verify that a dial # does not exist for the dial # under test.

Using screen GNA Global, verify that an entry does not exist for the carrier under test.

From the OS send both model simple records with the following changes.

For REQ-CRA:

```
ED="date+1", INTERC="288",
CNT7=03:ASTA="UT":ASTA="NM":ASTA="TX":
```

For REQ-CRC Basic Record:

```
AC=C, ED="date + 1",
ASTA="CNT7=01,TX":
```

C. EXPECTED RESULTS:

Successful update response is received for the REQ-CRA message.

Successful update response is received for the REQ-CRC message.

D. COMMENTS:

Verify using REQ-CRQ model the status of both records under test.

UNS-SNA message will not be generated by SMS/800.

UNS-CRA message will be generated by SMS/800.

The OS will verify the format of UNS-CRA.

Test Case # 359 No CN CIC DEL - the CIC is Not Used in Routing**A. PURPOSE:**

Verify that if a CIC is deleted from the record and the CIC is not used in routing, this should not trigger notification. This test case must be repeated using all possible CR update types that the OS sends.

B. TEST PROCEDURE:

Using screen GNA Global, verify that an entry does exist for the carrier under test.

From the OS send model complex record without changes.

From the OS send model complex record with the following changes.

For REQ-CRC Complex Record

```
AC=C,  
ED="Pending Date",  
IEC="CNT1=08,0288,0222,0333,0866,0900,0021,0789,0001":  
IAC="CNT2=08,0288,0222,0333,0866,0900,0021,0789,0001";
```

C. EXPECTED RESULTS:

Successful update response is received for the first REQ-CRC message.

Successful update response is received for the second REQ-CRC message.

D. COMMENTS:

Verify using REQ-CRQ model the status of both records under test.

UNS-SNA message will not be generated by SMS/800.

The OS will verify the format of UNS-CRA.

Test Case # 360 No CN CIC ADD when GNA Global has X in none Field**A. PURPOSE:**

Verify that Carrier Notification is not invoked when a CIC is added to a DIAL#, when the Carrier's GNA Global record shows an "X" next to the "NONE". This test case must be repeated using all possible CR update types that the OS sends.

B. TEST PROCEDURE:

Using screen GNA Global, add a CNA default record for the carrier under test by entering an "X" next to the corresponding "NONE" field for CIC added to routing.

From the OS send both model simple records without changes.

C. EXPECTED RESULTS:

Successful update response is received for the REQ-CRA message.

Successful update response is received for the REQ-CRC message.

D. COMMENTS:

Verify using REQ-CRQ model the status of both records under test.

UNS-CRA message will be generated by SMS/800.

The OS will verify the format of UNS-CRA.

Test Case # 361 No CN for CIC ADD when ENO add set to N**A. PURPOSE:**

Verify that Carrier Notification is not invoked when a CIC is added to a DIAL#, when the ENO record has the add column set to "N", there is no ENA record, and the Carrier's GNA Global record shows an "X" next to the "NOTIFY" field. This test case must be repeated using all possible CR update types that the OS sends.

B. TEST PROCEDURE:

Using screen GNA Global, add a CNA default record for the carrier under test by indicating an "X" next to the corresponding "notify" field for carrier added to routing.

Using screen ENO, add in a Dial# that is under test and indicate a "N" for the "ADD" column.

From the OS send both simple records without changes.

C. EXPECTED RESULTS:

Successful update response is received for the REQ-CRA message.

Successful update response is received for the REQ-CRC message.

D. COMMENTS:

Verify using REQ-CRQ model the status of both records under test.

UNS-CRA message will be generated by SMS/800.

The OS will verify the format of UNS-CRA.

Test Case # 362 CN Routing change when ENO CHG set to Y**A. PURPOSE:**

Verify that Carrier Notification is invoked when a Routing change is made to a DIAL#, when the ENO record has the CHG column set to "Y", the Carrier's ENA record shows an "X" next to the "NOTIFY". This test case must be repeated using all possible CR update types that the OS sends.

B. TEST PROCEDURE:

Using screen GNA Global, add a CNA default record for the carrier under test by indicating an "X" next to the "notify" field for Possible Routing Change and specify from one to four MGI-CLLIs for notification with the delivery method as MGI.

Using screen ENO, add in a Dial# that is under test and indicate a "Y" for the "CHG" column.

From the OS send model complex record without changes.

From the OS send model complex record with the following changes.

For REQ-CRC Complex Record:

AC=C,
ED="Pending Date":
V="NY+NJ,ON1,224,201,201555,2015551212,01/01-03/01,OTHER,,,0866,
POTS number 7:

C. EXPECTED RESULTS:

Successful update response is received for first REQ-CRC message.

Successful update response is received for second REQ-CRC message.

D. COMMENTS:

Verify using REQ-CRQ model the status of both records under test.

UNS-SNA message will be generated by SMS/800 for each of the MGI-CLLIs specified on the GNA screen of the carrier under test.

The OS will verify the format of UNS-SNA.

UNS-CRA message will be generated by SMS/800.

The OS will verify the format of UNS-CRA.

Test Case # 363 CN CIC ADD when GNA Global Notification field=X**A. PURPOSE:**

Verify that Carrier Notification is invoked when a CIC addition is made to a customer record, when GNA global records exist for some of the Carriers, and notification is indicated in some records for CIC additions. This test case must be repeated using all possible CR update types that the OS sends.

B. TEST PROCEDURE:

Using screen GNA global, add CNA default records for some of the carriers under test by indicating an "X" next to the "notify" field for CIC added to routing and specify one to four MGI-CLLIs for notification with the delivery method as MGI.

From the OS send both simple records without changes.

C. EXPECTED RESULTS:

Successful update response is received for the REQ-CRA message.

Successful update response is received for the REQ-CRC message.

D. COMMENTS:

Verify using REQ-CRQ model the status of both records under test.

UNS-SNA message is sent to each of the MGI-CLLIs specified on the GNA screen by the SMS/800. The OS will verify the format of UNS-SNA.

UNS-CRA message will be generated by SMS/800.

The OS will verify the format of UNS-CRA.

Test Case # 364 DEL when GNA Global notify field = X**A. PURPOSE:**

Verify that Carrier Notification is invoked when CIC deletion is made to customer record, when a GNA Global exists for ALL of the Carriers, and notification is indicated in some records for CIC deletion. This test case must be repeated using all possible CR update types that the OS sends.

B. TEST PROCEDURE:

From the OS send model complex record without changes.

Using screen GNA Global, add CNA default records for all the carriers under test by indicating an "X" next to the "notify" field and specify one to four MGI-CLLIs for notification with the delivery method as MGI for a CIC that is deleted from routing in some of these records.

From the OS send model complex record with the following changes.

For REQ-CRC Complex Record:

```
AC=C,  
ED="Pending Date",  
IEC="CNT1=08,0288,0222,0333,0866,0900,0021,0789,0001":  
IAC="CNT2=08,0288,0222,0333,0866,0900,0021,0789,0001";
```

C. EXPECTED RESULTS:

Successful update response is received for the first REQ-CRC message.

Successful update response is received for the second REQ-CRC message.

D. COMMENTS:

Verify using REQ-CRQ model the status of both records under test.

UNS-SNA message is sent by SMS/800 to each of the MGI-CLLIs specified on the GNA screen of the Carrier under test by the SMS/800.

The OS will verify the format of UNS-SNA.

UNS-CRA message will be generated by SMS/800.

The OS will verify the format of UNS-CRA.

Test Case # 365 CA All Approvals Received = Successful Download**A. PURPOSE:**

Verify that a customer record that required approvals, receives all the required approvals, and successfully downloads. This test case must be repeated using all possible CR update types that the OS sends.

B. TEST PROCEDURE:

Using the GNA Global set the carriers to Request Approval for ADDED TO ROUTING. Specify one to four MGI-CLLIs for each carrier that requires to send approvals with delivery method as MGI.

From the OS send model complex record without changes.

From the OS send model complex record with the following changes.

For REQ-CRC Complex Record

AC=C,
ED="Pending Date":
V="NY+NJ,ON1,224,201,201555,2015551212,01/01-03/01,OTHER,,,0866,
POTS number 7":

All the MGI-CLLIs specified on the GNA screen of the involved carriers receive the UNS-SNA message. From the OS send model REPT-APR message with OK=Y from each involved carrier that receives the UNS-SNA message.

C. EXPECTED RESULTS:

The RSP-APR message is sent to the OS with COMPLD,00.

The RSP-CRC message completes with COMPLD,11 and ERR = 9008.

Record should download at effective date/time.

D. COMMENTS:

Verify using REQ-CRQ model the status at each stage of the test procedure. The OS will verify the format of UNS-SNA and UNS-CRA message.

The SMS/800 will verify the format of REPT-APR message.

The OS will verify the format of the RSP-APR message.

Test Case # 366 CA NO approvals received=unsuccessful download**A. PURPOSE:**

Verify that a customer record that requires approval, and does not receive any of the approvals, fails the download. This test case must be repeated using all possible CR update types that the OS sends.

B. TEST PROCEDURE:

Using the GNA Global set a carrier to Request Approval for POSSIBLE ROUTING CHANGE. Specify one to four MGI-CLLIs for the carrier that requires to send approvals with delivery method as MGI.

From the OS send model complex record without changes.

From the OS send model complex record with the following changes.

For REQ-CRC for Complex Record:

AC=C,
ED="Pending Date":
V="NY+NJ,ON1,224,201,201555,2015551212,01/01-03/01,OTHER,,,0866,
POTS number 7":

C. EXPECTED RESULTS:

Verify RSP-CRC message completes with COMPLD,11 and ERR = 9008.

Record should not download at effective date/time.

D. COMMENTS:

REPT-APR was not sent by carrier that required to approve

Verify using REQ-CRQ model the status at each stage of the test procedure.

The UNS-SNA message is sent by SMS/800 to all the MGI-CLLIs specified on the GNA screen of the carrier under test. The OS will verify the format of UNS-SNA, UNS-CRA, and UNS-APP. The UNS-APP message is sent by SMS/800 to all the MGI-CLLIs specified on the GNA screen of the carrier under test. The UNS-APP and UNS-CRA will be sent by SMS/800 at download time.

Test Case # 367 CA some approvals received=unsuccessful download**A. PURPOSE:**

Verify that a customer record that requires approval, does not receive all the approvals, fails the download. This test case must be repeated using all possible CR update types that the OS sends.

B. TEST PROCEDURE:

From the OS send model complex record without changes.

Using the GNA Global set the carriers to Request Approval for ADDED TO ROUTING. Specify one to four MGI-CLLIs for each carrier that requires to send approvals with delivery method as MGI.

From the OS send model complex record with the following changes.

For REQ-CRC Complex Record:

AC=C,
ED="Pending Date":
V="NY+NJ,ON1,224,201,201555,2015551212,01/01-03/01,OTHER,,,0866,
POTS number 7":

From the OS send model REPT-APR message with OK=Y from all but one involved carrier.

C. EXPECTED RESULTS:

The RSP-APR message completes with COMPLD,00.

The RSP-CRC message completes with COMPLD,11 and ERR = 9008.

Record should not download at effective date/time.

D. COMMENTS:

Verify using REQ-CRQ model the status at each stage of the test procedure.

The UNS-SNA message is sent by SMS/800 to all the MGI-CLLIs specified on the GNA screen of the carriers under test. The UNS-APP message is sent by SMS/800 to all the MGI-CLLIs specified on the GNA screen of the carriers under test. The OS will verify the format of RSP-APR, UNS-SNA, UNS-CRA and UNS-APP messages. The UNS-APP and UNS-CRA will be sent by SMS/800 at download time.

Test Case # 368 CA approvals received record to new date/time**A. PURPOSE:**

Verify that a customer record that requires approval, and all approvals have been received, but the record was transferred to a new effective date/time, now fails download. This test case must be repeated using all possible CR update types that the OS sends.

B. TEST PROCEDURE:

From the OS send model complex record without changes.

Using the GNA Global set the carriers to Request Approval for ADDED TO ROUTING. Specify one to four MGI-CLLIs for each carrier that requires to send approvals with delivery method as MGI.

From the OS send model complex record with the following changes.

REQ-CRC:date,time::::ID=MGIXXX01,RO=MGI01,AC=C,NUM="DIAL#", ED="Pending Date":V="NY+NJ,ON1,224,201,201555,2015551212,01/01-03/01, OTHER,,,0866,POTS number 7":

From the OS send model REPT-APR message with OK=Y from all involved carriers.

From the OS send model complex record with the following changes.

REQ-CRC:date,time::::ID=MGIXXX01,RO=MGI01,AC=T,NUM="DIAL#", ED="new Pending Date":

C. EXPECTED RESULTS:

Verify RSP-APR message completes with COMPLD,00.

Verify RSP-CRC message completes with COMPLD,11 and ERR = 9008.

Record should not download at its effective date and time.

D. COMMENTS:

Verify using REQ-CRQ model the status at each stage of the test procedure.

The UNS-SNA message is sent by SMS/800 to all the MGI-CLLIs specified on the GNA screen of the carriers under test. The UNS-APP message is sent by SMS/800 to all the MGI-CLLIs specified on the GNA screen of the carriers under test. The OS will verify the format of RSP-APR, UNS-SNA, UNS-CRA and UNS-APP messages. The UNS-APP and UNS-CRA will be sent by SMS/800 at download time.

Test Case # 369 CA new record with ed/et of NOW**A. PURPOSE:**

Verify that a customer record that requires approval, and the record was transferred to "NOW", fails validation with a status of "NOW REJ". This test case must be repeated using all possible CR update types that the OS sends.

B. TEST PROCEDURE:

From the OS send model complex record without changes.

Using screen EAP, add in a DIAL# record with the add column set to "Y" and the CHG column is set to "N".

C. EXPECTED RESULTS:

The RSP-CRC message completes with DENIED,10 and ERR = 5632.

Customer record should fail validation.

D. COMMENTS:

New records that use "NOW" in ED/ET and are subject to approval will fail validation.

Verify using REQ-CRQ model the status at each stage of the test procedure.

The OS will verify the format of UNS-CRA at download time with a STAT=7.

Test Case # 370 CA Approvals Received Record Transferred to NOW**A. PURPOSE:**

Verify that a customer record that requires approval, and all approvals have been received and the record was transferred to "NOW", fails subsequent validation with a status of "NOW REJ". This test case must be repeated using all possible CR update types that the OS sends.

B. TEST PROCEDURE:

From the OS send model complex record without changes.

Using screen EAP, add in a DIAL# record with the add column set to "Y" and the CHG column is set to "Y".

From the OS send model complex record with the following changes.

For REQ-CRC Complex Record:

AC=C,
ED="Pending Date":
V="NY+NJ,ON1,224,201,201555,2015551212,01/01-03/01,OTHER,,,0866,
POTS number 7":

From the OS send model REPT-APR message with OK=Y from all involved carriers.

SMS sends RSP-APR with COMPLD,00.

From the OS send model complex record with the following changes.

For REQ-CRC Complex Record:

AC=T,
ED="NOW",SEFD="Pending Date"

C. EXPECTED RESULTS:

The RSP-CRC message completes with COMPLD,11 and ERR = 9008.

The RSP-CRC message completes with DENIED,10 and ERR = 5632 after the transfer.

Customer record should fail revalidation after the transfer.

D. COMMENTS:

Verify using REQ-CRQ model the status at each stage of the test procedure.

The OS will verify the format of UNS-SNA, UNS-CRA and UNS-APP messages. The UNS-APP and UNS-CRA will be sent by SMS/800 at download time. The OS will verify the format of UNS-CRA at download time with a STAT=7.

Test Case # 371 CA One Approval is Denied Causing Unsuccessful Download**A. PURPOSE:**

Verify that a customer record that requires approval, and at least one carrier denied approval that the record becomes failed at download time. This test case must be repeated using all possible CR update types that the OS sends.

B. TEST PROCEDURE:

From the OS send model complex record without changes.

Using screen EAP, add in a DIAL# record with the add column set to "Y" and the CHG column is set to "Y".

From the OS send model complex record with the following changes.

For REQ-CRC Complex Record:

AC=C,
ED="Pending Date":
V="NY+NJ,ON1,224,201,201555,2015551212,01/01-03/01,OTHER,,,0866,
POTS number 7":

From the OS send model REPT-APR message with OK=Y from all but one involved carriers.

From the OS send model REPT-APR message with OK=N from one involved carrier.

C. EXPECTED RESULTS:

Verify RSP-CRC message completes with COMPLD,11 and ERR = 9008.

Record should not download.

D. COMMENTS:

Verify using REQ-CRQ model the status at each stage of the test procedure.

The OS will verify the format of RSP-APR, UNS-SNA, UNS-CRA and UNS-APP messages. The UNS-APP and UNS-CRA will be sent by SMS/800 at download time.

Test Case # 372 CA approval is denied & subsequent unrelated updates**A. PURPOSE:**

Verify that records that have been denied, remain denied after an update that does not affect the denying carrier. This test case must be repeated using all possible CR update types that the OS sends.

B. TEST PROCEDURE:

From the OS send model complex record without changes.

Using screen EAP, add in a DIAL# record with the add column set to "Y" and the CHG column is set to "Y".

From the OS send model complex record with the following changes.

For REQ-CRC Complex Record:

AC=C,
ED="Pending Date":
V="NY+NJ,ON1,224,201,201555,2015551212,01/01-03/01,OTHER,,,0866,
POTS number 7":

From the OS send model REPT-APR message with OK=N from all involved carriers.

SMS sends RSP-APR with COMPLD,00.

From the OS send model complex record with the following changes.

For REQ-CRC Complex Record:

AC=C,
ED="new Pending Date",SEFD="Pending Date":
V="NY+NJ,ON1,224,201,201555,2015551212,01/01-03/01,OTHER,,,0866,
POTS number 8":

C. EXPECTED RESULTS:

The RSP-CRC message completes with COMPLD,11 and ERR = 9008 after the first update.

The RSP-CRC message completes with COMPLD,11 and ERR = 9008 after the second update.

Update should complete, but approval is denied.

D. COMMENTS:

Verify using REQ-CRQ model the status at each stage of the test procedure.

The OS will verify the format of RSP-APR, UNS-SNA, UNS-CRA and UNS-APP messages. The UNS-APP and UNS-CRA will be sent by SMS/800 at download time.

Test Case # 373 CA Approval is Denied & Subsequent Approval**A. PURPOSE:**

Verify that records that have been denied, can later be activated. This test case must be repeated using all possible CR update types that the OS sends.

B. TEST PROCEDURE:

From the OS send model complex record without changes.

Using screen EAP, add in a DIAL# record with the add column set to "Y" and the CHG column is set to "Y".

From the OS send model complex record with the following changes.

For REQ-CRC Complex Record:

AC=C,
ED="Pending Date":
V="NY+NJ,ON1,224,201,201555,2015551212,01/01-03/01,OTHER,,,0866,
POTS number 7":

From the OS send model REPT-APR message with OK=N from one involved carrier.

SMS sends RSP-APR with COMPLD,00.

From the OS send model complex record with the following changes.

For REQ-CRC Complex Record:

AC=T,
ED="new Pending Date",SEFD="Pending Date":
V="NY+NJ,ON1,224,201,201555,2015551212,01/01-03/01,OTHER,,,0866,
POTS number 8":

From the OS send model REPT-APR message with OK=Y from all involved carriers.

C. EXPECTED RESULTS:

The RSP-CRC message completes with COMPLD,11 and ERR = 9008 after first update.

The RSP-CRC message completes with COMPLD,11 and ERR = 9008 after second update.

Update should complete, but approval status will change since the carrier that denied on the first update is not affected. The carrier did not sent a second REPT-APR with OK=Y before download time.

D. COMMENTS:

Verify using REQ-CRQ model the status at each stage of the test procedure.

The OS will verify the format of RSP-APR, UNS-SNA, UNS-CRA and UNS-APP messages after first update of the record.

The OS will verify the format of UNS-SNA and UNS-CRA messages after second update of the record. The UNS-APP and UNS-CRA will be sent by SMS/800 at download time after each update of the record.

Test Case # 374 CA Record Requiring Approvals Is Deleted**A. PURPOSE:**

Verify that if a customer record requiring Carrier Approval is deleted, and notification requests were sent and approvals were made, that the carrier receives notification that the record was deleted. This test case must be repeated using all possible CR update types that the OS sends.

B. TEST PROCEDURE:

From the OS send model CRQ message for record.

Using screen EAP, add in DIAL# record with the add column set to "Y" and the CHG column is set to "Y".

From the OS send CRC model record with the following changes.

For REQ-CRC Complex Record:

AC=C,
ED="Pending date":

From the OS send model REPT-APR message with OK=Y from all involved carriers.

SMS sends RSP-APR with COMPLD,00.

From the OS send CRC model record with the following changes.

For REQ-CRC Complex Record:

AC=X,
ED="Pending date":

C. EXPECTED RESULTS:

The RSP-CRC message completes with COMPLD,11 and ERR = 9008 after first update.

The RSP-CRC message completes with COMPLD,00 after the second update.

Notification should be made to involved carriers who requested approval that the record no longer exists.

D. COMMENTS:

Verify using REQ-CRQ model the status at each stage of the test procedure.

The OS will verify the format of UNS-SNA and RSP-APR after the first update of the record.

The OS will verify the format of UNS-CRA after the second update of the record.

14. MESSAGES REQ-DAP, RSP-DAP, AND UNS-ACT

This section applies to regular CRs and templates.

14.1 REQ-DAP, RSP-DAP AND UNS-ACT TEST CASES

REQ-DAP/RSP-DAP: The processing rules for Detail Approval Status are:

- The DIAL# is required. The ED and ET are optional.
- If ED and ET are not provided

SMS/800 will search forward from REQ-DAP to find the closest future DAP record. No backward search on historical DAP will be performed.

- If ED is provided, but ET is missing:

SMS/800 will start the search from 12:01 A.M of the ED, and look for the first occurrence of the ET within that day that contains DAP information. If ED=today, since the system starts searching from midnight today and look forward, and if the ET is earlier than current time in DAP, SMS/800 will deny the message.

UNS-ACT: The MGI Unsolicited Message for Carrier Approval Status Change (UNS-ACT) can be turned ON or OFF via the GUN screen by SMS/800 Software Systems with formal instructions from the MGI RESP ORGs.

The UNS-ACT message is triggered by SMS/800 when the following conditions are detected:

- All carriers approved a record.
- Any carrier denied a record.
- When all carriers approve a record and they responded "Y" (approve) to a record, they cannot change
- After a carrier denied a record a subsequent approval can be sent as long as the approval is sent before download time.
- If all the denied carriers later changed "N" to "Y" the Control RESP ORG will get up-to-date "all approvals received" notice.

Test Case # 375 Test Invalid Control RESP ORG**A. PURPOSE:**

Verify that when the OS is sending to SMS/800 REQ-DAP with an invalid RESP ORG. The DIAL# belongs to a another control RESP ORG.

B. TEST PROCEDURE:

From the OS send the following message.

```
REQ-DAP:,date,time::::ID=MGIXXX01,RO=MGI01,NUM="DIAL#", ED="effective  
date",ET="effective time";
```

C. EXPECTED RESULTS:

OS will verify the following response is received:

```
RSP-DAP:,date,time:::DENIED,01::ID=MGIXXX01,RO=MGI01, NUM="DIAL#",ED="effective  
date",ET="effective time":CNT=01:ERR=06,VERR="RO:MGI01";
```

D. COMMENTS:

The Error Code indicates the wrong RESP ORG in the REQ-DAP.

Test Case # 376 Test for EFF Date of NOW**A. PURPOSE:**

Verify that when the OS is sending to SMS/800 REQ-DAP with an EFF Date of NOW.

B. TEST PROCEDURE:

From the OS send the following message.

REQ-DAP:,date,time::::ID=MGIXXX01,RO=MGI01,NUM="DIAL#",ED="NOW";

C. EXPECTED RESULTS:

OS will verify the following response is received:

RSP-DAP:,date,time:::DENIED,01::ID=MGIXXX01,RO=MGI01,
NUM="DIAL#",CNT=01:ERR=11,VERR="ED=NOW";

D. COMMENTS:

The Error Code indicates that ED=NOW is not allowed.

Test Case # 377 Test for DIAL# when no DAP data is found**A. PURPOSE:**

Verify that when the OS is sending to SMS/800 REQ-DAP with no ED/ET.

B. TEST PROCEDURE:

From the OS send the following message.

REQ-DAP:,date,time::::ID=MGIXXX01,RO=MGI01,NUM="DIAL#";

C. EXPECTED RESULTS:

OS will verify the following response is received:

RSP-DAP:,date,time:::DENIED,01::ID=MGIXXX01,RO=MGI01,
NUM="DIAL#",CNT=01:ERR=15,VERR="NO DAP DATA";

D. COMMENTS:

The Error Code indicates NO DAP DATA for the Customer Record.

Test Case # 378 Test for DIAL# when DAP data is found**A. PURPOSE:**

Verify that when the OS is sending to SMS/800 REQ-DAP with no ED/ET.

B. TEST PROCEDURE:

From the OS send the following message.

REQ-DAP:,date,time::::ID=MGIXXX01,RO=MGI01,NUM="DIAL#";

C. EXPECTED RESULTS:

OS will verify the following response is received:

RSP-DAP:,date,time::::COMPLD,00::ID=MGIXXX01,RO=MGI01, NUM="DIAL#",ED="effective date",ET="effective time",STAT=stat, APP=app:CNT=cnt:CIC=cic,OK=ok,WHY=why,TI=ti;

D. COMMENTS:

Successful search for Detail Approval Status of the record when no ED/ET was supplied.

Test Case # 379 Test for DIAL# when DAP data with ED-ET**A. PURPOSE:**

Verify that when the OS is sending to SMS/800 REQ-DAP with ED/ET in the message.

B. TEST PROCEDURE:

From the OS send the following message.

REQ-DAP:,date,time::::ID=MGIXXX01,RO=MGI01,NUM="DIAL#", ED="effective time",ET="effective date";

C. EXPECTED RESULTS:

OS will verify the following response is received:

RSP-DAP:,date,time::::COMPLD,00:::ID=MGIXXX01,RO=MGI01, NUM="DIAL#",ED="effective date",ET="effective time",STAT=stat, APP=app:APP=cnt:CNT=cnt:CIC=cic,OK=ok,WHY=why,TI=ti;

D. COMMENTS:

Successful search for Detail Approval Status of the record when ED/ET was supplied.

Test Case # 380 Test for DAP and No DAP in the future**A. PURPOSE:**

Verify that when the OS is sending to SMS/800 REQ-DAP found no data with a future Effective Date and Effective Time in the CNA Data Base. Verify that when OS is sending to SMS/800 REQ-DAP that finds data with future Effective Date and Effective Time in the CNA Data Base.

B. TEST PROCEDURE:

From the OS send the following message with no record in CNA Data Base:

REQ-DAP:,date,time::::ID=MGIXXX01,RO=MGI01,NUM="DIAL#", ED="effective date",ET="effective time";

From the OS send the following message with record in CNA Data Base with future ED/ET.

REQ-DAP:,date,time::::ID=MGIXXX01,RO=MGI01,NUM="DIAL#", ED="effective date",ET="effective time";

C. EXPECTED RESULTS:

OS will verify the following response is for the first message.

RSP-DAP:,date,time:::DENIED,01::ID=MGIXXX01,RO=MGI01, NUM="DIAL#",ED="effective date",ET="effective time", CNT=01,ERR=09,VERR="NO DAP DATA"

OS will verify the following response is for the second message.

RSP-DAP:,date,time:::COMPLD,00::ID=MGIXXX01,RO=MGI01, NUM="DIAL#",ED="effective date",ET="effective time",STAT=stat, APP=app:CNT=cnt:CIC=cic,OK=ok,WHY=why,TI=ti;

D. COMMENTS:

The closest future effective date and time is returned when DAP exists.

Test Case # 381 Test that UNS-ACT is not generated-no GUN exists**A. PURPOSE:**

Verify that UNS-ACT message is not generated when no GUN exists for the RESP-ORG even when approvals are received by SMS.

B. TEST PROCEDURE:

From the OS send the approval request using REPT-APR message with OK=Y which will approve all approval requests.

```
REPT-APR:,date,time:::::ID=MGIXXX01,RO=MGI01,NUM="DIAL#", ED="effective date",ET="effective time", LUED=lued,LUET=luet,CIC=cic,OK=Y,WHY=why;
```

From the OS send the an approval request using REPT-APR message with OK=N which will deny an approval request.

```
REPT-APR:,date,time:::::ID=MGIXXX01,RO=MGI01,NUM="DIAL#", ED="effective date",ET="effective time", LUED=lued,LUET=luet,CIC=cic,OK=N,WHY=why;
```

C. EXPECTED RESULTS:

SMS sends RSP-APR with COMPLD,00 for the first REPT-APR. SMS sends RSP-APR with DENIED,01 for the second with ERR=21 cannot change approvals from "Y" to "N" OS will not receive UNS-ACT.

D. COMMENTS:

The UNS-ACT will not be generated by SMS/800 when GUN screen is not populated.

Test Case # 382 Successful denial and successful UNS-ACT**A. PURPOSE:**

Verify that UNS-ACT message is generated when GUN exists for the RESP-ORG even when approvals are denied by one of the involved CIC's.

B. TEST PROCEDURE:

From the OS send an approval request using REPT-APR message with OK=N which will deny an approval request. The GUN screen will be set to "Y" for ALL APPROVED, "Y" for any one denied. The OS CLLI code or CLLI's will be set.

```
REPT-APR:,date,time::::ID=MGIXXX01,RO=MGI01,NUM="DIAL#", ED="effective date",ET="effective time",LUED=lued,LUET=luet,CIC=cic,OK=N,WHY=why;
```

C. EXPECTED RESULTS:

OS will receive RSP-APR with COMPLD,00. OS will receive UNS-ACT.

D. COMMENTS:

The UNS-ACT will be generated by SMS/800 and the OS will verify the contents of UNS-ACT. The UNS-ACT will be sent to one or more CLLI's depending on what is set on the GUN screen.

Test Case # 383 Successful Approval and successful UNS-ACT**A. PURPOSE:**

Verify that UNS-ACT message is generated when GUN exists for the RESP-ORG and when approvals are sent by all involved CIC's.

B. TEST PROCEDURE:

From the OS send an approval using REPT-APR message with OK=Y to approve an approval request from one involved carrier and send it a second time for all involved carriers.

```
REPT-APR:,date,time:::::ID=MGIXXX01,RO=MGI01,NUM="DIAL#", ED="effective date",ET="effective time",LUED=lued,LUET=luet,CIC=cic,OK=Y,WHY=why;
```

C. EXPECTED RESULTS:

OS will receive RSP-APR with COMPLD,00 for each time that is sent.

OS will receive UNS-ACT.

```
UNS-ACT:,date,time:::::RO=ro,NUM=num,ED=ed,ET=et,INFO=01;
```

D. COMMENTS:

The UNS-ACT will be generated by SMS/800 and the OS will verify the contents of UNS-ACT. The UNS-ACT will be sent to one or more CLLI's depending on what is set on the GUN screen.

15. MESSAGES UNS-RCH AND UNS-BBM

15.1 UNS-RCH and UNS-BBM TEST CASES

The changes to MGI for this feature are found in the interface specification GR-1247-CORE.

- This feature provides RESP ORG change notification to the old RESP ORG when change is initiated by SMS/800 Software Systems, and to the old RESP ORG (via MGI, if the old RESP ORG gets notification via MGI) when the change is initiated by an on-line user. The old RESP ORG will have the ability to specify if they wish notification over MGI. When the GUN screen Resp ORG Change Notice entry is YES for the old RESP ORG, both the old and the new RESP ORG's are provided to the MGI user and both type of RESP ORG changes trigger notification. The "ro" parameter is redefined as the RESP ORG to whom the message is being sent. It is not always the new RESP ORG.

The MGI Unsolicited Message for Resp Org Change (UNS-RCH) can be turned ON or OFF via the GUN screen by SMS/800 Software Systems with formal instructions from the MGI RESP ORGs.

- The MGI Unsolicited Message for Bulletin Board message (UNS-BBM) is sent from SMS to convey information or problem pertaining to the operation of SMS/800.

The MGI Unsolicited Message for Bulletin Board message (UNS-BBM) can be turned ON or OFF via the GUN screen by SMS/800 Software Systems with formal instructions from the MGI RESP ORGs.

The UNS-BBM message is generated by the following ways:

- System generated such as NPA-NXX-LATA moves.
- SMS/800 Software Systems generated.

Test Case # 384 REQ-NSC Resp Org Change - Notify New Resp Org**A. PURPOSE:**

Notification will be sent to the new RESP ORG when MGI user makes a Resp Org change using the REQ-NSC message. When the new RESP ORGs on the GUN screen have the CONTROL RESP ORG CHANGE field turned on (Y/N column contains a "Y" and Deliver to valid CLLI codes), then the new RESP ORG on the REQ-NSC message will receive an UNS-RCH message via MGI when the Resp Org change has been made by an MGI user.

B. TEST PROCEDURE:

Coordinate the GUN and ORC screen changes with SMS/800 Software Systems. The GUN screen should be set to "Y", ORC screen should be set to "N" and enter the CLLI for the old Resp Org in the DELIVER TO CLLI field. The GUN screen should be set to "Y", ORC screen should be set to "N" and enter the CLLI for the new Resp Org in the DELIVER TO CLLI field.

The OS sends number search and reservation message to reserve a DIAL#.

REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,NPA=npa,NCON=ncon, CTEL=ctel,NOTES=notes;

The OS sends a Resp Org change using the number status change message.

REQ-NSC:,date,time::::ID=id,RO=ro,AC=C,NUM=num,NEWRO=newro;

C. EXPECTED RESULTS:

OS will verify the following message is received respectively:

SMS/800 sends response to the REQ-NSR.

RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro,CNT=cnt:NUM=num;

SMS/800 sends response to the REQ-NSC.

RSP-NSC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,NEWRO=newro;

The UNS-RCH is sent to the new Resp Org.

UNS-RCH:,date,time::::RO=ro,NUM=num,OLDRO=oldro,NEWRO=newro,STAT=stat;

D. COMMENTS:

The UNS-RCH messages are sent to the new Resp Org of the Resp Org change based on the CLLI code in the GUN screen and UNS-RCH is sent to the new RESP ORG.

Test Case # 385 REQ-NSC Resp Org Change - No Entry in the GUN Table**A. PURPOSE:**

Notification will not be sent to the new or old RESP ORG when there is no entry in the GUN table and an MGI user makes a Resp Org change using the REQ-NSC message.

B. TEST PROCEDURE:

Coordinate the GUN and ORC screen changes with SMS/800 Software Systems. Make sure that no entry exists in the GUN table for the new and old RESP ORG's.

The OS sends the following messages:

The OS sends number search and reservation message to reserve a DIAL#.

REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,NPA=npa,NCON=ncon, CTEL=ctel,NOTES=notes;

The OS sends a Resp Org change using the number status change message.

REQ-NSC:,date,time::::ID=id,RO=ro,AC=C,NUM=num,NEWRO=newro;

C. EXPECTED RESULTS:

OS will verify the following message is received respectively:

SMS/800 sends response to the REQ-NSR.

RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro,CNT=cnt:NUM=num;

SMS/800 sends response to the REQ-NSC.

RSP-NSC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,NEWRO=newro;

The UNS-RCH will not be sent to the old or new RESP ORG.

D. COMMENTS:

The UNS-RCH will not be sent to the new RESP ORG nor the old RESP ORG.

Test Case # 386 REQ-NSC Resp Org Change - GUN and ORC set to Y**A. PURPOSE:**

Notification will be sent to the new RESP ORG when MGI user makes a Resp Org change using the REQ-NSC message. When the old and the new RESP ORGs on the GUN screen have the CONTROL RESP ORG CHANGE field turned on (Y/N column contains a "Y" and Deliver to valid CLLI codes), then the new or/and old RESP ORG on the REQ-NSC message will receive an UNS-RCH message via MGI when a Resp Org Change is made by a MGI user.

B. TEST PROCEDURE:

Coordinate the GUN and ORC screen changes with SMS/800 Software Systems. The GUN screen should be set to "Y", ORC screen should be set to "Y" and enter the CLLI for the old Resp Org in the DELIVER TO CLLI field. The GUN screen should be set to "Y", ORC screen should be set to "Y" and enter the CLLI for the new Resp Org in the DELIVER TO CLLI field.

The OS sends the following messages:

The OS sends number search and reservation message to reserve a DIAL#.

REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,NPA=npa,NCON=ncon, CTEL=ctel,NOTES=notes;

The OS sends a Resp Org change using the number status change message.

REQ-NSC:,date,time::::ID=id,RO=ro,AC=C,NUM=num,NEWRO=newro;

C. EXPECTED RESULTS:

OS will verify the following message is received respectively:

SMS/800 sends response to the REQ-NSR.

RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro,CNT=cnt:NUM=num;

SMS/800 sends response to the REQ-NSC.

RSP-NSC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,NEWRO=newro;

The UNS-RCH is sent to the new Resp Org.

UNS-RCH:,date,time::::RO=ro,NUM=num,OLDRO=oldro,NEWRO=newro,STAT=stat;

D. COMMENTS:

The UNS-RCH messages are sent to the new Resp Org of the Resp Org change based on the CLLI code in the GUN screen and UNS-RCH is sent to the new or/and old RESP ORG.

Test Case # 387 REQ-CRA Resp Org Change, GUN Set To 'Y' Both RESP ORGs**A. PURPOSE:**

When the old and the new RESP ORGs on the GUN screen have the CONTROL RESP ORG CHANGE field turned on (Y/N column contains a "Y" and Deliver to CLLI contains valid CLLI codes), then the new and old RESP ORG on the REQ-CRA message will receive an UNS-RCH message via MGI when RESP ORG Change is made by a MGI user.

B. TEST PROCEDURE:

The GUN screen should be set to "Y" and enter the CLLI for the old Resp Org in the DELIVER TO CLLI field. The GUN screen should be set to "Y" and enter the CLLI for the new Resp Org in the DELIVER TO CLLI field.

The OS sends the following messages:

The OS sends number search and reservation message to reserve a DIAL#.

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,NPA=npa,NCON=ncon, CTEL=ctel,NOTES=notes;
```

The OS sends a REQ-CRA to create a new connect simple customer record.

```
REQ-CRA:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED=ed,ET=et,  
INTERC=interc,INTRAC=intrac,SO=so:CNT6=cnt6:ANET=anet:  
CNT8=cnt8:LN=ln:CNT9=cnt9:TEL=tel,LNS=lns,CITY=city,LSO=lso;
```

The OS sends REQ-CRA to change the Resp Org on a simple customer record.

```
REQ-CRA:,date,time::::ID=id,RO=ro,AC=C,NUM=num,ED=ed,ET=et,  
INTERC=interc,INTRAC=intrac,SO=so,NEWRO=newro:CNT6=cnt6:ANET=anet:  
CNT8=cnt8:LN=ln:CNT9=cnt9:TEL=tel,LNS=lns,CITY=city,LSO=lso;
```

C. EXPECTED RESULTS:

OS will verify the following message is received respectively:

SMS/800 sends response to the REQ-NSR.

```
RSP-NSR:,date,time::::COMPLD,00::ID=id,RO=ro,CNT=cnt:NUM=num;
```

SMS/800 sends response to the REQ-CRA.

```
RSP-CRA:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

The SMS/800 will send a RSP-CRA message in response to the REQ-CRA update.

```
RSP-CRA:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

The UNS-RCH is sent to the new Resp Org.

```
UNS-RCH:,date,time:::::RO=ro,NUM=num,OLDRO=oldro,NEWRO=newro,STAT=stat;
```

D. COMMENTS:

The UNS-RCH message is sent only to the new RESP ORG of the Resp Org change based on the CLLI codes on the GUN screen, and UNS-RCH message is sent to the new and old RESP ORG.

Test Case # 388 REQ-CRC Resp Org Change, GUN Set To 'Y' Both RESP ORGs**A. PURPOSE:**

When the old and the new RESP ORGs on the GUN screen have the CONTROL RESP ORG CHANGE field turned on (Y/N column contains a "Y" and Deliver to CLLI contains valid CLLI codes), then the new and old RESP ORG on the REQ-CRC message will receive an UNS-RCH message via MGI when a Resp Org Change is made by a MGI user.

B. TEST PROCEDURE:

The GUN screen should be set to "Y" and enter the CLLI for the old Resp Org in the DELIVER TO CLLI field. The GUN screen should be set to "Y" and enter the CLLI for the new Resp Org in the DELIVER TO CLLI field.

The OS sends the following messages:

The OS sends number search and reservation message to reserve a DIAL#.

```
REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,NPA=npa,NCON=ncon, CTEL=ctel,NOTES=notes;
```

The OS sends a REQ-CRC to create a new connect complex customer record.

```
REQ-CRC:date,time::::ID=id,RO=ro,AC=N,NUM="DIAL#",  
ED="NOW",SO=N2323441,NOTE="COMPLEX RECORD":  
IEC="CNT1=09,0288,0222,0333,0866,0411,0900,0021,0789,0001":  
IAC="CNT2=09,0288,0222,0333,0866,0411,0900,0021,0789,0001":  
ASTA="CNT7=05,NJ,PA,NY,NH,VT":CNT8=01:LN="TELCORDIA":CNT9=009:  
TEL="DIAL#",LNS=800,CITY="city:  
TEL="POTS number 1",LNS=800,CITY="city",LSO=NPANXX:  
TEL="POTS number 2",LNS=800,CITY="city",LSO=NPANXX:  
TEL="POTS number 3",LNS=800,CITY="city",LSO=NPANXX:  
TEL="POTS number 4",LNS=800,CITY="city",LSO=NPANXX:  
TEL="POTS number 5",LNS=800,CITY="city",LSO=NPANXX:  
TEL="POTS number 6",LNS=800,CITY="city",LSO=NPANXX:  
TEL="POTS number 7",LNS=800,CITY="city",LSO=NPANXX:  
TEL="POTS number 8",LNS=800,CITY="city",LSO=NPANXX:  
NODE="CNT10=12,ST,SW,LT,AC,SD,TD,DT,DA,TI,PC,CA,TE":  
CNT11=012:V="NY+NJ,ON1,224,201,201555,2015551212,01/01-03/01,  
M-TH,09:00A-05:00P,25,0288,POTS number 1:  
V="NY+NJ,ON1,224,201,201555,2015551212,01/01-03/01,  
M-TH,09:00A-05:00P,75,0222,POTS number 2:  
V="NY+NJ,ON1,224,201,201555,2015551212,01/01-03/01,  
M-TH,OTHER,,0333,POTS number 3:  
V="NY+NJ,ON1,224,201,201555,2015551212,01/01-03/01, OTHER,,,0866,POTS number 4:  
V="NY+NJ,ON1,224,201,201555,2015551212,OTHER,,,0288,POTS number 5:  
V="NY+NJ,ON1,224,201,201555,OTHER,,,,,0900,POTS number 6:  
V="NY+NJ,ON1,224,201,*OTH201,,,,,0021,POTS number 7:  
V="NY+NJ,ON1,224,201,OTHER,,,,,0789,POTS number 8:  
V="NY+NJ,ON1,224,201,OTHER,,,,,,0001,DIAL#:  
V="NY+NJ,ON1,OTHER,|||||,0288,POTS number 1:  
V="OTHER|||||,0222,POTS number 2:PEC="0288",PAC="0222":  
CNT12=01:TYPE=SD,LBL="*OTH201",DEF="CNT13=003,201,333,334,335";
```

The SMS/800 will send a RSP-CRC message in response to the REQ-CRC update

Send REQ-CRC to change the Resp Org on the previous REQ-CRC with AC=C and NEWRO=newro and the entire CAD, CPR and LAD portion of the record.

C. EXPECTED RESULTS:

OS will verify the following message is received respectively:

SMS/800 sends response to the REQ-NSR.

RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro,CNT=cnt:NUM=num;

SMS/800 sends response to the REQ-CRC.

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

The SMS/800 will send a RSP-CRA message in response to the REQ-CRC update.

RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

The UNS-RCH is sent to the new Resp Org.

UNS-RCH:,date,time:::::RO=ro,NUM=num,OLDRO=oldro,NEWRO=newro,STAT=stat;

D. COMMENTS:

The UNS-RCH message is sent only to the new RESP ORG of the Resp Org change based on the CLLI codes on the GUN screen, and UNS-RCH message is sent to the new and old RESP ORG.

Test Case # 389 NUS Resp Org Change - GUN Set To 'Y' Both RESP ORGs**A. PURPOSE:**

When the old and the new RESP ORGs on the GUN screen have the CONTROL RESP ORG CHANGE field turned on (Y/N column contains a "Y" and Deliver to CLLI contains valid CLLI codes), then the new and old RESP ORGs on the NUS (Number Administration Online Screen) Resp Orgs update will receive an UNS-RCH message via MGI.

B. TEST PROCEDURE:

The GUN screen should be set to "Y" and enter the CLLI for the old Resp Org in the DELIVER TO CLLI field. The GUN screen should be set to "Y" and enter the CLLI for the new Resp Org in the DELIVER TO CLLI field.

SMS/800 Software Systems will create RESERVED Dial # using the NUS online screen and use NUS to update the Resp Org to a new Resp Org.

C. EXPECTED RESULTS:

The NUS online will reserve the Dial # and the NUS update will change to new Resp Org in the Resp Org Field.

The UNS-RCH is sent to the old and new Resp Org of the Resp Org change.

UNS-RCH:,date,time:::::RO=ro,NUM=num,OLDRO=oldro,NEWRO=newro,STAT=stat;

D. COMMENTS:

All online updates can be verified by SMS/800 Software Systems seeing the UPDATE COMPLETED message and the UNS-RCH message will be sent to CLLI codes specified on the GUN screen.

Test Case # 390 CAD Resp Org Change - GUN Set To 'Y' Both RESP ORGS**A. PURPOSE:**

When the old and the new RESP ORGs on the GUN screen have the CONTROL RESP ORG CHANGE field turned on (Y/N column contains a "Y" and Deliver to CLLI contains valid CLLI codes), then the new and old RESP ORG on the CAD (Customer Record Administration Online Screen) Resp Orgs update will receive an UNS-RCH message via MGI.

B. TEST PROCEDURE:

The GUN screen should be set to "Y" and enter the CLLI for the old Resp Org in the DELIVER TO CLLI field. The GUN screen should be set to "Y" and enter the CLLI for the new Resp Org in the DELIVER TO CLLI field.

The OS sends the following messages:

The OS sends number search and reservation message to reserve a DIAL#.

REQ-NSR:,date,time::::ID=id,RO=ro,AC=R,NPA=npa,NCON=ncon, CTEL=ctel,NOTES=notes;

The OS sends a REQ-CRA to create a new connect simple customer record.

REQ-CRA:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED=ed,ET=et,
INTERC=interc,INTRAC=intrac,SO=so:CNT6=cnt6:ANET=anet:CNT8=cnt8:
LN=ln:CNT9=cnt9:TEL=tel,LNS=lns,CITY=city,LSO=lso;

The SMS/800 Software Systems will use the CAD screen to update the Resp Org by typing in the new Resp Org field of the CAD screen.

C. EXPECTED RESULTS:

OS will verify the following message is received respectively:

SMS/800 sends response to the REQ-NSR.

RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro,CNT=cnt:NUM=num;

SMS/800 sends response to the REQ-CRA.

RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

The SMS/800 Systems Software will verify that online update were successful when the Resp Org was changed using the online CAD screen.

D. COMMENTS:

All online updates can be verified by SMS/800 Software Systems seeing the UPDATE COMPLETED message and the UNS-RCH message will be sent to CLLI codes specified on the GUN screen.

Test Case # 391 Test the Bulletin Board message**A. PURPOSE:**

Verify that the Bulletin Board message is received by OS if the Bulletin Board entry of GUN is Y.

Verify that the Bulletin Board message is not received by OS if the Bulletin Board entry of GUN is N.

B. TEST PROCEDURE:

1. Coordinate the GUN settings with SMS/800 Software Systems. Set Bulletin Board = Y.
Have SMS/800 Software Systems send MGIBB13 indicating a Bulletin Board message in Topics and Message fields on the on-line SMA screen.
2. Ask SMS/800 Software Systems to set Bulletin Board = N in GUN screen and then send same mail

C. EXPECTED RESULTS:

1. OS verifies the following message is received:

UNS-BBM:,date,time::::MC=13,TOPIC="SMS/800 MGI USERS",MSG="(1) MGI INTERFACE
CHANGES COMING UP (2) SEE SR-STS-002352 DOCUMENT - HELLO"

2. UNS-BBM message are not received when Bulletin Board = Nm the GUN screen.

C. COMMENTS:

The coordination should be made between OS's and SMS/800 Software Systems for the Bulletin Board testing.

16. ELECTRONIC RESP ORG CHANGE REQUEST

16.1 REQ-RCH/RSP-RCH TEST CASES

Request One or More Resp Org Changes message format:

```
REQ-RCH:,date, time:::ID=id,RO=ro,AC=ac:QT=qt:NUM=num,PDD=pdd,  
CNAME=cname,ADD=add,CCON=ccon,CCTEL=cctel,DATE=date,RN=rn;
```

Cancel One or More Resp Org Change Requests message format:

```
REQ-RCH:,date, time:::ID=id,RO=ro,AC=ac:QT=qt:NUM=num;
```

Successful Response:

```
RSP-RCH:,date, time:::COMPLD,00::ID=id,RO=ro,AC=ac:QT=qt: NUM=num,CRO=cro;
```

Partially Successful Response:

```
RSP-RCH:,date, time:::COMPLD,11::ID=id,RO=ro,AC=ac:QT=qt:NUM=num,  
CRO=cro:CNT=cnt:ENUM=enum,ERR=err,VERR=verr;
```

Failed Response:

```
RSP-RCH:,date, time:::DENIED,01::ID=id,RO=ro,AC=ac:QT=qt:  
NUM=num:CNT=cnt:ENUM=enum,ERR=err,VERR=verr;
```

Test Case # 392 REQ-RCH With AC=R and Valid or Invalid RN tag Entered**A. PURPOSE:**

- 1, 2. RN tag allows maximum of 30 characters.
- 3, 4, 5. RN tag allows special characters and alphanumeric except ~ “

B. TEST PROCEDURE:

The OS:

1. Create a REQ-RCH message with a RN tag of 30 characters.
RN="abcdefghijklmнопqrstuvwxyzабcd";
2. Create a REQ-RCH message with a RN tag of 31 characters.
RN="abcdefghijklмнопqrstuvwxyzабcde";
3. Create a REQ-RCH message with a RN tag of 30 special and alphanumeric characters.
RN="`!@#\$%^&*(*)_+=\][{};:>,.?/.";
4. Create a REQ-RCH message with a RN tag of ~. RN="~"
5. Create a REQ-RCH message with a RN tag of " (a double quote). RN=""""

F. EXPECTED RESULTS:

SMS/800 responds:

1. The RSP-RCH is returned with a term_rept of COMPLD, error_code of 00.
2. The RSP-RCH is returned with a term_rept of DENIED, error_code of 01, and ERR=05.
3. The RSP-RCH is returned with a term_rept of COMPLD, error_code of 00.
4. The RSP-RCH is returned with a term_rept of DENIED, error_code of 01, and ERR=05.
5. The RSP-RCH is returned with a term_rept of DENIED, error_code of 01, and ERR=05.

F. COMMENTS:

Successful or unsuccessful responses.

Test Case # 393 REQ-RCH With AC=C and Customer Request Data Entered**A. PURPOSE:**

Send an REQ-RCH with an Action Code of C (for cancel Resp Org change request) with customer request data that is only allowed on an Action code of R (for Resp Org change request).

B. TEST PROCEDURE:

The OS:

Send an REQ-RCH that contains an AC=C with a Past Due Date (PDD), Customer Name (CNAME), Customer Address (ADD), Customer Contact Name (CCON), Customer Contact Phone Number (CCTEL), Customer Signature Date (DATE), and Reseller Name (RN).

C. EXPECTED RESULTS:

SMS/800 responds:

The RSP-RCH is returned with a term_rept of DENIED, error_code of 01, and ERR=04.

D. COMMENTS:

Unsuccessful response.

Test Case # 394 REQ-RCH With AC=R and NUM That Is Spare**A. PURPOSE:**

Send an REQ-RCH with an Action Code of R (for Resp Org change request) with customer request data that is valid but the NUM parameter contains a spare DIAL Telephone Number.

B. TEST PROCEDURE:

The OS:

Send an REQ-RCH that contains an AC=R with a DIAL Telephone Number (NUM) that is spare and a valid Customer Name (CNAME), Customer Address (ADD), Customer Contact Name (CCON), Customer Contact Phone Number (CCTEL), Past Due Date (PDD), Customer Signature Date (DATE), and Reseller Name (RN).

C. EXPECTED RESULTS:

SMS/800 responds:

The RSP-RCH is returned with a term_rept of DENIED, error_code of 01, and ERR=18.

D. COMMENTS:

Unsuccessful response.

Test Case # 395 REQ-RCH containing only one Dial Telephone Number

A. PURPOSE:

Send an REQ-RCH containing only one Dial Telephone Number using an Action Code of R (Resp Org change request).

B. TEST PROCEDURE:

The OS:

Use an existing Dial Telephone Number in the system, sends an REQ-RCH to request a Electronic Resp Org Change request (AC=R).

C. EXPECTED RESULTS:

SMS/800 responds:

The RSP-RCH is returned with a term_rept of COMPLD and error_code of 00.

D. COMMENTS:

Successful response.

Test Case # 396 REQ-RCH containing 24 Dial Telephone Numbers

A. PURPOSE:

Send an REQ-RCH containing 24 Dial Telephone Numbers using an Action Code of R (Resp Org change request).

B. TEST PROCEDURE:

The OS:

Use 24 existing DIAL Telephone Numbers in the system, which do not belong to the Resp Org, and sends an REQ-RCH to requesting a Resp Org change (AC=R).

C. EXPECTED RESULTS:

SMS/800 responds:

The RSP-RCH is returned with a term_rept of COMPLD and error_code of 00.

D. COMMENTS:

Successful response.

Test Case # 397 REQ-RCH containing 48 Dial Telephone Numbers**A. PURPOSE:**

Send an REQ-RCH containing 48 Dial Telephone Numbers using an Action Code of R (Resp Org change request).

B. TEST PROCEDURE:

The OS:

Use 48 existing DIAL Telephone Numbers in the system, which do not belong to the requesting Resp Org other than the sending Resp Org (RO parameter), sends a REQ-RCH to request a Resp Org change (AC=R).

C. EXPECTED RESULTS:

SMS/800 responds:

The RSP-RCH is returned with a term_rept of COMPLD and error_code of 00.

D. COMMENTS:

Successful response.

Test Case # 398 REQ-RCH request, Receive RSP-RCH with COMPLD, 11**A. PURPOSE:**

Send an REQ-RCH containing 3 DIAL Telephone Numbers using an Action Code of R (Resp Org change request).

B. TEST PROCEDURE:

The OS:

Use 3 existing DIAL Telephone Numbers in the system, sends an REQ-RCH to request a Resp Org change (AC=R). The request contains at least one DIAL Telephone Number with a Resp Org that is the same as the requesting Resp Org, but the Resp Org is not the one that exists on the DIAL Telephone Number.

C. EXPECTED RESULTS:

SMS/800 responds:

The RSP-RCH is returned with a term_rept of COMPLD and error_code of 11.

D. COMMENTS:

Partially successful response.

Test Case # 399 REQ-RCH Request For Every Time Zone in the UAL Header**A. PURPOSE:**

Send an REQ-RCH containing only one Dial Telephone Number using an Action Code of R (Resp Org change request) from every time zone in the User Application Layer (UAL).

B. TEST PROCEDURE:

The OS:

Use an existing Dial Telephone Number in the system, which does not belong to the Resp Org other than the sending Resp Org (RO parameter), sends a REQ-RCH to request a Resp Org change (AC=R).

C. EXPECTED RESULTS:

SMS/800 responds:

The RSP-RCH is returned with a term_rept of COMPLD and error_code of 00 and the time zone on the RSP-RCH is always in Central Time (CST).

D. COMMENTS:

Successful response. This test case should be repeated with EST, MST, etc.

Test Case # 400 REQ-RCH Request on An Unavailable Number

A. PURPOSE:

Send an REQ-RCH on an unavailable number.

B. TEST PROCEDURE:

The OS:

Send an REQ-RCH that contains a DIAL Telephone Number that is unavailable.

C. EXPECTED RESULTS:

SMS/800 responds:

The RSP-RCH is returned with a term_rept of DENIED and error_code of 01 and err of 18.

D. COMMENTS:

Unsuccessful Response.

Test Case # 401 REQ-RCH For Reserved Number With No Customer Record

A. PURPOSE:

Send an REQ-RCH for a reserved number that has no customer record

B. TEST PROCEDURE:

The OS:

Send an REQ-RCH that contains a DIAL Telephone Number that is reserved but has no customer record.

C. EXPECTED RESULTS:

SMS/800 responds:

The RSP-RCH is returned with a term_rept of COMPLD and error_code of 00.

D. COMMENTS:

Successful Response.

Test Case # 402 REQ-RCH Request On Transitional Number

A. PURPOSE:

Send an REQ-RCH on a transitional number.

B. TEST PROCEDURE:

The OS:

Send an REQ-RCH that contains a DIAL Telephone Number that is in transitional state.

C. EXPECTED RESULTS:

SMS/800 responds:

The RSP-RCH is returned with a term_rept of COMPLD and error_code of 00.

D. COMMENTS:

Successful Response. Run the test case with DIAL Telephone Numbers that are disconnected, Suspended, Assigned state (i.e., has a pending customer record).

Test Case # 403 REQ-RCH On An Existing Segment in CANCEL status**A. PURPOSE:**

Send an REQ-RCH on a change request that has a status of CANCEL, the number can be re-opened.

B. TEST PROCEDURE:

The OS:

Send an REQ-RCH that contains a DIAL Telephone Number that has a status of CANCEL on the TCR screen. Note the Expected Results RSP-RCH.

SMS/800:

On the online system, access the TCR screen and verify that the status of the DIAL number has been set to REOPEN.

C. EXPECTED RESULTS:

SMS/800 responds:

The REQ-RCH can be created, saved and sent. A RSP-RCH is returned with a term_rept of COMPLD and error_code of 00.

The status of the DIAL number on the TCR screen is REOPEN.

D. COMMENTS:

Successful response.

16.2 REPT-ROC/RSP-ROC TEST CASES

The format for REPT-ROC message is:

REPT-ROC:,date,time:::ID=id,RO=ro:QT=qt:NUM=num:CNT1=cnt1:WHY=why;

The format for successful RSP-ROC message is:

RSP-ROC:,date,time:::COMPLD,00::ID=id,RO=ro:QT=qt:NUM=num;

The format for partially successful RSP-ROC message is:

RSP-ROC:,date,time:::COMPLD,11::ID=id,RO=ro:QT=qt:NUM=num:
CNT=cnt:ENUM=enum,ERR=err,VERR=verr;

The format for unsuccessful RSP-ROC message is:

RSP-ROC:,date,time:::DENIED,01::ID=id,RO=ro:QT=qt:NUM=num:
CNT=cnt:ENUM=enum,ERR=err,VERR=verr;

Test Case # 404 REPT-ROC With Invalid Quantity

A. PURPOSE:

When an REPT-ROC is sent that has an invalid Quantity (QT) parameter, a RSP-ROC is returned as an unsuccessful response.

B. TEST PROCEDURE:

The OS:

Send a REPT-ROC that has an invalid QT parameter.

C. EXPECTED RESULTS:

SMS/800 responds:

The RSP-ROC is returned with a term_rept of DENIED, error_code of 01, and ERR=10.

D. COMMENTS:

Unsuccessful response.

Test Case # 405 REPT-ROC With Invalid Dial Telephone Number

A. PURPOSE:

When an REPT-ROC is sent that has an invalid Dial Telephone Number (NUM) parameter, a RSP-ROC is returned as an unsuccessful response.

B. TEST PROCEDURE:

The OS:

Send a REPT-ROC that has an invalid NUM parameter.

C. EXPECTED RESULTS:

SMS/800 responds:

The RSP-ROC is returned with a term_rept of DENIED, error_code of 01, and ERR=09.

D. COMMENTS:

Unsuccessful response.

Test Case # 406 REPT-ROC with Quantity Greater Than 48

A. PURPOSE:

When an REPT-ROC is sent that has 48 DIAL Telephone Numbers on it but the QT parameter contains 49 (QT=49), then a RSP-ROC is returned as an unsuccessful response.

B. TEST PROCEDURE:

The OS:

Send a REPT-ROC that QT=49 and 48 NUM parameters.

C. EXPECTED RESULTS:

SMS/800 responds:

The RSP-ROC is returned with a term_rept of DENIED, error_code of 01, and ERR=10.

D. COMMENTS:

Unsuccessful response.

Test Case # 407 REPT-ROC For 13 Dial Telephone Numbers

A. PURPOSE:

When an REPT-ROC is sent on 13 DIAL Telephone Numbers, then a RSP-ROC is returned as a successful response.

B. TEST PROCEDURE:

The OS:

Send a REPT-ROC that is for 13 DIAL Telephone Numbers.

C. EXPECTED RESULTS:

SMS/800 responds:

The REPT-ROC can be created, saved and sent and a RSP-ROC is returned with a term_rept of COMPLD and error_code of 00.

D. COMMENTS:

Successful response.

Test Case # 408 REPT-ROC Request That Span Multiple NPAs**A. PURPOSE:**

When an REPT-ROC is sent on 3 DIAL Telephone Numbers that span multiple NPAs, then a RSP-ROC is returned as a successful response.

B. TEST PROCEDURE:

The OS:

Send an REPT-ROC that is for 3 DIAL Telephone Numbers, one in NPA 800, one in NPA 888, and one in NPA 877. There must be an existing change request in the data base for each specified DIAL#'(s) with the request status of OPEN or REOPEN.

C. EXPECTED RESULTS:

SMS/800 responds:

The RSP-ROC is returned with a term_rept of COMPLD and error_code of 00.

D. COMMENTS:

Successful response.

Test Case # 409 Non-Existent Reason Code

A. PURPOSE:

Deny a Resp Org Change Request that has a OPEN or REOPEN status with a reason code that does not exist in the RRC table.

B. TEST PROCEDURE:

The OS:

Using the REPT-ROC message, deny a Resp Org Change Request that has a OPEN or REOPEN status with a reason code that does not exist in the RRC table.

C. EXPECTED RESULTS:

SMS/800 responds:

System returns denied response DENIED,01 with an ERR of 07.

No UNS-RRO is generated.

D. COMMENTS:

Unsuccessful response.

Test Case # 410 Reason Code with Alpha and Numeric Values

A. PURPOSE:

Reason code has numeric and alpha combination (1Y)

B. TEST PROCEDURE:

The OS:

Using the REPT-ROC message, deny a Resp Org Change Request that has an OPEN or REOPEN status with a reason code that has 1Y in the RRC table.

C. EXPECTED RESULTS:

SMS/800 responds:

System returns a RSP-ROC message with a COMPLD,00 that denial was accepted.

UNS-RRO message is generated.

D. COMMENTS:

Successful response.

Test Case # 411 Valid and Invalid Reason Codes

A. PURPOSE:

Use a combination of valid and invalid reason codes.

B. TEST PROCEDURE:

The OS:

Using the REPT-ROC message, deny a Resp Org Change Request that has an OPEN or REOPEN status for two numbers. One number has a valid reason code in the RRC table and one number has an invalid reason code.

C. EXPECTED RESULTS:

SMS/800 responds:

System returns a RSP-ROC message with a COMPLD,11 that denial was partially accepted.

UNS-RRO message is generated for the number that has a valid reason code only.

D. COMMENTS:

Partial completion

Test Case # 412 Reason Code with Special Characters

A. PURPOSE:

Use an entry that is the reason code with a special character.

B. TEST PROCEDURE:

The OS:

Using the REPT-ROC message, deny a Resp Org Change Request that has an OPEN or REOPEN status with a reason that has a special character.

C. EXPECTED RESULTS:

SMS/800 responds:

System will return a RSP-ROC message with a DENIED,01 with an ERR of 07.

No UNS-RRO message is generated.

D. COMMENTS:

Unsuccessful response

Test Case # 413 Reason Code when CNT1 is Missing**A. PURPOSE:**

Test REPT-ROC message which CNT1 tag is missing.

B. TEST PROCEDURE:

The OS:

1. Using the following REPT-ROC message with **one reject reason code**, attempt to deny a Resp Org Change Request that has Open or Reopen status.

REPT-ROC:,date,time::::ID=id, RO=ro:QT=qt:NUM=num:WHY="why";

2. Using the following REPT-ROC message with **multiple reject reason codes**, attempt to deny a Resp Org Change Request that has Open or Reopen status.

REPT-ROC:,date,time::::ID=id,RO=ro:QT=qt:NUM=num:WHY="why":
WHY="why":WHY="why":WHY="why":WHY="why";

C. EXPECTED RESULTS:

SMS/800 responds:

1. The response message RSP-ROC is returned with DENIED 01 of ERR=02.

RSP-ROC:,date,time:::DENIED,01::ID=id,RO=ro:QT=qt:NUM=num:CNT=cnt:
ENUM=enum,ERR=02,VERR=verr;

2. The response message RSP-ROC is returned with DENIED 01 of ERR=02.

RSP-ROC:,date,time:::DENIED,01::ID=id,RO=ro:QT=qt:NUM=num:
CNT=cnt:ENUM=enum,ERR=02,VERR=verr;

C. COMMENTS:

Unsuccessful responses

Test Case # 414 Reason Code when CNT1 differs WHY Tags**A. PURPOSE:**

Test REPT-ROC message when the value of CNT1 tag does not match number of WHY tags.

B. TEST PROCEDURE:

The OS:

1. Using the following REPT-ROC message with multiple reject reason codes, attempt to deny a Resp Org Change Request that has Open or Reopen status. **The value of CNT1 tag is less than number of WHY tags.**

REPT-ROC:,date,time::::ID=id,RO=ro:QT=qt:NUM=num:CNT1=04:
WHY="why":WHY="why":WHY="why":WHY="why":WHY="why":

2. Using the following REPT-ROC message with multiple reject reason codes, attempt to deny a Resp Org Change Request that has Open or Reopen status. **The value of CNT1 tag is larger than number of WHY tags.**

REPT-ROC:,date,time::::ID=id,RO=ro:QT=qt:NUM=num:CNT1=06:WHY="why":
WHY="why":WHY="why":WHY="why":WHY="why":

C. EXPECTED RESULTS:

SMS/800 responds:

1. The response message RSP-ROC is returned with DENIED 01 of ERR=15.

RSP-ROC:,date,time:::DENIED,01::ID=id,RO=ro:QT=qt:NUM=num:CNT=cnt:
ENUM=enum,ERR=15,VERR=verr;

2. The response message RSP-ROC is returned with DENIED 01 of ERR=15.

RSP-ROC:,date,time:::DENIED,01::ID=id,RO=ro:QT=qt:NUM=num:CNT=cnt:
ENUM=enum,ERR=15,VERR=verr;

C. COMMENTS:

Unsuccessful responses

Test Case # 415 Reason Code when CNT1s match WHY Tags**A. PURPOSE:**

Successful deny of RO change request for multiple Dial#s in different NPAs. All multiple reason codes per Dial# are in the RRC table and the values of the CNT1 tag match the WHY tags.

B. TEST PROCEDURE:

The OS:

Using the following REPT-ROC message with multiple reject reason codes, attempt to deny a Resp Org Change Request that contains multiple Dial#s (**N Dial numbers in different NPAs. Assume N=15**). These numbers have Open or Reopen statuses.

```
REPT-ROC:,date,time::::ID=id,RO=ro:QT=qt:NUM=num1:CNT1=05:WHY="why":  
WHY="why":WHY="why":WHY="why":WHY="why":NUM=num2:CNT1=01:  
WHY="why":.....:NUM=num15:CNT1=03:WHY="why":WHY="why":WHY="why":
```

C. EXPECTED RESULTS:

SMS/800 responds:

1. The response message RSP-ROC is returned with COMPLD 00.

```
RSP-ROC:,date,time:::COMPLD,00::ID=id,RO=ro:QT=qt:NUM=num1:NUM=num2:  
NUM=num3:.....:NUM=num15;
```

2. The UNS-RRO message is successfully received by the requesting Resp Org.

```
UNS-RRO:,date,time::::RO=ro,CRO=cro:QT=qt:NUM=num1:CNT1=05:WHY="why":  
WHY="why":WHY="why":WHY="why":WHY="why":NUM=num2:CNT1=01:  
WHY="why":.....:NUM=num15:CNT1=03:WHY="why":WHY="why":WHY="why":
```

C. COMMENTS:

Successful responses

Test Case # 416 Duplicate WHY Tags**A. PURPOSE:**

Test REPT-ROC message which two of the WHY tag values are duplicate.

B. TEST PROCEDURE:

The OS:

Using the following REPT-ROC message with multiple reject reason codes, attempt to deny a Resp Org Change Request that has Open or Reopen status. **Reason code “02” appears twice in the WHY tags.**

```
REPT-ROC:,date,time::::ID=id,RO=ro:QT=qt:NUM=num:CNT1=05:  
WHY="why":WHY="02":WHY="why":WHY="02":WHY="why":
```

C. EXPECTED RESULTS:

SMS/800 responds:

The response message RSP-ROC is returned with DENIED 01of ERR=16.

```
RSP-ROC:,date,time:::DENIED,01::ID=id,RO=ro:QT=qt:NUM=num:CNT=cnt:  
ENUM=enum,ERR=16,VERR=verr;
```

D. COMMENTS:

Unsuccessful response

Test Case # 417 CNT1 less than 1 or larger than 10**A. PURPOSE:**

Successful deny of RO change request for multiple Dial#s in the different NPAs. All multiple reason codes per Dial# are in the RRC table and one of the CNT1 tag is less than 1 or larger than 10.

B. TEST PROCEDURE:

The OS:

- Using the following REPT-ROC message with multiple reject reason codes, attempt to deny a Resp Org Change Request that contains multiple Dial#s (**N Dial numbers in different NPAs. Assume N=30**). These numbers have Open or Reopen statuses. **One CNT1 has value 00**.

```
REPT-ROC:,date,time::::ID=id,RO=ro:QT=qt:NUM=num1:CNT1=05:  
WHY="why":WHY="why":WHY="why":WHY="why":WHY="why":  
NUM=num2:CNT1=02:WHY="why":.....:NUM=num30:CNT1=00;
```

- Using the following REPT-ROC message with multiple reject reason codes, attempt to deny a Resp Org Change Request that contains multiple Dial#s (**N Dial numbers in different NPAs. Assume N=40**). These numbers have Open or Reopen statuses. **One CNT1 has value 11**.

```
REPT-ROC:,date,time::::ID=id,RO=ro:QT=qt:NUM=num1:CNT1=05:  
WHY="why":WHY="why":WHY="why":WHY="why":WHY="why":  
NUM=num2:CNT1=02:WHY="why":.....:NUM=num40:CNT1=11;
```

C. EXPECTED RESULTS:

Response for CNT less than 1:

- The response message RSP-ROC is returned with COMPLD 11.
- ```
RSP-ROC:,date,time:::COMPLD,11::ID=id,RO=ro:QT=qt:NUM=num1:
NUM=num2:.....:NUM=num29:CNT=cnt:ENUM=num30,ERR=15,VERR=verr;
```
- The UNS-RRO message is successfully received by the requesting Resp Org.

```
UNS-RRO:,date,time::::RO=ro,CRO=cro:QT=qt:NUM=num1:CNT1=05:
WHY="why":WHY="why":WHY="why":WHY="why":WHY="why":
NUM=num2:CNT1=01:WHY="why":.....:NUM=num29:CNT1=cnt29:
WHY="why":.....:WHY="why";
```

Response for CNT larger than 10:

- The response message RSP-ROC is returned with COMPLD 11.
- ```
RSP-ROC:,date,time:::COMPLD,11::ID=id,RO=ro:QT=qt:NUM=num1:  
NUM=num2:.....:NUM=num39:CNT=cnt:ENUM=num40,ERR=15,VERR=verr;
```
- The UNS-RRO message is successfully received by the requesting Resp Org.
- ```
UNS-RRO:,date,time::::RO=ro,CRO=cro:QT=qt:NUM=num1:CNT1=05:WHY="why":
WHY="why":WHY="why":WHY="why":WHY="why":NUM=num2:CNT1=01:
WHY="why":.....:NUM=num39:CNT1=cnt39:WHY="why":.....:WHY="why";
```

**D. COMMENTS:**

Successful responses

## 16.3 UNS-CRO and UNS-RRO TEST CASES

The format of the UNS-CRO message:

```
UNS-CRO:,date,time:::::RO=ro,AC=ac,REQRO=reqro,QT=2:NUM=num,
PDD=pdd,CNAME=cname,ADD=add,CCON=ccon,CCTEL=cctel,DATE=date,RN=rn;
```

The format of the UNS-RRO message:

```
UNS-RRO:,date,time:::::RO=ro,CRO=cro:QT=qt:NUM=num:CNT1=cnt1:WHY=why;
```

### Test Case # 418     UNS-CRO Sent When MGII Request Is Made - GUN set

#### A. PURPOSE:

Verifies that an UNS-CRO message is sent to all CLLIs listed on the GUN Screen when an MGII Electronic Resp Org request is made. In this case, the Electronic Resp Org request entered will contain 4 DIAL telephone numbers where 2 DIAL telephone numbers belong to losing Resp Org A and 2 to losing Resp Org B. Also each losing Resp Org has one CLLI listed on the GUN Screen.

#### B. TEST PROCEDURE:

The OS:

Send an REQ-RCH where AC=R by the gaining Resp Org.

```
REQ-RCH:,date,time:::::ID=id,RO=ro,AC=R:QT=4:NUM=num1,PDD=pdd,
CNAME=cname,ADD=add,CCON=ccon,CCTEL=cctel,DATE=date,RN=rn:NUM=num2,PDD=pdd,
CNAME=cname,ADD=add,CCON=ccon,CCTEL=cctel,DATE=date,RN=rn:NUM=num3,PDD=pdd,
CNAME=cname,ADD=add,CCON=ccon,CCTEL=cctel,DATE=date,RN=rn:NUM=num4,PDD=pdd,
CNAME=cname,ADD=add,CCON=ccon,CCTEL=cctel,DATE=date,RN=rn;
```

#### C. EXPECTED RESULTS:

SMS/800 responds:

```
RSP-RCH:,date,time::::COMPLD,00::ID=id,RO=gainingrO:QT=04:NUM=num1,
CRO=resporga:NUM=num2,CRO=resporga:NUM=num3,CRO=resporgb: NUM=num4,CRO=resporgb;
```

The UNS-CRO to each CLLI of losing Resp Org A is:

```
UNS-CRO:,date,time:::::RO=resporga,AC=R,REQRO=gainingro,QT=2: NUM=num1,
PDD=pdd,CNAME=cname,ADD=add,CCON=ccon,CCTEL=cctel,DATE=date,RN=rn:NUM=num2,
PDD=pdd,CNAME=cname,ADD=add,CCON=ccon,CCTEL=cctel,DATE=date,RN=rn;
```

The UNS-CRO to each CLLI of losing Resp Org B is:

```
UNS-CRO:,date,time:::::RO=resporgb,AC=R,REQRO=gainingro,QT=2:NUM=num1,
PDD=pdd,CNAME=cname,ADD=add,CCON=ccon,CCTEL=cctel,DATE=date,RN=rn:NUM=num2,
PDD=pdd,CNAME=cname,ADD=add,CCON=ccon,CCTEL=cctel,DATE=date,RN=rn;
```

#### D. COMMENTS:

The OS and SMS/800 Testers should verify that the UNS-CRO messages went to the CLLI's set on the GUN screen.

**Test Case # 419 UNS-RRO Sent, MGI Request Made, Denial Via Online****A. PURPOSE:**

Verifies that if a MGI request has been made by Resp Org A that the losing Resp Org B can make a denial online and an UNS-RRO is generated to Resp Org A.

**B. TEST PROCEDURE**

Resp Org A sends a REQ-RCH to request 3 DIAL#'s from Resp Org B.

Resp Org B, who is an online user, accesses the TCR screen and sees three open requests made by Resp Org A, denies the 3 DIAL Numbers.

**C. EXPECTED RESULTS:**

SMS/800 responds:

A response to Resp Org A which is an MGI user with RSP-RCH with COMPLD,00 as result of REQ-RCH and

An UNS-RRO to Resp Org A:

```
UNS-RRO:,date,time:::::RO=resporga,CRO=resporgb:QT=3:NUM=num1:CNT1=03:
WHY="02":WHY="01":WHY="09":NUM=num2:CNT1=02:WHY="AA":WHY="BB":NUM=num3:
CNT1=02:WHY="09":WHY="AA";
```

**D. COMMENTS:**

The OS and SMS/800 Testers should verify that the UNS-RRO message went to the CLLI's set on the GUN screen. Note SMS/800 Tester will act as Resp Org B to get the required results.

## 17. QUERY HIGH PRIORITY CR UPDATE AND TEMPLATE LIMITS

REQ-GSL is used for Request high priority CR Update Limits parameters as well as for the Template Allocation Limits parameters. If your company do not implement Template feature ignore the tags TRCMand TRCR

Request high priority CR update and Template allocation System Limits message format:

REQ-GSL:,date, time::::ID=id,RO=ro,CREN=cren;

Successful Response:

RSP-GSL:,date,  
time:::COMPLD,00::ID=id,RO=ro,CREN=cren,HCRUM=hcrum,HCRUR=hcrur,TRCM=trcm,TRCR=trc  
r

Failed Response:

RSP-GSL:,date, time::::DENIED,01::ID=id,RO=ro,CNT=cnt: ERR=err,VERR=verr;

## **Test Case # 420      Successful REQ-GSL**

### **A. PURPOSE:**

Send an REQ-GSL to request for the High Priority CR Update and Template Allocation System Limits.

### **B. TEST PROCEDURE:**

The OS:

Request for the current high priority CR update system limits for the Entity in which the Resp Org user has the authorization to issue the high priority CR update as well as the Template Allocation system limits.

### **C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-GSL is returned with a term\_rept of COMPLD and error\_code of 00 with allowable maximum and remaining numbers.

### **D. COMMENTS:**

Successful response.

## **Test Case # 421      Unsuccessful REQ-GSL Permission Denied**

### **A. PURPOSE:**

Send an REQ-GSL to request for the High Priority CR Update and Template Allocation System Limits.

### **B. TEST PROCEDURE:**

The OS:

Request for the current high priority CR update system limits for the Entity in which the Resp Org user has no authorization to issue the CR update as well as the Template Allocation limits.

### **C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-GSL is returned with a term\_rept of DENIED and error\_code of 01 with ERR=07.

### **D. COMMENTS:**

Consult with Help Desk to add GSA or MS table entry in the system.

## **Test Case # 422      Unsuccessful REQ-GSL Invalid Resp Org**

### **A. PURPOSE:**

Send an REQ-GSL to request for the High Priority CR Update and Template Allocation System Limits.

### **B. TEST PROCEDURE:**

The OS:

Request for the current high priority CR update system limits for a valid Entity, using a Resp Org that is in correct format but not in the ORG table.

### **C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-GSL is returned with a term\_rept of DENIED and error\_code of 01 with ERR=06.

### **D. COMMENTS:**

Consult with Help Desk to enter your Resp Org into ORG table in the system.

## **Test Case # 423      Unsuccessful REQ-GSL Invalid Entity**

### **A. PURPOSE:**

Send an REQ-GSL to request for the High Priority CR Update and Template Allocation System Limits.

### **B. TEST PROCEDURE:**

The OS:

Request for the current high priority CR update system limits for an Entity code that doesn't exist in ORG table.

### **C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-GSL is returned with a term\_rept of DENIED and error\_code of 01 with ERR=11.

### **D. COMMENTS:**

Consult with Help Desk to enter your Entity into the system.

## 18. HIGH PRIORITY UPDATE TEST CASES

### 18.1 High Priority Update Simple Record Test Cases

REQ-CRA:,date,time::::ID=id,RO=ro,AC=ac,NUM=num,ED=today or  
now,ET=et,PRIORITY=H,INTERC=interc,INTRAC=intrac,ABN=abn,DAU=dau,DAT=dat,LI=li,RAO=r  
ao,SO=so,TELCO=telco,LA=la,NCON=ncon,CTEL=ctel,NOTE=notes:CNT6=01:ANET=anet:CNT8=01  
:LN=ln:CNT9=001:TEL=tel,LSO=lso,LNS=lns;

Successful response format:

RSP-CRA:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=today or  
now,ET=et,HCRUR=hcrur,CREN=cren;

Unsuccessful response format:

RSP-CRA:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,ED=ed,ET=et:  
CNT=cnt:ERR=err,VERR=verr;

Partial successful response format:

RSP-CRA:,date,time:::DENIED,10::ID=id,RO=ro,NUM=num,ED=ed,ET=et,  
HCRUR=hcrur,CREN=cren:CNT=cnt:ERR=err,VERR=verr;

Successful response with warning format:

RSP-CRA:,date,time:::COMPLD,11::ID=id,RO=ro,NUM=num,ED=ed,ET=et,  
HCRUR=hcrur,CREN=cren:CNTA=cnta:ERR1=err;

**Test Case # 424      Successful Create Simple Record High CRU****A. PURPOSE:**

Send an REQ-CRA to request for creating a simple record using the High Priority CR Update.

**B. TEST PROCEDURE:**

The OS sends a REQ-CRA to create a new connect simple customer record.

REQ-CRA:,date,time:::::ID=id,RO=ro,AC=N,NUM=num,ED=today or  
now,ET=et,PRIORITY=H,INTERC=interc,INTRAC=intrac,SO=so:CNT6=cnt6:ANET=anet:\_CNT8=  
cnt8:LN=ln:CNT9=cnt9:TEL=tel,LNS=lns,CITY=city,LSO=lso;

**C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-CRA is returned with a term\_rept of COMPLD and error\_code of 00 with the remaining number.

**D. COMMENTS:**

Successful response.

**Test Case # 425      Successful Change Simple Record High CRU****A. PURPOSE:**

Send an REQ-CRA to request for changing Resp Org a simple record using the High Priority CR Update. Note that the ED must be NOW for changing Resp Org.

**B. TEST PROCEDURE:**

The OS sends a REQ-CRA to change a simple customer record.

REQ-  
CRA:,date,time::::ID=id,RO=ro,AC=C,NUM=num,ED="NOW",ET=et,PRIORITY=H,  
NEWRO=newro;

**C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-CRA is returned with a term\_rept of COMPLD and error\_code of 00 with the remaining number.

**D. COMMENTS:**

Successful response. The new or/and old Resp Org may receive a mail message about the Resp Org change depending on the GUN and ORC screen setups.

## **Test Case # 426      Successful Transfer Simple Record High CRU**

### **A. PURPOSE:**

Send an REQ-CRA to request for transferring a simple record using the High Priority CR Update.

### **B. TEST PROCEDURE:**

The OS sends a REQ-CRA to transfer a simple customer record.

REQ-CRA:,date,time:::::ID=id,RO=ro,AC=T,NUM=num,ED=today or now,ET=et,PRIORITY=H;

### **C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-CRA is returned with a term\_rept of COMPLD and error\_code of 00 with the remaining number.

### **D. COMMENTS:**

Successful response.

## **Test Case # 427      Successful Disconnect Simple Record High CRU**

### **A. PURPOSE:**

Send an REQ-CRA to request for disconnecting a simple record using the High Priority CR Update.

### **B. TEST PROCEDURE:**

The OS sends a REQ-CRA to disconnect a simple customer record.

REQ-CRA:,date,time:::::ID=id,RO=ro,AC=D,NUM=num,ED=today or  
now,ET=et,PRIORITY=H,REFER=refer,EINT=eint;

### **C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-CRA is returned with a term\_rept of COMPLD and error\_code of 00 with the remaining number.

### **D. COMMENTS:**

Successful response.

**Test Case # 428      Successful with Warning Simple Record High CRU****A. PURPOSE:**

Send an REQ-CRA to request for changing a simple record using the High Priority CR Update.

**B. TEST PROCEDURE:**

The OS sends a REQ-CRA to change a simple customer record.

REQ-CRA:,date,time:::::ID=id,RO=ro,AC=C,NUM=num,ED=today or  
now,ET=et,PRIORITY=H,INTERC=interc;

**C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-CRA is returned with a term\_rept of COMPLD and error\_code of 11 with the remaining number and the warning error code.

**D. COMMENTS:**

Partial successful response. Another record is created with a warning such as record approval required by the CIC prior to the record effective date and time.

## **Test Case # 429      Partial Successful Simple Record High CRU**

### **A. PURPOSE:**

Send an REQ-CRA to request for changing a simple record using the High Priority CR Update.

### **B. TEST PROCEDURE:**

The OS sends a REQ-CRA to change a simple customer record.

REQ-CRA:,date,time:::::ID=id,RO=ro,AC=C,NUM=num,ED=today or  
now,ET=et,PRIORITY=H,NOTE=note:CNT6=cnt6:ANET=anet:ANET=anet;

### **C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-CRA is returned with a term\_rept of DENIED and error\_code of 10 with the remaining number and the error code.

### **D. COMMENTS:**

Partial successful response. The record is in invalid status.

**Test Case # 430      Unsuccessful Simple Record High CRU****A. PURPOSE:**

Send an REQ-CRA to request for transferring a simple record using the High Priority CR Update when target record exists.

**B. TEST PROCEDURE:**

The OS sends a REQ-CRA to transfer a simple customer record.

REQ-CRA:,date,time::::ID=id,RO=ro,AC=T,NUM=num,ED=now,ET=et,PRIORITY=H;

**C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-CRA is returned with a term\_rept of DENIED and error\_code of 01 with the remaining number (no change) and the error code=10.

**D. COMMENTS:**

Unsuccessful response.

**Test Case # 431      Unsuccessful Simple Record High CRU When Limit Exceeds****A. PURPOSE:**

Send an REQ-CRA to request for creating a simple record using the High Priority CR Update when the limit exceeds.

**B. TEST PROCEDURE:**

The OS sends a REQ-CRA to create a simple customer record.

REQ-CRA:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED=today or  
now,ET=et,PRIORITY=H,INTERC=interc,INTRAC=intrac,SO=so:CNT6=cnt6:ANET=anet:CNT8  
=cnt8:LN=ln:CNT9=cnt9:TEL=tel,LNS=lns,CITY=city,LSO=lso;

**C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-CRA is returned with a term\_rept of DENIED and error\_code of 01 with the remaining number (no change) and the error code=92.

**D. COMMENTS:**

Unsuccessful response.

**Test Case # 432      Unsuccessful Simple Record High CRU with Invalid ED****A. PURPOSE:**

Send an REQ-CRA to request for creating a simple record using the High Priority CR Update when the Effective Date is not today or now.

**B. TEST PROCEDURE:**

The OS sends a REQ-CRA to create a simple customer record.

REQ-CRA:,date,time:::::ID=id,RO=ro,AC=N,NUM=num,ED=ed,ET=et,

PRIORITY=H,INTERC=interc,INTRAC=intrac,SO=so:CNT6=cnt6:ANET=anet:CNT8=cnt8:LN=ln:CNT9=cnt9:TEL=tel,LNS=lns,CITY=city,LSO=lso;

**C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-CRA is returned with a term\_rept of DENIED and error\_code of 01 with the remaining number (no change) and the error code=92.

**D. COMMENTS:**

Unsuccessful response.

**Test Case # 433      Unsuccessful Simple Record High CRU When ID Not Listed****A. PURPOSE:**

Send an REQ-CRA to request for creating a simple record using the High Priority CR Update when the user ID is not listed to allow High CRU process.

**B. TEST PROCEDURE:**

The OS sends a REQ-CRA to create a simple customer record.

REQ-CRA:,date,time:::::ID=id,RO=ro,AC=N,NUM=num,ED=ed,ET=et,

PRIORITY=H,INTERC=interc,INTRAC=intrac,SO=so:CNT6=cnt6:ANET=anet:CNT8=cnt8:LN=ln:CNT9=cnt9:TEL=tel,LNS=lns,CITY=city,LSO=lso;

**C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-CRA is returned with a term\_rept of DENIED and error\_code of 01 with the remaining number (no change) and the error code=92.

**D. COMMENTS:**

Unsuccessful response. Consult with Help Desk to add your user ID into HP table.

## 18.2 High Priority Update Complex Record Test Cases

REQ-CRC:,date,time::::ID=id,RO=ro,AC=ac,NUM=num,ED=today or  
now,SEFD=sefd,PRIORITY=H:IEC=iec:IAC=iac:  
SO=so,RAO=rao,ABN=abn,TELCO=telco,NEWRO=newro,LA=la,NCON=ncon,CTEL=ctel:  
ALBL=albl:AAC=aac:CNT8=cnt8:LN=ln:CNT9=cnt9: TEL=tel,LNS=lns,LSO=lso,CITY=city,FSO=fso:  
NODE="CNT10=cnt10:CNT11=cnt11:V=v1.c: V=v2.c: V=v3.c:.....  
:V=vr.c:PEC=pec,PAC=pac,Z=z,DS=ds:CNT12=cnt12:TYPE=type,LBL=lbl,SORT=sort,DEF=def;

Successful response format:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=today or  
now,ET=et,HCRUR=hcrur,CREN=cren;

Unsuccessful response format:

RSP-CRC:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,ED=ed,ET=et:  
CNT=cnt:ERR=err,VERR=verr;

Partial successful response format:

RSP-CRC:,date,time:::DENIED,10::ID=id,RO=ro,NUM=num,ED=ed,ET=et,  
HCRUR=hcrur,CREN=cren:CNT=cnt:ERR=err,VERR=verr;

Successful response with warning format:

RSP-CRC:,date,time:::COMPLD,11::ID=id,RO=ro,NUM=num,ED=ed,ET=et,  
HCRUR=hcrur,CREN=cren:CNTA=cnta:ERR1=err;

**Test Case # 434      Successful Create Complex Record High CRU****A. PURPOSE:**

Send an REQ-CRC to request for creating a complex record using the High Priority CR Update.

**B. TEST PROCEDURE:**

The OS sends a REQ-CRC to create a new connect complex customer record.

REQ-CRC:,date,time:::::ID=id,RO=ro,AC=ac,NUM=num,ED=today or  
now,SEFD=sefd,PRIORITY=H:IEC=iec:IAC=iac:  
SO=so,RAO=rao,ABN=abn,TELCO=telco,NEWRO=newro,LA=la,NCON=ncon,CTEL=ctel:  
ALBL=albl:AAC=aac:CNT8=cnt8:LN=ln:CNT9=cnt9:  
TEL=tel,LNS=lns,LSO=lso,CITY=city,FSO=fso: NODE="CNT10=cnt10:CNT11=cnt11:V=v1.c:  
V=v2.c: V=v3.c:.....  
:V=vr.c:PEC=pec,PAC=pac,Z=z,DS=ds:CNT12=cnt12:TYPE=type,LBL=lbl,SORT=sort,DEF=def;

**C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-CRC is returned with a term\_rept of COMPLD and error\_code of 00 with the remaining number.

**D. COMMENTS:**

Successful response.

**Test Case # 435      Successful Change Complex Record High CRU****A. PURPOSE:**

Send an REQ-CRC to request for changing Resp Org on a complex record using the High Priority CR Update. ED must be NOW for Resp Org Change.

**B. TEST PROCEDURE:**

The OS sends a REQ-CRC to change a complex customer record.

REQ-  
CRC:,date,time:::ID=id,RO=ro,AC=C,NUM=num,ED="NOW",ET=et,PRIORITY=H,  
NEWRO=newro;

**C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-CRC is returned with a term\_rept of COMPLD and error\_code of 00 with the remaining number.

**D. COMMENTS:**

Successful response. The new or/and old Resp Org may receive a mail message about the Resp Org change depending on the GUN and ORC screen setups.

## **Test Case # 436      Successful Transfer Complex Record High CRU**

### **A. PURPOSE:**

Send an REQ-CRC to request for transferring a complex record using the High Priority CR Update.

### **B. TEST PROCEDURE:**

The OS sends a REQ-CRC to transfer a complex customer record.

REQ-CRC:,date,time:::::ID=id,RO=ro,AC=T,NUM=num,ED=today or now,ET=et,PRIORITY=H;

### **C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-CRC is returned with a term\_rept of COMPLD and error\_code of 00 with the remaining number.

### **D. COMMENTS:**

Successful response.

## **Test Case # 437      Successful Disconnect Complex Record High CRU**

### **A. PURPOSE:**

Send an REQ-CRC to request for disconnecting a complex record using the High Priority CR Update.

### **B. TEST PROCEDURE:**

The OS sends a REQ-CRC to disconnect a complex customer record.

REQ-CRC:,date,time:::::ID=id,RO=ro,AC=D,NUM=num,ED=today or  
now,ET=et,PRIORITY=H,REFER=refer,EINT=eint;

### **C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-CRC is returned with a term\_rept of COMPLD and error\_code of 00 with the remaining number.

### **D. COMMENTS:**

Successful response.

**Test Case # 438      Successful with Warning Complex Record High CRU****A. PURPOSE:**

Send an REQ-CRC to request for changing a complex record using the High Priority CR Update.

**B. TEST PROCEDURE:**

The OS sends a REQ-CRC to change a complex customer record.

REQ-CRC:,date,time:::::ID=id,RO=ro,AC=C,NUM=num,ED=today or  
now,ET=et,PRIORITY=H,INTERC=interc;

**C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-CRC is returned with a term\_rept of COMPLD and error\_code of 11 with the remaining number and the warning error code.

**D. COMMENTS:**

Partial successful response. Another record is created with a warning such as record approval required by the CIC prior to the record effective date and time.

**Test Case # 439      Partial Successful Complex Record High CRU****A. PURPOSE:**

Send an REQ-CRC to request for changing a complex record using the High Priority CR Update where there are duplicate CPR lines.

**B. TEST PROCEDURE:**

The OS sends a REQ-CRC to change a complex customer record.

REQ-CRC:,date,time:::::ID=id,RO=ro,AC=C,NUM=num,ED=today or now,ET=et,PRIORITY=H,NOTE=note:V=v1.c:V=v1.c;

**C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-CRC is returned with a term\_rept of DENIED and error\_code of 10 with the error code=4717.

**D. COMMENTS:**

Partial successful response. The record is in invalid status.

**Test Case # 440      Unsuccessful Complex Record High CRU****A. PURPOSE:**

Send an REQ-CRC to request for transferring a complex record using the High Priority CR Update when target record exists.

**B. TEST PROCEDURE:**

The OS sends a REQ-CRC to transfer a complex customer record.

REQ-CRC:,date,time::::ID=id,RO=ro,AC=T,NUM=num,ED=now,ET=et,PRIORITY=H;

**C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-CRC is returned with a term\_rept of DENIED and error\_code of 01 with the remaining number (no change) and the error code=0308.

**D. COMMENTS:**

Unsuccessful response.

**Test Case # 441      Unsuccessful Complex Record High CRU When Limit Exceeds****A. PURPOSE:**

Send an REQ-CRC to request for creating a complex record using the High Priority CR Update when the limit exceeds.

**B. TEST PROCEDURE:**

The OS sends a REQ-CRC to create a complex customer record.

REQ-CRC:,date,time:::::ID=id,RO=ro,AC=ac,NUM=num,ED=today or  
now,SEFD=sefd,PRIORITY=H:IEC=iec:IAC=iac:  
SO=so,RAO=rao,ABN=abn,TELCO=telco,NEWRO=newro,LA=la,NCON=ncon,CTEL=ctel:  
ALBL=albl:AAC=aac:CNT8=cnt8:LN=ln:CNT9=cnt9:  
TEL=tel,LNS=lns,LSO=lso,CITY=city,FSO=fso: NODE="CNT10=cnt10:CNT11=cnt11:V=v1.c:  
V=v2.c: V=v3.c:.....  
:V=vr.c:PEC=pec,PAC=pac,Z=z,DS=ds:CNT12=cnt12:TYPE=type,LBL=lbl,SORT=sort,DEF=def;

**C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-CRC is returned with a term\_rept of DENIED and error\_code of 01 with the remaining number (no change) and the error code=7561.

**D. COMMENTS:**

Unsuccessful response.

**Test Case # 442      Unsuccessful Complex Record High CRU with Invalid ED****A. PURPOSE:**

Send an REQ-CRC to request for creating a complex record using the High Priority CR Update when the Effective Date is not today or now.

**B. TEST PROCEDURE:**

The OS sends a REQ-CRC to create a complex customer record.

REQ-CRC:,date,time::::ID=id,RO=ro,AC=ac,NUM=num,ED=ed,SEFD=sefd,  
PRIORITY=H:IEC=iec:IAC=iac:SO=so,RAO=rao,ABN=abn,TELCO=telco,NEWRO=newro,LA=l  
a,NCON=ncon,CTEL=ctel: ALBL=albl:AAC=aac:CNT8=cnt8:LN=ln:CNT9=cnt9:  
TEL=tel,LNS=lns,LSO=lso,CITY=city,FSO=fso: NODE="CNT10=cnt10:CNT11=cnt11:V=v1.c:  
V=v2.c: V=v3.c:.....  
:V=vr.c:PEC=pec,PAC=pac,Z=z,DS=ds:CNT12=cnt12:TYPE=type,LBL=lbl,SORT=sort,DEF=def;

**C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-CRC is returned with a term\_rept of DENIED and error\_code of 01 with the remaining number (no change) and the error code=7562.

**D. COMMENTS:**

Unsuccessful response.

**Test Case # 443      Unsuccessful Complex Record High CRU When ID Not Listed****A. PURPOSE:**

Send an REQ-CRC to request for creating a complex record using the High Priority CR Update when the user ID is not listed to allow High CRU process.

**B. TEST PROCEDURE:**

The OS sends a REQ-CRC to create a complex customer record.

REQ-CRC:,date,time:::::ID=id,RO=ro,AC=ac,NUM=num,ED=today or  
now,SEFD=sefd,PRIORITY=H:IEC=iec:IAC=iac:  
SO=so,RAO=rao,ABN=abn,TELCO=telco,NEWRO=newro,LA=la,NCON=ncon,CTEL=ctel:  
ALBL=albl:AAC=aac:CNT8=cnt8:LN=ln:CNT9=cnt9:  
TEL=tel,LNS=lns,LSO=lso,CITY=city,FSO=fso: NODE="CNT10=cnt10:\_CNT11=cnt11:V=v1.c:  
V=v2.c: V=v3.c:.....  
:V=vr.c:PEC=pec,PAC=pac,Z=z,DS=ds:CNT12=cnt12:TYPE=type,LBL=lbl,SORT=sort,DEF=def;

**C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-CRC is returned with a term\_rept of DENIED and error\_code of 01 with the remaining number (no change) and the error code=7563.

**D. COMMENTS:**

Unsuccessful response. Consult with Help Desk to add your user ID into HP table.

## 19. AUTOMATION TEST CASES

### 19.1 REQ-ASL and RSP-ASL TEST CASES

Request Automation System Limits message format:

REQ-ASL:,date, time:::ID=id,RO=ro;

Successful Response:

RSP-ASL:,date,  
time:::COMPLD,00::ID=id,RO=ro:MROL=mrol,MSPL=mspl,MDSL=mdsl,MNQL=mnql  
MCPL=mcpl

Failed Response:

RSP-ASL:,date, time:::DENIED,01::ID=id,RO=ro,CNT=cnt: ERR=err,VERR=verr;

## **Test Case # 448      Successful REQ-ASL**

### **A. PURPOSE:**

Send an REQ-ASL to request for the Automation System Limits.

### **B. TEST PROCEDURE:**

The OS:

Request for the current automation system limits for number of Dial Numbers in which the Resp Org can be changed to the same New Resp Org, Multi-Spare, Multi-Disconnect, Multi-Number Query, Multi-Customer Record Conversion.

### **C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-ASL is returned with a term\_rept of COMPLD and error\_code of 00.

### **D. COMMENTS:**

Successful response.

## **Test Case # 449      Unsuccessful REQ-ASL incorrect RO or ID**

### **A. PURPOSE:**

Send an REQ-ASL to request for the Automation System Limits by specifying the incorrect RO or ID tag in the request.

### **B. TEST PROCEDURE:**

The OS:

Request for the current automation system limits for number of Dial Numbers in which the Resp Org can be changed to the same New Resp Org, Multi-Spare, Multi-Disconnect, Multi-Number Query, Multi-Customer Record Conversion.

### **C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-ASL is returned with a term\_rept of DENIED and error\_code of 01.

### **D. COMMENTS:**

Unsuccessful response.

## **Test Case # 450 UNS-ASL Received for limit changes**

### **A. PURPOSE:**

The UNS-ASL is received whenever there is one or more changes for the Automation System Limits.

### **B. TEST PROCEDURE:**

There is Automation System Limits change in SMS/800.

### **C. EXPECTED RESULTS:**

SMS/800 responds:

The UNS-ASL is returned with changed limit(s).

### **D. COMMENTS:**

Coordinate with Help Desk/support to set the GUN entry in WBA.

## 19.2 MULTIPLE NUMBER RESP ORG CHANGE (MRO) TEST CASES

Request Multiple Number Resp Org Changes message format:

REQ-MRO:,date, time:::ID=id,RO=ro,NEWRO=newro:QT=qt:NUML=numl;

Successful Response:

RSP-MRO:,date, time:::COMPLD,00::ID=id,RO=ro,NEWRO=newro:QT=qt:NUML=numl;

Successful Response with warning:

RSP-MRO:,date,  
time:::COMPLD,10::ID=id,RO=ro,NEWRO=newro:QT=qt:NUML=numl:WCNT=wcnt:ERRV1=errv1(1),  
ERRV1=errv1(2),...,ERRV1=errv1(wcnt);

Partially Successful Response with Errors and/or Warnings:

RSP-MRO:,date,  
time:::COMPLD,11::ID=id,RO=ro,NEWRO=newro:QT=qt:NUML=numl:WCNT=wcnt:ERRV1=errv1(1),  
ERRV1=errv1(2),...,ERRV1=errv1(wcnt):ECNT=ecnt:ERRV=errv(1),ERRV=errv(2),...,ERRV=errv(ecnt  
);

Failed Response:

RSP-MRO:,date, time:::DENIED,01::ID=id,RO=ro,NEWRO=newro:ECNT=ecnt:  
ERRV=errv(1),ERRV=errv(2),...,ERRV=errv(ecnt);

**Test Case # 444    REQ-MRO containing 100 Dial Numbers (successful)****A. PURPOSE:**

Send a REQ-MRO containing 100 Dial Telephone Numbers (Multiple Number Resp Org change request). All Dial Numbers belong to the same Resp Org.

**B. TEST PROCEDURE:**

The OS:

Use 100 existing DIAL Telephone Numbers in the system, which belong to the requesting Resp Org, sends a REQ-MRO to request a mass Resp Org change to a New Resp Org in the same OS.

**C. EXPECTED RESULTS:**

SMS/800 responds:

RSP-MRO:,date,time:::COMPLD,00::ID=id,RO=ro,NEWRO=newro:

QT=100:NUML="num(1),num(2),.....,num(100)";

The RSP-MRO is returned with a term\_rept of COMPLD and error\_code of 00.

**D. COMMENTS:**

Prerequisite assumption - The number of Dial numbers must be within the system limits. Refer to REQ-ASL testcases in section 19.1.

**Test Case # 445    REQ-MRO containing 50 Dial Numbers (warning)****A. PURPOSE:**

Send an REQ-MRO containing 50 Dial Telephone Numbers (Multiple Number Resp Org change request). The records of the first dial number contains at least one in future pending status.

**B. TEST PROCEDURE:**

The OS:

Use 50 existing DIAL Telephone Numbers in the system, which belong to the requesting Resp Org, sends a REQ-MRO to request a mass Resp Org change to a New Resp Org.

**C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-MRO is returned with a term\_rept of COMPLD and error\_code of 10 with QT=50 and warning WCNT=00000001:ERRV1="51,1,num(1)";

Refer to the MGI Interface document SR-4592 for detail descriptions of subparameters of ERRV1 and ERRV.

**D. COMMENTS:**

Prerequisite assumption - The number of Dial numbers must be within the system limits. Refer to REQ-ASL testcases in section 19.1.

**Test Case # 446      REQ-MRO containing 80 Dial Numbers (partial)****A. PURPOSE:**

Send a REQ-MRO containing 80 Dial Telephone Numbers (Multiple Number Resp Org change request). The first Dial number of these 80 Dial Numbers belong to another Resp Org in another OS.

**B. TEST PROCEDURE:**

The OS:

Use 80 existing DIAL Telephone Numbers in the system, which belong to the requesting Resp Org, sends a REQ-MRO to request a mass Resp Org change to a New Resp Org in the same OS.

**C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-MRO is returned with a term\_rept of COMPLD and error\_code of 11 with QT=79 and ECNT=00000001:ERRV="07,1,num(1)"

Refer to the MGI Interface document SR-4592 for detail descriptions of subparameters of ERRV1 and ERRV.

**D. COMMENTS:**

Prerequisite assumption - The number of Dial numbers must be within the system limits. Refer to REQ-ASL testcases in section 19.1.

**Test Case # 447      REQ-MRO containing 30 Dial Numbers (denied)****A. PURPOSE:**

Send an REQ-MRO containing 30 Dial Telephone Numbers (Multiple Number Resp Org change request). All these 30 Dial numbers do not belong to your Resp Org.

**B. TEST PROCEDURE:**

The OS:

Use 30 existing DIAL Telephone Numbers in the system, which belong to the requesting Resp Org, sends a REQ-MRO to request a mass Resp Org change to a New Resp Org.

**C. EXPECTED RESULTS:**

SMS/800 responds:

The RSP-MRO is returned with a term\_rept of DENIED and error\_code of 01 with  
ECNT=00000030:ERRV="07,1,num(1)",ERRV="07,1,num(2)",.....,ERRV="07,1,num(30)";

Refer to the MGI Interface document SR-4592 for detail descriptions of subparameters of ERRV1 and ERRV.

**D. COMMENTS:**

Prerequisite assumption - The number of Dial numbers must be within the system limits. Refer to REQ-ASL testcases in section 19.1.

### 19.3 SPARING MULTIPLE DIAL NUMBERS ( MSP) TEST CASES

Request Sparing Multiple Dial Numbers message format:

REQ-NSC:,date,time:::ID=id,RO=ro,AC=S:QT=qt:NUML=numl;

Successful Response:

RSP-NSC:,date,time:::COMPLD,00::ID=id,RO=ro:QT=qt:NUML=numl;

Partial Successful Response:

RSP-NSC:,date,time:::COMPLD,11::ID=id,RO=ro:QT=qt:NUML=numl:

ECNT=ecnt:ERRV=errv(1),ERRV=errv(2),...,ERRV=errv(ecnt);

Failed Response:

RSP-NSC:,date,time:::DENIED,01::ID=id,RO=ro:ECNT=ecnt:ERRV=errv(1),ERRV=errv(2),...,

ERRV=errv(ecnt);

**Test Case # 451      Successful Sparing 50 Dial Numbers****A. PURPOSE:**

Spare 50 DIAL#s which belong to your Resp Org.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-NSC:,date,time::::ID=id,RO=ro,AC=S:QT=50:NUML=numl;

**C. EXPECTED RESULTS:**

Successful update, from reserved to spare.

SMS/800 responds with this message:

RSP-NSC:,date,time:::COMPLD,00::ID=id,RO=ro:QT=50:NUML="num(1),num(2),.....,num(50)";

**D. COMMENTS:**

Prerequisite assumption - The data base contains the numbers requested. This assumes the OS has update capability for the existing control Resp Org of the number. Note the number of Dial numbers must be within the system limits. Refer to REQ-ASL testcases in section 19.1.

**Test Case # 452      Partial Successful Sparing 40 Dial Numbers****A. PURPOSE:**

Spare 40 DIAL#s which belong to your Resp Org. The first 2 Dial numbers specified in the request are in the Spare status.

**B. TEST PROCEDURE:**

The OS sends this message:

```
REQ-NSC:,date,time::::ID=id,RO=ro,AC=S:QT=40:NUML=numl;
```

**C. EXPECTED RESULTS:**

Partial successful update, from reserved to spare for some Dial numbers.

SMS/800 responds with this message:

```
RSP-NSC:,date,time:::COMPLD,11::ID=id,RO=ro:QT=38:NUML="num(3),...,num(40)":
```

```
ECNT=00000002:ERRV="06,1,num(1)",ERRV="06,1,num(2)"
```

Refer to the MGI Interface document SR-4592 for detail descriptions of subparameters of ERRV1 and ERRV.

**D. COMMENTS:**

Prerequisite assumption - The data base contains the numbers requested. This assumes the OS has update capability for the existing control Resp Org of the number. Note the number of Dial numbers must be within the system limits. Refer to REQ-ASL testcases in section 19.1.

**Test Case # 453      Unsuccessful Sparing 70 Dial Numbers****A. PURPOSE:**

Spare 70 DIAL#.s. Dial numbers specified in the request are all in Working status, are all in Spare status, or all do not belong to your Resp Org.

**B. TEST PROCEDURE:**

The OS sends this message:

```
REQ-NSC:,date,time::::ID=id,RO=ro,AC=S:QT=70:NUML=numl;
```

**C. EXPECTED RESULTS:**

Unsuccessful update, from reserved to spare for all Dial numbers.

SMS/800 responds with this message:

```
RSP-NSC:,date,time:::DENIED,01::ID=id,RO=ro:ECNT=70:ERRV="06,1,num(1)",ERRV="06,1,
num(2)",...,ERRV="06,1,num(70)";
```

or

```
RSP-NSC:,date,time:::DENIED,01::ID=id,RO=ro:ECNT=70:ERRV="12,1,num(1)",ERRV="12,1,
num(2)",...,ERRV="12,1,num(70)";
```

Refer to the MGI Interface document SR-4592 for detail descriptions of subparameters of ERRV1 and ERRV.

**D. COMMENTS:**

Prerequisite assumption - The data base contains the numbers requested. This assumes the OS has update capability for the existing control Resp Org of the number. Note the number of Dial numbers must be within the system limits. Refer to REQ-ASL testcases in section 19.1.

## 19.4 DISCONNECTING MULTIPLE CRs/TEMPLATES (MND) TEST CASES

This section includes multi-regular CR disconnect using REQ-CRC as well as the multi-template disconnect using REQ-TRC.

### **Disconnect Regular CRs:**

Request Disconnecting Multiple CRs message format:

```
REQ-CRC:,date,time:::ID=id,RO=ro,AC=D:QT=qt:NUML=numl:ED=ed,
ET=et,EINT=eint,REFER=refer,NOTES=notes;
```

Successful Response:

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro:QT=qt:NUML=numl;
```

Successful Response with Warnings:

```
RSP-CRC:,date,time:::COMPLD,10::ID=id,RO=ro:QT=qt:NUML=numl:
WCNT=wcnt:ERRV1=errv1(1),ERRV1=errv1(2),...,ERRV1=errv1(wcnt);
```

Partial Successful Response with Errors and/or Warnings:

```
RSP-CRC:,date,time:::COMPLD,11::ID=id,RO=ro:QT=qt:NUML=numl:
WCNT=wcnt:ERRV1=errv1(1),ERRV1=errv1(2),...,ERRV1=errv1(wcnt):ECNT=ecnt:ERRV=errv(1),ER
RV=errv(2),...,ERRV=errv(ecnt);
```

Failed Response:

```
RSP-CRC:,date,time:::DENIED,01::ID=id,RO=ro:ECNT=ecnt:ERRV=errv(1),
ERRV=errv(2),...,ERRV=errv(ecnt);
```

### **Disconnect Templates:**

REFER and EINT tags are not needed. All pointer CRs point to the template should all be disconnected before a template can be disconnected.

Request Disconnecting Multiple Templates message format:

```
REQ-
TRC:,date,time:::ID=id,RO=ro,AC=D:QT=qt:TMPLTNML=tmpltnml:ED=ed,
ET=et,NOTES=notes;
```

Successful Response:

```
RSP-
TRC:,date,time:::COMPLD,00::ID=id,RO=ro,QT=qt:TMPLTNML=tmpltnml;
```

Successful Response with Warnings:

```
RSP-TRC:,date,time:::COMPLD,10::ID=id,RO=ro:QT=qt:NUML=numl:
WCNT=wcnt:ERRV1=errv1(1),ERRV1=errv1(2),...,ERRV1=errv1(wcnt);
```

Partial Successful Response with Errors and/or Warnings:

```
RSP-TRC:,date,time:::COMPLD,11::ID=id,RO=ro:QT=qt:NUML=numl:
WCNT=wcnt:ERRV1=errv1(1),ERRV1=errv1(2),...,ERRV1=errv1(wcnt):ECNT=ecnt:ERRV=errv(1),ER
RV=errv(2),...,ERRV=errv(ecnt);
```

Failed Response:

```
RSP-TRC:,date,time:::DENIED,01::ID=id,RO=ro:ECNT=ecnt:ERRV=errv(1),
ERRV=errv(2),...,ERRV=errv(ecnt);
```

**Test Case # 454      Successful Disconnect 80 CRs - with REFER and EINT****A. PURPOSE:**

Modify 80 PENDING Disconnect Customer Records. These Dial numbers are in Working status and all being controlled by your Resp Org.

**B. TEST PROCEDURE:**

The OS sends this message:

Repeat *Test Case # 194, Page 219* to create multiple PENDING disconnect records. Modify EINT by specifying a valid future date and include the effective date and time of the PENDING disconnect. The EINT default date is set in SMS/800 system and may be changed during the course of year by Industry needs. **Note that all customer records have to have the same EINT date and the same referral option in order to be disconnected in one request message.** Send the following message:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=D:QT=80:NUML=numl:ED=ed,
ET=et,EINT=eint,REFER=N,NOTES=notes;
```

**C. EXPECTED RESULTS:**

Successful modification of PENDING disconnect Customer Records.

SMS/800 responds with this message:

```
RSP-CRC:,date,time::::COMPLD,00:::ID=id,RO=ro:QT=80:NUML="num(1),num(2),...,num(80)";
```

When the effective date and time arrives causing all records to be loaded in the SCPs, the OS will also receive customer record activation notifications (UNS-CRA) for all customer records. Refer to the MGI Interface document SR-4592 for the format of partial and unsuccessful responses.

**D. COMMENTS:**

Prerequisite assumption - All numbers are owned by the Resp Org. Run REQ-ASL to find out the Automation Limit for Multi-Dial Number Disconnect before sending this request to prevent out-of-limit error. Refer to REQ-ASL testcases in Section 19.1.

**Test Case # 455 Partial Successful (Warning) Disconnect 50 CRs****A. PURPOSE:**

Modify 50 PENDING Disconnect Customer Records. The Dial numbers are in Working status except the first 2 Dial numbers which Customer Record's status are Invalid. The NPA Split is coming for the 3rd Dial number.

**B. TEST PROCEDURE:**

The OS sends this message:

Repeat *Test Case # 194, Page 219* to create multiple PENDING disconnect records. Modify EINT by specifying a valid future date and include the effective date and time of the PENDING disconnect. The EINT default date is set in SMS/800 system and may be changed during the course of year by Industry needs. Send the following message:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=D:QT=50:NUML=numl:ED=ed,
ET=et,EINT=eint,REFER=N,NOTES=notes;
```

**C. EXPECTED RESULTS:**

SMS/800 responds with this message:

```
RSP-CRC:,date,time::::COMPLD,10::ID=id,RO=ro:QT=50:NUML="num(4),num(5),.....,num(50)":
WCNT=00000003:ERRV1="7000,1,num(1)",ERRV1="7000,1,num(2)",ERRV1="9007,1,num(3)"
```

Refer to the MGI Interface document SR-4592 for detail descriptions of subparameters of ERRV1 and ERRV. When the effective date and time arrives causing all records to be loaded in the SCPs, the OS will also receive customer record activation notifications (UNS-CRA) for all customer records. Refer to the MGI Interface document SR-4592 for the format of successful and unsuccessful responses.

**D. COMMENTS:**

Prerequisite assumption - All numbers are owned by the Resp Org. Run REQ-ASL to find out the Automation Limit for Multi-Dial Number Disconnect before sending this request to prevent out-of-limit error. Refer to REQ-ASL testcases in Section 19.1.

**Test Case # 456 Partial Successful (Warning and Error) Disconnect 40 CRs****A. PURPOSE:**

Modify 40 PENDING Disconnect Customer Records. The NPA Split is coming for the 1st Dial number. The 2nd Dial number contains a record with the same Eff Date/Time for this disconnect request. The CAD portion of the record of the 3rd Dial number has been accessed by a 3270 user. The disconnect action tries to insert the disconnect record at front of the changed future record for the 4th Dial number.

**B. TEST PROCEDURE:**

The OS sends this message:

Repeat *Test Case # 194, Page 219* to create multiple PENDING disconnect records. Modify EINT by specifying a valid future date and include the effective date and time of the PENDING disconnect. The EINT default date is set in SMS/800 system and may be changed during the course of year by Industry needs. Send the following message:

```
REQ-CRC:,date,time:::ID=id,RO=ro,AC=D:QT=40:NUML=numl:ED=ed,
ET=et,EINT=eint,REFER=N,NOTES=notes;
```

**C. EXPECTED RESULTS:**

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::COMPLD,11::ID=id,RO=ro:QT=37:NUML="num(5),num(6),.....,num(40)":
WCNT=00000001:ERRV1="9007,1,num(1)":ECNT=00000003:ERRV="0409,1,num(2)":ERRV="5636,1,
num(3)",ERRV="5637,1,num(4)":
```

Refer to the MGI Interface document SR-4592 for detail descriptions of subparameters of ERRV1 and ERRV. When the effective date and time arrives causing all records to be loaded in the SCPs, the OS will also receive customer record activation notifications (UNS-CRA) for some customer records. Refer to the MGI Interface document SR-4592 for the format of successful and unsuccessful responses.

**D. COMMENTS:**

Prerequisite assumption - All numbers are owned by the Resp Org. Run REQ-ASL to find out the Automation Limit for Multi-Dial Number Disconnect before sending this request to prevent out-of-limit error. Refer to REQ-ASL testcases in Section 19.1.

**Test Case # 457      Unsuccessful Disconnect 20 CRs****A. PURPOSE:**

Modify 20 PENDING Disconnect Customer Records. The Resp Org does not belong to the ID specified in the request.

**B. TEST PROCEDURE:**

The OS sends this message:

Repeat *Test Case # 194, Page 219* to create multiple PENDING disconnect records. Modify EINT by specifying a valid future date and include the effective date and time of the PENDING disconnect. The EINT default date is set in SMS/800 system and may be changed during the course of year by Industry needs. Send the following message:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=D:QT=20:NUML=numl:ED=ed,
ET=et,EINT=eint,REFER=N,NOTES=notes;
```

**C. EXPECTED RESULTS:**

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::DENIED,01::ID=id,RO=ro:ECNT=20:ERRV="0102,1,num(1)",
ERRV="0102,1,num(2),...,ERRV="0102,1,num(20)";
```

Refer to the MGI Interface document SR-4592 for detail descriptions of subparameters of ERRV1 and ERRV. When the effective date and time arrives causing all records to be loaded in the SCPs, the OS will **not** receive customer record activation notifications (UNS-CRA) for all customer records. Refer to the MGI Interface document SR-4592 for the format of successful and partial successful responses.

**D. COMMENTS:**

Prerequisite assumption - All numbers are owned by the Resp Org. Run REQ-ASL to find out the Automation Limit for Multi-Dial Number Disconnect before sending this request to prevent out-of-limit error. Refer to REQ-ASL testcases in Section 19.1.

**Test Case # 458      Unsuccessful Disconnect 10 Templates - with REFER and EIN****A. PURPOSE**

Create 10 Active templates being controlled by your Resp Org. Disconnecting templates with REFER and EINT tags.

**B. TEST PROCEDURE:**

The OS sends this message

```
REQTRC:,date,time::::ID=id,RO=ro,AC=D:QT=qt:TMPLTNML=tmpltnml:E
D=edET=et,NOTES=notes,REFER=refer,EINT=eint
```

**C. EXPECTED RESULTS:**

Successful modification of PENDING disconnect Customer

Records. SMS/800 responds with this message

```
RSP-TRC:,date,time:::DENIED,01::ID=id,RO=ro:ECNT=ecnt:
ERRV=errv(1),ERRV=errv(2),...ERRV=errv(ecnt)
```

Refer to the MGI Interface document SR-4592 for the format of unsuccessful responses

#### **D. COMMENTS**

Prerequisite assumption - All numbers are owned by the Resp Org. Run REQ-ASL to find out the Automation Limit for Multi-Dial Number Disconnect before sending this request to prevent out-of-limit error. Refer to REQ-ASL testcases in Section 19.1.

**Test Case # 459 Partial Successful (Warning) Disconnect 5 Templates****A. PURPOSE:**

Create 5 Active templates that not all pointer CRs are disconnected for a specific template#5.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-  
TRC:,date,time::::ID=id,RO=ro,AC=D:QT=qt:TMPLTNML=tmpltn  
ml:ED=ed,ET=et,NOTES=notes;

**C. EXPECTED RESULTS:**

SMS/800 responds with this message:

RSP-TRC:,date,time:::COMPLD,10::ID=id,RO=ro:QT=5:NUML="num(1),...,num(5)":  
WCNT=00000001:ERRV1="7624,1,num(5)";

Refer to the MGI Interface document SR-4592 for the format of partial successful responses.

**D. COMMENTS:**

Prerequisite assumption - All numbers are owned by the Resp Org. Run REQ-ASL to find out the Automation Limit for Multi-Dial Number Disconnect before sending this request to prevent out-of- limit error. Refer to REQ-ASL testcases in Section 19.1.

**Test Case # 460 Successful Disconnect 10 Templates****A. PURPOSE:**

Create 10 Active templates that all pointer CRs are disconnected for all listed templates.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-  
TRC:,date,time::::ID=id,RO=ro,AC=D:QT=qt:TMPLTNML=tmpltn  
ml:ED=ed,ET=et,NOTES=notes;

**C. EXPECTED RESULTS:**

SMS/800 responds with this message:

RSP-TRC:,date,time:::COMPLD,00::ID=id,RO=ro,QT=qt:TMPLTNML=tmpltnml;

Refer to the MGI Interface document SR-4592 for the format of successful responses.

**D. COMMENTS:**

Prerequisite assumption - All numbers are owned by the Resp Org. Run REQ-ASL to find out the Automation Limit for Multi-Dial Number Disconnect before sending this request to prevent out-of- limit error. Refer to REQ-ASL testcases in Section 19.1.

## 19.5 QUERYING MULTIPLE NUMBER STATUSES (MNQ) TEST CASES

Request Multiple Dial Number Status message format:

REQ-MNQ:,date,time::::ID=id,RO=ro:QT=qt:NUML=numl;

Successful Response:

RSP-  
MNQ:,date,time:::COMPLD,00::ID=id,RO=ro:QT=qt:NUM=num(1),LACT=lact,RU=ru,DU=du,SE=se,S  
TAT=stat,CRO=cro,NCON=ncon,CTEL=ctel,NOTES=notes:NUM=num(2),...:NUM=num(qt),.....;

Partial Successful Response:

RSP-  
MNQ:,date,time:::COMPLD,11::ID=id,RO=ro:QT=qt:NUM=num(1),LACT=lact,RU=ru,DU=du,SE=se,S  
TAT=stat,CRO=cro,NCON=ncon,CTEL=ctel,NOTES=notes:NUM=num(2),...:NUM=num(qt),...:ECNT=e  
cnt:ERRV=errv(1),ERRV=errv(2),....ERRV=errv(ecnt);

Failed Response:

RSP-MNQ:,date,time:::DENIED,01::ID=id,RO=ro:ECNT=ecnt:ERRV=errv(1),ERRV=errv(2),....,  
ERRV=errv(ecnt);

**Test Case # 461      Successful Querying 50 Dial Numbers****A. PURPOSE:**

Query 50 DIAL# statuses.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-MNQ:,date,time::::ID=id,RO=ro:QT=50:NUML=numl;

**C. EXPECTED RESULTS:**

Successful query.

SMS/800 responds with this message:

RSP-  
MNQ:,date,time:::COMPLD,00::ID=id,RO=ro:QT=50:NUM=num(1),LACT=lact,RU=ru,DU=du,SE=se,S  
TAT=stat,CRO=cro,NCON=ncon,CTEL=ctel,NOTES=notes:NUM=num(2),...:NUM=num(50),....:

**D. COMMENTS:**

Prerequisite assumption - The data base contains the numbers requested. Note the number of Dial numbers must be within the system limits. Refer to REQ-ASL testcases in section 19.1.

**Test Case # 462      Partial Successful Querying 40 Dial Numbers (NXN closed)****A. PURPOSE:**

Query 40 DIAL# statuses, where the first two spare number's NXX are closed.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-MNQ:,date,time::::ID=id,RO=ro:QT=40:NUML=numl;

**C. EXPECTED RESULTS:**

Partial successful query.

SMS/800 responds with this message:

RSP-MNQ:,date,time:::COMPLD,11::ID=id,RO=ro:QT=38:NUML="num(3),...,num(40)":

ECNT=00000002:ERRV="07,1,num(1)",ERRV="07,1,num(2)"

Refer to the MGI Interface document SR-4592 for detail descriptions of subparameters of ERRV1 and ERRV.

**D. COMMENTS:**

Prerequisite assumption - The status of the first two numbers which NXX are closed should be Spare. The data base contains the numbers requested. Note the number of Dial numbers must be within the system limits. Refer to REQ-ASL testcases in section 19.1.

**Test Case # 463      Unsuccessful Querying 30 Dial Numbers****A. PURPOSE:**

Query 30 DIAL#s where the first dial number is invalid (too many digits or include wildcard).

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-MNQ:,date,time::::ID=id,RO=ro:QT=30:NUML=numl;

**C. EXPECTED RESULTS:**

Unsuccessful query.

SMS/800 responds with this message:

RSP-MNQ:,date,time:::DENIED,01::ID=id,RO=ro:ECNT=00000001:ERRV=""20,0,num(1)"";

Refer to the MGI Interface document SR-4592 for detail descriptions of subparameters of ERRV1 and ERRV.

**D. COMMENTS:**

Prerequisite assumption - The data base contains the numbers requested. Note the number of Dial numbers must be within the system limits. Refer to REQ-ASL testcases in section 19.1.

## 19.6 CONVERTING MULTIPLE CRs TO POINTER CRs (MCP) TEST CASES

This is a R19.0 template feature that it supports conversion from multi-regular CRs to multi-pointer CRs. It does not support conversion from multi-pointer CRs to multi-regular CRs.

Request Multiple Dial Number Status message format:

```
REQ-
CRC:,date,time:::ID=id,RO=ro,AC=C:QT=qt:NUML=numl:ED=ed,ET=et,TMPLTPTR=tmplptr,NOT
ES=notes;
```

Successful Response:

```
RSP- CRC:,date,time:::COMPLD,00:: COMPLD,00::ID=id,RO=ro,QT=qt: NUML=numl;
```

Partial Successful Response:

```
RSP- CRC:,date,time:::COMPLD,11::ID=id,RO=ro:QT=qt:NUM=num(1),
NOTES=notes:NUM=num(2),...:NUM=num(qt),...:ECNT=e
cnt:ERRV=errv(1),ERRV=errv(2),....ERRV=errv(ecnt);
```

Failed Response:

```
RSP-CRC:,date,time:::DENIED,01::ID=id,RO=ro:ECNT=ecnt:ERRV=errv(1),ERRV=errv(2),..., ERRV=errv(ecnt);
```

**Test Case # 464      Successful Converting 60 Regular CRs to Pointer CRs****A. PURPOSE:**

Convert 60 Regular CRs to Pointer CRs point to the same Active Template (TMPLTPTR).

**B. TEST PROCEDURE:**

The OS sends this message:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=C:
QT=60:NUML=numl:ED=ed,ET=et,TMPLTPTR=tmplptr,NOTES=notes;
```

**C. EXPECTED RESULTS:**

Successful query.

SMS/800 responds with this message:

```
RSP- CRC:,date,time:::COMPLD,00::ID=id,RO=ro:QT=60:NUML=numl;
```

**D. COMMENTS:**

Prerequisite assumption - The data base contains the numbers requested. Note the number of Dial numbers must be within the system limits. Refer to REQ-ASL testcases in section 19.1. In case some of the dial#s in the NUML list are already pointer CRs before the conversion, the conversion process will copy the pointer CR forward. They will still be pointer CRs.

**Test Case # 465      Partial Successful Converting Regular CRs to Pointer CRs****A. PURPOSE:**

Convert 50 Regular CRs to Pointer CRs point to an Active Template (TMPLTPTR) where 2 Dial#s do not have associated CRs (e.g. in Reserved status).

**B. TEST PROCEDURE:**

The OS sends this message:

```
REQ-CRC:,date,time:::ID=id,RO=ro:QT=50:
NUML=numl:ED=ed,ET=et,TMPLTPTR=tmplptr,NOTES=notes;
```

**C. EXPECTED RESULTS:**

Partial successful query.

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::COMPLD,11::ID=id,RO=ro:QT=48:NUML="num(3),...,num(50)":
ECNT=00000002:ERRV="07,1,num(1)",ERRV="07,1,num(2)",
```

Refer to the MGI Interface document SR-4592 for detail descriptions of subparameters of ERRV1 and ERRV.

**D. COMMENTS:**

Prerequisite assumption - The data base contains the numbers requested. Note the number of Dial numbers must be within the system limits. Refer to REQ-ASL testcases in section 19.1.

**Test Case # 466      Unsuccessful Converting 10 Regular CRs****A. PURPOSE:**

Convert 10 Regular CRs to Pointer CRs point to an Active Template (TMPLTPTR) where the target eff. date/time has passed (e. g. a typo of last year in ED tag).

**B. TEST PROCEDURE:**

The OS sends this message:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=C:
QT=10:NUML=numl:ED=ed,ET=et,TMPLTPTR=tmplptr,NOTES=notes;
```

**C. EXPECTED RESULTS:**

Unsuccessful query.

SMS/800 responds with this message:

```
RSP-CRC:,date,time::::DENIED,01::ID=id,RO=ro:ECNT=00000001:ERRV=""20,0,num(1)"
```

Refer to the MGI Interface document SR-4592 for detail descriptions of subparameters of ERRV1 and ERRV.

**D. COMMENTS:**

Prerequisite assumption - The data base contains the numbers requested. Note the number of Dial numbers must be within the system limits. Refer to REQ-ASL testcases in section 19.1.

## 20. UNSUPPORTED SPECIAL CHARACTERS TEST CASES

This section documents test cases for the following special characters that are not supported in SMS/800: DOUBLE QUOTES, HAT ^, VERTICLE BAR |, and TILDE ~.

The following request messages contain Double Quotes “ will be rejected by MGI with a Syntax Error (ERR=05). Hat ^, Verticle Bar |, and Tilde ~ in the following request message received by MGI will be converted to a space in the SMS/800 system. Double Quotes “ currently exist in the database of SMS/800 system will be converted to a space in the response messages RSP-CRV and RSP-TRN if requested in the corresponding query REQ-CRV and REQ-TRN.

The messages and the text fields which are impacted are: Search Reserve Numbers:

REQ-NSR

Impacted Tags : NCON, NOTES Change Number Information: REQ-NSC Impacted

Tags: NCON, NOTES

Create Customer Record:

REQ-CRA, REQ-CRC

Impacted Tags: LA, LN, NCON, NOTE

Disconnect Multiple Record (Automation):

REQ-CRC

Impacted Tags: NOTES

Resp Org Change Request:

REQ-RCH, UNS-CRO

Impacted Tags: CNAME, ADD, CCON, RN

View Customer Record:

RSP-CRV

Impacted Tags: LA, LN, NCON, NOTE

Trouble Referral Number Query:

RSP-TRN

Impacted Tags: RONM

**Test Case # 467      REQ-NSR : Double Quotes “ in NCON and NOTES****A. PURPOSE:**

Double Quote is not allowed in REQ-NSR (Search - Reserve Number) request.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-NSR:,date,time::::ID=id,RO=ro, AC=R,NCON=ncon,CTEL=ctel, NOTES=notes;

where

NCON="DQ",HAT^,BAR|,TILDE~"

or

NOTES="DQ",HAT^,BAR|,TILDE~"

**C. EXPECTED RESULTS:**

SMS/800 responds with this message:

RSP-NSR:,date,time::::DENIED,01::ID=id,RO=ro:CNT=01:ERR=05,VERR-verr;

**D. COMMENTS:**

Prerequisite assumption - The full quantity of numbers specified were available in the data base as spare.

**Test Case # 468      REQ-NSR : Hat ^, Vertical Bar |, Tilde ~ in NCON and NOTES****A. PURPOSE:**

Hat ^, Verticle Bar |, and Tilde are converted to a space in RSP-NSR (Search - Reserve Number) request.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-NSR:,date,time::::ID=id,RO=ro, AC=R,NCON=ncon, NOTES=notes,CTEL=ctel;

where

NCON="DQ,HAT^,BAR|,TILDE~"

or

NOTES="DQ,HAT^,BAR|,TILDE~"

**C. EXPECTED RESULTS:**

SMS/800 responds with this message:

RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro,CNT=01:NUM=num;

The subsequent number query (REQ-NSR with AC=Q) should display a space for ^, |, and ~:

RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,RU=ru,SE=se,STAT=stat,

CRO=cro,NCON=ncon,CTEL=ctel,NOTES=notes;

where

NCON="DQ,HAT ,BAR ,TILDE     "

or

NOTES="DQ,HAT ,BAR ,TILDE     "

**D. COMMENTS:**

Prerequisite assumption - The full quantity of numbers specified were available in the data base as spare.

**Test Case # 469      REQ-NSC : Double Quotes “ in NCON and NOTES****A. PURPOSE:**

Double Quote is not allowed in REQ-NSC (Change Number Information) request.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-NSC:,date,time::::ID=id,RO=ro, AC=C,NCON=ncon,NOTES=notes;

where

NCON="DQ",HAT^,BAR|,TILDE~"

or

NOTES="DQ",HAT^,BAR|,TILDE~"

**C. EXPECTED RESULTS:**

SMS/800 responds with this message:

RSP-NSC:,date,time:::DENIED,01::ID=id,RO=ro:CNT=01:ERR=05,VERR-verr;

**D. COMMENTS:**

Prerequisite assumption - The data base contains the numbers requested.

**Test Case # 470      REQ-NSC : Hat ^, Vertical Bar |, Tilde ~ in NCON and NOTES****A. PURPOSE:**

Hat ^, Verticle Bar |, and Tilde are converted to a space in RSP-NSC (Change Number Information) request.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-NSC:,date,time::::ID=id,RO=ro, AC=C,NCON=ncon,NOTES=notes;

where

NCON="DQ,HAT^,BAR|,TILDe~"

or

NOTeS="DQ,HAT^,BAR|,TILDE~"

**C. EXPECTED RESULTS:**

SMS/800 responds with this message:

RSP-NSC:,date,time:::COMPLD,00::ID=id,RO=ro,CNT=01:NUM=num,RU=ru,SE=se,

STAT=stat,NCON=ncon,CTEL=ctel,NOTES=notes;

The subsequent number query (REQ-NSR with AC=Q) should display a space for ^, |, and ~:

RSP-NSR:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,RU=ru,SE=se,

STAT=stat,CRO=cro,NCON=ncon,CTEL=ctel,NOTES=notes;

where

NCON="DQ,HAT ,BAR ,TILDE     "

or

NOTES="DQ,HAT ,BAR ,TILDE     "

**D. COMMENTS:**

Prerequisite assumption - The data base contains the numbers requested.

**Test Case # 471      REQ-CRA : Double Quotes “ in LA, LN, NCON, NOTE****A. PURPOSE:**

Double Quote is not allowed in REQ-CRA (Create Simple Customer Record) request.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-CRA:,date,time::::ID=id,  
RO=ro,AC=N,NUM=num,ED=ed,ET=et:INTERC=interc:INTRAC=intrac:ABN=abn,DAU=dau,  
DAT=dat,DD=dd,LI=li,RAO=rao,SO=so,TELCO=telco,**LA=la,NCON=ncon,CTEL=cotel,NOTE**  
**=note:CNT6=01:ANET=BA:CNT8=01:LN=ln:CNT9=001:TEL=”9086992000”,LSO=lso,LNS=l**  
ns; Where

**LA=”DQ”,HAT^,BAR|,TILDE~”**

or

**LN=”DQ”,HAT^,BAR|,TILDE~”**

or

**NCON=”DQ”,HAT^,BAR|,TILDE~”**

or

**NOTE=”DQ”,HAT^,BAR|,TILDE~”**

**C. EXPECTED RESULTS:**

SMS/800 responds with this message:

RSP-CRA:,date,time::::DENIED,01::ID=id,RO=ro,NUM=num,ED=ed,ET=et:CNT=01:ERR=05,VERR-  
verr;

**D. COMMENTS:**

Prerequisite assumption - The data base contains the reserved numbers requested.

**Test Case # 472      REQ-CRA: Hat ^, Vertical Bar |, Tilde ~ in LA, LN, NCON, NOTE****A. PURPOSE:**

Hat ^, Verticle Bar |, and Tilde are converted to a space in RSP-CRA (Create Simple Customer Record) request.

**B. TEST PROCEDURE:**

The OS sends this message:

```
REQ-CRA:,date,time::::ID=id,
RO=ro,AC=N,NUM=num,ED=ed,ET=et:INTERC=interc:INTRAC=intrac:ABN=abn,DAU=dau,
DAT=dat,DD=dd,LI=li,RAO=rao,SO=so,TELCO=telco,LA=la,NCON=ncon,CTEL=ctel,NOTE
=note:CNT6=01:ANET=BA:CNT8=01:LN=ln:CNT9=001:TEL="9086992000",LSO=lso,LNS=1
ns;
```

Where

**LA="DQ,HAT^,BAR|,TILDE~"**

or

**LN="DQ,HAT^,BAR|,TILDE~"**

or

**NCON="DQ,HAT^,BAR|,TILDE~"**

or

**NOTE="DQ,HAT^,BAR|,TILDE~"**

**C. EXPECTED RESULTS:**

SMS/800 responds with this message:

```
RSP-CRA:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;
```

The subsequent CR query (REQ-CRV) should display a space for ^, |, and ~: The RSP-CRV with COMPLD 00 is received

where

**LA="DQ,HAT ,BAR ,TILDE "**

or

**LN="DQ,HAT ,BAR ,TILDE "**

or

**NCON="DQ,HAT ,BAR ,TILDE "**

or

**NOTES="DQ,HAT ,BAR ,TILDE "**

**D. COMMENTS:**

Prerequisite assumption- The data base contains the reserved numbers requested.

**Test Case # 473      REQ-CRC : Double Quotes “ in LA, LN, NCON, NOTE****A. PURPOSE:**

Double Quote is not allowed in REQ-CRC (Create Complex Customer Record) request.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED=ed,ET=et:

IEC=’CNT1=01,0288’:IAC=’CNT2=01,0288’:ABN=abn,DAU=dau,DAT=dat,DD=dd,LI=li,RAO=r  
ao,SO=so,TELCO=telco,LA=la,NCON=ncon,CTEL=ctel,NOTE=note:ANET=’CNT6=01,BA’:CNT8=01:LN=ln:CNT9=001:TEL=’9086992000’,LSO=lso,LNS=lns;

Where

**LA=’DQ’,HAT^,BAR|,TILDE~’**

or

**LN=’DQ’,HAT^,BAR|,TILDE~’**

or

**NCON=’DQ’,HAT^,BAR|,TILDE~’**

or

**NOTE=’DQ’,HAT^,BAR|,TILDE~’**

**C. EXPECTED RESULTS:**

SMS/800 responds with this message:

RSP-CRC:,date,time::::DENIED,01::ID=id,RO=ro,NUM=num,ED=ed,ET=et:CNT=01:ERR=05,VERR-verr;

**D. COMMENTS:**

Prerequisite assumption - The data base contains the reserved numbers requested.

**Test Case # 474      REQ-CRC: Hat ^, Vertical Bar |, Tilde ~ in LA, LN, NCON, NOTE****A. PURPOSE:**

Hat ^, Verticle Bar |, and Tilde are converted to a space in RSP-CRC (Create Complex Customer Record) request.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=N,NUM=num,ED=ed,ET=et:

IEC="CNT1=01,0288":IAC="CNT2=01,0288":ABN=abn,DAU=dau,DAT=dat,DD=dd,LI=li,RAO=rao,S  
O=so,TELCO=telco,LA=la,NCON=ncon,CTEL=ctel,NOTE=note:ANET="CNT6=01,BA":CNT8=01:LN=  
ln:CNT9=001:TEL="9086992000",LSO=lso,LNS=lns;

Where

**LA="DQ,HAT^,BAR|,TILDE~"**

or

**LN="DQ,HAT^,BAR|,TILDE~"**

or

**NCON="DQ,HAT^,BAR|,TILDE~"**

or

**NOTE="DQ,HAT^,BAR|,TILDE~"**

**C. EXPECTED RESULTS:**

SMS/800 responds with this message:

RSP-CRC:,date,time::::COMPLD,00:::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

The subsequent CR query (REQ-CRV) should display a space for ^, |, and ~: The RSP-CRV with COMPLD 00 is received

where

**LA="DQ,HAT ,BAR ,TILDE "**

or

**LN="DQ,HAT ,BAR ,TILDE "**

or

**NCON="DQ,HAT ,BAR ,TILDE "**

or

**NOTES="DQ,HAT ,BAR ,TILDE "**

**D. COMMENTS:**

Prerequisite assumption- The data base contains the reserved numbers requested.

**Test Case # 475      Automation REQ-CRC : Double Quote “ in NOTES****A. PURPOSE:**

Double Quot is not allowed in REQ-CRC (Disconnect Multiple Customer Record) request.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=D:QT=qt:NUML=numl:ED=ed,ET=et,

EINT=eint,REFER=N,NOTES=notes;

Where

NOTES="DQ",HAT^,BAR|,TILDE~"

**C. EXPECTED RESULTS:**

SMS/800 responds with this message:

RSP-CRC:,date,time:::DENIED,01::ID=id,RO=ro:QT=qt:NUML=numl:ED=ed,ET=et:

CNT=01:ERR=05,VERR-verr;

**D. COMMENTS:**

Prerequisite assumption - The data base contains the record for the numbers requested.

**Test Case # 476      Automation REQ-CRC: Hat ^, Vertical Bar |, Tilde ~ in NOTES****A. PURPOSE:**

Hat ^, Verticle Bar |, and Tilde are converted to a space in RSP-CRC (Disconnect Multiple Customer Records) request.

**B. TEST PROCEDURE:**

The OS sends this message:

```
REQ-CRC:,date,time::::ID=id,RO=ro,AC=D:QT=qt:NUML=numl:ED=ed,ET=et,
EINT=eint,REFER=N,NOTES=notes;
```

Where

NOTES="DQ,HAT^,BAR|,TILDE~"

**C. EXPECTED RESULTS:**

SMS/800 responds with this message:

```
RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro:QT=qt:NUML=numl,ED=ed,ET=et;
```

The subsequent CR query (REQ-CRV) should display a space for ^, |, and ~: The RSP-CRV with COMPLD 00 is received

where

NOTES="DQ,HAT ,BAR ,TILDE      "

**D. COMMENTS:**

Prerequisite assumption - The data base contains the record for the numbers requested.

**Test Case # 477      REQ-RCH : Double Quotes “ in CNAME, ADD, CCON, RN****A. PURPOSE:**

Double Quote is not allowed in REQ-RCH (Resp Org Change Request) request.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-RCH:,date,time:::ID=id,RO=ro,AC=R:QT=qt:NUM=num,PDD=pdd,  
CNAME=cname,ADD=add,CCON=ccon,CCTEL=ctel,DATE=date,RN=rn;

Where

**CNAME=”DQ”,HAT^,BAR|,TILDE~”**

or

**ADD=”DQ”,HAT^,BAR|,TILDE~”**

or

**CCON=”DQ”,HAT^,BAR|,TILDE~”**

or

**RN=”DQ”,HAT^,BAR|,TILDE~”**

**C. EXPECTED RESULTS:**

SMS/800 responds with this message:

RSP-RCH:,date,time:::DENIED,01::ID=id,RO=ro,AC=R:QT=qt:NUM=num:CNT=01:ERR=05,VERR-  
verr;

**D. COMMENTS:**

Prerequisite assumption - The data base contains the record for the numbers requested.

**Test Case # 478      REQ-RCH: Hat ^, Vertical Bar |, Tilde ~ in CNAME, ADD, CCON, RN****A. PURPOSE:**

Hat ^, Verticle Bar |, and Tilde are converted to a space in RSP-RCH (Resp Org Change Request) request.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-RCH:,date,time::::ID=id,RO=ro,AC=R:QT=qt:NUM=num,PDD=pdd,  
CNAME=cname,ADD=add,CCON=ccon,CCTEL=cTEL,DATE=date,RN=rn;

Where

**CNAME=**"DQ,HAT^,BAR|,TILDE~"

or

**ADD=**"DQ,HAT^,BAR|,TILDE~"

or

**CCON=**"DQ,HAT^,BAR|,TILDE~"

or

**RN=**"DQ,HAT^,BAR|,TILDE~"

**C. EXPECTED RESULTS:**

SMS/800 responds with this message:

RSP-RCH:,date,time:::COMPLD,00::ID=id,RO=ro:Qt=qt:NUM=num,CRO=cro;

The unsolicited CRO should display a space for ^, |, and ~: The UNS-CRO is received where

**CNAME=**"DQ,HAT ,BAR ,TILDE     "

or

**ADD=**"DQ,HAT ,BAR ,TILDE     "

or

**CCON=**"DQ,HAT ,BAR ,TILDE     "

or

**RN=**"DQ,HAT ,BAR ,TILDE     "

**D. COMMENTS:**

Prerequisite assumption - The data base contains the record for the numbers requested.

**Test Case # 479 RSP-CRV : LA, LN, NCON, NOTE****A. PURPOSE:**

Single Quote is displayed in RSP-CRV (View Customer Record) if Double Quote exists in the database.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-CRV:,date,time:::::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

**C. EXPECTED RESULTS:**

SMS/800 responds with this message:

RSP-CRV with COMPLD,00 is received

Where

LA="DQ',HAT^,BAR|,TILDE~"

or

LN="DQ',HAT^,BAR|,TILDE~" or

NCON="DQ',HAT^,BAR|,TILDE~"

or

NOTE="DQ',HAT^,BAR|,TILDE~"

**D. COMMENTS:**

Prerequisite assumption - The data base contains the record for the numbers requested.

**Test Case # 480 RSP-TRN : RONM****A. PURPOSE:**

Single Quote is displayed in RSP-TRN (Trouble Referral Number Query) if Double Quote exists in the database.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-TRN:,date,time::::ID=id,RO=ro,QT=1:NUM=num;

**C. EXPECTED RESULTS:**

SMS/800 responds with this message:

RSP-TRN:,date,time:::COMPLD,00::ID=id,RO=ro:QT=qt:ROTRN=rotrn,

RONM="DQ',HAT^,BAR|,TILDE~,NUM=num;

**D. COMMENTS:**

Prerequisite assumption - The data base contains the record for the numbers requested.

## 21. TEMPLATE RECORD ADMINISTRATION (REQ-TRC, REQ-GSL)

### 21.1 TEMPLATE ALLOCATION LIMITS (REQ-GSL)

The request and response messages are the same as the High Priority Customer Record Update in section 17. TRCM and TRCR are new tags for template feature.

Request message -

REQ-GSL:,date,time::::ID=id,RO=ro,CREN=cren;

Unsuccessful response -

RSP-GSL:,date,time:::DENIED,01::ID=id,RO=ro,CREN=cren,QT=qt,ERR=err,VERR=verr;

Successful response -

RSP-

GSL:date,time:::COMPLD,00::ID=id,RO=ro,CREN=cren,NCRUM=hcrum,HCRUR=hcrur,TRCM=trcm,TRCR=trcr;

**Test Case # 481      Unsuccessful Query the template allocation limits****A. PURPOSE:**

Error returns if the OS Entity does not exist in the SMS800 if there is a typo in Entity.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-GSL:,date,time::::ID=id,RO=ro,CREN=cren;

**C. EXPECTED RESULTS:**

SMS/800 responds with this message:

RSP-GSL:,date,time:::DENIED,01::ID=id,RO=ro,CREN=cren,QT=qt,ERR=err,VERR=verr;

**D. COMMENTS:**

Prerequisite assumption - The data base does not contain the Entity requested.

**Test Case # 482      Successful Query the template allocation limits****A. PURPOSE:**

OS successfully receives response of the maximum template allocation limit and the template remaining limit.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-GSL:,date,time::::ID=id,RO=ro,CREN=cren;

**C. EXPECTED RESULTS:**

SMS/800 responds with this message:

RSP-  
GSL:date,time:::COMPLD,00::ID=id,RO=ro,CREN=cren,NCRUM=hcrum,HCRUR=hcrur,TRCM  
=trcm,TRCR=trcr;

**D. COMMENTS:**

Prerequisite assumption - The data base contains the Entity requested.

## 21.2 CREATING TEMPLATES REQ-TRC, AC=N

Use REQ-TRC to create template contains routing information that is referenced by multiple pointer CRs. There is no need to reserve a template when creating a template. OS should follow the Template Name format when creating templates. A template ID will be assigned by the system after it is created. REQ-TRC message is similar to REQ-CRC that is used for creating regular customer records. Most of the test cases listed in this section are those areas that template behavior may be different than the regular CRs. Refer to REQ-CRA and REQ-CRC to test REQ-TRC on areas that behave the same as regular CRs.

Request message -

```
REQ-TRC:,date,time:::::
ID=id,RO=ro,AC=ac,TRO=tro,TMPLTNM=tmpltnm,ED=ed,ET=et:IEC=iec:IAC=iac:DESCRIP=descr,N
OTE=note,NCON=ncon,CTEL=ctel:ANET=anet:LNS=lns:NODE=node:CNT11=cnt11:V=v1.c:V=v2.c.....
:V=vr.c:PEC=pec,PAC=pac,Z=z,DS=ds:CNT12=cnt12:TYPE=type,LBLlbl,SORT=sort,DEF=def;
```

Successful response -

```
RSP-TRC:,date,time:::COMPLD,00::ID=id,RO=ro,TMPLTNM=tmpltnm,
TMPLTID=tmpltid,ED=ed,ET=et,HCRUR=hcrur,CREN=cren;
```

Unsuccessful response -

```
RSP-TRC:,date,time:::DENIED,01::ID=id,RO=ro,TMPLTNM=tmpltnm,
ED=ed,ET=et,HCRUR=hcrur,CREN=cren:CNT=cnt:ERR=err,VERR=verr;
```

**Test Case # 483      New Template – Missing asterisk on Template Name****A. PURPOSE:**

Create a New Template where the name should start with an asterisk.

**B. TEST PROCEDURE:**

The OS sends this message:

Record has a future effective date and time, with missing asterick at the beginning of the template name at TMPLTNM tag.

```
REQ-TRC:,date,time:::::
ID=id,RO=ro,AC=ac,TRO=tro,TMPLTNM="99ABCDEFG",ED=ed,ET=et:IEC=iec:IA
C=iac:DESCRIP=descr,NOTE=note,NCON=ncon,CTEL=ctel:ANET=anet:LNS=lns:N
ODE=node:CNT11=cnt11:V=v1.c:V=v2.c.....:V=vr.c:PEC=pec,PAC=pac,Z=z,DS=ds:
CNT12=cnt12:TYPE=type,LBLlbl,SORT=sort,DEF=def;
```

**C. EXPECTED RESULTS:**

Unsuccessful creation of a New Template

Record. SMS/800 responds with this message:

```
RSP-TRC:,date,time:::DENIED,01::ID=id,RO=ro,TMPLTNM=tmpltnm,
ED=ed,ET=et,HCRUR=hcrur,CREN=cren:CNT=cnt:ERR=err,VERR=verr;
```

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name.

**Test Case # 484      New Template – Template Name does not match OS Resp Org****A. PURPOSE:**

Template - the 2nd and third characters of the Template Name should match the first 2 characters of the OS Resp Org.

**B. TEST PROCEDURE:**

The OS sends this message:

Record has a future effective date and time, the first 2 alphas (after the asterisk) of Template Name does not match the OS's Resp Org Entity.

```
REQ-TRC:,date,time:::::
ID=id,RO=ART01,AC=ac,TRO=tro,TMPLTNM="*11LMNOPQ",ED=ed,ET=et:IEC=e
c:IAC=iac:DESCRIP=descrip,NOTE=note,NCON=ncon,CTEL=ctel:ANET=anet:LNS
=lns:NODE=node:CNT11=cnt11:V=v1.c:V=v2.c.....:V=vr.c:PEC=pec,PAC=pac,Z=z,D
S=ds:CNT12=cnt12:TYPE=type,LBLlbl,SORT=sort,DEF=def;
```

**C. EXPECTED RESULTS:**

Unsuccessful creation of a New Template

Record. SMS/800 responds with this message:

```
RSP-TRC:,date,time:::DENIED,01::ID=id,RO=ro,TMPLTNM=tmpltnm,
ED=ed,ET=et,HCRUR=hcrur,CREN=cren:CNT=cnt:ERR=err,VERR=verr;
```

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name.

**Test Case # 485      New Template – TRO is not the same as RO****A. PURPOSE:**

Template can be created by an RO that is owned by another RO (TRO).

**B. TEST PROCEDURE:**

The OS sends this message:

Template Record has a future effective date and time, the first 2 characters of Template Name matches the RO Entity. RO is not the same as the owner of the template (TRO).

```
REQ-TRC:,date,time:::::
ID=ART99000,RO=ART99,AC=N,TRO=ART01,TMPLTNM="*ART01-
TEST01,ED=ed,ET=et:IEC=iec:IAC=iac:DESCRIP=descr,NOTE=note,NCON=ncon,
CTEL=ctel:ANET=anet:LNS=lns:NODE=node:CNT11=cnt11:V=v1.c:V=v2.c.....:V=vr
.c:PEC=pec,PAC=pac,Z=z,DS=ds:CNT12=cnt12:TYPE=type,LBLlbl,SORT=sort,DEF=
def;
```

**C. EXPECTED RESULTS:**

Successful creation of a New Template Record.

SMS/800 responds with this message:

```
RSP-TRC:,date,time:::COMPLD,00::ID=id,RO=ro,TMPLTNM=tmpltnm,
TMPLTID=tmpltid,ED=ed,ET=et,HCRUR=hcrur,CREN=cren;
The OS will also receive a Template Record activation notification (UNS-CRA) when it reaches
the template eff. date/time.
```

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name.

**Test Case # 486      New Template – without TRO tag****A. PURPOSE:**

Template can be created by an RO that is owned by itself.

**B. TEST PROCEDURE:**

The OS sends this message:

Template Record has a future effective date and time. The RO creates a template for its own Resp Org.

```
REQ-TRC:,date,time:::::
ID=id,RO=ro,AC=N,TMPLTNM=tmpltnm,ED=ed,ET=et:IEC=iec:IAC=iac:DESCRIP=
desrp,NOTE=note,NCON=ncon,CTEL=ctel:ANET=anet:LNS=lns:NODE=node:CNT1
1=cnt11:V=v1.c:V=v2.c.....:V=vr.c:PEC=pec,PAC=pac,Z=z,DS=ds:CNT12=cnt12:TY
PE=type,LBLlbl,SORT=sort,DEF=def;
```

**C. EXPECTED RESULTS:**

Successful creation of a New Template Record.

SMS/800 responds with this message:

```
RSP-TRC:,date,time:::COMPLD,00::ID=id,RO=ro,TMPLTNM=tmpltnm,
TMPLTID=tmpltid,ED=ed,ET=et,HCRUR=hcrur,CREN=cren;
```

The OS will also receive a Template Record activation notification (UNS-CRA) when it reaches the template eff. date/time.

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name.

**Test Case # 487      New Template – include POTS# in CNT9****A. PURPOSE:**

Template should not contain CNT8 and CNT9 tags.

**B. TEST PROCEDURE:**

The OS sends this message:

Template Record has a future effective date and time.

```
REQ-TRC:,date,time:::::
ID=id,RO=ro,AC=N,TRO=tro,TMPLTNM=tmpltnm,ED=ed,ET=et:IEC=iec:IAC=iac:D
ESCRIP=descr,NOTE=note:NCON=ncon,CTEL=ctel:ANET=anet:CNT9=1:TEL=732
6993030,LNS=500:NODE=node:CNT11=cnt11:V=v1.c:V=v2.c.....:V=vr.c:PEC=pec,P
AC=pac,Z=z,DS=ds:CNT12=cnt12:TYPE=type,LBLlbl,SORT=sort,DEF=def;
```

**C. EXPECTED RESULTS:**

Unsuccessful creation of a New Template

Record. SMS/800 responds with this message:

```
RSP-TRC:,date,time:::DENIED,01::ID=id,RO=ro,TMPLTNM=tmpltnm,
ED=ed,ET=et,HCRUR=hcrur,CREN=cren:CNT=cnt:ERR=err,VERR=verr;
```

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name.

**Test Case # 488      New Template – value of LNS is 0, or missing LNS tag****A. PURPOSE:**

Template LNS value should be between 1 and 9999 and the tag should not be missing.

**B. TEST PROCEDURE:**

The OS sends this message:

Template Record has a future effective date and time.

```
REQ-TRC:,date,time:::::
ID=id,RO=ro,AC=N,TMPLTNM=tmpltnm,ED=ed,ET=et:IEC=iec:IAC=iac:DESCRIP=
descrip,NOTE=note,NCON=ncon,CTEL=ctel:ANET=anet:LNS=0:NODE=node:CNT11
=cnt11:V=v1.c:V=v2.c.....:V=vr.c:PEC=pec,PAC=pac,Z=z,DS=ds:CNT12=cnt12:TYP
E=type,LBLlbl,SORT=sort,DEF=def;
```

**C. EXPECTED RESULTS:**

Unsuccessful creation of a New Template

Record. SMS/800 responds with this message:

```
RSP-TRC:,date,time:::DENIED,01::ID=id,RO=ro,TMPLTNM=tmpltnm,
ED=ed,ET=et,HCRUR=hcrur,CREN=cren:CNT=cnt:ERR=err,VERR=verr;
```

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name.

**Test Case # 489      New Template – ANET contains invalid Network(s)****A. PURPOSE:**

Template network of ANET should be one of the following: US, XA, XB, XC, CN and CR.

**B. TEST PROCEDURE:**

The OS sends this message:

Template Record ANET contains specific CCS network(s).

```
REQ-TRC:,date,time:::::
ID=id,RO=ro,AC=N,TMPLTNM=tmpltnm,ED=ed,ET=et:IEC=iec:IAC=iac:DESCRIP=
descrip,NOTE=note,NCON=ncon,CTEL=ctel:ANET=SB:LNS=lns:NODE=node:CNT11
=cnt11:V=v1.c:V=v2.c.....:V=vr.c:PEC=pec,PAC=pac,Z=z,DS=ds:CNT12=cnt12:TYP
E=type,LBLlbl,SORT=sort,DEF=def;
```

**C. EXPECTED RESULTS:**

Unsuccessful creation of a New Template

Record. SMS/800 responds with this message:

```
RSP-TRC:,date,time:::DENIED,01::ID=id,RO=ro,TMPLTNM=tmpltnm,
ED=ed,ET=et,HCRUR=hcrur,CREN=cren:CNT=cnt:ERR=err,VERR=verr;
```

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name.

**Test Case # 490      New Template – Active TAD only****A. PURPOSE:**

Create a New Template with ED="NOW" that contains only TAD information.

**B. TEST PROCEDURE:**

The OS sends this message:

Template Record has effective date ED="NOW", no CPR and LAD information. OS receives UNS-CRA when template eff. date/time reaches.

REQ-TRC:,date,time:::::  
ID=id,RO=ro,AC=N,TMPLTNM=tmpltnm,ED="NOW":IEC=iec:IAC=iac:DESCRIP=d  
escrip,NOTE=note,NCON=ncon,CTEL=ctel:ANET=anet:LNS=lns;

**C. EXPECTED RESULTS:**

Successful creation of a New Template Record.

SMS/800 responds with this message:

RSP-TRC:,date,time:::COMPLD,00::ID=id,RO=ro,TMPLTNM=tmpltnm,  
TMPLTID=tmpltid,ED=ed,ET=et,HCRUR=hcrur,CREN=cren;

The OS will also receive a Template Record activation notification (UNS-CRA).

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name.

**Test Case # 491      New Template – Pending TAD only****A. PURPOSE:**

Create a New Template with future eff. date/time that contains only TAD information.

**B. TEST PROCEDURE:**

The OS sends this message:

Template Record has a future effective date/time, no CPR and LAD information. OS will receive UNS-CRA when template eff. date/time reaches.

```
REQ-TRC:,date,time:::::
ID=id,RO=ro,AC=N,TMPLTNM=tmpltnm,ED="NOW":IEC=iec:IAC=iac:DESCRIP=d
escrip,NOTE=note,NCON=ncon,CTEL=ctel:ANET=anet:LNS=lns;
```

**C. EXPECTED RESULTS:**

Successful creation of a New Template Record.

SMS/800 responds with this message:

```
RSP-TRC:,date,time:::COMPLD,00::ID=id,RO=ro,TMPLTNM=tmpltnm,
TMPLTID=tmpltid,ED=ed,ET=et,HCRUR=hcrur,CREN=cren;
```

The OS will also receive a Template Record activation notification (UNS-CRA) when it reaches the template eff. date/time.

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name.

**Test Case # 492      TAD only Template – Add one more carrier, will require CPR****A. PURPOSE:**

Change a TAD onlyTemplate to add one more carrier.

**B. TEST PROCEDURE:**

The OS sends this message:

Add one more CIC to Template.

```
REQ-TRC:,date,time::::ID=id,RO=ro,AC=C,TMPLTNM=tmpltnm,ED=ed,ET=et:
IEC="CNT1=02,cic1,cic2":IAC="CNT2=02,cic1,cic2";
```

**C. EXPECTED RESULTS:**

Unsuccessful change Template Record. CPR is required for this template.

SMS/800 responds with this message:

```
RSP-TRC:,date,time:::
DENIED,10::ID=id,RO=ro,TMPLTNM=tmpltnm,ED=ed,ET=et:CNT=01:ERR=1071,VERR="TH
IS CUSTOMER RECORD REQUIRES MORE INFORMATION THAT MUST BE INPUT IN
CPR";
```

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name.

**Test Case # 493      New Template – IEC is different from IAC****A. PURPOSE:**

Template IEC should be the same as IAC.

**B. TEST PROCEDURE:**

The OS sends this message:

Template Record where there are different carriers for Inter Lata versus Intra Lata.

```
REQ-TRC:,date,time:::::
ID=id,RO=ro,AC=N,TMPLTNM=tmpltnm,ED=ed,ET=et:IEC="CNT1=01,3300":IAC=
"CNT2=01,2200":DESCRIP=descr,NOTE=note,NCON=ncon,CTEL=ctel:ANET=anet
:LNS=lns:NODE=node:CNT11=cnt11:V=v1.c:V=v2.c.....:V=vr.c:PEC=pec,PAC=pac,
Z=z,DS=ds:CNT12=cnt12:TYPE=type,LBLlbl,SORT=sort,DEF=def;
```

**C. EXPECTED RESULTS:**

Successful creation of a New Template Record with Invalid or Failed status.

SMS/800 responds with this message:

```
RSP-TRC:,date,time:::DENIED,10::ID=id,RO=ro,TMPLTNM=tmpltnm,
TMPLTID=tmpltid,ED=ed,ET=et,HCRUR=hcrur,CREN=cren:CNT=cnt:
ERR=err,VERR=verr;
```

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name.

**Test Case # 494      New Template – CPR value of TEL# is not '#DIAL'****A. PURPOSE:**

Template the values of TEL# node in CPR should be in value of '#DIAL's.

**B. TEST PROCEDURE:**

The OS sends this message:

Template Record where the value of TEL# nodes in CNT11 are not '#DIAL'.

```
REQ-TRC:,date,time:::::
ID=id,RO=ro,AC=ac,TMPLTNM=tmpltnm,ED=ed,ET=et:IEC=iec:IAC=iac:DESCRIP=descrpt,NOT
E=note,NCON=ncon,CTEL=ctel:ANET=anet:LNS=lns:
NODE="CNT10=004,LT,CA,TE,AN":CNT11=003:V="nn1,XXX1000,DIAL#,":
V="nn2,YYY1001,7326993030,:V="OTHER,,OBA":PEC=pec,PAC=pac,Z=z,DS=ds:CNT12=cnt1
2:TYPE=type,LBLlbl,SORT=sort,DEF=def;
```

**C. EXPECTED RESULTS:**

Unsuccessful creation of a New Template.

SMS/800 responds with this message:

```
RSP-TRC:,date,time:::DENIED,01::ID=id,RO=ro,TMPLTNM=tmpltnm,
ED=ed,ET=et,HCRUR=hcrur,CREN=cren:CNT=cnt:ERR=err,VERR=verr;
```

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name.

**Test Case # 495      New Template – Active complex template (TAD, CPR/LAD)****A. PURPOSE:**

Create a complex Template with ED="NOW".

**B. TEST PROCEDURE:**

The OS sends this message:

Template Record where ED="NOW". OS receives UNS-CRA when template eff. date/time reaches.

REQ-TRC:,date,  
time::::ID=id,RO=ro,AC=ac,TRO=tro,TMPLTNM=tmpltnm,ED=ed,ET=et:IEC=iec:IAC=iac:DESC  
RIP=descr,NOTE=note,NCON=ncon,CTEL=ctel:ANET=anet:LNS=lns:NODE=node:CNT11=cnt1  
1:V=v1.c:V=v2.c.....:V=vr.c:PEC=pec,PAC=pac,Z=z,DS=ds:CNT12=cnt12:TYPE=type,LBLlbl,SO  
RT=sort,DEF=def;

**C. EXPECTED RESULTS:**

Successful creation of a New Template.

SMS/800 responds with this message:

RSP-TRC:,date,time:::COMPLD,00::ID=id,RO=ro,TMPLTNM=tmpltnm,  
TMPLTID=tmpltid,ED=ed,ET=et,HCRUR=hcrur,CREN=cren;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name.

**Test Case # 496      New Template – Pending complex template (TAD, CPR/LAD)****A. PURPOSE:**

Create a complex Template with a future eff. date/time.

**B. TEST PROCEDURE:**

The OS sends this message:

Template Record where the eff. date/time is the future. OS will receive UNS-CRA when the template eff. date/time reaches.

REQ-TRC:,date,  
time::::ID=id,RO=ro,AC=ac,TRO=tro,TMPLTNM=tmpltnm,ED=ed,ET=et:IEC=iec:IAC=iac:DESC  
RIP=descr,NOTE=note,NCON=ncon,CTEL=ctel:ANET=anet:LNS=lns:NODE=node:CNT11=cnt1  
1:V=v1.c:V=v2.c.....:V=vr.c:PEC=pec,PAC=pac,Z=z,DS=ds:CNT12=cnt12:TYPE=type,LBLlbl,SO  
RT=sort,DEF=def;

**C. EXPECTED RESULTS:**

Successful creation of a New Template.

SMS/800 responds with this message:

RSP-TRC:,date,time:::COMPLD,00::ID=id,RO=ro,TMPLTNM=tmpltnm,  
TMPLTID=tmpltid,ED=ed,ET=et,HCRUR=hcrur,CREN=cren;

The OS will also receive a Template Record activation notification (UNS-CRA) when the eff. date/time reaches.

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name.

**Test Case # 497      New Template – Requires CIC's approval****A. PURPOSE:**

Create a complex Template with a future eff. date/time that requires CIC's approval. The Template Name and pointer count (PTRCNT) will be returned in the UNS-SNA message sent to the carrier.

**B. TEST PROCEDURE:**

The OS sends this message:

Template Record where the eff. date/time is the future.

```
REQ-TRC:,date,
time::::ID=id,RO=ro,AC=N,TRO=tro,TMPLTNM=tmpltnm,ED=ed,ET=et:IEC=iec:IAC=iac:DESC
RIP=descr,NOTE=note,NCON=ncon,CTEL=ctel:ANET=anet:LNS=lns:NODE=node:CNT11=cnt1
1:V=v1.c:V=v2.c.....:V=vr.c:PEC=pec,PAC=pac,Z=z,DS=ds:CNT12=cnt12:TYPE=type,LBLlbl,SO
RT=sort,DEF=def;
```

**C. EXPECTED RESULTS:**

Successful creation of a New Template.

SMS/800 responds with this message:

```
RSP-TRC:,date,time:::COMPLD,00::ID=id,RO=ro,TMPLTNM=tmpltnm,
TMPLTID=tmpltid,ED=ed,ET=et:CNTA=01:ERR1=9008;
```

The Carrier (CIC) will receive a Template Record approval notification (UNS-SNA).

UNS-

```
SNA:,date,time:::00:RO=ro,TMPLTNM=tmpltnm,ED=ed,ET=et,STAT=stat,APP=AW,LUED=lu
ed,LUET=luet,CHG=chg,PTRCNT=ptrcnt:IEC=iec:IAC=iac:ANET=anet:LNS=lns:NODE="CNT
10=cnt10:CNT11=cnt11:V=v1:V=v2.....:V=vn:PEC=pec,PAC=pac,Z=z,DS=ds,CIC=cic,AP=Y:
CNT12=cnt12:TYPE=type,DEF="CNT13=cnt13";
```

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name. GNA setting for the CIC that approves the template is needed.

## 21.3 CHANGE/COPY/TRANSFER TEMPLATES REQ-TRC, AC=C & AC=T

### Test Case # 498      Change Template – Change Resp Org of an existing template

#### A. PURPOSE:

Change the Resp Org of an existing Template is not allowed.

#### B. TEST PROCEDURE:

The OS sends this message:

Change Template Record owner by specifying NEWRO with a new ED/ET.

REQ-TRC:,date,  
time::::ID=id,RO=ro,AC=C,NEWRO=newro,TMPLTNM=tmpltnm,ED=ed,ET=et:IEC=iec:IAC=iac  
:DESCRIP=descr,NOTE=note,NCON=ncon,CTEL=ctel:ANET=anet:LNS=lns:NODE=node:CNT1  
1=cnt11:V=v1.c:V=v2.c.....:V=vr.c:PEC=pec,PAC=pac,Z=z,DS=ds:CNT12=cnt12:TYPE=type,LBL  
lbl,SORT=sort,DEF=def;

#### C. EXPECTED RESULTS:

Unsuccessful change a Template.

SMS/800 responds with this message:

RSP-TRC:,date,time:::DENIED,01::ID=id,RO=ro,TMPLTNM=tmpltnm,  
ED=ed,ET=et,HCRUR=hcrur,CREN=cren:CNT=cnt:ERR=err,VERR=verr;

#### D. COMMENTS:

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name.

**Test Case # 499      Change Template – change carrier of a pending template****A. PURPOSE:**

Change the carrier of a pending Template is allowed before it goes Active.

**B. TEST PROCEDURE:**

The OS sends this message:

Change Template Record's carrier information in IEC or IAC tag with CNT11 changes (if applicable) with a new ED/ET.

REQ-TRC:,date,  
time::::ID=id,RO=ro,AC=C,TMPLTNM=tmpltnm,ED=ed,ET=et:IEC=iec:IAC=iac:DESCRIP=ip,N  
OTE=note,NCON=ncon,CTEL=ctel:ANET=anet:LNS=lns:NODE=node:CNT11=cnt11:V=  
v1.c:V=v2.c.....:V=vr.c:PEC=pec,PAC=pac,Z=z,DS=ds:CNT12=cnt12:TYPE=type,LBLLbl,SORT=s  
ort,DEF=def;

**C. EXPECTED RESULTS:**

Successful change a Template.

SMS/800 responds with this message:

RSP-TRC:,date,time:::COMPLD,00::ID=id,RO=ro,TMPLTNM=tmpltnm,  
TMPLTID=tmpltid,ED=ed,ET=et,HCRUR=hcrur,CREN=cren;

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name.

**Test Case # 500      Change Template – change #LNS of a pending template****A. PURPOSE:**

Change the #LNS of a pending Template is allowed before it goes Active.

**B. TEST PROCEDURE:**

The OS sends this message:

Change Template Record's Number of Lines information in LNS tag with a new ED/ET.

REQ-TRC:,date,

time:::::ID=id,RO=ro,AC=C,TMPLTNM=tmpltnm,ED=ed,ET=et:IEC=iec:IAC=iac:DESCRIP=ip,N  
OTE=note,NCON=ncon,CTEL=ctel:ANET=anet:LNS=lns:NODE=node:CNT11=cnt11:V=v1.c:  
V=v2.c.....:V=vr.c:PEC=pec,PAC=pac,Z=z,DS=ds:CNT12=cnt12:TYPE=type,LBLlbl,SORT=sort,D  
EF=def;

**C. EXPECTED RESULTS:**

Successful change a Template.

SMS/800 responds with this message:

RSP-TRC:,date,time:::COMPLD,00:::ID=id,RO=ro,TMPLTNM=tmpltnm,  
TMPLTID=tmpltid,ED=ed,ET=et,HCRUR=hcrur,CREN=cren;

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name.

**Test Case # 501      Copy Template – there is another template between source and target****A. PURPOSE:**

Copy a Template forward where there is a template in between the source template and the target template is not allowed.

**B. TEST PROCEDURE:**

The OS sends this message:

Copy Template Record forward with SEFD where another version of template exists further away from the target ED/ET.

```
REQ-TRC:,date,
time:::::ID=id,RO=ro,AC=C,TMPLTNM=tmpltnm,ED=ed,ET=et,SEFD=sefd:IEC=iec:IAC=iac:DE
SCRIP=descrip,NOTE=note,NCON=ncon,CTEL=ctel:ANET=anet:LNS=lns:NODE=node:CNT11=c
nt11:V=v1.c:V=v2.c.....:V=vr.c:PEC=pec,PAC=pac,Z=z,DS=ds:CNT12=cnt12:TYPE=type,LBLLBL
SORT=sort,DEF=def;
```

**C. EXPECTED RESULTS:**

Unsuccessful change a Template.

SMS/800 responds with this message:

```
RSP-TRC:,date,time:::DENIED,01::ID=id,RO=ro,TMPLTNM=tmpltnm,
ED=ed,ET=et,HCRUR=hcrur,CREN=cren:CNT=cnt:ERR=err,VERR=verr;
```

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name.

**Test Case # 502      Copy Template – from an Active template to NOW****A. PURPOSE:**

Successfully copy an Active Template forward to NOW.

**B. TEST PROCEDURE:**

The OS sends this message:

Copy Template Record forward with ED="NOW".

REQ-TRC:,date,

time:::::ID=id,RO=ro,AC=C,TMPLTNM=tmpltnm,ED="NOW":IEC=iec:IAC=iac:DESCRIP=descri  
p,NOTE=note,NCON=ncon,CTEL=ctel:ANET=anet:LNS=lns:NODE=node:CNT11=cnt11:V=v1.c:  
V=v2.c.....:V=vr.c:PEC=pec,PAC=pac,Z=z,DS=ds:CNT12=cnt12:TYPE=type,LBLlbl,SORT=sort,D  
EF=def;

**C. EXPECTED RESULTS:**

Successful change a Template. OS receives UNS-CRA when template eff.

date/time reaches.

SMS/800 responds with this message:

RSP-TRC:,date,time:::COMPLD,00::ID=id,RO=ro,TMPLTNM=tmpltnm,  
TMPLTID=tmpltid,ED=ed,ET=et,HCRUR=hcrur,CREN=cren;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name.

**Test Case # 503      Copy Template – with SEFD****A. PURPOSE:**

Successfully copy a Template forward with SEFD tag.

**B. TEST PROCEDURE:**

Copy Template Record forward by specifying the source eff. date/time SEFD.

REQ-TRC:,date,  
time::::ID=id,RO=ro,AC=C,TMPLTNM=tmpltnm,ED=ed,SEFD=sefd:IEC=iec:IAC=iac:DESCRIP  
=descrip,NOTE=note,NCON=ncon,CTEL=ctel:ANET=anet:LNS=lns:NODE=node:CNT11=cnt11:V  
=v1.c:V=v2.c.....:V=vr.c:PEC=pec,PAC=pac,Z=z,DS=ds:CNT12=cnt12:TYPE=type,LBLlbl,SORT  
=sort,DEF=def;

**C. EXPECTED RESULTS:**

Successful change a Template.

SMS/800 responds with this message:

RSP-TRC:,date,time:::COMPLD,00::ID=id,RO=ro,TMPLTNM=tmpltnm,  
TMPLTID=tmpltid,ED=ed,ET=et,HCRUR=hcrur,CREN=cren;

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name.

**Test Case # 504 Transfer Template – from Active template to NOW****A. PURPOSE:**

Transfer an Active Template forward to NOW.

**B. TEST PROCEDURE:**

The OS sends this message:

Transfer Template Record forward with ED="NOW".

REQ-TRC:,date,

time:::::ID=id,RO=ro,AC=T,TMPLTNM=tmpltnm,ED="NOW":IEC=iec:IAC=iac:DESCRIP=descrip,NOTE=note,NCON=ncon,CTEL=ctel:ANET=anet:LNS=lns:NODE=node:CNT11=cnt11:V=v1.c:V=v2.c.....:V=vr.c:PEC=pec,PAC=pac,Z=z,DS=ds:CNT12=cnt12:TYPE=type,LBLlbl,SORT=sort,DEF=def;

**C. EXPECTED RESULTS:**

Successful change a Template. The template goes Active. OS receives UNS-CRA when template eff. date/time reaches.

SMS/800 responds with this message:

RSP-TRC:,date,time:::COMPLD,00::ID=id,RO=ro,TMPLTNM=tmpltnm,  
TMPLTID=tmpltid,ED=ed,ET=et,HCRUR=hcrur,CREN=cren;

When the effective date and time arrives causing this record to be loaded in the SCPs, the OS will also receive a customer record activation notification (UNS-CRA).

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name.

**Test Case # 505 Transfer Template – with carrier change****A. PURPOSE:**

Transfer an Active Template forward with carrier change.

**B. TEST PROCEDURE:**

The OS sends this message:

Transfer Template Record forward and added another carrier into IEC and IAC with NODE changes.

REQ-TRC:,date,  
time::::ID=id,RO=ro,AC=T,TMPLTNM=tmpltnm,ED=ed,ET=et:IEC="CNT1=02,3300,2200":IA  
C="CNT2=02,3300,2200":DESCRIP=descr,NOTE=note,NCON=ncon,CTEL=ctel:ANET=anet:L  
NS=Ins:NODE=node:CNT11=cnt11:V=v1.c:V=v2.c.....:V=vr.c:PEC=pec,PAC=pac,Z=z,DS=ds:CN  
T12=cnt12:TYPE=type,LBLLbl,SORT=sort,DEF=def;

**C. EXPECTED RESULTS:**

Successful change a Template.

SMS/800 responds with this message:

RSP-TRC:,date,time:::COMPLD,00::ID=id,RO=ro,TMPLTNM=tmpltnm,  
TMPLTID=tmpltid,ED=ed,ET=et;

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name.

## 21.4 DELETE TEMPLATES REQ-TRC, AC=X

### Test Case # 506 Delete Template - template contains multiple instances

#### A. PURPOSE:

Delete the last pending instance from a template that contains multiple instances.

#### B. TEST PROCEDURE:

The OS sends this message:

Delete Template Record.

REQ-TRC:,date,  
time::::ID=id,RO=ro,AC=X,TMPLTNM=tmpltnm,ED=ed,ET=et:IEC=iec:IAC=iac:DESCRIP=des  
crip,NOTE=note,NCON=ncon,CTEL=ctel:ANET=anet:LNS=lns:NODE=node:CNT11=cnt11:V=v1.  
c:V=v2.c.....:V=vr.c:PEC=pec,PAC=pac,Z=z,DS=ds:CNT12=cnt12:TYPE=type,LBLlbl,SORT=sort,  
DEF=def;

#### C. EXPECTED RESULTS:

Successful delete a pending Template.

SMS/800 responds with this message:

RSP-TRC:,date,time:::COMPLD,00::ID=id,RO=ro,TMPLTNM=tmpltnm,  
TMPLTID=tmpltid,ED=ed,ET=et,HCRUR=hcrur,CREN=cren;

#### D. COMMENTS:

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name.

**Test Case # 507      Delete Template - template contains single pending instance****A. PURPOSE:**

Delete the only pending instance from a template that contains one instance. The Template Name and record will be removed from the system.

**B. TEST PROCEDURE:**

The OS sends this message:

Delete Template Record.

REQ-TRC:,date,  
time::::ID=id,RO=ro,AC=X,TMPLTNM=tmpltnm,ED=ed,ET=et:IEC=iec:IAC=iac:DESCRIP=des  
crip,NOTE=note,NCON=ncon,CTEL=ctel:ANET=anet:LNS=lns:NODE=node:CNT11=cnt11:V=v1.  
c:V=v2.c.....:V=vr.c:PEC=pec,PAC=pac,Z=z,DS=ds:CNT12=cnt12:TYPE=type,LBLlbl,SORT=sort,  
DEF=def;

**C. EXPECTED RESULTS:**

Successful delete a pending Template.

SMS/800 responds with this message:

RSP-TRC:,date,time:::COMPLD,00::ID=id,RO=ro,TMPLTNM=tmpltnm,  
TMPLTID=tmpltid,ED=ed,ET=et,HCRUR=hcrur,CREN=cren;  
OS sends in REQ-TRL:,date,time::::ID=id,RO=ro,TREN=tren,STMPLTNM=stmpltnm;  
to verify the template list does not contain this template. See the REQ-TRL section for detail.

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name.

## 21.5 DISCONNECT/RESEND TEMPLATE, AC=D & AC=R

### Test Case # 508     Disconnect Template - with REF & EINT tags

#### A. PURPOSE:

Disconnect a template with REF and EINT tags are not allowed.

#### B. TEST PROCEDURE:

The OS sends this message:

Disconnect Template Record.

REQ-TRC:,date,  
time::::ID=id,RO=ro,AC=D,TMPLTNM=tmpltnm,ED=ed,ET=et,REF=ref,EINT=eint;

#### C. EXPECTED RESULTS:

Unsuccessful disconnect a Template.

SMS/800 responds with this message:

RSP-TRC:,date,time:::DENIED,01::ID=id,RO=ro,TMPLTNM=tmpltnm,  
ED=ed,ET=et,HCRUR=hcrur,CREN=cren:CNT=cnt:ERR=err,VERR=verr;

#### D. COMMENTS:

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name.

**Test Case # 509      Disconnect Template – some pointers are still connected****A. PURPOSE:**

Disconnect a template is not allowed when not all pointers point to this template are disconnected.

**B. TEST PROCEDURE:**

The OS sends this message:

Disconnect Template Record.

REQ-TRC:,date, time::::ID=id,RO=ro,AC=D,TMPLTNM=tmpltnm,ED=ed,ET=et,SEFD=sefd;

**C. EXPECTED RESULTS:**

Unsuccessful disconnect a Template.

SMS/800 responds with this message:

RSP-TRC:,date,time::::DENIED,01::ID=id,RO=ro,TMPLTNM=tmpltnm,  
ED=ed,ET=et,HCRUR=hcrur,CREN=cren:CNT=cnt:ERR=err,VERR=verr;

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name.

**Test Case # 510      Disconnect Template – NOW with REFER=Y or N****A. PURPOSE:**

Disconnect a template now is not allowed with REF tag.

**B. TEST PROCEDURE:**

The OS sends this message:

Disconnect Template Record.

REQ-TRC:,date,  
time::::ID=id,RO=ro,AC=D,TMPLTNM=tmpltnm,ED="NOW",SEFD=sefd,REF=ref;

**C. EXPECTED RESULTS:**

Unsuccessful disconnect a Template.

SMS/800 responds with this message:

RSP-TRC:,date,time:::DENIED,01::ID=id,RO=ro,TMPLTNM=tmpltnm,  
ED=ed,ET=et,HCRUR=hcrur,CREN=cren:CNT=cnt:ERR=err,VERR=verr;

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name. Before sending the above message all pointers that point to this template should be disconnected.

**Test Case # 511      Disconnect Template - NOW w/o REFER tag****A. PURPOSE:**

Successfully disconnect a template now without REFER tag.

**B. TEST PROCEDURE:**

The OS sends this message:

Disconnect Template Record.

REQ-TRC:,date, time::::ID=id,RO=ro,AC=D,TMPLTNM=tmpltnm,ED="NOW",SEFD=sefd;

**C. EXPECTED RESULTS:**

Successful disconnect a Template.

SMS/800 responds with this message:

RSP-TRC:,date,time:::COMPLD,00::ID=id,RO=ro,TMPLTNM=tmpltnm,  
TMPLTID=tmpltid,ED=ed,ET=et,HCRUR=hcrur,CREN=cren;

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name. Before sending the above message all pointers that point to this template should be disconnected.

**Test Case # 512      Disconnect Template – future w/o REFER tag****A. PURPOSE:**

Successfully disconnect a template without REFER tag.

**B. TEST PROCEDURE:**

The OS sends this message:

Disconnect Template Record.

REQ-TRC:,date, time::::ID=id,RO=ro,AC=D,TMPLTNM=tmpltnm,ED=ed,ET=et,SEFD=sefd;

**C. EXPECTED RESULTS:**

Successful disconnect a Template.

SMS/800 responds with this message:

RSP-TRC:,date,time:::COMPLD,00::ID=id,RO=ro,TMPLTNM=tmpltnm,  
TMPLTID=tmpltid,ED=ed,ET=et,HCRUR=hcrur,CREN=cren;

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name. Before sending the above message all pointers that point to this template should be disconnected.

**Test Case # 513 Resend Template - after template is disconnected****A. PURPOSE:**

Successfully resend the template after it is disconnected.

**B. TEST PROCEDURE:**

The OS sends this message:

Resend Template Record.

REQ-TRC:,date,  
time:::::ID=id,RO=ro,AC=R,TMPLTNM=tmpltnm,ED=ed,ET=et:IEC=iec:IAC=iac:DESCRIP=ip,N  
OTE=note,NCON=ncon,CTEL=ctel:ANET=anet:LNS=lns:NODE=node:CNT11=cnt11:V=v1.c:  
V=v2.c.....:V=vr.c:PEC=pec,PAC=pac,Z=z,DS=ds:CNT12=cnt12:TYPE=type,LBLlbl,SORT=sort,D  
EF=def;

**C. EXPECTED RESULTS:**

Successful resend a Template.

SMS/800 responds with this message:

RSP-TRC:,date,time:::COMPLD,00::ID=id,RO=ro,TMPLTNM=tmpltnm,  
TMPLTID=tmpltid,ED=ed,ET=et,HCRUR=hcrur,CREN=cren;

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name. Before sending the above message this template should have a disconnect instance.

**Test Case # 514      Create Template - after template is disconnected****A. PURPOSE:**

Successfully create the template after it is disconnected.

**B. TEST PROCEDURE:**

The OS sends this message:

Create Template Record.

REQ-TRC:,date,  
time:::::ID=id,RO=ro,AC=N,TMPLTNM=tmpltnm,ED=ed,ET=et:IEC=iec:IAC=iac:DESCRIP=desc  
rip,NOTE=note,NCON=ncon,CTEL=ctel:ANET=anet:LNS=lns:NODE=node:CNT11=cnt11:V=v1.c  
:V=v2.c.....:V=vr.c:PEC=pec,PAC=pac,Z=z,DS=ds:CNT12=cnt12:TYPE=type,LBLlbl,SORT=sort,  
DEF=def;

**C. EXPECTED RESULTS:**

Successful create a Template.

SMS/800 responds with this message:

RSP-TRC:,date,time:::COMPLD,00::ID=id,RO=ro,TMPLTNM=tmpltnm,  
TMPLTID=tmpltid,ED=ed,ET=et,HCRUR=hcrur,CREN=cren;

**D. COMMENTS:**

Prerequisite assumption – There is no need to reserve a template by the Resp Org. Refer to SR-4592 for the format of the Template Name. Before sending the above message this template should have a disconnect instance.

## 22. TEMPLATE RECORD LIST (REQ-TRL)

A list of the Template Records owned by your Entity can be queried via REQ-TRL message. The starting Template Name can be supplied to receive partial list. Each template description with eff. date/time will be returned.

REQ-TRL:,date,time::::ID=id,RO=ro,TREN=tren,STMPLTNM=stmpltnm;

Successful response –

RSP-TRL:,date,time:::COMPLD,00::ID=id,RO=ro,TREN=tren, STMLPTNM=stmpltnm:LCNT=lcnt:  
TMPLTNM=tmpltnm,DESCRIP=descrip,ED=ed,ET=et;

Unsuccessful response –

RSP-  
TRL:,date,time:::DENIED,01::ID=id,RO=ro,TREN=tren,STMPLTNM=stmpltnm:CNT=cnt:ERR=err,V  
ERR=verr;

**Test Case # 515      Template List – invalid entity ID (TREN)****A. PURPOSE:**

Query a template list that does not belong to your Entity is not allowed.

**B. TEST PROCEDURE:**

The OS sends this message:

Request for Template list where TREN is not the same as the first 2 characters of your ID.

REQ-TRL:,date,time::::ID=id,RO=ro,TREN=tren,STMPLTNM=stmpltnm;

**C. EXPECTED RESULTS:**

Unsuccessful query a Template list.

SMS/800 responds with this message:

RSP-TRL:,date,time::::DENIED,01::ID=id,RO=ro,TREN=tren,  
STMPLTNM=stmpltnm:CNT=cnt:ERR=err,VERR=verr;

**D. COMMENTS:**

Prerequisite assumption – The least length of the STMPLTNM is 4 characters.

**Test Case # 516      Template List – No matching data found****A. PURPOSE:**

Query a template list that no matching data found based on the starting Template Name specified in STMPLTNM tag.

**B. TEST PROCEDURE:**

The OS sends this message:

Request for Template list where the starting Template Name is way beyond your Entity template list.

REQ-TRL:,date,time::::ID=id,RO=ro,TREN=tren,STMPLTNM=stmpltnm;

**C. EXPECTED RESULTS:**

Unsuccessful query a Template list.

SMS/800 responds with this message:

RSP-TRL:,date,time:::DENIED,01::ID=id,RO=ro,TREN=tren,

STMPLTNM=stmpltnm:CNT=cnt:ERR=err,VERR=verr;

**D. COMMENTS:**

Prerequisite assumption – The least length of the STMPLTNM is 4 characters.

**Test Case # 517      Template List – invalid starting termplate name****A. PURPOSE:**

Query a template list that the STMPLTNM tag contains 3 character (e. g. “\*BR”).

**B. TEST PROCEDURE:**

The OS sends this message:

Request for Template list where the starting Template Name contains 3 characters including the asterisk.

REQ-TRL:,date,time::::ID=id,RO=ro,TREN=tren,STMPLTNM=stmpltnm;

**C. EXPECTED RESULTS:**

Unsuccessful query a Template list.

SMS/800 responds with this message:

RSP-TRL:,date,time:::DENIED,01::ID=id,RO=ro,TREN=tren,

STMPLTNM=stmpltnm:CNT=cnt:ERR=err,VERR=verr;

**D. COMMENTS:**

Prerequisite assumption – The least length of the STMPLTNM is 4 characters.

**Test Case # 518      Template List – successful query****A. PURPOSE:**

Successful query a template list.

**B. TEST PROCEDURE:**

The OS sends this message:

Request for Template list where the starting Template Name contains 4 characters including the asterisk.

REQ-TRL:,date,time::::ID=id,RO=ro,TREN=tren,STMPLTNM=stmltnm;

**C. EXPECTED RESULTS:**

Successful query a Template list.

SMS/800 responds with this message:

RSP-TRL:,date,time:::COMPLD,00::ID=id,RO=ro,TREN=tren,  
STMLPTNM=stmltnm:LCNT=lcnt: TMPLTNM=tmpltnm,DESCRIP=descrip,ED=ed,ET=et;

**D. COMMENTS:**

Prerequisite assumption – The least length of the STMPLTNM is 4 characters.

## 23. POINTER RECORD ADMINISTRATION (REQ-CRC)

There are multiple Pointer Records that can point to the same template. Same as the regular CRs, the pointer record administration uses REQ-CRC message to do create, change, copy, transfer, delete, disconnect, resend. The TMPLTPTR is a required tag for Pointer Records in REQ-CRC. This tag is not applicable for the regular records in REQ-CRC (refer to Section 6 for regular CR administration). Also, CNT9 is a required tag when creating Pointer CR. When creating any Pointer Records, the pointed template should have been created in Active status. See REQ-TRC section for template administration before any pointer CR is going to be created. Use REQ-TRL to list all template owned by your company. Like the regular CR, before pointer CR can be created the dial# associated with the pointer CR should be reserved. Resp Org change on pointer CRs will be allowed only if the ED="NOW".

REQ-CRC:,date,  
time::::ID=id,RO=ro,AC=ac,NUM=num,ED=ed,ET=et,TMPLTPTR=tmpltptr,LI=li,SO=so,NOTE=note,  
TELCO=telco,NCON=ncon,CTEL=ctel:CNT8=cnt8:LN=ln:CNT9=cnt9:TEL=tel,LNS=lns;

Successful response –

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num, ED=ed,ET=et,HCRUR=hcrur,CREN=cren;

Failed response –

RSP-CRC:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,  
ED=ed,ET=et,HCRUR=hcrur,CREN=cren:CNT=cnt:ERR=err,VERR=verr;

Warning response –

RSP-CRC:,date,time:::COMPLD,11::ID=id,RO=ro,NUM=num,ED=ed,ET=et,  
HCRUR=hcrur,CREN=cren:CNTA=cnta:ERR1=err1,VERR=verr;

**Test Case # 519      Create Pointer CR – Dial# is spare****A. PURPOSE:**

Create a popinter CR where the dial# is a spare number.

**B. TEST PROCEDURE:**

The OS sends this message:

Create a pointer CR with a spared dial#.

REQ-CRC:,date,  
time:::ID=id,RO=ro,AC=ac,NUM=num,ED=ed,ET=et,TMPLTPTR=tmplptr,LI=li,SO=so,NOTE=  
note,TELCO=telco,NCON=ncon,CTEL=ctel:CNT8=cnt8:LN=ln:CNT9=cnt9:TEL=tel,LNS=lns;

**C. EXPECTED RESULTS:**

Unsuccessful create a pointer CR.

SMS/800 responds with this message:

RSP-CRC:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,  
ED=ed,ET=et,HCRUR=hcrur,CREN=cren:CNT=cnt:ERR=err,VERR=verr;

**D. COMMENTS:**

Prerequisite assumption – To create pointer CR dial# has to be reserved by the Resp Org. Refer to SR-4592 for the format of the template pointer.

**Test Case # 520      Create Pointer CR – TMPLTPTR tag is omitted****A. PURPOSE:**

Create a popinter CR where the TMPLTPTR is not supplied.

**B. TEST PROCEDURE:**

The OS sends this message:

Create a pointer CR without TMPLTPTR.

REQ-CRC:,date,  
time:::ID=id,RO=ro,AC=ac,NUM=num,ED=ed,ET=et,LI=li,SO=so,NOTE=note,TELCO=telco,NC  
ON=ncon,CTEL=ctel:CNT8=cnt8:LN=ln:CNT9=cnt9:TEL=tel,LNS=lns;

**C. EXPECTED RESULTS:**

Unsuccessful create a pointer CR.

SMS/800 responds with this message:

RSP-CRC:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,  
ED=ed,ET=et,HCRUR=hcrur,CREN=cren:CNT=cnt:ERR=err,VERR=verr;

**D. COMMENTS:**

Prerequisite assumption – To create pointer CR dial# has to be reserved by the Resp Org. Refer to SR-4592 for the format of the template pointer.

**Test Case # 521      Create Pointer CR – with missing LNS in CNT9****A. PURPOSE:**

Create a popinter CR where the LNS in CNT9 is not supplied.

**B. TEST PROCEDURE:**

The OS sends this message:

Create a pointer CR without LNS.

REQ-CRC:,date,  
time:::ID=id,RO=ro,AC=ac,NUM=num,ED=ed,ET=et,TMPLTPTR=tmplptr,LI=li,SO=so,NOTE=  
note,TELCO=telco,NCON=ncon,CTEL=ctel:CNT8=cnt8:LN=ln:CNT9=cnt9:TEL=tel;

**C. EXPECTED RESULTS:**

Unsuccessful create a pointer CR.

SMS/800 responds with this message:

RSP-CRC:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,  
ED=ed,ET=et,HCRUR=hcrur,CREN=cren:CNT=cnt:ERR=err,VERR=verr;

**D. COMMENTS:**

Prerequisite assumption – To create pointer CR dial# has to be reserved by the Resp Org. Refer to SR-4592 for the format of the template pointer.

**Test Case # 522      Create Pointer CR – template is in pending status****A. PURPOSE:**

Create a popinter CR where it points to a template that is still in Pending status.

**B. TEST PROCEDURE:**

The OS sends this message:

Create a pointer CR with TMPLTPTR where the template is in Pending status.

time::::ID=id,RO=ro,AC=ac,NUM=num,ED=ed,ET=et,TMPLTPTR=tmpLtptr,LI=li,SO=so,NOTE=note,TELCO=telco,NCON=ncon,CTEL=ctel:CNT8=cnt8:LN=ln:CNT9=cnt9:TEL=tel,LNS=lns;

**C. EXPECTED RESULTS:**

Unsuccessful create a pointer CR.

SMS/800 responds with this message:

RSP-CRC:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,  
ED=ed,ET=et,HCRUR=hcrur,CREN=cren:CNT=cnt:ERR=err,VERR=verr;

**D. COMMENTS:**

Prerequisite assumption – To create pointer CR dial# has to be reserved by the Resp Org. Refer to SR-4592 for the format of the template pointer.

**Test Case # 523      Create Pointer CR – template is in active status****A. PURPOSE:**

Create a popinter CR where it points to a template that is in Active status.

**B. TEST PROCEDURE:**

The OS sends this message:

Create a pointer CR with TMPLTPTR where the template is in Active status.

REQ-CRC:,date,

time::::ID=id,RO=ro,AC=ac,NUM=num,ED=ed,ET=et,TMPLTPTR=tmplptr,LI=li,SO=so,NOTE=note,TELCO=telco,NCON=ncon,CTEL=ctel:CNT8=cnt8:LN=ln:CNT9=cnt9:TEL=tel,LNS=lns;

**C. EXPECTED RESULTS:**

Successful create a pointer CR.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,  
ED=ed,ET=et,HCRUR=hcrur,CREN=cren;

**D. COMMENTS:**

Prerequisite assumption – To create pointer CR dial# has to be reserved by the Resp Org. Refer to SR-4592 for the format of the template pointer.

**Test Case # 524      Pointer CR – Change Resp Org with ED not NOW****A. PURPOSE:**

Change RO on a popinter CR where ED is a future date/time, error 7615 returns. Vice versa, change RO on a regular CR where ED is a future date/time, error 7615 returns.

**B. TEST PROCEDURE:**

The OS sends this message:

Change RO on a pointer CR with NEWRO tag when ED is a future date/time.

REQ-CRC:,date,  
time::::ID=id,RO=ro,AC=C,NEWRO=newro,NUM=num,ED=future,ET=et,TMPLTPTR=tmplptr,L  
I=li,SO=so,NOTE=note,TELCO=telco,NCON=ncon,CTEL=ctel:CNT8=cnt8:LN=ln:CNT9=cnt9:TE  
L=tel,LNS=lns;

**C. EXPECTED RESULTS:**

Unsuccessful create a pointer CR.

SMS/800 responds with this message:

RSP-CRC:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,  
ED=ed,ET=et,HCRUR=hcrur,CREN=cren:CNT=cnt:ERR=7615,VERR="RO CHANGE NOW";  
OS send in another request on regular CR RO Change where ED is not NOW, error 7615 returns.

**D. COMMENTS:**

Prerequisite assumption –Refer to SR-4592 for the format of the template pointer.

**Test Case # 525 Pointer CR – Change Resp Org NOW****A. PURPOSE:**

Change Resp Org across Entity on a popinter CR is allowed for ED="NOW". The pointer CR will be converted to a regular CR.

**B. TEST PROCEDURE:**

The OS sends this message:

Change Resp Org on a pointer CR with NEWRO tag and ED is NOW where the NEWRO belongs to another Entity.

REQ-CRC:,date,  
time::::ID=id,RO=ro,AC=C,NEWRO=newro,NUM=num,ED="NOW",TMPLTPTR=tmplptr,LI=li,  
SO=so,NOTE=note,TELCO=telco,NCON=ncon,CTEL=ctel:CNT8=cnt8:LN=ln:CNT9=cnt9:TEL=te  
1,LNS=lns;

**C. EXPECTED RESULTS:**

Successful Resp Org change a pointer CR. It is converted to a regular CR.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,  
ED=ed,ET=et,HCRUR=hcrur,CREN=cren;  
OS belongs to another Entity sends in REQ-CRV to verify the RSP-CRV does not contain  
TMPLTPTR tag and the RO is changed to the NEWRO.

**D. COMMENTS:**

Prerequisite assumption –Refer to SR-4592 for the format of the template pointer.

**Test Case # 526 Pointer CR – Use REQ-CRA to Change pointer****A. PURPOSE:**

Change a popinter CR using REQ-CRA is not allowed.

**B. TEST PROCEDURE:**

The OS sends this message:

Change CTEL for a pointer CR using REQ-CRA.

REQ-CRA:,date, time::::ID=id,RO=ro,AC=C,NUM=num,ED=ed,ET=et,CTEL=ctel;

**C. EXPECTED RESULTS:**

Unsuccessful change a pointer CR using REQ-CRA.

SMS/800 responds with this message:

RSP-

CRA:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,ED=ed,ET=et,CNT=001:ERR=83,VERR  
="NO POINTER REC ";

**D. COMMENTS:**

Prerequisite assumption –Refer to SR-4592 for the error.

**Test Case # 527      Pointer CR – Replace template****A. PURPOSE:**

Replace Template on a pending or active popinter CR.

**B. TEST PROCEDURE:**

The OS sends this message:

Replace Template on a pending or active pointer CR with TMPLTPTR tag.

REQ-CRC:,date, time::::ID=id,RO=ro,AC=C,NUM=num,ED=ed,ET=et,TMPLTPTR=tmplptr;

**C. EXPECTED RESULTS:**

Unsuccessful replace template on a pointer CR if template in TMPLTPTR is pending.

SMS/800 responds with this message:

RSP-CRC:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,  
ED=ed,ET=et,HCRUR=hcrur,CREN=cren:CNT=cnt:ERR=err,VERR=verr;  
OS sends in another REQ-CRC where the template in TMPLTPTR is active. A successfully  
response is received.  
RSP-  
CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et,HCRUR=hcrur,CREN=cren;

**D. COMMENTS:**

Prerequisite assumption –Refer to SR-4592 for the format of the template pointer.

**Test Case # 528      Pointer CR – copy to NOW****A. PURPOSE:**

Copy a pointer CR forward to NOW with TMPLTPTR tag.

**B. TEST PROCEDURE:**

The OS sends this message:

Copy a pending or active pointer CR to NOW.

REQ-CRC:,date,

time::::ID=id,RO=ro,AC=C,NUM=num,ED="NOW",ET=et,TMPLTPTR=tmplptr;

**C. EXPECTED RESULTS:**

Successful copy a pointer CR.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,  
ED=ed,ET=et,HCRUR=hcrur,CREN=cren;

**D. COMMENTS:**

Prerequisite assumption –Refer to SR-4592 for the format of the template pointer.

**Test Case # 529      Pointer CR – transfer to NOW****A. PURPOSE:**

Transfer a pointer CR forward to NOW with TMPLTPTR tag.

**B. TEST PROCEDURE:**

The OS sends this message:

transfer a pending or active pointer CR to NOW.

REQ-CRC:,date,  
time::::ID=id,RO=ro,AC=T,NUM=num,ED="NOW",ET=et,TMPLTPTR=tmplptr;

**C. EXPECTED RESULTS:**

Successful transfer a pointer CR.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,  
ED=ed,ET=et,HCRUR=hcrur,CREN=cren;

**D. COMMENTS:**

Prerequisite assumption –Refer to SR-4592 for the format of the template pointer.

## Test Case # 530      Pointer CR – delete a pending pointer

### A. PURPOSE:

Delete a pointer CR version with TMPLTPTR tag.

### B. TEST PROCEDURE:

The OS sends this message:

Delete a pending pointer CR with TMPLTPTR tag.

REQ-CRC:,date, time::::ID=id,RO=ro,AC=X,NUM=num,ED=ed,ET=et,TMPLTPTR=tmplptr;

### C. EXPECTED RESULTS:

Successful delete a pointer CR.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,  
ED=ed,ET=et,HCRUR=hcrur,CREN=cren;

### D. COMMENTS:

Prerequisite assumption –Refer to SR-4592 for the format of the template pointer.

**Test Case # 531      Pointer CR – disconnect a pointer CR with REFER=Y****A. PURPOSE:**

Disconnect a pointer CR where REFER=Y.

**B. TEST PROCEDURE:**

The OS sends this message:

Disconnect an active pointer CR with REFER=Y with ED="NOW" or future.

REQ-CRC:,date, time::::ID=id,RO=ro,AC=D,NUM=num,ED=ed,ET=et,REFER=Y,EINT=eint;

**C. EXPECTED RESULTS:**

Successful disconnect a pointer CR.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,  
ED=ed,ET=et,HCRUR=hcrur,CREN=cren;

**D. COMMENTS:**

Prerequisite assumption –Refer to SR-4592 for the format of the template pointer.

**Test Case # 532      Pointer CR – disconnect a pointer CR with REFER=N, converted to a regular CR****A. PURPOSE:**

Disconnect a pointer CR where REFER=N. The pointer CR will be converted to a regular CR.

**B. TEST PROCEDURE:**

The OS sends this message:

Disconnect an active pointer CR with REFER=N, ED="NOW" or future.

REQ-CRC:,date, time::::ID=id,RO=ro,AC=D,NUM=num,ED=ed,ET=et,REFER=N,EINT=eint;

**C. EXPECTED RESULTS:**

Successful disconnect a pointer CR. It will be converted to a regular CR automatically by the system.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,  
ED=ed,ET=et,HCRUR=hcrur,CREN=cren;

OS can send in REQ-CRV to verify the last CR version is a regular CR.

**D. COMMENTS:**

Prerequisite assumption –Refer to SR-4592 for the format of the template pointer.

## Test Case # 533      Pointer CR – Resend a disconnected pointer CR

### A. PURPOSE:

Resend a disconnected pointer CR.

### B. TEST PROCEDURE:

The OS sends this message:

Resend a disconnected pointer CR.

REQ-CRC:,date, time::::ID=id,RO=ro,AC=R,NUM=num,ED=ed,ET=et;

### C. EXPECTED RESULTS:

Successful resend a pointer CR.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,  
ED=ed,ET=et,HCRUR=hcrur,CREN=cren;

### D. COMMENTS:

Prerequisite assumption –Refer to SR-4592 for the format of the template pointer.

## Test Case # 534      Pointer CR – create a new pointer CR after a disconnect pointer

### A. PURPOSE:

Create a new pointer CR after a disconnect pointer CR version.

### B. TEST PROCEDURE:

The OS sends this message:

Create a new pointer CR after a disconnected pointer version by specifying source eff. date/time.

REQ-CRC:,date, time::::ID=id,RO=ro,AC=N,NUM=num,ED=ed,ET=et,SEFD=sefd,TMPLTPTR;

### C. EXPECTED RESULTS:

Successful create a pointer CR.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,  
ED=ed,ET=et,HCRUR=hcrur,CREN=cren;

### D. COMMENTS:

Prerequisite assumption –Refer to SR-4592 for the format of the template pointer.

## 24. CUSTOMER RECORD CONVERSION (REQ-CRC)

An individual regular CR can be converted to a pointer CR per request if the Template Name is supplied in the request message. If the request message includes routing tags but without the Template Name, the system will consider this as a change request (AC=C, AC=T, AC=D, AC=R, AC=X) instead of a conversion request. Depending on the combination of the request tags and the type of source record the system will determine to do a change or conversion. Refer to some test case examples in previous section (Pointer CR Administration) that pointer CR being converted to regular CR. Refer to Mass Conversion (MCP) in Automation Section for mass conversion from regular CRs to pointer CRs.

### Test Case # 535 A regular CR is converted to a pointer CR

#### A. PURPOSE:

REQ-CRC, AC=C specifying TMPLTPTR without routing tags: The source (a regular CR) is converted to a pointer CR.

#### B. TEST PROCEDURE:

The OS sends this message:

REQ-CRC:,date, time::::ID=id,RO=ro,AC=C,NUM=num,ED=ed,ET=et,TMPLTPTR;

#### C. EXPECTED RESULTS:

Successful converted from a regular CR to a pointer CR.

SMS/800 responds with this message:

RSP-CRC:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

OS can send in REQ-CRV to verify the conversion.

#### D. COMMENTS:

Prerequisite assumption –Refer to SR-4592 for the format of the template pointer. OS may want to send in REQ-CRV to identify the Dial# is associated with a regular CR or a pointer CR before this conversion/change message is sent.

**Test Case # 536 A regular CR is copied forward with routing change****A. PURPOSE:**

REQ-CRC, AC=C without specifying TMPLTPTR, with routing tags: The source (a regular CR) is copied, with routing changes.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-CRC:,date,  
time::::ID=id,RO=ro,AC=C,NUM=num,ED=ed,ET=et:ANET=anet:IEC=iec:IAC=iac;

**C. EXPECTED RESULTS:**

Successful copy a regular CR forward to a regular CR with changes.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;  
OS can send in REQ-CRV to verify the conversion.

**D. COMMENTS:**

Prerequisite assumption –Refer to SR-4592 for the format of the template pointer. OS may want to send in REQ-CRV to identify the Dial# is associated with a regular CR or a pointer CR before this conversion/change message is sent.

**Test Case # 537 A pointer CR is converted to a regular CR****A. PURPOSE:**

REQ-CRC, AC=C without specifying TMPLTPTR, with routing tags: The source (a pointer CR) is converted to a regular CR.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-CRC:,date,  
time::::ID=id,RO=ro,AC=C,NUM=num,ED=ed,ET=et:ANET=anet:IEC=iec:IAC=iac;

**C. EXPECTED RESULTS:**

Successful convert a pointer CR to a regular CR with new routing information.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;  
OS can send in REQ-CRV to verify the conversion.

**D. COMMENTS:**

Prerequisite assumption –Refer to SR-4592 for the format of the template pointer. OS may want to send in REQ-CRV to identify the Dial# is associated with a regular CR or a pointer CR before this conversion/change message is sent.

**Test Case # 538 A pointer CR is copied forward to a pointer CR****A. PURPOSE:**

REQ-CRC, AC=C specifying TMPLTPTR, without routing tags: The source (a pointer CR) is copied to a pointer CR.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-CRC:,date, time::::ID=id,RO=ro,AC=C,NUM=num,ED=ed,ET=et,TMPLTPTR=tmplptr;

**C. EXPECTED RESULTS:**

Successful copy forward a pointer CR to a pointer CR.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

OS can send in REQ-CRV to verify the conversion.

**D. COMMENTS:**

Prerequisite assumption –Refer to SR-4592 for the format of the template pointer. OS may want to send in REQ-CRV to identify the Dial# is associated with a regular CR or a pointer CR before this conversion/change message is sent.

**Test Case # 539      Convert a disconnected regular CR (without referral) to a pointer is not allowed****A. PURPOSE:**

REQ-CRC, AC=D specifying TMPLTPTR, without routing tags: The source (a disconnected regular CR without referral) is not allowed.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=D,NUM=num,ED=ed,ET=et,TMPLTPTR=tmplptr;

**C. EXPECTED RESULTS:**

Unsuccessful convert a disconnected regular CR to a pointer CR.

SMS/800 responds with this message:

RSP-

CRC:,date,time:::DENIED,01::ID=id,RO=ro,NUM=num,ED=ed,ET=et:CNT=cnt,ERR=err,VERR=verr;

**D. COMMENTS:**

Prerequisite assumption –Refer to SR-4592 for the format of the template pointer. OS may want to send in REQ-CRV to identify the Dial# is associated with a regular CR or a pointer CR before this conversion/change message is sent.

**Test Case # 540      Convert a disconnected regular CR (with referral) to a pointer is allowed****A. PURPOSE:**

REQ-CRC, AC=D specifying TMPLTPTR, without routing tags: The source (a disconnected regular CR with referral) is allowed.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-CRC:,date,time::::ID=id,RO=ro,AC=D,NUM=num,ED=ed,ET=et,TMPLTPTR=tmplptr;

**C. EXPECTED RESULTS:**

Successful convert a disconnected regular CR to a pointer CR.

SMS/800 responds with this message:

RSP-CRC:,date,time::::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

**D. COMMENTS:**

Prerequisite assumption –Refer to SR-4592 for the format of the template pointer. OS may want to send in REQ-CRV to identify the Dial# is associated with a regular CR or a pointer CR before this conversion/change message is sent.

**Test Case # 541      Convert a disconnected pointer CR to a regular is allowed****A. PURPOSE:**

REQ-CRC, AC=D, specifying TMPLTPTR, without routing tags: The source (a disconnected pointer CR with or without referral) is allowed.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-CRC:,date, time::::ID=id,RO=ro,AC=D,NUM=num,ED=ed,ET=et,TMPLTPTR=tmplptr;

**C. EXPECTED RESULTS:**

Successful convert a disconnected pointer CR to a regular CR.

SMS/800 responds with this message:

RSP-CRC:,date,time:::COMPLD,00::ID=id,RO=ro,NUM=num,ED=ed,ET=et;

**D. COMMENTS:**

Prerequisite assumption –Refer to SR-4592 for the format of the template pointer. OS may want to send in REQ-CRV to identify the Dial# is associated with a regular CR or a pointer CR before this conversion/change message is sent.

## 25. OTHER MESSAGES THAT SUPPORT TEMPLATE

Specify TMPLTNM in message REQ-CRV, REQ-CRQ, and REQ-SCP to view or query a Template Record or getting its SCP statuses. The TMPLTNM, TMPLTID, and DESCRIPT wil be included in the RSP-CRV (refer to Section 8 for regular CR). Similar to the carrier view of the regular CR, when involced carrier view a template all template CPR lines will return with the request carrier name & code, other carrier name & codes will be blank out in CPR.

The TMPLTNM will be included in the RSP-CRQ (Section 7 for regular CR) and RSP-SCP (Section 9 for regular CR).

The RSP-CRQ will return up to 10 versions of template statuses with MORE=Y.

```
REQ-CRV:,date,time::::ID=id,RO=ro,TMPLTNM=tmpltnm,SIZE=size;
RSP-CRV:,date,time:::COMPLD,00::ID=id,RO=ro,CRO=cro,TMPLTNM=tmpltnm,TMPLTID=tmpltid,
DESCRIP=descrip,ED=ed,ET=et,STAT=stat,APP=app,CRSIZE=crsize,CRUR=crur:IEC=iec:IAC=iac:
NOTE=note,NCON=ncon,CTEL=ctel:ANET=anet:LNS=lsn:NODE=node:CNT11=cnt11:V=v1:V=v2:
.... :V=vn:Z=C,DS=Y:CNT12=cnt12,LBL=lbl,DEF=cnt13;
```

### **Involved carrier view:**

```
RSP-CRV:,date,time:::COMPLD,00::ID=ART03000,RO=ART03,CRO=ART02,TMPLTNM=tmpltnm,
TMPLTID=tmpltid,DESCRIP=descrip,ED=ed,ET=et,STAT=stat,APP=app,CRSIZE=crsize,CRUR
=crur:IEC=iec:IAC=iac:NOTE=note,NCON=ncon,CTEL=ctel:ANET=anet:LNS=lsn:NODE=node
:CNT11=cnt11:V=v1:V=v2:....:
:V=vn:Z=C,DS=Y:CNT12=cnt12,LBL=lbl,DEF=cnt13....:CNT14=cnt14....:CNT1=1:ERR=09,VERR=
"You ARE INVOLVED";
```

```
REQ-CRQ:,date,time::::ID=id,RO=ro,TMPLTNM=tmpltnm,ED=ed,ET=et;
```

```
RSP-CNT=cnt:ED=ed,ET=et,STAT=stat,APP=app;
CR query returns up to 10 template versions –
```

```
RSP-CRQ:,date,time:::COMPLD,00::ID=id,RO=ro,TMPLTNM=tmpltnm,RED=red,RET=ret,RONUM
=ronum,MORE=Y:CNT=10:ED=ed,ET=et,STAT=stat,APP=app;
```

```
REQ-SCP:,date,tuime::::ID=id,RO=ro,AC=ac,TMPLTNM=tmpltnm,ED=ed,ET=et,CRITICAL=critical:
CNT=cnt,SCP=scp;
```

---

RSP- SCP:,date,time:::COMPLD,11::ID=id,RO=ro,CRO=cro,TMPLTNM=tmpltnm,ED=ed,ET=et,  
CRSTAT=crs tat:SCNT=scnt:SCP=scp,SCPSTAT=scpstat,INAOS=inaos:LCNT=lcnt:LED=led,LET=let,  
LSTATE=lstate: CNTA=cnta:ERR1=err1,VERR=verr;

**Test Case # 542      View a template (REQ-CRV) belongs to another RO in the same Entity****A. PURPOSE:**

Send REQ-CRV with TMPLTNM tag to view a Template Record that belongs to another RO in the same Entity. The template ID and record detail will be returned.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-CRV:,date,time::::ID=ART03000,RO=ART03,TMPLTNM="\*ART02TEST",SIZE=Y;

**C. EXPECTED RESULTS:**

Successful querying a template.

SMS/800 responds with this message:

```
RSP- CRV:,date,time:::COMPLD,00::ID=ART03000,RO=ART03,CRO=ART02,
TMPLTNM=tmpltnm,
TMPLTID=tmpltid,DESCRIP=descrip,ED=ed,ET=et,STAT=stat,APP=app,CRSIZE=crsize,
CRUR =crur:IEC=iec:IAC=iac:NOTE=note,NCON=ncon,CTEL=ctel:ANET=anet:LNS=lsn:
NODE=node :CNT11=cnt11:V=v1:V=v2:....
:V=vn:Z=C,DS=Y:CNT12=cnt12,LBL=lbl,DEF=cnt13;
```

**D. COMMENTS:**

Refer to SR-4592 for the format of the Template Name.

For more similar test cases with non-template, refer to REQ-CRV Section.

**Test Case # 543      Involved Carrier view a template (REQ-CRV)****A. PURPOSE:**

Involved carrier sends REQ-CRV with TMPLTNM tag to view a Template Record that belongs to a control RO. Like the regular CR view, all template CPR lines are shown except other carrier name & codes are not shown in the CPR line.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-CRV:,date,time:::: ID=id,RO=ro,TMPLTNM=tmpltnm,SIZE=Y;

**C. EXPECTED RESULTS:**

Successful querying a template.

SMS/800 responds with this message:

```
RSP- CRV:,date,time:::COMPLD,00::ID=ART03000,RO=ART03,CRO=ART02,
TMPLTNM=tmpltnm,
TMPLTID=tmpltid,DESCRIP=descrip,ED=ed,ET=et,STAT=stat,APP=app,CRSIZE=crsize,
CRUR =crur:IEC=iec:IAC=iac:NOTE=note,NCON=ncon,CTEL=ctel:ANET=anet:LNS=lsn:
NODE=node :CNT11=cnt11:V=v1:V=v2:....
:V=vn:Z=C,DS=Y:CNT12=cnt12,LBL=lbl,DEF=cnt13...:CNT14=cnt14...:CNT1=1:ERR=09,
VERR="YOU ARE INVOLVED";
```

**D. COMMENTS:**

Refer to SR-4592 for the format of the Template Name.

For more similar test cases with non-template, refer to REQ-CRV Section.

**Test Case # 544      Query a Template Record (REQ-CRQ) status****A. PURPOSE:**

Send REQ-CRQ with TMPLTNM tag to query a Template Record status. Like the regular CR, if multiple versions of template exists, Up to 10 versions which ED/ETs are later than the specified ED/ET or most recent versions will return with MORE=Y.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-CRV:,date,time::::ID=id,RO=ro,TMPLTNM=tmpltnm,ED=ed,ET=et;

**C. EXPECTED RESULTS:**

Successful querying a template.

SMS/800 responds with this message:

RSP- CRQ:,date,time:::COMPLD,00::ID=id,RO=ro,TMPLTNM=tmpltnm,RED=red,  
RET=ret,RONUM =ronum,MORE=Y:CNT=10:ED=ed,ET=et,STAT=stat,APP=app;

**D. COMMENTS:**

Refer to SR-4592 for the format of the Template Name. For more similar test cases with non-template, refer to REQ-CRQ Section.

**Test Case # 545 Resend a Template Record deletion (REQ-SCP)****A. PURPOSE:**

Send REQ-SCP with TMPLTNM tag to resend a Template Record deletion.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-

SCP:,date,tuime::::ID=id,RO=ro,AC=D,TMPLTNM=tmpltnm,ED=ed,ET=et,CRITICAL=cri  
tical:CNT=cnt,SCP=scp;

**C. EXPECTED RESULTS:**

Successful querying a template.

SMS/800 responds with this message:

RSP-

SCP:,date,time:::COMPLD,11::ID=id,RO=ro,CRO=cro,TMPLTNM=tmpltnm,ED=ed,ET=et,CRS  
TAT=crstat:SCNT=scnt:SCP=scp,SCPSTAT=scpstat,INAOS=inaos:LCNT=lcnt:LED=led,LET=l  
et,LSTATE=lstate:CNTA=cnta:ERR1=err1,VERR=verr;

Receive a UNS-SCP with result of those out of Area-Of-Service (AOS) SCPs.

**D. COMMENTS:**

Prerequisite assumption –Refer to SR-4592 for the format of the Template Name. For more similar test cases with non-template, refer to REQ-SCP Section.

**Test Case # 546      Audit a Template Record (REQ-SCP) and match****A. PURPOSE:**

Send REQ-SCP with TMPLTNM tag to audit a Template Record and it matches.

**B. TEST PROCEDURE:**

The OS sends this message:

REQ-

SCP:,date,tuime::::ID=id,RO=ro,AC=A,TMPLTNM=tmpltnm,ED=ed,ET=et,CRITICAL=cri  
tical:CNT=cnt,SCP=scp;

**C. EXPECTED RESULTS:**

Successful querying a template.

SMS/800 responds with this message:

RSP-

SCP:,date,time:::COMPLD,11::ID=id,RO=ro,CRO=cro,TMPLTNM=tmpltnm,ED=ed,ET=et,CRS  
TAT=crstat:SCNT=scnt:SCP=scp,SCPSTAT=scpstat,INAOS=inaos:LCNT=lcnt:LED=led,LET=l  
et,LSTATE=lstate:CNTA=cnta:ERR1=err1,VERR=verr;

Receive a UNS-SCP with result of those Area-Of-Service (AOS) SCPs.

**D. COMMENTS:**

Prerequisite assumption –Refer to SR-4592 for the format of the Template Name. For more similar test cases with non-template, refer to REQ-SCP Section.

## **26. VOLUME TEST CASES**

**Test Case # 547      OS Sends 75 Messages****A. PURPOSE:**

Send a volume of messages that might be transmitted within a 1 minute interval during peak hours.

**B. TEST PROCEDURE:**

Generate and send 75 application messages to SMS/800 that will simulate live activities.

**C. EXPECTED RESULTS:**

Software problems were not experienced at both SMS/800 and the OS as a result of messages derived from this test case.

**D. COMMENTS:**

The messages that comprise this test case consists of the following distribution message types:

- Number Administration ----- 63%

- Query one specific DIAL#  
REQ-NSR command with parameter AC=Q ----- 8%
- Search for spare numbers  
REQ-NSR command with parameter AC=S ----- 23%
- Search for and reserve spare numbers  
REQ-NSR command with parameter AC=R ----- 29%
- Number Status Change  
REQ-NSC command with parameter AC=C or S ----- 3%
- Customer Record Administration ----- 37%
  - Create a New Customer Record  
REQ-CRA command with parameter AC=N or  
REQ-CRC command with parameter AC=N ----- 26%
  - Change or Transfer Customer Record  
REQ-CRA command with parameter AC=C or T or  
REQ-CRC command with parameter AC=C or T ----- 1%
  - Disconnect Customer Record  
REQ-CRA command with parameter AC=D or  
REQ-CRC command with parameter AC=D ----- 3%
  - Query for the status of a customer record  
REQ-CRQ command with parameter NUM=num ----- 2%
  - Customer Record Query  
REQ-CRV command with parameter NUM=num ----- 4%
  - Query for the trouble referral number  
REQ-TRN command with parameter ROTRN or NUM - 1%

**Test Case # 548 OS Sends 130 Messages****A. PURPOSE:**

Send a volume of messages that might be transmitted within a 2 minute interval during peak hours.

**B. TEST PROCEDURE:**

Generate and send 130 application messages to SMS/800 that simulate live activities.

**C. EXPECTED RESULTS:**

Software problems were not experienced at both SMS/800 and the OS as a result of messages derived from this test case.

**D. COMMENTS:**

The messages that comprise this test case should consist of the following distribution of message types:

- Number Administration ----- 63%
  - Query one specific DIAL#  
REQ-NSR command with parameter AC=Q ----- 8%
  - Search for spare numbers  
REQ-NSR command with parameter AC=S ----- 23%
  - Search for and reserve spare numbers  
REQ-NSR command with parameter AC=R ----- 29%
  - Number Status Change  
REQ-NSC command with parameter AC=C or S ----- 3%
- Customer Record Administration ----- 37%
  - Create a New Customer Record  
REQ-CRA command with parameter AC=N or  
REQ-CRC command with parameter AC=N ----- 26%
  - Change or Transfer Customer Record  
REQ-CRA command with parameter AC=C or T or  
REQ-CRC command with parameter AC=C or T ----- 1%
  - Disconnect Customer Record  
REQ-CRA command with parameter AC=D or  
REQ-CRC command with parameter AC=D ----- 3%
  - Query for the status of a customer record  
REQ-CRQ command with parameter NUM=num ----- 2%
  - Customer Record Query  
REQ-CRV command with parameter NUM=num ----- 4%
  - Query for the trouble referral number  
REQ-TRN command with parameter ROTRN or NUM - 1%

**Test Case # 549 OS Sends 195 Messages****A. PURPOSE:**

Send a volume of messages that might be transmitted within a 3 minute interval during peak hours.

**B. TEST PROCEDURE:**

Generate and send 195 application messages to SMS/800 that will simulate live activities.

**C. EXPECTED RESULTS:**

Software problems were not experienced at both SMS/800 and the OS as a result of messages derived from this test case.

**D. COMMENTS:**

The messages that comprise this test case should consist of the following distribution of message types:

- Number Administration ----- 63%
  - Query one specific DIAL#  
REQ-NSR command with parameter AC=Q ----- 8%
  - Search for spare numbers  
REQ-NSR command with parameter AC=S ----- 23%
  - Search for and reserve spare numbers  
REQ-NSR command with parameter AC=R ----- 29%
  - Number Status Change  
REQ-NSC command with parameter AC=C or S ----- 3%
- Customer Record Administration ----- 37%
  - Create a New Customer Record  
REQ-CRA command with parameter AC=N or  
REQ-CRC command with parameter AC=N ----- 26%
  - Change or Transfer Customer Record  
REQ-CRA command with parameter AC=C or T or  
REQ-CRC command with parameter AC=C or T ----- 1%
  - Disconnect Customer Record  
REQ-CRA command with parameter AC=D or  
REQ-CRC command with parameter AC=D ----- 3%
  - Query for the status of a customer record  
REQ-CRQ command with parameter NUM=num ----- 2%
  - Customer Record Query  
REQ-CRV command with parameter NUM=num ----- 4%
  - Query for the trouble referral number  
REQ-TRN command with parameter ROTRN or NUM - 1%

**Test Case # 550 OS Sends 260 Messages****A. PURPOSE:**

Send a volume of messages that might be transmitted within a 4 minute interval during peak hours.

**B. TEST PROCEDURE:**

Generate and send 260 application messages to SMS/800 that will simulate live activities.

**C. EXPECTED RESULTS:**

Software problems were not experienced at both SMS/800 and the OS as a result of messages derived from this test case.

**D. COMMENTS:**

The messages that comprise this test case should consist of the following distribution of message types:

- Number Administration ----- 63%
  - Query one specific DIAL#  
REQ-NSR command with parameter AC=Q ----- 8%
  - Search for spare numbers  
REQ-NSR command with parameter AC=S ----- 23%
  - Search for and reserve spare numbers  
REQ-NSR command with parameter AC=R ----- 29%
  - Number Status Change  
REQ-NSC command with parameter AC=C or S ----- 3%
- Customer Record Administration ----- 37%
  - Create a New Customer Record  
REQ-CRA command with parameter AC=N or  
REQ-CRC command with parameter AC=N ----- 26%
  - Change or Transfer Customer Record  
REQ-CRA command with parameter AC=C or T or  
REQ-CRC command with parameter AC=C or T ----- 1%
  - Disconnect Customer Record  
REQ-CRA command with parameter AC=D or  
REQ-CRC command with parameter AC=D ----- 3%
  - Query for the status of a customer record  
REQ-CRQ command with parameter NUM=num ----- 2%
  - Customer Record Query  
REQ-CRV command with parameter NUM=num ----- 4%
  - Query for the trouble referral number  
REQ-TRN command with parameter ROTRN or NUM - 1%

**Test Case # 551 OS Sends 325 Messages****A. PURPOSE:**

Send a volume of messages that might be transmitted within a 5 minute interval during peak hours.

**B. TEST PROCEDURE:**

Generate and send 325 application messages to SMS/800 that will simulate live activities.

**C. EXPECTED RESULTS:**

Software problems were not experienced at both SMS/800 and the OS as a result of messages derived from this test case.

**D. COMMENTS:**

The messages that comprise this test case should consist of the following distribution of message types:

- Number Administration ----- 63%
  - Query one specific DIAL#  
REQ-NSR command with parameter AC=Q ----- 8%
  - Search for spare numbers  
REQ-NSR command with parameter AC=S ----- 23%
  - Search for and reserve spare numbers  
REQ-NSR command with parameter AC=R ----- 29%
  - Number Status Change  
REQ-NSC command with parameter AC=C or S ----- 3%
- Customer Record Administration ----- 37%
  - Create a New Customer Record  
REQ-CRA command with parameter AC=N or  
REQ-CRC command with parameter AC=N ----- 26%
  - Change or Transfer Customer Record  
REQ-CRA command with parameter AC=C or T or  
REQ-CRC command with parameter AC=C or T ----- 1%
  - Disconnect Customer Record  
REQ-CRA command with parameter AC=D or  
REQ-CRC command with parameter AC=D ----- 3%
  - Query for the status of a customer record  
REQ-CRQ command with parameter NUM=num ----- 2%
  - Customer Record Query  
REQ-CRV command with parameter NUM=num ----- 4%
  - Query for the trouble referral number  
REQ-TRN command with parameter ROTRN or NUM - 1%

**Test Case # 552 OS Sends 390 Messages****A. PURPOSE:**

Send a volume of messages that might be transmitted within a 6 minute interval during peak hours.

**B. TEST PROCEDURE:**

Generate and send 390 application messages to SMS/800 that will simulate live activities.

**C. EXPECTED RESULTS:**

Software problems were not experienced at both SMS/800 and the OS as a result of messages derived from this test case.

**D. COMMENTS:**

The messages that comprise this test case should consist of the following distribution of message types:

- Number Administration ----- 63%
  - Query one specific DIAL#  
REQ-NSR command with parameter AC=Q ----- 8%
  - Search for spare numbers  
REQ-NSR command with parameter AC=S ----- 23%
  - Search for and reserve spare numbers  
REQ-NSR command with parameter AC=R ----- 29%
  - Number Status Change  
REQ-NSC command with parameter AC=C or S ----- 3%
- Customer Record Administration ----- 37%
  - Create a New Customer Record  
REQ-CRA command with parameter AC=N or  
REQ-CRC command with parameter AC=N ----- 26%
  - Change or Transfer Customer Record  
REQ-CRA command with parameter AC=C or T or  
REQ-CRC command with parameter AC=C or T ----- 1%
  - Disconnect Customer Record  
REQ-CRA command with parameter AC=D or  
REQ-CRC command with parameter AC=D ----- 3%
  - Query for the status of a customer record  
REQ-CRQ command with parameter NUM=num ----- 2%
  - Customer Record Query  
REQ-CRV command with parameter NUM=num ----- 4%
  - Query for the trouble referral number  
REQ-TRN command with parameter ROTRN or NUM - 1%

**Test Case # 553 OS Sends 455 Messages****A. PURPOSE:**

Send a volume of messages that might be transmitted within a 7 minute interval during peak hours.

**B. TEST PROCEDURE:**

Generate and send 455 application messages to SMS/800 that will simulate live activities.

**C. EXPECTED RESULTS:**

Software problems were not experienced at both SMS/800 and the OS as a result of messages derived from this test case.

**D. COMMENTS:**

The messages that comprise this test case should consist of the following distribution of message types:

- Number Administration ----- 63%
  - Query one specific DIAL#  
REQ-NSR command with parameter AC=Q ----- 8%
  - Search for spare numbers  
REQ-NSR command with parameter AC=S ----- 23%
  - Search for and reserve spare numbers  
REQ-NSR command with parameter AC=R ----- 29%
  - Number Status Change  
REQ-NSC command with parameter AC=C or S ----- 3%
- Customer Record Administration ----- 37%
  - Create a New Customer Record  
REQ-CRA command with parameter AC=N or  
REQ-CRC command with parameter AC=N ----- 26%
  - Change or Transfer Customer Record  
REQ-CRA command with parameter AC=C or T or  
REQ-CRC command with parameter AC=C or T ----- 1%
  - Disconnect Customer Record  
REQ-CRA command with parameter AC=D or  
REQ-CRC command with parameter AC=D ----- 3%
  - Query for the status of a customer record  
REQ-CRQ command with parameter NUM=num ----- 2%
  - Customer Record Query  
REQ-CRV command with parameter NUM=num ----- 4%
  - Query for the trouble referral number  
REQ-TRN command with parameter ROTRN or NUM - 1%

**Test Case # 554 OS Sends 520 Messages****A. PURPOSE:**

Send a volume of messages that might be transmitted within a 8 minute interval during peak hours.

**B. TEST PROCEDURE:**

Generate and send 520 application messages to SMS/800 that will simulate live activities.

**C. EXPECTED RESULTS:**

Software problems were not experienced at both SMS/800 and the OS as a result of messages derived from this test case.

**D. COMMENTS:**

The messages that comprise this test case should consist of the following distribution of message types:

- Number Administration ----- 63%
  - Query one specific DIAL#  
REQ-NSR command with parameter AC=Q ----- 8%
  - Search for spare numbers  
REQ-NSR command with parameter AC=S ----- 23%
  - Search for and reserve spare numbers  
REQ-NSR command with parameter AC=R ----- 29%
  - Number Status Change  
REQ-NSC command with parameter AC=C or S ----- 3%
- Customer Record Administration ----- 37%
  - Create a New Customer Record  
REQ-CRA command with parameter AC=N or  
REQ-CRC command with parameter AC=N ----- 26%
  - Change or Transfer Customer Record  
REQ-CRA command with parameter AC=C or T or  
REQ-CRC command with parameter AC=C or T ----- 1%
  - Disconnect Customer Record  
REQ-CRA command with parameter AC=D or  
REQ-CRC command with parameter AC=D ----- 3%
  - Query for the status of a customer record  
REQ-CRQ command with parameter NUM=num ----- 2%
  - Customer Record Query  
REQ-CRV command with parameter NUM=num ----- 4%
  - Query for the trouble referral number  
REQ-TRN command with parameter ROTRN or NUM - 1%

**Test Case # 555 OS Sends 585 Messages****A. PURPOSE:**

Send a volume of messages that might be transmitted within a 9 minute interval during peak hours.

**B. TEST PROCEDURE:**

Generate and send 585 application messages to SMS/800 that will simulate live activities.

**C. EXPECTED RESULTS:**

Software problems were not experienced at both SMS/800 and the OS as a result of messages derived from this test case.

**D. COMMENTS:**

The messages that comprise this test case should consist of the following distribution of message types:

- Number Administration ----- 63%
  - Query one specific DIAL#  
REQ-NSR command with parameter AC=Q ----- 8%
  - Search for spare numbers  
REQ-NSR command with parameter AC=S ----- 23%
  - Search for and reserve spare numbers  
REQ-NSR command with parameter AC=R ----- 29%
  - Number Status Change  
REQ-NSC command with parameter AC=C or S ----- 3%
- Customer Record Administration ----- 37%
  - Create a New Customer Record  
REQ-CRA command with parameter AC=N or  
REQ-CRC command with parameter AC=N ----- 26%
  - Change or Transfer Customer Record  
REQ-CRA command with parameter AC=C or T or  
REQ-CRC command with parameter AC=C or T ----- 1%
  - Disconnect Customer Record  
REQ-CRA command with parameter AC=D or  
REQ-CRC command with parameter AC=D ----- 3%
  - Query for the status of a customer record  
REQ-CRQ command with parameter NUM=num ----- 2%
  - Customer Record Query  
REQ-CRV command with parameter NUM=num ----- 4%
  - Query for the trouble referral number  
REQ-TRN command with parameter ROTRN or NUM - 1%



**Test Case # 556 OS Sends 650 Messages****A. PURPOSE:**

Send a volume of messages that might be transmitted within a 10 minute interval during peak hours.

**B. TEST PROCEDURE:**

Generate and send 650 application messages to SMS/800 that will simulate live activities.

**C. EXPECTED RESULTS:**

Software problems were not experienced at both SMS/800 and the OS as a result of messages derived from this test case.

**D. COMMENTS:**

The messages that comprise this test case should consist of the following distribution of message types:

- Number Administration ----- 63%
  - Query one specific DIAL#  
REQ-NSR command with parameter AC=Q ----- 8%
  - Search for spare numbers  
REQ-NSR command with parameter AC=S ----- 23%
  - Search for and reserve spare numbers  
REQ-NSR command with parameter AC=R ----- 29%
  - Number Status Change  
REQ-NSC command with parameter AC=C or S ----- 3%
- Customer Record Administration ----- 37%
  - Create a New Customer Record  
REQ-CRA command with parameter AC=N or  
REQ-CRC command with parameter AC=N ----- 26%
  - Change or Transfer Customer Record  
REQ-CRA command with parameter AC=C or T or  
REQ-CRC command with parameter AC=C or T ----- 1%
  - Disconnect Customer Record  
REQ-CRA command with parameter AC=D or  
REQ-CRC command with parameter AC=D ----- 3%
  - Query for the status of a customer record  
REQ-CRQ command with parameter NUM=num ----- 2%
  - Customer Record Query  
REQ-CRV command with parameter NUM=num ----- 4%
  - Query for the trouble referral number  
REQ-TRN command with parameter ROTRN or NUM - 1%

**Test Case # 557      SMS/800 Sends 400 Unsolicited Messages****A. PURPOSE:**

Send a volume of messages that might be transmitted within a 10 minute interval during peak hours.

**B. TEST PROCEDURE:**

Generate and send application messages to SMS/800 that will simulate live activities. The SMS/800 will respond with Unsolicited messages such as UNS-CRA, UNS-SNA, UNS-ACT and UNS-APP.

**C. EXPECTED RESULTS:**

Software problems were not experienced at both SMS/800 and the OS as a result of messages derived from this test case.

**D. COMMENTS:**

The messages that comprise this test case should consist of the following distribution of message types:

- UNS-CRA ----- 70%
  - Create a New Customer Record - (UNS-CRA)  
REQ-CRA command with parameter AC=N ----- 35%
  - REQ-CRC command with parameter AC=N ----- 35%
- UNS-SNA, UNS-APP UNS-ACT ----- 30%
  - Carrier Notification and Approval  
REQ-CRA command with parameter AC=C  
REQ-CRC command with parameter AC=C