BRITISH COLUMBIA
Ministry of Health and
Ministry Responsible for Seniors

HEALTHNET/BC

Health Registry Standard (HRS)

Compliance Tests

Version 1.0

For Application Services Professional and Software Compliance Standards
Health Registry Standard, Version 2.0, September 30, 1999

April 2000

This page intentionally left blank

TABLE OF CONTENTS

1 OVERVIEW 1-1
1.1 TESTING PHILOSOPHY 1-1
1.2 TESTING PREREQUISITES 1-1

2 HEALTH REGISTRY STANDARD (HRS) TRANSACTIONS 2-1
2.1 R01 – RECORD NEWBORN 2-1
2.1.1 Excluded Tests 2-1
2.1.2 Test # R01.01 – Verify Multiple Births and PHN Association 2-1
2.2 R02 – RECORD NEW PERSON 2-4
2.2.1 Excluded Tests 2-4
2.2.2 Test # R02.01 – Verify Canada Post Compliant Address Process 2-4
2.2.3 Test # R02.02 – Verify Duplicate Override Process 2-7
2.2.4 Test # R02.03 – Verify Address Override Process (#1) 2-9
2.2.5 Test # R02.04 – Verify Address Override Process (#2) 2-12
2.2.6 Test # R02.05 – Verify Address Override Process (#3) 2-14
2.2.7 Test # R02.06 – Verify Address Override Process (#4) 2-17
2.3 R03 – GET PERSON DEMOGRAPHICS 2-20
2.3.1 Excluded Tests 2-20
2.3.2 Test # R03.01 – Merged PHN 2-21
2.4 R05 – VALIDATE ADDRESS 2-23
2.4.1 Excluded Tests 2-23
2.4.2 Test # R05.01 – Best Guess Process 2-23
2.5 R06 – UPDATE PERSON DEMOGRAPHICS 2-24
2.5.1 Excluded Tests 2-24
2.5.2 Test # R06.01 – Get Before Update Process 2-24
2.6 R07 – UPDATE PERSON ADDRESS 2-26
2.6.1 Excluded Tests 2-26
2.6.2 Test # R07.01 – Get Before Update Process 2-27
2.6.3 Test # R07.02 – Verify Address Override Process (#1) 2-28
2.6.4 Test # R07.03 – Verify Address Override Process (#2) 2-31
2.6.5 Test # R07.04 – Verify Address Override Process (#3) 2-33
2.6.6 Test # R07.05 – Verify Address Override Process (#4) 2-35
2.7 R08 – RECORD DEATH EVENT 2-37
2.7.1 Excluded Tests 2-37
2.7.2 Test # R08.01 – Get Before Update Process 2-37
2.8 R09 – SEARCH FOR PERSON 2-39
2.8.1 Excluded Tests 2-39
2.8.2 Test # R09.01 – PSN Default/Display Standards 2-39
2.9 R15 – CHECK BENEFICIARY COVERAGE STATUS 2-40
2.9.1 Excluded Tests 2-40
2.9.2 Test # R15.01 – Display Standards 2-40
2.10 R16 – GET BENEFICIARY COVERAGE PERIODS 2-41
2.10.1 Excluded Tests 2-41
2.10.2 Test # R16.01 – Display Standards 2-41
2.11 R20 – RECORD DOCUMENT 2-42
2.11.1 Excluded Tests 2-42
2.11.2 Test # R20.01 – Required Fields 2-42
2.12 R21 – GET DOCUMENT SUMMARY 2-45
2.12.1 Excluded Tests 2-45
2.12.2 Test # R21.01 – Display Standards 2-45
2.13 R22 – GET DOCUMENT DETAIL 2-46
2.13.1 Excluded Tests 2-46
2.13.2 Test # R22.01 – Display Standards 2-46
2.14 R25 – ENROLL EMPLOYEE 2-47
2.14.1 Excluded Tests 2-47
2.14.2 Test # R25.01 – Search before Enrollment Process 2-47

2.15 R26 – ENROLL EMPLOYEE DEPENDENT 2-50
2.15.1 Excluded Tests 2-50
2.15.2 Test # R26.01 – Search before Enrollment Process 2-50
2.16 R30 – ESTABLISH PAYER RELATIONSHIP 2-53
2.16.1 Excluded Tests 2-53
2.16.2 Test # R30.01 – Establish Payer Relationship with 1 Address 2-53
2.16.3 Test # R30.02 – Establish Payer Relationship with 2 Addresses 2-54
2.17 R31 – ESTABLISH PAYER RELATIONSHIP FOR DEPENDENT 2-57
2.17.1 Excluded Tests 2-57
2.17.2 Test # R31.01 – Add Spouse to Group Contract 2-57
2.18 R32 – GET CONTRACT PERIODS 2-59
2.18.1 Excluded Tests 2-59
2.18.2 Test # R32.01 – Display Standards 2-59
2.19 R33 – COMPLETE PERSON INFORMATION 2-60
2.19.1 Excluded Tests 2-60
2.19.2 Test # R33.01 – Update Person Process 2-60
2.20 R34 – UPDATE EMPLOYEE NUMBER AND/OR DEPARTMENT 2-62
2.20.1 Excluded Tests 2-62
2.20.2 Test # R34.01 – Reset Employee Number 2-62
2.21 R35 – END PAYER RELATIONSHIP 2-63
2.21.1 Excluded Tests 2-63
2.21.2 Test # R35.01 – Display Standards 2-63
2.22 R36 – END PAYER RELATIONSHIP FOR DEPENDENT 2-64
2.22.1 Excluded Tests 2-64
2.22.2 Test # R36.01 – Display Standards 2-64
2.23 R37 – GET ACCOUNT/CONTRACT ADDRESS 2-66
2.23.1 Excluded Tests 2-66
2.23.2 Test # R37.01 – Display Standards 2-66
2.24 R38 – UPDATE ACCOUNT/CONTRACT ADDRESS 2-67
2.24.1 Excluded Tests 2-67
2.24.2 Test # R38.01 – Update Address Process 2-67
2.25 R39 – UPDATE ACCOUNT/CONTRACT PHONE NUMBER 2-69
2.25.1 Excluded Tests 2-69
2.25.2 Test # R39.01 – Update Phone Process 2-69
2.26 R40 – ACCOUNT/CONTRACT INQUIRY 2-71
2.26.1 Excluded Tests 2-71
2.26.2 Test # R40.01 – Display Standards 2-71
2.27 R41 – NEW PAYER INQUIRY 2-72
2.27.1 Excluded Tests 2-72
2.27.2 Test # R41.01 – Display Standards 2-72

1 OVERVIEW

This document contains the compliance tests for the standards and rules contained in the Application Services Professional and Software Compliance Standards - Health Registry Standard (HRS), Version 2.0 dated September 30, 1999.

These tests are provided to Software Support Organizations (SSOs) to enable them to comply with the standards in the above mentioned compliance specification.

1.1 TESTING PHILOSOPHY

HL7 syntax errors are not specifically tested. This includes poorly constructed HL7 transactions (missing segments0, additional segments, partial transactions) and missing fields. The SSO will be required to demonstrate successful submission of syntactically correct HL7 messages through the HL7 Message Transponder before a compliance test can be undertaken.

1.2 TESTING PREREQUISITES

As a prerequisite to a compliance test, SSOs must successfully submit each transaction they wish tested using the HL7 Message Transponder. QA will review HL7 Message Transponder logs to verify. Therefore, all of the following compliance tests have assumed syntactically correct transactions.

The SSO must start a trace log of all transactions prior to commencing a compliance test. This log will be provided to QA upon completion of the compliance test for verification of results. The trace log must record all input and corresponding output HL7 transactions that were submitted and received as part of the compliance test.

All entries in the log must contain:

1. Date/timestamp;
2. Copy of HL7 input transaction; and,
3. Copy of corresponding HL7 output transaction.

In addition, the SSO must be able to add notes to the log indicating the start and end of a test, such as “Test R02.02 START” and “Test R02.02 END”.

This page intentionally left blank

2 HEALTH REGISTRY STANDARD (HRS) TRANSACTIONS

2.1 R01 – RECORD NEWBORN

2.1.1 Excluded Tests

The following rules will not be tested for this transaction:

a) 4.2.2 #3

Date of birth on PID must be less than or equal to current (today's) date.

In addition, there are no specific Field Notes tests for this transaction.

2.1.2 Test # R01.01 – Verify Multiple Births and PHN Association

Send 2 R01 Record Newborn transactions to confirm multiple births and correct association of PHNs to persons.

Each R01 transaction is meant to be successful first time, with no duplicate record on the Health Registry system. R03 Get Person Demographics transactions are performed to verify the creation of the PHNs.

Rule(s) to be Tested

a) 4.2.2 #1

If the sending system is capable of storing person data, it must as a minimum record the person's PHN against the person record if this transaction is successful.

b) 4.2.2 #2

The baby's first given name must be defaulted to "BABY GIRL X" or "BABY BOY X" where "X" is "A", "B", "C", etc. "B", "C" etc. are used to distinguish multiple births for the same parent.

The Health Registry will also validate Sex (Gender) on PID with the baby's first name (Extended Person Name on ZIA). If name = "BABY BOY X", then sex (gender) must be "M". If name = "BABY GIRL X", then sex (gender) must be "F".

c) Minimum Display/Print Standards for a successful transaction.

Prerequisites

None.

2.1 R01 – RECORD NEWBORN (cont'd)

2.1.2 Test # R01.01 – Verify Multiple Births and PHN Association (cont'd)

Data: Submission #1 – R01 to record newborn boy.

Seg	HL7 Field (Other Name)	Data
PID	Date of Birth	19990828
PID	Sex (Gender)	M
ZIA	Extended Person Name.Family Name Extended Person Name.First Given Name Extended Person Name.Name Type Code	ALBERT BABY BOY A K
NK1	Relationship.Identifier Next of Kin/Associated Party's Identifiers.ID Next of Kin/Associated Party's Identifiers.Namespace ID of Assigning Authority Next of Kin/Associated Party's Identifiers.Identifier Type Code	MT 9151082756 BC PH

Test Verification: Submission #1 – R01 to record newborn boy.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	4.2.2. #1: SSO to dump database record that clearly demonstrate PHN on their local files, associated with named individual above.		
2)		X	Minimum Display/Print Standards: SSO to provide screen print showing newly created PHN.		
3)	X		QA to verify person indicated above has been properly added to Health Registry database, including verification of who (org/userid) put it on the database.		

Data: Submission #2 – R01 to record newborn girl.

Seg	HL7 Field (Other Name)	Data
PID	Date of Birth	19990828
PID	Sex (Gender)	F
ZIA	Extended Person Name.Family Name Extended Person Name.First Given Name Extended Person Name.Name Type Code	ALBERT BABY GIRL B K
NK1	Relationship.Identifier Next of Kin/Associated Party's Identifiers.ID Next of Kin/Associated Party's Identifiers.Namespace ID of Assigning Authority Next of Kin/Associated Party's Identifiers.Identifier Type Code	MT 9151082756 BC PH

2.1 R01 – RECORD NEWBORN (cont'd)

2.1.2 Test # R01.01 – Verify Multiple Births and PHN Association (cont'd)

Test Verification: Submission #2 – R01 to record newborn girl.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	4.2.2. #1: SSO to dump database record that clearly demonstrate PHN on their local files, associated with named individual above.		
2)	X		QA to verify person indicated above has been properly added to Health Registry database, including verification of who (org/userid) put it on the database.		

Data: Submission #3 – R03 to verify newborn boy added properly.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID	PHN created in Submission #1 above
	External Patient ID.Namespace ID of Assigning Authority	BC
	External Patient ID.Identifier Type Code	PH

Test Verification: Submission #3 – R03 to verify newborn boy added properly.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	SSO to provide screen print of Minimum Display/Print Standards fields for R03 as verification that R03 data = R01 on submission #1.		

Data: Submission #4 – R03 to verify newborn girl added properly.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID	PHN created in Submission #2 above
	External Patient ID.Namespace ID of Assigning Authority	BC
	External Patient ID.Identifier Type Code	PH

Test Verification: Submission #3 – R03 to verify newborn girl added properly.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	SSO to provide screen print of Minimum Display/Print Standards fields for R03 as verification that R03 data = R01 on submission #2.		

2.2 R02 – RECORD NEW PERSON

2.2.1 Excluded Tests

The following rules will not be tested for this transaction:

a) 4.3.2 #4

Zip or Postal Code required if Address Type of Extended Address on ZIA = “M” (mailing). A Zip or Postal Code is optional for other Address Types.

If Zip or Postal Code specified, must be of the form ANANAN, where A is alpha, N is numeric. Must start with “V” if State or Province is “BC” (British Columbia).

b) 4.3.2 #5

Address Validation: test 5 of 5 will not be tested:

Invalid Address: “Best Guess” not returned:

If a best guess address was not returned the user must either:

i) Correct the original address and resubmit transaction with corrected address with Address Validation Override Indicator on ZIA input = “N” causing the address validation routine to attempt validation on the updated address.

c) 4.3.2 #6

Family Name of Extended Person Name on PID must start with “A” through “Z”.

d) 4.3.2 #7

Date of birth on PID must be less than or equal to current (today’s) date.

In addition, there are no specific Field Notes tests for this transaction.

2.2.2 Test # R02.01 – Verify Canada Post Compliant Address Process

Send an R09 Search for Person transaction to search Health Registry (and not find the new person to be created), then send an R02 Record New Person transaction with a valid CPC address to confirm requirements below. This transaction is meant to be successful first time, with a valid CPC address and no duplicate record on the Health Registry system. An R03 Get Person Demographics is performed to verify the creation of the PHN.

Rule(s) to be Tested

a) 4.3.2 #1

An R09 – Search for Person transaction must be submitted prior to using this transaction to create a new PHN for the same person.

In addition, the user must be prompted with a prompt similar to “This transaction will create a new Personal Health Number (PHN) for this person. Are you certain this person does not have a PHN?” Y/N.

2.2 R02 – RECORD NEW PERSON (cont'd)

2.2.2 Test # R02.01 – Verify Canada Post Compliant Address Process (cont'd)

Rule(s) to be Tested (cont'd)

b) 4.3.2 #2

If the sending system is capable of storing person data, it must as a minimum record the person's PHN against the person record if this transaction is successful.

c) Minimum Display/Print Standards for a successful transaction.

Prerequisites

Named individual below must **not** be on Health Registry, otherwise Duplicate Override Indicator must be set (this is tested separately). More precisely, the Family Name, First Given Name, Sex (gender) and Date of Birth (YYYYMM) must not match any person record on the Health Registry.

Data: Submission #1 – R09 to search for record new person.

Seg	HL7 Field (Other Name)	Data
QRD	Quantity Limited Request.Quantity Quantity Limited Request.Units	25 RD
QRD	What Subject Filter.Identifier	PSN
PID	External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	BC PH
PID	Date of Birth	19500502
PID	Sex (Gender)	M
ZIA	Extended Person Name.Family Name Extended Person Name.First Given Name	JACKSON RICHARD

Test Verification: Submission #1 – R09 to search for new person.

#	QA	SSO	Verification	Pass Fail	Comments
1)			No test verification		

Data: Submission #2 – R02 to record new person.

Seg	HL7 Field (Other Name)	Data
ZTL	Duplicate Override Indicator	N
PID	Date of Birth	19500502
PID	Sex (Gender)	M
ZIA	Extended Person Name.Family Name Extended Person Name.First Given Name Extended Person Name.Name Type Code	JACKSON RICHARD L
ZIA	Extended Address.Address Line1 Extended Address.City Extended Address.State or Province Extended Address.Zip or Postal Code Extended Address.Country Extended Address.Address Type	1220 FORT ST VICTORIA BC V8V3L2 CAN M
ZIA	Address Validation Override Indicator	N

2.2 R02 – RECORD NEW PERSON (cont'd)

2.2.2 Test # R02.01 – Verify Canada Post Compliant Address Process (cont'd)

Test Verification: Submission #2 – R02 to record new person.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	4.3.2. #1: SSO to provide proof (screen prints) indicating that an R02 cannot be submitted without a preceeding R09.		
2)		X	4.3.2. #1: SSO to provide screen print for prompt prior to adding new record.		
3)	X		4.3.2. #1: QA to review transaction logs to confirm R09 issued prior to any R02.		
4)	X		QA to verify person indicated above has been properly added to Health Registry database, including verification of who (org/userid) put it on the database.		
5)		X	4.3.2. #2: SSO to dump database record that clearly demonstrate PHN on their local files, associated with named individual above.		
6)		X	Minimum Display/Print Standards: SSO to provide screen print showing newly created PHN.		

Data: Submission #3 – R03 to verify person added properly.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID	PHN created in Submission #2 above
	External Patient ID.Namespace ID of Assigning Authority	BC
	External Patient ID.Identifier Type Code	PH

Test Verification: Submission #3 – R03 to verify person added properly.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	SSO to provide screen print of Minimum Display/Print Standards fields for R03 as verification that R03 data = R02 on submission #1.		

2.2 R02 – RECORD NEW PERSON (cont'd)

2.2.3 Test # R02.02 – Verify Duplicate Override Process

Send 2 R02 Record New Person transactions to test duplicate override procedures listed below. The first R02 will have duplicate override set to "N", while the second will have it set to "Y".

This transaction is **not** meant to be successful first time as there will be a duplicate record on the Health Registry system. The second R02 should be successful, as the flag will indicate that the duplicate name should be ignored.

An R03 Get Person Demographics is **not** performed to verify the creation of the PHN, as this is covered in test R02.01.

Rule(s) to be Tested

a) 4.3.2 #3

Sending system software must not allow end users to set the Duplicate Override Indicator; it must be set by sending system software only.

The first time this transaction is submitted for a person, the sending system software must set the Duplicate Override Indicator to "N" for "No" so that the Health Registry will confirm that a duplicate record is not being added. The only time the Duplicate Override Indicator can be set to "Y" for "Yes" is if the Health Registry has rejected the R02 transaction and the user has confirmed through positive action that the person record being added is not a duplicate.

b) Minimum Display/Print Standards for a not successful transaction.

Prerequisites

Named individual below must be on Health Registry, so that the Health Registry rejects the transaction until a second submission from the sending system (with override = Y) is submitted.

Data: Submission #1 – R09 to search for record new person.

Seg	HL7 Field (Other Name)	Data
QRD	Quantity Limited Request.Quantity Quantity Limited Request.Units	25 RD
QRD	What Subject Filter.Identifier	PSN
PID	External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	BC PH
PID	Sex (Gender)	F
ZIA	Extended Person Name.Family Name Extended Person Name.First Given Name	PRINGLE MICHELE

Test Verification: Submission #1 – R09 to search for new person.

#	QA	SSO	Verification	Pass Fail	Comments
1)			No test verification		

2.2 R02 – RECORD NEW PERSON (cont'd)

2.2.3 Test # R02.02 – Verify Duplicate Override Process (cont'd)

Data: Submission #2 – R02 to record new person.

Seg	HL7 Field (Other Name)	Data
ZTL	Duplicate Override Indicator	N
PID	Date of Birth	19630822
PID	Sex (Gender)	F
ZIA	Extended Person Name.Family Name Extended Person Name.First Given Name Extended Person Name.Name Type Code	PRINGLE MICHELE L
ZIA	Extended Address.Address Line1 Extended Address.City Extended Address.State or Province Extended Address.Zip or Postal Code Extended Address.Country Extended Address.Address Type	701 CANYON ST RR3 CRESTON BC V0B1G3 CAN M
ZIA	Address Validation Override Indicator	N

Test Verification: Submission #2 – R02 to record new person.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	4.3.2. #3: SSO to provide screen print of screen used to enter new person information, demonstrating user is unable to set duplicate override indicator.		
2)		X	Minimum Display/Print Standards: SSO to provide screen print showing error message (duplicate clients found on database, client not added).		

Data: Submission #3 – R02 to record new person with duplicate override indicator as Yes.

Seg	HL7 Field (Other Name)	Data
ZTL	Duplicate Override Indicator	Y
		+ same values as submission #2 for other fields (e.g., Family Name)

Test Verification: Submission #3 – R02 to record new person with duplicate override indicator as Yes.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	4.3.2 #3: SSO to provide screen print for screen prompt that was presented to user to override duplicate person record.		
2)	X		4.3.2. #3: QA to review transaction logs to confirm 2 submissions of R02 with Duplicate Override Indicator on first transaction = "N" and = "Y" on second transaction. Confirm field values the same between the 2 transactions.		

2.2 R02 – RECORD NEW PERSON (cont'd)

2.2.4 Test # R02.03 – Verify Address Override Process (#1)

Send 2 R02 Record New Person transactions to test address validation procedures listed below. The first R02 will have a non-CPC (Canada Post Compliant) address and the second R02 will have a valid CPC address.

An R03 Get Person Demographics is **not** performed to verify the creation of the PHN, as this is covered in test R02.01.

NOTE: This is test 1 of 5 related to address validation:

a) **Invalid address, best guess returned, best guess selected for 2nd submission.**
b) Invalid address, best guess returned, original address selected for 2nd submission.
c) Invalid address, best guess returned, original address altered for 2nd submission.
d) Invalid address, best guess not returned, original address selected for 2nd submission.
e) Invalid address, best guess not returned, original address altered for 2nd submission.

Rule(s) to be Tested

a) 4.3.2 #5

   Sending system software must not allow end users to set the Address Override Indicator; it must be set by sending system software only.

   Invalid Address: "Best Guess" returned:

   If a best guess address was returned, it must be displayed to the user along with the original address submitted. The user may either:

   i) Select the "guessed" address, resubmit the transaction with the "guessed" address and Address Validation Override Indicator on ZIA input set to "N" (the sending system should also be updated with the "guessed" address).

Prerequisites

Named individual below must **not** be on Health Registry, otherwise Duplicate Override Indicator must be set (this is tested separately). More precisely, the Family Name, First Given Name, Sex (gender) and Date of Birth (YYYYMM) must not match any person record on the Health Registry.

2.2 R02 – RECORD NEW PERSON (cont'd)

2.2.4 Test # R02.03 – Verify Address Override Process (#1) (cont'd)

Data: Submission #1 – R09 to search for record new person.

Seg	HL7 Field (Other Name)	Data
QRD	Quantity Limited Request.Quantity Quantity Limited Request.Units	25 RD
QRD	What Subject Filter.Identifier	PSN
PID	External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	BC PH
PID	Sex (Gender)	F
ZIA	Extended Person Name.Family Name Extended Person Name.First Given Name	WORTHINGTON ALEISHA

Test Verification: Submission #1 – R09 to search for new person.

#	QA	SSO	Verification	Pass Fail	Comments
1)			No test verification		

Data: Submission #2 – R02 to record new person with invalid address.

Seg	HL7 Field (Other Name)	Data
ZTL	Duplicate Override Indicator	N
PID	Date of Birth	19630215
PID	Sex (Gender)	F
ZIA	Extended Person Name.Family Name Extended Person Name.First Given Name Extended Person Name.Name Type Code	WORTHINGTON ALEISHA L
ZIA	Extended Address.Address Line1 Extended Address.City Extended Address.State or Province Extended Address.Zip or Postal Code Extended Address.Country Extended Address.Address Type	490 VANCOUVER ST FAIRFIELD BC V8V3T7 CAN M
ZIA	Address Validation Override Indicator	N

Test Verification: Submission #2 – R02 to record new person with invalid address.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	4.3.2. #5: SSO to provide screen print of screen used to enter new person information, demonstrating user is unable to set address validate override indicator.		

2.2 R02 – RECORD NEW PERSON (cont'd)

2.2.4 Test # R02.03 – Verify Address Override Process (#1) (cont'd)

Data: Submission #3 – R02 to record new person with best guess.

Seg	HL7 Field (Other Name)	Data
ZIA		Results of BEST GUESS returned on submission #2
	Extended Address.Address Line1	490 VANCOUVER ST
	Extended Address.City	VICTORIA
	Extended Address.State or Province	BC
	Extended Address.Zip or Postal Code	V8V3T7
	Extended Address.Country	CAN
	Extended Address.Address Type	M
ZIA	Address Validation Override Indicator	N
		+ same values as submission #2 for other fields (e.g., Family Name)

Test Verification: Submission #3 – R02 to record new person with best guess.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	4.3.2 #5: SSO to provide screen print for prompt to display original and best guess addresses and selection of guess.		
2)	X		4.3.2. #5: QA to review transaction logs to confirm 2 submissions of R02 with Address Validation Override Indicator = "N" on submission #1 and = "N" on submission #2. Confirm address field values on submission #1 and #2.		

2.2 R02 – RECORD NEW PERSON (cont'd)

2.2.5 Test # R02.04 – Verify Address Override Process (#2)

Send 2 R02 Record New Person transactions to test address validation procedures listed below. The first R02 will have a non-CPC (Canada Post Compliant) address and the second R02 will have a valid CPC address.

An R03 Get Person Demographics is **not** performed to verify the creation of the PHN, as this is covered in test R02.01.

NOTE: This is test 2 of 5 related to address validation:

a) Invalid address, best guess returned, best guess selected for 2nd submission.

b) **Invalid address, best guess returned, original address selected for 2nd submission**.

c) Invalid address, best guess returned, original address altered for 2nd submission.

d) Invalid address, best guess not returned, original address selected for 2nd submission.

e) Invalid address, best guess not returned, original address altered for 2nd submission.

Rule(s) to be Tested

a) 4.3.2 #5

Invalid Address: "Best Guess" returned:

If a best guess address was returned, it must be displayed to the user along with the original address submitted. The user may either:

i) Select the original address and resubmit the transaction with Address Validation Override Indicator on ZIA input = "Y".

Prerequisites

Named individual below must **not** be on Health Registry, otherwise Duplicate Override Indicator must be set (this is tested separately). More precisely, the Family Name, First Given Name, Sex (gender) and Date of Birth (YYYYMM) must not match any person record on the Health Registry.

Data: Submission #1 – R09 to search for record new person.

Seg	HL7 Field (Other Name)	Data
QRD	Quantity Limited Request.Quantity Quantity Limited Request.Units	25 RD
QRD	What Subject Filter.Identifier	PSN
PID	External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	BC PH
PID	Sex (Gender)	F
ZIA	Extended Person Name.Family Name Extended Person Name.First Given Name	COUPLAND ERICA

2.2 R02 – RECORD NEW PERSON (cont'd)

2.2.5 Test # R02.04 – Verify Address Override Process (#2) (cont'd)

Test Verification: Submission #1 – R09 to search for new person.

#	QA	SSO	Verification	Pass Fail	Comments
1)			No test verification		

Data: Submission #2 – R02 to record new person with invalid address.

Seg	HL7 Field (Other Name)	Data
ZTL	Duplicate Override Indicator	N
PID	Date of Birth	19710111
PID	Sex (Gender)	F
ZIA	Extended Person Name.Family Name Extended Person Name.First Given Name Extended Person Name.Name Type Code	COUPLAND ERICA L
ZIA	Extended Address.Address Line1 Extended Address.City Extended Address.State or Province Extended Address.Zip or Postal Code Extended Address.Country Extended Address.Address Type	413 TAMARACK PLACE VICTORIA BC V8B6T6 CAN M
ZIA	Address Validation Override Indicator	N

Test Verification: Submission #2 – R02 to record new person with invalid address.

#	QA	SSO	Verification	Pass Fail	Comments
1)			No test verification		

Data: Submission #3 – R02 to record new person with unaltered, original address.

Seg	HL7 Field (Other Name)	Data
ZIA	Extended Address.Address Line1 Extended Address.City Extended Address.State or Province Extended Address.Zip or Postal Code Extended Address.Country Extended Address.Address Type	Same as submission #2
ZIA	Address Validation Override Indicator	Y
		+ same values as submission #2 for other fields (e.g., Family Name)

Test Verification: Submission #3 – R02 to record new person with unaltered, original address.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	4.3.2 #5: SSO to provide screen print for prompt to display original and best guess addresses and selection of original.		
2)	X		4.3.2. #5: QA to review transaction logs to confirm 2 submissions of R02 with Address Validation Override Indicator = "N" on submission #1 and = "Y" on submission #2. Confirm address field values on submission #1 and #2		

2.2 R02 – RECORD NEW PERSON (cont'd)

2.2.6 Test # R02.05 – Verify Address Override Process (#3)

Send 2 R02 Record New Person transactions to test address validation procedures listed below. The first R02 will have a non-CPC (Canada Post Compliant) address and the second R02 will have a valid CPC address.

An R03 Get Person Demographics is **not** performed to verify the creation of the PHN, as this is covered in test R02.01.

NOTE: This is test 3 of 5 related to address validation:

a) Invalid address, best guess returned, best guess selected for 2nd submission.
b) Invalid address, best guess returned, original address selected for 2nd submission.
c) **Invalid address, best guess returned, original address altered for 2nd submission.**
d) Invalid address, best guess not returned, original address selected for 2nd submission.
e) Invalid address, best guess not returned, original address altered for 2nd submission.

Rule(s) to be Tested

a) 4.3.2 #5

   Invalid Address: "Best Guess" returned:

   If a best guess address was returned, it must be displayed to the user along with the original address submitted. The user may either:

   i) Correct the original address and resubmit transaction with corrected address with Address Validation Override Indicator on ZIA input = "N" causing the address validation routine to attempt validation on the updated address.

Prerequisites

Named individual below must **not** be on Health Registry, otherwise Duplicate Override Indicator must be set (this is tested separately). More precisely, the Family Name, First Given Name, Sex (gender) and Date of Birth (YYYYMM) must not match any person record on the Health Registry.

2.2 R02 – RECORD NEW PERSON (cont'd)

2.2.6 Test # R02.05 – Verify Address Override Process (#3) (cont'd)

Data: Submission #1 – R09 to search for record new person.

Seg	HL7 Field (Other Name)	Data
QRD	Quantity Limited Request.Quantity Quantity Limited Request.Units	25 RD
QRD	What Subject Filter.Identifier	PSN
PID	External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	BC PH
PID	Sex (Gender)	M
ZIA	Extended Person Name.Family Name Extended Person Name.First Given Name	SHORTT OSCAR

Test Verification: Submission #1 – R09 to search for new person.

#	QA	SSO	Verification	Pass Fail	Comments
1)			No test verification		

Data: Submission #2 – R02 to record new person with invalid address.

Seg	HL7 Field (Other Name)	Data
ZTL	Duplicate Override Indicator	N
PID	Date of Birth	19450302
PID	Sex (Gender)	M
ZIA	Extended Person Name.Family Name Extended Person Name.First Given Name Extended Person Name.Name Type Code	SHORTT OSCAR L
ZIA	Extended Address.Address Line1 Extended Address.City Extended Address.State or Province Extended Address.Zip or Postal Code Extended Address.Country Extended Address.Address Type	330 MOSS ST VICTORIA BC V9A3T7 CAN M
ZIA	Address Validation Override Indicator	N

Test Verification: Submission #2 – R02 to record new person with invalid address.

#	QA	SSO	Verification	Pass Fail	Comments
1)			No test verification		

Data: Submission #3 – R02 to record new person with altered, original address.

Seg	HL7 Field (Other Name)	Data
ZIA	Extended Address.Address Line1 Extended Address.City Extended Address.State or Province Extended Address.Zip or Postal Code Extended Address.Country Extended Address.Address Type	330 MOSS ST VICTORIA BC V8V4M8 CAN M
ZIA	Address Validation Override Indicator	N
		+ same values as submission #3 for other fields (e.g., Family Name)

2.2 R02 – RECORD NEW PERSON (cont'd)

2.2.6 Test # R02.05 – Verify Address Override Process (#3) (cont'd)

Test Verification: Submission #3 – R02 to record new person with altered, original address.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	4.3.2 #5: SSO to provide screen print for prompt to display original and best guess addresses and update of original.		
2)	X		4.3.2. #5: QA to review transaction logs to confirm 2 submissions of R02 with Address Validation Override Indicator = "N" on submission #1 and = "N" on submission #2. Confirm address field values on submission #1 and #2.		

2.2 R02 – RECORD NEW PERSON (cont'd)

2.2.7 Test # R02.06 – Verify Address Override Process (#4)

Send 2 R02 Record New Person transactions to test address validation procedures listed below. The first R02 will have a non-CPC (Canada Post Compliant) address and the second R02 will have a valid CPC address.

An R03 Get Person Demographics is **not** performed to verify the creation of the PHN, as this is covered in test R02.01.

NOTE: This is test 4 of 5 related to address validation:

a) Invalid address, best guess returned, best guess selected for 2nd submission.
b) Invalid address, best guess returned, original address selected for 2nd submission.
c) Invalid address, best guess returned, original address altered for 2nd submission.
d) **Invalid address, best guess not returned, original address selected for 2nd submission.**
e) Invalid address, best guess not returned, original address altered for 2nd submission.

Rule(s) to be Tested

a) 4.3.2 #5

   Invalid Address: "Best Guess" not returned:

   If a best guess address was not returned the user must either:

   i) Select the original address and resubmit the transaction with Address Validation Override Indicator on ZIA input = "Y".

b) Minimum Display/Print Standards for a not successful transaction.

Prerequisites

Named individual below must **not** be on Health Registry, otherwise Duplicate Override Indicator must be set (this is tested separately). More precisely, the Family Name, First Given Name, Sex (gender) and Date of Birth (YYYYMM) must not match any person record on the Health Registry.

Data: Submission #1 – R09 to search for record new person.

Seg	HL7 Field (Other Name)	Data
QRD	Quantity Limited Request.Quantity Quantity Limited Request.Units	25 RD
QRD	What Subject Filter.Identifier	PSN
PID	External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	BC PH
PID	Sex (Gender)	M
ZIA	Extended Person Name.Family Name Extended Person Name.First Given Name	LA POINTE ANDREW

2.2 R02 – RECORD NEW PERSON (cont'd)

2.2.7 Test # R02.06 – Verify Address Override Process (#4) (cont'd)

Test Verification: Submission #1 – R09 to search for new person.

#	QA	SSO	Verification	Pass Fail	Comments
1)			No test verification		

Data: Submission #2 – R02 to record new person with invalid address.

Seg	HL7 Field (Other Name)	Data
ZTL	Duplicate Override Indicator	N
PID	Date of Birth	19700926
PID	Sex (Gender)	M
ZIA	Extended Person Name.Family Name Extended Person Name.First Given Name Extended Person Name.Name Type Code	LA POINTE ANDREW L
ZIA	Extended Address.Address Line1 Extended Address.City Extended Address.State or Province Extended Address.Zip or Postal Code Extended Address.Country Extended Address.Address Type	10471 MIDLAND DR RICHMOND BC V7A4J8 CAN M
ZIA	Address Validation Override Indicator	N

Test Verification: Submission #2 – R02 to record new person with invalid address.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	Minimum Display/Print Standards: SSO to provide screen print showing error message (invalid address, best guess not returned).		

Data: Submission #3 – R02 to record new person with unaltered, original address.

Seg	HL7 Field (Other Name)	Data
ZIA	Extended Address.Address Line1 Extended Address.City Extended Address.State or Province Extended Address.Zip or Postal Code Extended Address.Country Extended Address.Address Type	Same as on submission #2
ZIA	Address Validation Override Indicator	Y
		+ same values as submission #2 for other fields (e.g., Family Name)

2.2 R02 – RECORD NEW PERSON (cont'd)

2.2.7 Test # R02.06 – Verify Address Override Process (#4) (cont'd)

Test Verification: Submission #3 – R02 to record new person with unaltered, original address.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	4.3.2 #5: SSO to provide screen print for prompt to indicate acceptance of original address.		
2)	X		4.3.2. #5: QA to review transaction logs to confirm 2 submissions of R02 with Address Validation Override Indicator = "N" on submission #1 and = "Y" on submission #2. Confirm address field values on submission #1 and #2		

2.3 R03 – GET PERSON DEMOGRAPHICS

2.3.1 Excluded Tests

The following rules will not be tested for this transaction:

a) 4.4.2 #2

Current Implementation: Input transaction must contain the External Patient ID (Personal Health Number) on PID. The output transaction will contain the External Patient ID (Personal Health Number) on PID only.

b) 4.4.6 #1

Current Implementation: Only 1 name can be returned (assuming the person is found on the database) with Name Type Code on ZIA = “L” (legal). Therefore, at most only 1 ZIA will be present on output. The Name Type Code of Extended Person Name on ZIA will default to “L”.

Only 1 address can be returned (assuming the person is found on the database). If the person has a home address (Address Type = “H”), this will be returned. If the person does not have a home address but has a mailing address, then the mailing address (Address Type = “M”) will be returned. Otherwise, if the person does not have a home nor mailing address, then no address will be returned (none available).

Only 1 telephone number can be returned (assuming the person is found on the database), with Telecommunications Use Code of “PRN” (primary residence number) and Telecommunications Equipment Type of “PH” (phone).

c) 4.4.6 #2

On output when a person record is returned, the Legal Name (Name Type Code “L”) will be returned in the first repetition of Extended Person Name on ZIA on the first instance of the ZIA segment. If there is no legal name, then a repeat delimiter will be sent as the first repetition in the first ZIA segment returned.

In addition, there are no specific Field Notes tests for this transaction.

2.3 R03 – GET PERSON DEMOGRAPHICS (cont'd)

2.3.2 Test # R03.01 – Merged PHN

Send an R03 Get Person Demographics transaction with a merged PHN to test requirements below.

Rule(s) to be Tested

a) 4.4.2 #1

If the sending system is capable of storing person data, it must as a minimum record the person's PHN against the person record if this transaction is successful.

b) 4.4.2 #3

The External Patient Identifier (PHN) on PID returned may differ from that requested in a situation where two identifiers have been assigned to the same person, then subsequently merged by the Ministry. The identifier that is returned on the output transaction is the correct identifier for the person.

The sending system must be capable of recognizing a response which has a different PHN from that submitted in the input transaction. The merged PHN (returned on the output message) must be displayed to the user. If it appears the merge has been done incorrectly, or the user is aware of an incorrect PHN, the user must contact the HealthNet/BC Help Desk to request a correction. If it appears the merge is correct, the sending system must have its files updated to reflect the merged PHN by choosing one of the following options:

i) The sending system software can use an "export log" of PHN merges available from the MoH to search for PHNs which must be merged on their sending system. This option would usually only be considered for large HealthNet/BC participants due to the large number of PHNs on the export log.

ii) The sending system software can recognize a new, merged PHN as part of the HealthNet/BC response and update sending system records.

c) Minimum Display/Print Standards for a successful transaction.

Prerequisites

Named individual below must be on Health Registry and must have been merged into a second PHN (so that the merged PHN is returned).

Data: Submission #1 – R03 to get person demographics with merged PHN.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID	9151030195
	External Patient ID.Namespace ID of Assigning Authority	BC
	External Patient ID.Identifier Type Code	PH

2.3 R03 – GET PERSON DEMOGRAPHICS (cont'd)

2.3.2 Test # R03.01 – Merged PHN (cont'd)

Test Verification: Submission #1 – R03 to get person demographics with merged PHN.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	4.4.2. #1, 4.4.2 #3: SSO to dump database record that clearly demonstrate merged PHN on their local files, associated with named individual above (merged PHN accepted as correct). Original PHN may be removed, but merged PHN must be on file.		
2)		X	Minimum Display/Print Standards: SSO to provide screen print showing merged PHN to user and selection of merged PHN as correct.		

2.4 R05 – VALIDATE ADDRESS

2.4.1 Excluded Tests

The following rules will not be tested for this transaction:

a) 4.5.2 #1

Formatted Address comprises the following transaction fields:

Extended address on ZIA:

Address line 1 to Address line 6
City
State or Province
Country
Zip or Postal Code

In addition, there are no specific Field Notes tests for this transaction.

2.4.2 Test # R05.01 – Best Guess Process

Send an R05 Validate Address transaction with a non CPC (Canada Post Compliant) address. A best guess address will be returned.

Rule(s) to be Tested

a) Minimum Display/Print Standards for a successful transaction.

Prerequisites

None.

Data: Submission #1 – R05 to validate address.

Seg	HL7 Field (Other Name)	Data
ZIA	Extended Address.Address Line1	490 VANCOUVER STVICTORIA
	Extended Address.City	BC
	Extended Address.State or Province	V8N3T5
	Extended Address.Zip or Postal Code	CAN
	Extended Address.Country	M
	Extended Address.Address Type	

Test Verification: Submission #1 – R05 to validate address.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	Minimum Display/Print Standards: SSO to provide screen print showing all address fields.		

2.5 R06 – UPDATE PERSON DEMOGRAPHICS

2.5.1 Excluded Tests

The following rules will not be tested for this transaction:

a) 4.6.2 #2

At least one of the following must be specified in this transaction:

i) Sex (gender) on PID; or,

ii) Date of Birth on PID; or,

iii) Extended Person Name on ZIA.

b) 4.6.2 #3

If any component of a person name is updated, the entire name must be provided. Gender and date of birth can be provided singularly.

c) Minimum Display/Print Standards

There are no requirements over and above transaction status for a successful message.

In addition, there are no specific Field Notes tests for this transaction.

2.5.2 Test # R06.01 – Get Before Update Process

Send an R03 Get Person Demographics to obtain the data from Health Registry, change name and date of birth, send an R06 Update Person Demographics transaction to update Health Registry and another R03 to verify update.

Rule(s) to be Tested

a) 4.6.2 #1

The R03 Get Person Demographics transaction must be performed before this transaction is performed to ensure that the correct person has been selected.

Prerequisites

PHN noted in submission #1 (R03) must exist on Health Registry, with name of “E.I. CHARRON” and date of birth of “1917010O”.

Data: Submission #1 – R03 to get person data.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID	9151037965
	External Patient ID.Namespace ID of Assigning Authority	BC
	External Patient ID.Identifier Type Code	PH

Test Verification: Submission #1 – R03 to get person data.

#	QA	SSO	Verification	Pass Fail	Comments
1)	X		QA to verify before image of database. Name should be “E.I CHARRON” and date of birth should be “1917.01.00”.		

2.5 R06 – UPDATE PERSON DEMOGRAPHICS (cont'd)

2.5.2 Test # R06.01 – Get Before Update Process (cont'd)

Data: Submission #2 – R06 to update person data.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	9151037965 BC PH
PID	Date of Birth	19170115
ZIA	Extended Person Name.Family Name Extended Person Name.First Given Name Extended Person Name.Name Type Code	CHARRON ELIZABETH L

Test Verification: Submission #2 – R06 to update person data.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	4.6.2. #1: SSO to provide proof (screen prints) indicating that an R06 cannot be submitted without a preceeding R03.		
2)	X		4.6.2. #1: QA to review transaction logs to confirm R03 issued prior to any R06.		
3)	X		QA to verify that name and date of birth has been changed on Health Registry database.		
4)	X		QA to verify that Sex (Gender) on PID not included on submission #2.		

Data: Submission #3 – R03 to verify update.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	9151037965 BC PH

Test Verification: Submission #3 – R03 to verify update.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	SSO to provide screen print of Minimum Display/Print Standards fields for R03 with DOB = 19170115, NAME = ELIZABETH I CHARRON		

2.6 R07 – UPDATE PERSON ADDRESS

2.6.1 Excluded Tests

The following rules will not be tested for this transaction:

a) 4.7.2 #2

At least one of the following must be specified in this transaction:

i) Extended Address on ZIA; or,

ii) Extended Telephone Number on ZIA.

b) 4.7.2 #3

Extended Address on ZIA input:

Zip or Postal Code required if Address Type on ZIA = “M” (mailing). A Zip or Postal Code is optional for other Address Types.

If Zip or Postal Code specified, must be of the form ANANAN, where A is alpha, N is numeric. Must start with “V” if State or Province is “BC” (British Columbia).

c) 4.7.2 #4

Address Validation: test 5 of 5 will not be tested:

Invalid Address: “Best Guess” not returned:

If a best guess address was not returned the user must either:

i) Correct the original address and resubmit transaction with corrected address with Address Validation Override Indicator on ZIA input = “N” causing the address validation routine to attempt validation on the updated address.

d) 4.7.2 #5

<u>If the sending system stores person address information, the address returned by Health Registry must cause a comparison between the latest mailing address on the sending system and the Health Registry person address record for applicable and comparable address fields. This comparison can be done automatically by the software or manually by the user. If these records do not match, the user must update the incorrect or out-of-date record on the applicable system.</u> CPBC

e) Minimum Display/Print Standards

No fields are required for successful executions of this transaction.

In addition, there are no specific Field Notes tests for this transaction.

2.6 R07 – UPDATE PERSON ADDRESS (cont'd)

2.6.2 Test # R07.01 – Get Before Update Process

Send an R03 Get Person Demographics to obtain the data from Health Registry, change address, send an R07 Update Person Address transaction to update Health Registry and another R03 to verify update.

Rule(s) to be Tested

a) 4.7.2 #1

The R03 Get Person Demographics transaction must be performed before this transaction is performed to ensure that the correct person has been selected.

b) Minimum Display/Print Standards for a successful transaction.

Prerequisites

Named individual below must be on Health Registry.

Data: Submission #1 – R03 to get person data.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID	9151202799
	External Patient ID.Namespace ID of Assigning Authority	BC
	External Patient ID.Identifier Type Code	PH

Test Verification: Submission #1 – R03 to get person data.

#	QA	SSO	Verification	Pass Fail	Comments
1)			No test verification		

Data: Submission #2 – R07 to update person data.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID	9151202799
	External Patient ID.Namespace ID of Assigning Authority	BC
	External Patient ID.Identifier Type Code	PH
ZIA	Extended Address.Address Line1	5709 MONTGOMERY ST
	Extended Address.City	VANCOUVER
	Extended Address.State or Province	BC
	Extended Address.Zip or Postal Code	V6M2X3
	Extended Address.Country	CAN
	Extended Address.Address Type	M
ZIA	Address Validation Override Indicator	N

2.6 R07 – UPDATE PERSON ADDRESS (cont'd)

2.6.2 Test # R07.01 – Get Before Update Process (cont'd)

Test Verification: Submission #2 – R07 to update person data.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	4.7.2. #1: SSO to provide proof (screen prints) indicating that an R07 cannot be submitted without a preceeding R03.		
2)	X		4.7.2. #1: QA to review transaction logs to confirm R03 issued prior to any R07.		
3)	X		QA to verify person indicated above has been properly updated on Health Registry database, including verification of who (org/userid) updated the database,		

Data: Submission #3 – R03 to verify person updated properly.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID	9151202799
	External Patient ID.Namespace ID of Assigning Authority	BC
	External Patient ID.Identifier Type Code	PH

Test Verification: Submission #3 – R03 to verify person updated properly.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	SSO to provide screen print of Minimum Display/Print Standards fields for R03 as verification that R03 data = R07 on submission #2.		

2.6.3 Test # R07.02 – Verify Address Override Process (#1)

Send 2 R07 Update Person Address transactions to test address validation procedures listed below. The first R07 will have a non-CPC (Canada Post Compliant) address and the second R07 will have a valid CPC address.

An R03 Get Person Demographics is **not** performed to verify the update, as this is covered in test R07.01.

NOTE: This is test 1 of 5 related to address validation:

a) **Invalid address, best guess returned, best guess selected for 2nd submission.**
b) Invalid address, best guess returned, original address selected for 2nd submission.
c) Invalid address, best guess returned, original address altered for 2nd submission.
d) Invalid address, best guess not returned, original address selected for 2nd submission.
e) Invalid address, best guess not returned, original address altered for 2nd submission.

2.6 R07 – UPDATE PERSON ADDRESS (cont'd)

2.6.3 Test # R07.02 – Verify Address Override Process (#1) (cont'd)

Rule(s) to be Tested

a) 4.7.2 #4

Sending system software must not allow end users to set the Address Override Indicator; it must be set by sending system software only.

Invalid Address: "Best Guess" returned:

If a best guess address was returned, it must be displayed to the user along with the original address submitted. The user may either:

i) Select the "guessed" address, resubmit the transaction with the "guessed" address and Address Validation Override Indicator on ZIA input set to "N" (the sending system should also be updated with the "guessed" address)

Prerequisites

Named individual below must be on Health Registry.

Data: Submission #1 – R03 to get person data.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID	9151218207
	External Patient ID.Namespace ID of Assigning Authority	BC
	External Patient ID.Identifier Type Code	PH

Test Verification: Submission #1 – R03 to get person data.

#	QA	SSO	Verification	Pass Fail	Comments
1)			No test verification		

Data: Submission #2 – R07 to update person with invalid address.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID	9151218207
	External Patient ID.Namespace ID of Assigning Authority	BC
	External Patient ID.Identifier Type Code	PH
ZIA	Extended Address.Address Line1	3223 BEVERLEY CRES
	Extended Address.City	SURREY
	Extended Address.State or Province	BC
	Extended Address.Zip or Postal Code	V2S4M4
	Extended Address.Country	CAN
	Extended Address.Address Type	M
ZIA	Address Validation Override Indicator	N

2.6 R07 – UPDATE PERSON ADDRESS (cont'd)

2.6.3 Test # R07.02 – Verify Address Override Process (#1) (cont'd)

Test Verification: Submission #2 – R07 to update person with invalid address.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	4.7.2. #4: SSO to provide screen print of screen used to update person information, demonstrating user is unable to set address validate override indicator.		

Data: Submission #3 – R07 to update person with best guess.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID	9151218207
	External Patient ID.Namespace ID of Assigning Authority	BC
	External Patient ID.Identifier Type Code	PH
ZIA		Results of BEST GUESS returned on submission #2
	Extended Address.Address Line1	3223 BEVERLEY CRES
	Extended Address.City	ABBOTSFORD
	Extended Address.State or Province	BC
	Extended Address.Zip or Postal Code	V2S4M4
	Extended Address.Country	CAN
	Extended Address.Address Type	M
ZIA	Address Validation Override Indicator	N

Test Verification: Submission #3 – R07 to update person with best guess.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	4.7.2 #4: SSO to provide screen print for prompt to display original and best guess addresses and selection of guess.		
2)	X		4.7.2. #4: QA to review transaction logs to confirm 2 submissions of R07 with Address Validation Override Indicator = "N" on submission #1 and = "N" on submission #2. Confirm address field values on submission #1 and #2		

2.6 R07 – UPDATE PERSON ADDRESS (cont'd)

2.6.4 Test # R07.03 – Verify Address Override Process (#2)

Send 2 R07 Update Person Address transactions to test address validation procedures listed below. The first R07 will have a non-CPC (Canada Post Compliant) address and the second R07 will have a valid CPC address.

An R03 Get Person Demographics is **not** performed to verify the update, as this is covered in test R07.01.

NOTE: This is test 2 of 5 related to address validation:

a) Invalid address, best guess returned, best guess selected for 2nd submission.
b) **Invalid address, best guess returned, original address selected for 2nd submission.**
c) Invalid address, best guess returned, original address altered for 2nd submission.
d) Invalid address, best guess not returned, original address selected for 2nd submission.
e) Invalid address, best guess not returned, original address altered for 2nd submission.

Rule(s) to be Tested

a) 4.7.2 #4

   Invalid Address: "Best Guess" returned:

   If a best guess address was returned, it must be displayed to the user along with the original address submitted. The user may either:

   i) Select the original address and resubmit the transaction with Address Validation Override Indicator on ZIA input = "Y".

Prerequisites

Named individual below must be on Health Registry.

Data: Submission #1 – R03 to get person data.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID	9151251738
	External Patient ID.Namespace ID of Assigning Authority	BC
	External Patient ID.Identifier Type Code	PH

Test Verification: Submission #1 – R03 to get person data.

#	QA	SSO	Verification	Pass Fail	Comments
1)			No test verification		

2.6 R07 – UPDATE PERSON ADDRESS (cont'd)

2.6.4 Test # R07.03 – Verify Address Override Process (#2) (cont'd)

Data: Submission #2 – R07 to update person with invalid address.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	9151251738 BC PH
ZIA	Extended Address.Address Line1 Extended Address.City Extended Address.State or Province Extended Address.Zip or Postal Code Extended Address.Country Extended Address.Address Type	1423 DAYTONA ST COQUITLAM BC V3E3H2 CAN M
ZIA	Address Validation Override Indicator	N

Test Verification: Submission #2 – R07 to update person with invalid address.

#	QA	SSO	Verification	Pass Fail	Comments
1)			No test verification		

Data: Submission #3 – R07 to update person with unaltered, original address.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	9151251738 BC PH
ZIA	 Extended Address.Address Line1 Extended Address.City Extended Address.State or Province Extended Address.Zip or Postal Code Extended Address.Country Extended Address.Address Type	Same as submission #2 1423 DAYTONA ST COQUITLAM BC V3E3H2 CAN M
ZIA	Address Validation Override Indicator	Y

Test Verification: Submission #3 – R07 to update person with unaltered, original address.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	4.7.2 #4: SSO to provide screen print for prompt to display original and best guess addresses and selection of original.		
2)	X		4.7.2. #4: QA to review transaction logs to confirm 2 submissions of R07 with Address Validation Override Indicator = "N" on submission #1 and = "Y" on submission #2. Confirm address field values on submission #1 and #2		

2.6 R07 – UPDATE PERSON ADDRESS (cont'd)

2.6.5 Test # R07.04 – Verify Address Override Process (#3)

Send 2 R07 Update Person Address transactions to test address validation procedures listed below. The first R07 will have a non-CPC (Canada Post Compliant) address and the second R07 will have a valid CPC address.

An R03 Get Person Demographics is **not** performed to verify the update, as this is covered in test R07.01.

NOTE: This is test 3 of 5 related to address validation:

a) Invalid address, best guess returned, best guess selected for 2nd submission.
b) Invalid address, best guess returned, original address selected for 2nd submission.
c) **Invalid address, best guess returned, original address altered for 2nd submission.**
d) Invalid address, best guess not returned, original address selected for 2nd submission.
e) Invalid address, best guess not returned, original address altered for 2nd submission.

Rule(s) to be Tested

a) 4.7.2 #4

Invalid Address: "Best Guess" returned:

If a best guess address was returned, it must be displayed to the user along with the original address submitted. The user may either:

i) Correct the original address and resubmit transaction with corrected address with Address Validation Override Indicator on ZIA input = "N" causing the address validation routine to attempt validation on the updated address.

Prerequisites

Named individual below must be on Health Registry.

Data: Submission #1 – R03 to get person data.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID	9151264877
	External Patient ID.Namespace ID of Assigning Authority	BC
	External Patient ID.Identifier Type Code	PH

Test Verification: Submission #1 – R03 to get person data.

#	QA	SSO	Verification	Pass Fail	Comments
1)			No test verification		

2.6 R07 – UPDATE PERSON ADDRESS (cont'd)

2.6.5 Test # R07.04 – Verify Address Override Process (#3) (cont'd)

Data: Submission #2 – R07 to update person with invalid address.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	9151264877 BC PH
ZIA	Extended Address.Address Line1 Extended Address.City Extended Address.State or Province Extended Address.Zip or Postal Code Extended Address.Country Extended Address.Address Type	405 GROVES AVE KELOWNA BC V6M4V7 CAN M
ZIA	Address Validation Override Indicator	N

Test Verification: Submission #2 – R07 to update person with invalid address.

#	QA	SSO	Verification	Pass Fail	Comments
1)			No test verification		

Data: Submission #3 – R07 to update person with altered, original address.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	9151264877 BC PH
ZIA	Extended Address.Address Line1 Extended Address.City Extended Address.State or Province Extended Address.Zip or Postal Code Extended Address.Country Extended Address.Address Type	405 GROVES AVE KELOWNA BC V1Y4Y4 CAN M
ZIA	Address Validation Override Indicator	N

Test Verification: Submission #3 – R07 to update person with altered, original address.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	4.7.2 #4: SSO to provide screen print for prompt to display original and best guess addresses and update of original.		
2)	X		4.7.2. #4: QA to review transaction logs to confirm 2 submissions of R07 with Address Validation Override Indicator = "N" on submission #1 and = "N" on submission #2. Confirm address field values on submission #1 and #2.		

2.6 R07 – UPDATE PERSON ADDRESS (cont'd)

2.6.6 Test # R07.05 – Verify Address Override Process (#4)

Send 2 R07 Update Person Address transactions to test address validation procedures listed below. The first R07 will have a non-CPC (Canada Post Compliant) address and the second R07 will have a valid CPC address.

An R03 Get Person Demographics is **not** performed to verify the update, as this is covered in test R07.01.

NOTE: This is test 4 of 5 related to address validation:

a) Invalid address, best guess returned, best guess selected for 2nd submission.
b) Invalid address, best guess returned, original address selected for 2nd submission.
c) Invalid address, best guess returned, original address altered for 2nd submission.
d) **Invalid address, best guess not returned, original address selected for 2nd submission.**
e) Invalid address, best guess not returned, original address altered for 2nd submission.

Rule(s) to be Tested

a) 4.7.2 #4

   Invalid Address: "Best Guess" not returned:

   If a best guess address was not returned the user must either:

   i) Select the original address and resubmit the transaction with Address Validation Override Indicator on ZIA input = "Y".

b) Minimum Display/Print Standards for a not successful transaction.

Prerequisites

Named individual below must be on Health Registry.

Data: Submission #1 – R03 to get person data.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID	9151242739
	External Patient ID.Namespace ID of Assigning Authority	BC
	External Patient ID.Identifier Type Code	PH

Test Verification: Submission #1 – R03 to get person data.

#	QA	SSO	Verification	Pass Fail	Comments
1)			No test verification		

2.6 R07 – UPDATE PERSON ADDRESS (cont'd)

2.6.6 Test # R07.05 – Verify Address Override Process (#4) (cont'd)

Data: Submission #2 – R07 to update person with invalid address.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	9151242739 BC PH
ZIA	Extended Address.Address Line1 Extended Address.City Extended Address.State or Province Extended Address.Zip or Postal Code Extended Address.Country Extended Address.Address Type	3525 KELLY ST N PRINCE GEORGE BC V2M3E5 CAN M
ZIA	Address Validation Override Indicator	N

Test Verification: Submission #2 – R07 to update person with invalid address.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	Minimum Display/Print Standards: SSO to provide screen print showing error message (invalid address, best guess not returned).		

Data: Submission #3 – R07 to update person with unaltered, original address.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	9151242739 BC PH
ZIA	Extended Address.Address Line1 Extended Address.City Extended Address.State or Province Extended Address.Zip or Postal Code Extended Address.Country Extended Address.Address Type	Same as on submission #2
ZIA	Address Validation Override Indicator	Y

Test Verification: Submission #3 – R07 to update person with unaltered, original address.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	4.7.2 #4: SSO to provide screen print for prompt to indicate acceptance of original address.		
2)	X		4.7.2. #4: QA to review transaction logs to confirm 2 submissions of R07 with Address Validation Override Indicator = "N" on submission #1 and = "Y" on submission #2. Confirm address field values on submission #1 and #2		

2.7 R08 – RECORD DEATH EVENT

2.7.1 Excluded Tests

The following rules will not be tested for this transaction:

a) 4.8.2 #2

Patient Death Date and Time on PID must not be greater than current (today's) date and must be a valid date format as specified in transaction description below.

b) 4.8.2 #3

Future Release: Death information is supported by specific document types.

c) Minimum Display/Print Standards

There are no requirements over and above transaction status for a successful message.

In addition, there are no specific Field Notes tests for this transaction.

2.7.2 Test # R08.01 – Get Before Update Process

Send an R03 Get Person Demographics + R08 Record Death Event to confirm requirements below.

An R03 Get Person Demographics is performed to verify the update of the death date.

Rule(s) to be Tested

a) 4.8.2 #1

The user must be presented with the person information provided by R03 – Get Person Demographics to confirm that the PHN used to record the death correctly identifies the deceased person prior to submitting this transaction.

b) 4.8.2 #2

Death date in future – have it rejected – show appropriate error message.

Prerequisites

Named individual must be on Health Registry.

Data: Submission #1 – R03 to get person demographics

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID	9151079647
	External Patient ID.Namespace ID of Assigning Authority	BC
	External Patient ID.Identifier Type Code	PH

2.7 R08 – RECORD DEATH EVENT (cont'd)

2.7.2 Test # R08.01 – Get Before Update Process (cont'd)

Test Verification: Submission #1 – R03 to get person demographics.

#	QA	SSO	Verification	Pass Fail	Comments
1)			No test verification		

Data: Submission #2 – R08 to record date of death.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	9151079647 BC PH
PID	Date of Death	19990702

Test Verification: Submission #2 – R08 to record date of death.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	4.8.2. #1: SSO to provide screen print with R03 output from submission #1 and prompt/method of verification		
2)	X		QA to verify person indicated above has been properly updated on Health Registry database, including verification of who (org/userid) updated the database.		

Data: Submission #3 – R03 to verify death date update.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	9151079647 BC PH

Test Verification: Submission #3 – R03 to verify death date update.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	SSO to provide screen print of Minimum Display/Print Standards fields for R03 as verification that R03 data = R08 on submission #2.		

Test Verification: Submission #1 – R09 to search Health Registry.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	4.9.2. #1: SSO to provide proof (screen prints) showing default of "PSN" and not "PSW".		
2)		X	Minimum Display/Print Standards: SSO to provide screen print showing results of transaction.		

2.8 R09 – SEARCH FOR PERSON

2.8.1 Excluded Tests

The following rules will not be tested for this transaction:

a) 4.8.2 #1

Up to a maximum of 25 records or the number requested if specified (Quantity Limited Request on QRD: Quantity), whichever is smaller, that match the search criteria will be returned on the output transaction.

b) 4.8.2 #2

Current Implementation: Search for Person will only return BC PHNs. The output transaction will contain the External Patient ID (Personal Health Number) on PID only for each person matching the search criteria.

In addition, there are no specific Field Notes tests for this transaction.

2.8.2 Test # R09.01 – PSN Default/Display Standards

Rule(s) to be Tested

a) 4.9.2 #1

Two search techniques are used in this transaction – “PSN” (Person Search Narrow) and “PSW” (Person Search Wide). The user must be able to change the search type. The search type must default to “PSN” the first time the search screen is presented to a user, per session.

b) Minimum Display/Print Standards for a successful transaction.

Prerequisites

Search criteria must return at least one and fewer than 25 matches.

Data: Submission #1 – R09 to search Health Registry.

Seg	HL7 Field (Other Name)	Data
QRD	Quantity Limited Request.Quantity Quantity Limited Request.Units	25 RD
QRD	What Subject Filter.Identifier	PSN
PID	External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	BC PH
PID	Sex (Gender)	F
ZIA	Extended Person Name.Family Name Extended Person Name.First Given Name	COUPLAND ASHLEY

2.9 R15 – CHECK BENEFICIARY COVERAGE STATUS

2.9.1 Excluded Tests

The following rules will not be tested for this transaction:

a) 4.10.2 #1

The data to properly respond to beneficiary coverage status queries does not exist prior to September 1, 1965. Attempts to query prior to this date by setting the Plan Effective Date (Beneficiary Coverage Query Date) on IN1 prior to September 1, 1965 may generate unexpected results.

In addition, there are no specific Field Notes tests for this transaction.

2.9.2 Test # R15.01 – Display Standards

Send an R15 Check Beneficiary Coverage transaction to verify Minimum Display/Print Standards.

Rule(s) to be Tested

a) Minimum Display/Print Standards for a successful transaction.

Prerequisites

PHN must return at least one and fewer than 15 matches.

Data: Submission #1 – R15 to obtain beneficiary coverage data.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	9151027387 BC PH
IN1	Plan Effective Date	19980101

Test Verification: Submission #1 – R15 to obtain beneficiary coverage data.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	Minimum Display/Print Standards: SSO to provide screen print showing results of transaction.		

2.10 R16 – GET BENEFICIARY COVERAGE PERIODS

2.10.1 Excluded Tests

The following rules will not be tested for this transaction:

a) None

In addition, there are no specific Field Notes tests for this transaction.

2.10.2 Test # R16.01 – Display Standards

Send an R16 Get Beneficiary Coverage Periods transaction to verify Minimum Display/Print Standards.

Rule(s) to be Tested

a) Minimum Display/Print Standards for a successful transaction.

Prerequisites

PHN must return at least one and fewer than 25 matches.

Data: Submission #1 – R16 to obtain beneficiary coverage data.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	9151056808 BC PH
IN1	Plan Effective Date Plan Expiration Date	19900101 19981231

Test Verification: Submission #1 – R16 to obtain beneficiary coverage data.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	Minimum Display/Print Standards: SSO to provide screen print showing results of transaction.		

2.11 R20 – RECORD DOCUMENT

2.11.1 Excluded Tests

The following rules will not be tested for this transaction:

a) Appendix E.2 #2

Attributes recorded from a document must satisfy the data type rules specified in the DAD for the R08 – Record Death Event (future release) and R20 – Record Document transactions. Attributes will be designated type “CHAR,” “NUMBER” or “DATE.” “CHAR” attributes may contain any letters, numbers or special characters. “NUMBER” attributes must contain only numbers and a single decimal point. “DATE” attributes must contain dates (numbers) of the format “CCYYMMDD.”

b) Appendix E.2 #3

All information on a document must be recorded exactly as it appears on the document for the R08 – Record Death Event (future release) and R20 – Record Document transactions. Information recorded from a document must not be abbreviated or changed. If any information cannot be recorded as it appears on the document, the user should contact the HealthNet/BC Help Desk.

c) Appendix E.2 #4

Document and attribute descriptions should be displayed for the user or provided in user documentation.

d) Minimum Display/Print Standards

There are no requirements over and above transaction status for a successful message.

In addition, there are no specific Field Notes tests for this transaction.

2.11.2 Test # R20.01 – Required Fields

Test # R20.01

Send an R20 Record Document with a missing, required field.

Rule(s) to be Tested

a) Minimum Display/Print Standards for a successful transaction.

Prerequisites

None.

2.11 R20 – RECORD DOCUMENT (cont'd)

2.11.2 Test # R20.01 – Required Fields (cont'd)

Data: Submission #1 – R20 to record document with missing surname.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID	9151204287
	External Patient ID.Namespace ID of Assigning Authority	BC
	External Patient ID.Identifier Type Code	PH
TXA	Document Type	BCRT
TXA	Unique Document Number (Document Jurisdiction)	AB
ZIK	Document Medium	PA
ZIK	Original Document Indicator	Y
ZIK	Document Argument.Argument Name	DCMNTCNTRL
	Document Argument.Argument Value (1:DCMNTCNTRL)	123456789
	Document Argument.Argument Name	FIRSTNAME
	Document Argument.Argument Value (2:FIRSTNAME)	DANIELLE
	Document Argument.Argument Name	SECONDNAME
	Document Argument.Argument Value (3:SECONDNAME)	RAMONA
		-BIRTHDATE
		19780914
	Document Argument.Argument Name	GENDER
	Document Argument.Argument Value (5:BIRTHDATE)	F
	Document Argument.Argument Name	BIRTHPLACE
	Document Argument.Argument Value (6:GENDER)	FERNIE BC
	Document Argument.Argument Name	RGSTRTNMBR
	Document Argument.Argument Value (7:BIRTHPLACE)	112334556
	Document Argument.Argument Name	
	Document Argument.Argument Value (8:RGSTRTNMBR)	

Test Verification: Submission #1 – R20 to record document with missing surname.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	SSO to demonstrate that current version of Document Attribute Dictionary (DAD) is in sending system software.		
2)		X	App E.2 #1: SSO to demonstrate that user cannot omit a mandatory field (Surname in example above).		

2.11 R20 – RECORD DOCUMENT (cont'd)

2.11.2 Test # R20.01 – Required Fields (cont'd)

Data: Submission #2 – R20 repeat, with all required fields present.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID	9151204287
	External Patient ID.Namespace ID of Assigning Authority	BC
	External Patient ID.Identifier Type Code	PH
TXA	Document Type	BCRT
TXA	Unique Document Number (Document Jurisdiction)	AB
ZIK	Document Medium	PA
ZIK	Original Document Indicator	Y
ZIK	Document Argument.Argument Name	DCMNTCNTRL
	Document Argument.Argument Value (1:DCMNTCNTRL)	123456789
	Document Argument.Argument Name	FIRSTNAME
	Document Argument.Argument Value (2:FIRSTNAME)	DANIELLE
	Document Argument.Argument Name	SECONDNAME
	Document Argument.Argument Value (3:SECONDNAME)	RAMONA
	Document Argument.Argument Name	SURNAME
	Document Argument.Argument Value (4:SURNAME)	FENG
	Document Argument.Argument Name	BIRTHDATE
	Document Argument.Argument Value (5:BIRTHDATE)	19780914
	Document Argument.Argument Name	GENDER
	Document Argument.Argument Value (6:GENDER)	F
	Document Argument.Argument Name	BIRTHPLACE
	Document Argument.Argument Value (7:BIRTHPLACE)	FERNIE BC
	Document Argument.Argument Name	RGSTRTNMBR
	Document Argument.Argument Value (8:RGSTRTNMBR)	112334556

Test Verification: Submission #2 – R20 repeat, with all required fields present.

#	QA	SSO	Verification	Pass Fail	Comments
1)	X		QA to verify database for newly recorded document.		

2.12 R21 – GET DOCUMENT SUMMARY

2.12.1 Excluded Tests

The following rules will not be tested for this transaction:

a) 4.13.2 #1

Documents, Document Jurisdiction (Unique Document Number on TXA), Document Type (Document Type on TXA) and Attributes.

In addition, there are no specific Field Notes tests for this transaction.

2.12.2 Test # R21.01 – Display Standards

Send an R21 where transaction returns 3 summary document identifiers for 3 documents.

Rule(s) to be Tested

a) Minimum display standards for a successful transaction.

Prerequisites

PHN must be on Health Registry and have 3 documents recorded.

Data: Submission #1 – R21 to get document summary.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID	9151028142
	External Patient ID.Namespace ID of Assigning Authority	BC
	External Patient ID.Identifier Type Code	PH

Test Verification: Submission #1 – R21 to get document summary.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	Minimum display standards: SSO to provide screen print showing document argument name and document argument value		

2.13 R22 – GET DOCUMENT DETAIL

2.13.1 Excluded Tests

The following rules will not be tested for this transaction:

a) 4.14.2 #1

Documents, Document Jurisdiction (Unique Document Number on TXA), Document Type (Document Type on TXA) and Attributes.

In addition, there are no specific Field Notes tests for this transaction.

2.13.2 Test # R22.01 – Display Standards

Send an R22 where transaction returns 10 document arguments for a specific document type.

Rule(s) to be Tested

a) Minimum display standards for a successful transaction.

Prerequisites

PHN with associated documents must be on Health Registry.

Data: Submission #1 – R22 to get document detail.

Seg	HL7 Field (Other Name)	Data
TXA	Patient Document Number	4

Test Verification: Submission #1 – R22 to get document detail.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	Minimum display standards: SSO to provide screen print showing document argument name and document argument value.		

2.14 R25 – ENROLL EMPLOYEE

2.14.1 Excluded Tests

The following rules will not be tested for this transaction:

a) 4.15.2 #3

Up to two telephone numbers may be supplied with this transaction.

b) 4.15.2 #4

Plan Effective Date on IN1 must:

i) Be the 1st day of the month;

ii) Not be prior to the BC Residency Date; and,

iii) Not be more than 14 months in the past or 12 months in the future.

In addition, there are no specific Field Notes tests for this transaction.

2.14.2 Test # R25.01 – Search before Enrollment Process

Send an R09 Search for Person to search Health Registry (and not find the new person to be created), then send an R25 Enroll Employee. An R41 is performed to verify the creation of the PHN for the employee.

Rule(s) to be Tested

a) 4.15.2 #1

An R09 – Search for Person transaction must be submitted prior to using this transaction to obtain a pre-assigned PHN before a new enrollment is performed.

b) 4.15.2. #2

Extended address on ZIA input:

At least one and up to two addresses may be supplied with this transaction, a residential/home address (Address Type of Extended Address on ZIA = “H”) and a mailing address (Address Type of Extended Address on ZIA = “M”).

c) Minimum display standards for a successful transaction.

Prerequisites

Person must not be on Health Registry or R&PB database with existing PHN.

2.14 R25 – ENROLL EMPLOYEE (cont'd)

2.14.2 Test # R25.01 – Search before Enrollment Process (cont'd)

Data: Submission #1 – R09 to search for person.

Seg	HL7 Field (Other Name)	Data
QRD	Quantity Limited Request.Quantity Quantity Limited Request.Units	25 RD
QRD	What Subject Filter.Identifier	PSN
PID	External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	BC PH
PID	Sex (Gender)	M
ZIA	Extended Person Name.Family Name Extended Person Name.First Given Name	OSBORNE MICHAEL

Test Verification: Submission #1 – R09 to search for person.

#	QA	SSO	Verification	Pass Fail	Comments
1)			No test verification		

Data: Submission #2 – R25 to enroll employee.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	BLANK BLANK BLANK
PID	Date of Birth	19521002
PID	Sex (Gender)	M
ZIA	BC Residency Date	19521002
ZIA	Extended Person Name.Family Name Extended Person Name.First Given Name Extended Person Name.Name Type Code	OSBORNE MICHAEL L
ZIA	Extended Address.Address Line1 Extended Address.City Extended Address.State or Province Extended Address.Zip or Postal Code Extended Address.Country Extended Address.Address Type	1000 TERRACE AVE VICTORIA BC V8S3V3 CAN M
ZIA	Immigration or Visa Code	K
IN1	Group Number	4009304
IN1	Plan Effective Date	20000101

2.14 R25 – ENROLL EMPLOYEE (cont'd)

2.14.2 Test # R25.01 – Search before Enrollment Process (cont'd)

Test Verification: Submission #2 – R25 to enroll employee.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	4.15.2#1: SSO to provide proof (screen prints) indicating that an R25 cannot be submitted without a preceding R09.		
2)	X		QA to review transaction logs to confirm R09 issued prior to an R25		
3)	X		QA to verify person indicated above has been properly added to the R&PB database, including verification of who (or/userid) put it on the database		
4)		X	Minimum Display Standards: SSO to provide screen print showing newly created PHN.		

Data: Submission #3 – R41 to verify person added properly.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	PHN received from Submission #2 BC PH
IN1	Plan Effective Date	Current Date

Test Verification: Submission #3 – R41 to verify person added properly.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	4.15.2#1: SSO to provide screen print of Minimum Display/Print Standards fields for R41 as verification that R41 data = R25 on submission #2		

2.15 R26 – ENROLL EMPLOYEE DEPENDENT

2.15.1 Excluded Tests

The following rules will not be tested for this transaction:

a) 4.16.2 #2

The NK1 segment (Next of Kin/Associated Parties Segment) is used to include dependents. Each dependent is a repetition of the NK1 segment, consisting of a relationship and optionally personal identifier.

b) 4.15.2 #4

Plan effective date on IN1 must:

i) Not be prior to the BC Residency Date; and,

ii) Not be more than 14 months in the past or 12 months in the future.

In addition, there are no specific Field Notes tests for this transaction.

2.15.2 Test # R26.01 – Search before Enrollment Process

Send an R09 Search for Person to search Health Registry (and find the new person to be created), then send an R26 Enroll Employee Dependent. An R41 is performed to verify the creation of the PHN for the dependent.

Rule(s) to be Tested

a) 4.16.2 #1

An R09 – Search for Person transaction must be submitted prior to using this transaction to obtain a pre-assigned PHN before a new enrollment is performed.

b) 4.15.2 #3

Up to two dependent identifiers (provincial PHN numbers) may be supplied for each dependent with this transaction.

If two identifiers are specified, then two repetitions of Next of Kin/Associated Party's Identifiers on one NK1 must be used. The Namespace ID of Assigning Authority (Identifier Issuing Jurisdiction) cannot be the same between the two repetitions. The identifiers may be specified in any order. If two identifiers are specified, then one must be the BC PHN for the dependent, specified as Namespace ID of Assigning Authority (Identifier Issuing Jurisdiction) = "BC".

c) Minimum display standards for a successful transaction.

Prerequisites

Person must not be on the R&PB database but does have a PHN on the Health Registry.

2.15 R26 – ENROLL EMPLOYEE DEPENDENT (cont'd)

2.15.2 Test # R26.01 – Search before Enrollment Process (cont'd)

Data: Submission #1 – R09 to search for person.

Seg	HL7 Field (Other Name)	Data
QRD	Quantity Limited Request.Quantity Quantity Limited Request.Units	25 RD
QRD	What Subject Filter.Identifier	PSN
PID	External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	BC PH
PID	Sex (Gender)	F
ZIA	Extended Person Name.Family Name Extended Person Name.First Given Name	LOCA LAVIDA

Test Verification: Submission #1 – R09 to search for person.

#	QA	SSO	Verification	Pass Fail	Comments
1)			No test verification		

Data: Submission #2 – R26 to enroll employee dependent.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	PHN received from Test #25.01 Submission #2 BC PH
IN1	Group Number	4009304
IN1	Plan Effective Date	20000101
IN1	Policy Number (Contract Number)	Received from Test #25.01 Submission #2
NK1	Relationship	SP
NK1	Sex (Gender)	F
NK1	Date/Time of Birth	19721012
NK1	Next of Kin/Associated Party's Identifiers	Received from Submission #1 - 9892719154
ZIA	BC Residency Date	19991201
ZIA	Extended Person Name.Family Name Extended Person Name.First Given Name	LOCA LAVIDA
ZIA	Extended Address.Address Line1 Extended Address.City Extended Address.State or Province Extended Address.Zip or Postal Code Extended Address.Country Extended Address.Address Type	1000 TERRACE AVE VICTORIA BC V8S3V3 CAN M
ZIA	Immigration or Visa Code	K

2.15 R26 – ENROLL EMPLOYEE DEPENDENT (cont'd)

2.15.2 Test # R26.01 – Search before Enrollment Process (cont'd)

Test Verification: Submission #2 – R26 to enroll employee dependent.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	4.15.2#1: SSO to provide proof (screen prints) indicating that an R26 cannot be submitted without a preceding R09.		
2)	X		QA to review transaction logs to confirm R09 issued prior to an R26		
3)	X		QA to verify person indicated above has been properly added to the R&PB database, including verification of who (or/userid) put it on the database		
4)		X	Minimum Display Standards: SSO to provide screen print showing newly created PHN		

Data: Submission #3 – R41 to verify person added properly.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	9892719154 BC PH
IN1	Plan Effective Date	Current Date

Test Verification: Submission #3 – R41 to verify person added properly.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	4.15.2#1: SSO to provide screen print of Minimum Display/Print Standards fields for R41 as verification that R41 data = R26 on submission #2		

2.16 R30 – ESTABLISH PAYER RELATIONSHIP

2.16.1 Excluded Tests

The following rules will not be tested for this transaction:

a) 4.17.2 #2

Up to two telephone numbers may be supplied with this transaction.

b) 4.17.2 #4

Plan Effective Date (Coverage Effective Date) on IN1 must:

i) Be the 1st day of the month; and,

ii) Not be more than 14 months in the past or 12 months in the future.

In addition, there are no specific Field Notes tests for this transaction.

2.16.2 Test # R30.01 – Establish Payer Relationship with 1 Address

Send an R30 Establish Payer Relationship to establish employee on employers group plan. Transaction will include one address.

Rule(s) to be Tested

a) 4.17.2 #1

Extended address on ZIA input:

At least one and up to two addresses may be supplied with this transaction, a residential/home address (Address Type of Extended Address on ZIA = “H”) and a mailing address (Address Type of Extended Address on ZIA = “M”).

If only one address is specified, it must be the residential/home address (Address Type = “H”). If a residential/home address is specified (Address Type = “H”), then Zip or Postal Code is also required.

If two addresses are specified, then two repetitions of Extended Address on one ZIA must be used. The types (Address Type of Extended Address) cannot be the same between the two repetitions. The addresses may be specified in any order by using Address Type to distinguish the type of address. The mailing (Address Type = “M”) is specified only if different than the residential/home address (Address Type = “H”).

City and State or Province of Extended Address must be supplied in last line of address (Address Line 1, 2, 3 or 4), not as separate fields.

b) Minimum display standards for a successful transaction.

Prerequisites

Employee must have existing PHN on the R&PB database.

2.16 R30 – ESTABLISH PAYER RELATIONSHIP (cont'd)

2.16.2 Test # R30.01 – Establish Payer Relationship with 1 Address (cont'd)

Data: Submission #1 – R30 to establish employee relationship.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	9151082652 BC PH
IN1	Group Number	4009304
IN1	Plan Effective Date	19991201
ZIA	Extended Address.Address Line1 Extended Address.City Extended Address.State or Province Extended Address.Zip or Postal Code Extended Address.Country Extended Address.Address Type	7577 SAPPHIRE DR CHILLIWACK BC V2R3A7 CAN H

Test Verification: Submission #1 – R30 to establish employee relationship.

#	QA	SSO	Verification	Pass Fail	Comments
1)	X		QA to verify person indicated above has been properly added to the R&PB database with one address including verification of who (or/userid) put it on the database		
2)		X	Minimum Display Standards: SSO to provide screen print showing results of transaction.		

2.16.3 Test # R30.02 – Establish Payer Relationship with 2 Addresses

Send an R30 Establish Payer Relationship to establish employee, spouse and 1 dependent on employers group plan. Transaction will include two addresses.

Rule(s) to be Tested

a) 4.17.2 #1

Extended address on ZIA input:

At least one and up to two addresses may be supplied with this transaction, a residential/home address (Address Type of Extended Address on ZIA = "H") and a mailing address (Address Type of Extended Address on ZIA = "M").

If two addresses are specified, then two repetitions of Extended Address on one ZIA must be used. The types (Address Type of Extended Address) cannot be the same between the two repetitions. The addresses may be specified in any order by using Address Type to distinguish the type of address. The mailing (Address Type = "M") is specified only if different than the residential/home address (Address Type = "H").

City and State or Province of Extended Address must be supplied in last line of address (Address Line 1, 2, 3 or 4), not as separate fields.

2.16 R30 – ESTABLISH PAYER RELATIONSHIP (cont'd)

2.16.3 Test # R30.02 – Establish Payer Relationship with 2 Addresses (cont'd)

Rule(s) to be Tested (cont'd)

b) 4.15.2. #3

The NK1 segment (Next of Kin/Associated Parties Segment) is used to include dependents. Each dependent is a repetition of the NK1 segment, consisting of a relationship and personal identifier.

There are a maximum of 9 dependents (including spouse) that can be specified with this transaction. If additional dependents are required, use the R31 - Establish Payer Relationship for Dependent.

There can only be 1 dependent of type "spouse" (Relationship on NK1 = "SP"), whereas there can be at most 8 dependents of type "dependent" (Relationship on NK1 = "DP").

Prerequisites

Employee and dependents must have existing PHNs on the R&PB database.

Data: Submission #1 – R30 to establish employee relationship where employee has dependents.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	9151093472 BC PH
IN1	Group Number	4009304
IN1	Plan Effective Date	20000201
ZIA	Extended Address.Address Line1 Extended Address.City Extended Address.State or Province Extended Address.Zip or Postal Code Extended Address.Country Extended Address.Address Type	42 7775 120A ST SURREY BC V3W0T5 CAN H
ZIA	Extended Address.Address Line1 Extended Address.City Extended Address.State or Province Extended Address.Zip or Postal Code Extended Address.Country Extended Address.Address Type	9924 126 ST SURREY BC V3V5E6 CAN M
NK1	Relationship	SP & DP
NK1	Next of Kin/Associated Party's Idenfiers.ID Next of Kin/Associated Party's Idenfiers.Namespace ID of Assigning Authority Next of Kin/Associated Party's Idenfiers.Indentifier Type Code	9151046362 & 9151280262 BC PH

2.16 R30 – ESTABLISH PAYER RELATIONSHIP (cont'd)

2.16.3 Test # R30.02 – Establish Payer Relationship with 2 Addresses (cont'd)

Test Verification: Submission #1 – R30 to establish employee relationship where employee has dependents.

#	QA	SSO	Verification	Pass Fail	Comments
1)	X		QA to verify employee and dependents indicated above have been properly added to the R&PB database with two addresses including verification of who (or/userid) put it on the database.		

2.17 R31 – ESTABLISH PAYER RELATIONSHIP FOR DEPENDENT

2.17.1 Excluded Tests

The following rules will not be tested for this transaction:

a) 4.17.2 #2

Plan Effective Date (Coverage Effective Date) on IN1 must:

i) Be the 1st day of the month; and,

ii) Not be more than 14 months in the past or 12 months in the future.

In addition, there are no specific Field Notes tests for this transaction.

2.17.2 Test # R31.01 – Add Spouse to Group Contract

Send one R31 Establish Payer Relationship for Dependent transaction to add a spouse to an employee group contract.

Rule(s) to be Tested

a) 4.18.2 #1

The NK1 segment (Next of Kin/Associated Parties Segment) is used to specify the dependent. A dependent consists of a relationship and personal identifier, both specified on the NK1 segment.

For this payer relationship account (for the employee), there can only be 1 dependent of type “spouse” (Relationship on NK1 = “SP”), whereas there can be multiple dependents of type “dependent” (Relationship on NK1 = “DP”). Attempting to add a second dependent with relationship of “spouse” will result in an error.

b) Minimum display standards for a successful transaction.

Prerequisites

Spouse (dependent) must have an existing PHN on the R&PB database and employee group contract must not have a spouse defined.

Data: Submission #1 – R31 to add spouse to employee’s group contract.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	9151242785 BC PH
IN1	Group Number	4009304
IN1	Plan Effective Date	20000301
NK1	Relationship	SP
NK1	Next of Kin/Associated Party’s Idenfiers.ID Next of Kin/Associated Party’s Idenfiers.Namespace ID of Assigning Authority Next of Kin/Associated Party’s Idenfiers.Indentifier Type Code	9151206241 BC PH

2.17 R31 – ESTABLISH PAYER RELATIONSHIP FOR DEPENDENT (cont'd)

2.17.2 Test # R31.01 – Add Spouse to Group Contract (cont'd)

Test Verification: Submission #1 – R31 to add spouse to employee's group contract.

#	QA	SSO	Verification	Pass Fail	Comments
1)	X		QA to verify person indicated above has been properly added to the R&PB database, including verification of who (or/userid) put it on the database.		
2)		X	Minimum Display Standards: SSO to provide screen print showing results of the transaction.		

2.18 R32 – GET CONTRACT PERIODS

2.18.1 Excluded Tests

The following rules will not be tested for this transaction:

a) None

In addition, there are no specific Field Notes tests for this transaction.

2.18.2 Test # R32.01 – Display Standards

Send an R32 Get Contract Periods where contract has four person records and 2 coverage periods.

Rule(s) to be Tested

a) Minimum display standards for a successful transaction.

Prerequisites

Contract on R&PB database has 4people and 2 coverage periods (one active and one cancelled).

Data: Submission #1 – R32 to get contract periods.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID	9151216457
	External Patient ID.Namespace ID of Assigning Authority	BC
	External Patient ID.Identifier Type Code	PH

Test Verification: Submission #1 – R32 to get contract periods.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	Minimum Display Standards: SSO to provide screen print showing results of the transaction.		

2.19 R33 – COMPLETE PERSON INFORMATION

2.19.1 Excluded Tests

The following rules will not be tested for this transaction:

a) 4.20.2 #2

At least one of the following must be specified on the input transaction:

i) Sex (gender) on PID;

ii) Date of Birth on PID; or,

iii) Extended Person Name on ZIA.

In addition, there are no specific Field Notes tests for this transaction.

2.19.2 Test # R33.01 – Update Person Process

Send an R41 PHN Inquiry to confirm correct person selected then send an R33 Complete Person Information to update person information. An R41 is done to verify the update.

Rule(s) to be Tested

a) 4.20.1 #1

The R41 PHN Inquiry transaction must be performed before this transaction is performed to ensure that the correct person has been selected.

b) Minimum display standards for a successful transaction.

Prerequisites

PHN must exist on R&PB database with name of J A Carson and birth date of 19231001.

Data: Submission #1 – R41 to verify correct client selected.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID	9151074924
	External Patient ID.Namespace ID of Assigning Authority	BC
	External Patient ID.Identifier Type Code	PH
IN1	Plan Effective Date	Current Date

Test Verification: Submission #1 – R41 to verify correct client selected.

#	QA	SSO	Verification	Pass Fail	Comments
1)	X		QA to verify before image of database. Name should be J A Carson and birth date should be 19231001		

2.19 R33 – COMPLETE PERSON INFORMATION (cont'd)

2.19.2 Test # R33.01 – Update Person Process (cont'd)

Data: Submission #2 – R33 to complete person information

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	9151074924 BC PH
PID	Date of Birth	19231015
IN1	Sex (Gender)	F
ZIA	Extended Person Name.Family Name Extended Person Name.First Given Name	CARSON Jennifer

Test Verification: Submission #2 – R33 to complete person information.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	SSO to provide proof (screen prints indicating that an R33 cannot be submitted without a preceding R41.		
2)	X		QA to review transaction logs to confirm R41 issued prior to any R33.		
3)	X		QA to verify that name and birthdate changed on R&PB database.		

Data: Submission #3 – R41 to verify person information updated correctly.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	9151074924 BC PH
IN1	Plan Effective Date	Current Date

Test Verification: Submission #3 – R41 to verify person information updated correctly.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	4.15.2#1: SSO to provide screen print of Minimum Display/Print Standards fields for R41 as verification that R41 data = R33 on submission #2.		

2.20 R34 – UPDATE EMPLOYEE NUMBER AND/OR DEPARTMENT

2.20.1 Excluded Tests

The following rules will not be tested for this transaction:

a) None

In addition, there are no specific Field Notes tests for this transaction.

2.20.2 Test # R34.01 – Reset Employee Number

Send an R34 Update Employee Number to reset the employee number to blanks.

Rule(s) to be Tested

a) 4.21.1 #1

At least the Employee Number (Insured's Group Emp ID on IN1) or Employee Department Number (Insured's Group Emp Name on IN1) must be specified for this transaction. To reset an employee number or employee department number (to blanks) set the field value to "" (HL7 method to reset a field).

b) Minimum display standards for a successful transaction.

Prerequisites

PHN must exist on R&PB database and employee number must not be blank (i.e. must have a value).

Data: Submission #1 – R34 to update employee number and employee name.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	9151065821 BC PH
IN1	Group Number	4009304
IN1	Insured's Group Emp ID (Employee Number)	""
IN1	Insured's Group Emp Name (Employee Department Number)	

Test Verification: Submission #1 – R34 to update employee number and employee name.

#	QA	SSO	Verification	Pass Fail	Comments
1)	X		QA to verify employee number set to blanks on the R&PB database, including verification of who (or/userid) put it on the database.		
2)		X	Minimum Display Standards: SSO to provide screen print showing results of the transaction.		

2.21 R35 – END PAYER RELATIONSHIP

2.21.1 Excluded Tests

The following rules will not be tested for this transaction:

a) 4.22.2 #1

Plan Expiration Date (Coverage Cancel Date) on IN1 must:

i) Greater than the Plan Effective Date (Coverage Effective Date) for this employee/dependent;

ii) Greater than the person's birth date;

iii) Be the last day of the month; and,

iv) Not be more than 14 months in the past or 12 months in the future.

In addition, there are no specific Field Notes tests for this transaction.

2.21.2 Test # R35.01 – Display Standards

Send an R35 End Payer Relationship to remove employee and spouse from employer's group account.

Rule(s) to be Tested

a) Minimum display standards for a successful transaction.

Prerequisites

Employee and dependents must be recorded on the R&PB database.

Data: Submission #1 – R35 to end an employee relationship.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	9151230734 BC PH
IN1	Group Number	4075255
IN1	Plan Expiration Date	19991231
ZIH	Payer Cancel Reason	K

Test Verification: Submission #1 – R35 to end an employee relationship.

#	QA	SSO	Verification	Pass Fail	Comments
1)	X		QA to verify person indicated above has been properly cancelled on the R&PB database, including verification of who (or/userid) put it on the database.		
2)		X	Minimum Display Standards: SSO to provide screen print showing transaction successful.		

2.22 R36 – END PAYER RELATIONSHIP FOR DEPENDENT

2.22.1 Excluded Tests

The following rules will not be tested for this transaction:

a) 4.22.2 #1

Plan Expiration Date (Coverage Cancel Date) on IN1 must:

i) Greater than the Plan Effective Date (Coverage Effective Date) for this employee/dependent;

ii) Greater than the person's birth date;

iii) Be the last day of the month; and,

iv) Not be more than 14 months in the past or 12 months in the future.

In addition, there are no specific Field Notes tests for this transaction.

2.22.2 Test # R36.01 – Display Standards

Send an R36 End Payer Relationship For Dependent to remove dependent from employer's group account.

Rule(s) to be Tested

a) Minimum display standards for a successful transaction.

Prerequisites

Dependent must be recorded on Employee's group contract.

Data: Submission #1 – R36 to end dependent relationship.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	9151210377 BC PH
NK1	Relationship	DP
NK1	Next of Kin/Associated Party's Idenfiers.ID Next of Kin/Associated Party's Idenfiers.Namespace ID of Assigning Authority Next of Kin/Associated Party's Idenfiers.Indentifier Type Code	9151273091 BC PH
IN1	Group Number	4012779
IN1	Plan Expiration Date	19991231
ZIH	Payer Cancel Reason	K

2.22 R36 – END PAYER RELATIONSHIP FOR DEPENDENT (cont'd)

2.22.2 Test # R36.01 – Display Standards (cont'd)

Test Verification: Submission #1 – R36 to end dependent relationship.

#	QA	SSO	Verification	Pass Fail	Comments
1)	X		QA to verify person indicated above has been properly cancelled on the R&PB database, including verification of who (or/userid) put it on the database.		
2)		X	Minimum Display Standards: SSO to provide screen print showing transaction successful.		

2.23 R37 – GET ACCOUNT/CONTRACT ADDRESS

2.23.1 Excluded Tests

The following rules will not be tested for this transaction:

a) None

In addition, there are no specific Field Notes tests for this transaction.

2.23.2 Test # R37.01 – Display Standards

Send an R37 Get Account/Contract Address where contract has two addresses (residential and mailing).

Note: Minimum display standards have been added to HRS post v2.0.

Rule(s) to be Tested

a) Minimum display standards for a successful transaction.

Prerequisites

Contract on R&PB database has both home and mailing addresses recorded.

Data: Submission #1 – R37 to get account/contract address.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	9151260561 BC PH
IN1	Group Number	4009304

Test Verification: Submission #1 – R37 to get account/contract address.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	Minimum Display Standards: SSO to provide screen print showing data returned.		

2.24 R38 – UPDATE ACCOUNT/CONTRACT ADDRESS

2.24.1 Excluded Tests

The following rules will not be tested for this transaction:

a) 4.25.2 #2

Current implementation: only one telephone number can be updated.

b) 4.25.2 #3

Either the Extended Address on ZIA or Extended Telephone Number on ZIA must be specified.

In addition, there are no specific Field Notes tests for this transaction.

2.24.2 Test # R38.01 – Update Address Process

Send an R38 Update Account/Contract Address with 2 address repetitions (mailing and home). An R37 Get Account/Contract Address will be performed to verify update.

Rule(s) to be Tested

a) 4.25.2 #1

Extended Address on ZIA input:

Up to two addresses may be updated with this transaction, a residential/home address (Address Type of Extended Address on ZIA = “H”) and a mailing address (Address Type of Extended Address on ZIA = “M”).

If two addresses are specified, then two repetitions of Extended Address on one ZIA are used. The types (Address Type of Extended Address) will not be the same between the two repetitions. The addresses may be specified in any order by using Address Type to distinguish the type of address. The mailing (Address Type = “M”) is specified only if different than the residential/home address (Address Type = “H”).

If a residential/home address is specified (Address Type = “H”), then Zip or Postal Code is also required.

City and State or Province of Extended Address must be supplied in last line of address (Address Line 1, 2, 3 or 4), not as separate fields.

b) Minimum display standards for a successful transaction.

Prerequisites

PHN must be recorded on the R&PB database.

2.24 R38 – UPDATE ACCOUNT/CONTRACT ADDRESS (cont'd)

2.24.2 Test # R38.01 – Update Address Process (cont'd)

Data: Submission #1 – R38 to update account/contract address.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID	9151216195
	External Patient ID.Namespace ID of Assigning Authority	BC
	External Patient ID.Identifier Type Code	PH
IN1	Group Number	6003115
ZIA	REPETITION #1:	
	Extended Address.Address Line1	683 FAIRMONT RD
	Extended Address.City	GIBSONS
	Extended Address.State or Province	BC
	Extended Address.Zip or Postal Code	V0N1V0
	Extended Address.Country	CAN
	Extended Address.Address Type	H
ZIA	REPETITION #2:	
	Extended Address.Address Line1	S 4 C 59 R R 1
	Extended Address.City	GIBSONS
	Extended Address.State or Province	BC
	Extended Address.Zip or Postal Code	V0N1V0
	Extended Address.Country	CAN
	Extended Address.Address Type	M

Test Verification: Submission #1 – R38 to update account/contract address.

#	QA	SSO	Verification	Pass Fail	Comments
1)	X		QA to verify address record for person indicated has properly been updated on the R&PB database, including verification of who updated the database.		

Data: Submission #2 – R37 to verify address updated.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID	9151216195
	External Patient ID.Namespace ID of Assigning Authority	BC
	External Patient ID.Identifier Type Code	PH
IN1	Group Number	6003115

Test Verification: Submission #2 – R37 to verify address updated.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	SSO to provide screen print of Minimum Display/Print Standards fields for R37 as verification that R37 data = R38 on submission #1.		

2.25 R39 – UPDATE ACCOUNT/CONTRACT PHONE NUMBER

2.25.1 Excluded Tests

The following rules will not be tested for this transaction:

a) None

In addition, there are no specific Field Notes tests for this transaction.

2.25.2 Test # R39.01 – Update Phone Process

Send an R39 Update Account/Contract Phone Number with 2 phone number repetitions.

Rule(s) to be Tested

a) 4.26.2 #1

Current implementation: Only one telephone number can be updated.

b) Minimum display standards for a successful transaction.

Prerequisites

PHN must be recorded on the R&PB database.

Data: Submission #1 – R39 to update account/contract phone number.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	9151084932 BC PH
IN1	Group Number	6203285
ZIA	Extended Telephone Number.Telecommunication Use Code Extended Telephone Number.Telephone Type Extended Telephone Number.Area/city Code Extended Telephone Number.Phone Number	PRN PH 250 7234588
ZIA	Extended Telephone Number.Telecommunication Use Code Extended Telephone Number.Telephone Type Extended Telephone Number.Area/city Code Extended Telephone Number.Phone Number	PRN PH 250 7235388

2.25 R39 – UPDATE ACCOUNT/CONTRACT PHONE NUMBER (cont'd)

2.25.2 Test # R39.01 – Update Phone Process (cont'd)

Test Verification: Submission #1 – R39 to update account/contract phone number.

#	QA	SSO	Verification	Pass Fail	Comments
1)	X		QA to verify only one Telephone number for person indicated has been updated on the R&PB database, including verification of who updated the database.		
2)		X	Minimum Display/Print Standards: SSO to provide screen print showing results of transaction.		

2.26 R40 – ACCOUNT/CONTRACT INQUIRY

2.26.1 Excluded Tests

The following rules will not be tested for this transaction:

a) None

In addition, there are no specific Field Notes tests for this transaction.

2.26.2 Test # R40.01 – Display Standards

Send an R40 Account/Contract Inquiry which returns one address of type 'mailing and 4 people i.e. subscriber, spouse and one dependent with student status = 'F'.

Note: Minimum display standards have been added to HRS post v2.0.

Rule(s) to be Tested

a) Minimum display standards for a successful transaction.

Prerequisites

Contract on R&PB database has 4 people and mailing address recorded.

Data: Submission #1 – R40 to get contract information.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	9151201876 BC PH
IN1	Group Number	4801742

Test Verification: Submission #1 – R40 to get contract information.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	Minimum Display Standards: SSO to provide screen print showing results of transaction.		

2.27 R41 – NEW PAYER INQUIRY

2.27.1 Excluded Tests

The following rules will not be tested for this transaction:

a) None

In addition, there are no specific Field Notes tests for this transaction.

2.27.2 Test # R41.01 – Display Standards

Send an R41 New Payer Inquiry transaction to verify Minimum Display/Print Standards.

Rule(s) to be Tested

a) Minimum Display/Print Standards for a successful transaction.

Prerequisites

PHN must return at least one and fewer than 25 matches.

Data: Submission #1 – R41 to confirm display standards.

Seg	HL7 Field (Other Name)	Data
PID	External Patient ID.ID External Patient ID.Namespace ID of Assigning Authority External Patient ID.Identifier Type Code	9151056808 BC PH
IN1	Plan Effective Date	19900101

Test Verification: Submission #1 – R41 to confirm display standards.

#	QA	SSO	Verification	Pass Fail	Comments
1)		X	Minimum Display/Print Standards: SSO to provide screen print showing results of transaction.		