

## R45\_Z27 – RENEW PAYOR RELATIONSHIP

### 1 General

Standards for messaging to and from Ministry of Health applications using HL7 are described in a series of business and technical volumes. Volumes 1, 2, 5, 6 and 7 are common for all application interfaces. Volumes 3 and 4 are customized to the requirements of particular business areas. This message specification is a component of Volume 4 – HL7 Message Specifications.

A catalogue of all supported messages and message interactions can be found in Volume 1.

All documentation is available on the *healthnetBC* web site <http://healthnet.hnet.bc.ca/catalogu/tech/compdocs.html>

#### 1.1 Corrections and updates

Corrections and update notes can be found at the end of this document. A vertical line in the outside boarder denotes corrections within the document. <sup>1</sup>

#### 1.2 R45\_Z27 - Transaction Overview

This message is related to establishment and maintenance of insurance premium payment contracts.

This transaction will enable a user to renew a cancelled coverage for an employee and his/her dependents, without having to re-enter all the information required for an R30.

The receiving system responds with an “ACK” message to indicate whether the change has been received.

## 2 Sending System

### 2.1 R45\_Z27 - Processing Rules

No Processing Rules have been defined at this time.

### 2.2 R45\_Z27 - Minimum Display/Print Standards – Sending System

For each submission of this transaction, an indication of success or failure must be either:

- Displayed to the user, if transaction submitted on-line, or
- Printed on a paper report or logged in a file, if transaction submitted in batch.

Success or failure can be determined by using the tests below:

- **Success** = MSA segment present and Acknowledgement Code on MSA = “AA” (application accept),
- **Failure** = no MSA segment or Acknowledgement Code on MSA not = “AA” (application accept). Acknowledgement Code may be “AE” (application error) or “AR” (application rejectRefer to 'MSA Segment' in Volume 5 for more information on acknowledgement code use.

For a transaction failure:

- The following data elements must be displayed to the user, reported or logged (see above):

Information Returned by <i>healthnetBC</i>	Mandatory Display	Display on First Screen?	Segment	Field
Text Message	Y	Y	MSA	<ul style="list-style-type: none"> <li>• Text Message (see segment for field decomposition rules)</li> </ul>
All information, warning, error messages on ERR segment	Y	Y	ERR	<ul style="list-style-type: none"> <li>• Error Code and Location: Identifier of Code Identifying Error, Text of Code Identifying Error</li> </ul>

For a transaction success:

- The following data elements must be displayed to the user, reported or logged (see above):

Information Returned by <i>healthnetBC</i>	Mandatory Display	Display on First Screen?	Segment	Field
No additional data elements have been determined at this time.				

### 2.3 R45 - Transaction Summary - Sending System

The following specification illustrates the structure of the HL7 transaction.

{ } denotes one or more repetitions of the enclosed segment(s)

[ ] denotes that the enclosed segments are optional

Refer to 'Appendix A, *healthnetBC* Fixed Length Segment Definitions' for more details on each of the segment definitions.

#### Input Transaction (R45)

MSH	Message Header	Required
ZHD	<i>healthnetBC</i> Message Header	Required
PID	Person Identification	Required. Identity of covered party.
IN1	Insurance	Required
ZIN	<i>healthnetBC</i> Insurance Payment Extension	Required

## 2.4 R45\_Z27 - Transaction Segments and Fields - Sending System

MSH		Required					
Seq	Field	Req/ Opt	# of Reps	Proc Rule	Data Type	Table	Field Notes
-	Segment Id	R	1		SI		"MSH"
1	Field Separator	R	1		ST		" "
2	Encoding Characters	R	1		ST		"^~\&"
3	Sending Application	R	1		HD		<ul style="list-style-type: none"> <li>Namespace ID (15) - Business application that originated the transaction; user defined/assigned</li> </ul>
4	Sending Facility	R	1		HD		<ul style="list-style-type: none"> <li>Namespace ID (20) - Sending Network Facility ID; <i>healthnetBC</i> assigned</li> </ul>
5	Receiving Application	R	1		HD		<ul style="list-style-type: none"> <li>Namespace ID (15) - Business application that will accept the transaction; valid value is "RAIRNW-CNCL"</li> </ul>
6	Receiving Facility	R	1		HD		<ul style="list-style-type: none"> <li>Namespace ID (20) - Receiving Network Facility ID; <i>healthnetBC</i> assigned</li> </ul>
7	Date/Time of Message	R	1		TS		Date/Time transaction was sent from sending system (24) - YYYYMMDDHHMMSS.SSSS+/-ZZZZ
8	Security	R	1		ST		User ID that uniquely identifies sending system user (20)
9	Message Type	R	1		CM4		<ul style="list-style-type: none"> <li>Message Type (3) - Transaction Identification; valid value is "R45"</li> <li><i>Trigger Event (3) - required; valid value is "Z27"</i></li> </ul>
10	Message Control ID	R	1		ST		Unique transaction number (20) - see MSH definition for more information
11	Processing ID	R	1		PT <sup>2</sup>		<ul style="list-style-type: none"> <li>Processing ID (1) - valid values are "D", "E", "T", "P"</li> </ul>
12	Version ID	R	1		ID	HNET :0103	HL7 version supported by <i>healthnetBC</i> (8) - valid value is "2.3"

ZHD		Required					
Seq	Field	Req/ Opt	# of Reps	Proc Rule	Data Type	Table	Field Notes
-	Segment Id	R	1		SI		"ZHD"
1	Business Event Date/Time	R	1		TS		Date/Time business event occurred that "created" this transaction (19) - YYYYMMDDHHMMSS+/-ZZZZ
2	Business Organization	R	1		HNET :XON		Business organization that originated the transaction; <i>healthmetBC</i> assigned <ul style="list-style-type: none"> <li>Organization Name – Not Supported <sup>3</sup></li> <li>Organization Name Type code – Not Supported</li> <li>ID Number (20) - Organization ID; required</li> </ul>
3	Business User Group	R	1		ST		Service Permission Group that user belongs to (30)
7	Software Version Number	R	1		ST		Latest version number of sending application software that has been compliance tested by <i>healthnetBC</i> (15)

PID		Required					
Seq	Field	Req/ Opt	# of Reps	Proc Rule	Data Type	Table	Field Notes
-	Segment Id	R	1		SI		"PID"
2	External patient ID	R	1		CX		Personal Health Number (PHN) <ul style="list-style-type: none"> <li>ID (10) – Personal Health Number (PHN); required</li> <li>Namespace ID of Assigning Authority (5) – Identifier Issuing Jurisdiction; required; valid value is "BC"</li> <li>Identifier Type Code (2) – required; valid value is "PH"</li> </ul>
3	<i>Patient ID – (Internal ID)</i>	-					<i>Not Supported</i> <sup>4</sup>
5	<i>Patient Name</i>	-					<i>Not Supported</i> <sup>4</sup>

IN1		Required					
Seq	Field	Req/ Opt	# of Reps	Proc Rule	Data Type	Table	Field Notes
-	Segment ID	R	1		SI		"IN1"
1	Set ID – IN1	-					Not Supported <sup>4</sup>
2	Insurance Plan ID	-					Not Supported <sup>4</sup>
3	Insurance Company ID	-					Not Supported <sup>4</sup>
8	Group Number	R	1		ST		Group Number (7)

ZIN		Required					
Seq	Field	Req/ Opt	# of Reps	Proc Rule	Data Type	Table	Field Notes
-	Segment ID	R	1		SI		"ZIN"
3	Premium Payment Renewal Date	R	1		DT		Start date on which the party paying part or all of the insured's premiums resumes premium payments on a previously cancelled contract. CCYYMMDD (8)

### 3 Receiving System

#### 3.1 R45\_Z27 - Processing Rules – Receiving System

The Receiving System will respond to this message with an ACK Message.



DOCUMENT MODIFICATION HISTORY		
VERSION	RELEASE DATE	DESCRIPTION
1.0	July 2002	Original document
1.1	January 9, 2004	<ul style="list-style-type: none"><li>• Added 'General Introduction'</li><li>• Corrections to published specification, as described below. Unless otherwise noted, these corrections do not reflect changes to the supported message specification. (New and superseded messages are described in Volume 1.)</li><li>• Message components or vocabulary marked for future release in previous version have either been removed entirely or marked as Not Supported. Any substantive changes to these specifications in future will be released as new messages in order to provide for backward compatibility</li></ul>

### Corrections and Update Notes

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<sup>1</sup> 02/Nov/27 – example of correction

<sup>2</sup> Typo correction. Previously listed as ID, reflecting the datatype of the first component of MSH.11. Note that the second component of the PT datatype, "Processing Mode", is not supported in this message.

<sup>3</sup> Not Supported' components added for complex datatype to clarify the component structure. No functional change.

<sup>4</sup> This HL7 required component is not supported for this message.