

R51_Z25 – Extend Visa Resident Cancel Date

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* software development 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. ¹

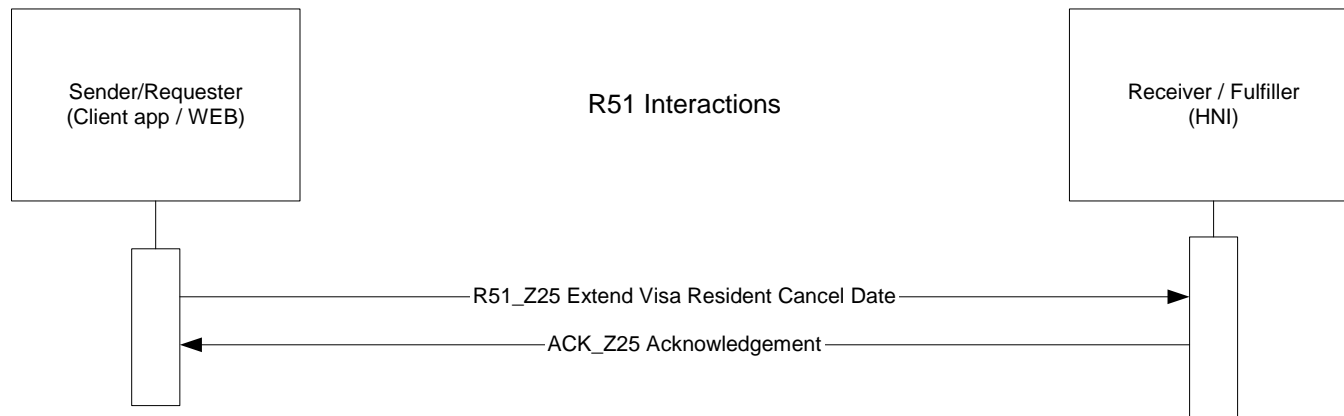
1.2 R51_Z25 - Transaction Overview

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

This transaction will enable an employer to register a visa renewal and extend the premium cancellation date for an employee on a work visa or an international student on a student visa. The same cancellation date will be applied to his/her dependents if applicable.

1.3 R51 Valid Interactions

The following interactions are permitted with the R51 message.



2 Sending System

2.1 R51_Z25 - Processing Rules – Sending System

1. The Sender must indicate both the existing Cancellation Date that is to be replaced, as well as the new value. This is done through repetition of the ZIN segment and in each instance valuing the ZIN.4 Segment Action Code to distinguish between the existing and new Cancellation Dates.

First instance of ZIN segment:

- ZIN.2 Premium Payment End Date is set to an existing Cancellation Date and
- ZIN.4 Segment Action Code is set to "D"

Second instance of ZIN segment;

- ZIN.2 Premium Payment End Date is set to new Cancellation Date and
 - ZIN.4 Segment Action Code is set to “U”
2. The new cancellation date must
 - Be the last day of the month
 - Be less than three months after the Visa Expiry Date
 3. The sender must indicate both the Visa Issue Date and the Visa Expiry Date. This is done through repetition of the Document Argument field in the ZIK segment, using the Argument Name to distinguish the dates.

First instance of ZIK.4 Document Argument

- Argument Name is set to “VISA_ISSUE”
- Argument Value is set to the Visa Issue Date with a format of CCYYMMDD

Second instance of ZIK.4 Document Argument

- Argument Name is set to “VISA_XPIRY”
- Argument Value is set to the Visa Expiry Date with a format of CCYYMMDD

2.2 R51_Z25 - 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 reject). Refer 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 HealthNet/BC	Mandatory Display	Display on First Screen?	Segment	Field
Text Message	Y	Y	MSA	<ul style="list-style-type: none"> Text Message (see segment for field decomposition rules)
All information, warning, error messages on ERR segment	Y	Y	ERR	<ul style="list-style-type: none"> Error Code and Location: Identifier of Code Identifying Error, Text of Code Identifying Error

For a transaction success:

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

Information Returned by HealthNet/BC	Mandatory Display	Display on First Screen?	Segment	Field
No additional data elements have been determined at this time.				

2.3 R51 - 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, HealthNet/BC Fixed Length Segment Definitions' for more details on each of the segment definitions.

Input Transaction (R51)

MSH	Message Header	Required
ZHD	HealthNet/BC Message Header	Required
PID	Person Identification	Required
ZIA	HealthNet/BC Person Identification Extension	Required
IN1	Insurance	Required
ZIK	HealthNet/BC Documentation Extension	Required
{ ZIN }	HealthNet/BC Insurance Payment Extension	Required. Repeats minimum 2, maximum 2.

2.4 R51_Z25 - Transaction Segments and Fields - Sending System

MSH		Required					
Seq	Field	Req/ Opt	# of Reps	Proc Rule	Data Type	Table	Field Notes
-	Segment Id	R			HL7: SI		"MSH"
1	Field Separator	R			HL7: ST		" "
2	Encoding Characters	R			HL7: ST		"^~\&"
3	Sending Application	R			HNET: :HD ²		<ul style="list-style-type: none"> Namespace ID (15) - Business application that originated the transaction; user defined/assigned
4	Sending Facility	R			HNET: :HD ²		<ul style="list-style-type: none"> Namespace ID (20) - Sending Network Facility ID; HealthNet/BC assigned
5	Receiving Application	R			HNET: :HD ²		<ul style="list-style-type: none"> Namespace ID (15) - Business application that will accept the transaction; valid value is "RAIEXTEND-VISA"
6	Receiving Facility	R			HNET: :HD ²		<ul style="list-style-type: none"> Namespace ID (20) - Receiving Network Facility ID; HealthNet/BC assigned
7	Date/Time of Message	R			HNET: :TS		Date/Time transaction was sent from sending system (24) – YYYYMMDDHHMMSS[.S[S[S[S]]]][/-ZZZZ]
8	Security	R			HL7: ST		User ID that uniquely identifies sending system user (20)
9	Message Type	R			HL7: CM4		<ul style="list-style-type: none"> Message Type (3) - Transaction Identification; valid value is "R51" Trigger Event (3) – Business Event Identification; valid value is "Z25"
10	Message Control ID	R			HL7: ST		Unique transaction number (20) - see MSH definition for more information

MSH							
Required							
Seq	Field	Req/ Opt	# of Reps	Proc Rule	Data Type	Table	Field Notes
11	Processing ID	R			HL7: PT	HNET :0103	<ul style="list-style-type: none"> Processing ID (1) - valid values are "D", "E", "T", "P"
12	Version ID	R			HL7: ID	HL7:0 104	HL7 version supported by HealthNet/BC (8) - valid value is "2.3"

ZHD							
Required							
Seq	Field	Req/ Opt	# of Reps	Proc Rule	Data Type	Table	Field Notes
-	Segment Id	R			HL7: SI		"ZHD"
1	Business Event Date/Time	R			HNET : TS		Date/Time business event occurred that "created" this transaction (19) - YYYYMMDDHHMMSS+/-ZZZZ
2	Business Organization	R			HNET : XON		Business organization that originated the transaction; HealthNet/BC assigned <ul style="list-style-type: none"> Organization Name – Not Supported ³ Organization Name Type code – Not Supported ID Number (20) - Organization ID; required
3	Business User Group	R			HL7: ST		Business User Group or Role that user belongs to (30)
7	Software Version Number	R			HL7: ST		Latest version number of sending application software that has been compliance tested by HealthNet/BC (15)

PID		Required					
Seq	Field	Req/ Opt	# of Reps	Proc Rule	Data Type	Table	Field Notes
-	Segment Id	R			HL7: SI		"PID"
2	External patient ID	R			HNET : CX		Personal Health Number (PHN) <ul style="list-style-type: none"> • ID (10) – Personal Health Number (PHN); required • Namespace ID of Assigning Authority (5) – Identifier Issuing Jurisdiction; required; valid value is "BC" • Identifier Type Code (2) – required; valid value is "PH"
3	<i>Internal Patient ID</i>	-					<i>Not Supported</i> ⁴
5	<i>Patient Name</i>	-					<i>Not Supported</i> ⁴

ZIA		Required					
Seq	Field	Req/ Opt	# of Reps	Proc Rule	Data Type	Table	Field Notes
-	Segment ID	R			HL7: SI		"ZIA"
24	Immigration or Visa Code	R			HL7: ID	HNET :9932	Subscriber Immigration or Visa Code (1); valid values are "S", "W"

IN1		Required					
Seq	Field	Req/ Opt	# of Reps	Proc Rule	Data Type	Table	Field Notes
-	Segment ID	R			HL7: SI		"IN1"
1	<i>Set ID – IN1</i>	-					<i>Not Supported</i> ⁴
2	<i>Insurance Plan ID</i>	-					<i>Not Supported</i> ⁴
3	<i>Insurance Company ID</i>	-					<i>Not Supported</i> ⁴
8	Group Number	R			HL7: ST		Group Number (7)

ZIK		Required					
Seq	Field	Req/ Opt	# of Reps	Proc Rule	Data Type	Table	Field Notes
-	Segment ID	R			HL7: SI		"ZIA"
4	Document Argument	R	2-2	3	HNET :ZRG		Repeating group of arguments that describe the document <ul style="list-style-type: none"> Argument Name (10) – required; valid values are "VISA_ISSUE", "VISA_XPIRY" Argument Value (8) – required. The date Visa issued / expired. CCYYMMDD.

ZIN							
Required. Repeats, minimum 1, maximum 2.							
Seq	Field	Req/ Opt	# of Reps	Proc Rule	Data Type	Table	Field Notes
-	Segment ID	R			HL7: SI		"ZIN"
2	Premium Payment End Date	R ⁵		2	DT		Coverage Cancel Date (8). End date for the party paying all or part of the premiums for the beneficiary's plan.
4	Segment Action Code	R		1,2	ID	HNET :0206	Indicates the action to be carried out using the contents of this segment (add / insert, update or delete). Valid values are "D", "U".

2.5 R51_Z25 - Processing Rules – Receiving System

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



DOCUMENT MODIFICATION HISTORY		
VERSION	RELEASE DATE	DESCRIPTION
1.0	May 2003	Original Version. In-house publication.
2.0	January 9, 2004	<ul style="list-style-type: none">• Re-formatted for publication.• Trigger code amended, was Z26.• ZIN.2 changed to "Required", consistent with business usage rules.

¹ Sample endnote.

² Correction to typo. Previously listed as ID datatype, should have been HD as shown in Appendix A segment definition

³ 'Not Supported' components added here (and elsewhere) for complex datatypes to clarify the component structure. No functional change

⁴ This HL7 required component is not supported for this message.

⁵ Changed to Required from Optional. This is consistent with business rules for usage.

