eHealth Exchange™

eHealth Exchange Participant Testing
Content Test Case (Basic C32)
Development Requirement Specification

Test Case ID:	TC: C32-0001.0
Title:	Basic C32 Content Testing
Release Date:	20141210
Version:	2
SUT Role:	Content

Coverage Specifications

2011 NwHIN:	false
2010 NwHIN:	false
ONC Edition version:	2011
Flow:	Basic Success
Optionality:	Basic C32 Required

Coverage Notes:

Purpose/Description

Applicant produces and submits a Basic C32 Message File for Validation based on the ONC 2011 Edition criteria §170.306 (f) Exchange Clinical Information and Summary Record – C32 Format only.

Preconditions

Data Load Set

All of the potential Test Data – Sets can be located on pages 12-23 within the document for the Test Procedure for the ONC 2011 Edition criteria §170.306 (f) Exchange Clinical Information and Summary Record located at the URL:
http://healthcare.nist.gov/docs/170.306.f_ExchangeClinicalinfoSummaryRecordIP_v1.1.pdf

Data Notes

The Applicant should be ready to use any of the Test Data - Sets. The eHealth Exchange Tester will determine which Test Data - Set the Applicant will use to produce a Basic C32 Message File for the test and let the Applicant know which one they have selected.

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Test Steps

1. eHealth Exchange Tester emails a file to testing@sequoiaproject.org to indicate which Test Data - Set the Applicant will use to produce a Basic C32 Message File.

2. Applicant uses the specified Test Data - Set and produces a Basic C32 Message File in a C32 Format only – CCR formats will not be accepted for this Test Case. The naming convention for the file should be "[Applicant Name]_BasicC32_Message_File_submission[x]" where 'x' is the attempt number.

3. Applicant emails the Basic C32 Message File to testing@sequoiaproject.org.

4. eHealth Exchange Tester opens the NIST Validator Tool to validate the Basic C32: (http://xreg2.nist.gov/cda-validation/mu.html)

5. eHealth Exchange Tester selects the MU_HITSP_C32 Document type and selects the 'Choose File' button and browses to the downloaded Basic C32 Message File and then clicks on the 'Validate' button.

6. eHealth Exchange Tester starts a Summary Report with the information from the NIST Validator Tool and any analysis by the eHealth Exchange Tester as appropriate.

7. eHealth Exchange Tester pulls out the Human Readable Report from the downloaded Basic C32 Message File.

8. eHealth Exchange Tester manually validates the Human Readable Report to confirm conformance
   a. Completeness and correct sections are included based on the Test Data - Set
   b. Completeness and Vocabulary conformance based on the Test Data - Set

9. eHealth Exchange Tester does a second manual pass for conformance of the same items within the coded XML part of the downloaded Basic C32 Message File in the XML Editor.

10. eHealth Exchange Tester completes the Summary Report with the additional information from the manual inspection on completeness and conformance, including any analysis by the eHealth Exchange Tester as appropriate. The completed Summary Report is then provided to the Applicant.

12. If the Summary Report contains any errors from either the NIST Validator Tool or the manual inspection, the Applicant has the ability to fix the error and email the new Basic C32 Message File. This may only occur once before a retest fee must be paid. The eHealth Exchange Tester will go through steps 3 – 10 with the new Basic C32 Message File.

   If the Summary Report contains no errors, the Applicant has passed the Content Testing requirement.

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Referenced Specifications

2011 NwHIN Specification	None
ONC 2014 Edition	None
2010 NwHIN Specification	None
ONC 2011 Edition	§170.306(f) – Electronically generate summary patient record (compliant with C32 only – not CCR)

Change History	
Date	**Author**
December 10, 2014	Didi Davis