**Immunization Test Tool Release Notes for Version 1.3.0 May 5, 2016**

**Data**

| **Test Case** | **Issue** | **Resolution** |
| --- | --- | --- |
| None |  |  |

**Specific Validation**

| **Issue** | **Resolution** |
| --- | --- |
| The tool is reporting the following error on the optional field NK1-35.3 (Race); Invalid Code System. Expected: 'HL70005', Found: 'CDCREC'".  This issue applies to other optional elements with value sets. | It is a NIST policy to validate optional elements to the base standard. In the case of value set detection on optional elements, an exception will be made since it is allowable to profile tables (value sets) in derived profiles. The tool was modified to report Alert for optional elements with value set detections. |

**User Interface**

| **Issue** | **Resolution** |
| --- | --- |
| None |  |

**Core Functionality**

| **Issue** | **Resolution** |
| --- | --- |
| None |  |

**Documentation**

| **Issue** | **Resolution** |
| --- | --- |
| The NIST Immunization Normative Test Process Document did not include an explanation about the single message (step by step) testing and multiple message (multiple step) testing and the new capabilities now included. | The NIST Immunization Normative Test Process Document has been updated to V1.3.  Verbiage was added at the beginning of the Normative Test Description section to explain in detail the two ways that the ONC Certification testing can be completed using the Immunization Tool, including:   * Single message (step by step) testing * Multiple message (multiple step) testing   This verbiage also describes the new capabilities that allow the Tester to modify the Validation Results and to add a Comment to the Validation Report produced for each Test Step. |
| The NIST tool Tutorial should to be updated to include the single message (step by step) and multi message (multi step) testing capabilities. | The NIST tool Tutorial has been updated. A Walk through on how to use the single message and multi message capabilities was added as well as the capability to modify the Validation Results and to add a Comment to the Validation Report produced for each Test Step.  A walk through enabling and disabling the transport for the execution of multi message testing was also included. **Transport usage** **does not affect 2015 ONC Health IT Certification.** |

**SOAP Functionality**

| **Issue** | **Resolution** |
| --- | --- |
| After version 1.2.0 released, the test tool transport is no longer sending the right response back to the query message, instead it responded with ACK. | The issue was identified and a transport fix was implemented.This fix does not affect 2015 ONC Health IT Certification. |

**Improvements/Features**

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| --- |
| Previously, in order to perform Context-based validation using the Category/Qualifier combination assigned to the Data Elements in the message, the NIST Tool expected the **repeatable** **fields/segments/segment groups** in the message to be sequenced in a certain order. This sequencing requirement has been changed. Now, the Tool has the ability to validate **repeatable** **fields/segments/segment groups** in a given message in any sequence.  In addition, **segments** and **segment groups** that *are not accounted for in the test data* can be added to the message in any sequence (as long as the segment sequence is conformant to the standard), and the Tool will validate these elements without generating a content error.  Note: For **repeatable fields**, however– such as PID-13 (Phone Number) – the Tool will still generate a content error if a field that is not accounted for in the test data is inserted **before** a field that is populated with data that are provided in the test data. For example:  If the test message has a set of data in the first repeatable field of PID-13 and this set of data is accounted for in the provided test data, and then an additional set of data is inserted in a repeatable field after that first field, the Tool will *not* generate a content error. If the additional set of data is inserted before that first field, the Tool will generate a content error.  “|^PRN^PH^^^406^5557896|” can become “[|^PRN^PH^^^406^5557896~^NET^^Elise.Wong@isp.com|](mailto:|%5ePRN%5ePH%5e%5e%5e406%5e5557896~%5eNET%5e%5eElise.Wong@isp.com|)” and the Tool will not generate a content error.  “|^PRN^PH^^^406^5557896|” cannot become “[|^NET^^Elise.Wong@isp.com~^PRN^PH^^^406^5557896|](mailto:|%5eNET%5e%5eElise.Wong@isp.com~%5ePRN%5ePH%5e%5e%5e406%5e5557896|)” or the Tool will generate a content error, which can be ignored. This content error message will be eliminated in a future release of the Tool. |

**Issues for a Future Release**

| **Test Case/if Applicable** | **Issue** |
| --- | --- |
| Multiple | Due to lack of clarity in the implementation guide on the use and purpose of this element, the test tool will only validate the first occurrence of RXA.9. Therefore, any errors related to RXA.9 repetitions should be ignored. |