**Immunization Test Tool Release Notes for Version 1.7.0 MMM DD, 2017**

**Data**

| **Test Case / Message Profile** | **Issue** | **Resolution** |
| --- | --- | --- |
| Administration Group  Test Case: IZ-AD-5\_Refusal  Test Step: IZ-AD-5.1\_Send\_V04\_Z22 | The CDC NDC tables include for Hiberix (Hib (PRP-T)) the NDC Unit of Use codes 58160-0816-05 and 58160-0806-01; and the NDC Unit of Sale codes 58160-0806-05 and 58160-0818-11.  For Test Step IZ-AD-5.1\_Send\_V04\_Z22, the Test Suite expects either NDC Unit of Use code 58160-0806-01 or NDC Unit of Sale code 58160-0806-05 for Hiberix.  If NDC Unit of Use code 58160-0816-05 or NDC Unit of Sale code 58160-0818-11 is used for Hiberix in the test message, the Test Suite generates an error notification. | Test Step IZ-AD-5.1\_Send\_V04\_Z22 in the Test Suite has been changed to accept all of the following NDCs for Hiberix (Hib (PRP-T)):  NDC Unit of Use codes:   * 58160-0816-05 * 58160-0806-01   NDC Unit of Sale codes:   * 58160-0806-05   Fixed in TCAMT   * 58160-0818-11 |
| Administration Group  Test Case: IZ-AD-5\_Refusal  Test Step: IZ-AD-5.1\_Send\_V04\_Z22 | The CDC NDC tables did not include NDC Unit of Use code **58160-0816-01** for Hiberix (Hib (PRP-T)) as of the time the Immunization Test Suite was last updated; therefore, this code is not an accepted option for this Test Case’s test message. | Test Step IZ-AD-5.1\_Send\_V04\_Z22 has been changed to accept the NDC Unit of Use code **58160-0816-01** for Hiberix (Hib (PRP-T)) as well as the following codes:  NDC Unit of Use codes:  Fixed in TCAMT   * 58160-0816-05 * 58160-0806-01   NDC Unit of Sale codes:   * 58160-0806-05 * 58160-0818-11 |
| Administration Group  Test Case: IZ-AD-8\_Admin\_IIS-Warning  Test Step: IZ-AD-8.2\_Receive\_ACK\_Z23 | The test data in the Error Location (ERR-2) field in the ERR segment of the ACK message is “RXR^2^1^1^1”, which is incorrect.  The test data in the Error Location field in the ERR segment should be “RXR^1^2^1^1” (the first RXR, 2nd field, 1st occurrence, 1st component), as the ACK message is simulating a mapping error issue in the IIS where the IIS is unable to recognize the administration site sent in RXR-2 of the VXU message (that contains data for only one vaccine) even though it is valid. | The test data in the Error Location field in the ERR segment of the ACK message has been changed to “RXR^1^2^1^1”  Fixed in TCAMT |
| Administration Group  Test Case: IZ-AD-10\_Historical\_IIS-SysError  Test Step: IZ-AD-10.2\_Receive\_ACK\_Z23 | The test data in the Error Location (ERR-2) field in the ERR segment of the ACK message is “MSH^12^1^1”, which is incorrect.  The test data in the Error Location field in the ERR segment should be “MSH^1^12^1^1” (the first MSH, 12th field, 1st occurrence, 1st component). The ACK message is simulating  an error in the IIS software where the IIS is unable to recognize the HL7 version ID sent in MSH-12 even though it is valid. | The test data in the Error Location field in the ERR segment of the ACK message has been changed to “MSH^1^12^1^1”  Fixed in TCAMT |

**Specific Validation**

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

**User Interface**

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

**Core Functionality**

| **Issue** | **Resolution** |
| --- | --- |
| The CDC NDC tables did not include NDC Unit of Use code **58160-0816-01** for Hiberix as of the time the Immunization Test Suite was last updated; therefore, this code is not included in the NDC Unit of Use value set in the tool. | The NDC Unit of Use code **58160-0816-01** for Hiberix (Description = Hib (PRP-T)) has been added to the value set in the tool for Z22 messages |
| The CDC NDC Value Sets in the tool do not include a set of NDCs for RabAvert (Description = Rabies - IM fibroblast culture) | For Z22 messages:  These NDC codes have been added to the NDC Unit of Use Value Set:   * 58160-0966-12 * 58160-0966-01 * 63851-0511-11   These NDC codes have been added to the NDC Unit of Sale Value Set:   * 58160-0964-12 * 63851-0501-02 * 63851-0501-01 |
| CVX code 186 (Influenza, injectable, Madin Darby Canine Kidney,  quadrivalent) is not in the **CVX/Codes for Vaccines Administered Value Set** in the Immunization Test Suite | The **CVX/Codes for Vaccines Administered Value Set** in the tool has been updated; code 186 (Influenza, injectable, Madin Darby Canine Kidney,  quadrivalent) has been added for Z22, Z32, and Z42 messages |
| Manufacturers have released new NDCs for influenza products for the 2017-2018 season. | The following NDCs have been added to the NDC Unit of Use Value Set in the Tool for use with Z22 messages: |

| **Brand Name** | **Description** | **NDC-Unit of Use** |
| --- | --- | --- |
| Afluria | Influenza, seasonal, injectable | 33332-0117-11 |
| influenza, injectable, quadrivalent, preservative free | 33332-0317-02 |
| influenza, injectable, quadrivalent | 33332-0417-11 |
| Influenza, seasonal, injectable, preservative free | 33332-0017-02 |
| Flublok | influenza, recombinant, injectable, preservative free | 42874-0016-01 |
| influenza, recombinant, quadrivalent,injectable, preservative free | 42874-0117-01 |
| influenza, recombinant, injectable, preservative free | 42874-0017-01 |
| Flucelvax | Influenza, injectable, MDCK, preservative free, quadrivalent | 70461-0201-11 |
| Influenza, injectable, MDCK, quadrivalent, preservative | 70461-0301-12 |
| Flucelvax | Influenza, injectable, MDCK, quadrivalent, preservative | 70461-0200-12 |
| Flulaval | influenza, injectable, quadrivalent, preservative free | 19515-0912-41 |
| influenza, injectable, quadrivalent | 19515-0896-01 |
| Fluvirin | Influenza, seasonal, injectable, preservative free | 70461-0120-12 |
| Influenza, seasonal, injectable | 70461-0120-11 |
| Fluzone | Influenza, high dose seasonal | 49281-0401-88 |
| influenza, intradermal, quadrivalent, preservative free | 49281-0712-48 |
| Influenza, injectable,quadrivalent, preservative free, pediatric | 49281-0517-00 |
| influenza, injectable, quadrivalent, preservative free | 49281-0417-88 |
| influenza, injectable, quadrivalent, preservative free | 49281-0417-58 |
| influenza, injectable, quadrivalent | 49281-0627-78 |
| Fluad | influenza, trivalent, adjuvanted | 70461-0002-11 |
| Fluarix | influenza, injectable, quadrivalent, preservative free | 58160-0907-41 |

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| --- | --- |
| **Issue** | **Resolution** |
|  | The following NDCs have been added to the NDC Unit of Sale Value Set in the Tool for use with Z22 messages: |

| **Brand Name** | **Description** | **NDC - Unit of Sale** |
| --- | --- | --- |
| AFLURIA | Influenza, seasonal, injectable, preservative free | 33332-0017-01 |
| Influenza, seasonal, injectable | 33332-0117-10 |
| influenza, injectable, quadrivalent | 33332-0417-10 |
| influenza, injectable, quadrivalent, preservative free | 33332-0317-01 |
| Fluad | influenza, trivalent, adjuvanted | 70461-0002-01 |
| Fluarix | influenza, injectable, quadrivalent, preservative free | 58160-0907-52 |
| Flublok | influenza, recombinant, injectable, preservative free | 42874-0017-10 |
| influenza, recombinant, injectable, preservative free | 42874-0016-10 |
| influenza, recombinant, quadrivalent,injectable, preservative free | 42874-0117-10 |
| influenza, recombinant, quadrivalent,injectable, preservative free | 42874-0116-10 |
| Flucelvax | Influenza, injectable, MDCK, preservative free, quadrivalent | 70461-0201-01 |
| Influenza, injectable, MDCK, quadrivalent, preservative | 70461-0200-02 |
| Influenza, injectable, MDCK, quadrivalent, preservative | 70461-0301-10 |
| Flulaval | influenza, injectable, quadrivalent, preservative free | 19515-0912-52 |
| influenza, injectable, quadrivalent | 19515-0896-11 |
| Fluvirin | Influenza, seasonal, injectable, preservative free | 70461-0120-02 |
| Influenza, seasonal, injectable | 70461-0120-10 |
| Fluzone | Influenza, high dose seasonal | 49281-0401-65 |
| influenza, intradermal, quadrivalent, preservative free | 49281-0712-40 |
| influenza, injectable, quadrivalent | 49281-0627-15 |
| influenza, injectable, quadrivalent, preservative free | 49281-0417-10 |
| influenza, injectable, quadrivalent, preservative free | 49281-0417-50 |
| Influenza, injectable,quadrivalent, preservative free, pediatric | 49281-0517-25 |

**Documentation**

| **Issue** | **Resolution** |
| --- | --- |
| Understanding Immunization Meaningful Use Certification Testing document is outdated with broken url links and image of older Tool user interface | Understanding Immunization Meaningful Use Certification Testing document has been updated to V6.0 |
| The Example Message txt document in the Context-based feature   * Test Case: IZ-AD-8\_Admin\_IIS-Warning * Test Step: IZ-AD-8.2\_Receive\_ACK\_Z23   + ERR segment in the Message txt contains an error in ERR-2 field: “RXR^2^1^1^1” | The error in the ERR-2 field of the ERR segment in the Example Message txt has been corrected to “RXR^2^1^1^1” |
| * Test Case: IZ-AD-10\_Historical\_IIS-SysError * Test Step: IZ-AD-10.2\_Receive\_ACK\_Z23   + ERR segment in the Message txt contains an error in ERR-2 field: “MSH^12^1^1” | The error in the ERR-2 field of the ERR segment in the Example Message txt has been corrected to “MSH^1^12^1^1” |
| The Complete Test Package document on the Documentation tab Test Case Documentation section   * Test Case: IZ-AD-8\_Admin\_IIS-Warning * Test Step: IZ-AD-8.2\_Receive\_ACK\_Z23   + ERR segment in the Message Contents contains an error in ERR-2 field: “RXR^2^1^1^1” | The error in the ERR-2 field of the ERR segment in the Message Contents has been corrected to “RXR^2^1^1^1” |
| * Test Case: IZ-AD-10\_Historical\_IIS-SysError * Test Step: IZ-AD-10.2\_Receive\_ACK\_Z23   + ERR segment in the Message Contents contains an error in ERR-2 field: “MSH^12^1^1” | The error in the ERR-2 field of the ERR segment in the Message Contents has been corrected to “MSH^1^12^1^1” |
| The Example Messages document on the Documentation tab Test Case Documentation section   * Test Case: IZ-AD-8\_Admin\_IIS-Warning * Test Step: IZ-AD-8.2\_Receive\_ACK\_Z23   + ERR segment in the Message contains an error in ERR-2 field: “RXR^2^1^1^1” | The error in the ERR-2 field of the ERR segment in the Example Message has been corrected to “RXR^2^1^1^1” |
| * Test Case: IZ-AD-10\_Historical\_IIS-SysError * Test Step: IZ-AD-10.2\_Receive\_ACK\_Z23   + ERR segment in the Message contains an error in ERR-2 field: “MSH^12^1^1” | The error in the ERR-2 field of the ERR segment in the Example Message has been corrected to “MSH^1^12^1^1” |
| The Message Content pdf on the Documentation tab Test Case Documentation section   * Test Case: IZ-AD-8\_Admin\_IIS-Warning * Test Step: IZ-AD-8.2\_Receive\_ACK\_Z23   + ERR segment in the Message Contents contains an error in ERR-2 field: “RXR^2^1^1^1” | The error in the ERR-2 field of the ERR segment in the Message Content pdf has been corrected to “RXR^2^1^1^1” |
| * Test Case: IZ-AD-10\_Historical\_IIS-SysError * Test Step: IZ-AD-10.2\_Receive\_ACK\_Z23   + ERR segment in the Message Contents contains an error in ERR-2 field: “MSH^12^1^1” | The error in the ERR-2 field of the ERR segment in the Message Content pdf has been corrected to “MSH^1^12^1^1” |
| The Message txt on the Documentation tab Test Case Documentation section   * Test Case: IZ-AD-8\_Admin\_IIS-Warning * Test Step: IZ-AD-8.2\_Receive\_ACK\_Z23   + ERR segment in the Message txt contains an error in ERR-2 field: “RXR^2^1^1^1” | The error in the ERR-2 field of the ERR segment in the Message txt has been corrected to “RXR^2^1^1^1” |
| * Test Case: IZ-AD-10\_Historical\_IIS-SysError * Test Step: IZ-AD-10.2\_Receive\_ACK\_Z23   + ERR segment in the Message txt contains an error in ERR-2 field: “MSH^12^1^1” | The error in the ERR-2 field of the ERR segment in the Message txt has been corrected to “MSH^1^12^1^1” |

**SOAP Functionality**

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

**Improvements/Features**

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| None |

**Issues for a Future Release**

| **Test Case/if Applicable** | **Issue** |
| --- | --- |
|  | None |