**MCCF EDI TAS US575**

System Design Document



Department of Veterans Affairs

**January 2018**

Version 1.01

**User Story Number:** USRX-8

**User Story Name:** Need most recent version of the NCPDP Telecommunication standard transaction

**Product Backlog ID:** 169

**Backlog Priority:** 31

**Initial Sizing Estimate:**

**Rational ID:** 828268

**Rally ID:** US575

**Epic Taxonomy:** eBiz Compliance

# Design – Summary

The National Council for Prescription Drug Programs (NCPDP) publishes updates to the External Code Lists (ECLs) on a quarterly basis. The annual ECL implementation schedule incorporates up to four (4) ECL publications each year. The new annual ECL implementations become effective each October. NCPDP may publish emergency ECL updates which are required to be implemented any date prior to the scheduled annual implementation date, but must be at least 180 days from the publication date.

In reviewing the latest *NCPDP Implementation Guide* (October 2017), it was determined that updates must be made to the VistA files corresponding to ECLs. This story concerns updates to the following files: BPS NCPDP REJECT CODES, BPS NCPDP CLARIFICATION CODES, BPS NCPDP RESULT OF SERVICE CODE, and BPS NCPDP OTHER PAYER AMT PAID QUAL.

List of Components:

* Routine: BPS23PRE
* File: 9002313.93 - BPS NCPDP REJECT CODES
* File: 9002313.22 - BPS NCPDP RESULT OF SERVICE CODE
* File: 9002313.25 - BPS NCPDP CLARIFICATION CODES
* File: 9002313.2 - BPS NCPDP OTHER PAYER AMT PAID QUAL

# Design – Detail

A BPS patch Pre-Installation routine BPS23PRE will need to be created. The pre-install routine will call tags that will update descriptions and add new ECL codes to the various VistA files. Each tag that is being called will be described in detail in separate sections following this table.

| Subroutine Name | **EN^BPS23PRE** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| n/a – new subroutine | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| BPS23PRE ;AITC/CKB - Pre-install routine for BPS\*1\*23 ;2/21/2017  ;;1.0;E CLAIMS MGMT ENGINE;\*\*23\*\*;JUN 2004;  ;;Per VA Directive 6402, this routine should not be modified.  ;  ; MCCF EDI TAS ePharmacy Iteration 1 - BPS\*1\*23 patch pre-install  Q  ; EN ; Entry Point for pre-install  D MES^XPDUTL(" Starting pre-install for BPS\*1\*23")  ;  ; Update Reject codes explanations in file #9002313.93  D REJECTS  ;  ; Update Result of Service Codes explanations in file #9002313.22  D SVCCODE  ;  ; Update Clarification (file #9002313.25) and Other Payer Amount Paid Qualifier  ; codes (file #9002313.2) with new descriptions  D UPDCCQC  ;  EX ; Exit point  D MES^XPDUTL(" Finished pre-install of BPS\*1\*23")  Q | | | | |

On each of the following files, both field# .01, CODE, and field# .02, DESCRIPTION or EXPLANATION, serve as identifiers, therefore making changes to the descriptions or explanations of entries in these files cannot be accomplished through the normal KIDS installation by itself – a pre-install routine must be used. This is done so that duplicate entries will not be created by KIDS when the data in each file is loaded into a destination system.

* 9002313.93, BPS NCPDP REJECT CODES
* 9002313.22, BPS NCPDP RESULT OF SERVICE CODE
* 9002313.25, BPS NCPDP CLARIFICATION CODES
* 9002313.2, BPS NCPDP OTHER PAYER AMT PAID QUAL

The following reject codes descriptions need to be updated:

01 - M/I IIN Number

Current VistA Name: M/I Bin Number

Updated VistA Name: M/I IIN Number

299 – Reported Adjudicated Program Type Is Not Used For This Transaction Code

Current VistA Name: Reported Payment Type is not used or this Transaction Code

Updated VistA Name: Reported Adjudicated Program Type Is Not Used For This Transaction Code

708 - PDMP: M/I Reported Adjudicated Program Type

Current VistA Name: PDMP: M/I Payment Code

Updated VistA Name: PDMP: M/I Reported Adjudicated Program Type

820 - Info Reporting Trans mtchd to Rev/Rej Clm not Submitted Part D IIN PCN

Current VistA Name: Info Reporting Trans mtchd to Rev/Rej Clm not Submitted

Part D BIN PCN

Updated VistA Name: Info Reporting Trans Mtchd to Rev/Rej Clm not Submitted

Part D IIN PCN

821 - Info Reporting Trans mtchd to Pd Clm Not Submitted Part D IIN PCN

Current VistA Name: Info Reporting Trans Mtchd to Pd Clm Not Submitted Part D BIN PCN

Updated VistA Name: Info Reporting Trans Mtchd to Pd Clm Not Submitted Part D IIN PCN

A1 - ID Submitted is Associated With An Excluded Prescriber

Current VistA Name: ID Submitted is associated with a Sanctioned Prescriber

Updated VistA Name: ID Submitted Is Associated With An Excluded Prescriber

ZS – M/I Reported Adjudicated Program Type

Current VistA Name: M/I Reported Payment Type

Updated VistA Name: M/I Reported Adjudicated Program Type

| Subroutine Name | **REJECTS^BPS23PRE** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| n/a – new subroutine | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| REJECTS ; Update Reject Codes with new explanations  N LINE,DATA,NUM,NAME,DA,DIE,DR,CNT  D MES^XPDUTL(" - Updating BPS NCPDP REJECT CODES")  S CNT=0  F LINE=1:1 S DATA=$P($T(URJCT+LINE),";;",2,99) Q:DATA=""  D  . S DIE=9002313.93,NUM=$P(DATA,";",1)  . S DA=$O(^BPSF(DIE,"B",NUM,""))  . I 'DA D MES^XPDUTL(" - No IEN found for entry "\_NUM) Q  . S NAME=$P(DATA,";",2),DR=".02////^S X=NAME",CNT=CNT+1  . D ^DIE  D MES^XPDUTL(" - "\_CNT\_" entries updated")  D MES^XPDUTL(" - Done with BPS NCPDP REJECT CODES")  D MES^XPDUTL(" ")  Q  ; URJCT ; Updated reject explanations  ;;01;M/I IIN Number  ;;299;Reported Adjudicated Program Type Is Not Used For This Transaction Code  ;;708;PDMP: M/I Reported Adjudicated Program Type  ;;820;Info Reporting Trans Mtchd to Rev/Rej Clm not Submitted Part D IIN PCN  ;;821;Info Reporting Trans Mtchd to Pd Clm Not Submitted Part D IIN PCN  ;;A1;ID Submitted Is Associated With An Excluded Prescriber  ;;ZS;M/I Reported Adjudicated Program Type  ;; | | | | |

The following result of service codes need to be updated, replacing FILL with DISPENSED in the description as shown below:

* 1A - DISPENSED AS IS, FALSE POSITIVE
* 1B - DISPENSED PRESCRIPTION AS IS
* 1C- DISPENSED, WITH DIFFERENT DOSE
* 1D- DISPENSED, WITH DIFFERENT DIRECTIONS
* 1E- DISPENSED, WITH DIFFERENT DRUG
* 1F- DISPENSED, WITH DIFFERENT QUANTITY
* 1G- DISPENSED, WITH PRESCRIBER APPROVAL
* 1K- DISPENSED WITH DIFFERENT DOSAGE FORM
* 2A - PRESCRIPTION NOT DISPENSED
* 2B – NOT DISPENSED, DIRECTIONS CLARIFIED

| Subroutine Name | **SVCCODE^BPS23PRE** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| n/a – new subroutine | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| SVCCODE ; Update Result of Service Codes with new explanations  N LINE,CODE,NUM,DESC,DA,DIE,DR,CNT  D MES^XPDUTL(" - Updating BPS NCPDP RESULT OF SERVICE CODES")  S CNT=0  F LINE=1:1 S CODE=$P($T(UPDSVC+LINE),";;",2,99) Q:CODE=""  D  . S DIE=9002313.22,NUM=$P(CODE,";",1)  . S DA=$O(^BPS(DIE,"B",NUM,""))  . I 'DA D MES^XPDUTL(" - No IEN found for entry "\_NUM) Q  . S DESC=$P(CODE,";",2),DR="1////^S X=DESC",CNT=CNT+1  . D ^DIE  D MES^XPDUTL(" - "\_CNT\_" entries updated")  D MES^XPDUTL(" - Done with BPS NCPDP RESULT OF SERVICE CODES")  D MES^XPDUTL(" ")  Q  ; UPDSVC ; Updated Result of Service Code explanations  ;;1A;DISPENSED AS IS, FALSE POSITIVE  ;;1B;DISPENSED PRESCRIPTION AS IS  ;;1C;DISPENSED, WITH DIFFERENT DOSE  ;;1D;DISPENSED, WITH DIFFERENT DIRECTIONS  ;;1E;DISPENSED, WITH DIFFERENT DRUG  ;;1F;DISPENSED, WITH DIFFERENT QUANTITY  ;;1G;DISPENSED, WITH PRESCRIBER APPROVAL  ;;1K;DISPENSED WITH DIFFERENT DOSAGE FORM  ;;2A;PRESCRIPTION NOT DISPENSED  ;;2B;NOT DISPENSED, DIRECTIONS CLARIFIED  ;; | | | | |

The following existing submission clarification codes need to be updated, replacing FILL with DISPENSED in the description as shown below:

* 47 - SHORTENED DAYS SUPPLY DISPENSED
* 48- DISPENSED SUBSEQUENT TO A SHORTENED DAYS SUPPLY DISPENSING

There is an existing other payer amount paid qualifier codes whose description needs to be updated:

10 - PERCENTAGE TAX

Current VistA Name: SALES TAX

Updated VistA Name: PERCENTAGE TAX

| Subroutine Name | **UPDCCQC^BPS23PRE** | | | |
| --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | Delete | No Change |
| Current Logic | | | | |
| n/a – new subroutine | | | | |
| Modified Logic (Changes are highlighted) | | | | |
| UPDCCQC ;  ;Update Clarification codes with new descriptions  N LINE,CODE,NUM,DESC,DA,DIE,DR,CNT  D MES^XPDUTL(" - Updating BPS NCPDP CLARIFICATION CODES")  S CNT=0  F LINE=1:1 S CODE=$P($T(UCC+LINE),";;",2,99) Q:CODE=""  D  . S DIE=9002313.25,NUM=$P(CODE,";",1)  . S DA=$O(^BPS(DIE,"B",NUM,""))  . I 'DA D MES^XPDUTL(" - No IEN found for entry "\_NUM) Q  . S DESC=$P(CODE,";",2),DR=".02////^S X=DESC",CNT=CNT+1  . D ^DIE  D MES^XPDUTL(" - "\_CNT\_" entries updated")  D MES^XPDUTL(" - Done with BPS NCPDP CLARIFICATION CODES")  D MES^XPDUTL(" ")  ;  ;Update Other Payer Amount Paid Qualifier codes with new description   N LINE,CODE,NUM,DESC,DA,DIE,DR,CNT  D MES^XPDUTL(" - Updating BPS NCPDP OTHER PAYER AMT PAID QUAL FILE")  S CNT=0  F LINE=1:1 S CODE=$P($T(UQC+LINE),";;",2,99) Q:CODE=""  D  . S DIE=9002313.2,NUM=$P(CODE,";",1)  . S DA=$O(^BPS(DIE,"B",NUM,""))  . I 'DA D MES^XPDUTL(" - No IEN found for entry "\_NUM) Q  . S DESC=$P(CODE,";",2),DR=".02////^S X=DESC",CNT=CNT+1  . D ^DIE  D MES^XPDUTL(" - "\_CNT\_" entries updated")  D MES^XPDUTL(" - Done with BPS NCPDP OTHER PAYER AMT PAID QUAL FILE")  D MES^XPDUTL(" ")  Q  ; UCC ; Updated Clarification Code explanations  ;;47;SHORTENED DAYS SUPPLY DISPENSED  ;;48;DISPENSED SUBSEQUENT TO A SHORTENED DAYS SUPPLY DISPENSING  ;;  ; UQC ; Updated Other Payer Amount Paid Qualifier explanations  ;;10;PERCENTAGE TAX  ;;  ; | | | | |

There are several new Reject Codes that will be added to file 9002313.93 as described in the table below.

|  |  |
| --- | --- |
| **Field Attributes / Values**  **#.01 - CODE** | **Field Attributes / Values**  **#.02 - EXPLANATION** |
| 841 | Record is Locked |
| 842 | Record is Not Locked |
| 843 | M/I Transmission ID |
| 844 | M/I Other Payer Adjudicated Program Type |
| 845 | Other Payer Reconciliation ID Is Not Used For This Transaction Code |
| 846 | Benefit Stage Indicator Count Is Not Used For This Transaction Code |
| 847 | Benefit Stage Indicator Count Does Not Precede Benefit Stage Indicator |
| 848 | M/I Benefit Stage Indicator Count |
| 849 | Benefit Stage Indicator Count Does Not Match Number of Repetitions |
| 850 | Benefit Stage Indicator Is Not Used For This Transaction Code |
| 851 | Benefit Stage Indicator Value Not Supported |
| 852 | M/I Benefit Stage Indicator |
| 853 | N Payer IIN Is Not Used For This Transaction Code |
| 854 | M/I N Payer IIN |
| 855 | Non-Matched N Payer IIN |
| 856 | N Payer Processor Control Number Is Not Used For This Transaction Code |
| 857 | M/I N Payer Processor Control Number |
| 858 | Non-Matched N Payer Processor Control Number |
| 859 | N Payer Group ID Is Not Used For This Transaction Code |
| 860 | M/I N Payer Group ID |
| 861 | Non-Matched N Payer Group ID |
| 862 | N Payer Cardholder ID Is Not Used For This Transaction Code |
| 863 | M/I N Payer Cardholder ID |
| 864 | N Payer Cardholder ID Is Not Covered |
| 865 | N Payer Adjudicated Program Type Is Not Used For This Transaction Code |
| 866 | M/I N Payer Adjudicated Program Type |
| 867 | N Payer Adjudicated Program Type Value Not Supported |
| 868 | M/I N Transaction Reconciliation ID |
| 869 | M/I N Transaction Source Type |
| 870 | M/I Prescriber DEA Number |
| 871 | M/I Compound Level Of Complexity |
| 872 | Mismatch of Compound Level Complexity And Prep Environment Type |
| 873 | M/I Preparation Environment Type |
| 874 | M/I Preparation Environment Event Code |
| 875 | M/I Total Prescribed Quantity Remaining |
| 876 | Prescriptive Authority Restrictions Apply, Criteria Not Met |
| 877 | Service Provider ID Terminated On NPPES File |
| 878 | Service Provider ID Not Found On NPPES File |
| 879 | Service Provider ID Excluded From Receiving CMS Enrollment Data |
| 880 | M/I Submission Type Code |
| 881 | Missing Submission Type Code Count |
| 882 | M/I Do Not Dispense Before Date |
| 883 | Date of Service Prior To Do Not Dispense Before Date |
| 884 | M/I Multiple RX Order Group Reason Code |
| 885 | M/I Multiple RX Order Group ID |
| 886 | M/I Prescriber Place of Service |
| 887 | Prev Payer is Excluded Fed Health Care Progm Copay Assist Not Allowed |
| 888 | Beneficiary Is Enrolled In Excluded Federal Health Care Program |
| 889 | Prescriber Not Enrolled in State Medicaid Program |
| 890 | Pharmacy Not Enrolled in State Medicaid Program |
| 891 | Days Supply Is Less Than Plan Minimum |
| 892 | Pharmacy Must Attest FDA REMS Requirements Have Been Met |
| 893 | Pharmacy Must Attest Required Patient Form Is On File |
| 894 | Pharmacy Must Attest Plan Medical Necessity Criteria Has Been Met |
| 895 | Allowed Number of Overrides Exhausted |
| 896 | Other Adjudicated Program Type Of Unknown Is Not Covered |

There are two new Submission Clarification codes, they will be added to file 9002313.25 as described in the tables below.

|  |  |
| --- | --- |
| **Field Attributes** | **Values** |
| **#.01 – CODE** | 55 |
| **#.02 - DESCRIPTION** | PRESCRIBER ENROLLMENT IN STATE MEDICAID PROGRAM HAS BEEN VALIDATED |

|  |  |
| --- | --- |
| **Field Attributes** | **Values** |
| **#.01 – CODE** | 56 |
| **#.02 - DESCRIPTION** | PHARMACY ENROLLMENT IN STATE MEDICAID PROGRAM HAS BEEN VALIDATED |

There is one new Other Payer Amt Paid Qualifier code, it will be added to file 9002313.2 as described in the table below.

|  |  |
| --- | --- |
| **Field Attributes** | **Values** |
| **#.01 – CODE** | 12 |
| **#.02 - DESCRIPTION** | REGULATORY FEE |
| **#1 – NCPDP VERSION** | D.0 |

The new reject codes, clarification codes and other payer amt paid qualifier will be added to their respective files in the development environment and included in the KIDS build, which will automatically load the new fields into the destination system when the patch is loaded.

The tables below describe how the files BPS NCPDP REJECT CODES, BPS NCPDP CLARIFICATION CODES, BPS NCPDP RESULT OF SERVICE CODE and BPS NCPDP OTHER PAYER AMT PAID QUAL are to be included in the KIDS Build.

|  |  |
| --- | --- |
| File Name | **BPS NCPDP REJECT CODES** |
| Send Full or Partial DD | FULL |
| Update the Data Dictionary | YES |
| Send Security Codes | NO |
| Screen to Determine DD Update | n/a |
| Data Comes with File | YES |
| Site’s Data | OVERWRITE |
| Resolve Pointers | NO |
| May User Override Data Update | NO |
| Data List | n/a |
| Screen to Select Data | n/a |

|  |  |
| --- | --- |
| File Name | **BPS NCPDP CLARIFICATION CODES** |
| Send Full or Partial DD | FULL |
| Update the Data Dictionary | YES |
| Send Security Codes | NO |
| Screen to Determine DD Update | n/a |
| Data Comes with File | YES |
| Site’s Data | OVERWRITE |
| Resolve Pointers | NO |
| May User Override Data Update | NO |
| Data List | n/a |
| Screen to Select Data | n/a |

|  |  |
| --- | --- |
| File Name | **BPS NCPDP RESULT OF SERVICE CODE** |
| Send Full or Partial DD | FULL |
| Update the Data Dictionary | YES |
| Send Security Codes | NO |
| Screen to Determine DD Update | n/a |
| Data Comes with File | YES |
| Site’s Data | OVERWRITE |
| Resolve Pointers | NO |
| May User Override Data Update | NO |
| Data List | n/a |
| Screen to Select Data | n/a |

|  |  |
| --- | --- |
| File Name | **BPS NCPDP OTHER PAYER**  **AMT PAID QUAL** |
| Send Full or Partial DD | FULL |
| Update the Data Dictionary | YES |
| Send Security Codes | NO |
| Screen to Determine DD Update | n/a |
| Data Comes with File | YES |
| Site’s Data | OVERWRITE |
| Resolve Pointers | NO |
| May User Override Data Update | NO |
| Data List | n/a |
| Screen to Select Data | n/a |