**MCCF EDI TAS US580b**

System Design Document



Department of Veterans Affairs

**October 2017**

Version 1.00

**User Story Number:** USRX-25

**User Story Name:** New Status for Parked Prescriptions

**Product Backlog ID:** 189

**Priority:** 3.1

**Initial Sizing Estimate:**

**Rational ID:** 828288

**Rally ID:** US580

# Design – Summary

Changes to be implemented by the Park a Prescription project (PSO\*7.0\*441) will modify the existing field MAIL/WINDOW on the Prescription file. The name of this field will be changed to MAIL/WINDOW/PARKED, and the possible values in this field (currently “M” or “W”) will be changed to allow a value of “P”.

ePharmacy screens and reports will need to be modified to accommodate this field sometimes having a value of “P”.

UPDATE: The original design for US580 has been updated to remove any dependency on the Park-a-Prescription enhancements. Any reference to a value of “P” has been removed.

List of Components:

* ~~Routine: BPSSCRCV~~
* ~~Routine: BPSSCRSL~~
* ~~Routine: BPSSCR03~~
* ~~Routine: BPSSCRU2~~
* ~~Routine: BPSRPT0~~
* ~~Routine: BPSRPT1~~
* ~~Routine: BPSRPT3~~
* ~~Routine: BPSRPT6~~
* ~~Routine: BPSRPT7~~
* ~~Routine: IBNCPEV3~~
* Routine: PSOBPSU2

# Design – Detail

On the ECME User Screen, the Action CV Change View allows the user to vary the filters used to build the list of prescriptions on the screen. The subroutine EDITPROF^BPSSCRCV handles the prompting of the user for all the CV filters, including the question pertaining to CMOP/Mail/Window/All. ~~That question will be changed to allow the user to answer P for Parked prescriptions.~~

UPDATE: EDITPROF^BPSSCRCV will not be included in US580b.

Comments in BPSSCRSL, ISMWC^BPSSCR03, GETMWC^BPSSCRU2, and MWC^BPSSCRU2 will be updated to reflect the new value of Parked in user parameter 1.08.

UPDATED: None of those routines and subroutines will be included in US580b.

The subroutine MWC^PSOBPSU2 determines whether a given Prescription/Fill is Mail, Window, or CMOP. This subroutine will be modified to account for a possible value of ‘P’ in the field MAIL/WINDOW/PARKED.

| Subroutine Name | **MWC^PSOBPSU2** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | | Delete | | No Change | |
| Story | US580 | | | | | | | |
| Related Menu Options or ListMan Actions | BPS Menu RPT Claim Status Reports | | | | | | | |
| Related Routines | This Subroutine is Called By | | | This Subroutine Calls | | | | |
| MWC^BPSRPT6, MWC^BPSSCRU2, RXINFO^PSOBORP3, GPPDU^PSONDCUT, LOGRTS^PSORTSUT | | | $$LSTRFL^PSOBPSU1, $$GET1^DIQ | | | | |
| Related Integration Control Registrations (ICRs) | n/a | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: RX  Definition: Prescription IEN  New  Modify  Delete  No Change  Name: RFL  Definition: Refill (0 if original)  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: $$MWC  Definition: Currently returns “M”, “W”, or “C”. With this enhancement, it will return “P” if the prescription is parked.  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| PSOBPSU2 ;BIRM/MFR - BPS (ECME) Utilities 2 ;10/15/04  ;;7.0;OUTPATIENT PHARMACY;\*\*260,287,289,341,290,358,359,385,421,459\*\*;DEC 1997;Build 1  ;Reference to File 200 - NEW PERSON supported by IA 10060  ;Reference to DUR1^BPSNCPD3 supported by IA 4560  ;Reference to $$NCPDPQTY^PSSBPSUT supported by IA 4992  ;Reference to $$CLAIM^BPSBUTL supported by IA 4719  ;  MWC(RX,RFL) ; Returns whether a prescription is (M)ail, (W)indow or (C)MOP  ;Input: (r) RX - Rx IEN (#52)  ; (o) RFL - Refill # (Default: most recent)  ;Output: "M": MAIL / "W": WINDOW / "C": CMOP  ;  N MWC  ;  I '$D(RFL) S RFL=$$LSTRFL^PSOBPSU1(RX)  ;  ; - MAIL/WINDOW fields (Original and Refill)  I RFL S MWC=$$GET1^DIQ(52.1,RFL\_","\_RX,2,"I")  E S MWC=$$GET1^DIQ(52,RX,11,"I")  S:MWC="" MWC="W"  ;  ; - Checking the RX SUSPENSE file (#52.5)  I $$GET1^DIQ(52,RX,100,"I")=5 D  . N RXS S RXS=+$O(^PS(52.5,"B",RX,0)) Q:'RXS  . I $$GET1^DIQ(52.5,RXS,3,"I")'="" S MWC="C" Q  . S MWC="M"  ;  ; - Checking the CMOP EVENT sub-file (#52.01)  I MWC'="C" D  . N CMP S CMP=0  . F S CMP=$O(^PSRX(RX,4,CMP)) Q:'CMP D I MWC="C" Q  . . I $$GET1^DIQ(52.01,CMP\_","\_RX,2,"I")=RFL S MWC="C"  ;  Q MWC | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| PSOBPSU2 ;BIRM/MFR - BPS (ECME) Utilities 2 ;10/15/04  ;;7.0;OUTPATIENT PHARMACY;\*\*260,287,289,341,290,358,359,385,421,459,482\*\*;DEC 1997;Build 1  ;Reference to File 200 - NEW PERSON supported by IA 10060  ;Reference to DUR1^BPSNCPD3 supported by IA 4560  ;Reference to $$NCPDPQTY^PSSBPSUT supported by IA 4992  ;Reference to $$CLAIM^BPSBUTL supported by IA 4719  ;  MWC(RX,RFL) ; Returns whether a prescription is (M)ail, (W)indow or (C)MOP  ;Input: (r) RX - Rx IEN (#52)  ; (o) RFL - Refill # (Default: most recent)  ;Output: "M": MAIL / "W": WINDOW / "C": CMOP  ;  N MWC  ;  I '$D(RFL) S RFL=$$LSTRFL^PSOBPSU1(RX)  ;  ; If RFL is not zero, then pull the value from MAIL/WINDOW on the  ; REFILL multiple. Otherwise, pull the value from MAIL/WINDOW  ; at the Prescription level.  I RFL S MWC=$$GET1^DIQ(52.1,RFL\_","\_RX,2,"I")  E S MWC=$$GET1^DIQ(52,RX,11,"I")  S:MWC="" MWC="W"  I MWC’="M",MWC’="W" Q MWC ; If neither Mail nor Window, Quit now and skip other checks.  ;  ; - Checking the RX SUSPENSE file (#52.5)  ; File# 52, field# 100 is STATUS; 5=Suspended  I $$GET1^DIQ(52,RX,100,"I")=5 D  . N RXS S RXS=+$O(^PS(52.5,"B",RX,0)) Q:'RXS  . ; File# 52.5, RX SUSPENSE; field# 3, CMOP INDICATOR  . ; If the CMOP INDICATOR is not blank, then this is CMOP...  . I $$GET1^DIQ(52.5,RXS,3,"I")'="" S MWC="C" Q  . ; ...otherwise, this is a Mail fill.  . S MWC="M"  ;  ; - Checking the CMOP EVENT sub-file (#52.01)  I MWC'="C" D  . N CMP S CMP=0  . F S CMP=$O(^PSRX(RX,4,CMP)) Q:'CMP D I MWC="C" Q  . . I $$GET1^DIQ(52.01,CMP\_","\_RX,2,"I")=RFL S MWC="C"  ;  Q MWC | | | | | | | | |

The subroutine SELMWC^BPSRPT3 currently prompts the user to select CMOP, Mail, Window, or All. It will be modified to allow a response of Parked.

UPDATED: SELMWC^BPSRPT3 will not be included in US580b.

The header of each report is printed by the subroutine HDR^BPSRPT7.

UPDATE: HDR^BPSRPT7 will not be included in US580b.

Comments in EN^BPSRPT0, COLLECT^BPSRPT1, PROCESS^BPSRPT1, MWC^BPSRPT6, and COLLECT^IBNCPEV3 will be updated to reflect the new value of Parked.

UPDATED: None of those subroutines will be included in US580b.

# Back Out/Rollback Procedure

This story does not include adding or changing data fields in any VistA files, so no rollback of data would be necessary if this enhancement needed to be backed out.

To back out this enhancement, the routine~~s BPSSCRCV, BPSSCRSL, BPSSCR03, BPSSCRU2, BPSRPT0, BPSRPT1, BPSRPT3, BPSRPT6, BPSRPT7, IBNCPEV3, and~~ PSOBPSU2 should be backed up prior to installing this patch. Reverting to the previous version of ~~these~~ this routine~~s~~ would back out this enhancement. Alternatively, the previous version of ~~these~~ this routine~~s~~ could be distributed via an emergency patch.