**MCCF EDI TAS US1668**

System Design Document



Department of Veterans Affairs

**September 2017**

Version 1.0

**User Story Number:** USRX-198

**User Story Name:** Lookup into Dispense Drug File

**Product Backlog ID:** 198

**Backlog Priority:** 30

**Initial Sizing Estimate:**

**Rational ID:**

**Rally ID:** US1668

**Epic Taxonomy:** Update

# Design – Summary

The NCPDP QUANTITY MULTIPLIER field can be set to five decimal places, but when the NCPDP QUANTITY MULTIPLIER field is displayed in the Lookup into Dispense Drug File [PSS LOOK] option it is rounded to three decimal places.

List of Components:

* Routine: PSSLOOK

# Design – Detail

The Dispense Drug File [PSS LOOK] currently rounds the NCPDP QUANTITY MULTIPLIER field to three decimal places. The subroutine FORMAT^PSSLOOK will need to be modified to display the NCPDP QUANTITY MULTIPLIER with five decimal places as it is stored in the database.

| Subroutine Name | **FORMAT^PSSLOOK** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Enhancement Category | New | Modify | | Delete | | | No Change | |
| Story | US1668 | | | | | | | |
| Related Menu Options or ListMan Actions | Dispense Drug File [PSS LOOK] | | | | | | | |
| Related Routines | This Subroutine is Called By | | | | This Subroutine Calls | | | |
| Dispense Drug File  PICK^PSSLOOK | | | | OITXT, FULL, SYN, UNCALC,  LPDNW, LDT  $$GET1^DIQ,  $$DAWEXT^PSSDAWUT,  ^DIWP,  ^PSSWRNE,  $$PROD2^PSNAPIS,  $$FORMI^PSNAPIS,  FD^PSNACT,  NOW^%DTC,  $$CPTIER^PSNAPIS,  $$FORMRX^PSNAPIS,  FDT^PSNACT | | | |
| Related Integration Control Registrations (ICRs) | N/A | | | | | | | |
| Data Passing | Parameter Input | | Parameter Output | | | Function Return Value | | Global Modified |
| Input Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Output Attribute Name and Definition | Name: n/a  Definition:  New  Modify  Delete  No Change | | | | | | | |
| Current Logic | | | | | | | | |
| PSSLOOK ;BIR/WRT-Drug file lookup ;02/03/00  ;;1.0;PHARMACY DATA MANAGEMENT;\*\*3,7,15,16,20,24,29,38,68,61,87,90,127,147,170,189,192,200,195\*\*;9/30/97;Build 25  ;  . . .  FORMAT ; BEGIN WRITING  N DAW  W @IOF,"DRUG NAME: ",GN," (IEN: ",IFN,")",!  F XX=1:1:77 W "="  W !  W:$D(VAPRN) "VA PRINT NAME: ",?17,VAPRN W:$D(CMOPID) ?60,"CMOP ID#: ",CMOPID W:$D(VAPN) !,"VA PRODUCT NAME: ",?17,VAPN W:$D(CMOP) ?60,"CMOP DISPENSE: ",CMOP  W:$D(OINM) !,"ORDERABLE ITEM: ",?17,OINM W:$D(VAPN) ?60,"NDF DF: ",VADF  I $D(OIPTR),OIPTR]"" W !,"ORDERABLE ITEM TEXT: ",! D OITXT  W:$D(PD) !,"PRIMARY DRUG: ",?17,PD  W !,"SYNONYM(S): " D SYN D FULL Q:$G(QUIT) W !,"MESSAGE: ",MESS,!  D FULL Q:$G(QUIT) F XX=1:1:77 W "-"  W !  D FULL Q:$G(QUIT) W "DEA, SPECIAL HDLG: ",DEA,?48,"NDC: ",?63,NDC  S DAW=+$$GET1^DIQ(50,IFN,81)  D FULL Q:$G(QUIT) W !,"DAW CODE: ",DAW," - ",$$DAWEXT^PSSDAWUT(DAW)  D FULL Q:$G(QUIT) W !,"CS FEDERAL SCHEDULE: ",$G(CSF)  ;  ;Hazardous Waste  W !  S PSSHTDX=0  I $G(PSSHTD)=1 S PSSHTDX=1  D FULL Q:$G(QUIT) W:$G(PSSHTH)'="" !,"Hazardous to Handle: ",$S(PSSHTH=1:"YES",PSSHTH=0:"NO",1:"")  D FULL Q:$G(QUIT) W:$G(PSSHTD)'="" !,"Hazardous to Dispose: ",$S(PSSHTD=1:"YES",PSSHTD=0:"NO",1:"")  I $G(PSSPEPAC)'=""&(PSSHTDX) D FULL Q:$G(QUIT) W !," Primary EPA Code: ",PSSPEPAC  I $G(PSSWSC)'=""&(PSSHTDX) D FULL Q:$G(QUIT) W !," Waste Sort Code: ",PSSWSC  ;  N HAZWCNT,HAZWCNT2,X,DIWL,DIWR,DIWF  K ^UTILITY($J,"W")  S HAZWCNT=0,HAZWCNT2=1,HAZWCNT=0,DIWL=1,DIWR=50  F S HAZWCNT=$O(PSSDOTSN(HAZWCNT)) Q:HAZWCNT="" S X=PSSDOTSN(HAZWCNT) D ^DIWP  S HAZWCNT=0 F S HAZWCNT=$O(^UTILITY($J,"W",DIWL,HAZWCNT)) Q:'HAZWCNT D  .D FULL Q:$G(QUIT)  .I HAZWCNT2=1 W !," DOT Shipping Name: "  .I HAZWCNT2>1 W !," "  .W $G(^UTILITY($J,"W",DIWL,HAZWCNT,0)) S HAZWCNT2=2  K ^UTILITY($J,"W")  ;I $G(PSSDOTSN)'=""&(PSSHTDX) D FULL Q:$G(QUIT) W !," DOT Shipping Name: ",PSSDOTSN  W !  ;  D FULL Q:$G(QUIT) W !,"INACTIVE DATE: ",ACT  D FULL Q:$G(QUIT) W:$D(QDM) !,"QUANTITY DISPENSE MESSAGE: ",QDM,!  D FULL Q:$G(QUIT) I WRN]"" W !,"WARNING LABEL: " S X=WRN F Z0=1:1 Q:$P(X,",",Z0,99)="" S Z1=$P(X,",",Z0) W:$D(^PS(54,Z1,0)) ?19,$P(^(0),"^",1),! I '$D(^(0)) W ?19,"NO SUCH WARNING LABEL" K X Q  D FULL Q:$G(QUIT) S PSSLOOK=1 D  .N DRUG  .I $P($G(^PSDRUG(IFN,0)),"^")="" K PSSLOOK Q  .S PSSWSITE=+$O(^PS(59.7,0)) W !,"WARNING LABEL SOURCE is " D  ..I $P($G(^PS(59.7,PSSWSITE,10)),"^",9)="N" W "set to 'NEW'" Q  ..W "not set to 'NEW'"  .K PSSWRN  .D FULL Q:$G(QUIT) W !,"NEW WARNING LABEL:"  .S ^TMP("PSSWRNB",$J,$P(^PSDRUG(IFN,0),"^"))="" D ^PSSWRNE  .K PSSLOOK,^TMP("PSSWRNB",$J),PSSWRN  D FULL Q:$G(QUIT) W:'$D(QDM) ! F XX=1:1:77 W "-"  D FULL Q:$G(QUIT) W !  W "ORDER UNIT: ",?27 W:$D(OU) OU W ?40,"PRICE/ORDER UNIT: ",?67,PPOU  D FULL Q:$G(QUIT) W !,"DISPENSE UNIT: ",?27,DU W:$D(VADU) ?40,"VA DISPENSE UNIT: ",?67,VADU  D FULL Q:$G(QUIT) W !,"DISPENSE UNITS/ORDER UNIT: ",?21,DUPOU,?40,"PRICE/DISPENSE UNIT: ",?67,PPDU  D FULL Q:$G(QUIT) W !,"NCPDP DISPENSE UNIT: ",$$GET1^DIQ(50,IFN,82),?40,"NCPDP QUANTITY MULTIPLIER: ",?67,$J($$GET1^DIQ(50,IFN,83),8,3)  D FULL Q:$G(QUIT) W !,"MAXIMUM DAYS SUPPLY: ",$$GET1^DIQ(50,IFN,66)  . . . | | | | | | | | |
| Modified Logic (Changes are highlighted) | | | | | | | | |
| PSSLOOK ;BIR/WRT-Drug file lookup ;02/03/00  ;;1.0;PHARMACY DATA MANAGEMENT;\*\*3,7,15,16,20,24,29,38,68,61,87,90,127,147,170,189,192,200,195,214\*\*;9/30/97;Build 25  ;  . . .  FORMAT ; BEGIN WRITING  N DAW  W @IOF,"DRUG NAME: ",GN," (IEN: ",IFN,")",!  F XX=1:1:77 W "="  W !  W:$D(VAPRN) "VA PRINT NAME: ",?17,VAPRN W:$D(CMOPID) ?60,"CMOP ID#: ",CMOPID W:$D(VAPN) !,"VA PRODUCT NAME: ",?17,VAPN W:$D(CMOP) ?60,"CMOP DISPENSE: ",CMOP  W:$D(OINM) !,"ORDERABLE ITEM: ",?17,OINM W:$D(VAPN) ?60,"NDF DF: ",VADF  I $D(OIPTR),OIPTR]"" W !,"ORDERABLE ITEM TEXT: ",! D OITXT  W:$D(PD) !,"PRIMARY DRUG: ",?17,PD  W !,"SYNONYM(S): " D SYN D FULL Q:$G(QUIT) W !,"MESSAGE: ",MESS,!  D FULL Q:$G(QUIT) F XX=1:1:77 W "-"  W !  D FULL Q:$G(QUIT) W "DEA, SPECIAL HDLG: ",DEA,?48,"NDC: ",?63,NDC  S DAW=+$$GET1^DIQ(50,IFN,81)  D FULL Q:$G(QUIT) W !,"DAW CODE: ",DAW," - ",$$DAWEXT^PSSDAWUT(DAW)  D FULL Q:$G(QUIT) W !,"CS FEDERAL SCHEDULE: ",$G(CSF)  ;  ;Hazardous Waste  W !  S PSSHTDX=0  I $G(PSSHTD)=1 S PSSHTDX=1  D FULL Q:$G(QUIT) W:$G(PSSHTH)'="" !,"Hazardous to Handle: ",$S(PSSHTH=1:"YES",PSSHTH=0:"NO",1:"")  D FULL Q:$G(QUIT) W:$G(PSSHTD)'="" !,"Hazardous to Dispose: ",$S(PSSHTD=1:"YES",PSSHTD=0:"NO",1:"")  I $G(PSSPEPAC)'=""&(PSSHTDX) D FULL Q:$G(QUIT) W !," Primary EPA Code: ",PSSPEPAC  I $G(PSSWSC)'=""&(PSSHTDX) D FULL Q:$G(QUIT) W !," Waste Sort Code: ",PSSWSC  ;  N HAZWCNT,HAZWCNT2,X,DIWL,DIWR,DIWF  K ^UTILITY($J,"W")  S HAZWCNT=0,HAZWCNT2=1,HAZWCNT=0,DIWL=1,DIWR=50  F S HAZWCNT=$O(PSSDOTSN(HAZWCNT)) Q:HAZWCNT="" S X=PSSDOTSN(HAZWCNT) D ^DIWP  S HAZWCNT=0 F S HAZWCNT=$O(^UTILITY($J,"W",DIWL,HAZWCNT)) Q:'HAZWCNT D  .D FULL Q:$G(QUIT)  .I HAZWCNT2=1 W !," DOT Shipping Name: "  .I HAZWCNT2>1 W !," "  .W $G(^UTILITY($J,"W",DIWL,HAZWCNT,0)) S HAZWCNT2=2  K ^UTILITY($J,"W")  ;I $G(PSSDOTSN)'=""&(PSSHTDX) D FULL Q:$G(QUIT) W !," DOT Shipping Name: ",PSSDOTSN  W !  ;  D FULL Q:$G(QUIT) W !,"INACTIVE DATE: ",ACT  D FULL Q:$G(QUIT) W:$D(QDM) !,"QUANTITY DISPENSE MESSAGE: ",QDM,!  D FULL Q:$G(QUIT) I WRN]"" W !,"WARNING LABEL: " S X=WRN F Z0=1:1 Q:$P(X,",",Z0,99)="" S Z1=$P(X,",",Z0) W:$D(^PS(54,Z1,0)) ?19,$P(^(0),"^",1),! I '$D(^(0)) W ?19,"NO SUCH WARNING LABEL" K X Q  D FULL Q:$G(QUIT) S PSSLOOK=1 D  .N DRUG  .I $P($G(^PSDRUG(IFN,0)),"^")="" K PSSLOOK Q  .S PSSWSITE=+$O(^PS(59.7,0)) W !,"WARNING LABEL SOURCE is " D  ..I $P($G(^PS(59.7,PSSWSITE,10)),"^",9)="N" W "set to 'NEW'" Q  ..W "not set to 'NEW'"  .K PSSWRN  .D FULL Q:$G(QUIT) W !,"NEW WARNING LABEL:"  .S ^TMP("PSSWRNB",$J,$P(^PSDRUG(IFN,0),"^"))="" D ^PSSWRNE  .K PSSLOOK,^TMP("PSSWRNB",$J),PSSWRN  D FULL Q:$G(QUIT) W:'$D(QDM) ! F XX=1:1:77 W "-"  D FULL Q:$G(QUIT) W !  W "ORDER UNIT: ",?27 W:$D(OU) OU W ?40,"PRICE/ORDER UNIT: ",?67,PPOU  D FULL Q:$G(QUIT) W !,"DISPENSE UNIT: ",?27,DU W:$D(VADU) ?40,"VA DISPENSE UNIT: ",?67,VADU  D FULL Q:$G(QUIT) W !,"DISPENSE UNITS/ORDER UNIT: ",?21,DUPOU,?40,"PRICE/DISPENSE UNIT: ",?67,PPDU  ; The NCPDP QUANTITY MULTIPLIER should display 5 decimal places.  D FULL Q:$G(QUIT) W !,"NCPDP DISPENSE UNIT: ",$$GET1^DIQ(50,IFN,82),?40,"NCPDP QUANTITY MULTIPLIER: ",?67,$J($$GET1^DIQ(50,IFN,83),10,5)  D FULL Q:$G(QUIT) W !,"MAXIMUM DAYS SUPPLY: ",$$GET1^DIQ(50,IFN,66)  . . . | | | | | | | | |

# Back Out/Rollback Procedure

This story includes modifications to existing routines.

To back out this enhancement, all the routines which are a part of this patch should be backed up prior to installation. Reverting to the previous version of these routines would back out this enhancement. Alternatively, the previous version of these routines could be distributed via an emergency patch.