RESOURCE AND PATIENT MANAGEMENT SYSTEM

Pharmacy Point of Sale

(ABSP)

Technical Manual

Version 1.0
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Information Technology Support Center
Division of Information Resources
Albuquerque, New Mexico

Preface

The Pharmacy Point of Sale module does electronic billing for outpatient pharmacy. It also interfaces to various Accounts Receivable packages.

This manual contains the technical documentation for the Pharmacy Point of Sale V1.0. Included here are a system description, routine descriptions, option descriptions, and other information necessary for use by IRM personnel to operate and maintain the POS software.

Please direct any comments or questions regarding this system to:

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Table Of Contents

1.0   Introduction

The Pharmacy Point of Sale Module manages electronic claims.

```
           **********************************************
           *         PHARMACY POINT OF SALE V1.0      *
           *             FULL CIRCLE SOFTWARE         *
           *                  Main Menu               *
           **********************************************

   U       Pharmacy POS User Menu ...
   MGR     Pharmacy POS Manager Menu ...
   BILL    RX Point of Sale Billing Menu ...
   RPT     Pharmacy electronic claims reports ...

Select Pharmacy Point of Sale Option:
```

Refer to the User Manual for examples of the submenus.

To view a menu diagram, do the following:

```
[PRD,SYS]>D ^XUP

Setting up programmer environment
Terminal Type set to: C-VT100

Select OPTION NAME: EVE          Systems Manager Menu

          Core Applications ...
          Device Management ...
   FM     VA FileMan ...
          Manage Mailman ...
          Menu Management ...

Select Systems Manager Menu Option: MENU Management

   EOP     Edit options
           Display Menus and Options ...
           Out-Of-Order Set Management ...
           Show Users With Selected Primary or Secondary Menu

Select Menu Management Option: DISplay Menus and Options

           Abbreviated Menu Diagrams
           Diagram Menus
           Inquire
           Menu Diagrams (with Entry/Exit Actions)

Select Display Menus and Options Option:
```

Any of these options will generate further menu documentation on request. The
Reports menu is particularly subject to change as time goes by, as new reports are
added.

2.0   Implementation and Maintenance

2.1   General Information

Everything in Point of Sale occupies ABSP namespace. Significant interaction occurs with the PS namespace (pharmacy). Some interaction occurs with various billing packages, including ABM, ABS, and BBM. Of course, patient data and insurance information is also accessed.

2.2   System Requirements

   a. Kernel V. 8.0 or higher

   b. FileMan V. 21 or higher

   c. IHS Patient Dictionaries (AUPN) V 99.1

   d. Pharmacy V. 6.0, including patch 03 or higher

   e. IHS Dictionary (Pointers) (AUT) V 98.10, including patch 08

   f. *Third Party Billing V. 2.4, including patch 05

   g. *Accounts Receivable V 1.5, including patch 01

   h. *Accounts Receivable V 1.3 patch 02 (must be installed following the installation of V 1.5)

* These starred requirements only apply to sites using the RPMS Third Party Billing or Accounts Receivable software. If the site is using a COTS Third Party Billing and/or Accounts Receivable package, disregard the respective RPMS requirement.

2.3   Disk Space Requirements

There are two ways to estimate the disk space required by the Point of Sale software, but first you have to determine the estimated number of transaction per year.

Let x=number of transactions per year. You can guess at this number or for a more exact figure, use one of the following methods.

- Use the RPT/SURV/VOL program to do this.

- Take the estimated number of transactions per week and multiply by 52.

- Take the estimated number of transactions per weekday and multiply by 250, then add in a weekend amount if the pharmacy does significant business on weekends.

- Use a Mumps program to figure it out:

    - S D=DT-10000 ; one year ago
    - S X=0
    - S D="" F S D=$O(^PSRX("AL",D)) Q:'D D
    - . S A="" F S A=$O(^PSRX("AL",D,A)) Q:A="" D
    - . . S B="" F S B=$O(^PSRX("AL",D,A,B)) Q:B="" S X=X+1
    - W X*1.05\1 ; how many transactions per year, estimated

With an estimated number of transactions, you can now use either of the following two methods to calculate the required disk space:

2.3.1   Quick Worst-Case Estimate

Multiply the number of transactions by 5 disk blocks. This is the most that POS could possibly require under normal operations.

2.3.2   A Better Estimate

	Disk blocks (1Kb each)
Let *a* = Each transaction, base storage used	1.02
Let *b*=Log file space used per transaction	1.92
Let *c*=Electronic claims-related data	2.01
Maximum total disk space needed per transaction	4.95

Let *y*=number of days to retain log files (the default is 100)

Let *z*=what fraction of the claims are to be sent electronically. RPT/SURV/INS can give help you decide on a value or just use 0.2 (20%) for the time being.

Let *k*=how many years of operation without winnowing any data other than the usual log files winnowing.

Then the approximate amount of disk space needed for ^ABSP* will be:

$$\left[\frac{y}{365} \left[z(a+b+c) + (1-z)(a+b) \right] + \frac{(365-y)}{365} \left[z(a+c) + (1-z)(a) \right] \right] \cdot x$$

2.4 Journaling

Globals ^ABSPECP, ^ABSPECX, and ^ABSPT do not have to journaled. All other ^ABSP* globals should be journaled.

2.4.1 Security Keys

```
SECURITY KEY LIST                 FEB  5,2001  05:58    PAGE 1
NAME                     DESCRIPTION
------------------------------------------------------------ABSPZ BILLER
Access to the Billing interface menu.
ABSPZ MANAGER           Access to the Manager menu, including
                        the Setup options.
ABSPZ REPORTS           Access to the Reports menu.
ABSPZ USER              Access to the User menu.
ABSPZMENU               All Point of Sale users should have
                        this key.
```

3.0   Routines

For a table of contents of routines by subnamespace, run DO TOC^ABSPOS, as
follows:

```
 ABSPECA*    - Build/Parse formatted claim/response packets
 ABSPECFM    - Formatting (signed numeric overpunch, RJZF, LJBF, etc.)
 ABSPECP*    - Receipts
 ABSPECR*    - Development - print NCPDP formats - 9002313.91, 9002313.92
 ABSPECX*    - Low-level 9002313.02 routines, descendant from ABSPOSQ2
 ABSPECZ*    - ILC A/R claims inquiry routines
             (to be decoupled from routine system; new ones in ABSPOSMA-Z)
 ABSPER*     - Obsolete Reports - to be phased out
 ABSPES*     - ILC A/R selection utilities
 ABSPMHDR    - Menu header
 ABSPOS0*    - Some fetch utilities for 9002313.02, 9002313.03
 ABSPOS1*    - none
 ABSPOS2#    - Insurance auto-selection
 ABSPOS2,2x - Manager's Stats & misc. options ScreenMan
 ABSPOS3*    - The survey routines - probes of RPMS insurance data, etc.
 ABSPOS4*    - none
ABSPOS57     - Fetch util for 9002313.57
 ABSPOS6*    - User's data entry ScreenMan
 ABSPOS7*    - none
 ABSPOS8*    - none
 ABSPOS9     - NDC number utilities
 ABSPOS9*    - none
 ABSPOSA*    - Modem handling, low-level communications routines
 ABSPOSB*    - ILC A/R interface - post charges to A/R
 ABSPOSC#    - Certification utilities (sporadic development use only)
 ABSPOSCx    - Building 9002313.02 claim (ABSPOSQ2->QG->CA->C*)
 ABSPOSD*    - none
 ABSPOSE*    - none
ABSPOSF*     - new NCPDP forms (in development for future release).
 ABSPOSG*    - none
 ABSPOSH*    - none
 ABSPOSI*    - Data Entry / ScreenMan interface
 ABSPOSJ*    - none
 ABSPOSK*    - Winnowing old data
 ABSPOSL*    - Log file utilities
ABSPOSM*     - Report Master file 9002313.61/Inquire/Report 9002313.57
      (Note:  ABSPOSMA – ABSPOSMZ are in development for future)
 ABSPOSN*    - ILC A/R Billing Interface - NCPDP Paper forms print
 ABSPOSO*    - Data Entry - Override NCPDP Data Dictionary values
 ABSPOSP*    - ILC A/R Billing Interface - EOB to Payment batches
 ABSPOSQ*    - Claim processing through the queues
 ABSPOSR*    - Callable entry points from RPMS Pharm and Background Silent Claim
Submitter (monitors ^PSRX indexes)
 ABSPOSS*    - Setup POS
 ABSPOST*    - None (some name conflicts in ILC A/R V1 and V2)
 ABSPOSU*    - Utilities; some from ABSUD0xx series in ILC A/R V1
 ABSPOSV*    - None
 ABSPOSW*    - None
 ABSPOSX*    - Utilities for support usage
 ABSPOSY*    - None
 ABSPOSZ*    - Special for upgrades, installations
      Generally, only ABSPOSZ is distributed
      ABSPOSZ_ are not distributed, and are marked DELETE AT SITE
```

The following list was generated using the ^%FL utility in MSM.

```
ABSPECA1: ABSPECA1 ;        IHS/FCS/DRS - Assemble formatted claim ;
ABSPECA2: ABSPECA2 ;        IHS/FCS/DRS - Assemble formatted claim ;
ABSPECA4: ABSPECA4 ;        IHS/FCS/DRS - Parse Claim Response ;
ABSPECA5: ABSPECA5 ;        IHS/FCS/DRS - Parse Claim Response ;
ABSPECA7: ABSPECA7 ;        IHS/FCS/DRS - Parse Claim Response ;
ABSPECA8: ABSPECA8 ;        IHS/FCS/DRS - construct a claim reversal ;
ABSPECA9: ABSPECA9 ;        IHS/FCS/DRS - pretty print pharm claim
packet ;
ABSPECFM: ABSPECFM ;        IHS/FCS/DRS - JWS 04:09 PM 28 May 1996 ;
ABSPECP0: ABSPECP0 ;        IHS/FCS/DRS - receipt ;
ABSPECP1: ABSPECP1 ;        IHS/FCS/DRS - printing for PCS ;
ABSPECP2: ABSPECP2 ; IHS/FCS/DRS - NO DESCRIPTION PROVIDED ;
ABSPECP3: ABSPECP3 ; IHS/FCS/DRS - Receipts ;
ABSPECR0: ABSPECR0 ;        IHS/FCS/DRS - JWS 02:16 PM 28 Sep 1995 ;
ABSPECR1: ABSPECR1 ; IHS/FCS/DRS - JWS 10:21 AM 6 Dec 1995 ;
ABSPECR2: ABSPECR2 ;        IHS/FCS/DRS - JWS 10:24 AM 19 Dec 1995 ;
ABSPECX0: ABSPECX0 ;        IHS/FCS/DRS - JWS 04:26 PM 18 Jun 1996 ;
ABSPECX1: ABSPECX1 ;        IHS/FCS/DRS - JWS 03:35 PM 6 Jun 1995 ;
ABSPECX4: ABSPECX4 ;        IHS/FCS/DRS - JWS ;
ABSPECZ2: ABSPECZ2 ;        IHS/FCS/DRS - JWS 10:08 AM 22 Jun 1995 ;
ABSPECZ3: ABSPECZ3 ;        IHS/FCS/DRS - JWS 01:51 PM 12 Sep 1995 ;
ABSPECZA: ABSPECZA ;        IHS/FCS/DRS - JWS 04:27 PM 28 Sep 1995 ;
ABSPER10: ABSPER10 ;        IHS/FCS/DRS - JWS 03:58 PM 16 Jul 1996 ;
ABSPER1A: ABSPER1A ; IHS/FCS/DRS - JWS 10:23 AM 17 Jul 1996 ;
ABSPER20: ABSPER20 ;        IHS/FCS/DRS - Payable claims report ;
ABSPER2A: ABSPER2A ;        IHS/FCS/DRS - Payable claims report ;
ABSPER30: ABSPER30 ;        IHS/FCS/DRS - JWS 10:33 AM 17 Jul 1996 ;
ABSPER3A: ABSPER3A ; IHS/FCS/DRS - JWS 10:27 AM 17 Jul 1996 ;
ABSPER40: ABSPER40 ;        IHS/FCS/DRS - JWS 03:58 PM 16 Jul 1996 ;
ABSPER4A: ABSPER4A ;        IHS/FCS/DRS - JWS 10:29 AM 17 Jul 1996 ;
ABSPES00: ABSPES00 ;        IHS/FCS/DRS - JWS 03:02 PM 12 Jun 1995 ;
ABSPES01: ABSPES01 ;        IHS/FCS/DRS - JWS 03:55 PM 28 Sep 1995 ;
ABSPES02: ABSPES02 ;        IHS/FCS/DRS - JWS 03:28 PM 6 Mar 1996 ;
ABSPMHDR: ABSPMHDR ; IHS/FCS/DRS - MENUS HEADERS ;
ABSPOS:    ABSPOS ;    IHS/FCS/DRS - Table of Contents, ZWRITE ;
ABSPOS02: ABSPOS02 ;        IHS/FCS/DRS - 9002313.02 utilities ;
ABSPOS03: ABSPOS03 ;        IHS/FCS/DRS - 9002313.03 utilities ;
ABSPOS2:  ABSPOS2 ;   IHS/FCS/DRS - POS manager's ScreenMan ;
ABSPOS25: ABSPOS25 ;        IHS/FCS/DRS - insurance auto-selection ;
ABSPOS26: ABSPOS26 ;        IHS/FCS/DRS - put insurance in order ;
ABSPOS28: ABSPOS28 ;        IHS/FCS/DRS - test of insurance selection
;
ABSPOS29: ABSPOS29 ;        IHS/FCS/DRS - BUILD COMBINED INSURANCE ;
ABSPOS2A: ABSPOS2A ;        IHS/FCS/DRS - continuation of ABSPOS2 ;
ABSPOS2B: ABSPOS2B ;        IHS/FCS/DRS - ABSPOS2 continuation ;
ABSPOS2C: ABSPOS2C ;        IHS/FCS/DRS - ABSPOS2 continuation ;
ABSPOS2D: ABSPOS2D ;        IHS/FCS/DRS - Poke the queues ;
ABSPOS2E: ABSPOS2E ;        IHS/FCS/DRS - print queues ;
ABSPOS2F: ABSPOS2F ;        IHS/FCS/DRS - transmitter/receiver control
;
ABSPOS31: ABSPOS31 ;        IHS/FCS/DRS - survey prescribers' ID #s ;
ABSPOS32: ABSPOS32 ;        IHS/FCS/DRS - survey insurances ;
```

```
ABSPOS33: ABSPOS33 ;        IHS/FCS/DRS - survey divisions ;
ABSPOS34: ABSPOS34 ;        IHS/FCS/DRS - survey elig. status ;
ABSPOS35: ABSPOS35 ; IHS/FCS/DRS - survey pharmacy volume ;
ABSPOS57: ABSPOS57 ;        IHS/FCS/DRS - fetch util 9002313.57
ABSPOS6A: ABSPOS6A ; IHS/FCS/DRS - Data Entry & Status Disp ;
ABSPOS6B: ABSPOS6B ;        IHS/FCS/DRS - user display screen, cont ;
ABSPOS6C: ABSPOS6C ;        IHS/FCS/DRS - continuation of ABSPOS6* ;
ABSPOS6D: ABSPOS6D ;        IHS/FCS/DRS - user screen subrous ;
ABSPOS6E: ABSPOS6E ;        IHS/FCS/DRS - more overflow from ^ABSPOS1
;
ABSPOS6F: ABSPOS6F ;        IHS/FCS/DRS - debugging for ABSPOS ;
ABSPOS6G: ABSPOS6G ;        IHS/FCS/DRS - DUR stuff ;
ABSPOS6H: ABSPOS6H ;        IHS/FCS/DRS - Data Entry & Status Disp ;
ABSPOS6I: ABSPOS6I ;        IHS/FCS/DRS - Data Entry & Status Disp ;
ABSPOS6J: ABSPOS6J ;        IHS/FCS/DRS - user screen subrous ;
ABSPOS6K: ABSPOS6K ;        IHS/FCS/DRS - Other options ;
ABSPOS6L: ABSPOS6L ;        IHS/FCS/DRS - Cancel a claim ;
ABSPOS6M: ABSPOS6M ;        IHS/FCS/DRS - Print log of claim ;
ABSPOS9:  ABSPOS9 ;  IHS/FCS/DRS - NDC # lookup, formatting ;
ABSPOS96: ABSPOS96 ; IHS/FCS/DRS - Display cross references for Tech
Manual
ABSPOS97: ABSPOS97 ;        IHS/FCS/DRS - MSM Win NT 4.40 busted! ;
ABSPOSA:  ABSPOSA ;  IHS/FCS/DRS - NO DESCRIPTION PROVIDED ;
ABSPOSAA: ABSPOSAA ;        IHS/FCS/DRS - JWS, ;
ABSPOSAB: ABSPOSAB ;        IHS/FCS/DRS - various modem commands ;
ABSPOSAD: ABSPOSAD ;        IHS/FCS/DRS - JWS ;
ABSPOSAM: ABSPOSAM ;        IHS/FCS/DRS - JWS ;
ABSPOSAN: ABSPOSAN ;        IHS/FCS/DRS - Cancellation ;
ABSPOSAO: ABSPOSAO ;        IHS/FCS/DRS - INITIATE ;
ABSPOSAP: ABSPOSAP ;        IHS/FCS/DRS - GETNEXT, PUTBACK ;
ABSPOSAQ: ABSPOSAQ ;        IHS/FCS/DRS - CONNECT ;
ABSPOSAR: ABSPOSAR ;        IHS/FCS/DRS - low-level Receive response ;
ABSPOSAS: ABSPOSAS ;        IHS/FCS/DRS - Low-level SEND claim ;
ABSPOSAW: ABSPOSAW ;        IHS/FCS/DRS - Modem - wait for char,str ;
ABSPOSAY: ABSPOSAY ;        IHS/FCS/DRS - Packet print utils ;
ABSPOSAZ: ABSPOSAZ ;        IHS/FCS/DRS - JWS, ;
ABSPOSB:  ABSPOSB ;  IHS/FCS/DRS - utilities used by ABSPOSB* ;
ABSPOSB0: ABSPOSB0 ;        IHS/FCS/DRS - Obsolete ;
ABSPOSB1: ABSPOSB1 ;        IHS/FCS/DRS - Obsolete;
ABSPOSB2: ABSPOSB2 ;        IHS/FCS/DRS - Obsolete ;
ABSPOSB3: ABSPOSB3 ;        IHS/FCS/DRS – FSI/ILC A/R interface ;
ABSPOSB4: ABSPOSB4 ;        IHS/FCS/DRS - Obsolete ;
ABSPOSB5: ABSPOSB5 ;        IHS/FCS/DRS - Obsolete ;
ABSPOSB8: ABSPOSB8 ;        IHS/FCS/DRS - some debugging assistance ;
ABSPOSBA: ABSPOSBA ;        IHS/FCS/DRS - Obsolete ;
ABSPOSBB: ABSPOSBB ;        IHS/FCS/DRS - POS billing - new ;
ABSPOSBC:      ABSPOSBD ;       IHS/FCS/DRS - POS billing -
background ;
ABSPOSBE: ABSPOSBE ;        IHS/FCS/DRS - Obsolete ;
ABSPOSBF: ABSPOSBF ;        IHS/FCS/DRS –ILC/AR comments in 9002302;
ABSPOSBI: ABSPOSBI ;        IHS/FCS/DRS - Obsolete
ABSPOSBL: ABSPOSBL ;        IHS/FCS/DRS - Obsolete ;
```

```
ABSPOSBM: ABSPOSBM ;       IHS/FCS/DRS - FSI/ILC A/R billing
interface, continued ;
ABSPOSBP: ABSPOSBP ;       IHS/FCS/DRS - Billing - PAC ;
ABSPOSBQ: ABSPOSBQ ;       IHS/FCS/DRS - Billing - Other A/R
ABSPOSBT: ABSPOSBT ;       IHS/FCS/DRS - Billing - ANMC
ABSPOSBU: ABSPOSBU ;       IHS/FCS/DRS - Obsolete
ABSPOSBV: ABSPOSBV ;       IHS/FCS/DRS - ILC A/R billing interface
ABSPOSBW: ABSPOSBW ;       IHS/FCS/DRS - Billing - FSI/ILC A/R v1,2 ;
ABSPOSBX: ABSPOSBX ; IHS/FCS/DRS - Billing - FSI/ILC A/R v1,2
ABSPOSC1: ABSPOSC1 ;       IHS/FCS/DRS - certification testing ;
ABSPOSC2: ABSPOSC2 ;       IHS/FCS/DRS - certification testing ;
ABSPOSC3: ABSPOSC3 ;       IHS/FCS/DRS - development - certification
testing ABSPOSC4:    ABSPOSC4 ;       IHS/FCS/DRS - installation
testing ;
ABSPOSCA: ABSPOSCA ;       IHS/FCS/DRS - Create 9002313.02 entries ;
ABSPOSCB: ABSPOSCB ;       IHS/FCS/DRS - VMEDS(*) prep for ABSP(*) ;
ABSPOSCC: ABSPOSCC ;       IHS/FCS/DRS - Set up ABSP() ;
ABSPOSCD: ABSPOSCD ;       IHS/FCS/DRS - ABSP("RX",*) ;
ABSPOSCE: ABSPOSCE ;       IHS/FCS/DRS - New entry in 9002313.02 ;
ABSPOSCF: ABSPOSCF ;       IHS/FCS/DRS - Low-level format of .02 ;
ABSPOSD1: ABSPOSD1 ;       IHS/FCS/DRS - (unused) ;
ABSPOSF:  ABSPOSF ;  IHS/FCS/DRS - Print NCPDP claim
ABSPOSFA: ABSPOSFA ;       IHS/FCS/DRS - Print NCPDP claim
ABSPOSFB: ABSPOSFB ;       IHS/FCS/DRS - VMEDS(*) prep for ABSP(*)
ABSPOSFC: ABSPOSFC ;       IHS/FCS/DRS - Set up ABSP( )
ABSPOSFD: ABSPOSFD ;       IHS/FCS/DRS - ABSP("RX",*)
ABSPOSFP: ABSPOSFP ;       IHS/FCS/DRS - Print NCPDP claim
ABSPOSFX: ABSPOSFX ;       IHS/FCS/DRS - Print NCPDP claim
ABSPOSI:  ABSPOSI ;  IHS/FCS/DRS - Data entry w/ScreenMan ;
ABSPOSI1: ABSPOSI1 ;       IHS/FCS/DRS - support for the prescrip.
field on
                                       the form ;
ABSPOSI2: ABSPOSI2 ;       IHS/FCS/DRS - support for the
NDC/HCPCS/CPT field
ABSPOSI7: ABSPOSI7 ;       IHS/FCS/DRS - utilities to go with Page 7
;
ABSPOSI8: ABSPOSI8 ;       IHS/FCS/DRS - insurance selection - page 8
;
ABSPOSIB: ABSPOSIB ;       IHS/FCS/DRS - branching logic ;
ABSPOSID: ABSPOSID ;       IHS/FCS/DRS - the fill date field ;
ABSPOSIF: ABSPOSIF ;       IHS/FCS/DRS - handle FIND command ;
ABSPOSIO: ABSPOSIO ;       IHS/FCS/DRS - NCPDP Overrides form ;
ABSPOSIP: ABSPOSIP ;       IHS/FCS/DRS - ABSP INPUT POSTAGE block ;
ABSPOSIV: ABSPOSIV ;       IHS/FCS/DRS - Old-style input ;
ABSPOSIW: ABSPOSIW ;       IHS/FCS/DRS - Old-style input ;
ABSPOSIY: ABSPOSIY ;       IHS/FCS/DRS - Filing with .51,.59 ;
ABSPOSIZ: ABSPOSIZ ;       IHS/FCS/DRS - Filing with .51,.59 ;
ABSPOSK : ABSPOSK  ;       IHS/FCS/DRS - winnow POS data ;
ABSPOSK1: ABSPOSK1 ;       IHS/FCS/DRS - winnow POS data ;
ABSPOSK2: ABSPOSK2 ;       IHS/FCS/DRS - winnow POS data ;
ABSPOSL : ABSPOSL ;  IHS/FCS/DRS - logging ;
ABSPOSL1: ABSPOSL1 ;       IHS/FCS/DRS - log file printing ;
```

```
ABSPOSM : ABSPOSM  ;        IHS/FCS/DRS - Report Master (.61) ;
ABSPOSM1: ABSPOSM1 ;        IHS/FCS/DRS - build Report Master data ;
ABSPOSM2: ABSPOSM2 ;        IHS/FCS/DRS - Report Master (.61) ;
ABSPOSMA: ABSPOSMA ;        IHS/FCS/DRS - General Inquiry/Report .57
ABSPOSMB: ABSPOSMB ;        IHS/FCS/DRS - General Inquiry/Report .57
ABSPOSMC: ABSPOSMC ;        IHS/FCS/DRS - General Inquiry/Report .57
ABSPOSMD: ABSPOSMD ;        IHS/FCS/DRS - General Inquiry/Report .57
ABSPOSME: ABSPOSME ;        IHS/FCS/DRS - General Inquiry/Report .57
ABSPOSMZ: ABSPOSMZ ;        IHS/FCS/DRS - General Inquiry/Report .57
ABSPOSN0: ABSPOSN0 ;        IHS/FCS/DRS - NCPDP forms ;
ABSPOSN1: ABSPOSN1 ;        IHS/FCS/DRS - NCPDP forms for ILC A/R ;
ABSPOSN2: ABSPOSN2 ;        IHS/FCS/DRS - NCPDP Fms F ILC A/R ;
ABSPOSN3: ABSPOSN3 ;        IHS/FCS/DRS - NCPDP Fms F ILC A/R ;
ABSPOSN4: ABSPOSN4 ;        IHS/FCS/DRS - NCPDP Fms F ILC A/R ;
ABSPOSN5: ABSPOSN5 ;        IHS/FCS/DRS - NCPDP Forms for ILC A/R ;
ABSPOSN6: ABSPOSN6 ;        IHS/FCS/DRS - NCPDP Fms F ILC A/R ;
ABSPOSN7: ABSPOSN7 ;        IHS/FCS/DRS - NCPDP Fms F ILC A/R ;
ABSPOSN8: ABSPOSN8 ;        IHS/FCS/DRS - NCPDP Fms F ILC A/R ;
ABSPOSNC: ABSPOSNC ;        IHS/FCS/DRS - Pharmacy POS interface query
from without ;
ABSPOSO : ABSPOSO  ;        IHS/FCS/DRS - "O" is for Override NCPDP
field values ;
ABSPOSO1: ABSPOSO1 ;        IHS/FCS/DRS - NCPDP Override Main menu ;
ABSPOSO2: ABSPOSO2 ;        IHS/FCS/DRS - NCPDP Override-Fman utils ;
ABSPOSO3: ABSPOSO3 ;        IHS/FCS/DRS - NO DESCRIPTION PROVIDED ;
ABSPOSO4: ABSPOSO4 ;        IHS/FCS/DRS - NO DESCRIPTION PROVIDED ;
ABSPOSO5: ABSPOSO5 ;        IHS/FCS/DRS - NO DESCRIPTION PROVIDED ;
ABSPOSP : ABSPOSP ;  IHS/FCS/DRS - Pharm POS payment/adjustment
batches
ABSPOSP1: ABSPOSP1 ;        IHS/FCS/DRS - POS Writeoffs batch ;
ABSPOSP2: ABSPOSP2 ;        IHS/FCS/DRS - EOB to Payments Batch ;
ABSPOSPW: ABSPOSPW ;        IHS/FCS/DRS - automatic writeoffs -
criteria on form ;
ABSPOSPX: ABSPOSPX ;        IHS/FCS/DRS - automatic writeoffs -
criteria on form ;
ABSPOSQ : ABSPOSQ  ;        IHS/FCS/DRS - POS background, Part 1 ;
ABSPOSQ1: ABSPOSQ1 ;        IHS/FCS/DRS - POS background, Part 1 ;
ABSPOSQ2: ABSPOSQ2 ;        IHS/FCS/DRS - form transmission packets ;
ABSPOSQ3: ABSPOSQ3 ;        IHS/FCS/DRS - tasked from ABSPOSQ2 ;
ABSPOSQ4: ABSPOSQ4 ;        IHS/FCS/DRS - Process responses ;
ABSPOSQA: ABSPOSQA ;        IHS/FCS/DRS - POS background, Part 1 ;
ABSPOSQB: ABSPOSQB ;        IHS/FCS/DRS - POS background, Part 1 ;
ABSPOSQC: ABSPOSQC ;        IHS/FCS/DRS - POS background, Part 1 ;
ABSPOSQD: ABSPOSQD ;        IHS/FCS/DRS - POS background Part 1 ;
ABSPOSQF: ABSPOSQF ;        IHS/FCS/DRS - Insurer asleep - status 31 ;
ABSPOSQG: ABSPOSQG ;        IHS/FCS/DRS - JWS 10:46 AM 7 Jan 1997 ;
ABSPOSQJ: ABSPOSQJ ;        IHS/FCS/DRS - subroutines of ABSPOSQ2 ;
ABSPOSQL: ABSPOSQL ;        IHS/FCS/DRS - Process responses ;
ABSPOSQP: ABSPOSQP ;        IHS/FCS/DRS - SGM 05:46 PM 20 Jan 1997 ;
ABSPOSQQ: ABSPOSQQ ;        IHS/FCS/DRS - VTL 05:51 PM 20 Jan 1997 ;
ABSPOSQS: ABSPOSQS ;        IHS/FCS/DRS - special queuing
considerations ;
```

```
ABSPOSR1: ABSPOSR1 ;        IHS/FCS/DRS - silent claim submitter ;
ABSPOSR2: ABSPOSR2 ;        IHS/FCS/DRS - silent claim submitter ;
ABSPOSR3: ABSPOSR3 ;        IHS/FCS/DRS - silent claim submitter ;
ABSPOSR4: ABSPOSR4 ;        IHS/FCS/DRS - back billing ;
ABSPOSRB: ABSPOSRB ;        IHS/FCS/DRS - background from ABSPOSRX ;
ABSPOSRX: ABSPOSRX ;        IHS/FCS/DRS - callable from RPMS pharm ;
ABSPOSS : ABSPOSS  ;        IHS/FCS/DRS - POS setup ;
ABSPOSS1: ABSPOSS1 ;        IHS/FCS/DRS - report what's in POS tables
;
ABSPOSS2: ABSPOSS2 ;        IHS/FCS/DRS - ^ABSPEI printout,utils ;
ABSPOSS3: ABSPOSS3 ;        IHS/FCS/DRS - file 9002313.53 - Pricing
tables ;
ABSPOSS4: ABSPOSS4 ;        IHS/FCS/DRS - file 9002313.54 Modem Types
;
ABSPOSS5: ABSPOSS5 ;        IHS/FCS/DRS - 9002313.55 DIAL OUT ;
ABSPOSS6: ABSPOSS6 ;        IHS/FCS/DRS - file 9002313.515 - user
settings ;
ABSPOSS7: ABSPOSS7 ;        IHS/FCS/DRS - Summary of POS insurers ;
ABSPOSS8: ABSPOSS8 ;        IHS/FCS/DRS - 9002313.99 ;
ABSPOSS9: ABSPOSS9 ;        IHS/FCS/DRS - ANY CRITICAL MISSING ITEMS ;
ABSPOSU : ABSPOSU  ;        IHS/FCS/DRS - utilities ;
ABSPOSU1: ABSPOSU1 ;        IHS/FCS/DRS - copied for POS ;
ABSPOSU2: ABSPOSU2 ;        IHS/FCS/DRS - copied for POS ;
ABSPOSU3: ABSPOSU3 ;        IHS/FCS/DRS - copied for POS ;
ABSPOSU4: ABSPOSU4 ; IHS/FCS/DRS - copied for POS ;
ABSPOSU5: ABSPOSU5 ;        IHS/FCS/DRS - utilities ;
ABSPOSU6: ABSPOSU6 ;        IHS/FCS/DRS - utilities, continued ;
ABSPOSU7: ABSPOSU7 ;        IHS/FCS/DRS - misc. utilities ;
ABSPOSU8: ABSPOSU8 ;        IHS/FCS/DRS - utilities ;
ABSPOSU9: ABSPOSU9 ;        IHS/FCS/DRS - copied for POS ;
ABSPOSUA: ABSPOSUA ;        IHS/FCS/DRS - sort and print utilities ;
ABSPOSUB: ABSPOSUB ;        IHS/FCS/DRS - diagnostic data collection ;
ABSPOSUC: ABSPOSUC ;        IHS/FCS/DRS - POS utilities ;
ABSPOSUD: ABSPOSUD ;        IHS/FCS/DRS - utils, some options ;
ABSPOSUE: ABSPOSUE ;        IHS/FCS/DRS - impossible errors
ABSPOSUT: ABSPOSUT ;        IHS/FCS/DRS - POS utilities - testing
modem ;
ABSPOSX : ABSPOSX  ;        IHS/FCS/DRS - Support ;
ABSPOSXA: ABSPOSXA ;        IHS/FCS/DRS - Support ;
ABSPOSXE: ABSPOSXE ;        IHS/FCS/DRS - Support - error log search ;
ABSPOSZ : ABSPOSZ  ;        IHS/FCS/DRS - Upgrades ;
```

4.0   Callable Routines

The only calls into Point of Sale should be done by the Pharmacy package interface. There are potentially many other callable entry points but for now they are used by Point of Sale only and are not documented here.

4.1   [PRD,SYS]>D DOCU^ABSPOSRX

There are only four callable entry points:

- $$CLAIM^ABSPOSRX   Submit a claim to Point of Sale
- $$UNCLAIM^ABSPOSRX   Reverse a previously submitted claim.
- $$STATUS^ABSPOSRX   Inquire about a claim's status
- SHOWQ^ABSPOSRX   Display queue of claims to be processed

All of these routines may be called in either $$ or DO forms, even though the individual descriptions speak only of $$ form.

- The RXI argument is required - a pointer to ^PSRX(*
- The RXR argument is optional - a pointer to ^PSRX(RXI,1,*
- If RXR is omitted, the first fill is assumed.
- Should have MOREDATA("ORIGIN")
    - = Undefined - if caller is RPMS Pharmacy package
    - = Some assigned value - for all other callers

4.1.1 $$CLAIM^ABSPOSRX–Submit a Claim to Point of Sale

$$CLAIM^ABSPOSRX(RXI,RXR,.MOREDATA)

Submit a claim to point of sale. Use, for example, when a prescription is released. All this does is to put it on a list and start a background job.

- Return values:
    - 1 = accepted for processing
    - 0^reason = failure (should never happen)

> **Note**: If the claim has already been processed and it's
> resubmitted, a reversal will be done first, and then the
> resubmit will be done. Intervening calls to $$STATUS may
> show progress of the reversal before the resubmitted claim
> is processed.

4.1.2 $$UNCLAIM^ABSPOSRX–Reverse a Previously Submitted Claim

Use, for example, if a prescription has been cancelled.

- $$UNCLAIM^ABSPOSRX(RXI,RXR,.MOREDATA)

    - Return value:

        - 1 = will submit request for reversal

        - 0^reason = failure (should never happen)

> **Note**: The reversal will actually be done *only* if the most recent
> processing of the claim resulted in something reversible,
> namely E PAYABLE or PAPER

4.1.3 $$STATUS^ABSPOSRX–Inquire About a Claim's Status

```
$$STATUS^ABSPOSRX(RXI,RXR)
Returns result^time^description
Returns null if there's no POS record of this RXI,RXR.
Result is IN PROGRESS, or if the claim is complete, result is one of the
following:
E PAYABLE, E REJECTED, E CAPTURED, E DUPLICATE
E REVERSAL ACCEPTED,  E REVERSAL REJECTED
E OTHER
PAPER, PAPER REVERSAL
(PAPER categories include uninsured patients, even beneficiaries, as well as
non-electronic insurances) "time" is the Fileman date and time of the last
update in the status of this claim.
```

5.0   POS Files

```
NUMBER        GLOBAL NAME      NAME         DESCRIPTION
-------------------------------------------------------------
9002313.02   ^ABSPC(    ABSP CLAIMS
   Intermediate form of claims. Fields are stored in formatted
form. Raw packet is stored, too.

9002313.03   ^ABSPR(    ABSP RESPONSES
   Intermediate form of responses to claims. Data is stored in
formatted form, as received from insurer. Raw data packet may
also be present.

9002313.1    ^ABSPCOMB( ABSP COMBINED INSURANCE
   Temporarily gather insurance data into a common global to
facilitate automatic insurance selection. A copy of the
^ABSBCOMB file as found in ILC A/R Version 2. The only reason
a separate file is kept here is because of namespacing. Some
reworking will be needed for BBM package.

9002313.31   ^ABSPEC(9002313.31    ABSP CERTIFICATION
   Data for development use in certifying software when
required by switches and claims end processors. Also contains
test claim used by MGR/TEST option. This file is completely
overwritten by installation.

9002313.4    ^ABSPEI(   ABSP INSURER
   Insurers for whom claims are being sent electronically.
Various other insurer-specific, ABSP-specific parameters.
DINUM'd to ^AUTNINS.

9002313.51   ^ABSPEC(9002313.51    ABSP DATA INPUT
   Data input. Used by Screen Manager; routines ABSPOSI*
primarily. ABSPOSRX calls and old-style data input also manage
to find their way into this file - it's one standard pathway
through which all data arrives in Point of Sale.

9002313.511  ^ABSPEC(9002313.511   ABSP NCPDP OVERRIDE
   More input. Override of specific NCPDP fields. ABSPOSO*
routines (letter O)

9002313.515  ^ABSPEC(9002313.515   ABSP INPUT USER PREF
   User preferences for certain operations, especially
Screenman input. Seldom used.

9002313.516  ^ABSPEC(9002313.516   ABSP ORIGIN OF INPUT
   Codes used in 9002313.59, 9002313.57, 9002313.51 to describe
where the input came from.  This file is overwritten by
installation.
```

```
9002313.53   ^ABSPEC(9002313.53    ABSP PRICING TABLES
  Different pricing policies can be maintained for different
insurers. `1 is always named STANDARD and is placed there by
installation, originally. Site may create more. STANDARD is
not changed by upgrade (that is, no overwriting happens.)
```

NUMBER	GLOBAL NAME	NAME	DESCRIPTION

```
------------------------------------------------------------
9002313.54   ^ABSPEC(9002313.54    ABSP MODEM TYPES
  Dictionary of modem types and characteristics. Should never
be edited locally, except in coordination with development.
Installation overwrites this file, totally.

9002313.55   ^ABSPEC(9002313.55    ABSP DIAL OUT
  Destinations for electronic claims. Each of the Envoy 800
numbers, and the Envoy T1, and the NDC numbers are in here, as
well as one entry reserved for development and testing use.

9002313.56   ^ABSPEC(9002313.56    ABSP PHARMACIES
  Pharmacy-specific data -- NCPDP #, default DEA #, etc. One
ABSP PHARMACY has a list of one or more OUTPATIENT SITES (file
59)

9002313.57          ABSP LOG OF TRANSACTIONS
  A copy of 9002313.59. As each transaction completes, a
snapshot of 9002313.59 entry is placed here in 9002313.57.

9002313.58   ^ABSPECX("S",    ABSP STATISTICS
  Statistics, as displayed by List Manager and ^ABSPOS2.

9002313.59   ^ABSPEC(9002313.59    ABSP TRANSACTION
  Transactions in progress. When complete (status 99), a copy
of the record is placed in 9002313.57.

9002313.61   ^ABSPECX("RPT"        ABSP REPORT MASTER
  Ties together pointers to the prescription/fill and the
latest transaction for the fill - for easy Fileman report
writing.

9002313.81   ^ABSPF(9002313.81     BSP TRANSLATE 9999999.36
  Translation involving relationship codes.

9002313.82103^ABSPF(9002313.82103  ABSP NCPDP FIELD 103
  Values for NCPDP field 103, Transaction Code.
```

~ ~
Special note for Version 1.0: 9002313.82xxx and 9002313.83
These files are not used by any options reachable by users.
However, they are usable in Join-type pointers with certain
computed
fields in 9002313.57 ABSP TRANSACTIONS, and as such, may be of

```
interest in developing site-specific receipts now, and as a
platform for developing a general receipt capability for the
next version.
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~

9002313.82305^ABSPF(9002313.82305  ABSP NCPDP FIELD 305
  Values for NCPDP field 305, Sex Code.
9002313.82306^ABSPF(9002313.82306  ABSP NCPDP FIELD 306
  Values for NCPDP field 306, RELATIONSHIP CODE.

9002313.82307^ABSPF(9002313.82307  ABSP NCPDP FIELD 307
  Values for NCPDP field 307, Customer Location.

9002313.82308^ABSPF(9002313.82308  ABSP NCPDP FIELD 308
  Values for NCPDP field 308, Other Coverage Code.

9002313.82309^ABSPF(9002313.82309  ABSP NCPDP FIELD 309
  Values for NCPDP field 309, Eligibility Clarification Code.

9002313.82406^ABSPF(9002313.82406  ABSP NCPDP FIELD 406
  Values for NCPDP field 406, Compound Code.

9002313.82408^ABSPF(9002313.82408  ABSP NCPDP FIELD 408
  Values for NCPDP field 408, Dispense as Written (DAW) /
Product Selection Code.

9002313.82416^ABSPF(9002313.82416  ABSP NCPDP FIELD 416
  Values for the leading digit of NCPDP field 416, PAMC Code
and Number.

9002313.82418^ABSPF(9002313.82418  ABSP NCPDP FIELD 418
  Values for NCPDP field 418, Level of Service.

9002313.82419^ABSPF(9002313.82419  ABSP NCPDP FIELD 419
  Values for NCPDP field 419, Prescription Origin Code.

9002313.8242 ^ABSPF(9002313.8242   ABSP NCPDP FIELD 420
  Values for NCPDP Field 420, Prescription Clarification Code.

9002313.82423^ABSPF(9002313.82423  ABSP NCPDP FIELD 423
  Values for NCPDP Field 423, BASIS OF COST DETERMINATION.
Indicates themethod by which the drug cost (field 409) was
calculated.

9002313.82425^ABSPF(9002313.82425  ABSP NCPDP FIELD 425
  Values for NCPDP field 425, Drug Type.

9002313.82429^ABSPF(9002313.82429  ABSP NCPDP FIELD 429
  Values for NCPDP field 429, Unit Dose Indicator.

9002313.82432^ABSPF(9002313.82432  ABSP NCPDP FIELD 432
```

```
    Values for NCPDP field 432, BASIS OF DAYS SUPPLY
DETERMINATION.

9002313.82436^ABSPF(9002313.82436  ABSP NCPDP FIELD 436
   Values for Field 436, Alternate Product Type.  The code
number that identifies the product type that was dispensed.
This code is used only if the National Drug Code number is not
available.

9002313.82439^ABSPF(9002313.82439  ABSP NCPDP FIELD 439
   Values for NCPDP field 439, DUR Conflict Code.

9002313.8244 ^ABSPF(9002313.8244   ABSP NCPDP FIELD 440
Values for NCPDP field 440, DUR Intervention Code.

9002313.82441^ABSPF(9002313.82441  ABSP NCPDP FIELD 441
   Values for NCPDP field 441, DUR Outcome Code.

9002313.82501^ABSPF(9002313.82501  ABSP NCPDP FIELD 501
   Values for NCPDP field 501, Response Status.

9002313.82522^ABSPF(9002313.82522  ABSP NCPDP FIELD 522
   Values for field 522, BASIS OF REIMBURSEMENT DETERMINATION.

9002313.82528^ABSPF(9002313.82528  ABSP NCPDP FIELD 528
   Meanings of codes in NCPDP field 528.  CLINICAL SIGNIFICANCE
CODE a/k/a SEVERITY INDEX CODE.

9002313.82529^ABSPF(9002313.82529  ABSP NCPDP FIELD 529
   Values of NCPDP field 529, OTHER PHARMACY INDICATOR.

9002313.82532^ABSPF(9002313.82532  ABSP NCPDP FIELD 532
   Values of NCPDP field 532, DATABASE INDICATOR.

9002313.82533^ABSPF(9002313.82533  ABSP NCPDP FIELD 533
   Values for NCPDP field 533, OTHER PRESCRIBER INDICATOR.

9002313.82535^ABSPF(9002313.82535  ABSP NCPDP FIELD 535
   Values for NCPDP field 535, DUR OVERFLOW.

9002313.83   ^ABSPF(9002313.83     ABSP RESULT CATEGORY
   A list of the possible result categories, as returned by
CATEG^ABSPOSUC( ).

9002313.89   ^ABSPF(9002313.89     ABSP ERROR CODES
   Obsolete. But it may be revived.

9002313.91   ^ABSPF(9002313.91     ABSP NCPDP FIELD DEFS
   The NCPDP Data Dictionary Individual fields which combine
into formatted packets.  Installation overwrites this file,
totally.
```

```
9002313.92   ^ABSPF(9002313.92     ABSP NCPDP FORMATS
  The formats for sending claims. As derived from NDC Payor
Sheets and Envoy Plan Sheets. Never modify locally, except in
cooperation with development. Installation overwrites this
file, totally.

9002313.93   ^ABSPF(9002313.93     ABSP NCPDP REJECT CODES
  Rejection codes as defined by NCPDP. Never ever edit.
Installation overwrites this file, totally.
```

NUMBER	GLOBAL NAME	NAME	DESCRIPTION

```
------------------------------------------------------------
9002313.94   ^ABSPF(9002313.94          ABSP INSURANCE RULES
  The insurance rules which are available for selection. Never
edit this file. Installation overwrites it.

9002313.99   ^ABSPEC(9002313.99          ABSP SETUP
  All manner of parameters and stuff. Always has one and only
one entry, IEN `1.
```

6.0 Cross-References

6.1 Cross References for File 9002313.02 ABSP CLAIMS

on field .01 Claim ID
```
9002313.02^B
    S ^ABSPC("B",$E(X,1,30),DA)=""
    K ^ABSPC("B",$E(X,1,30),DA)
```

on field .03 Billing Item IEN
```
9002313.02^AC
    S ^ABSPC("AC",$E(X,1,30),DA)=""
    K ^ABSPC("AC",$E(X,1,30),DA)
```

on field .04 Transmit Flag
```
9002313.02^AD
    S ^ABSPC("AD",$E(X,1,30),DA)=""
    K ^ABSPC("AD",$E(X,1,30),DA)
```

on field .05 Transmitted On
```
9002313.02^AE
    S ^ABSPC("AE",$E(X,1,30),DA)=""
    K ^ABSPC("AE",$E(X,1,30),DA)
```

on field 1.01 Patient Name
```
9002313.02^C
    S ^ABSPC("C",$E(X,1,30),DA)=""
    K ^ABSPC("C",$E(X,1,30),DA)
```

on field 1.02 Billing Item PCN
```
9002313.02^D
    S ^ABSPC("D",$E(X,1,30),DA)=""
    K ^ABSPC("D",$E(X,1,30),DA)
```

on field 1.03 Billing Item VCN
```
9002313.02^E
    S ^ABSPC("E",$E(X,1,30),DA)=""
    K ^ABSPC("E",$E(X,1,30),DA)
```

on field 401 Date Filled
```
9002313.02^AF
    S ^ABSPC("AF",$E(X,1,30),DA)=""
    K ^ABSPC("AF",$E(X,1,30),DA)
```

6.2   Cross References for File 9002313.03 ABSP RESPONSES

on field .01 ID
```
9002313.03^B
     S ^ABSPR("B",$E(X,1,30),DA)=""
     K ^ABSPR("B",$E(X,1,30),DA)
```

on field .02 Date/Time Response Received
```
9002313.03^AE
     S ^ABSPR("AE",$E(X,1,30),DA)=""
     K ^ABSPR("AE",$E(X,1,30),DA)
```

6.3   Cross References for File 9002313.1 ABSP COMBINED INSURANCE

on field .01 PATIENT NAME
```
9002313.1^B
     S ^ABSPCOMB("B",$E(X,1,30),DA)=""
     K ^ABSPCOMB("B",$E(X,1,30),DA)
```

6.4   Cross References for File 9002313.31 ABSP CERTIFICATION

on field .01 NAME
```
9002313.31^B
     S ^ABSPEC(9002313.31,"B",$E(X,1,30),DA)=""
     K ^ABSPEC(9002313.31,"B",$E(X,1,30),DA)
```

6.5   Cross References for file 9002313.4 ABSP INSURER

on field .01 NAME
```
9002313.4^B
     S ^ABSPEI("B",$E(X,1,30),DA)=""
     K ^ABSPEI("B",$E(X,1,30),DA)
```

on field 100.01 RX - NCPDP Record Format
```
9002313.4^AFormat
     S ^ABSPEI("AFormat",$E(X,1,30),DA)=""
     K ^ABSPEI("AFormat",$E(X,1,30),DA)
```

on field 100.06 RX - PRICING METHOD
```
9002313.4^APricing
     S ^ABSPEI("APricing",$E(X,1,30),DA)=""
```

```
            K ^ABSPEI("APricing",$E(X,1,30),DA)
```

on field 100.07 RX - DIAL OUT TO

```
    9002313.4^ADialOut
        S ^ABSPEI("ADialOut",$E(X,1,30),DA)=""
        K ^ABSPEI("ADialOut",$E(X,1,30),DA)
```

6.6   Cross References for File 9002313.51 ABSP DATA INPUT

on field .01 START TIME

```
    9002313.51^B
        S ^ABSPEC(9002313.51,"B",$E(X,1,30),DA)=""
        K ^ABSPEC(9002313.51,"B",$E(X,1,30),DA)
```

6.7   Cross References for File 9002313.511 ABSP NCPDP OVERRIDE

on field .01 NAME

```
    9002313.511^B
        S ^ABSPEC(9002313.511,"B",$E(X,1,30),DA)=""
        K ^ABSPEC(9002313.511,"B",$E(X,1,30),DA)
```

6.8   Cross References for File 9002313.515 ABSP INPUT USER PREF

on field .01 USER

```
    9002313.515^B
        S ^ABSPEC(9002313.515,"B",$E(X,1,30),DA)=""
        K ^ABSPEC(9002313.515,"B",$E(X,1,30),DA)
```

6.9   Cross References for File 9002313.516 ABSP ORIGIN OF INPUT

on field .01 NAME

```
    9002313.516^B
        S ^ABSPEC(9002313.516,"B",$E(X,1,30),DA)=""
        K ^ABSPEC(9002313.516,"B",$E(X,1,30),DA)
```

6.10　Cross References for File 9002313.53 ABSP PRICING TABLES

on field .01　NAME

```
9002313.53^B
    S ^ABSPEC(9002313.53,"B",$E(X,1,30),DA)=""
    K ^ABSPEC(9002313.53,"B",$E(X,1,30),DA)
```

6.11　Cross References for File 9002313.54 ABSP MODEM TYPES

on field .01　NAME

```
9002313.54^B
    S ^ABSPEC(9002313.54,"B",$E(X,1,30),DA)=""
    K ^ABSPEC(9002313.54,"B",$E(X,1,30),DA)
```

6.12　Cross References for File 9002313.55 ABSP DIAL OUT

on field .01　NAME

```
9002313.55^B
    S ^ABSPEC(9002313.55,"B",$E(X,1,30),DA)=""
    K ^ABSPEC(9002313.55,"B",$E(X,1,30),DA)
```

on field .02　MODEM TYPE

```
9002313.55^AModemType
    S ^ABSPEC(9002313.55,"AModemType",$E(X,1,30),DA)=""
    K ^ABSPEC(9002313.55,"AModemType",$E(X,1,30),DA)
```

6.13　Cross References for File 9002313.56 ABSP PHARMACIES

on field .01　NAME

```
9002313.56^B
    S ^ABSPEC(9002313.56,"B",$E(X,1,30),DA)=""
    K ^ABSPEC(9002313.56,"B",$E(X,1,30),DA)
```

6.14　Cross References for File 9002313.57 ABSP LOG OF TRANSACTIONS

on field .01　ENTRY

```
9002313.57^B
    S ^ABSPEC(9002313.57,"B",$E(X,1,30),DA)=""
```

```
K ^ABSPEC(9002313.57,"B",$E(X,1,30),DA)
```

on field .15 POSTED TO A/R
```
9002313.57^AR
    S ^ABSPEC(9002313.57,"AR",$E(X,1,30),DA)=""
    K ^ABSPEC(9002313.57,"AR",$E(X,1,30),DA)
```

on field .16 NEEDS BILLING
```
9002313.57^AS
    S ^ABSPEC(9002313.57,"AS",$E(X,1,30),DA)=""
    K ^ABSPEC(9002313.57,"AS",$E(X,1,30),DA)
```

on field 1.06 INSURER
```
9002313.57^AI
    S ^ABSPEC(9002313.57,"AI",$E(X,1,30),DA)=""
    K ^ABSPEC(9002313.57,"AI",$E(X,1,30),DA)
```

on field 2 PCN
```
9002313.57^C
    S ^ABSPEC(9002313.57,"C",$E(X,1,30),DA)=""
    K ^ABSPEC(9002313.57,"C",$E(X,1,30),DA)
```

on field 3 CLAIM
```
9002313.57^AE
    S ^ABSPEC(9002313.57,"AE",$E(X,1,30),DA)=""
    K ^ABSPEC(9002313.57,"AE",$E(X,1,30),DA)
```

on field 4 RESPONSE
```
9002313.57^AF
    S ^ABSPEC(9002313.57,"AF",$E(X,1,30),DA)=""
    K ^ABSPEC(9002313.57,"AF",$E(X,1,30),DA)
```

on field 5 PATIENT
```
9002313.57^AC
    S ^ABSPEC(9002313.57,"AC",$E(X,1,30),DA)=""
    K ^ABSPEC(9002313.57,"AC",$E(X,1,30),DA)
```

on field 7 LAST UPDATE
```
9002313.57^AH
    S ^ABSPEC(9002313.57,"AH",$E(X,1,30),DA)=""
    K ^ABSPEC(9002313.57,"AH",$E(X,1,30),DA)
```

on field 13 USER
```
9002313.57^AG
    S ^ABSPEC(9002313.57,"AG",$E(X,1,30),DA)=""
    K ^ABSPEC(9002313.57,"AG",$E(X,1,30),DA)
```

on field 401 REVERSAL CLAIM
```
9002313.57^AER
    S ^ABSPEC(9002313.57,"AER",$E(X,1,30),DA)=""
    K ^ABSPEC(9002313.57,"AER",$E(X,1,30),DA)
```

on field 402 REVERSAL RESPONSE

    9002313.57^AFR
        S ^ABSPEC(9002313.57,"AFR",$E(X,1,30),DA)=""
        K ^ABSPEC(9002313.57,"AFR",$E(X,1,30),DA)

6.15 Cross References for File 9002313.58 ABSP STATISTICS

on field .01 NAME

    9002313.58^B
        S ^ABSPEC(9002313.58,"B",$E(X,1,30),DA)=""
        K ^ABSPEC(9002313.58,"B",$E(X,1,30),DA)

6.16 Cross References for File 9002313.59 ABSP TRANSACTION

on field .01 ENTRY#

    9002313.59^B
        S ^ABSPEC(9002313.59,"B",$E(X,1,30),DA)=""
        K ^ABSPEC(9002313.59,"B",$E(X,1,30),DA)

on field .15 POSTED TO A/R

    9002313.59^AR
        S ^ABSPEC(9002313.59,"AR",$E(X,1,30),DA)=""
        K ^ABSPEC(9002313.59,"AR",$E(X,1,30),DA)

on field 1 STATUS

    9002313.59^AD
        S ^ABSPEC(9002313.59,"AD",$E(X,1,30),DA)=""
        K ^ABSPEC(9002313.59,"AD",$E(X,1,30),DA)

on field 3 CLAIM

    9002313.59^AE
        S ^ABSPEC(9002313.59,"AE",$E(X,1,30),DA)=""
        K ^ABSPEC(9002313.59,"AE",$E(X,1,30),DA)

on field 4 RESPONSE

    9002313.59^AF
        S ^ABSPEC(9002313.59,"AF",$E(X,1,30),DA)=""
        K ^ABSPEC(9002313.59,"AF",$E(X,1,30),DA)

on field 5 PATIENT

    9002313.59^AC
        S ^ABSPEC(9002313.59,"AC",$E(X,1,30),DA)=""
        K ^ABSPEC(9002313.59,"AC",$E(X,1,30),DA)

on field 7 LAST UPDATE

9002313.59^AH
  S ^ABSPEC(9002313.59,"AH",$E(X,1,30),DA)=""
  K ^ABSPEC(9002313.59,"AH",$E(X,1,30),DA)

on field 13 USER

9002313.59^AG
  S ^ABSPEC(9002313.59,"AG",$E(X,1,30),DA)=""
  K ^ABSPEC(9002313.59,"AG",$E(X,1,30),DA)

on field 401 REVERSAL CLAIM

9002313.59^AER
  S ^ABSPEC(9002313.59,"AER",$E(X,1,30),DA)=""
  K ^ABSPEC(9002313.59,"AER",$E(X,1,30),DA)

on field 402 REVERSAL RESPONSE

9002313.59^AFR
  S ^ABSPEC(9002313.59,"AFR",$E(X,1,30),DA)=""
  K ^ABSPEC(9002313.59,"AFR",$E(X,1,30),DA)

6.17 Cross References for File 9002313.61 ABSP REPORT MASTER

on field .01 RELEASED DATE

9002313.61^B
  S ^ABSPECX("RPT","B",$E(X,1,30),DA)=""
  K ^ABSPECX("RPT","B",$E(X,1,30),DA)

on field .02 TRANSACTION DATE

9002313.61^AD
  S ^ABSPECX("RPT","AD",$E(X,1,30),DA)=""
  K ^ABSPECX("RPT","AD",$E(X,1,30),DA)

on field .03 TRANSACTION

9002313.61^AE
  S ^ABSPECX("RPT","AE",$E(X,1,30),DA)=""
  K ^ABSPECX("RPT","AE",$E(X,1,30),DA)

on field .04 RXI

9002313.61^C
  S ^ABSPECX("RPT","C",$E(X,1,30),DA)=""
  K ^ABSPECX("RPT","C",$E(X,1,30),DA)

6.18   Cross References for File 9002313.81 ABSP TRANSLATE 9999999.36

on field .01 Name

```
9002313.81^B
    S ^ABSPF(9002313.81,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.81,"B",$E(X,1,30),DA)
```

6.19   Cross References for File 9002313.82103 ABSP NCPDP FIELD 103

on field .01 CODE

```
9002313.82103^B
    S ^ABSPF(9002313.82103,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.82103,"B",$E(X,1,30),DA)
```

6.20   Cross References for File 9002313.82305 ABSP NCPDP FIELD 305

on field .01 CODE

```
9002313.82305^B
    S ^ABSPF(9002313.82305,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.82305,"B",$E(X,1,30),DA)
```

6.21   Cross References for File 9002313.82306 ABSP NCPDP FIELD 306

on field .01 CODE

```
9002313.82306^B
    S ^ABSPF(9002313.82306,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.82306,"B",$E(X,1,30),DA)
```

6.22   Cross References for File 9002313.82307 ABSP NCPDP FIELD 307

on field .01 CODE

```
9002313.82307^B
    S ^ABSPF(9002313.82307,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.82307,"B",$E(X,1,30),DA)
```

6.23   Cross References for File 9002313.82308 ABSP NCPDP FIELD 308

on field .01 CODE

```
9002313.82308^B
    S ^ABSPF(9002313.82308,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.82308,"B",$E(X,1,30),DA)
```

6.24   Cross References for File 9002313.82309 ABSP NCPDP FIELD 309

on field .01 CODE

```
9002313.82309^B
    S ^ABSPF(9002313.82309,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.82309,"B",$E(X,1,30),DA)
```

6.25   Cross References for File 9002313.82406 ABSP NCPDP FIELD 406

on field .01 CODE

```
9002313.82406^B
    S ^ABSPF(9002313.82406,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.82406,"B",$E(X,1,30),DA)
```

6.26   Cross References for File 9002313.82408 ABSP NCPDP FIELD 408

on field .01 CODE

```
9002313.82408^B
    S ^ABSPF(9002313.82408,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.82408,"B",$E(X,1,30),DA)
```

6.27   Cross References for File 9002313.82416 ABSP NCPDP FIELD 416

on field .01 CODE

```
9002313.82416^B
    S ^ABSPF(9002313.82416,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.82416,"B",$E(X,1,30),DA)
```

6.28   Cross References for file 9002313.82418 ABSP NCPDP FIELD 418

on field .01 CODE

```
9002313.82418^B
    S ^ABSPF(9002313.82418,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.82418,"B",$E(X,1,30),DA)
```

6.29   Cross References for File 9002313.82419 ABSP NCPDP FIELD 419

on field .01 CODE

```
9002313.82419^B
    S ^ABSPF(9002313.82419,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.82419,"B",$E(X,1,30),DA)
```

6.30   Cross References for File 9002313.8242 ABSP NCPDP FIELD 420

on field .01 CODE

```
9002313.8242^B
    S ^ABSPF(9002313.8242,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.8242,"B",$E(X,1,30),DA)
```

6.31   Cross References for File 9002313.82423 ABSP NCPDP FIELD 423

on field .01 CODE

```
9002313.82423^B
    S ^ABSPF(9002313.82423,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.82423,"B",$E(X,1,30),DA)
```

6.32   Cross References for File 9002313.82425 ABSP NCPDP FIELD 425

on field .01 CODE

```
9002313.82425^B
    S ^ABSPF(9002313.82425,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.82425,"B",$E(X,1,30),DA)
```

6.33   Cross References for File 9002313.82429 ABSP NCPDP FIELD 429

on field .01 CODE

```
9002313.82429^B
    S ^ABSPF(9002313.82429,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.82429,"B",$E(X,1,30),DA)
```

6.34   Cross References for File 9002313.82432 ABSP NCPDP FIELD 432

on field .01 CODE

```
9002313.82432^B
    S ^ABSPF(9002313.82432,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.82432,"B",$E(X,1,30),DA)
```

6.35   Cross References for File 9002313.82436 ABSP NCPDP FIELD 436

on field .01 CODE

```
9002313.82436^B
    S ^ABSPF(9002313.82436,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.82436,"B",$E(X,1,30),DA)
```

6.36   Cross References for File 9002313.82439 ABSP NCPDP FIELD 439

on field .01 CODE

```
9002313.82439^B
    S ^ABSPF(9002313.82439,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.82439,"B",$E(X,1,30),DA)
```

6.37   Cross References for File 9002313.8244 ABSP NCPDP FIELD 440

on field .01 CODE

```
9002313.8244^B
    S ^ABSPF(9002313.8244,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.8244,"B",$E(X,1,30),DA)
```

6.38   Cross References for File 9002313.82441 ABSP NCPDP FIELD 441

on field .01 CODE

```
9002313.82441^B
    S ^ABSPF(9002313.82441,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.82441,"B",$E(X,1,30),DA)
```

6.39   Cross References for File 9002313.82501 ABSP NCPDP FIELD 501

on field .01 CODE

```
9002313.82501^B
    S ^ABSPF(9002313.82501,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.82501,"B",$E(X,1,30),DA)
```

6.40   Cross References for File 9002313.82522 ABSP NCPDP FIELD 522

on field .01 CODE

```
9002313.82522^B
    S ^ABSPF(9002313.82522,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.82522,"B",$E(X,1,30),DA)
```

6.41   Cross References for File 9002313.82528 ABSP NCPDP FIELD 528

on field .01 CODE

```
9002313.82528^B
    S ^ABSPF(9002313.82528,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.82528,"B",$E(X,1,30),DA)
```

6.42   Cross References for File 9002313.82529 ABSP NCPDP FIELD 529

on field .01 CODE

```
9002313.82529^B
    S ^ABSPF(9002313.82529,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.82529,"B",$E(X,1,30),DA)
```

6.43 Cross References for File 9002313.82532 ABSP NCPDP FIELD 532

on field .01 CODE

```
9002313.82532^B
    S ^ABSPF(9002313.82532,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.82532,"B",$E(X,1,30),DA)
```

6.44 Cross References for File 9002313.82533 ABSP NCPDP FIELD 533

on field .01 CODE

```
9002313.82533^B
    S ^ABSPF(9002313.82533,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.82533,"B",$E(X,1,30),DA)
```

6.45 Cross References for File 9002313.82535 ABSP NCPDP FIELD 535

on field .01 CODE

```
9002313.82535^B
    S ^ABSPF(9002313.82535,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.82535,"B",$E(X,1,30),DA)
```

6.46 Cross References for File 9002313.83 ABSP RESULT CATEGORY

on field .01 NAME

```
9002313.83^B
    S ^ABSPF(9002313.83,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.83,"B",$E(X,1,30),DA)
```

on field .03 OTHER NAME

```
9002313.83^C
    S ^ABSPF(9002313.83,"C",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.83,"C",$E(X,1,30),DA)
```

6.47 Cross References for File 9002313.89 ABSP ERROR CODES

on field .01 Code

```
9002313.89^B
```

```
S ^ABSPF(9002313.89,"B",$E(X,1,30),DA)=""
K ^ABSPF(9002313.89,"B",$E(X,1,30),DA)
```

6.48   Cross References for File 9002313.91 ABSP NCPDP FIELD DEFS

on field .01 Number
```
9002313.91^B
    S ^ABSPF(9002313.91,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.91,"B",$E(X,1,30),DA)
```

on field .03 Name
```
9002313.91^C
    S ^ABSPF(9002313.91,"C",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.91,"C",$E(X,1,30),DA)
```

6.49   Cross References for File 9002313.92 ABSP NCPDP FORMATS

on field .01 Record Format Name
```
9002313.92^B
    S ^ABSPF(9002313.92,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.92,"B",$E(X,1,30),DA)
```

on field 1.01 NDC BIN Number
```
9002313.92^C
    S ^ABSPF(9002313.92,"C",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.92,"C",$E(X,1,30),DA)
```

on field 1.04 Envoy Plan Number
```
9002313.92^D
    S ^ABSPF(9002313.92,"D",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.92,"D",$E(X,1,30),DA)
```

6.50   Cross References for File 9002313.93 ABSP NCPDP REJECT CODES

on field .01 Code
```
9002313.93^B
    S ^ABSPF(9002313.93,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.93,"B",$E(X,1,30),DA)
```

6.51   Cross References for File 9002313.94 ABSP INSURANCE RULES

on field .01 NAME

```
9002313.94^B
    S ^ABSPF(9002313.94,"B",$E(X,1,30),DA)=""
    K ^ABSPF(9002313.94,"B",$E(X,1,30),DA)
```

6.52   Cross References for File 9002313.99 ABSP SETUP

on field .01 NAME

```
9002313.99^B
    S ^ABSPEC(9002313.99,"B",$E(X,1,30),DA)=""
    K ^ABSPEC(9002313.99,"B",$E(X,1,30),DA)
```

7.0   Exported Options

```
Name
      Menu Text
      Description
-------------------------------------------------------------------------------
ABSP AUTO-WRITEOFF BAT
      Auto-Adjustments Pre Bill -to-> Adjustment
ILC A/R only - Auto-Adjustments Pre Bill list -to-> Adjustments Batch.

ABSP AUTO-WRITEOFF LIST
      Automatic Adjustment Pre Bill List
            ILC A/R only - Automatic Adjustment Pre Bill List

ABSP BACKGROUND SCAN LOG
      Print log file of Pharmacy POS background
            Print log file of Pharmacy POS background scan job. See what it's
picking up from pharmacy ^PSRX indexes.

ABSP BACKGROUND SCAN START
      Start Pharmacy POS background scan
            Start background job to scan ^PSRX indexes and issue appropriate POS
transactions.

ABSP BACKGROUND SCAN STATUS
      Status of Pharmacy POS background scan
            View status of background job which is scanning ^PSRX indexes.

ABSP BACKGROUND SCAN STOP
      Stop Pharmacy POS background scan
            Stop the background job which scans ^PSRX indexes.

ABSP BEN/ELIG SURVEY
      Survey patients' beneficiary/eligibility
            Count prescriptions and tally patients' ben/elig. statuses. Curiosity.

ABSP BILLING MENU
      RX Point of Sale Billing Menu
            The main menu for Business Office pharmacy billing. Posting charges.
Also access to some POS stuff, including the pharmacy data entry screen and some POS
inquiries and reports.

ABSP BILLING MENU FOR ILC A/R
      RX Point of Sale Billing Menu for ILC A/
            The main menu for Business Office pharmacy billing. Posting charges;
creating payment batches, etc. Also access to some POS stuff, including the pharmacy
data entry screen and some POS inquiries and reports.

ABSP COMMS LOG VIEW
      Communications - View Dial Out Log File
            Have a look at what's going on with dial-out, especially if there's some
problems - you can see if it's a modem init. problem or a problem getting the
connection established or something wacky during send/receive.

ABSP DISPLAY CLAIMS 1
      Display NDC Electronic Claims (by PCN/Pa
            ILC A/R only.

ABSP DISPLAY RESPONSES 1
      Display NDC Electronic Claims (by Respon
            ILC A/R only.
```

```
ABSP DIVISIONS SURVEY
     Survey pharmacy divisions
           Which pharmacy divisions (^PS(59)) are used and how often?

ABSP EOB TO BATCH
     Create payment batch to match EOB
           ILC A/R only.

ABSP FORMATS EDIT
     Edit NCPDP formats (complete details, X
           Development use only! This one asks ALL the fields. Use it primarily for
editing existing templates to input the executable code for the few fields which
need it.

ABSP FORMATS INPUT
     Input NCPDP formats (order and field # o
           Development use only! Initial input of NCPDP format - designed for
speed. Go back later to do the "X" special fields. This time around, everything is
set to Standard.

ABSP FORMATS LIST
     List electronic claims formats
           See what insurance formats are supported and the status. Also shows Help
Desk phone numbers.

ABSP INS RULES AVAIL
     View available insurance selection rules
           View available insurance selection rules.

ABSP INS RULES IN-USE
     View insurance rules in use now
View insurance rules in use now at this site.

ABSP INSURANCE EDIT
     Edit RX-related insurance info
           Fields in ^AUTNINS and ^ABSPEI related to choosing insurance and
printing forms.

ABSP INSURER SURVEY
     Survey insurers by frequency
           Survey past prescriptions to see which insurers are most often used, and
hence, which electronic formats should be added next.

ABSP MANAGER MENU
     Pharmacy POS Manager Menu
           Pharmacy point of sale main menu for Manager functions

ABSP MANAGER SCREEN
     Statistics & misc. options screen...
           List Manager display of stats and some protocols to accomplish various
manager functions.

ABSP MENU BACKGROUND SCAN
     Pharmacy POS background scan
           Menu

ABSP MENU DEVEL
     Point of Sale Developers Menu
           Menu

ABSP MENU RPT CLAIM STATUS
     Claim results and status
           Menu
```

```
ABSP MENU RPT MAIN
      Pharmacy electronic claims reports
              Menu

ABSP MENU RPT OTHER
      Other reports
              Menu

ABSP MENU RPT SETUP
      Setup (Configuration) reports
              Menu

ABSP MENU RPT SURVEY
      Surveys of RPMS database
              Menu

ABSP NCPDP FIELDS LIST
      List NCPDP Fields
              Printout of file 9002313.91.

ABSP NCPDP FORMS ALIGN
      Align NCPDP Forms
              Print a sample form to test printer alignment (In development).

ABSP NCPDP FORMS PRINT
      Print NCPDP Forms
              Print NCPDP forms by date range and starting at a selected insurer (In
development).

ABSP NCPDP REPRINT
      Reprint Selected NCPDP Forms
              Reprint selected forms (In development).

ABSP PAYABLE REPORT
      Pharmacy Claim Payable Report
              Obsolete.

ABSP PROVIDER #S EDIT
      Enter/Edit providers' ID #s
              Edit in file 200, selected fields.

ABSP PROVIDER #S SURVEY
      Survey if recent providers have ID #s
              Looks back a couple of months to see if providers have ID #s on file.
Prints a report.

ABSP RECENT TRANSACTIONS
      Recent transactions
              Useless report. Except maybe for looking at the last hour's activity and
seeing if transactions are running to completion.

ABSP REJECTION REPORT
      Pharmacy Claim Rejection Report
              Obsolete.

ABSP RPMS RX BILLING STATUS
      Enter/edit RPMS Insurance file RX settin
              Edits ^AUTNINS file RX BILLING STATUS

ABSP RPT CAPTURED
      Captured claims report
              Captured claims report

ABSP RPT DUPLICATE
      Duplicate claims report (should be none)
```

```
                Duplicate claims report

ABSP RPT MISSED PRESCRIPTIONS
      Find prescriptions missed by POS
              Finds prescriptions which have no complete Point of Sale transaction,
but for which the prescription file indicates released, not deleted, not returned to
stock.  Consider doing manual input to generate claims for these.

ABSP RPT NEED REVERSAL
      Reversals needed
              E PAYABLE or PAPER claims for which the corresponding prescriptions are
now marked as deleted or returned to stock.

ABSP RPT PAPER
      Paper claims report
              Report of non-electronic claims, insured patients. A paper claim for
such prescriptions might be paid. Or consider getting the electronic claims format
for future claims to these insurers.

ABSP RPT PAYABLE
      Payable claims report
              Report of payable claims (electronic), and comparison to amount billed
vs. amount paid.

ABSP RPT REJECTION
      Rejected claims report
              Report of rejected claims (electronic), amounts, and information that's
useful in calling a Help Desk, starting with the Help Desk telephone number.

ABSP RPT TOTALS BY DAY
      TOTALS - by RELEASED DATE
              Report $$$ totals of Point of Sale activity day by day. Input a date
range.

ABSP RPT TOTALS BY INSURER
      TOTALS - by INSURER
              Report $$$ totals of Point of Sale activity day by day, broken down by
insurer.  Input a date range and optionally a range of insurer names. Gives total
amount for the insurer for the entire date range.

ABSP RPT UNINSURED
      Uninsured claims report
              Report $$$ amounts of prescriptions issued to the uninsured. Broken down
by patients' eligibility status; especially useful if you are serving non-native
community and want to know how much is being dispensed to same.

ABSP SETUP DETAIL
      POS Setup - Detailed Report
              Prints POS parameters and a number of tables (pricing, electronic
insurer, dial outs, etc.). Useful starting point for investigating a support
problem. Output should agree with Configuration Survey that was filled out as part
of pre-installation planning.

ABSP SETUP DIAL OUT ADV.
      Advanced settings for POS dial out
              All the questions, all the possibilities are accessible from this
program. Avoid using it.

ABSP SETUP DIAL OUT BASIC
      Basic settings for POS dial out
              1. Settings for the DEFAULT dial out. 2. Selection of which dial out the
DEFAULT is linked to.

ABSP SETUP DIAL OUT DEF
      Select default destination for claims
```

```
                  To which dial out are your claims to be sent?

ABSP SETUP DIAL OUT MENU
       Edit pharmacy POS dial out settings
                Menu
ABSP SETUP ILC AR
       Edit pharmacy POS ILC A/R settings
                Various parameters.

ABSP SETUP INSURANCE MENU
       Edit Pharmacy POS Insurance settings
                Menu

ABSP SETUP INSURANCE SEL
       Insurance selection parameters (system-w
                Some parameters - grace period, etc.

ABSP SETUP INSURER
       Advanced setup of insurer
                If you need to edit something not available in Quick Setup of Insurer.

ABSP SETUP INSURER QUICK
       Quick setup of insurer
                Just asks for format and pricing formula.

ABSP SETUP MENU
       Pharmacy Point of Sale Setup Menu
                Menu All the setup goodies. See installation manual.

ABSP SETUP MISC.
       Miscellaneous setup programs
                Menu

ABSP SETUP OKLA. MEDICAID
       Parameters for Oklahoma Medicaid
                Since reimbursement is made for only the first three claims in a
calendar month, we need to maximize revenue - choose the three most expensive claims
only - and minimize expense and time - by not sending claims after three have been
paid.

ABSP SETUP PART 1
       Edit basic pharmacy POS parameters
                Several parameters - done early in initial installation and maybe later
if the need arises.

ABSP SETUP PHARMACIES
       POS Setup - Pharmacies Report
                Print file 9002313.56

ABSP SETUP PHARMACY
       Edit pharmacy POS pharmacy data
                Edit file 9002313.56

ABSP SETUP PRICING
       Enter/edit Pricing formulas
                Edit file 9002313.53

ABSP SETUP SUMMARY
       POS Setup - Summary of Insurers
                Print file 9002313.4

ABSP SETUP USERS
       Edit pharmacy POS user preferences
                Edit file 9002313.515
```

```
ABSP STRANDED CLAIMS
      List possibly stranded claims
            List claims which haven't completely processed yet. They may be stranded
because of some error. It is possible that there may be a large backlog of
processing, so it doesn't automatically mean that the reason for the incompletion is
an error. You can choose the range of start times (when the claims started to
process). For example, go through about an hour ago to find the ones that have been
incomplete for all that time. This screens out the more recently-submitted claims
from being reported here.

ABSP SUP CHECK DATE RANGE
      Check POS for Date range input
            Support utility monitor system

ABSP SUP CHECK DEFAULT
      Check POS for Default date range
            Support utility monitor system

ABSP SUP CHECK MENU
      Check POS (error log, stats, etc.)
            Support utility

ABSP SUP CHECK PAST WEEK
      Check POS for past Week
            Support utility monitor system

ABSP SUP CHECK TODAY
      Check POS for Today
            Support utility monitor system

ABSP SUP CHECK YESTERDAY
      Check POS for Yesterday
            Support utility monitor system

ABSP SUP ERROR LOG
      Search error log
            Support utility Search error log for point of sale entries. Called as
part of the ABSP SUP CHECK options

ABSP SUP MENU
      Support utilities
            Menu

ABSP SUP QUEUES
      Show queues
            Internals.

ABSP SUP SPECIAL LOG FILES
      Print special log files (billing, etc.)
            Possibly useful support utility. Prompts for which log file and which
date.

ABSP SUP UNSTRAND CLAIMS
      Unstrand stranded claims
            This should never be used! But if you do use it, use it sparingly! It
forces idle claims to completion status so that they can be resubmitted again from
the beginning. May be needed if there is a bug that strands claims or in case of a
system crash or a massive dial-out failure.

ABSP TECH - FILES
      Files - for technical manual
            Print table of files

ABSP TECH - OPTIONS
      Options - for Technical Manual
```

```
               Print options - names, menu text, description. For Technical Manual.

ABSP TEST MESSAGE
      Test it (send claim, receive response)
            Sends the Nebraska Medicaid test message to your default dial out and
waits for a response. Recommended using when no other POS activity.

ABSP TRANS STATUS BY CLAIM
      Transmission Status Report by Claim
            ILC A/R soon to be obsolete report.

ABSP UNBILLABLE DRUG
      Enter/edit unbillable drug names
            Define billable / unbillable status in terms of drug name.

ABSP UNBILLABLE MENU
      Unbillable/Billable POS items menu
            Menu

ABSP UNBILLABLE NDC
      Enter/edit unbillable NDC #s
            Define billable / unbillable status in terms of NDC #

ABSP UNBILLABLE OTC
      Set billable status of OTC drugs
            Define whether OTC drugs are considered to be billable.

ABSP UPDATE REPORT MASTER FILE
      Update Report Master File for a date ran
            In case you want to make absolutely sure that the Report Master File
agrees with the Prescription file RELEASED DATE/TIME for every prescription in a
date range that you specify, use this option to recompute the Report Master File
data.  Otherwise, some Prescription file changes in RELEASED DATE/TIME and RETURNED
TO STOCK, and some Point of Sale changes, such as late reversals, may not be
accurately reflected in the reports.

ABSP USER MENU
      Pharmacy POS User Menu
            Menu

ABSP USER PREFERENCES
      Display user preference settings
            Print file 9002313.515

ABSP USER SCREEN
      Claims data entry screen...
            List Manager screen - the big one - displays status of claims, has
protocols for data entry, resubmitting, reversing, etc.

ABSP VOLUME SURVEY
      Survey of volume
            Count "AL" released prescriptions and "AJ" canceled. Tallies by day, by
week, by grand total. Useful in pre-installation, for curiosity.

ABSP WRITEOFF SELECTION
      Write-offs Selection Screen
            ILC A/R only - characterize accounts you'd like to write off.
ABSPMENU
      Pharmacy Point of Sale
The main menu
```

8.0   Archiving and Purging

8.1   Log Files

About once every 10,000 transactions, Point of Sale schedules a task to winnow log files during the wee hours of the morning. By default, it deletes log files over 100 days. The exact number of days is a parameter stored in file 9002313.99 field #2341.03.

8.2   Rest of the Data

A winnowing program is available for testing. DO MAIN^ABSPOSK, preferably after having done a backup. Pending a successful test, permanent automatic purging may be put into the Manager menu tree in a future release.

9.0   External Relations

This package calls the following documented entry points:

Routine	Is Invoked By:
^%DT	ABSPECFM,ABSPOSID,ABSPOSIZ,ABSPOSQ1, ABSPOSQ2,ABSPOSQ3,ABSPOSR1,ABSPOSRX, ABSPOSU1
DD^%DT	ABSPECFM,ABSPOSN5
^%DTC	ABSPOSB0,ABSPOSK1,ABSPOSU1,ABSPOSZ
C^%DTC	ABSPOS25,ABSPOS31,ABSPOS32,ABSPOS35,ABSPOSB0, ABSPOSPW,ABSPOSU1,ABSPOSUA,ABSPOSUD
H^%DTC	ABSPOS2,ABSPOS35,ABSPOSUA,ABSPOSUD,ABSPOSX
NOW^%DTC	ABSPOS,ABSPOS2,ABSPOS2A,ABSPOS6D,ABSPOS6I, ABSPOSAQ, ABSPOSB,ABSPOSB0,ABSPOSBL, ABSPOSIV,ABSPOSIY,ABSPOSIZ,ABSPOSK1, ABSPOSL,ABSPOSM1, ABSPOSPW,ABSPOSQ, ABSPOSQ2,ABSPOSQ3,ABSPOSQ4,ABSPOSQJ, ABSPOSRX,ABSPOSU1,ABSPOSU8,ABSPOSUA, ABSPOSUB, ABSPOSUD
YMD^%DTC	ABSPOSK1,ABSPOSUA
YX^%DTC	ABSPOS,ABSPOSXE
^%ZIS	ABSPECR0,ABSPECR1,ABSPER10,ABSPOS31,ABSPOS32, ABSPOS33,ABSPOS34,ABSPOS35,ABSPOS6M, ABSPOSBA, ABSPOSBL,ABSPOSL1,ABSPOSN6, ABSPOSN7, ABSPOSR1,ABSPOSS1,ABSPOSU6, ABSPOSU8,ABSPOSX
HOME^%ZIS	ABSPECZ2,ABSPECZ3,ABSPER10,ABSPER20, ABSPER30, ABSPER40,ABSPOSU8
^%ZISC	ABSPECR0,ABSPECR1,ABSPER10,ABSPER20,ABSPER30, ABSPER40,ABSPOS31,ABSPOS32,ABSPOS33, ABSPOS34, ABSPOS35,ABSPOS6M,ABSPOSBA,ABSPOSBL, ABSPOSL1, ABSPOSN1,ABSPOSN6, ABSPOSR1, ABSPOSU5, ABSPOSU6,ABSPOSX
ENDR^%ZISS	ABSPMHDR
^%ZTLOAD	ABSPOSBD,ABSPOSIZ,ABSPOSQ1,ABSPOSQ2, ABSPOSQ3,ABSPOSR1,ABSPOSRX,ABSPOSU, ABSPOSU8
EN^ABSB1592	ABSPOSN1
^ABSBMAKE	ABSPOSBM
^ABSBVCN	ABSPOSQD
^BARDIE	ABSPOSBB
INIT^BARUTL	ABSPOSBB
BARSPAR^BARUTL0	ABSPOSBB
^DDS	ABSPOSI,ABSPOSP2,ABSPOSPW

Routine	Is Invoked By:
HLP^DDSUTL	ABSPOSI,ABSPOSI1,ABSPOSI2,ABSPOSID
REFRESH^DDSUTL	ABSPOSI1,ABSPOSID,ABSPOSIF
UNED^DDSUTL	ABSPOSI1,ABSPOSI7,ABSPOSIB
$$GET^DDSVAL	ABSPOSI1,ABSPOSI2,ABSPOSI7,ABSPOSI8,ABSPOSIB, ABSPOSID,ABSPOSIO,ABSPOSIP,ABSPOSPW, ABSPOSQP
PUT^DDSVAL	ABSPOSI1,ABSPOSI2,ABSPOSI7,ABSPOSI8, ABSPOSID,ABSPOSIO,ABSPOSIP,ABSPOSPW, ABSPOSQP
^DIC	ABSPECA8,ABSPOS6J,ABSPOSBB,ABSPOSC1, ABSPOSCE,ABSPOSI1,ABSPOSI2,ABSPOSIF,ABSPOSIV, ABSPOSN1,ABSPOSQL,ABSPOSQQ,ABSPOSS, ABSPOSU6,ABSPOSUT
$$FIND1^DIC	ABSPOSIZ,ABSPOSO2,ABSPOSZ
WAIT^DICD	ABSPOSU8
FILE^DICN	ABSPOSB,ABSPOSB3,ABSPOSB4,ABSPOSBB
YN^DICN	ABSPOSN7
DT^DICRW	ABSPECZ2,ABSPECZ3,ABSPER10,ABSPER20, ABSPER30,ABSPER40,ABSPOS29,ABSPOSU1
$$GET1^DID	ABSPECR2
FIELD^DID	ABSPOSK
^DIE	ABSPECA8,ABSPOS2A,ABSPOS6D,ABSPOS6L, ABSPOSB3,ABSPOSBB,ABSPOSBM,ABSPOSC2, ABSPOSC3,ABSPOSCA,ABSPOSK1,ABSPOSO2, ABSPOSQ3,ABSPOSQJ,ABSPOSQL,ABSPOSQQ, ABSPOSS,ABSPOSS5,ABSPOSS8,ABSPOSU
FILE^DIE	ABSPOSBB,ABSPOSBC,ABSPOSBU,ABSPOSC4, ABSPOSI,ABSPOSIV,ABSPOSIY,ABSPOSIZ,ABSPOSK1, ABSPOSM1,ABSPOSO2,ABSPOSP, ABSPOSP1, ABSPOSQB,ABSPOSR1,ABSPOSZ
UPDATE^DIE	ABSPOSBF,ABSPOSC4,ABSPOSI,ABSPOSIZ, ABSPOSM1,ABSPOSO2,ABSPOSP,ABSPOSQD, ABSPOSS8,ABSPOSZ
WP^DIE	ABSPOSBF,ABSPOSQH,ABSPOSQL
^DIK	ABSPOSZA
IX^DIK	ABSPOS2A
IX1^DIK	ABSPOS29,ABSPOSBB,ABSPOSCE,ABSPOSU
IXALL^DIK	ABSPOSZA
$$ROOT^DILFD	ABSPOSK1
EN1^DIP	ABSPOSC4,ABSPOSPW,ABSPOSS2
$$GET1^DIQ	ABSPECR2,ABSPOSA,ABSPOSBB,ABSPOSIZ, ABSPOSK,ABSPOSK1,ABSPOSM1,ABSPOSM2, ABSPOSO2,ABSPOSP,ABSPOSR1,ABSPOSS2 ABSPOSX
EN^DIQ	ABSPOSR1,ABSPOSS

Routine	Is Invoked By:
GETS^DIQ	ABSPOSS1
EN^DIQ1	ABSPECA8,ABSPECP1,ABSPECX0,ABSPECZA, ABSPOS2,ABSPOSPW
^DIR	ABSPER10,ABSPOSC4,ABSPOSID,ABSPOSN5, ABSPOSN7,ABSPOSU1,ABSPOSU2,ABSPOSU3, ABSPOSU5,ABSPOSU6,ABSPOSU8
EN^VALM	ABSPOS2,ABSPOS6A
TERM^VALM0	ABSPOS6C
$$SETFLD^VALM1	ABSPOS6H
$$SETSTR^VALM1	ABSPOS2B,ABSPOS2C
FULL^VALM1	ABSPOS2,ABSPOS2A,ABSPOS6A,ABSPOS6C,ABSPOS6D, ABSPOS6J,ABSPOS6K,ABSPOSI
CLEAN^VALM10	ABSPOS2,ABSPOS6A
FLDTEXT^VALM10	ABSPOS6I
MSG^VALM10	ABSPOS2,ABSPOS6H,ABSPOS6I
SET^VALM10	ABSPOS2B,ABSPOS2C,ABSPOS6H,ABSPOS6I
WRITE^VALM10	ABSPOS2B,ABSPOS2C,ABSPOS6H,ABSPOS6I
EN^VALM2	ABSPOS6D
XBDBQUE	ABSPER10,ABSPER20,ABSPER30,ABSPER40
$$DIC^XBDIQ1	ABSPOSBB
$$READ^XGKB	ABSPOS2,ABSPOS6I
$$REPEAT^XLFSTR	ABSPMHDR
DISP^XQORM1	ABSPOS2,ABSPOS6A
$$Z^ZIBNSSV	ABSPOS

10.0   Internal Relations

All users should be given access to the appropriate options and keys as needed.

11.0   OnLine Documentation

The file number range for this package is 9002313–9002313.999.

The namespace is ABSP.

All templates, routines, screen forms, etc. begin with ABSP.

This section describes some of the methods by which users can generate system technical documentation. Online technical documentation, in addition to that which is located in the help prompts and on the help screens throughout the Health Summary package, can be generated through the use of several Kernel options. These include, but are not limited to, the following:

- %INDEX
- Menu Management
- Inquire Option
- Print Option File
- VA FileMan
- Data Dictionary Utilities
- List File Attributes

Entering question marks at the "Select...Option" prompts can also provide valuable technical information. For example, a single question mark (?) lists all options that can be accessed from the current option. Entering two question marks (??) lists all options accessible from the current one, showing the formal name and lock for each. Three question marks (???) displays a brief description for each option in a menu, whereas an option name preceded by a question mark (?OPTION) shows extended help, if available, for that option.

For a more exhaustive option listing and further information about other utilities that supply online technical information, consult the DHCP Kernel Reference manual.

11.1   %INDEX

This option analyzes the structure of a routine to determine in part if the routine adheres to RPMS Programming Standards. The %INDEX output can include the following components:

- Compiled list of errors and warnings

- Routine listing

- Local variables

- Global variables

- Naked globals

- Label references

- External references

By running %INDEX for a specified set of routines, you are afforded the opportunity to discover any deviations from RPMS Programming Standards that exist in the selected routines and to see how routines interact with one another (i.e., which routines call or are called by other routines).

To run %INDEX for the Health Summary package, specify the ABSP namespace at the Routine(s)?> prompt.

> **Note:** Health Summary initialization routines that reside in the
> UCI in which %INDEX is being run, compiled template
> routines, and local routines found within the APCD
> namespace should be omitted at the Routine(s)?> prompt.
> To omit routines from selection, preface the namespace
> with a minus sign (-).

11.2   Inquire Option

This menu management option provides the following information about a specified option:

- Option name

- Menu text

- Option description

- Type of option

- Lock (if any)

In addition, all items on the menu are listed for each menu option. To secure information about Health Summary options, you must specify the APCD namespace.

11.3   Print Option File

This utility generates a listing of options from the Option file (#19). You can choose to print all of the entries in this file or you can specify a single option or range of options. For a list of POS options, refer to the Exported Options section of this manual.

11.4   List File Attributes

This VA FileMan option allows you to generate documentation pertaining to files and file structure. Using the Standard format of this option yields the following data dictionary information for a specified file:

- File name and description

- Identifiers

- Cross-references

- Files pointed to by the file specified

- Files that point to the file specified

- Input, print, and sort templates

In addition, the following applicable data is supplied for each field in the file:

- Field name, number, title, and description

- Global location

- Help prompt

- Cross-references

- Input transform

- Date last edited

- Notes

Using the Global Map format of this option generates an output that lists the following information:

- All cross-references for the file selected

- Global location of each field in the file

- Input, print, and sort templates

For a comprehensive listing of POS package files, please refer to the Files section of this manual.

12.0   SAC Requirements/Exemptions

12.1   ABSPOSA*

12.1.1   Low-Level Communications

Direct use of open, use, read, write, close commands occurs in the ABSPOSA namespace for both modems and tcp connections.

12.1.2   MSM-SPECIFIC

Cache support may come in a future release or perhaps as part of a major patch.

12.2   Other ^XINDEX Complaints

12.2.1   D LABEL^ROU(…,param n,,param n+2,…)

^XINDEX reports errors when optional parameters are omitted. ABSP* contains several uses of this construct.

Example: DO FILE^DIE(,"FDA","MSG")

12.2.2   Q with Argument after Intervening Label

Example: L2+1^ABSPOSID

12.2.3   ABSPOS97

This is a routine which demonstrates a change in functionality between MSM for Windows NT Version 4.3.2 and Version 4.4.0. It is not reachable from any option.

Somehow, error trapping behavior has changed. It doesn't work the same way.

Without proper error trapping, certain <DSCON> errors deep inside the modem code may cause claims to be lost. This should be a rare occurrence. If it does happen, the work around is to

1. List possibly stranded claims.

2. Unstrand the claims.

3. Resubmit the claims.

12.3   absposb*

Code which interfaces to the ILC A/R package is still under development and is subject to some changes beyond the usual patching. These changes affect only the parts of ABSP* which are *not* reached by non-ILC A/R sites. The reason for this exemption is that no ILC A/R users were included in the alpha test of this product.

All such changes should be complete by the end of Beta testing, assuming that a suitable test sites are found for both Version 1 (FSI A/R) and Version 2 (ILC A/R) interfaces.

13.0   Glossary

Archiving

The storing of historical or little-used data off-line (often on tape).

Callable Entry Points

Places in a routine that can be called from an application program.

Cross-reference

An indexing method whereby files can include pre-sorted lists of entries as part of the stored database. Cross-references (x-refs) facilitate look-up and reporting.

Entry Point

Entry point within a routine that is referenced by a "DO" or "GOTO" command from a routine internal to a package.

File

A set of related records or entries treated as a single unit.

FileMan

The database management system for RPMS.

Global

In MUMPS, refers to a variable stored on disk (global variable) or the array to which the global variable may belong (global array).

INDEX (%INDEX)

A Kernel utility used to verify routines and other MUMPS code associated with a package. Checking is done according to current ANSI MUMPS standards and RPMS programming standards. This tool can be invoked through an option or from direct mode (>D ^%INDEX).

Internal Entry Number (IEN)

The number used to identify an entry within a file. Every record has a unique internal entry number.

Kernel

The set of MUMPS software utilities that function as an intermediary between the host operating system and application packages, such as Laboratory and Pharmacy. The Kernel provides a standard and consistent user and programmer interface between application packages and the underlying MUMPS implementation. These utilities provide the foundation for RPMS.

Menu

A list of choices for computing activity. A menu is a type of option designed to identify a series of items (other options) for presentation to the user for selection. When displayed, menu-type options are preceded by the word "Select" and followed by the word "option" as in Select Menu Management option: (the menu's select prompt).

Namespace

A unique set of 2 to 4 alpha characters that are assigned by the database administrator to a software application.

Option

An entry in the Option file. As an item on a menu, an option provides an opportunity for users to select it, thereby invoking the associated computing activity. Options may also be scheduled to run in the background, non-interactively, by TaskMan.

Routine

A program or sequence of instructions called by a program that may have some general or frequent use. MUMPS routines are groups of program lines that are saved, loaded, and called as a single unit via a specific name.