

INPATIENT MEDICATIONS

TECHNICAL MANUAL/ SECURITY GUIDE

Version 5.0 December 1997

(Revised April 2013)

Revision History

Each time this manual is updated, the Title Page lists the new revised date and this page describes the changes. If the Revised Pages column lists "All," replace the existing manual with the reissued manual. If the Revised Pages column lists individual entries (e.g., 25, 32), either update the existing manual with the Change Pages Document or print the entire new manual.

Date	Revised Pages	Patch Number	Description
04/2013	i-iii, 23, 23a-23b, 29, 32, 32a-32b 47-50	PSJ*5*275	Added new Templates, new Option and updated Routines (R. Singer, PM; B. Thomas, Tech Writer)
01/2013	i-ii 23 25 32 47-48 69-70b 86 94a 118 120-122	PSJ*5*260, PSJ*5*268	Updated Revision History Updated Routines: PSJADM, PSJCLNOC, PSJDGAL2, PSJDGCK, PSJOEA2, PSJUTL5 Sentence reworded by CPS Added option PSJ CHECK DRUG INTERACTION Added new Protocols Fix page numbering to eliminate pages with number 70 Changed wording in Section 14.5 Added Integration Agreement Added three new Hidden Actions Added BSA, CrCL, & DATUP to the Glossary
12/2012	i-ii, vi-vii, 81-82, 82a- 82b	PSJ*5*284	(D. McCance-PM, S. Heiress-Tech Writer) Added instructions for editing the Device File for ATC Device to use Network Channel. (A. Scott, PM; G. Werner, Tech Writer)
09/2012	i, 21-23, 69, 94a	PSJ*5*267	Added new Routine Added new API Added new Integration Agreement (R. Singer, PM; B. Thomas, Tech Writer)
01/2012	i-ii <u>,</u> v-viii 22, 23 69 94	PSJ*5*254	Updated Table of Contents Updated Routines Added API Added 5653 and 5654 Inpatient Medications Integration Agreements (R. Singer PM, C Bernier Tech Writer)
04/2011	i, v, vi, vii, vii, 5- 8b,	PSJ*5*181	Changes to <i>Revision History</i> , <i>Table of Contents</i> ; added new field to PHARMACY SYSTEM File (#59.7), added new field to the INPATIENT WARD PARAMETERS File (#59.6). Added

i

Date	Revised Pages	Patch Number	Description
	(changed flow) 22, 23, 24, removed 25-26, changed 53, 85, 86, 93-94;94a-b, 121130		information re: the Pharmacy Reengineering (PRE) API Manual under "Callable Routines"; removed entire section 5.3, Routine Mapping, and all its sub-sections; added Health Level Seven (HL7) data field under segment { RXC}. Added the following "Inpatient Medications Custodial Integration Agreements": 4074, 4264, 4580, 5001, 5057; 5058, 5306, 5385. Added two packages, HWSC and VistaLink, to External Relationships, under Packages Needed to Run Inpatient Medications. Added the following call routines and their entry points: OROCAPI, PSSDSAPD, PSSDSAPI, PSSFDBRT, PSODDPR4, PSODRDU2. Added the items DATUP, MOCHA, PECS, and PEPS in Glossary, which shifted all subsequent glossary items. Added routines PSJMISC2 &PSJOCVAR to the routines table and removed Section 5.3 Jim Pollard (PM), Bill Tatum (developer), Marella Colyvas (Tech Writer)
02/11	i, 53, 62, 64, 65	PSJ*5*226	Added to RXC section Field 5, "Additive Frequency" in HL7 Ordering Fields; updated Front Door – IV Fluids table with Field 5; updated Back Door – IV Fluids table with Field 5; updated example.
			(M. Vo/B. Tatum, Developers; M. Colyvas, Technical Writer)
06/10	i, 22-23	PSJ*5*113	Added routine PSGSICH1. (R. Singer, DM; B. Thomas, Tech. Writer)
02/10	<u>i</u> , 23	PSJ*5*214	Added PSJQUTIL to the routine list in Section 5.1 for Patients on Specific Drug(s) Multidivisional Enhancements Project. (C. Willette, DM; R. Silverman/D. Dertien, Tech Writer)
12/09	22-23	PSJ*5*222	Added routine PSGOEF2. (E. Wright, PM; S. B. Gilbert, Tech Writer)
08/08	vi, 23, 51- 53, 57-58, 60-61, 63, 65, 65a- 65b	PSJ*5*134	Parameters for escaping special characters added. New HL7 messages added. New routines added. HL7 order fields table contains an asterisk for each field that has special escaping characters. (S. Templeton, PM; G. O'Connor, Tech. Writer)
02/07	74-76	PSJ*5*178	MED ROUTE now appears in larger font on IV labels from the Zebra bar code printer. Med ROUTE now prints on the IV labels for bar-code enabled printers, and it prints in larger font than surrounding text. (R. Singer, PM; E. Phelps, Tech. Writer)
09/06	23, 94	PSJ*5*172	Encapsulation Cycle II project: Added PSJ53P1 to the Routine List in Section 5.1. Added DBIA 4537 to DBIA list. Changed the date on the Title Page to December 1997.

Date	Revised Pages	Patch Number	Description
			(H. Whitley, PM; L. Woodson, TW)
05/06	v-viii 8a-8b	PSJ*5*154	In Section 2.2.2 Added "PRIORITIES FOR NOTIFICATION" field.
	66-68b		In Section 9.5, made correction to include the priority of ASAP in notifications. Added information regarding the three notifications parameters.
			(C. Greening, PM; T. Dawson, Tech. Writer)
12/2005	23	PSJ*5*146	Remote Data Interoperability (RDI) Project: Added PSJLMUT2 to the Routine List in Section 5.1.
			(E. Williamson, PM; M. Newman, Tech. Writer)
11/2005	All	PSJ*5*163	Encapsulation Cycle II project: Added PSJ59P5 to the Routine List in Section 5.1. Added DBIA 4819 to DBIA list. Deleted DBIAs 172, 634, and 1882 from the DBIA list.
			Reissued entire document due to a page numbering issue.
			(H. Whitley, PM; L. Woodson, TW)

PSIVUTL	PSIVUTL1	PSIVUWL	PSIVVW1
PSIVWCR	PSIVWCR1	PSIVWL	PSIVWL1
PSIVWRP	PSIVXREF	PSIVXU	PSJ53P1
PSJ59P5	PSJAC	PSJADM	PSJADT
PSJADT0	PSJADT1	PSJADT2	PSJALG
PSJAPIDS	PSJBCMA	PSJBCMA1	PSJBCMA2
PSJBCMA3	PSJBCMA4	PSJBCMA5	PSJBLDOC
PSJCLNOC	PSJCLOR	PSJCLOR1	PSJCLOR2
PSJCLOR3	PSJCLOR4	PSJCLOR5	PSJCOM
PSJCOM1	PSJCOMR	PSJCOMV	PSJDCHK
PSJDCU	PSJDDUT	PSJDDUT2	PSJDDUT3
PSJDEA	PSJDGAL	PSJDGAL2	PSJDGCK
PSJDIN	PSJDOSE	PSJDPT	PSJEEU
PSJEEU0	PSJENV	PSJEXP	PSJEXP0
PSJFTR	PSJGMRA	PSJH1	PSJHEAD
PSJHEH	PSJHIS	PSJHL10	PSJHL11
PSJHL2	PSJHL3	PSJHL4	PSJHL5
PSJHL6	PSJHL7	PSJHL9	PSJHLERR
PSJHLU	PSJHLV	PSJHVARS	PSJLIACT
PSJLIFN	PSJLIFNI	PSJLIORD	PSJLIPRF
PSJLIUTL	PSJLIVFD	PSJLIVMD	PSJLMAL
PSJLMDA	PSJLMGUD	PSJLMHED	PSJLMPRI
PSJLMPRU	PSJLMUDE	PSJLMUT1	PSJLMUT2
PSJLMUTL	PSJLOAD	PSJLOI	PSJMAI
PSJMAI1	PSJMDIR	PSJMDIR1	PSJMDWS
PSJMEDS	PSJMISC	PSJMISC2	PSJMIV
PSJMON	PSJMP	PSJMPEND	PSJMPRT
PSJMPRTU	PSJMUTL	PSJNTEG	PSJNTEG0
PSJNTEG1	PSJO	PSJO1	PSJO2
PSJO3	PSJOC	PSJOCDC	PSJOCDI
PSJOCDS	PSJOCDSD	PSJOCDT	PSJOCERR
PSJOCOR	PSJOCVAR	PSJOE	PSJOE0
PSJOE1	PSJOEA	PSJOEA1	PSJOEA2
PSJOEEW	PSJOERI	PSJORAPI	PSJORDA
PSJOREN	PSJORMA1	PSJORMA2	PSJORMAR
PSJORP2	PSJORPOE	PSJORRE	PSJORRE1
PSJORREN	PSJORRN	PSJORRN1	PSJORUT2
PSJORUTL	PSJORRO	PSJP	PSJPATMR
PSJPDIR	PSJPDV	PSJPDV0	PSJPDV1
PSJPL0	PSJPR	PSJPR0	PSJPST50
PSJPXRM1	PSJQPR	PSJQUTIL	PSJRXI

DCICDII	DOLL ITTLE	
	I PSIIITI 5	
IDJDIU	11330123	

The following routines are not used in this version of Inpatient Medications. They were exported in the initial Kernel Installation and Distribution System (KIDS) build as Delete at Site.

PSGDCR	PSGDCT0	PSGEXP	PSGEXP0
PSGMMPST	PSGOROE0	PSGORU	PSGQOS
PSIVNVO	PSIVOEDO	PSIVOENT	PSIVOEPT
PSIVRD0	PSIVRD0	PSJMAN	PSJOAC
PSJOAC0	PSJOE8	PSJOE81	PSJOEE
PSJOER	PSJOER0	PSJORA	PSJORIN
PSJUTL	PSJUTL1	PSJUTL2	PSJUTL3

5.2. Callable Routines

Entry points provided by the Inpatient Medications package to other packages can be found in the External Relationships section of this manual. No other routines are designated as callable from outside of this package. Additional information on other external calls and their entry points can be found on the VA Software Document Library (VDL). Under the Clinical Section select the Pharm: Inpatient Medications page and then select the "API Manual - Pharmacy Reengineering (PRE)".

5.2.1. Deleting Inpatient Routines

- Since this initial version is distributed using KIDS, the transport global is automatically deleted after the install. If the plan is to delete existing Inpatient Medications routines before loading V. 5.0, be sure not to delete PSGW* (Ward Stock) routines. These routines are not included as part of Inpatient Medications.
- The following Inpatient Medications routines were sent with a past version of the Kernel, and are no longer needed. They can be deleted.
 - PSGZ1TSK
 - PSGZ2TSK
 - PSIVZTSK

Note: It is okay if any of these routines are missing, because they are no longer used.

6.3. List Templates

PSJ LM ALLERGY DETAIL

PSJ LM ALLERGY DISPL

PSJ LM BRIEF PATIENT INFO

PSJ LM CLINIC ORDERS

PSJ LM DETAILED ALLERGY

PSJ LM IV AC/EDIT

PSJ LM IV DISPLAY

PSJ LM IV INPT ACTIVE

PSJ LM IV INPT DISPLAY

PSJ LM IV INPT PENDING

PSJ LM IV LABELS

PSJ LM IV OE

PSJ LM IV PENDING

PSJ LM IV PROFILE

PSJ LM IV RETURN LABELS

PSJ LM OE

PSJ LM OE DISPLAY

PSJ LM PENDING EDIT

PSJ LM PNV

PSJ LM UD ACTION

PSJU LM ACCEPT

PSJU LM OE

Example: How to Print List Templates using VA FileMan

```
VA FileMan 22.0
Select OPTION: INQUIRE TO FILE ENTRIES
OUTPUT FROM WHAT FILE: OPTION// LIST TEMPLATE
                                                     (62 entries)
Select LIST TEMPLATE NAME: PSJ LM ALLERGY DETAIL
ANOTHER ONE: <Enter>
STANDARD CAPTIONED OUTPUT? Yes// <Enter> (Yes)
Include COMPUTED fields: (N/Y/R/B): NO// <Enter> - No record number (IEN), no Computed Fields
NAME: PSJ LM ALLERGY DETAIL
                                          TYPE OF LIST: PROTOCOL
  RIGHT MARGIN: 80
                                          TOP MARGIN: 8
  BOTTOM MARGIN: 20
                                          OK TO TRANSPORT?: OK
  USE CURSOR CONTROL: YES
  PROTOCOL MENU: PSJ LM DETAILED ALLERGY MENU
  SCREEN TITLE: DETAILED ALLERGY VIEW ALLOWABLE NUMBER OF ACTIONS: 2
AUTOMATIC DEFAULTS: YES HIDDEN ACTION MENU: VALM HIDDEN ACTIONS
  ARRAY NAME: ^TMP("PSJAL",$J)
  EXIT CODE: D DISALL^PSJLMUTL(DFN) S VALMBCK="Q" K ^TMP("PSJALLRG", $J)
  HEADER CODE: D HDR^PSJLMHED(DFN)
                                         HELP CODE: D HELP^PSJALG
  ENTRY CODE: D DETAIL^PSJALG
```

7. Exported Options

7.1. Stand-alone Options

All of the Inpatient Medications package options are designed to stand-alone and can be accessed without first accessing the top-level menu. All of the options can be placed on menus other than their original menu without any additional editing.

7.2. Top-level Menus

There is no top-level menu for Inpatient Medications. The Inpatient Medications options are included in the IV and Unit Dose top-level menus.

7.2.1. Menu Assignment

Assign the following menus to the Inpatient Medications users:

PSJU MGR	This is the only Unit Dose Medications menu, and is to be assigned to all Unit Dose users.
PSJI MGR	This IV Medications menu is to be assigned to the pharmacists, inpatient supervisors, and package coordinators.
PSJI USR1	This IV Medications menu is to be assigned to the nurses.
PSJI USR2	This IV Medications menu is to be assigned to the pharmacy technicians.

7.2.2. Menu Placement

It is strongly recommended that the user <u>does not</u> place the Inpatient Medications (IV and Unit Dose) menus under the Outpatient Pharmacy menu. It is suggested that they be placed on the same menu as the Outpatient Pharmacy menu instead.

Although it has been common practice to place the Inpatient Medications top-level menus under the Outpatient Pharmacy menu, this can cause <STORE> errors.

7.3. Options

The following options are exported with the Inpatient Medications package:

Option Name Menu Text

PSJ AC SET-UP AUto-Discontinue Set-Up

PSJ CD Clinic Definition

PSJ CHECK DRUG INTERACTION Check Drug Interaction

PSJ ECO Edit Clinic Med Orders Start Date/Time

PSJ EXP INpatient Stop Order Notices

PSJ EXTP Patient Profile (Extended)

PSJ IWP EDIT Inpatient Ward Parameters Edit

PSJ MDWS Medications Due Worksheet

PSJ OAOPT Order Action on Patient Transfer

PSJ OE Inpatient Order Entry

PSJ PARAM EDIT MENU PARameters Edit Menu

PSJ PDV Patients on Specific Drug(s)

PSJ PR Inpatient Profile

PSJ SEUP Inpatient User Parameters Edit

PSJ SYS EDIT Systems Parameters Edit

PSJ UD ALIGN LABEL Align Unit Dose Labels

PSJ UEUP Edit Inpatient User Parameters

PSJI 200 Correct Changed Names in IV Orders

PSJI ACTIVE Active Order List (IV)

PSJI ALIGNMENT

Align Labels (IV)

9.3. Protocol Descriptions

The Inpatient Medications package sends the following protocols for use in V. 5.0. These protocols are automatically installed when the Inpatient Medications initial installation is run.

The protocols with "PAT" as part of their name assume that the patient has already been selected through CPRS before the protocol is selected. The other protocols will prompt the user for patients.

Protocol Name	Item Text
DCI DICDI AV DDIJO ALI EDGIEG	Disales Dans Allensies
PSJ DISPLAY DRUG ALLERGIES	Display Drug Allergies
PSJ LM 14D MAR	14 Day MAR 24 Hour MAR
PSJ LM 24H MAR	
PSJ LM 7D MAR	7 Day MAR Action Profile #1
PSJ LM AP1 PSJ LM AP2	Action Profile #2
PSJ LM APZ PSJ LM BPI HIDDEN ACTIONS	Brief Patient Info Hidden Actions Menu
PSJ LM BRIEF PATIENT INFO MENU	
PSJ LM BYPASS	Brief Allergy Display
PSJ LM CWAD	Bypass CWAD Information
PSJ LM CWAD PSJ LM DC	Discontinue
PSJ LM DC PSJ LM DETAILED ALLERGY	Detailed Allergy/ADR List
PSJ LM DETAILED ALLERGY MENU	ALLERGY/ADR LIST MENU
PSJ LM DIN	Drug Restriction/Guideline
PSJ LM DRUG CHECK	Check Interactions
PSJ LM ECO HIDDEN ACTIONS	Clinic Order Hidden Actions Menu
PSJ LM ECO IM PR	Inpatient Medications Profile
PSJ LM ECO MENU	Clinic Order Edit Start Date/Time
PSJ LM ECO RANGE	Date Range
PSJ LM ECO SELECT	Edit Start Date
PSJ LM ECO START	Edit Start Date
PSJ LM EDIT ALLERGY/ADR DATA	Enter/Edit Allergy/ADR Data
PSJ LM EDIT NEW	Zinter/Zant i mergy/i izit zuna
PSJ LM EXTP	Patient Profile (Extended)
PSJ LM FINISH	Finish
PSJ LM FINISH MENU	
PSJ LM FLAG	Flag
PSJ LM HOLD	Hold
PSJ LM INTERVENTION DELETE	Delete Pharmacy Intervention
PSJ LM INTERVENTION EDIT	Edit Pharmacy Intervention
PSJ LM INTERVENTION NEW ENTRY	Enter Pharmacy Intervention
PSJ LM INTERVENTION PRINTOUT	Print Pharmacy Intervention
PSJ LM INTERVENTION VIEW	View Pharmacy Intervention
PSJ LM IV NEW SELECT ORDER	-
PSJ LM IV OE MENU	IV ORDER ENTRY MENU

<u>Protocol Name</u> <u>Item Text</u>

PSJ LM IV SELECT ORDER Select Order

PSJ LM LABEL PRINT/REPRINT MENU Label Print/Reprint

PSJ LM MAR MENU MAR Menu

PSJ LM MDWS Medications Due Worksheet

PSJ LM NEW ORDER New Order Entry
PSJ LM NEW ORDER FROM PROFILE New Order Entry

PSJ LM NEW SELECT ALLERGY PSJ LM NEW SELECT ORDER

PSJ LM OE MENU ORDER ENTRY MENU

PSJ LM ORDER VIEW HIDDEN Order View Hidden Actions Menu

ACTIONS

PSJ LM OTHER PHARMACY OPTIONS
PSJ LM OVERRIDES
Overrides/Interventions
PSJ LM PAT PR
Inpatient Medications Profile

PSJ LM PATIENT DATA
Patient Record Update
PSJ LM PATIENT INFO
PSJ LM PENDING ACTION
Pending Order Actions

PSJ LM PHARMACY INTERVENTION Pharmacy Intervention Menu

MENU

PSJ LM PNV JUMP Jump to a Patient

PSJ LM PRINT OUTPATIENT PROFILE Outpatient Prescriptions
PSJ LM PROFILE HIDDEN ACTIONS Profile Hidden Actions Menu

PSJ LM PROFILE MENU Patient Profiles

PSJ LM RETURNS/DESTROYED MENU Returns/Destroyed Menu

PSJ LM SELECT ORDER
PSJ LM SHOW PROFILE
PSJ LM VIEW ORDER DETAIL
View Order Detail

PSJ OR MENU Inpatient Medications Ward Reports

PSJ OR PAT ADT Inpatient Medications Actions on Patient ADT

PSJ OR PAT MENU Inpatient Medications Patient Reports

PSJ OR PAT OE Inpatient Medications
PSJ OR PAT OE MENU Inpatient Medications

PSJ OR PAT PR

PSJ OR PAT PR MENU

Inpatient Medications Profile
Inpatient Medications Profile
Inpatient Medications Profile
Inpatient Medications Profile
PSJ PC IV AC/EDIT ACTION

IV ACCEPT EDIT ACTIONS

PSJ PC IV ACCEPT Accept
PSJ PC IV CANCELLED Cancelled
PSJ PC IV DESTROYED Destroyed

PSJ PC IV LABELS ACTION INDIVIDUAL IV LABEL ACTIONS

PSJ PC IV LOG Activity Logs

PSJ PC IV NEW LABELS PRINT NEW IV LABELS

PSJ PC IV RECYCLED Recycled

<u>Protocol Name</u> <u>Item Text</u>

PSJ PC IV REPRINT LABELS Reprint IV label(s)

PSJ PC RETURN IV LABELS ACTION RETURN IV LABELS ACTIONS

PSJ SELECT ALLERGY Select Allergy

PSJI LM ACTIVE MENU IV Active Order Actions

PSJI LM ACTIVITY LOG

PSJI LM ALIGNMENT

PSJI LM DISCONTINUE

View Activity Log

Align Labels (IV)

Discontinue

PSJI LM EDIT Edit PSJI LM FINISH Finish

PSJI LM LABEL LOG View Label Log
PSJI LM LBLI Individual Labels (IV)

PSJI LM LBLR Reprint Scheduled Labels (IV)

PSJI LM LBLS

PSJI LM LOG MENU

PSJI LM PAT PR

PSJI LM PENDING ACTION

PSJI LM RETURNS

Scheduled Labels (IV)

IV Profile Log Menu

IV Medications Profile

IV Pending Order Actions

Returns/Destroyed Entry (IV)

PSJI OR PAT FLUID OE IV Fluids
PSJI OR PAT FLUID OE MENU IV FLUIDS...
PSJI OR PAT HYPERAL OE IV Hyperal

PSJI OR PAT PR IV Medications Profile PSJI OR PR IV Medications Profile

PSJI PC HOLD Hold
PSJI PC ONCALL On Call
PSJI PC RENEWAL Renew
PSJU LM ACCEPT Accept
PSJU LM ACCEPT EDIT Edit

PSJU LM ACCEPT MENU PSJU LM ACTIONS MENU

PSJU LM ACTIVITY LOG Activity Logs

PSJU LM AL Align Labels (Unit Dose)

PSJU LM COPY Copy
PSJU LM EDIT Edit

PSJU LM HIDDEN ACTIONS UD Hidden Actions

PSJU LM HIDDEN UD ACTIONS

Unit Dose Hidden Actions

PSJU LM LABEL Label Print/Reprint

PSJU LM MARK INCOMPLETE Mark Order As Incomplete
PSJU LM MARK NOT GIVE Mark Order Not To Be Given
PSJU LM PAT PR Unit Dose Medications Profile

PSJU LM PL Pick List

PSJU LM PL MENU Pick List Menu

PSJU LM PLDP Enter Units Dispensed PSJU LM PLEUD Extra Units Dispensed

<u>Protocol Name</u> <u>Item Text</u>

PSJU LM PLRP Reprint Pick List PSJU LM PLUP Update Pick List

PSJU LM RENEW Renew

PSJU LM RET

PSJU LM SPEED DISCONTINUE

PSJU LM SPEED FINISH

PSJU LM SPEED RENEW

PSJU LM SPEED VERIFY

PSJU LM VERIFY

Report Returns (UD)

Speed Discontinue

Speed Finish

Speed Renew

Speed Verify

Verify

PSJU OR 14D MAR

14 Day MAR (Unit Dose)
PSJU OR 7D MAR

7 Day MAR (Unit Dose)

PSJU OR AP-1 Action Profile #1
PSJU OR AP-2 Action Profile #2

PSJU OR DS Authorized Absence/Discharge Summary (Unit

Dose)

PSJU OR PAT 14D MAR

PSJU OR PAT 7D MAR

PSJU OR PAT 7D MAR

7 Day MAR (Unit Dose)

Action Profile #1 (Unit Dose)

PSJU OR PAT AP-2

Action Profile #2 (Unit Dose)

PSJU OR PAT DS

PSJU OR PAT DS

Discharge Summary (Unit Dose)

PSJU OR PAT PR

Unit Dose Medications Profile

PSJU OR PAT VBW

Non-Verified Orders (Unit Dose)

PSJU OR PR Patient Profile (Unit Dose)

PSJU OR VBW Non-Verified Orders (Unit Dose)

PSJU PLATCS Send Pick List to ATC

VALM DOWN A LINE Down a Line
VALM FIRST SCREEN First Screen
VALM GOTO PAGE Go to Page

VALM HIDDEN ACTIONS Standard Hidden Actions

VALM LAST SCREEN Last Screen

VALM LEFT Shift View to Left
VALM NEXT SCREEN Next Screen

VALM PREVIOUS SCREEN Previous Screen

VALM PRINT LIST Print List
VALM PRINT SCREEN Print Screen

VALM QUIT Quit

VALM REFRESH Re-Display Screen VALM RIGHT Shift View to Right

VALM SEARCH LIST Search List

VALM TURN ON/OFF MENUS Auto-Display (On/Off)

VALM UP ONE LINE Up a Line