

**Oracle® Retail Merchandising**

Batch Schedule

Release 13.1.5.2

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Oracle Retail Merchandising Batch Schedule, Release 13.1.5.2

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Your feedback is important, and helps us to best meet your needs as a user of our products. For example:

- Are the implementation steps correct and complete?
- Did you understand the context of the procedures?
- Did you find any errors in the information?
- Does the structure of the information help you with your tasks?
- Do you need different information or graphics? If so, where, and in what format?
- Are the examples correct? Do you need more examples?

If you find any errors or have any other suggestions for improvement, then please tell us your name, the name of the company who has licensed our products, the title and part number of the documentation and the chapter, section, and page number (if available).

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# Preface

This batch schedule document details the integrated cyclical processing schedules for the Oracle Retail Merchandising applications:

- Oracle Retail Merchandising System (RMS)
- Oracle Retail Invoice Matching (ReIM)
- Oracle Retail Price Management (RPM)
- Oracle Retail Sales Audit (ReSA)
- Oracle Retail Trade Management (RTM)
- Oracle Retail Allocation

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**Note:** Although Oracle Retail Allocation is a Merchandising application, it is not represented in this batch schedule because it does not have any batch programs to run. All Allocation processing is online processing.

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This guide describes the periodic and ad hoc phases of batch processing, as well as pre- and post-processing dependencies.

## Audience

The audiences for this guide are as follows:

- Systems analysts and system operations personnel who need information about Merchandising processes, internally or in relation to systems across the enterprise
- Integrators and implementation staff who have the overall responsibility for implementing the Merchandising applications in their enterprise

## Related Documents

For more information, see the following documents for the Oracle Retail Merchandising products:

- *Oracle Retail Data Warehouse Operations Guide*
- *Oracle Retail Invoice Matching Operations Guide*
- *Oracle Retail Merchandising System Operations Guide*
- *Oracle Retail Price Management Operations Guide*

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<https://support.oracle.com>

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- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

## Review Patch Documentation

When you install the application for the first time, you install either a base release (for example, 13.1) or a later patch release (for example, 13.1.2). If you are installing the base release and additional patch and bundled hot fix releases, read the documentation for all releases that have occurred since the base release before you begin installation.

Documentation for patch and bundled hot fix releases can contain critical information related to the base release, as well as information about code changes since the base release.

## Oracle Retail Documentation on the Oracle Technology Network

Documentation is packaged with each Oracle Retail product release. Oracle Retail product documentation is also available on the following Web site:

[http://www.oracle.com/technology/documentation/oracle\\_retail.html](http://www.oracle.com/technology/documentation/oracle_retail.html)

(Data Model documents are not available through Oracle Technology Network. These documents are packaged with released code, or you can obtain them through My Oracle Support.)

Documentation should be available on this Web site within a month after a product release.

## Conventions

**Navigate:** This is a navigate statement. It tells you how to get to the start of the procedure and ends with a screen shot of the starting point and the statement “the Window Name window opens.”

This is a code sample

It is used to display examples of code

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# Introduction to Merchandising Batch Processing

This chapter is a brief introduction to Oracle Retail batch processing. It defines basic terms and concepts, describes batch processing phases, and explains how to interpret the batch schedule diagram and program list.

## Batch Processing

Batch processing is the execution of a group of batch programs (jobs). The results are returned without user intervention. Batch programs are commonly used for the following reasons:

- To process large volumes of transaction data
- To interface with external systems
- To perform internal maintenance

Batch programs can process very large quantities of data quickly and efficiently. Batch programs can perform some updates that could be performed through online transactions, but much more quickly and with less impact on system performance. Batch processing is usually scheduled for times when systems are idle or least busy.

Batch programs can be run automatically using batch scheduler software. The batch scheduler allows batch jobs to be set up in a specific order, with restrictions attached to any program as needed. If an error occurs with a batch program, an administrator must correct the error and manually rerun the batch program that failed.

## Types of Batch Programs

Oracle Retail batch programs are of several types:

- Upload programs bring data from external systems into the Oracle Retail database. For example, the `posupld` program uploads daily transactions that occur at the point of sale (POS) for processing by the Oracle Retail Management System (RMS).
- Download programs extract data from RMS and format it so it can be used by external systems. For example, the `posdnld` program extracts new and changed information about an item/location for downloading to the point of sale.
- System maintenance programs perform tasks such as updating the system date. For example, the `dtesys` program increments the system date at the end of each batch cycle.
- Functional maintenance programs process data specific to a functional area. For example, the `storeadd` program updates a number of tables to create entries for a new store.

## Batch Window

Because of the impact on production systems, it is not always possible to run batch programs during business hours; however, there is a window of opportunity during each day or night when online systems are not being used. This time frame is the *batch window*. For example, a retailer with stores throughout the continental U.S. might require its online systems to be available from 8 AM Eastern Standard Time, when its East Coast offices open, until 9 PM Pacific Standard Time, when its West Coast stores close. This allows an eight-hour batch window for processing all batch jobs.

## Batch Schedule and Phases

Order is critical when running batch programs. Some tasks need to be performed before others. A batch schedule ensures that every time batch processing is performed, the correct tasks are performed in the proper order.

The batch schedule is a diagram that represents all batch programs and how they are sequenced. For each individual user, the schedule is a suggested starting point for the installation. Some programs are specific to products that may not be installed, so these programs may not be used at all.

The total batch schedule is divided into phases. Each phase must be completed before the next phase can begin. Within a phase, there may also be programs that depend on the completion of another program within that phase, so programs within each phase may need to be run in a particular order.

## Merchandising Batch Schedule

The integrated Merchandising batch schedule combines the batch schedules of all Merchandising applications into a single schedule diagram. The diagram (later in this document) shows the batch dependencies among the Merchandising applications.

The integrated Merchandising batch schedule combines the batch modules for the following applications:

- Oracle Retail Merchandising System (RMS)
- Oracle Retail Trade Management (RTM)
- Oracle Retail Sales Audit (ReSA)
- Oracle Retail Invoice Matching (ReIM)
- Oracle Retail Price Management (RPM)

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**Note:** Although Oracle Retail Allocation is a Merchandising application, it is not represented in this batch schedule because it does not have any batch programs to run. All Allocation processing is online processing.

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## Program List

The columns of the program list provide details about each batch program, as follows:

Column	Description
Program name	Name of the program or script
Functional area	Functional area of the application for which the batch program is run
Threaded	Whether the program is threaded (Y/N)
Driver	Program driver
Phase	Phase during which the program is run (see the batch schedule diagram)
Pre-dependency	Programs that must be completed before the program can be run
Post-dependency	Programs that must be run after the program completes successfully
Timing	How often the program is run (for example, daily, weekly, monthly, ad hoc)
Restart/Recovery	Whether the program uses restart/recovery (R=Yes, N=No)
Run Parameters for Program	Command syntax to run the program

For example, the following shows the information in the program list about an RMS phase 3 program named dealday:

Program Name	dealday
Functional Area	Deals
Threaded	Y
Driver	Location
Phase	3
Pre-dependency	dealinc, dealfinc, prepost dealday pre
Post-dependency	prepost dealday post, salmnth
Timing	Monthly
Restart/Recovery	R
Usage	dealday userid/passwd

The program list is grouped in the following order:

- RMS, RTM, and ReSA programs
- RPM programs
- ReIM programs
- RMS extracts for Retail Predictive Application Server (RPAS)
- RMS extracts for Retail Data Warehouse (RDW)

The extracts for RPAS and RDW are programs that are part of the RMS application.

## Batch Schedule Diagram

The batch schedule diagram illustrates the program list pre- and post-dependency details. The layout and notations of the diagram also illustrate required sequences and other processing details. Executing the Merchandising batch processing in the manner diagrammed ensures that all critical dependencies are met.

For ease of setting up a schedule at client site, and also based on logical application dependencies, the diagram is divided into three main sections:

- RMS, RTM, ReIM
- ReSA
- RPM

Later chapters of this document show data flow diagrams for other batch processes:

- Chapter 4 shows the Retail Extract, Transform, and Load (RETL) data flows for the extracts from RMS to RPAS.
- Chapter 5 shows the RETL dimension and fact data flows for the extracts from RMS to Oracle Retail Data Warehouse (RDW).
- Chapter 6 shows the RETL data flow for the Promotion dimension extract from RPM to RDW.
- Chapter 7 shows the RETL data flow for the Supplier Invoice Cost dimension extract from ReIM to RDW.
- Chapter 8 shows the RETL data flows for the extracts from RMS to Oracle Retail Advanced Inventory Planning (AIP).

### RMS, ReIM, RTM Section

The first section diagrams the RMS, ReIM, and RTM programs and their dependencies. This section is further divided into phases 0 through 7, ad hoc, and date set batch.

Each phase must be completed before the next phase can begin. Also, a phase may contain programs that depend on other programs within the phase. Programs within each phase may need to run in a particular sequence.

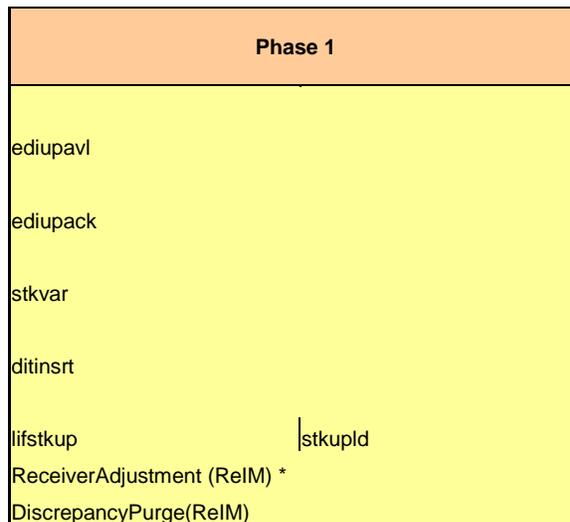
The following are brief descriptions of the Merchandising batch processing phases. Depending on your implementation, some programs and phases may not apply.

Phase	Description
Phase 0	The first phase performs essential table maintenance including: <ul style="list-style-type: none"> <li>▪ Daily purges</li> <li>▪ Updates to currency exchange rates</li> <li>▪ Updates to value-added tax (VAT) data</li> </ul>
Phase 1	This phase prepares the tables for interfacing with external systems in Phase 2. Among other programs, the stock variance (stkvar) batch program is run to update stock counts.
Phase 2	During this phase, information is uploaded from external interfaces, including point of sale (POS) data (posupld batch program).
Phase 3	In this phase, the main RMS processing programs are run for purchasing, ordering, stock ledger, deals, and replenishment.

Phase	Description
Phase 4	This phase pushes data to external sources. Changed system information is rebuilt. Open to buy (OTB) data is updated. Information is sent to the forecasting system.
Phase 5	This phase consists of ReIM process upload programs.
Phase 6	This phase consists of ReIM process roll-up programs.
Phase 7	This phase consists of ReIM process download programs.
Ad Hoc	Ad hoc batch programs can be run at any time. The ad hoc programs have no phase dependencies.
Date Set	The Date Set phase increments the system date and updates other calendar dates. <b>Note:</b> The date set phase should be the very last phase to run. Even the ad hoc programs should be run before the date set program.

Read the batch schedule diagram from left to right. In the following example, any of the programs (ediupavl, ediupack, stkvar,ditinsrt, lifstkup, ReceiverAdjustment, DiscrepancyPurge) can start at the same time; however, the stkupld program cannot start until the lifstkup program is successfully completed.

Sequence -----▶



## ReSA Section

This section diagrams the ReSA programs and their dependencies.

## RPM Section

This section diagrams the RPM programs and their dependencies.

## Notations in the Batch Schedule Diagram

### Pipes

Pipes are vertical bars ( | ) that represent the dependencies within a phase. Reading left to right, a pipe indicates that one or more programs to the right depend upon completion of one or more programs to the left.

In the following example, the `stkupld` module depends on the `lifstkup` module; that is, the `stkupld` module can be run only after successful completion of the `lifstkup` module.

<code>lifstkup</code>		<code>stkupld</code>
-----------------------	--	----------------------

In the following example, both of the modules `cntrordb` and `reqext` are dependent on `ociroq`. Neither `cntrordb` nor `reqext` can be run until the `ociroq` module has completed successfully.

<code>ociroq</code>		<code>cntrordb</code>
		<code>reqext</code>

In the following example, the `ibcalc` module is dependent on both `ibexpl` and `cntrprss`. The `ibcalc` module cannot be run until both `ibexpl` and `cntrprss` have completed successfully.

<code>ibexpl</code>		<code>ibcalc</code>
<code>cntrprss</code>		

### Abbreviations

In the diagram, abbreviations in parentheses that follow program names have the following meanings:

Abbreviation	Meaning
(perl)	The module is a Perl script.
(FIF)	The module is related to the Financials application.
(sqlldr)	There is a sqlloader process to load/ftp the output files.
(rebuild all)	There is a rebuild process inside the application.
(IM)	The module is related to Invoice Matching but owned by RMS.
(RMS)	The module belongs to RMS.
<b>(RMS)</b>	(Bold type) The RMS module is executed externally to that phase.
(ReSA)	The module belongs to ReSA.
<b>(ReSA)</b>	(Bold type) The ReSA module is executed externally to that phase.
(ReIM)	The module belongs to ReIM.
(RTM)	The module belongs to RTM.
(Weekly)	The module is executed weekly.
(Monthly)	The module is executed monthly.
(Forms Auditing)	This is an online forms auditing process related to ReSA.

### Footnotes

Footnote symbols (\*, \*\*, †, ‡) refer to footnotes that appear below that phase or section of the diagram.

## prepost Program

The prepost program facilitates multi-threading by allowing general system administration functions (such as table deletions or mass updates) to be completed after all threads of a particular program have been processed. The prepost program must be run before, after, or both before and after, programs that require specific processing to run or complete successfully.

In the batch schedule diagram, the prepost program is indicated by “pre” and “post” entries, as in the following examples.

In the following example, preprocessing is required before running the ociroq program.

<b>pre</b>	<b>ociroq</b>
------------	---------------

In the following example, preprocessing is required before running the stkupd program. Also, post-processing is required after successful completion of the stkupd program.

<b>pre</b>	<b>stkupd</b>	<b>post</b>
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In the following example, post-processing is required after successful completion of the scext program.

<b>scext</b>	<b>post</b>
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## Modifications to the Batch Schedule

The integrated Merchandising batch schedule shows the dependencies for all the programs that *could* be run by a retailer. Based on many factors, there will always be some programs that a retailer does not run. Determining which programs, or groups of programs, are not required is a job that should be performed at implementation time.

One major factor involves the applications that the retailer has purchased and wants to install:

- For example, a retailer may have purchased RMS, but not ReIM; in this case, the ReIM programs would not be run.
- Another example is that a retailer may not want to use some functionality within an application. Perhaps a retailer purchased RMS but did not purchase the RDW application. In this case, the retailer may not want to run the programs that extract RMS data to be used later by the RDW application.

These major configuration choices also affect whether some programs are used:

- Whether the Retail Integration Bus (RIB) is used  
For more information about configuring the RIB for Merchandising applications, see “Configuring RPM without the RIB” in the “Backend System Administration and Configuration” chapter of the *Oracle Retail Price Management Operations Guide*.
- Whether full-featured or simplified Retail Price Management (RPM) is used  
For more information about configuring simplified RPM, see the “Backend System Administration and Configuration” chapter in the *Oracle Retail Price Management Operations Guide*.
- Whether full-featured or simplified RTM is used  
For more information about configuring simplified RTM, see the “Oracle Retail Trade Management Batch” chapter in Volume 1 of the *Oracle Retail Merchandising System Operations Guide*.



**RMS,RTM,ReSA Program Dependency and Scheduling Details**

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs	
auditprg	Audit	N	N/A	ad hoc	N/A	N/A	daily	N	auditprg user/passwd	
auditsys	Audit	N	N/A	ad hoc	N/A	N/A	daily	N	auditsys user/passwd	
batch_allocstfupd.ksh	Cost Component Updates	Y	Allocation and Transfer	2	batch_compeffupd.ksh	If none of the Cost Component Updates batch are to be run then, prepost batch_costcompupd post.	daily	N	batch_allocstfupd.ksh [-p <# parallel threads>] -connect- <# parallel threads> is the number of threads to run in parallel. The default is the value on RESTART_CONTROL.NUM_THREADS.	
batch_compeffupd.ksh	Cost Component Updates	N	N/A	2	N/A	If none of the Cost Component Updates batch are to be run then, prepost batch_costcompupd post.	daily	N	batch_compeffupd.ksh -connect-	
batch_depchrgupd.ksh	Cost Component Updates	N	N/A	2	batch_compeffupd.ksh	If none of the Cost Component Updates batch are to be run then, prepost batch_costcompupd post.	daily	N	batch_depchrgupd.ksh -connect-	
batch_expprofupd.ksh	Cost Component Updates	N	N/A	2	batch_compeffupd.ksh	If none of the Cost Component Updates batch are to be run then, prepost batch_costcompupd post.	daily	N	batch_expprofupd.ksh -connect- batch_tmcostcompupd.ksh [-p <# parallel threads>] -connect- <# parallel threads> is the number of threads to run in parallel. The default is the value on RESTART_CONTROL.NUM_THREADS.	
batch_lmcostcompupd.ksh	Cost Component Updates	N	Location, Supplier	2	batch_compeffupd.ksh	If none of the Cost Component Updates batch are to be run then, prepost batch_costcompupd post.	daily	N	batch_lmcostcompupd.ksh [-p <# parallel threads>] -connect- <# parallel threads> is the number of threads to run in parallel. The default is the value on RESTART_CONTROL.NUM_THREADS.	
batch_ordcostcompupd.ksh	Cost Component Updates	Y	Order	2	batch_compeffupd.ksh, prepost batch_ordcostcompupd pre	prepost batch_ordcostcompupd post	daily	N	batch_ordcostcompupd.ksh [-p <# parallel threads>] -connect- <# parallel threads> is the number of threads to run in parallel. The default is the value on RESTART_CONTROL.NUM_THREADS.	
batch_orpos_extract.ksh	Point of Sale Interface	Y	Store	4	If RPM pricing info is reqd then run after extraction script RPMtoORPOSPublicExport.sh	prepost poscdnid post	daily	N	batch_orpos_extract.ksh user/passwd [-p <no. of threads>] [DIR - location where extracts are to be generated]	
batch_rtrvcurcov.ksh	Current Cov View Refresh	N	N/A	ad hoc	N/A	N/A	monthly	N	batch_rtrvcurcov.ksh -connect-	
ccprg	Costing	N	N/A	ad hoc	N/A	N/A	monthly	N	ccprg user/passwd	
cednid	Trade Management	Y	Broker	2	N/A	N/A	daily	R	cednid user/passwd broker file_name	
cmprg	Pricing	N	N/A	ad hoc	N/A	N/A	daily	N	cmprg user/passwd	
cmprgupd	Pricing	N	N/A	ad hoc	N/A	All RPM batch modules	ad hoc	R	cmprgupd user/passwd input_file reject_file	
cntrmain	Contracting	N	N/A	0	N/A	All Replenishment modules	daily	R	cntrmain user/passwd	
cntrordb	Contracting	Y	Contract	3	rpladj	prepost cntrordb post	daily	R	cntrordb user/passwd	
cntrps	Contracting	Y	Dept	3	rplct	prepost cntrps post	daily	R	cntrps user/passwd	
costeventprg.pc	Real Time Costing	N	Event Type	0	N/A	N/A	daily	R	costeventprg user/passwd	
cremhierdy	Reclassification	N	N/A	4	N/A	redctdy	daily	R	cremhierdy user/passwd	
deact	Deals	Y	Deal Id	3	prepost deact_nor pre prepost deact_po pre	N/A	daily	R	deact user/passwd	
deactls	Deals	N	N/A	3	prepost deact_sales pre N/A	prepost deactls post	daily	R	deactls user/passwd	
dealdy	Deals	Y	Location	3	prepost dealdy pre deallnc	prepost dealdy post salnmth	monthly	R	dealdy user/passwd	
deactfct	Deals	Y	Deal Id	3	prepost deactfct pre deactfct	prepost deactfct post salnmth	daily	R	deactfct user/passwd [Y/N - EOM processing ind]	
dealfnc	Deals	Y	Deal Id	3	deact dealdy salnmth	deactfct dealdy salnmth	weekly/ad hoc	R	dealfnc user/passwd	
deallnc	Deals	Y	Deal Id	3	prepost deallnc pre N/A	salnmth (if monthly)	monthly	R	deallnc user/passwd [Y/N - EOM processing ind]	
deaprg	Deals	N	N/A	ad hoc	N/A	N/A	monthly	R	deaprg user/passwd	
dealdup	Deals	Y	File-based	0	(This program is the first one in Deals batch)	(All other deals programs)	daily	R	dealdup user/passwd input_file reject_file	
drtbl	Item Maintenance	Y	Dept	3	(This program will likely be run after sales information is uploaded into Oracle Retail)	(SQL*Load the output file)	daily	R	drtbl user/passwd outfile	
disctobapp	OTB	Y	Dept	4	ordisct	N/A	daily	R	disctobapp user/passwd	
dstrocpub	Pricing/Transfers/Allocation Publish	Y	Store	3	PriceEventExecutionBatch(RPM)	N/A	daily	R	dstrocpub user/passwd P or S - program is either run for deals set up by Partner or Supplier. P or S (supplier/partner). Supplier/partner is selected by appropriate calling script and passed into program. Note: (May use the batch_dlistnrt.ksh for launching this program as it is created based on performance considerations)	
dlistnrt	Deals	N	N/A	1	N/A	ordisct	daily	R	dlistnrt user/passwd	
dyprg	Maintenance	N	N/A	0	N/A	(All other batch programs)	daily	N	dyprg user/passwd	
docclose	Receiving	N	N/A	ad hoc	N/A	N/A	daily	R	docclose user/passwd	
dtesys	Calendar	N	N/A	date_set cycle)	(This program should run at the end of the batch)	prepost dtesys post	daily	N	dtesys user/passwd [ndate=YYYYMMDD format]	
dummyctn	Receiving	N	N/A	ad hoc	N/A	N/A	daily	N	dummyctn user/passwd	
ediload	Maintenance	N	N/A	ad hoc	N/A	N/A	ad hoc	N	ediload user/passwd edadd_output ediload_catalog	
edilcon	Contracting	N	N/A	ad hoc	N/A	N/A	ad hoc	N	edilcon user/passwd edilcon_outfile	
edilinv	Invoice Matching	Y	Location	4	N/A	N/A	daily	R	edilinv user/passwd output_filename	
edilord	Ordering	N	N/A	4	ordrev (and after replenishment batch)	N/A	ad hoc	R	edilord user/passwd filename	
edidprd	EDI Interface - Sales and Inventory	N	N/A	4	prepost edidprd pre	prepost edidprd post	daily	R	edidprd user/passwd filename	
ediprg	EDI Interface - Purge	N	N/A	ad hoc	(Towards the end of the batch cycle)	N/A	monthly	R	ediprg user/passwd	
edupack	Maintenance	N	File-based	2	N/A	N/A	daily	N	edupack user/passwd input_file reject_file	
edupack	EDI Interface - ordering	N	N/A	1	N/A	N/A	ad hoc	R	edupack user/passwd data_file reject_file	
edupaw	EDI Interface - Contracts	N	File-based	1	N/A	N/A	daily	R	edupaw user/passwd input_file reject_file	
edupost	EDI Interface - Suppliers	N	File-based	1	N/A	N/A	daily	R	edupost user/passwd ed_data_file error_file	
elcexprg	Cost Component Updates	N	N/A	2	N/A	N/A	ad hoc	N	elcexprg user/passwd	
foaxec	Real Time Costing	Y	Cost Event Process Id	2	fcftheadex	N/A	daily/ad hoc	N	foaxec user/passwd	
fcftheadex	Real Time Costing	Y	Cost Event Process Id	2	prepost foaxec pre batch_lmcostcompupd.ksh	N/A	daily/ad hoc	N	fcftheadex user/passwd	
fcstrg	Forecasting	Y	Domain Id	ad hoc	prepost fcstrg pre	N/A	daily	N	fcstrg user/passwd domain	
fcstrbid	Forecasting	Y	Domain Id	3	N/A	prepost fcstrbid post	weekly	R	fcstrbid user/passwd	
fcstrbid_sbc	Forecasting	Y	Domain Id	3	prepost fcstrbid post salstage	N/A	weekly	R	fcstrbid_sbc user/passwd	
flgldn1	Financial Interface	Y	Dept	3	salstage	prepost flgldn1 post	salapnd	daily	R	flgldn1 user/passwd
flgldn2	Financial Interface	Y	Dept	3	salstage	salapnd	daily	R	flgldn2 user/passwd	
flgldn3	Financial Interface	Y	Store/Wh	3	salnmth	salnmth	monthly	R	flgldn3 user/passwd	
lmednd	Planning System Interface	N	N/A	ad hoc	N/A	N/A	ad hoc	R	lmednd user/passwd	
loapid	Misc Interface - Taxcode	N	N/A	ad hoc	N/A	N/A	ad hoc	R	loapid user/passwd	
genpress	Ordering	Y	Supplier	ad hoc	N/A	N/A	ad hoc	R	genpress user/passwd	
gradupd	Forecasting	N	File-based	ad hoc	N/A	N/A	ad hoc	R	gradupd user/passwd input_file rej_file	
htsdb	Sales	Y	Location	3	posupd prepost htsdb pre (for rebuild all)	prepost htsdb post	weekly	R	htsdb user/passwd level/weekly/rebuild	
htsdb_diff	Sales	N	N/A	ad hoc	htsdb	N/A	ad hoc	N	htsdb_diff user/passwd	
htsdbmh	Sales	Y	Dept	3	posupd	prepost htsdbmh post	monthly	R	htsdbmh user/passwd level(monthly/rebuild)	
htsdbmh_diff	Sales	N	N/A	ad hoc	N/A	prepost htsdbmh post	ad hoc	N	htsdbmh_diff user/passwd	
hstmhpd	Sales	Y	Location	3	(The program should be run on the last day of the month)	hstmhpd.ctf to load data from the output file written by HSTWKUPD.PC for non-existent records on ITEM_LOC_HST_MTH)	monthly	R	hstmhpd user/passwd (out_file)	
hstrg	Sales	N	N/A	ad hoc	N/A	N/A	monthly	N	hstrg user/passwd	
hstrg_diff	Sales	N	N/A	ad hoc	N/A	N/A	weekly	N	hstrg_diff user/passwd	
hstkupd	Sales	Y	Store/Wh	3	N/A	Run SQL*Loader using the control file hstkupd.ctf to load data from the output file written by HSTWKUPD.PC for non-existent records on ITEM_LOC_HST	weekly	R	hstkupd user/passwd (out_file)	

htsupld	Trade Management	Y	File-based	ad hoc	Hts240_to_2400 (perl script) Ushs2zms (perl script) prepost htsupld pre ibexpl replst prepost ibcalc pre rplex	N/A		ad hoc	R	htsupld user/passwd input_file reject_file country_id ; perl hts_240_to_2400 inputfile outfile ; perl ushts2zms inputfile outfile rejectfile
ibcalc	Investment Buy	Y	Dept	3	replst	rpbltd		daily	R	ibcalc user/passwd
ibexpl	Investment Buy	N	N/A	3	rplex	ibcalc		daily	N	ibexpl user/passwd
invaprg	Inventory Adjustments	N	N/A	ad hoc	N/A	N/A		monthly	N	invaprg user/passwd
invdshp	Invoice Matching	N	N/A	2	N/A	N/A		daily	N	invdshp user/passwd
invprg	Invoice Matching	N	N/A	ad hoc	ordprg	N/A		monthly	R	invprg user/passwd
icadnld	Letter of Credit	N	N/A	4	N/A	lcm700 (perl script)		daily	R	icadnld user/passwd output_file
lctdld	Maintenance - Location	N	N/A	ad hoc	storeadd	N/A		monthly	R	lctdld user/passwd
lcmdnld	Letter of Credit	N	N/A	4	N/A	lcm707 (perl script)		daily	R	lcmdnld user/passwd output_file
lcup798	Letter of Credit	N	N/A	2	lcm798 (perl script)	N/A		daily	R	lcup798 user/passwd input_file rej_file
lcupld	Letter of Credit	N	N/A	2	lcm730 (perl script)	N/A		daily	R	lcupld user/passwd input_file rej_file
lflstakup	Stock Ledger	N	File-based	1	inv_bal_upload.sh (warehouse mgmt program)	stskupld		daily	N	lflstakup user/passwd input_file output_file
lkestore	Maintenance - Location	Y	Dept	ad hoc	storeadd	prepost lkestore post mrtv		daily	R	lkestore user/passwd
mnt	Mass Return Transfers	Y	Warehouse	2	N/A	mrtupd		daily	R	mnt user/passwd
mrtprg	Mass Return Transfers	Y	Warehouse	ad hoc	N/A	N/A		ad hoc	R	mrtprg user/passwd
mrtv	Mass Return Transfers	Y	Warehouse	2	mrt	mrtupd		daily	R	mrtv user/passwd
mrtupd	Mass Return Transfers	Y	Warehouse	2	mrtv	N/A		daily	R	mrtupd user/passwd
nwpurge	Stock Ledger	N	N/A	ad hoc	N/A	N/A		ad hoc	N	nwpurge user/passwd
nwpyearend	Stock Count	Y	Location	4	run on last day of year	N/A		yearly	R	nwpyearend user/passwd
ocroq	Replenishment	N	N/A	3	prepost ocroq pre repladj	N/A		daily	R	ocroq user/passwd
onictext	Planning System Interface	Y	Transfer	4	onordext	onordnld		weekly	R	onictext user/passwd datefile
onordnld	Planning System Interface	Y	Store/Wh	4	onictext	N/A		daily	R	onordnld user/passwd
onordext	Planning System Interface	Y	Order	4	prepost onordext pre	onictext		daily	R	onordext user/passwd datefile
ordautc	Ordering	N	N/A	ad hoc	N/A	N/A		daily	N	ordautc user/passwd
ordscnt	Deals	Y	Supplier	4	soceat	discontapply	dealds	daily	R	ordscnt user/passwd
ordinvupld	Inventory Adjustments	Y	File-based	2	rectdly sacrdinvexp	N/A		daily	R	ordinvupld user/passwd input_file reject_file lock_file
ordprg	Ordering	N	N/A	ad hoc	N/A	invprg		monthly	N	ordprg user/passwd
ordrev	Ordering	N	N/A	4	ordscnt	edidord otbdnld		daily	R	ordrev user/passwd
ordupd	Ordering	N	N/A	4	soceat	otbdisal		daily	N	ordupd user/passwd
otbdord	OTB	N	N/A	4	(After RPM pricing change extraction batch)	otbdord		daily	N	otbdord user/passwd output_file
otbdisal	OTB	N	N/A	4	ordupd	N/A		daily	R	otbdisal user/passwd output_file
otbdnld	OTB	N	N/A	4	ordupd	N/A		daily	R	otbdnld user/passwd output_file
otbprg	OTB	N	N/A	ad hoc	N/A	N/A		monthly	N	otbprg user/passwd
otbupwd	OTB	Y	File-based	ad hoc	N/A	N/A		daily	R	otbupwd user/passwd input_file reject_file
otbupld	OTB	Y	File-based	ad hoc	N/A	N/A		daily	R	otbupld user/passwd input_file reject_file
poscdnld	Point of Sale Interface	N	N/A	4	posdnld	prepost poscdnld post		daily	R	poscdnld user/passwd outfile
posdnld	Point of Sale Interface	Y	Store	ad hoc	N/A	prepost posdnld post		daily	R	posdnld user/passwd outfile
pospgdd	Point of Sale Interface	Y	Store	4	rectdly	N/A		daily	R	pospgdd user/passwd output_file
posrefresh	Inventory	N	N/A	ad hoc	N/A	N/A		ad hoc	R	posrefresh user/passwd output_file store
posupld	Sales	Y	File-based	2	saexpms(ReSA)	prepost posupld post	salstage	daily	N	posupld user/passwd infile repls_watfile itemfile lockfile
prepost	Pre/post functionality	N	N/A	all phases	N/A	N/A		daily	N	prepost user/passwd program pre_or_post
recldly	Item Maintenance	Y	Reclass no	4	cremhierdly	prepost recldly post reqlt		daily	R	recldly user/passwd process_mode
repladj	Replenishment	Y	Dept	3	rplatudp	rplex		daily	R	repladj user/passwd
replsizeprofile	Replenishment	N	N/A	ad hoc	prepost replsizeprofile pre posupld rplatudp repladj prepost ocroq pre ocroq	N/A		ad hoc	N	replsizeprofile user/passwd Y/N. (Y/N indicator indicates if allocations is installed or not, if installed pre job for this program has to be run prepost replsizeprofile pre)
reqlt	Replenishment	Y	Partition (Item)	3	prepost reqlt pre storeadd repladj prepost rlmaint pre	prepost reqlt post repladj	rplex	daily	R	reqlt user/passwd partition_position (May use the batch_reqlt.ksh for launching this program as it is created based on performance considerations)
rlmaint	Replenishment	Y	Location	3	prepost rlmaint pre rplsplt supcnstr prepost rplapprv pre	prepost rlmaint post repladj		daily	R	rlmaint username/password
rplapprv	Replenishment	N	N/A	3	prepost rplapprv pre	N/A		daily	R	rplapprv user/passwd
rplathisprg	Replenishment	N	N/A	ad hoc	N/A	N/A		ad hoc	N	rplathisprg user/passwd (This batch may be run only if repl_attr_retention_weeks in system_options table is set)
rplatudp	Replenishment	Y	Location	3	prepost rplatudp pre ibcalc rplex critprss vrpbltd ibexpl supcpit prepost rpl pre rplatudp rlmaint repladj reqlt	prepost rplatudp post repladj reqlt	rplex	daily	R	rplatudp user/passwd
rpbltd	Replenishment	Y	Supplier	3	prepost rpbltd pre supcnstr prepost rpl pre rplatudp rlmaint repladj reqlt	supcnstr prepost rplex post contracting is used, otherwise run ... ibcppl rpbltd	supcpit cntprsr(if	daily	R	rpbltd username/password
rplex	Replenishment	Y	Dept	3	cntrotrdb	)		daily	R	rplex user/passwd dept (May use the batch_rplex.ksh for launching this program as it is created based on performance considerations)
rlprg	Replenishment	N	N/A	ad hoc	N/A	N/A		daily	N	rlprg user/passwd
rlprg_month	Replenishment	N	N/A	ad hoc	N/A	N/A		monthly	N	rlprg_month user/passwd
rplsplt	Replenishment	Y	Supplier	3	supcnstr	rplapprv		daily	R	rplsplt user/passwd
rpmovavg	Pricing	Y	Store	3	salstage	N/A		daily	R	rpmovavg user/passwd business_date(YYYYMMDD) store(optional)
rvprg	RTV	N	N/A	ad hoc	N/A	N/A		monthly	N	rvprg user/passwd
sacrypt	Sales Audit	Y	Store/Day	SA	sagetref satotals	N/A		daily	N	sacrypt user/passwd infile outfile key_e/d (Encryption/Decryption indicator) Note: outfile generated by batch is infile for samptlog.
saescheat	Sales Audit	N	N/A	SA	sarules satotals	saexpim	sapurge	monthly	R	saescheat user/passwd
saexpach	Sales Audit	N	N/A	SA	satotals sarules sapreexp	N/A		daily	R	saexpach user/passwd
saexpgl	Sales Audit	N	N/A	SA	satotals sarules sapreexp	N/A		daily	R	saexpgl user/passwd
saexpim	Sales Audit	N	N/A	SA	saescheat	N/A		daily	R	saexpim user/passwd
saexprow	Sales Audit	Y	Store	SA						

sagetref	Sales Audit	N	N/A	SA	sasdyocr	saimptlog	daily	R	sagetref user/passwd itemfile wastefile ref_itemfile prim_variantfile varupcfile storedayfile codesfile errorfile cvallfile	
saimpadj	Sales Audit	N	N/A	SA	saimptlogin	satotals	daily	R	storeposfile tendertypefile merchcodefile partnerfile supplierfile employeefile bannerfile currencyfile (To prevent a file from being written, place a '-' in its place. Note: Item files must all be written together).	
saimptlog	Sales Audit	Y	Store/Day	SA	sagetref	saprepost	saimptlog post (Use sql Loader to load data into ReSA tables)	daily	N	saimpadj user/passwd input_file_ref_file saimptlog user/pw infile badfile itemfile wastefile refitemfile primvariantfile varupcfile storedayfile promfile codesfile errorfile cvallfile storeposfile tendertypefile merchcodefile partnerfile supplierfile employeefile bannerfile
saimptlogin	Sales Audit	N	N/A	SA	saavouch	satotals	daily	R	saimptlogin user/passwd store_day_file	
salapnd	Stock Ledger	N	N/A	3	ftgdn2	N/A	daily	R	salapnd user/passwd	
salady	Stock Ledger	Y	Store/Wk	3	salstage	salweek	daily	R	salady user/passwd	
salcoh	Stock Ledger	Y	Dept	3	salmh	N/A	half yearly	N	salcoh user/passwd	
salins	Sales	N	N/A	0	N/A	N/A	daily	R	salins user/passwd	
salmaint	Stock Ledger	N	N/A	ad hoc	N/A	N/A	half yearly	N	salmaint user/passwd pre_or_post	
salmh	Stock Ledger	Y	Dept	3	salweek	pre_dwi_extract.ksh(RMS to RDW RETL Extract)	monthly	R	salmh user/passwd	
salprg	Stock Ledger	N	N/A	ad hoc	N/A	prepost	daily	N	salprg user/passwd	
						salady	salapnd	salweek		
						dealct	rpmovavg	ftgdn1		
salstage	Stock Ledger	N	N/A	3	posupld		daily	N	salstage user/passwd	
					saldy					
					skdy					
					salapnd					
					prepost salweek pre					
					dealinc					
					vendmrv	salmh				
salweek	Stock Ledger	Y	Dept	3	vendmrv	prepost salweek post	weekly	R	salweek user/passwd	
saordinexp	Sales Audit	Y	Store	2	N/A	N/A	daily	R	saordinexp user/passwd	
sapreexp	Sales Audit	N	N/A	SA	SA audit process	(Before any SA export process)	daily	R	sapreexp user/passwd	
saprepost	Sales Audit	N	N/A	SA	N/A	N/A	daily	N	saprepost user/passwd program pre_or_post	
					saprepost sapurge pre	(This program should be run as the last program in the ReSA batch schedule)				
sapurge	Sales Audit	Y	Store	SA		saprepost sapurge post	daily	R	sapurge user/passwd deleted_items_file [optional list of store days to be deleted]	
sarules	Sales Audit	N	N/A	SA	satotals	sapreexp	saescheat	daily	R	sarules user/passwd store_no
					(It should run before the DTESYS batch program and before the next store/day's transactions are received)					
sasdyocr	Sales Audit	N	N/A	date_set		dtesys	daily	R	sasdyocr user/passwd [YYYYMMDD]	
satotals	Sales Audit	N	N/A	SA	saimptlogin	satotals	daily	R	satotals user/passwd store_no	
saavouch	Sales Audit	N	N/A	SA	saimptlog (and its SQL Load process)	saimptlogin	daily	R	saavouch user/passwd infile refitem tendertype_file	
scoext	Costing	Y	Cost change	3	catstdex.ksh (RMS to RDW RETL extract)	prepost scoext post	daily	R	scoext user/passwd	
schedprg	Organizational Hierarchy	N	N/A	ad hoc	N/A	N/A	monthly	R	schedprg user/passwd	
silmain	Item Maintenance	N	N/A	ad hoc	icstid	N/A	ad hoc	R	silmain user/passwd	
soutnd	Forecasting	Y	Domain Id	4	N/A	N/A	daily	R	soutnd user/passwd	
stkdy	Stock Ledger	Y	Dept	3	stklar	salweek	daily	R	stkdy user/passwd	
stkgprg	Stock Ledger	N	N/A	ad hoc	N/A	N/A	monthly	N	stkgprg user/passwd	
stkschedxpld	Stock Ledger	Y	Location	0	N/A	prepost stkgprg post	daily	R	stkschedxpld user/passwd	
					prepost stklpd pre					
stklpd	Stock Ledger	Y	Location	3	stklpd	prepost stklpd post	daily	R	stklpd user/passwd	
stklpdt	Stock Ledger	Y	Dept	1	lftskup	N/A	daily	R	stklpdt user/passwd input_file reject_file	
stklar	Stock Ledger	Y	Dept	1	N/A	N/A	daily	R	stklar user/passwd [ report_file_name ]	
					stkschedxpld					
stklpdt	Stock Ledger	Y	Dept	3	wasteadj	stklpd	daily	R	stklpdt user/passwd	
stlgrnd	Stock Ledger	Y	Dept	4	N/A	N/A	weekly	R	stlgrnd user/passwd input_file	
					prepost storeadd post					
storeadd	Maintenance - Location	N	N/A	ad hoc	N/A	likestore	daily	R	storeadd user/passwd	
supcntr	Replenishment	N	N/A	3	rpibid	prepost	monthly	R	supcntr user/passwd	
supmh	Stock Ledger	Y	Dept	3	N/A	prepost supmh post	monthly	R	supmh user/passwd	
					rpibid					
supplnt	Replenishment	Y	Item	3 / Adhoc	prepost supplnt pre	rpibid	daily	R	supplnt user/passwd	
tampcrctn	Receiving	N	N/A	ad hoc	N/A	N/A	ad hoc	N	tampcrctn user/passwd	
tkctdnld	Maintenance	N	N/A	ad hoc	N/A	N/A	daily	R	tkctdnld user/passwd filename print_online_ind days_in_advance [location]	
tlpocdn	Sales Tax	N	N/A	4	tlpocdn	prepost tlpocdn post	daily	R	tlpocdn user/passwd output_file	
tranupld	Trads Management	Y	File-based	ad hoc	N/A	N/A	daily	R	tranupld user/passwd infile	
tsfclose	Transfers	Y	Transfer	ad hoc	N/A	N/A	daily	R	tsfclose user/passwd	
tsfprg	Transfers	N	N/A	ad hoc	N/A	N/A	monthly	R	tsfprg user/passwd	
trpocdn	Point of Sale Interface	N	N/A	4	N/A	tlpocdn	daily	R	trpocdn user/passwd	
trtupld	Sales Tax	N	N/A	4	N/A	N/A	ad hoc	R	trtupld username/password input_file reject_file	
vatdpl	Maintenance - VAT	Y	Vat Region	0	N/A	prepost vatdpl post	daily	R	vatdpl user/passwd	
					dealact	prepost vendmrv post				
					salstage(f daily)	salweek(f weekly)				
vendmrv	Deals	Y	Deal Id	3	prepost vendmrv pre	salmh (if monthly)	daily	R	vendmrv user/passwd	
					salstage(f daily)	prepost vendmrv post				
vendmrv	Deals	Y	Deal Id	3	prepost vendmrv pre	salmh (if monthly)	daily	R	vendmrv user/passwd	
vrpibid	Replenishment	Y	Supplier	2	edupack	prepost vrpibid post	daily	R	vrpibid user/passwd	
					stklpdt	stklpd	daily	R	wasteadj user/passwd	
wasteadj	Stock Ledger	Y	Store	3	N/A	stklpdt	daily	R	wasteadj user/passwd	
wfords	Ordering	Y	Wholesale Order ID	ad hoc	N/A	wfordsprg	daily	R	wfords user/passwd	
wfords	Ordering	Y	Wholesale Order ID	ad hoc	N/A	N/A	daily	R	wfords user/passwd	
wfordspld.ksh	Ordering	Y	CustomerRefId	ad hoc	N/A	N/A	ad hoc	R	wfordspld.ksh user/passwd input_file_directory output_file_directory number_of_threads	
wftrpgr	Ordering	Y	Wholesale Return ID	ad hoc	N/A	N/A	daily	R	wftrpgr user/passwd	
whadd	Maintenance - Location	N	N/A	ad hoc	N/A	N/A	daily	R	whadd user/passwd	
					(Must be run after all replenishment batch programs)	prepost whadd post				
whtrasp	Maintenance - Location	N	N/A	3		prepost whtrasp post	daily	R	whtrasp user/passwd	

### RPM Dependency and Scheduling Details

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
ItemReclassBatch	Future Retail	N	N/A	N/A	recdsy(RMS)	NewItemLocBatch	daily/ad hoc	N	itemReclassBatch.sh rpm-app-userid password
NewItemLocBatch	Future Retail	N	N/A	N/A	storeadd(RMS), ItemReclassBatch	LocationMoveBatch	daily/ad hoc	N	NewItemLocBatch.sh rpm-app-userid password [status [error-committ-count]]
LocationMoveScheduleBatch	Zone Structure/Future Retail	Y	Location move	N/A	NewItemLocBatch	LocationMoveBatch, PriceEventExecutionBatch	daily, adhoc	N	locationMoveScheduleBatch.sh rpm-app-userid password
LocationMoveBatch	Zone Structure/Future Retail	Y	Location move	N/A	NewItemLocBatch	LocationMoveBatch	daily	N	locationMoveBatch.sh rpm-app-userid password
PriceEventExecutionBatch	Price Change/Clearance/Promotion	Y	Pricing event	N/A	salstage (RMS)	PriceEventExecutionRMSBatch	daily	N	priceEventExecutionBatch.sh rpm-app-userid password
PriceEventExecutionRMSBatch	Price Change/Clearance/Promotion	Y	Pricing event	N/A	PriceEventExecutionBatch	PriceEventExecutionDealsBatch	daily	N	priceEventExecutionRMSBatch.sh rpm-app-userid password
PriceEventExecutionDealsBatch	Price Change/Clearance/Promotion	Y	Pricing event	N/A	PriceEventExecutionRMSBatch	MerchExtractKickOffBatch	daily	N	priceEventExecutionDealsBatch.sh rpm-app-userid password
PriceStrategyCalendarBatch	Price Strategy	N	N/A	N/A	N/A	MerchExtractKickOffBatch	daily	N	priceStrategyCalendarBatch.sh rpm-app-userid password
WorksheetAutoApproveBatch	Pricing Worksheet	Y	Price strategy	N/A	N/A	MerchExtractKickOffBatch	daily	N	worksheetAutoApproveBatch.sh rpm-app-userid password

MerchExtractKickOffBatch	Pricing Worksheet	Y	Price strategy	N/A	PriceEventExecutionBatch	Wholesale Item Catalog Report (RMS)	daily	N	merchExtractKickOffBatch.sh rpm-app-userid password
PurgeBulkContractCheckAnfacts	Conflict Checking	N	N/A	N/A	storesadd (RMS)	N/A	daily	N	purgeBulkContractCheckAnfacts.sh rpm-app-userid password
RPMTtoORPOSPublishBatch.sh	Price Change/Clearance/Promotion	N	N/A	N/A	WorksheetAutoApproveBatch	N/A	daily	N	kah RPMTtoORPOSPublishBatch.sh <userid>password@sid <-log path> <-error path>
RPMTtoORPOSPublishExport.sh	Price Change/Clearance/Promotion	Y	Location	N/A	RPMTtoORPOSPublishBatch.sh	N/A	daily	N	kah RPMTtoORPOSPublishExport.sh <userid>password@sid > <Numberof slots> <-logpath> <-error path> <-Export path>
RegularPriceChangePublishBatch	Regular Price Changes	Y	Price event (item/loc)	N/A	WorksheetAutoApproveBatch	RegularPriceChangePublishExport	daily/td hoc	N	regularPriceChangePublishBatch.sh rpm-app-userid password
RegularPriceChangePublishExport	Regular Price Changes	Y	Price event (item/loc)	N/A	RegularPriceChangePublishBatch	RegularPriceChangePublishExport	daily/td hoc	N	regularPriceChangePublishExport.sh rpm-db-useridpwd@database [export-path]
ClearancePriceChangePublishBatch	Clearances	Y	Price event (item/loc)	N/A	WorksheetAutoApproveBatch	ClearancePriceChangePublishExport	daily/td hoc	N	clearancePriceChangePublishBatch.sh rpm-app-userid password
ClearancePriceChangePublishExport	Clearances	Y	Price event (item/loc)	N/A	ClearancePriceChangePublishBatch	ClearancePriceChangePublishExport	daily/td hoc	N	clearancePriceChangePublishExport.sh rpm-db-useridpwd@database [export-path]
PromotionPriceChangePublishBatch	Promotions	Y	Price event (item/loc)	N/A	WorksheetAutoApproveBatch	PromotionPriceChangePublishExport	daily/td hoc	N	promotionPriceChangePublishBatch.sh rpm-app-userid password
PromotionPriceChangePublishExport	Promotions	N	Price event (item/loc)	N/A	PromotionPriceChangePublishBatch	PromotionPriceChangePublishExport	daily/td hoc	N	promotionPriceChangePublishExport.sh rpm-db-useridpwd@database [export-path]
PriceChangeAutoApproveResultsPurgeBatch	Purge	N	N/A	N/A	PriceChangeAutoApproveBatch	N/A	daily	N	priceChangeAutoApproveResultsPurgeBatch.sh rpm-app-userid password
PriceChangePurgeBatch	Purge	N	N/A	N/A	Purge	N/A	daily	N	priceChangePurgeBatch.sh rpm-app-userid password
PriceChangePurgeWorkspaceBatch	Purge	N	N/A	N/A	PriceChangePurgeBatch	N/A	daily	N	priceChangePurgeWorkspaceBatch.sh rpm-app-userid password
PromotionArchiveBatch.sh	Promotion	N	N/A	N/A	PromotionArchiveBatch.sh	N/A	daily	N	promotionArchiveBatch.sh rpm-app-userid password
PromotionPurgeBatch	Purge	N	N/A	N/A	PromotionPurgeBatch	N/A	daily	N	promotionPurgeBatch.sh rpm-app-userid password
PurgeExpiredExecutedOnApproveClearancesBatch	Purge	N	N/A	N/A	PurgeExpiredExecutedOnApproveClearancesBatch	N/A	daily	N	purgeExpiredExecutedOnApproveClearancesBatch.sh rpm-app-userid password
PurgeUnusedAndAbandonedClearancesBatch	Purge	N	N/A	N/A	PurgeUnusedAndAbandonedClearancesBatch	N/A	daily	N	purgeUnusedAndAbandonedClearancesBatch.sh rpm-app-userid password
PurgeLocationMovesBatch	Purge	N	N/A	N/A	PurgeLocationMovesBatch	N/A	daily	N	purgeLocationMovesBatch.sh rpm-app-userid password
ZoneFutureRetailPurgeBatch	Purge	N	N/A	N/A	ZoneFutureRetailPurgeBatch	N/A	daily	N	zoneFutureRetailPurgeBatch.sh rpm-app-userid password
ItemLocDeleteBatch	Purge	N	N/A	N/A	ItemLocDeleteBatch	N/A	daily	N	itemLocDeleteBatch.sh rpm-app-userid password
priceChangeAreaDifferentialBatch	Price Change	Y	N/A	N/A	priceChangeAreaDifferentialBatch	N/A	ad hoc	N	priceChangeAreaDifferentialBatch rpm-app-userid password
injectorPriceEventBatch	Price Change/Clearance/Promotion	Y	Item/Location	N/A	injectorPriceEventBatch	PriceEventExecutionDealsBatch	ad hoc	N	injectorPriceEventBatch.sh rpm-app-userid password [status=<status>] [event_type=<event_type>]
refreshPosDataBatch	Price Event	Y	N/A	N/A	refreshPosDataBatch	N/A	ad hoc	N	refreshPosDataBatch.sh <username> <password> <-location> [date{YYYYMMdd}]
purgePayloadsBatch	purge	N	Price event	N/A	RegularPriceChangePublishExport, ClearancePriceChangePublishExport, PromotionPriceChangePublishExport	N/A	ad hoc	N	purgePayloads.sh <userid>pwd@database <-publish-status>
taskPurgeBatch.sh	Purge	N	N/A	N/A	taskPurgeBatch.sh	N/A	daily	N	taskPurgeBatch.sh <username> <password> [-<purgeDays>] [Y/N]
processPendingChunksBatch	Price Change/Clearance/Promotion	Y	N/A	N/A	processPendingChunksBatch	N/A	ad hoc	N	processPendingChunksBatch.sh rpm-app-userid password
FutureRetailRollUpBatch	Future Retail	Y	N/A	N/A	FutureRetailRollUpBatch	N/A	ad hoc	N	FutureRetailRollUpBatch.sh <username> <password> [-<dept>-<deptid> -<class>-<classid> -<subclass>-<subclassid>]
GenerateFutureRetailRollUpBatch	Future Retail	Y	N/A	N/A	GenerateFutureRetailRollUpBatch	N/A	ad hoc	N	GenerateFutureRetailRollUpBatch.sh <username> <password> [-<dept>-<deptid> -<class>-<classid> -<subclass>-<subclassid>]
primaryZoneModificationsBatch	Future Retail	Y	P2G definition updates	N/A	primaryZoneModificationsBatch	N/A	ad hoc	N	primaryZoneModificationsBatch <userid>password@sid <-log path> <-error path>
priceEventPayloadPopulationBatch.sh	Payload	Y	Price Event	N/A	RPMTtoORPOSPublishBatch.sh, RegularPriceChangePublishBatch, ClearancePriceChangePublishBatch, PromotionPriceChangePublishBatch	N/A	ad hoc	N	priceEventPayloadPopulationBatch.sh <userid>password@sid <-slots> <-status> <-logpath> <-errpath>

**ReIM Dependency and Scheduling Details**

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
reimaccountworkspacepurge	Invoice Matching (ReIM)	N	N/A	N/A	N/A	N/A	ad hoc	R	Userid/password
reimautomatch	Invoice Matching (ReIM)	Y	N/A	6	NA	reimrollup, reimposting	daily	R	Userid/password
reimreurge	Invoice Matching (ReIM)	N	N/A	0	NA	reimrollup	daily	R	Userid/password
reimcomplexdesalupload	Invoice Matching (ReIM)	Y	N/A	5	vendinvc(RMS), vendinv(RMS)	reimautomatch	daily	R	Userid/password BlockSize [PartitionNo]
reimcredinoteautomatch	Invoice Matching (ReIM)	N	N/A	6	NA	reimrollup, reimposting	daily	R	Userid/password
reimidscrenancypurge	Invoice Matching (ReIM)	N	N/A	1	N/A	reimautomatch	daily	R	Userid/password
reimediupload	Invoice Matching (ReIM)	Y	N/A	5	eddlinv(RMS)	reimautomatch, reimcredinoteautomatch	daily	R	Userid/password "EDI input file with path" "EDI reject file with path"
reimediupload	Invoice Matching (ReIM)	N	N/A	7	reimposting	N/A	daily	R	Userid/password
reimreidcomplexupload	Invoice Matching (ReIM)	Y	N/A	5	vendinvc(RMS), vendinv(RMS)	reimautomatch	daily	R	Userid/password BlockSize [PartitionNo]
reimrollup	Invoice Matching (ReIM)	N	N/A	6	reimautomatch, reimcredinoteautomatch	reimposting	daily	R	Userid/password
reimreceiptwriteoff	Invoice Matching (ReIM)	N	N/A	6	reimautomatch	N/A	daily	R	Userid/password
reimposting	Invoice Matching (ReIM)	N	N/A	6	reimrollup	N/A	daily	R	Userid/password

**RMS to RPAS RETL Extracts Dependency and Scheduling Details (EXTRACTS FOR RPAS)**

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
pre_rmse_rpas.ksh	Planning/Forecast System Interface	N	N/A	N/A	N/A: This is a pre-setup script	N/A	daily	N	N/A
rmse_rpas.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh. (This is the launch script to run the extracts)	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_attributes.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_daily_sales.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_domain.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_item_master.ksh	Planning/Forecast System Interface	N	N/A	N/A	reclsdly, dyprg, pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_merchhler.ksh	Planning/Forecast System Interface	N	N/A	N/A	reclsdly, dyprg, pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_orghier.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_stock_on_hand.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_store.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_suppliers.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_weekly_sales.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_wh.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmsl_rpas_forecast.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmsl_rpas_update_retl_date.ksh	Planning/Forecast System Interface	N	N/A	N/A	After all RMS/Planning System Integration RETL scripts are run	Refer to RPAS Operations guide	daily	N	rmsl_rpas_update_retl_date.ksh CLOSED_ORDER or RECEIVED_QTY

**RMS to RDW RETL Extracts Dependency and Scheduling Details (EXTRACTS FOR RDW)**

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
cdedltx.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
cmptrex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
cmptrex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
cmptrex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
cmcydex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
emplyex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A



**RMS to AIP RETL Extracts Dependency and Scheduling Details (EXTRACTS FOR AIP)**

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
pre_rmse_apk.ksh	AIP Interface	N	N/A	AIP RETL Extracts		Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_alloc_in_well.ksh	AIP Interface	N	N/A	AIP RETL Extracts	pre_rmse_apk.ksh	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_banded_item.ksh	AIP Interface	N	N/A	AIP RETL Extracts	pre_rmse_apk.ksh, dypg	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_of_pa.ksh	AIP Interface	N	N/A	AIP RETL Extracts	pre_rmse_apk.ksh	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_future_delivery_alloc.ksh	AIP Interface	N	N/A	AIP RETL Extracts	pre_rmse_apk.ksh	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_future_delivery_order.ksh	AIP Interface	N	N/A	AIP RETL Extracts	pre_rmse_apk.ksh, vplbid, cntorob	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_future_delivery_sst.ksh	AIP Interface	N	N/A	AIP RETL Extracts	pre_rmse_apk.ksh, reqext	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_item_loc_traits.ksh	AIP Interface	N	N/A	AIP RETL Extracts	pre_rmse_apk.ksh, dypg	Refer to AIP Operations and Installation Guides (dypg (dypg to be executed the day after))	daily	N	N/A
rmse_aip_item_master.ksh	AIP Interface	N	N/A	AIP RETL Extracts	pre_rmse_apk.ksh, recldly	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_item_retail.ksh	AIP Interface	N	N/A	AIP RETL Extracts	pre_rmse_apk.ksh, dypg	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_item_sale.ksh	AIP Interface	N	N/A	AIP RETL Extracts	pre_rmse_apk.ksh, silman	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_item_supp_country.ksh	AIP Interface	N	N/A	AIP RETL Extracts	pre_rmse_apk.ksh, dypg	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_merchier.ksh	AIP Interface	N	N/A	AIP RETL Extracts	pre_rmse_apk.ksh, dypg	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_orghier.ksh	AIP Interface	N	N/A	AIP RETL Extracts	pre_rmse_apk.ksh, dypg	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_rec_dty.ksh	AIP Interface	N	N/A	AIP RETL Extracts	pre_rmse_apk.ksh, vplbid, cntorob, reqext	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_store.ksh	AIP Interface	N	N/A	AIP RETL Extracts	pre_rmse_apk.ksh, storeadd, likestore, dypg	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_substitute_items.ksh	AIP Interface	N	N/A	AIP RETL Extracts	pre_rmse_apk.ksh	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_suppliers.ksh	AIP Interface	N	N/A	AIP RETL Extracts	pre_rmse_apk.ksh	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_tf_in_well.ksh	AIP Interface	N	N/A	AIP RETL Extracts	pre_rmse_apk.ksh, reqext	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_wh.ksh	AIP Interface	N	N/A	AIP RETL Extracts	pre_rmse_apk.ksh, whadd and dypg	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_store_cur_inventory.ksh	AIP Interface	Y	Item_loc_sch (number of AIP RETL Extracts)	pre_rmse_apk.ksh, stklar, wasteadj, salstage, reqext, posupid	(if running delta extract), stklar, wasteadj, salstage, reqext	Refer to AIP Operations and Installation Guides	daily	N	D - single-threaded delta extract F - multi-threaded full extract if ITEM_LOC is partitioned; single-threaded full extract if ITEM_LOC is not partitioned
rmse_wh_cur_inventory.ksh	AIP Interface	Y	Warehouse	AIP RETL Extracts	salstage, reqext	Refer to AIP Operations and Installation Guides	daily	N	D - single-threaded delta extract F - multi-threaded full extract if ITEM_LOC is partitioned; single-threaded full extract if ITEM_LOC is not partitioned

**Allocation Program Dependency and Scheduling Details**

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
AllocSchedulerBatch.ksh	Scheduled Allocation	Y	N/A	N/A	None	None	daily	N	N/A

**RMS to MFP RETL Extracts Dependency and Scheduling Details**

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
pre_rmse_rpas.ksh	Planning/Forecast System Interface	N	N/A	N/A	N/A. This is a pre setup script	N/A	daily	N	N/A
fmmednid	Planning System Interface	N	N/A	ad hoc	N/A	N/A	ad hoc	R	fmmednid userid/passwd
rmse_rpas_merchier.ksh	Planning/Forecast System Interface	N	N/A	N/A	recldly dypg pre_rmse_rpas.ksh silman	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_item_master.ksh	Planning/Forecast System Interface	N	N/A	N/A	recldly dypg pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_orghier.ksh	Planning/Forecast System Interface	N	N/A	N/A	dypg pre_rmse_rpas.ksh storeadd	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_store.ksh	Planning/Forecast System Interface	N	N/A	N/A	dypg pre_rmse_rpas.ksh whadd	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_wh.ksh	Planning/Forecast System Interface	N	N/A	N/A	dypg pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmse_mfp_onorder.ksh	MFP System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to MFP Operations guide	Weekly	N	N/A rmse_mfp_inventory.ksh I or W
rmse_mfp_inventory.ksh	MFP System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to MFP Operations guide	Weekly	N	Note: I - Trivial load W - Weekly load





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## Interface Diagrams for RMS and RPAS

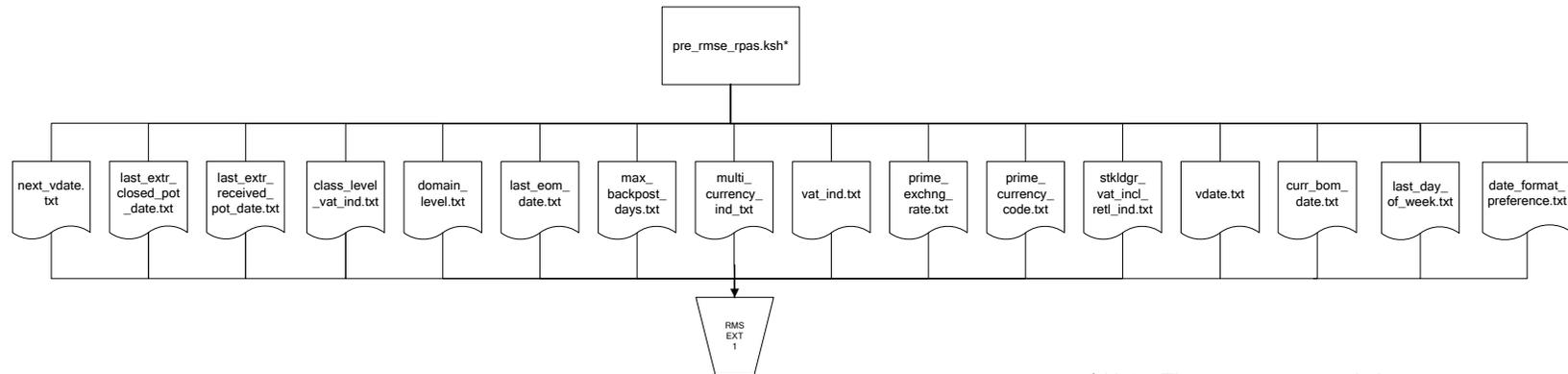
Because RMS is the retailer's central merchandising transactional processing system, it is the principle source of the foundation data needed in some of the Oracle Retail suite of products. RMS provides foundation data to RPAS, and RPAS provides planning data to RMS.

This chapter presents flow diagrams for data processing from sources. The source system's program or output file is illustrated, along with the program or process that interfaces with the source. After initial interface processing of the source, the diagrams illustrate the flow of the data.

Before setting up a program schedule, familiarize yourself with the functional and technical constraints associated with each program. Refer to the *Oracle Retail Merchandising System Operations Guide* for more information about these interface programs.

## RMS Pre/Post Extract Diagrams

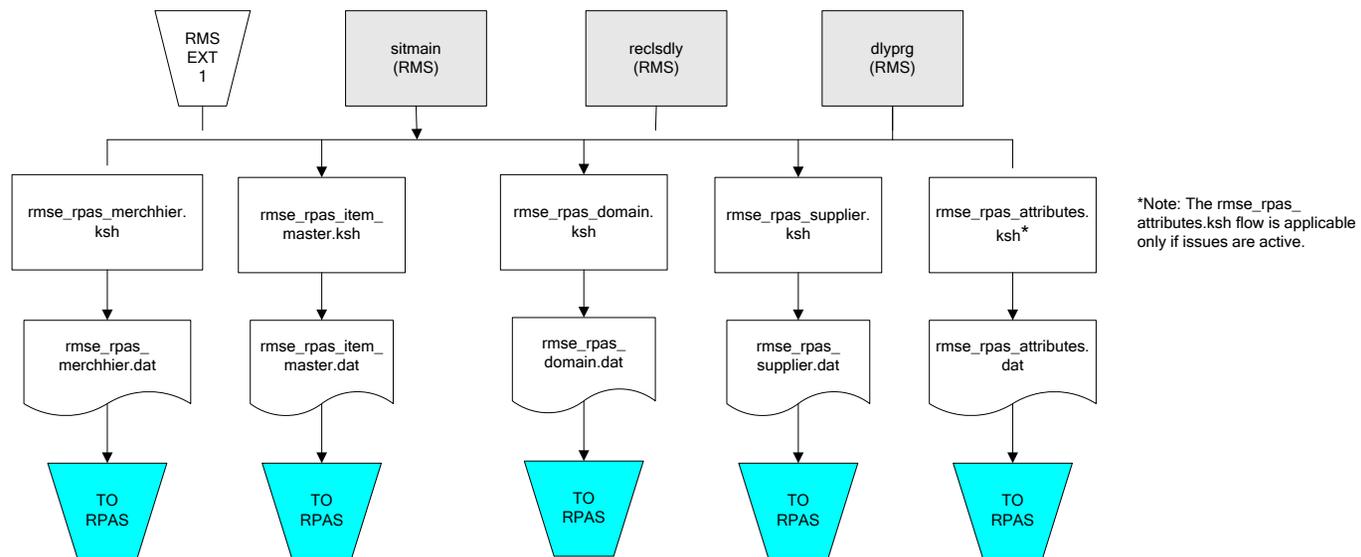
### RMS Pre RETL Extract Maintenance



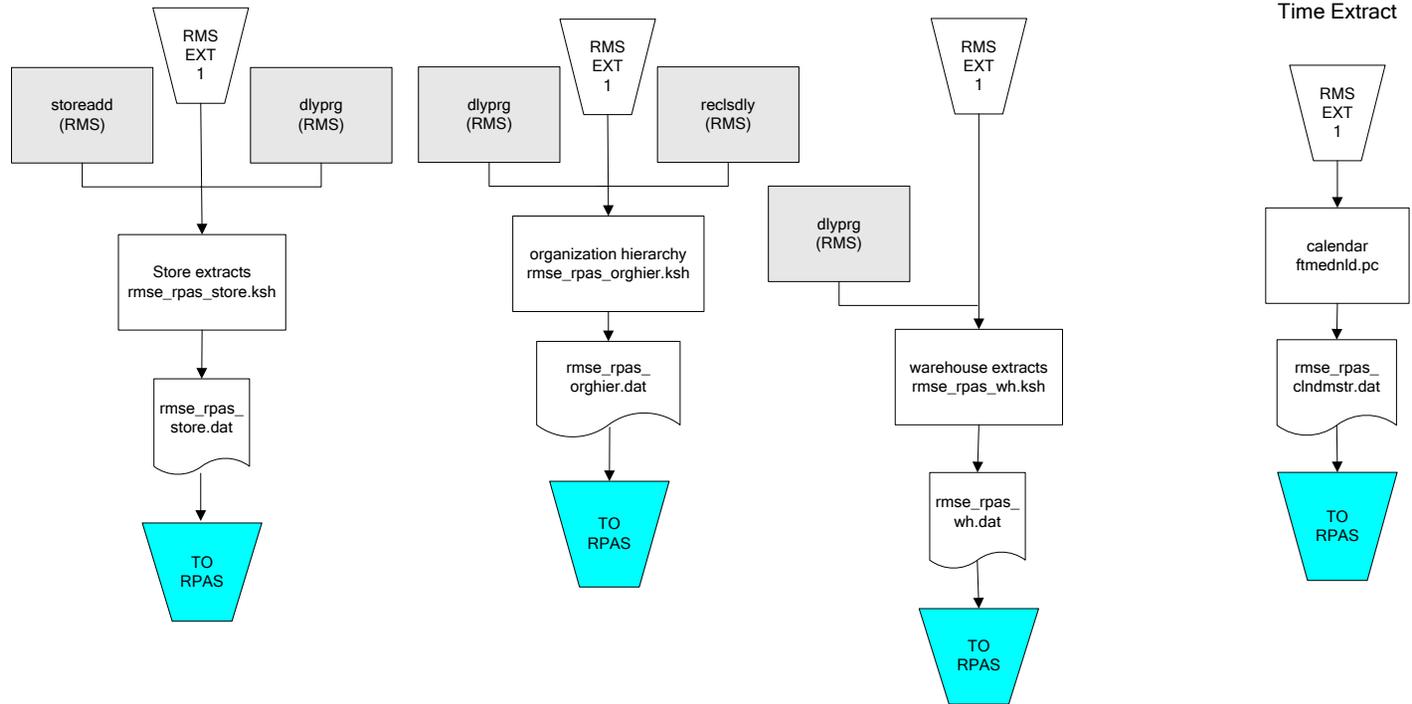
\* Note: The pre\_rmse\_rpas.ksh program checks for existing .txt output files. Because of this validation, retailers running the program for the first time should include an optional -c parameter. This parameter allows the program to run successfully without pre-existing .txt output files.

## RMS Foundation Data Extract Diagrams

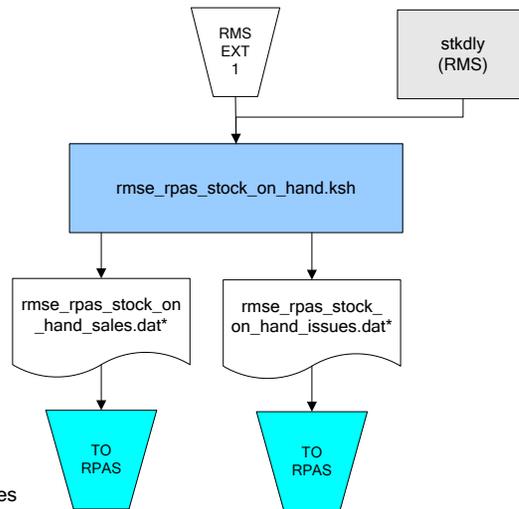
Merchandise Hierarchy for RPAS



### Organization Hierarchy for RPAS



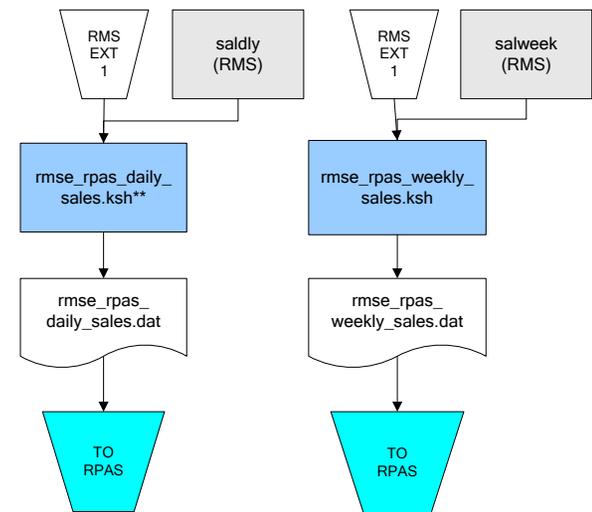
## RMS Fact Data Extract Diagrams



\* Note:  
 If issues are active, the following two files result from the rmse\_rpas\_stock\_on\_hand.ksh flow:  
 rmse\_rpas\_stock\_on\_hand\_issues.dat  
 rmse\_rpas\_stock\_on\_hand\_sales.dat

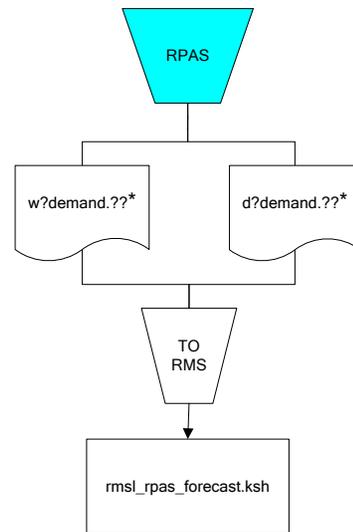
If issues are not active, the following file results from the rmse\_rpas\_stock\_on\_hand.ksh flow:  
 rmse\_rpas\_stock\_on\_hand\_sales.dat

## Sales Extracts For RPAS



\*\* Note:  
 Depending upon the configuration of rmse\_rpas\_daily\_sales.ksh, the data can be pulled from TRAN\_DATA\_HISTORY or TRAN\_DATA.

## RPAS-RMS Fact Load Diagram



\*Note:

? can represent the following:

- i (for issues)
- s (for stores)

?? represents domain 01-99.

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## Interface Diagrams for RMS and MFP

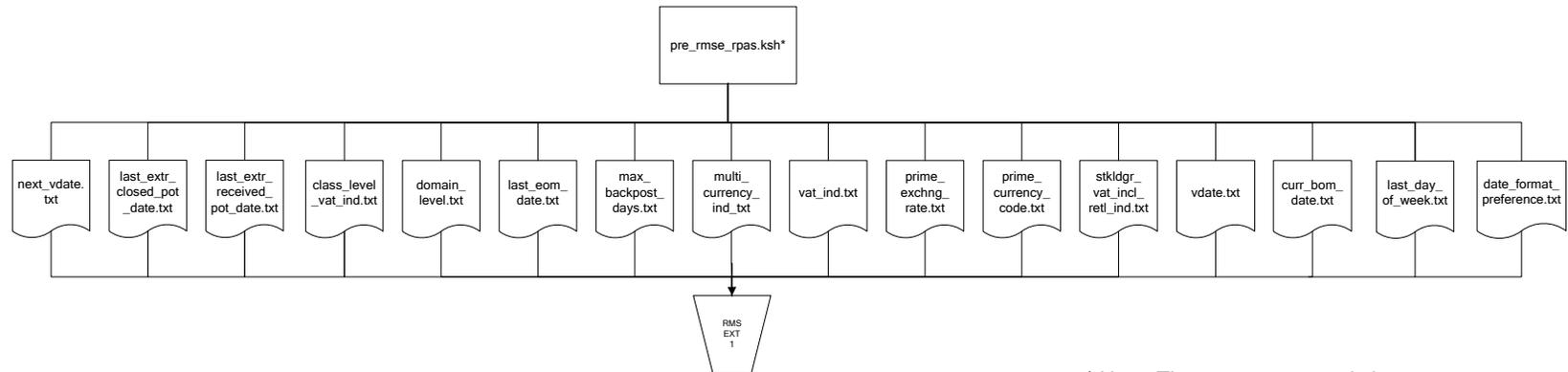
Because RMS is the retailer's central merchandising transactional processing system, it is the principle source of the foundation data needed in some of the Oracle Retail suite of products. RMS provides foundation data to RPAS, and RPAS provides planning data to RMS.

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## RMS Pre/Post Extract Diagrams

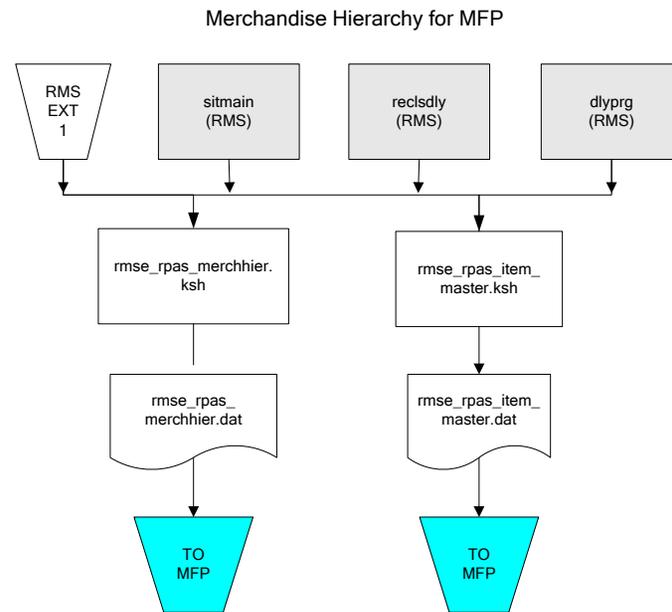
### RMS Pre RETL Extract Maintenance



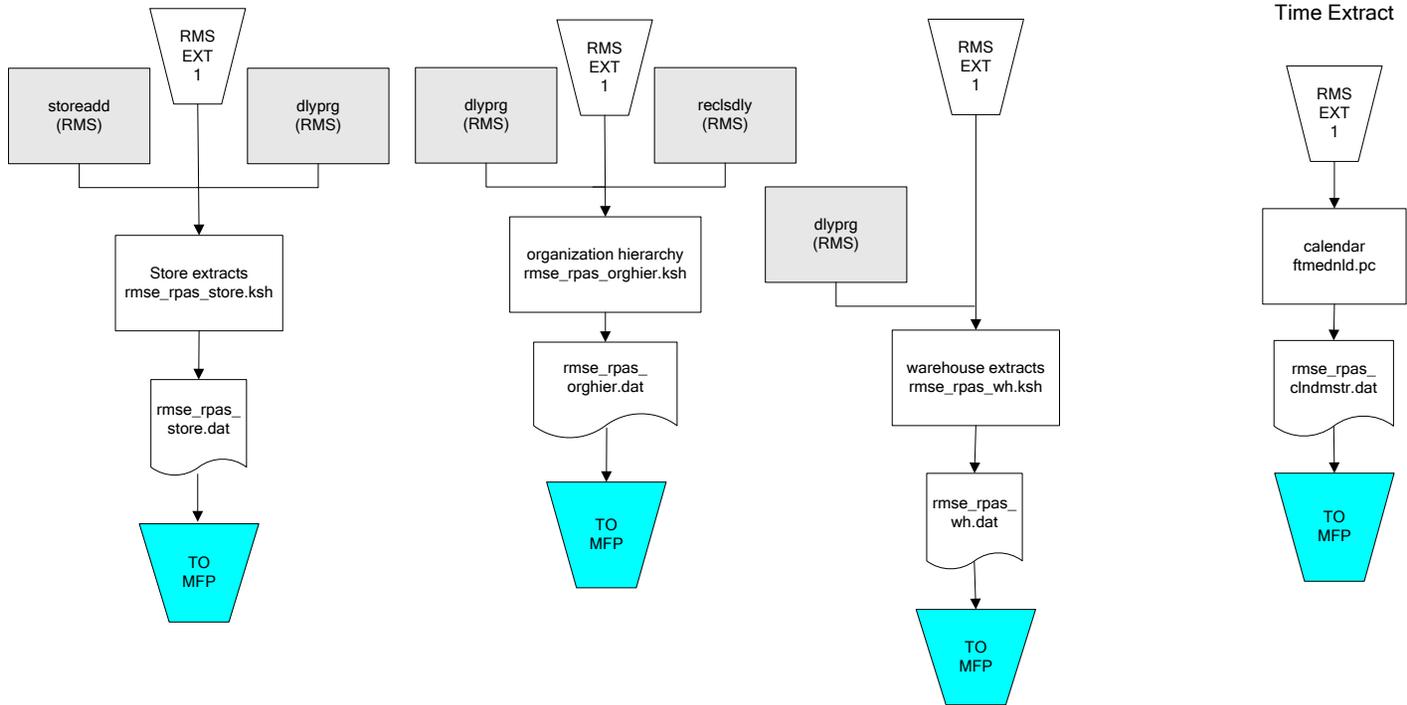
\* Note: The pre\_rmse\_rpas.ksh program checks for existing .txt output files. Because of this validation, retailers running the program for the first time should include an optional -c parameter. This parameter allows the program to run successfully without pre-existing .txt output files.

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## RMS Foundation Data Extract Diagrams



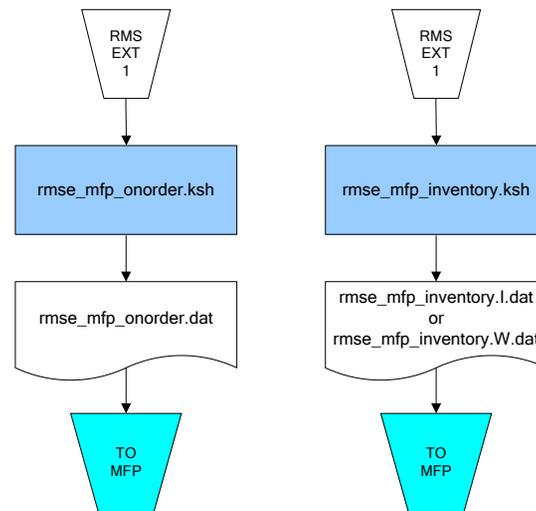
### Organization Hierarchy for MFP



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## RMS Fact Data Extract Diagrams

### Integration Extracts for MFP



Note:  
I is for initial load and W is  
for weekly load..



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## Interface Diagrams for RMS and RDW

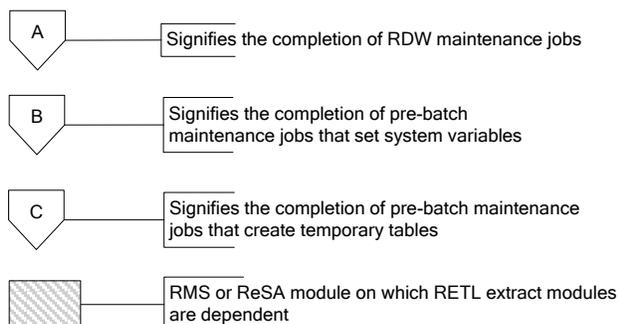
RMS works in conjunction with the Oracle Retail Extract Transform and Load (ETL) framework. ETL provides high-performance processing to extract data from Oracle Retail applications for use in data warehouses. The architecture allows database batch processes to take advantage of parallel processing capabilities.

This chapter presents flow diagrams for the ETL extraction RMS programs. The source system's program or output file is illustrated, along with the program or process that interfaces with the source. Note that the data flows are organized according to the logic (dimension data and table data) of Oracle Retail Data Warehouse (RDW), but you can use the data to suit your business needs.

For detailed information about dimensions and facts, see the *Oracle Retail Data Warehouse Operations Guide*.

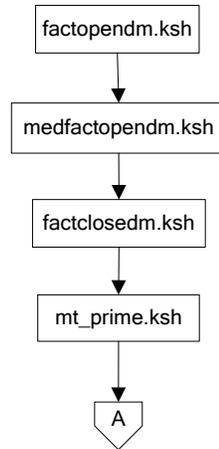
For summary information about the configuration, architecture, and features of ETL programs utilized in RMS/ReSA extractions, see the *Oracle Retail Management System Operations Guide Volume 3—Backend Configuration and Operations*. For more information about the ETL tool, see the current *ETL Programmer's Guide*.

### Legend

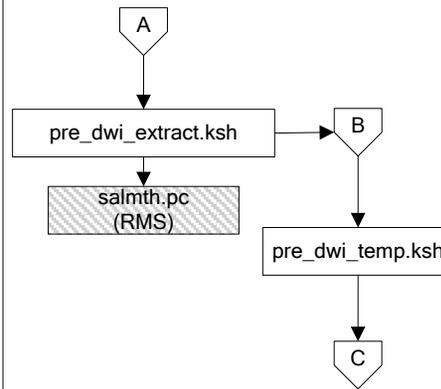


Note:  
 The modules in this flow are RDW RETL scripts. If the retailer uses RDW, this flow must be completed before starting the pre-batch maintenance flow. If the retailer does not use RDW, these jobs are not required.

### RDW Maintenance

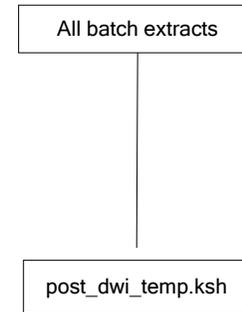


### Pre-Batch Maintenance

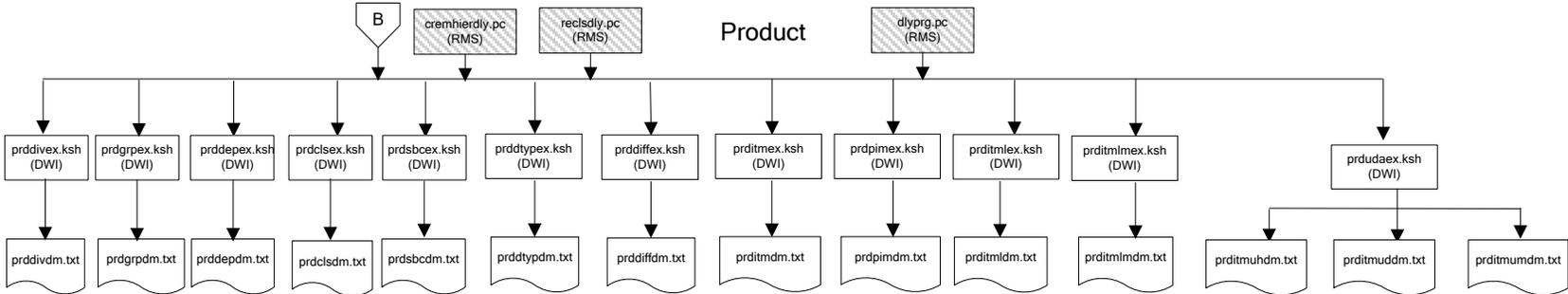


Note:  
 salmth.pc resets the last eom\_date. Thus, it must be run after the system indicator is extracted by pre\_dwi\_extract.ksh.

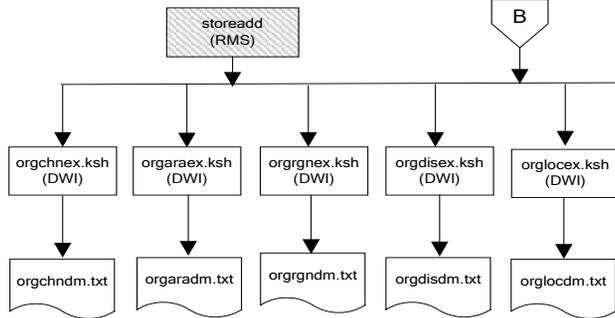
### Post-Batch Maintenance



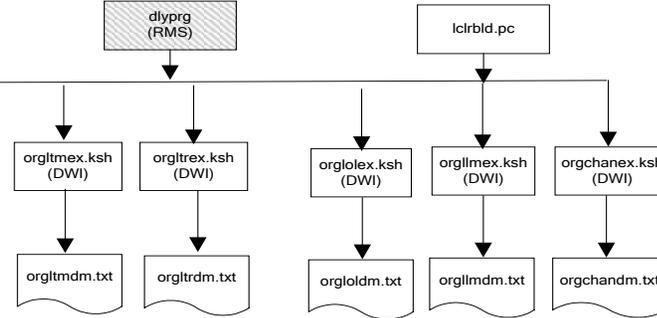
# Dimension Dataflows



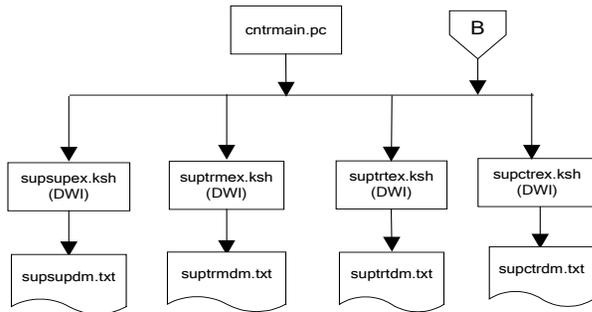
### Dimension Dataflows



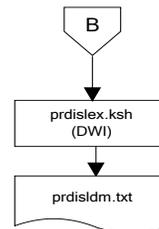
### Organization



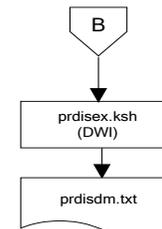
### Supplier Dimension



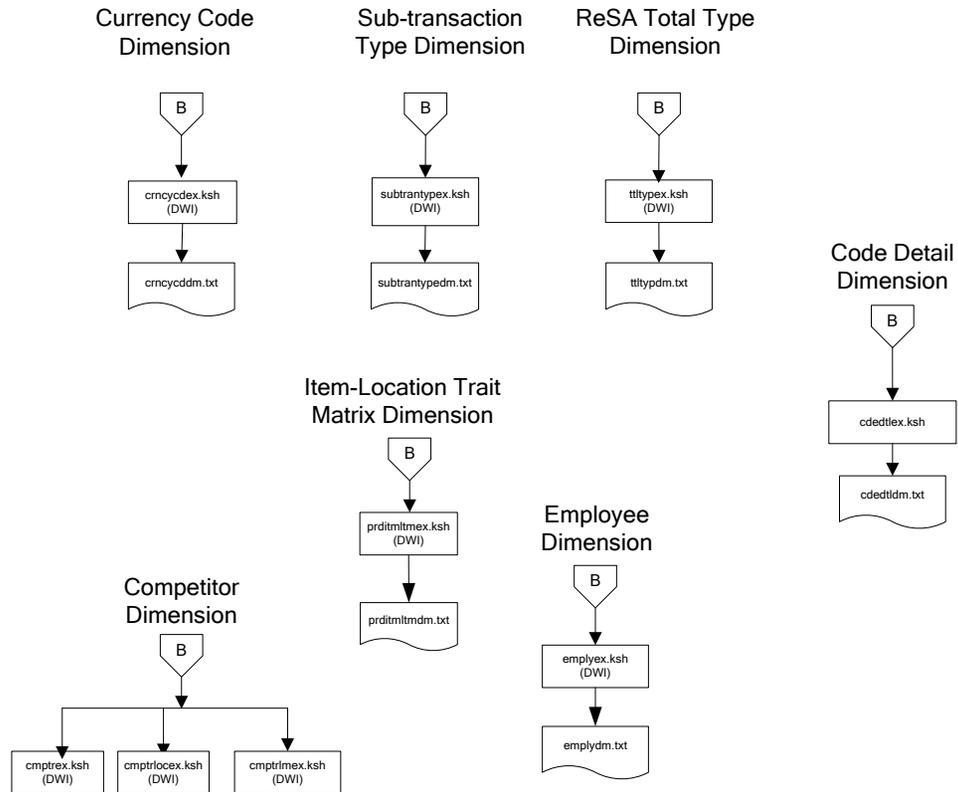
### Item-Supplier-Location Matrix Dimension



### Item-Supplier Dimension

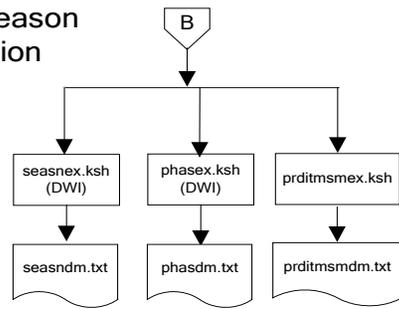


## Dimension Dataflows

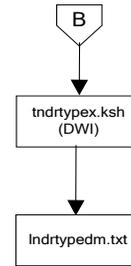


## Dimension Dataflows

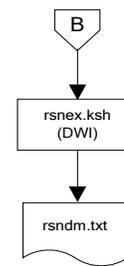
### Product Season Dimension



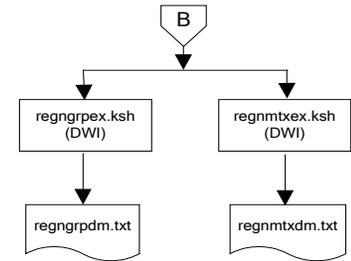
### Tender Type Dimension



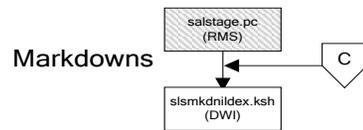
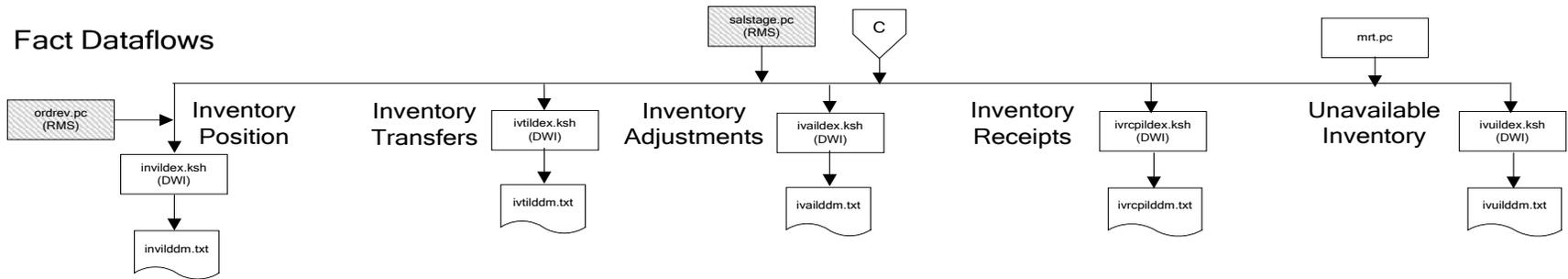
### Reason Dimension



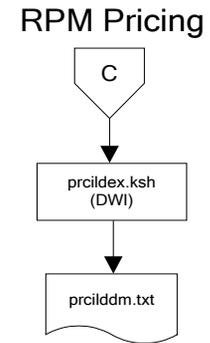
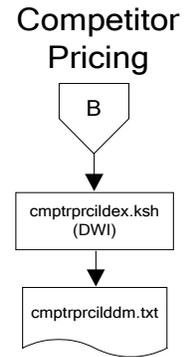
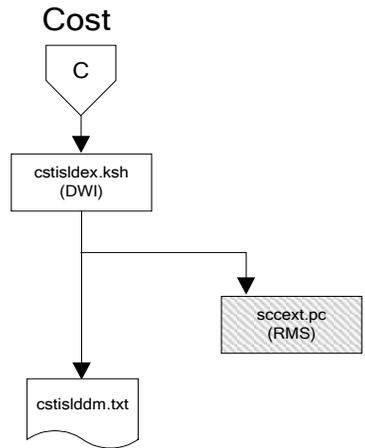
### Regionality Dimension



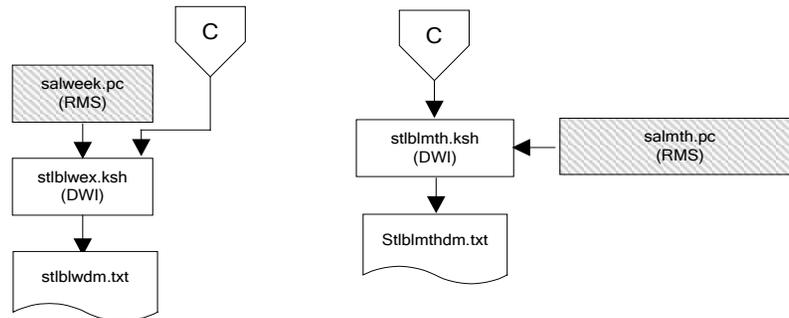
## Fact Dataflows



## Fact Dataflows

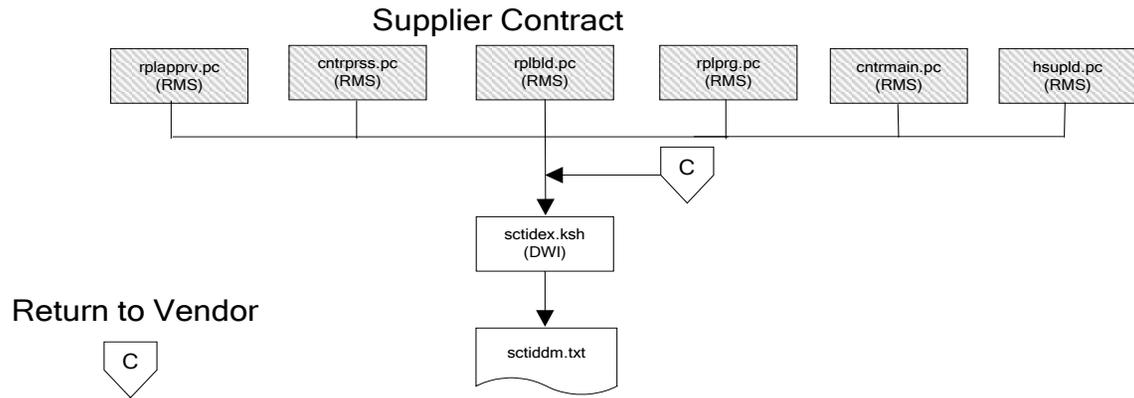
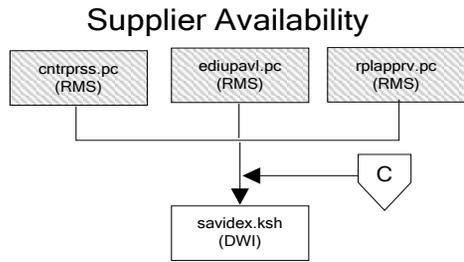


## Stock Ledger

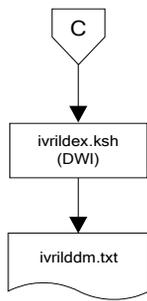


**Note:**  
Run stock ledger fact loads once weekly.

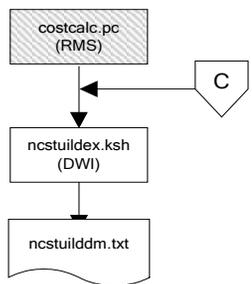
# Fact Dataflows



### Return to Vendor

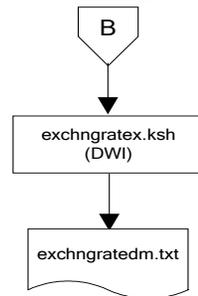


### Net Cost

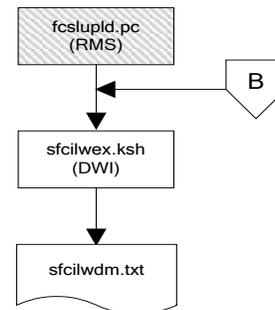


## Fact Dataflows

### Exchange Rates

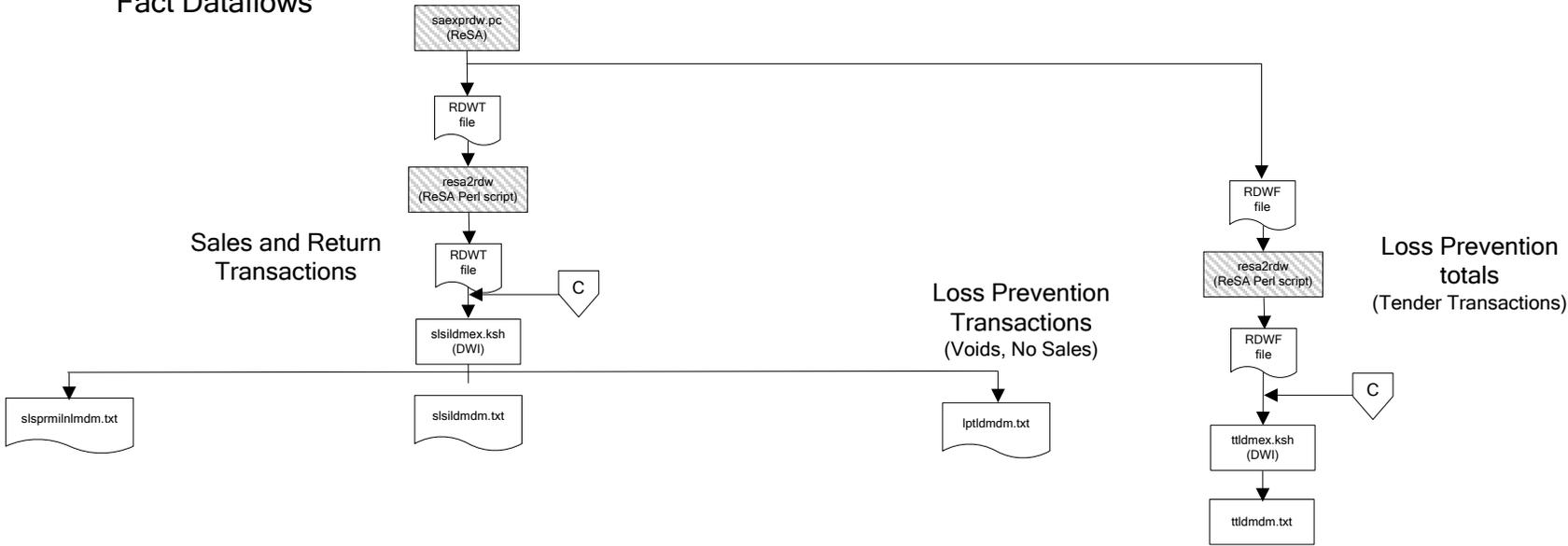


### Sales Forecasts

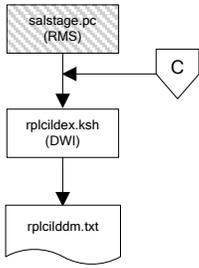


**Note:**  
Run sales forecast fact loads  
once weekly.

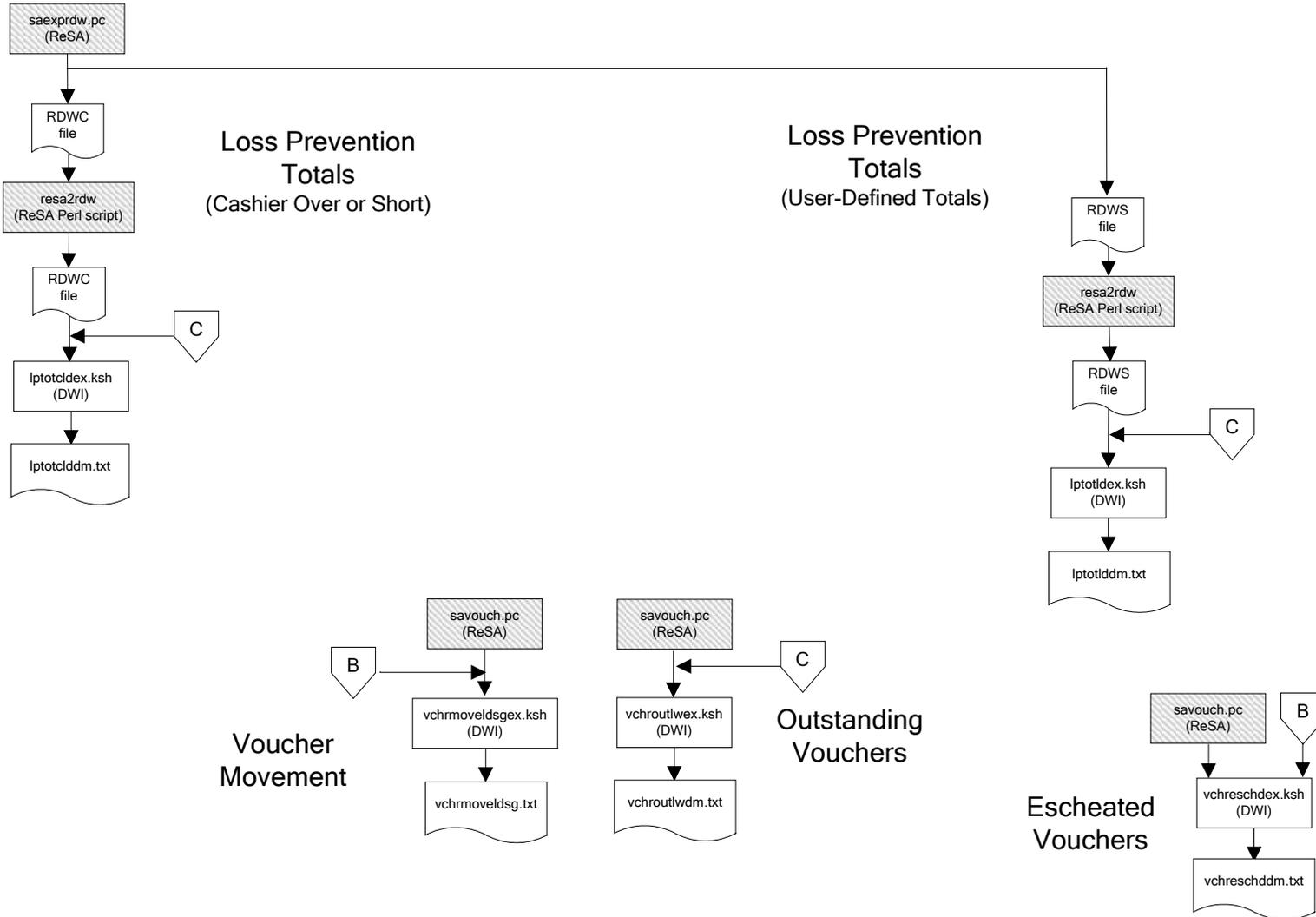
### Fact Dataflows



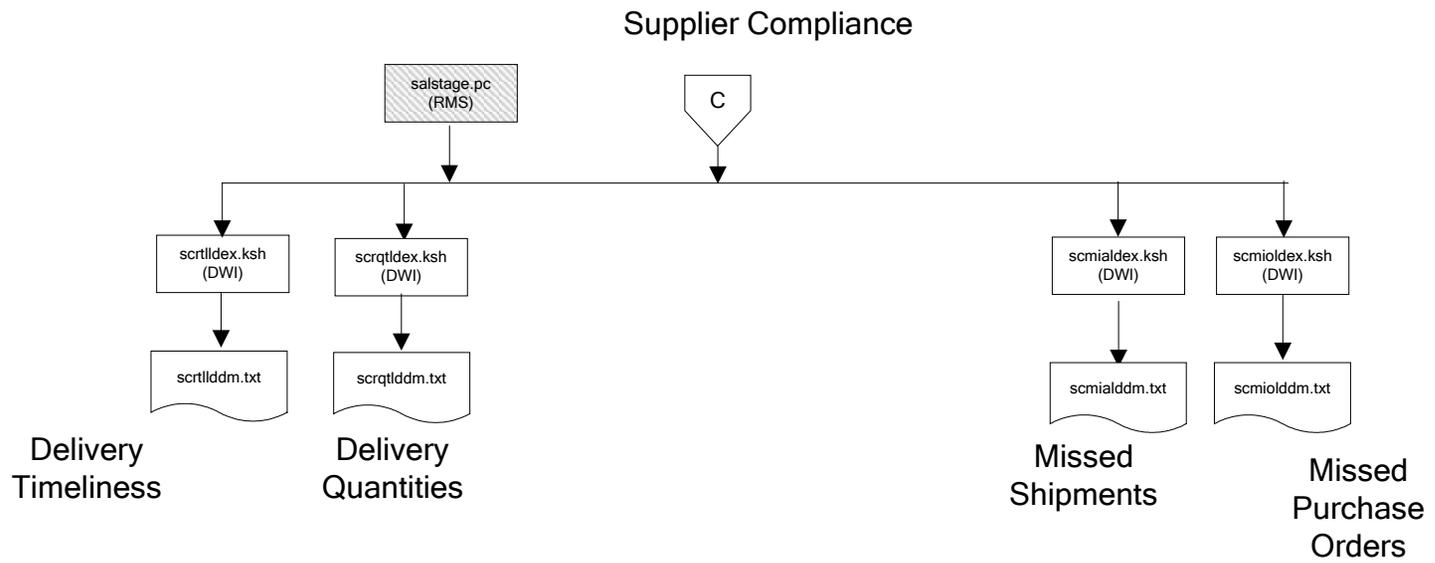
### Replacement



# Fact Dataflows



## Fact Dataflows



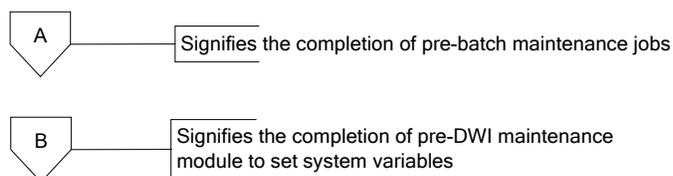
## Interface Diagram for RPM and RDW

This following program flow diagram shows the RETL extraction program that extracts the Promotion dimension from RPM through the Data Warehouse Interface (DWI). The diagram shows the output files and the scripts that interface with the source. Note that the outputs are based on the logic (dimension data and table data) of Oracle Retail Data Warehouse (RDW), but you can use the data to suit your business needs.

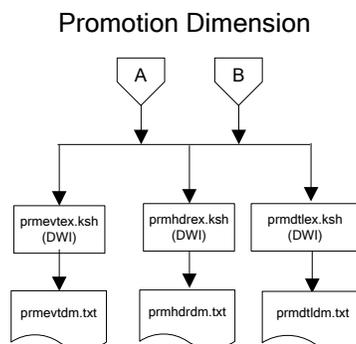
For detailed information about dimensions and facts, see the *Oracle Retail Data Warehouse Operations Guide*.

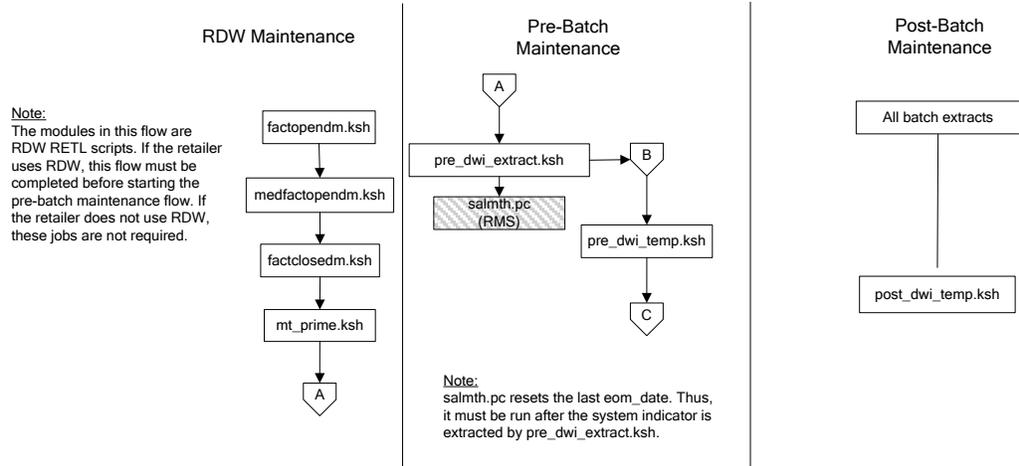
See the *Oracle Retail Merchandising System Operations Guide Volume 1—Batch Overviews and Designs* for more information about the modules shown in the following diagram.

### Legend



### Program Flow Diagram





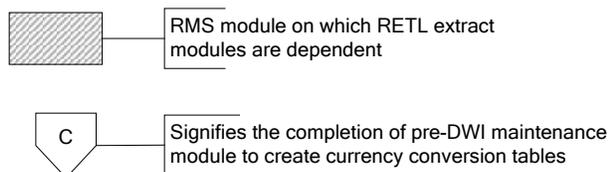
## Interface Diagram for ReIM and RDW

This following program flow diagram shows the RETL extraction program that extracts the Promotion dimension from ReIM through the Data Warehouse Interface (DWI). The diagram shows the output files and the scripts that interface with the source. Note that the outputs are based on the logic (dimension data and table data) of Oracle Retail Data Warehouse (RDW), but you can use the data to suit your business needs.

For detailed information about dimensions and facts, see the *Oracle Retail Data Warehouse Operations Guide*.

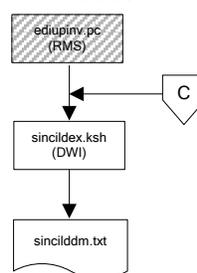
See the *Oracle Retail Merchandising System Operations Guide Volume 1—Batch Overviews and Designs* for more information about the modules shown in the following diagram.

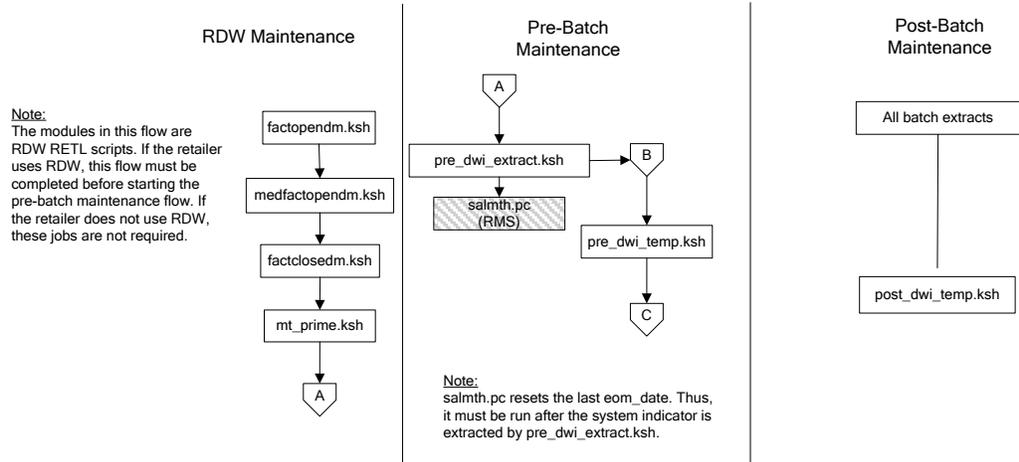
### Legend



### Program Flow Diagram

#### Supplier Invoice Cost





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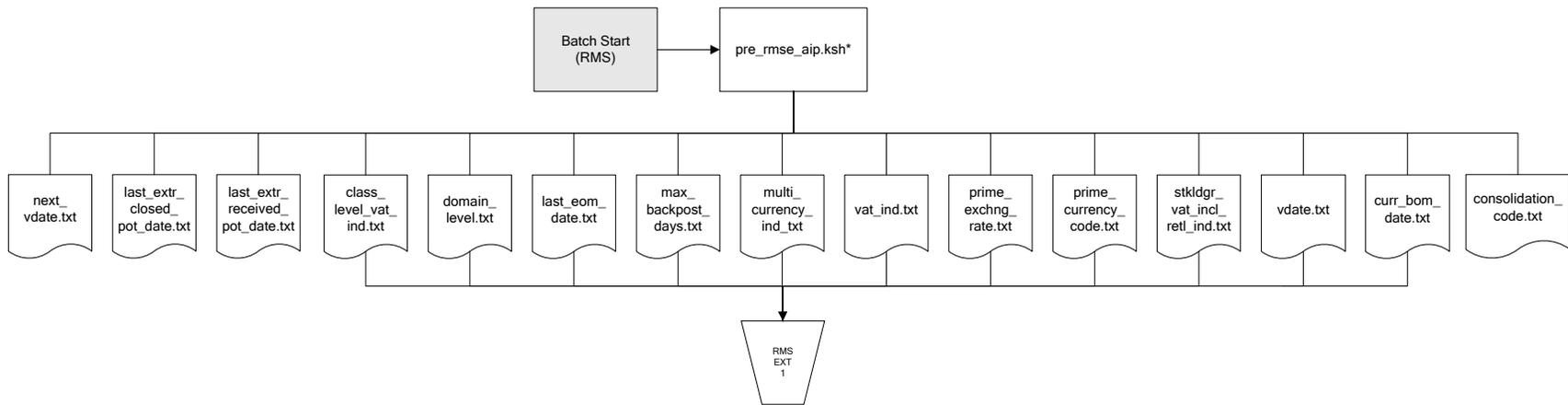
## Interface Diagrams for RMS and AIP

This chapter presents flow diagrams for RETL extract data processing from RMS to AIP. The RMS program or output file is illustrated, along with the program or process that interfaces with the source. The diagrams illustrate the flow of the data after initial interface processing of the source.

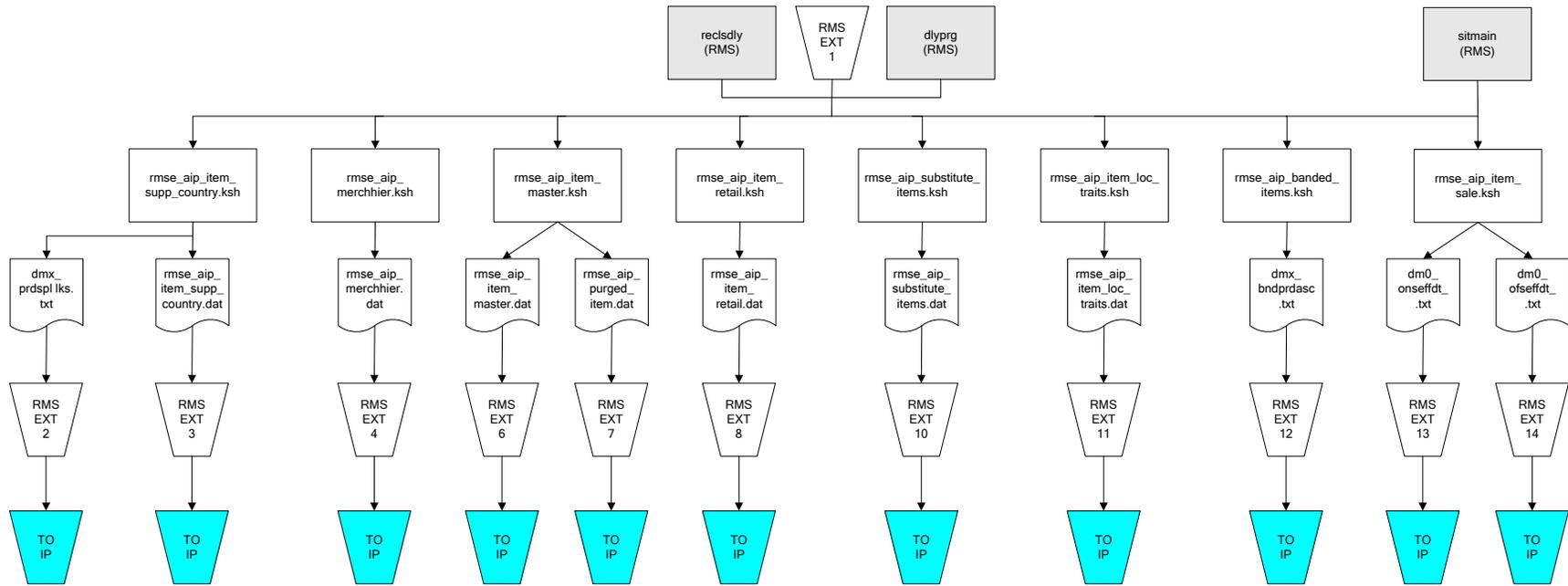
Before setting up a program schedule, familiarize yourself with the functional and technical constraints associated with each program. See the *Oracle Retail Merchandising System Operations Guide Volume 1—Batch Overviews and Designs* for more information about the modules shown in the following diagrams.

## RMS Pre/Post Extract Diagrams

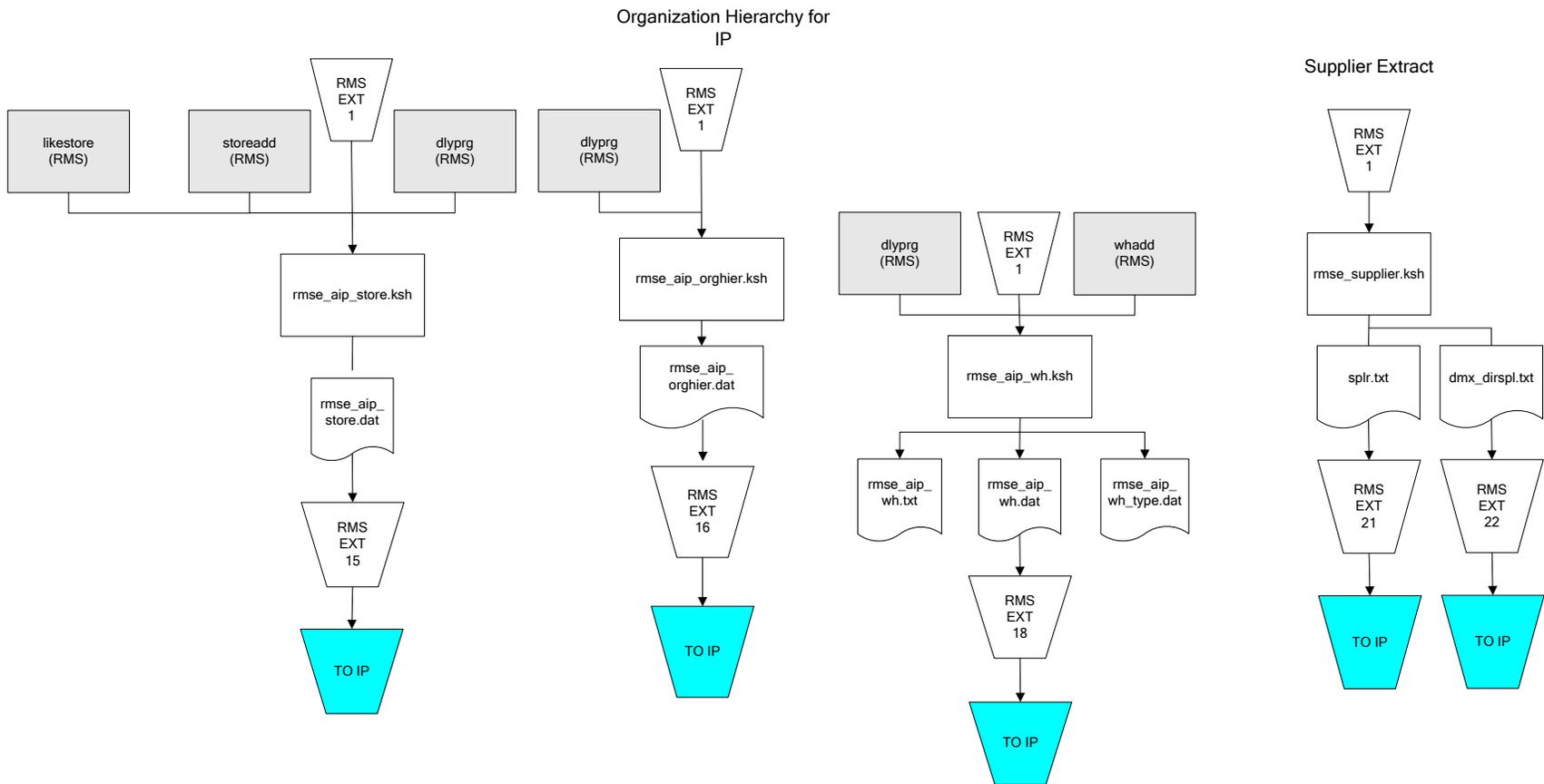
RMS Pre RETL Extract Maintenance



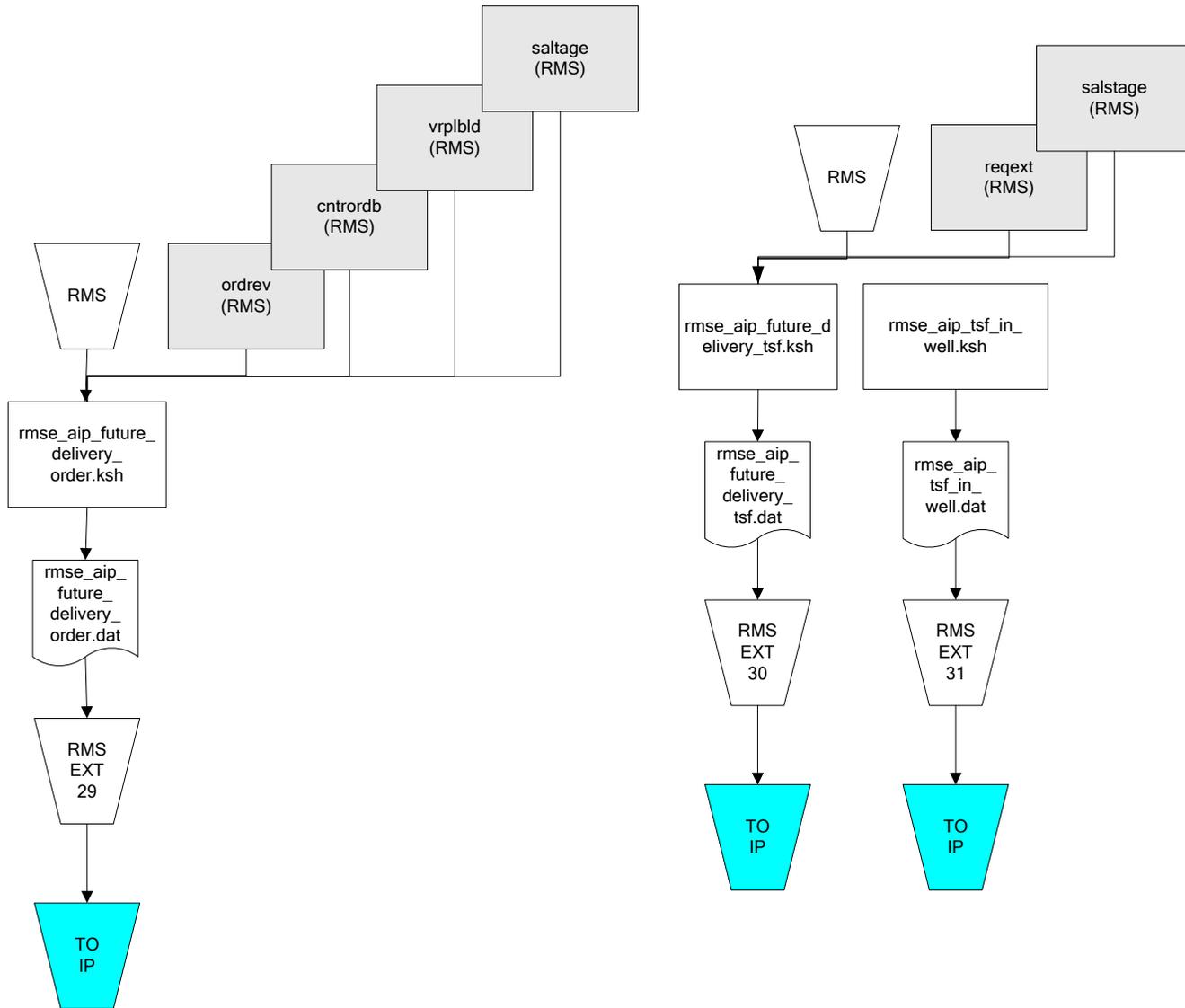
# RMS Foundation Data Extract Diagrams



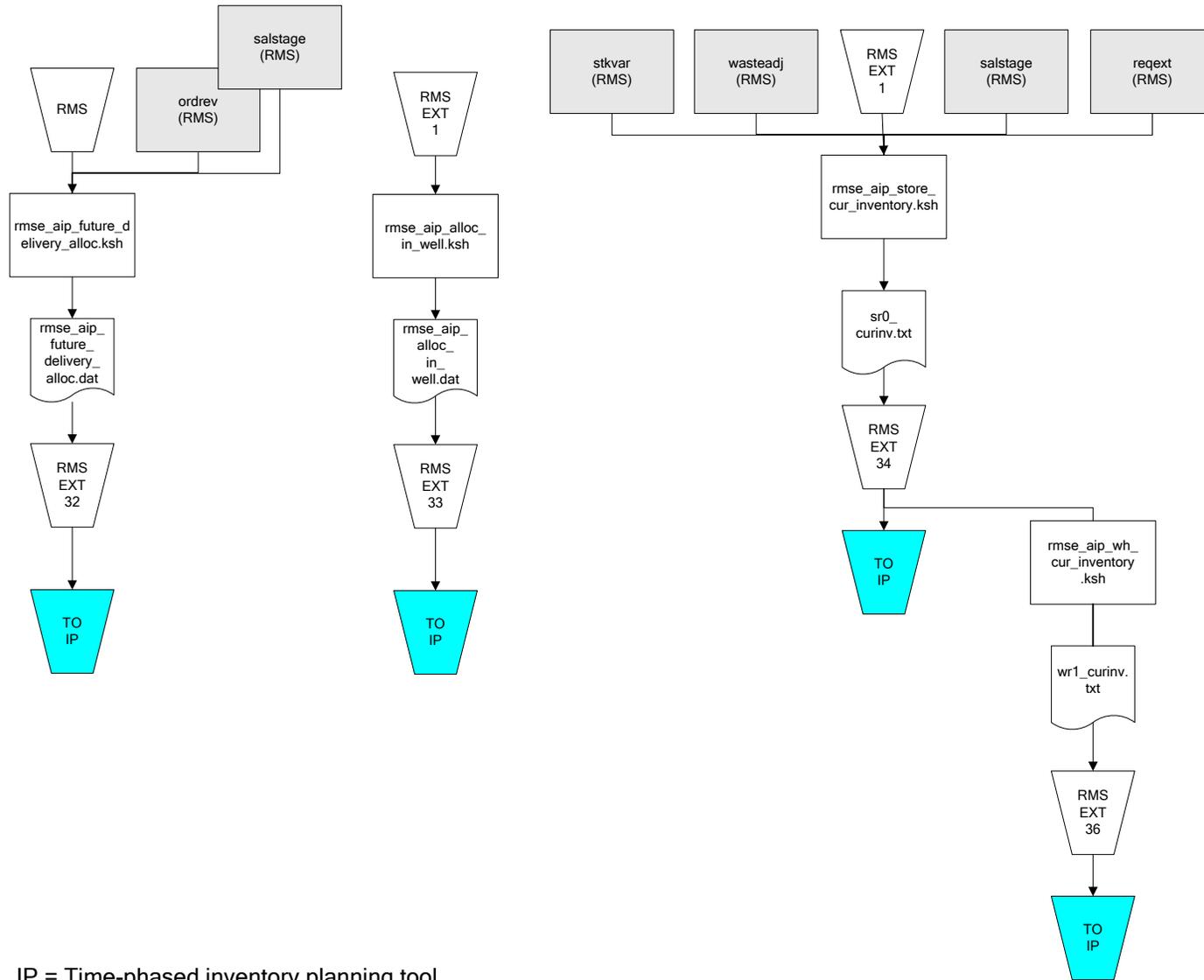
IP = Time-phased inventory planning tool

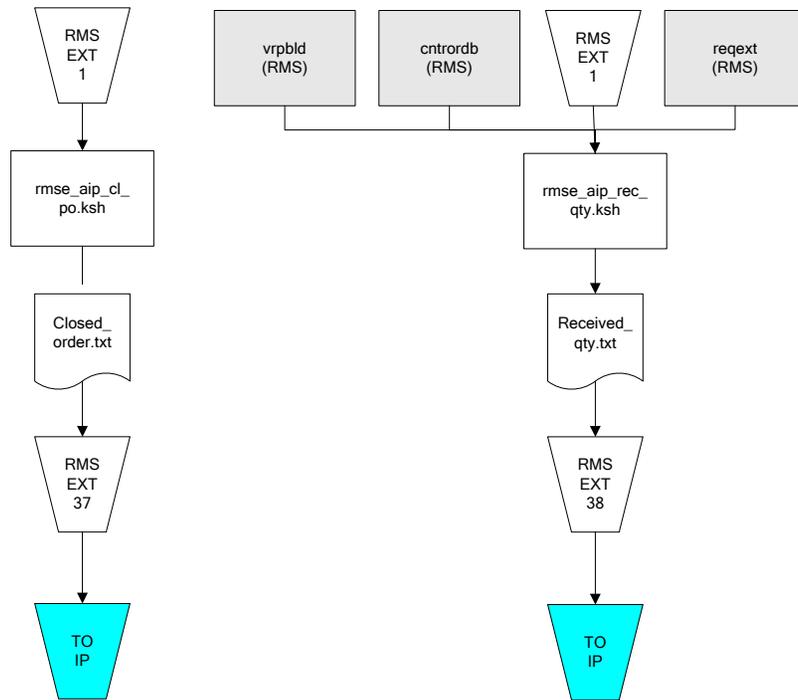


IP = Time-phased inventory planning tool



IP = Time-phased inventory planning tool





IP = Time-phased inventory planning tool