

**Oracle® Retail Merchandising**

Batch Schedule

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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 Merchandising System Operations Guide
- Oracle Retail Price Management Operations Guide
- Oracle Retail Invoice Matching Operations Guide
- Oracle Retail Data Warehouse Operations Guide
- Oracle Retail Predictive Application Server documentation
- Oracle Retail Demand Forecasting documentation

## Customer Support

<https://metalink.oracle.com>

When contacting Customer Support, please provide the following:

- 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

If you are installing the application for the first time, you install either a base release (for example, 13.0) or a later patch release (for example, 13.0.2). If you are installing a software version other than the base release, be sure to read the documentation for each patch release (since the base release) before you begin installation. Patch documentation can contain critical information related to the base release and code changes that have been made since the base release.

## Oracle Retail Documentation on the Oracle Technology Network

In addition to being packaged with each product release (on the base or patch level), all Oracle Retail documentation is available on the following Web site (with the exception of the Data Model which is only available with the release packaged code):

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

Documentation should be available on this Web site within a month after a product release. Note that documentation is always available with the packaged code on the release date.

## 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.”

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**Note:** This is a note. It is used to call out information that is important, but not necessarily part of the procedure.

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This is a code sample  
It is used to display examples of code

A hyperlink appears like this.

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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 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.

### 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.

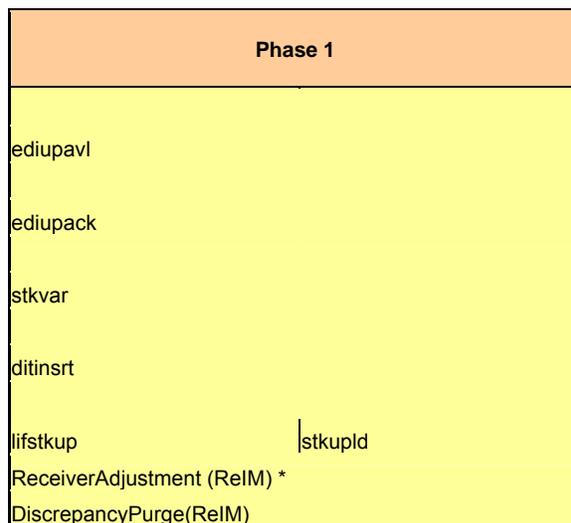
The following are brief descriptions of the Merchandising batch processing phases. Depending on your implementation, some programs and phases may not apply.

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 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	Description
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.

lifstkup	stkupld
----------	---------

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

ociroq	cntrorldb reqext
--------	---------------------

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

ibexpl cntprss	ibcalc
-------------------	--------

### 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, pre-processing is required before running the ociroq program.

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

In the following example, pre-processing 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 sccext program.

<b>sccext</b>	<b>post</b>
---------------	-------------

## 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 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 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 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_orpos_extract.ksh	Point of Sale Interface	Y	Store	4	extraction script	N/A	daily	N	batch_orpos_extract.ksh user/passwd [-p <no. of threads>] [DIR - location where extracts are to be generated]
ccprg	Costing	N	N/A	ad hoc	RPMtoORPOSPublishExport.sh	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
cmprrg	Pricing	N	N/A	ad hoc	N/A	N/A	daily	N	cmprrg user/passwd
cmpupld	Pricing	N	N/A	ad hoc	N/A	All RPM batch modules	ad hoc	R	cmpupld 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
cntrprss	Contracting	Y	Dept	3	rplexj	rplbid	daily	R	cntrprss user/passwd
costcalc	Deals	Y	Supplier	2	dtinsrt	prepost costcalc	daily	R	costcalc user/passwd supplier (May use the batch_costcalc.ksh for launching this program as it is created based on performance considerations)
cremhierdy	Reclassification	N	N/A	4	N/A	prepost cremhierdy	daily	R	cremhierdy user/passwd
dealact	Deals	Y	Deal Id	3	prepost dealact_nor pre	N/A	daily	R	dealact user/passwd
dealcts	Deals	N	N/A	3	prepost dealact_sales pre	N/A	daily	R	dealcts user/passwd
dealdy	Deals	Y	Location	3	dealinc	prepost dealdy pos	monthly	R	dealdy user/passwd
dealex	Deals	Y	Deal Id	3	prepost dealinc	reclsdly	daily	N	dealex user/passwd
dealct	Deals	Y	Deal Id	3	dealact	dealfct	daily	R	dealct user/passwd [Y/N - EOM processing ind]
dealinc	Deals	Y	Deal Id	3	dealact	dealfct	weekly/ad hoc	R	dealinc user/passwd
dealinc	Deals	Y	Deal Id	3	prepost dealinc pre	salmth (if monthly)	monthly	R	dealinc user/passwd [Y/N - EOM processing ind]
dealprg	Deals	N	N/A	ad hoc	N/A	N/A	monthly	R	dealprg user/passwd
dealupld	Deals	Y	File-based	0	(This program is the first one in Deals batch (This program will likely be run after sales information is uploaded into Oracle Retail))	(All other deals programs)	daily	R	dealupld user/passwd input_file reject_fil
dftbld	Item Maintenance	Y	Dept	3	ordscnt	(SQL*Load the output file)	daily	R	dftbld user/passwd outfile
discoctbaply	OTB	Y	Dept	4	ordscnt	N/A	daily	R	discoctbaply user/passwd
distropcpub	Pricing/Transfers/Allocation Publish	Y	Store	3	PriceEventExecutionBatch(RPM)	N/A	daily	R	distropcpub user/passwd
ditnrt	Deals	N	N/A	1	N/A	costcalc	daily	R	appropriate calling script and passed into program. Note: (May use the batch_ditnrt.ksh for launching this program as it is created based on performance considerations)
dybrg	Maintenance	N	N/A	0	N/A	(All other batch programs)	daily	N	dybrg user/passwd
dcclose	Receiving	N	N/A	ad hoc	N/A	N/A	daily	R	dcclose user/passwd
dtsys	Calendar	N	N/A	date_set	(This program should run at the end of the batch cycle)	prepost dtsys post	daily	N	dtsys user/passwd [ndate--YYYYMMDD format]
dummyctn	Receiving	N	N/A	ad hoc	N/A	N/A	daily	N	dummyctn user/passwd
ediadd	Maintenance	N	N/A	ad hoc	N/A	N/A	ad hoc	N	ediadd user/passwd ediadd_output ediadd_catalo
edidcon	Contracting	N	N/A	ad hoc	N/A	N/A	ad hoc	N	edidcon user/passwd edidcon_outfil
edidlinv	Invoice Matching	Y	Location	4	N/A	N/A	daily	R	edidlinv user/passwd output_filename
edidord	Ordering	N	N/A	4	ordrev	(and after replenishment)	ad hoc	R	edidord user/passwd filename
edidprd	EDI Interface - Sales and Inventory	N	N/A	4	prepost edidprd pre	prepost edidprd pos	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_fil
edupack	EDI Interface - ordering	N	N/A	1	N/A	N/A	ad hoc	R	edupack user/passwd data_file reject_fil
edupavl	EDI Interface - Contracts	N	File-based	1	N/A	N/A	daily	R	edupavl user/passwd input_file reject_fil
edupcat	EDI Interface - Suppliers	N	File-based	ad hoc	N/A	N/A	daily	R	edupcat user/passwd edi_data_file error_fil
fcstrprg	Forecasting	Y	Domain Id	ad hoc	prepost fcstrprg pre	prepost fcstrprg post	daily	N	fcstrprg 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	prepost fcstrbid post	weekly	R	fcstrbid_sbc user/passwd
fflgdn1	Financial Interface	Y	Dept	3	salapnd	salapnd	daily	R	fflgdn1 user/passwd
fflgdn2	Financial Interface	Y	Dept	3	salapnd	salapnd	daily	R	fflgdn2 user/passwd
fflgdn3	Financial Interface	Y	Store/Wh	3	salmth	N/A	monthly	R	fflgdn3 user/passwd
fmednid	Planning System Interface	N	N/A	ad hoc	N/A	N/A	ad hoc	R	fmednid user/passwd
gcupld	Misc Interface - Taxgeocode	N	N/A	ad hoc	N/A	N/A	ad hoc	R	gcupld -username/password@environment> <infile> <outfile>
genpreiss	Ordering	Y	Supplier	ad hoc	N/A	N/A	ad hoc	R	genpreiss user/passwd
gradupld	Forecasting	N	File-based	ad hoc	N/A	N/A	ad hoc	R	gradupld user/passwd input_file rej_fil
hsbdb	Sales	Y	Location	3	prepost hsbdb pre (for rebuild all)	prepost hsbdb post	weekly	R	hsbdb user/passwd level/(weekly/rebuild)
hsbdb_diff	Sales	N	N/A	ad hoc	hsbdb	N/A	ad hoc	N	hsbdb_diff user/passwd
hsbdbmth	Sales	N	Dept	3	posupld	prepost hsbdbmth post	monthly	R	hsbdbmth user/passwd level/(monthly/rebuild)
hsbdbmth_diff	Sales	N	N/A	ad hoc	N/A	prepost hsbdbmth post	ad hoc	N	hsbdbmth_diff user/passwd
hstmthupd	Sales	Y	Location	3	(The program should be run on the last day of the month).	HSTMTHUPD.PC for non-existent records on ITEM_LOC_HIST_MTH)	monthly	R	hstmthupd user/passwd (out_file)
hstrprg	Sales	N	N/A	ad hoc	N/A	N/A	monthly	N	hstrprg user/passwd
hstrprg_diff	Sales	N	N/A	ad hoc	N/A	N/A	weekly	N	hstrprg_diff user/passwd
hstwkupd	Sales	Y	Store/Wh	3	N/A	Run SQL*Loader using the control file hstwkupd.ctl to load data from the output file written by HSTWKUPD.PC for non-existent records on ITEM_LOC_HIST	weekly	R	hstwkupd user/passwd (out_file)
hstwkupd	Sales	Y	Store/Wh	3	N/A	Hs240_to_2400 (perl script)	weekly	R	hstwkupd user/passwd input_file reject_file country_id ; perl hts_240_to_2400 inputfile outfile ; perl ushts2rms
hstupid	Trade Management	Y	File-based	ad hoc	prepost hstupid pre	N/A	ad hoc	R	hstupid user/passwd input_file reject_file
ibcalc	Investment Buy	Y	Dept	3	replexj	prepost ibcalc pre	daily	R	ibcalc user/passwd
ibexpl	Investment Buy	N	N/A	3	rplexj	rplbid	daily	N	ibexpl user/passwd
invaprg	Inventory Adjustments	N	N/A	ad hoc	N/A	N/A	monthly	N	invaprg user/passwd
invclshp	Invoice Matching	N	N/A	2	N/A	N/A	daily	N	invclshp user/passwd
invprg	Invoice Matching	N	N/A	ad hoc	ordprg	N/A	monthly	R	invprg user/passwd

lcardnid	Letter of Credit	N	N/A	4	N/A	lcm700 (perl script)	daily	R	lcardnid user/passwd output_file
lclbld	Maintenance - Location	N	N/A	ad hoc	storeadd	N/A	monthly	R	lclbld user/passwd
lcmdnid	Letter of Credit	N	N/A	4	N/A	lcm707 (perl script)	daily	R	lcmdnid 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
lfskup	Stock Ledger	N	File-based	1	inv_bal_upload.sh (warehouse mgmt program)	stklupld	daily	N	lfskup user/passwd input_file output_file
likestore	Maintenance - Location	Y	Dept	ad hoc	storeadd	prepost likestore pos	daily	R	likestore user/passwd
mrt	Mass Return Transfers	Y	Warehouse	2	N/A	mrtupd	daily	R	mrt user/passwd
mrtprg	Mass Return Transfers	Y	Warehouse	ad hoc	N/A	mrtupd	ad hoc	R	mrtprg user/passwd
mrttrv	Mass Return Transfers	Y	Warehouse	2	mrt	mrtupd	daily	R	mrttrv user/passwd
mrtupd	Mass Return Transfers	Y	Warehouse	2	mrttrv	N/A	daily	R	mrtupd user/passwd
nwppurge	Stock Ledger	N	N/A	ad hoc	N/A	N/A	ad hoc	N	nwppurge user/passwd
nwpyasend	Stock Count	Y	Location	4	run on last day of year	prepost ociroq pre	yearly	R	nwpyasend user/passwd
ociroq	Replenishment	N	N/A	3	repladj	N/A	daily	R	ociroq user/passwd
onordext	Planning System Interface	Y	Transfer	4	onordext	onordndid	weekly	R	onordext user/passwd datefile
onordndid	Planning System Interface	Y	Store/Wh	4	onordext	N/A	daily	R	onordndid user/passwd
onordext	Planning System Interface	Y	Order	4	prepost onordext pre	onordext	daily	R	onordext user/passwd datefile
ordautcl	Ordering	N	N/A	ad hoc	N/A	N/A	daily	N	ordautcl user/passwd
ordscnt	Deals	Y	Supplier	4	reclsdly	discothapply	daily	R	ordscnt user/passwd
ordprg	Ordering	N	N/A	ad hoc	N/A	invprg	monthly	N	ordprg user/passwd
ordrev	Ordering	N	N/A	4	ordscnt	eddiord	daily	R	ordrev user/passwd
ordupd	Ordering	N	N/A	4	batch	otbdnid	daily	N	ordupd user/passwd
otbdlord	OTB	N	N/A	4	ordupd	N/A	daily	R	otbdlord user/passwd output_file
otbdisal	OTB	N	N/A	4	ordupd	N/A	daily	R	otbdisal user/passwd output_file
otbdnid	OTB	N	N/A	4	ordupd	N/A	daily	R	otbdnid user/passwd output_file
otbprg	OTB	N	N/A	ad hoc	N/A	N/A	monthly	N	otbprg user/passwd
otbuptwd	OTB	Y	File-based	ad hoc	N/A	N/A	daily	R	otbuptwd 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
poscdnid	Point of Sale Interface	N	N/A	4	posndid	prepost poscdnid post	daily	R	poscdnid user/passwd outputfile
posndid	Point of Sale Interface	Y	Store	ad hoc	N/A	prepost posndid post	daily	R	posndid user/passwd output_filename
posgpdid	Point of Sale Interface	N	N/A	4	reclsdly	N/A	daily	R	posgpdid user/passwd output_file
posupld	Sales	Y	File-based	2	saexprms(ReSA)	prepost posupld post	daily	R	posupld user/passwd infile rejfile vattile itemfile lockfile
precostcalc	Deals	Y	Supplier	2	reclsdly	prepost precostcalc pre	daily	R	precostcalc user/passwd supplier (May use the batch_precostcalc.ksh for launching this program as it is created based on performance considerations)
prepost	Pre/post functionality	N	N/A	all phases	N/A	costcalc	daily	N	prepost user/passwd program pre_or_pos
reclsdly	Item Maintenance	Y	Reclass no	4	cremhierdy	prepost reclsdly post	daily	R	reclsdly user/passwd process_mod
repladj	Replenishment	Y	Dept	3	rplatusd	reqlxt	daily	R	repladj user/passwd
reqext	Replenishment	Y	Partition (Item)	3	reclsdly	prepost ociroq pre	daily	R	reqext user/passwd partition_position (May use the batch_reqext.ksh for launching this program as it is created based on performance considerations)
rlmaint	Replenishment	Y	Location	3	storeadd	prepost rlmaint post	daily	R	rlmaint username/password
rlapprv	Replenishment	N	N/A	3	rplatusd	reqlxt	daily	R	rlapprv user/passwd
rplatusd	Replenishment	Y	Location	3	prepost rplatusd pre	reqlxt	daily	R	rplatusd user/passwd
rpblid	Replenishment	Y	Supplier	3	reclsdly	prepost rpl pre	daily	R	rpblid username/password
rplext	Replenishment	Y	Dept	3	reqlxt	prepost rplext post	daily	R	rplext user/passwd dept (May use the batch_rplext.ksh for launching this program as it is created based on performance considerations)
rpbrg	Replenishment	N	N/A	ad hoc	N/A	N/A	daily	N	rpbrg user/passwd
rppltd	Replenishment	N	N/A	ad hoc	N/A	N/A	monthly	N	rppltd user/passwd
rpmovavg	Pricing	Y	Store	3	supcnstr	prepost rpmovavg pre	daily	R	rpmovavg user/passwd business_date(YYYYMMDD) store(optiona
rvprg	RTV	N	N/A	ad hoc	satstage	N/A	monthly	N	rvprg user/passwd
sacrypt	Sales Audit	Y	Store/Day	SA	satstage	N/A	daily	N	sacrypt user/passwd infile outfile key_file e/d (Encryption/Decryption indicato
saescheat	Sales Audit	N	N/A	SA	satstage	saexpim	monthly	R	saescheat user/passwd
saexpach	Sales Audit	N	N/A	SA	satstage	sapurge	daily	R	saexpach user/passwd
saexpgl	Sales Audit	N	N/A	SA	satstage	sapurge	daily	R	saexpgl user/passwd
saexpim	Sales Audit	N	N/A	SA	satstage	sapurge	daily	R	saexpim user/passwd
saexpndw	Sales Audit	Y	Store	SA	satstage	resazrdw(perl script)	daily	R	saexpndw user/passwd ; perl resazrdw inputfile outputfil
saexprms	Sales Audit	Y	Store	SA	satstage	resazrdw(perl script)	daily	R	saexprms user/passwd
saexpuar	Sales Audit	N	N/A	SA	satstage	resazrdw(perl script)	daily	R	saexpuar user/passwd
sagetref	Sales Audit	N	N/A	SA	satstage	resazrdw(perl script)	daily	R	sagetref user/passwd itemfile wastefile ref_itemfile prim_varianfile varupfile storedayfile codesfile errorfile covall
sampadj	Sales Audit	N	N/A	SA	satstage	resazrdw(perl script)	daily	R	sampadj user/passwd input_file rej_file

saimptlog	Sales Audit	Y	Store/Day	SA	sagetref	saprepost saimptlog post (Use sqj Loader to load data into ReSA tables)	daily	N	saimptlog user/pw infile badfile itemfile wastefile refitemfile primvariantfile varupclfile storedayfile promfile codestile errorfile cvcfile storeposfile tendertypefile merchcodefile partnerfile supplierfile employeefile bannerfile
saimptlogfn	Sales Audit	N	N/A	SA	savouch salstage fflgldn1	satotals	daily	R	saimptlogfn userid/passwd store_day_file
salapnd	Stock Ledger	N	N/A	3	fflgldn2	N/A	daily	R	salapnd userid/passwd
saljdk	Stock Ledger	Y	Store/Wh	3	salstage	salweek	daily	R	saldy userid/passwd
saleoh	Stock Ledger	Y	Dept	3	salmth	N/A	half yearly	N	saleoh userid/passwd
salins	Sales	N	N/A	0	N/A	N/A	daily	R	salins userid/passwd
salmaint	Stock Ledger	N	N/A	ad hoc	N/A	N/A	half yearly	N	salmaint userid/passwd pre_or_post
salmth	Stock Ledger	Y	Dept	3	N/A	prepost salmth post	monthly	R	salmth userid/passwd
salprg	Stock Ledger	N	N/A	ad hoc	N/A	salstage saldy salapnd salweek deallct rmmovavg fflgldn1 fflgldn2	daily	N	salprg userid/passwd
salstage	Stock Ledger	N	N/A	3	posupld saldy stkply salapnd prepost salweek pre deallct	deallct	daily	N	salstage userid/passwd
salweek	Stock Ledger	Y	Dept	3	deallct	vendinvc	weekly	R	salweek userid/passwd
sapreexp	Sales Audit	N	N/A	SA	SA audit process	vendinvf	daily	R	sapreexp userid/passwd
saprepost	Sales Audit	N	N/A	SA	N/A	N/A	daily	N	saprepost userid/passwd program pre_or_pot
sapurge	Sales Audit	Y	Store	SA	saprepost sapurge pre (This program should be run as the last program in the ReSA batch schedule)	saprepost sapurge post sapreexp	daily	R	sapurge userid/passwd deleted_items_file [optional list of store days to be deleted]
sarules	Sales Audit	N	N/A	SA	satotals (It should run before the DTESYS batch program and before the next store/day's transactions are received)	sascheat	daily	R	sarules userid/passwd store_no
sastdyr	Sales Audit	N	N/A	date_set	SA	dtesy	daily	R	sastdyr userid/passwd [YYYYMMDD]
satotals	Sales Audit	N	N/A	SA	saimptlogfn	sarules	daily	R	satotals userid/passwd store_no
savouch	Sales Audit	N	N/A	SA	saimptlog (and its SQL Load process)	saimptlogfn	daily	R	savouch userid/passwd infile rejfile tendertype_fil
sccext	Costing	Y	Cost change	3	ctstidex.ksh (RMS to RDW RETL extract)	prepost sccext post	daily	R	sccext userid/passwd
schedprg	Organizational Hierarchy	N	N/A	ad hoc	N/A	N/A	monthly	R	schedprg userid/passwd
sitmain	Item Maintenance	N	N/A	ad hoc	icrbid	N/A	ad hoc	R	sitmain userid/passwd
soudnid	Forecasting	Y	Domain Id	4	N/A	N/A	daily	R	soudnid userid/passwd
stkdy	Stock Ledger	Y	Dept	3	stkvar	salweek	daily	R	stkdy userid/passwd
stkprg	Stock Ledger	N	N/A	ad hoc	N/A	prepost stkprg post	monthly	N	stkprg userid/passwd
stkschedxpld	Stock Ledger	Y	Location	0	N/A	stkxpld	daily	R	stkschedxpld userid/passwd
stkupd	Stock Ledger	Y	Location	3	prepost stkupd pre	stkxpld	daily	R	stkupd userid/passwd
stkupld	Stock Ledger	Y	Dept	1	listkup	prepost stkupd post	daily	R	stkupld userid/passwd input_file reject_fil
stkvar	Stock Ledger	Y	Dept	1	N/A	N/A	daily	R	stkvar userid/passwd [ report_file_name
stxpld	Stock Ledger	Y	Dept	3	stkschedxpld	stkupd	daily	R	stxpld userid/passwd
stfgzhd	Stock Ledger	Y	Dept	4	N/A	N/A	weekly	R	stfgzhd userid/passwd input_file
storeadd	Maintenance - Location	N	N/A	ad hoc	N/A	likestore	daily	R	storeadd userid/passwd
supcnstr	Replenishment	N	N/A	3	rpbid	rpplit	daily	R	supcnstr userid/passwd
supmth	Stock Ledger	Y	Dept	3	N/A	prepost supmth post	monthly	R	supmth userid/passwd
tampcctn	Receiving	N	N/A	ad hoc	N/A	N/A	ad hoc	N	tampcctn userid/passwd
tkctdnd	Maintenance	N	N/A	ad hoc	N/A	N/A	daily	R	tkctdnd userid/passwd filename print_online_ind days_in_advance [locator
tfposdn	Sales Tax	N	N/A	4	trposdn	prepost tfposdn post	daily	R	tfposdn userid/passwd output_file
tranupld	Trade Management	Y	File-based	ad hoc	N/A	N/A	daily	R	tranupld userid/passwd infile
tsprg	Transfers	N	N/A	ad hoc	N/A	N/A	monthly	R	tsprg userid/passwd
trposdn	Point of Sale Interface	N	N/A	4	N/A	tfposdn	daily	R	trposdn userid/passwd
trrupld	Sales Tax	N	N/A	4	N/A	N/A	ad hoc	R	trrupld username/password input_file reject_fil
vatdxpl	Maintenance - VAT	Y	Vat Region	0	N/A	prepost vatdxpl pos	daily	R	vatdxpl userid/passwd
vendinvc	Deals	Y	Deal Id	3	deallct salstage(if daily) prepost vendinvc pre	prepost vendinvc post salweek(if weekly) salmth (if monthly)	daily	R	vendinvc userid/passwd
vendinvf	Deals	Y	Deal Id	3	salstage(if daily) prepost vendinvf pre	prepost vendinvf post salweek(if weekly) salmth (if monthly)	daily	R	vendinvf userid/passwd
vrpbid	Replenishment	Y	Supplier	2	educpack	prepost vrpbid post	daily	R	vrpbid userid/passwd
wasteadj	Stock Ledger	Y	Store	3	N/A	stkupd	daily	R	wasteadj userid/passwd
whadd	Maintenance - Location	N	N/A	ad hoc	N/A	N/A	daily	R	whadd userid/passwd
whstrasg	Maintenance - Location	N	N/A	3	(Must be run after all replenishment batch programs).	prepost whstrasg post	daily	R	whstrasg userid/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	recldy(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-commit-count]
LocationMoveBatch	Zone Structure/Future Retail	Y	Location move	N/A		PriceEventExecutionBatch	daily	N	locationMoveBatch.sh rpm-app-userid password
PriceEventExecutionBatch	Price Change/Clearance/Promotion	Y	Pricing event	N/A		PriceEventExecutionRMSBatch	daily	N	priceEventExecutionBatch.sh rpm-app-userid password
PriceEventExecutionRMSBatch	Price Change/Clearance/Promotion	Y	Pricing event	N/A		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	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 storeadd (RMS) WorksheetAutoApproveBatch	N/A	daily	N	merchExtractKickOffBatch.sh rpm-app-userid password
RPMoORPOSPublishBatch.sh	Price Change/Clearance/Promotion	N	N/A	N/A	WorksheetAutoApproveBatch MerchExtractKickOffBatch	N/A	daily	N	ksh RPMoORPOSPublishBatch.sh <userid/passwd @sid > <log path> <error path>
RPMoORPOSPublishExport.sh	Price Change/Clearance/Promotion	Y	Location	N/A	RPMoORPOSPublishBatch.sh	N/A	daily	N	ksh RPMoORPOSPublishExport.sh <userid/passwd @sid > <Number of slots> <logpath> <error path> <Export path>
RegularPriceChangePublishBatch	Regular Price Changes	Y	Price event (item/loc)	N/A	WorksheetAutoApproveBatch	RegularPriceChangePublishExport	daily/ad hoc	N	regularPriceChangePublishBatch.sh rpm-app-userid password
regularPriceChangePublishExport	Regular Price Changes	N	Price event (item/loc)	N/A	RegularPriceChangePublishBatch	RegularPriceChangePublishExport	daily/ad hoc	N	regularPriceChangePublishExport.sh rpm-db-userid/pwd @database [export-path]
ClearancePriceChangePublishBatch	Clearances	Y	Price event (item/loc)	N/A	WorksheetAutoApproveBatch	ClearancePriceChangePublishExport	daily/ad hoc	N	clearancePriceChangePublishBatch.sh rpm-app-userid password
ClearancePriceChangePublishExport	Clearances	N	Price event (item/loc)	N/A	ClearancePriceChangePublishBatch	ClearancePriceChangePublishExport	daily/ad hoc	N	clearancePriceChangePublishExport.sh rpm-db-userid/pwd @database [export-path]
PromotionPriceChangePublishBatch	Promotions	Y	Price event (item/loc)	N/A	WorksheetAutoApproveBatch	PromotionPriceChangePublishExport	daily/ad hoc	N	promotionPriceChangePublishBatch.sh rpm-app-userid password
PromotionPriceChangePublishExport	Promotions	N	Price event (item/loc)	N/A	PromotionPriceChangePublishBatch	PromotionPriceChangePublishExport	daily/ad hoc	N	promotionPriceChangePublishExport.sh rpm-db-userid/pwd @database [export-path]
PriceChangeAutoApproveResultsPurgeBatch	Purge	N	N/A	N/A	N/A	N/A	daily/ad hoc	N	priceChangeAutoApproveResultsPurgeBatch.sh rpm-app-userid password
PriceChangePurgeBatch	Purge	N	N/A	N/A	N/A	N/A	daily/ad hoc	N	priceChangePurgeBatch.sh rpm-app-userid password
PriceChangePurgeWorkspaceBatch	Purge	N	N/A	N/A	N/A	N/A	daily/ad hoc	N	priceChangePurgeWorkspaceBatch.sh rpm-app-userid password
PromotionPurgeBatch	Purge	N	N/A	N/A	N/A	N/A	daily/ad hoc	N	promotionPurgeBatch.sh rpm-app-userid password
PurgeExpiredExecutedOrApprovedClearancesBatch	Purge	N	N/A	N/A	N/A	N/A	daily/ad hoc	N	purgeExpiredExecutedOrApprovedClearancesBatch.sh rpm-app-userid password
PurgeUnusedAndAbandonedClearancesBatch	Purge	N	N/A	N/A	N/A	N/A	daily/ad hoc	N	purgeUnusedAndAbandonedClearancesBatch.sh rpm-app-userid password
PurgeLocationMovesBatch	Purge	N	N/A	N/A	N/A	N/A	ad hoc	N	purgeLocationMovesBatch.sh rpm-app-userid password
ZoneFutureRetailPurgeBatch	Purge	N	N/A	N/A	N/A	N/A	ad hoc	N	zoneFutureRetailPurgeBatch.sh rpm-app-userid password
ItemLocDeleteBatch	Purge	N	N/A	N/A	N/A	N/A	ad hoc	N	itemLocDeleteBatch.sh rpm-app-userid password
priceChangeAreaDifferentialBatch	Price Change	Y	N/A	N/A	N/A	N/A	ad hoc	N	priceChangeAreaDifferentialBatch rpm-app-userid password

**ReIM Dependency and Scheduling Details**

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
AutoMatchBatch	Invoice Matching (ReIM)	Y	N/A	6	TermsRankingService	ReasonCodeActionRollup	daily	R	AutoMatchBatch userid/passwd
BatchPurgeBatch	Invoice Matching (ReIM)	N	N/A	0	N/A	ResolutionPosting	daily	R	BatchPurgeBatch userid/passwd
ComplexDealUploadBatch	Invoice Matching (ReIM)	Y	N/A	5	vendinvc(RMS), vendinv(RMS)	AutoMatch	daily	R	ComplexDealUploadBatch userid/passwd BlockSize PartitionNo
DiscrepancyPurgeBatch	Invoice Matching (ReIM)	N	N/A	1	N/A	N/A	daily	R	DiscrepancyPurgeBatch userid/passwd
DisputedCreditMemoRollupBatch	Invoice Matching (ReIM)	N	N/A	6	ReasonCodeActionRollup	ReasonCodeActionRollup	daily	R	DisputedCreditMemoRollupBatch userid/passwd
EDIUploadBatch	Invoice Matching (ReIM)	Y	N/A	5	eddlinv(RMS)	AutoMatch	daily	R	EDIUploadBatch userid/passwd "EDI input file with path" "EDI reject file with path"
EdiDownloadBatch	Invoice Matching (ReIM)	N	N/A	7	ResolutionPosting	AutoMatch	daily	R	EdiDownloadBatch userid/passwd
FixedDealUploadBatch	Invoice Matching (ReIM)	Y	N/A	5	vendinvc(RMS), vendinv(RMS)	AutoMatch	daily	R	FixedDealUploadBatch userid/passwd BlockSize PartitionNo
ReasonCodeActionRollupBatch	Invoice Matching (ReIM)	N	N/A	6	AutoMatch	DisputedCreditMemoRollup	daily	R	ReasonCodeActionRollupBatch userid/passwd
ReceiptWriteoffBatch	Invoice Matching (ReIM)	N	N/A	6	AutoMatch	N/A	daily	R	ReceiptWriteoffBatch userid/passwd
ReceiverAdjustment	Invoice Matching (ReIM)	N	N/A	1	EdiInvoiceUpload	ReasonCodeActionRollup	daily	R	ReceiverAdjustment userid/passwd
FinancialPostingBatch	Invoice Matching (ReIM)	N	N/A	6	DisputedCreditMemoRollup	ResolutionPosting	daily	R	FinancialPostingBatch userid/passwd

**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 to run the extracts	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	recldy	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_merchhier.ksh	Planning/Forecast System Interface	N	N/A	N/A	recldy	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_orghier.ksh	Planning/Forecast System Interface	N	N/A	N/A	dyprg	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_stock_on_hand.ksh	Planning/Forecast System Interface	N	N/A	N/A	dyprg	Refer to RPAS Operations guide	daily	N	N/A
					stkdy	Refer to RPAS Operations guide	daily	N	N/A
					pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A

mase_rpas_store.ksh	Planning/Forecast System Interface	N	N/A	N/A	storeadd	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 hstwkupd	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_weekly_sales.ksh	Planning/Forecast System Interface	N	N/A	N/A	salweek whadd	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_wh.ksh	Planning/Forecast System Interface	N	N/A	N/A	dlyprg	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	rmsl_rpas_forecast.ksh daily or weekly
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)**

Dimension source: Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
cdcdlex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
cmprfx.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
cmprtrmex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
cmprtrcoex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
cmrcycoex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
cmrplyex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
orgarax.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lcrblid (RMS)	Refer to RDW operations guide	daily	N	N/A
orgchanex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lcrblid (RMS)	Refer to RDW operations guide	daily	N	N/A
orgchnex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lcrblid (RMS)	Refer to RDW operations guide	daily	N	N/A
orgdisex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lcrblid (RMS)	Refer to RDW operations guide	daily	N	N/A
orglmex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lcrblid (RMS)	Refer to RDW operations guide	daily	N	N/A
orgloex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lcrblid (RMS)	Refer to RDW operations guide	daily	N	N/A
orglrex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lcrblid (RMS)	Refer to RDW operations guide	daily	N	N/A
orgltrex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lcrblid (RMS)	Refer to RDW operations guide	daily	N	N/A
orgrgnex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lcrblid (RMS)	Refer to RDW operations guide	daily	N	N/A
phasex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
prdclex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslidy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdcmpex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
prddepx.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslidy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prddifex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslidy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prddivex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslidy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prddtypex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslidy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdgrpex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslidy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdislex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
prdtmex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslidy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdtimlex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslidy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdtimllex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
prdtimsmex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
prdpimex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslidy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdsbcex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslidy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdualex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslidy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
regngpex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
regntmpex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
rsnex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
seasnex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
subtrantypex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
supctrex.ksh	RDW interface	N	N/A	N/A	A, B, cntnmain (RMS)	Refer to RDW operations guide	daily	N	N/A
supsupex.ksh	RDW interface	N	N/A	N/A	A, B, cntnmain (RMS)	Refer to RDW operations guide	daily	N	N/A
suptrmex.ksh	RDW interface	N	N/A	N/A	A, B, cntnmain (RMS)	Refer to RDW operations guide	daily	N	N/A
suprtrex.ksh	RDW interface	N	N/A	N/A	A, B, cntnmain (RMS)	Refer to RDW operations guide	daily	N	N/A
indtypex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
litypex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
cmrptpcolidx.ksh	RDW interface	N	N/A	N/A	B	Refer to RDW operations guide	daily	N	cmrptpcolidx.ksh output_file_path/output_file_name
cslsidex.ksh	RDW interface	N	N/A	N/A	C	Refer to RDW operations guide	daily	N	cslsidex.ksh output_file_path/output_file_name
exchngratex.ksh	RDW interface	N	N/A	N/A	B	Refer to RDW operations guide	daily	N	exchngratex.ksh output_file_path/output_file_name
invlidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS), ordrev (RMS)	Refer to RDW operations guide	daily	Y	invlidx.ksh output_file_path/output_file_name
ivalidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS)	Refer to RDW operations guide	daily	N	ivalidx.ksh output_file_path/output_file_name
ivrcplidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS)	Refer to RDW operations guide	daily	N	ivrcplidx.ksh output_file_path/output_file_name
ivrlidx.ksh	RDW interface	N	N/A	N/A	C	Refer to RDW operations guide	daily	N	ivrlidx.ksh output_file_path/output_file_name
ivvlidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS)	Refer to RDW operations guide	daily	N	ivvlidx.ksh output_file_path/output_file_name
ivulidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS)	Refer to RDW operations guide	daily	N	ivulidx.ksh output_file_path/output_file_name
lptotidx.ksh	RDW interface	N	N/A	N/A	C, saexprdw (ReSA), resa2rdw	Refer to RDW operations guide	daily	N	lptotidx.ksh output_file_path/output_file_name
lptotlidx.ksh	RDW interface	N	N/A	N/A	C, saexprdw (ReSA), resa2rdw	Refer to RDW operations guide	daily	N	lptotlidx.ksh output_file_path/output_file_name
ncstulidx.ksh	RDW interface	N	N/A	N/A	C, costcalc (RMS)	Refer to RDW operations guide	daily	N	ncstulidx.ksh output_file_path/output_file_name
post_dwi_temp.ksh	RDW interface	N	N/A	N/A	All extract batches	Refer to RDW operations guide	daily	N	N/A
prcolidx.ksh	RDW interface	N	N/A	N/A	N/A	Refer to RDW operations guide	daily	N	prcolidx.ksh output_file_path/output_file_name
pre_dwi_extract.ksh	RDW interface	N	N/A	N/A	A	operations guide	daily	N	N/A
pre_dwi_temp.ksh	RDW interface	N	N/A	N/A	B	Refer to RDW operations guide	daily	N	N/A
rpcolidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS) C, cntprss (RMS), edupavi (RMS).	Refer to RDW operations guide	daily	N	rpcolidx.ksh output_file_path/output_file_name
savidex.ksh	RDW interface	N	N/A	N/A	rlapprv (RMS)	Refer to RDW operations guide	daily	N	savidex.ksh output_file_path/output_file_name
scmioldex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	scmioldex.ksh output_file_path/output_file_name
scmioldex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	scmioldex.ksh output_file_path/output_file_name
scrtqidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	scrtqidx.ksh output_file_path/output_file_name
scrtlidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	Y	scrtlidx.ksh output_file_path/output_file_name
scridex.ksh	RDW interface	N	N/A	N/A	C, rlapprv (RMS), cntprss (RMS), rpblid (RMS), cntmain (RMS).	Refer to RDW operations guide	daily	N	scridex.ksh output_file_path/output_file_name
scsidex.ksh	RDW interface	N	N/A	N/A	B, rmsl_rpas_forecast.ksh (RMS to RPAS extract)	Refer to RDW operations guide	daily	N	scsidex.ksh output_file_path/output_file_name
stclwex.ksh	RDW interface	N	N/A	N/A	C, saexprdw (ReSA), resa2rdw	Refer to RDW operations guide	daily	Y	stclwex.ksh output_file_path/output_file_name
stlidx.ksh	RDW interface	N	N/A	N/A	C, saexprdw (ReSA), resa2rdw	Refer to RDW operations guide	daily	N	stlidx.ksh output_file_path/output_file_name
stlmdnidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	stlmdnidx.ksh output_file_path/output_file_name
stblmthex.ksh	RDW interface	N	N/A	N/A	C, salmth (RMS)	Refer to RDW operations guide	daily	N	stblmthex.ksh output_file_path/output_file_name
stblwex.ksh	RDW interface	N	N/A	N/A	C, salweek (RMS)	Refer to RDW operations guide	daily	N	stblwex.ksh output_file_path/output_file_name
stlidx.ksh	RDW interface	N	N/A	N/A	C, saexprdw (ReSA), resa2rdw	Refer to RDW operations guide	daily	N	stlidx.ksh output_file_path/output_file_name
vchreschdex.ksh	RDW interface	N	N/A	N/A	B, savouch (ReSA)	Refer to RDW operations guide	daily	N	vchreschdex.ksh output_file_path/output_file_name
vchrmovldsgex.ksh	RDW interface	N	N/A	N/A	B, savouch (ReSA)	Refer to RDW operations guide	daily	N	vchrmovldsgex.ksh output_file_path/output_file_name
vchroultxex.ksh	RDW interface	N	N/A	N/A	B, savouch (ReSA)	Refer to RDW operations guide	daily	N	vchroultxex.ksh output_file_path/output_file_name

**Notes:**  
**A** is a set of batch processes on the RDW system.  
**A** consists of the following RDW batch modules  
factopendm.ksh  
medfactopendm.ksh  
factclosedm.ksh  
mt\_prime.ksh  
**B** is pre\_dwi\_extract.ksh DWI batch process.  
**C** is pre\_dwi\_temp.ksh DWI batch process.





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## Interface Diagrams for RMS and RPAS

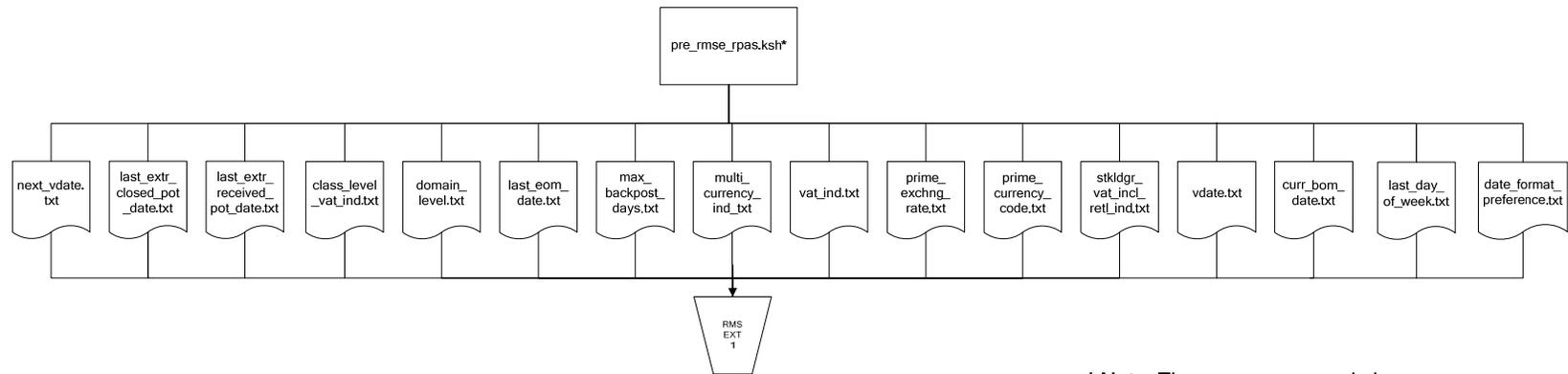
Because RMS is the retailer's central merchandising transactional processing system, it is the principle source of the foundation data needed in some of the Oracle Retail suite of products. RMS provides foundation data to RPAS, and RPAS provides planning data to RMS.

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 Retail Merchandising System Operations Guide for more information about these interface programs.

## RMS Pre/Post Extract Diagrams

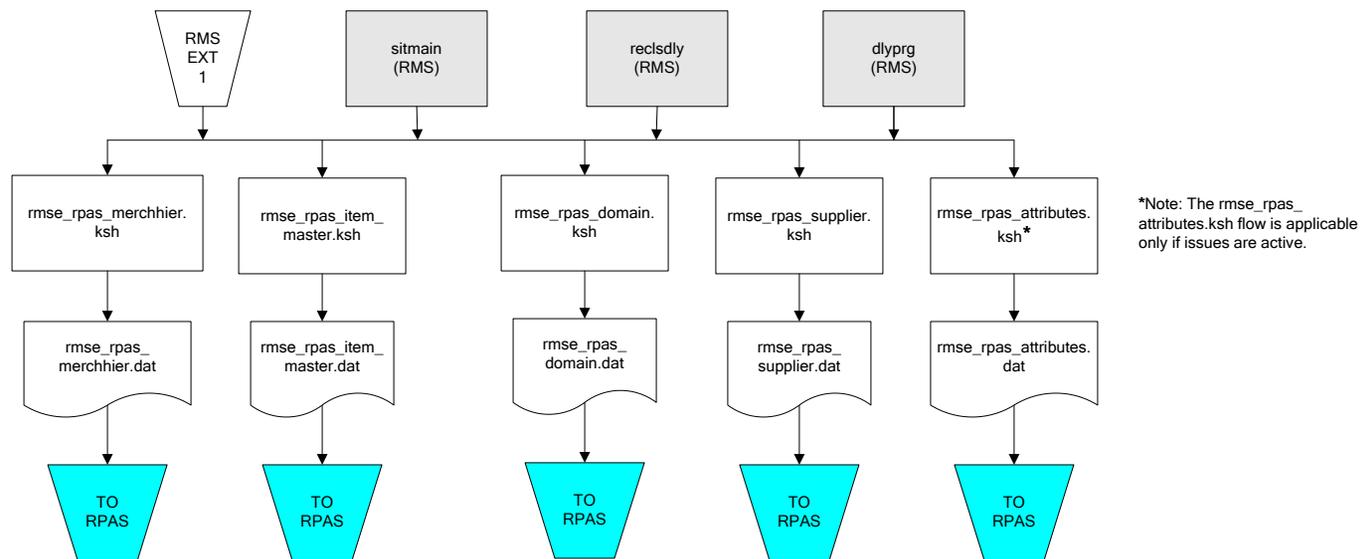
### RMS Pre RETL Extract Maintenance



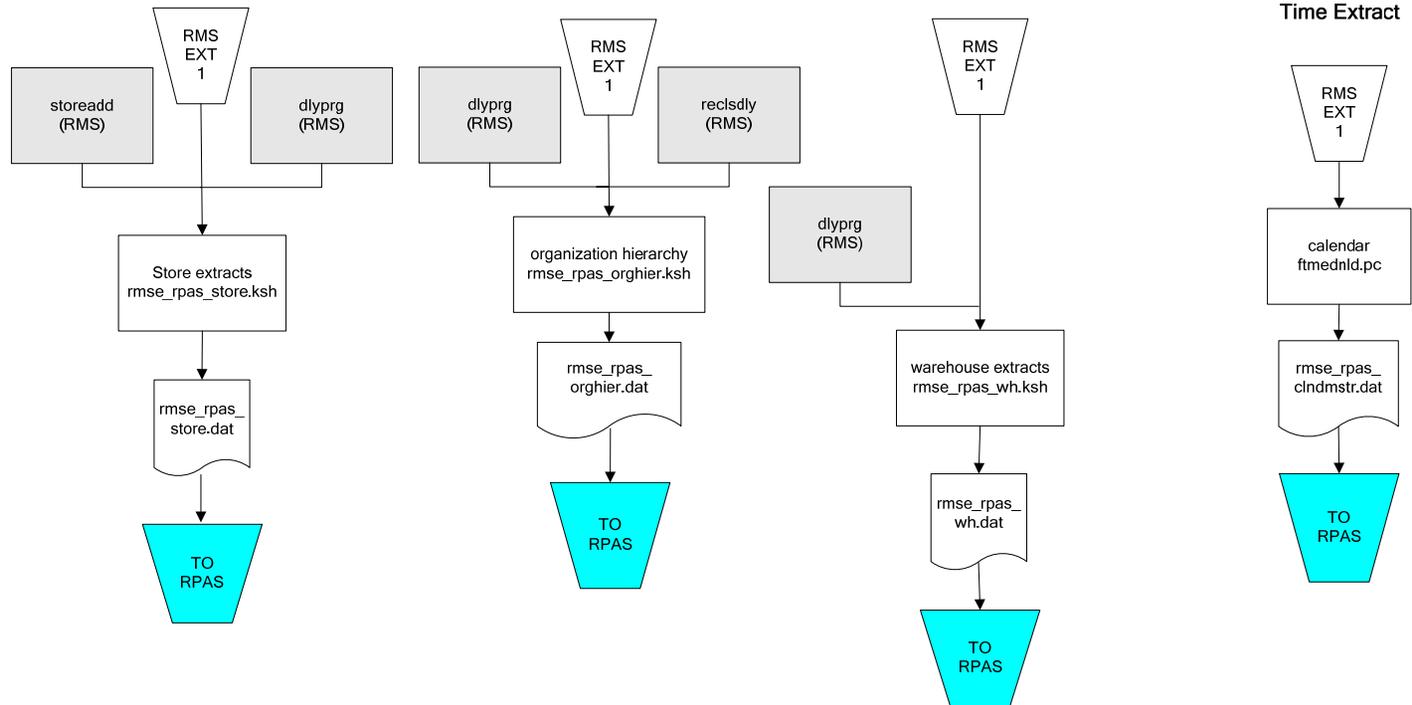
**\* Note:** The `pre_rmse_rpas.ksh` program checks for existing `.txt` output files. Because of this validation, retailers running the program for the first time should include an optional `-c` parameter. This parameter allows the program to run successfully without pre-existing `.txt` output files.

## RMS Foundation Data Extract Diagrams

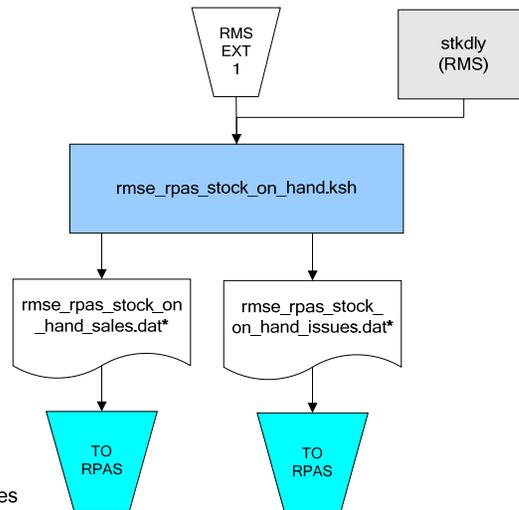
### Merchandise Hierarchy for RPAS



### Organization Hierarchy for RPAS



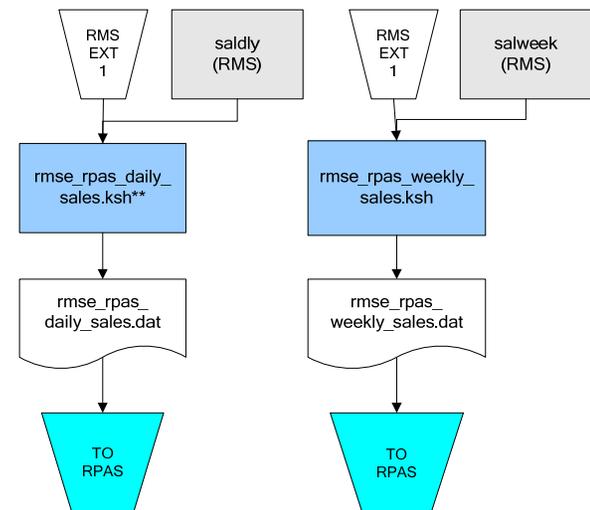
## RMS Fact Data Extract Diagrams



**\* 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

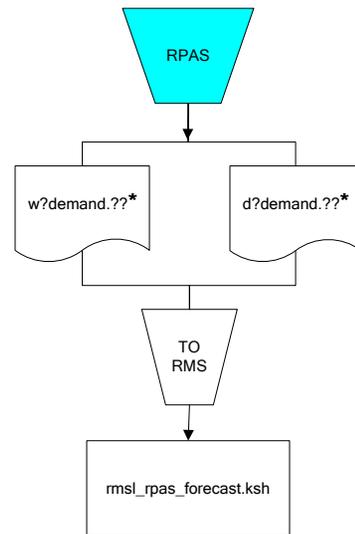
If issues are **not** active, the following file results from the  
 rmse\_rpas\_stock\_on\_hand.ksh flow:  
 rmse\_rpas\_stock\_on\_hand\_sales.dat

## 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 RDW

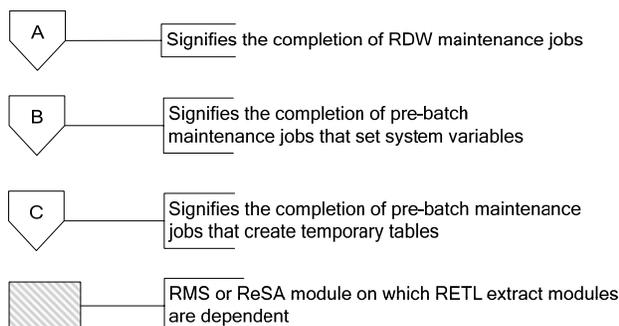
RMS works in conjunction with the Oracle Retail Extract Transform and Load (RETL) framework. RETL provides high-performance processing to extract data from Oracle Retail applications for use in data warehouses. The architecture allows database batch processes to take advantage of parallel processing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

This chapter presents flow diagrams for the RETL 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 Retail Data Warehouse Operations Guide.

For summary information about the configuration, architecture, and features of RETL 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 RETL tool, see the current RETL Programmer's Guide.

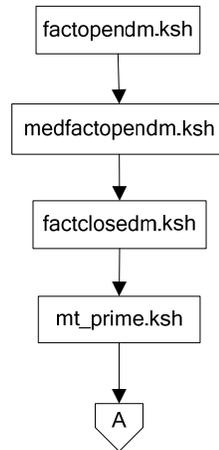
### Legend



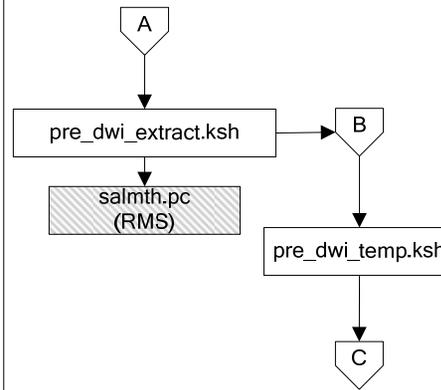
**Note:**

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



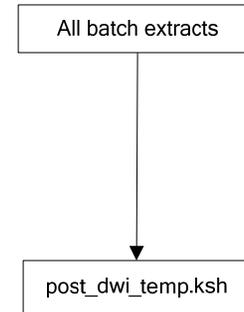
### Pre-Batch Maintenance



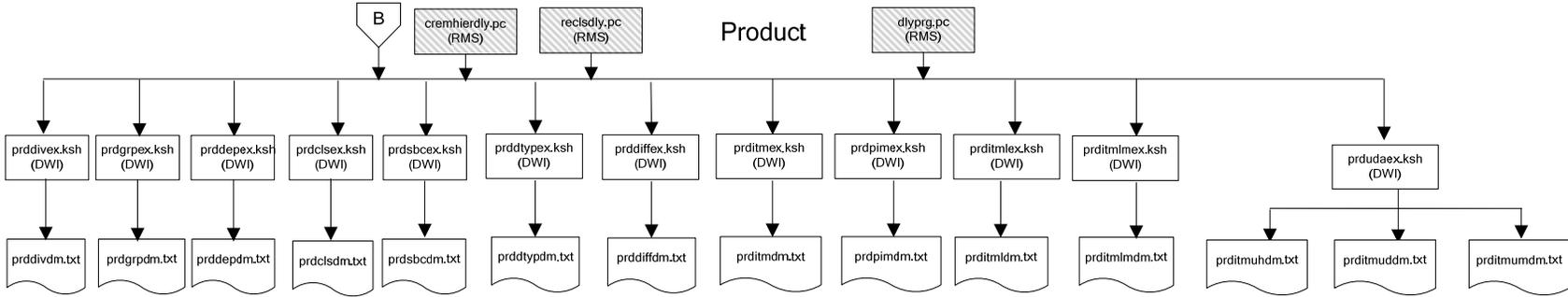
**Note:**

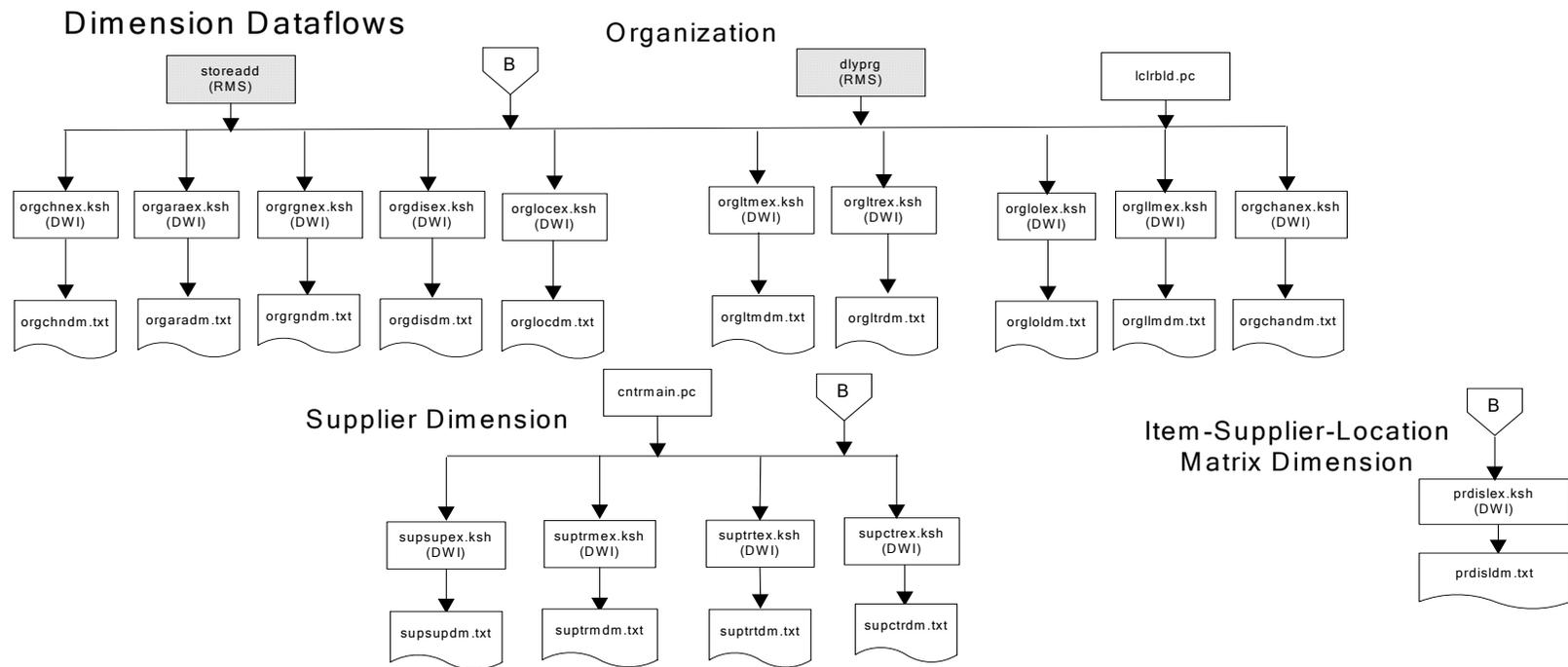
salmth.pc resets the last eom\_date. Thus, it must be run after the system indicator is extracted by pre\_dwi\_extract.ksh.

### Post-Batch Maintenance

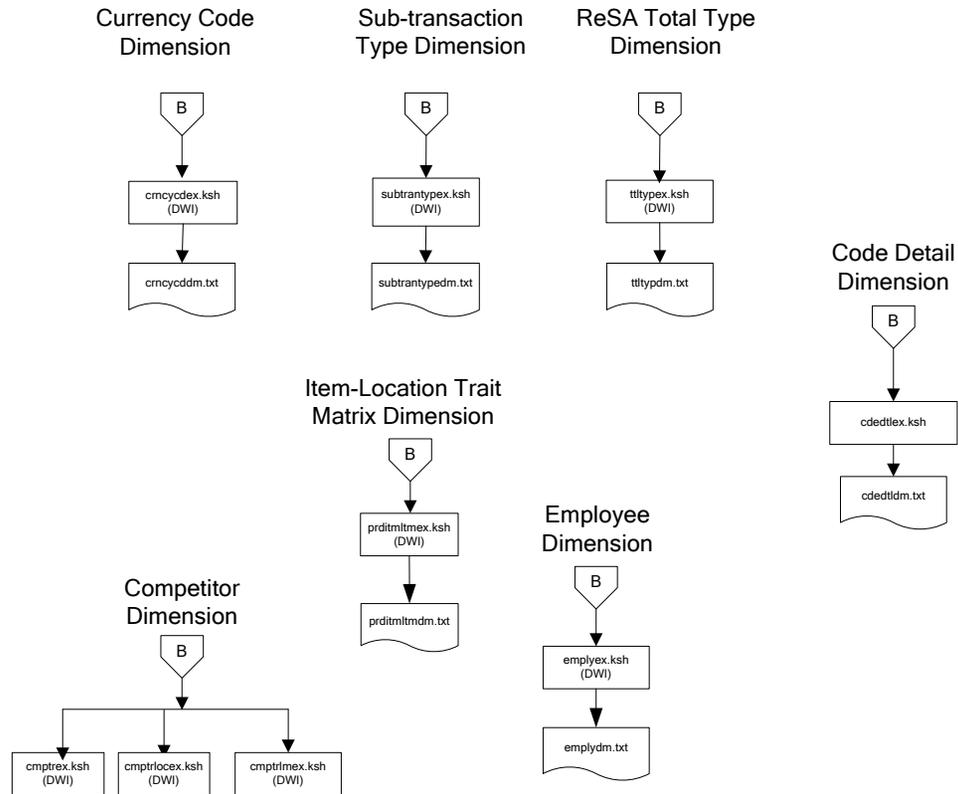


# Dimension Dataflows



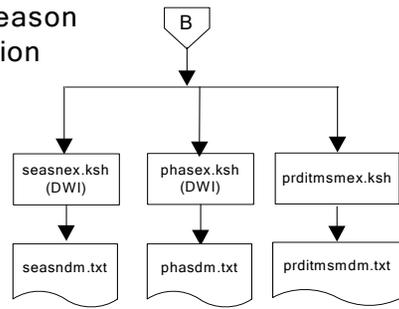


## Dimension Dataflows

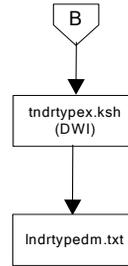


## Dimension Dataflows

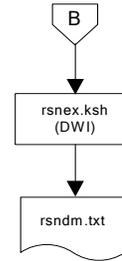
### Product Season Dimension



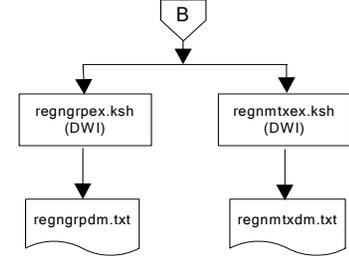
### Tender Type Dimension



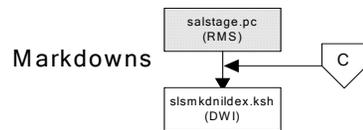
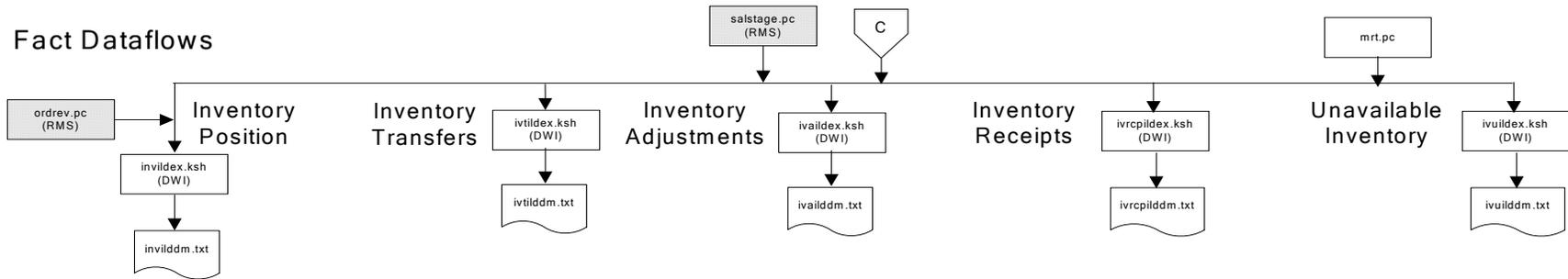
### Reason Dimension



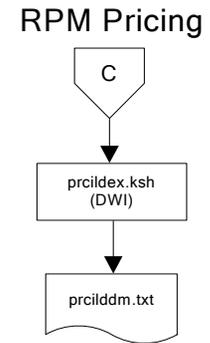
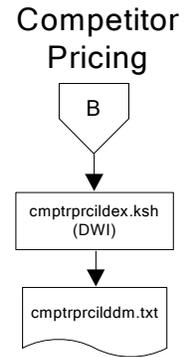
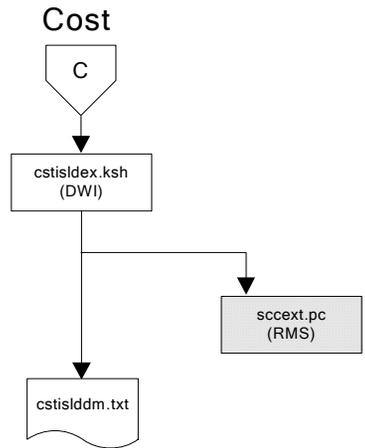
### Regionality Dimension



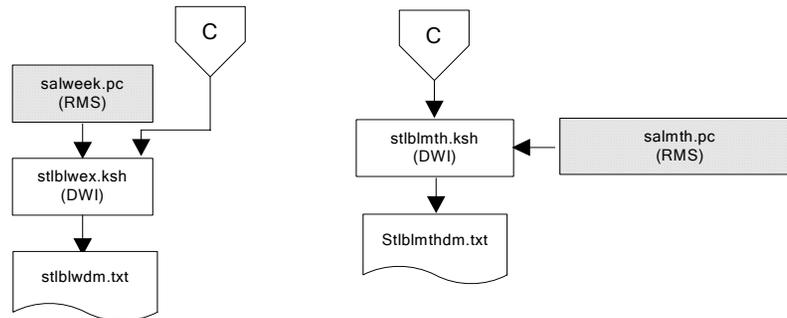
## Fact Dataflows



## Fact Dataflows

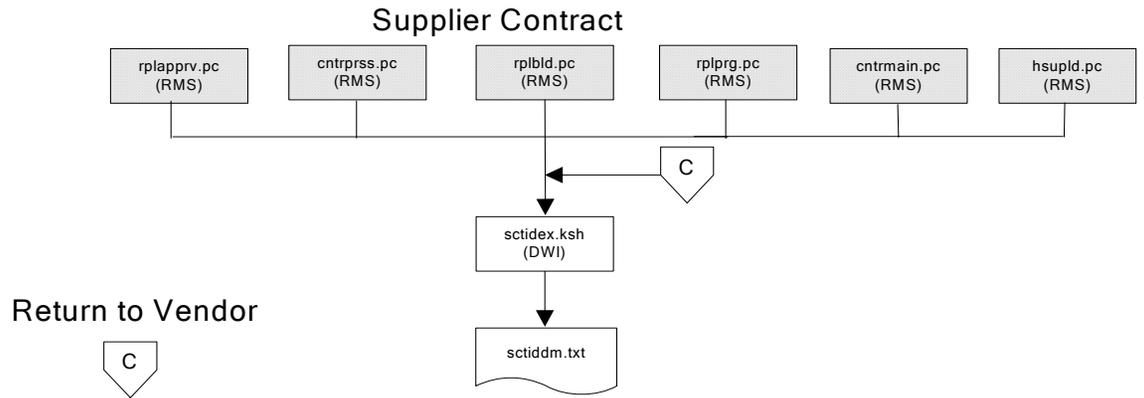
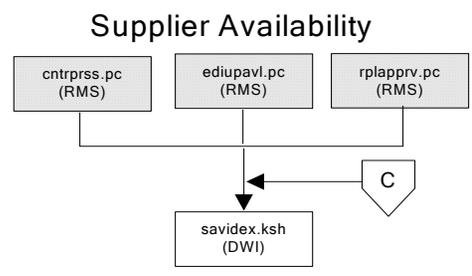


## Stock Ledger

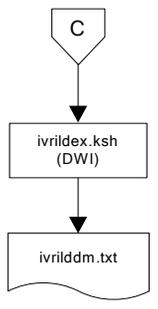


**Note:**  
Run stock ledger fact loads once weekly.

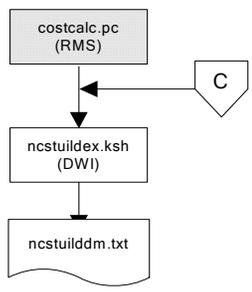
# Fact Dataflows



### Return to Vendor

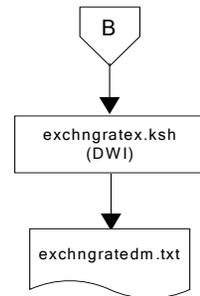


### Net Cost

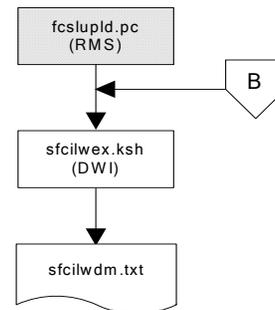


## Fact Dataflows

### Exchange Rates

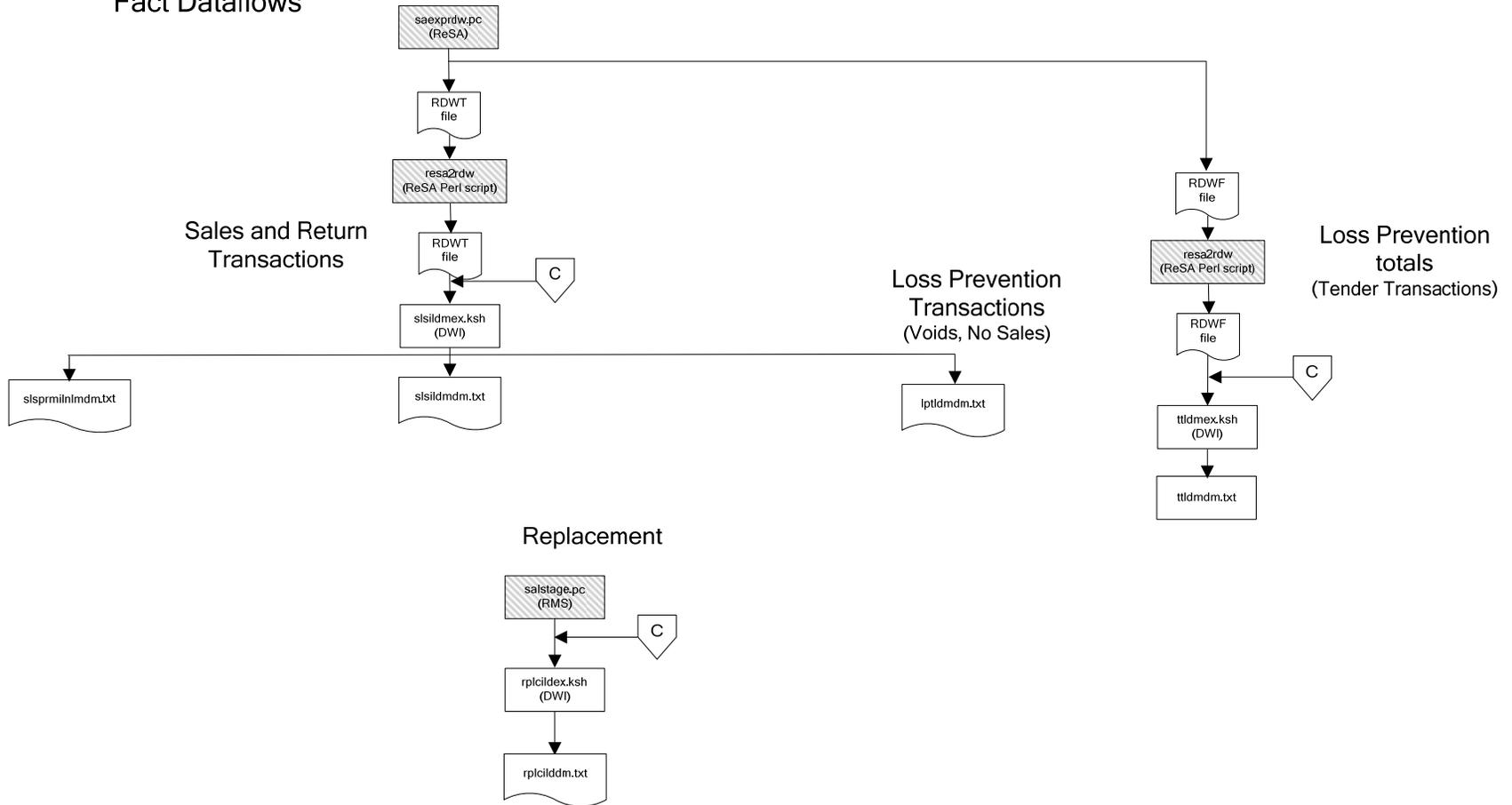


### Sales Forecasts

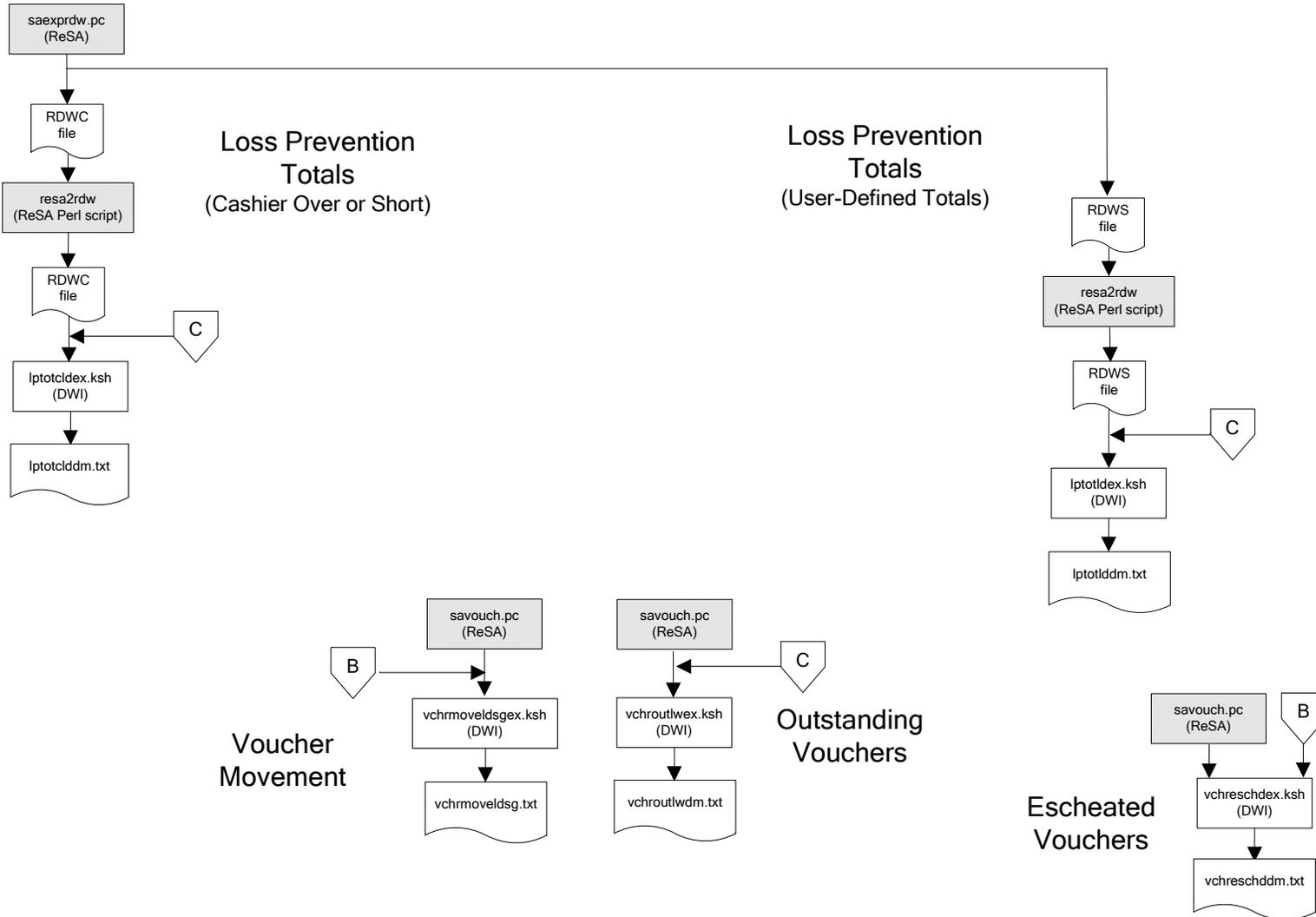


**Note:**  
Run sales forecast fact loads  
once weekly.

## Fact Dataflows

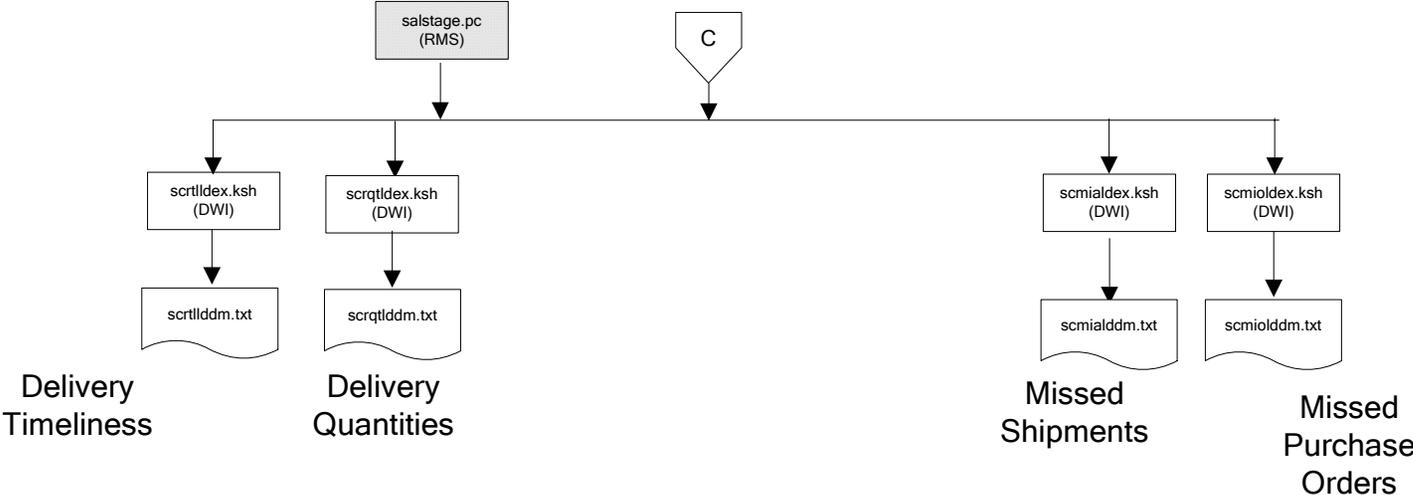


# Fact Dataflows



# Fact Dataflows

## Supplier Compliance



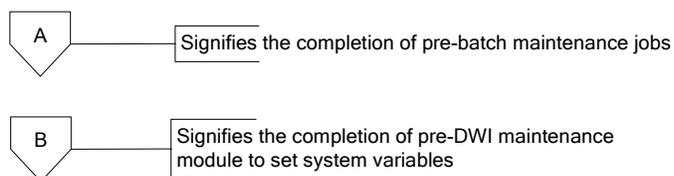
## Interface Diagram for RPM and RDW

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.

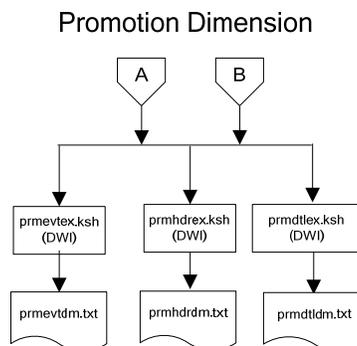
For detailed information about dimensions and facts, see the Retail Data Warehouse Operations Guide.

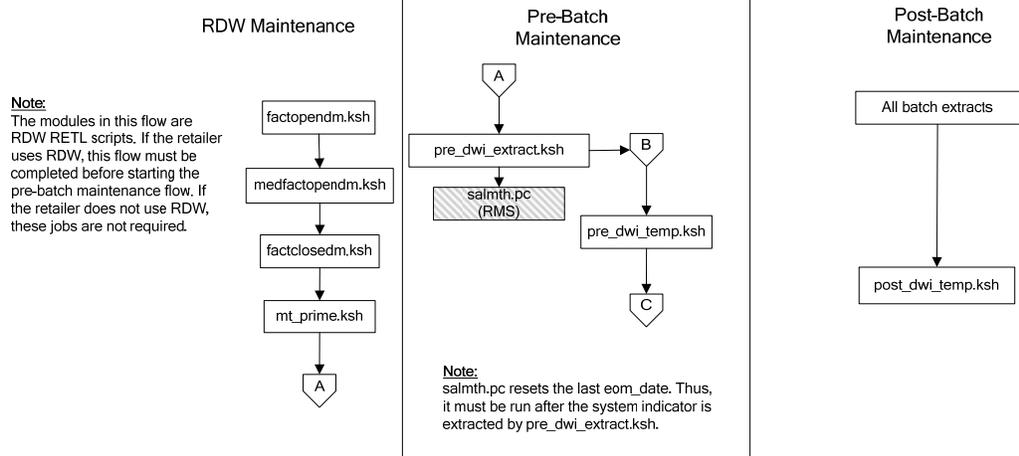
See the Retail Merchandising System Operations Guide Volume 1—Batch Overviews and Designs for more information about the modules shown in the following diagram.

### Legend



### Program Flow Diagram





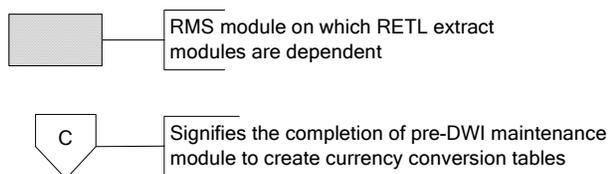
## Interface Diagram for ReIM and RDW

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 Retail Data Warehouse Operations Guide.

See the 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

