

**Oracle® Retail Merchandising**  
Batch Schedule  
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Primary Author: Rich Olson

Contributors: Ravi Duvvuri

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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 Implementation Guide
- 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

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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

## 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.

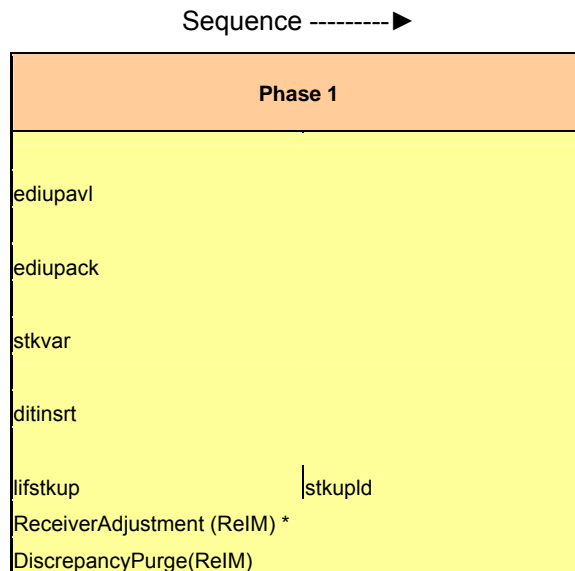
Each phase must be completed before the next phase can begin. Also, a phase may contain programs that depend on other programs within the phase. Programs within each phase may need to run in a particular sequence.

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	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.



## 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.

<b>lifstkup</b>	<b>stkupld</b>
-----------------	----------------

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

<b>ociroq</b>	<b>cntnrddb</b> <b>reqext</b>
---------------	----------------------------------

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.

<b>ibexpl</b> <b>cntprss</b>	<b>ibcalc</b>
---------------------------------	---------------

### 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
auditrpg	Audit	N	N/A	ad hoc	N/A	N/A	daily	N	auditrpg user/passwd
auditsys	Audit	N	N/A	ad hoc	N/A	N/A	daily	N	auditsys user/passwd
ccprg	Costing	N	N/A	ad hoc	N/A	N/A	monthly	N	ccprg user/passwd
cednld	Trade Management	Y	Broker	2	N/A	N/A	daily	R	cednld user/passwd broker file_name
cmpprg	Pricing	N	N/A	ad hoc	N/A	N/A	daily	N	cmpprg user/passwd
cmpupld	Pricing	N	N/A	ad hoc	N/A	All RPM batch modules	ad hoc	R	cmpupld user/passwd input_file reject_fil
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	rpladj rpxext dlinart	rplbid	daily	R	cntrprss user/passwd
costcalc	Details	Y	Supplier	2	precostcalc	prepost costcalc post	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	recdsldy	daily	R	cremhierdy user/passwd
dealact	Deals	Y	Deal Id	3	salstage prepost dealact_nor pre prepost dealact_po pre	N/A	daily	R	dealact user/passwd
dealcls	Deals	N	N/A	3	N/A	N/A	daily	R	dealcls user/passwd
dealdy	Deals	Y	Location	3	dealinc	prepost dealdy pos	monthly	R	dealdy user/passwd
dealex	Deals	Y	Deal Id	3	precostcalc dealinc	recdsldy	daily	N	dealex user/passwd
dealfct	Deals	Y	Deal Id	3	dealinc	salmtb dealfct	daily	R	dealfct user/passwd [Y/N - EOM processing ind]
dealfnc	Deals	Y	Deal Id	3	dealact dealinc	salmtb dealfct dealdy salmtb	weekly/ad hoc	R	dealfnc user/passwd
dealinc	Deals	Y	Deal Id	3	prepost dealinc pre	salmtb (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
dfrtld	Item Maintenance	Y	Dept	3	ordiscent	(SQL*Load the output file)	daily	R	dfrtld user/passwd outfile
disctobapply	OTB	Y	Dept	4	ordiscent	N/A	daily	R	disctobapply user/passwd
distrocpub	Pricing/Transfers/Allocation Publish	Y	Store	3	PriceEventExecutionBatch(RPM)	N/A	daily	R	distrocpub user/passwd
dlinart	Deals	N	N/A	1	N/A	costcalc	daily	R	dlinart user/passwd (P or S) (supplier/partner). P or S = program is either run for deals set up by Partner or Supplier.
dyprg	Maintenance	N	N/A	0	N/A	orddscent (All other batch programs)	daily	N	dyprg user/passwd
dcclose	Receiving	N	N/A	ad hoc	N/A	N/A	daily	R	dcclose user/passwd
dtesys	Calendar	N	N/A	date_set	of the batch cycle)	prepost dtesys post	daily	N	dtesys user/passwd [ndate--YYYYMMDD format]
dunmyctn	Receiving	N	N/A	ad hoc	N/A	N/A	daily	N	dunmyctn user/passwd
edidadd	Maintenance	N	N/A	ad hoc	N/A	N/A	ad hoc	N	edidadd user/passwd ediaddd_output ediaddd_catalog
edidcon	Contracting	N	N/A	ad hoc	N/A	N/A	ad hoc	N	edidcon user/passwd edidcon_outfile
edidinv	Invoice Matching	Y	Location	4	N/A	N/A	daily	R	edidinv user/passwd output_filename
edidord	Ordering	N	N/A	4	ordrev	N/A	ad hoc	R	edidord 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
edidrg	EDI Interface - Purge	N	N/A	ad hoc	(Towards the end of the batch cycle)	N/A	monthly	R	edidrg user/passwd
edupadd	Maintenance	N	File-based	2	N/A	N/A	daily	N	edupadd 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 edd_data_file error_fil
fcstprg	Forecasting	Y	Domain Id	ad hoc	prepost fcstprg pre	prepost fcstprg post	daily	N	fcstprg user/passwd domain
fcstbrld	Forecasting	Y	Domain Id	3	N/A	prepost fcstbrld post	weekly	R	fcstbrld user/passwd
fcstbrld_sbc	Forecasting	Y	Domain Id	3	prepost fcstbrld post	N/A	weekly	R	fcstbrld_sbc user/passwd
ftfgldn1	Financial Interface	Y	Dept	3	salstage	prepost ftfgldn1 post	daily	R	ftfgldn1 user/passwd
ftfgldn2	Financial Interface	Y	Dept	3	salstage	salapnd	daily	R	ftfgldn2 user/passwd
ftfgldn3	Financial Interface	Y	Store/Wh	3	salmtb	salapnd	monthly	R	ftfgldn3 user/passwd
ftmednld	Planning System Interface	N	N/A	ad hoc	N/A	N/A	ad hoc	R	ftmednld 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
hsbtld	Sales	Y	Location	3	posupld	prepost hsbtld post	weekly	R	hsbtld user/passwd level(weekly/rebuild)
hsbtld_diff	Sales	N	N/A	ad hoc	hsbtld	N/A	ad hoc	N	hsbtld_diff user/passwd
hsbtldmth	Sales	Y	Dept	3	posupld	prepost hsbtldmth post	monthly	R	hsbtldmth user/passwd level(monthly/rebuild)
hsbtldmth_diff	Sales	N	N/A	ad hoc	N/A	prepost hsbtldmth post	ad hoc	N	hsbtldmth_diff user/passwd
hstmthupd	Sales	Y	Location	3	(The program should be run on the last day of the month).	prepost hstmthupd post	monthly	R	hstmthupd user/passwd (out_file)
hsprg	Sales	N	N/A	ad hoc	N/A	N/A	monthly	N	hsprg user/passwd
hsprg_diff	Sales	N	N/A	ad hoc	N/A	N/A	weekly	N	hsprg_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 HSTMTHUPD.PC for non-existent records on ITEM_LOC_HIST	weekly	R	hstwkupd user/passwd (out_file)
htsupld	Trade Management	Y	File-based	ad hoc	Hts240_to_2400 (perl script) Ushs2rms (perl script)	prepost htstupld pre	ad hoc	R	htstupld user/passwd input_file reject_file country_id ; perl hts_240_to_2400 inputfile outfile ; perl ushs2rms inputfile outfile rejectfile
ibcalc	Investment Buy	Y	Dept	3	repxext	prepost ibcalc pre	daily	R	ibcalc user/passwd
ibexpl	Investment Buy	N	N/A	3	rplxt	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
lcardnld	Letter of Credit	N	N/A	4	N/A	lcm700 (perl script)	daily	R	lcardnld user/passwd output_file
lcrbid	Maintenance - Location	N	N/A	ad hoc	storeadd	N/A	monthly	R	lcrbid 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	lcmt798 (perl script)	N/A	daily	R	lcup798 userid/passwd input_file rej_file
lcupld	Letter of Credit	N	N/A	2	lcmt730 (perl script)	N/A	daily	R	lcupld userid/passwd input_file rej_file
lftskup	Stock Ledger	N	File-based	1	inv_bal_upload.sh (warehouse mgmt program)	stkupld	daily	N	lftskup userid/passwd input_file output_file
likestore	Maintenance - Location	Y	Dept	ad hoc	storeadc	prepost likestore pos	daily	R	likestore userid/passwd
mrt	Mass Return Transfers	Y	Warehouse	2	N/A	mrttrv	daily	R	mrt userid/passwd
mrtprg	Mass Return Transfers	Y	Warehouse	ad hoc	N/A	mrtupd	ad hoc	R	mrtprg userid/passwd
mrttrv	Mass Return Transfers	Y	Warehouse	2	mrt	mrtupd	daily	R	mrttrv userid/passwd
mrtupd	Mass Return Transfers	Y	Warehouse	2	mrttrv	N/A	daily	R	mrtupd userid/passwd
nwppurge	Stock Ledger	N	N/A	ad hoc	N/A	N/A	ad hoc	N	nwppurge userid/passwd
nwpyearend	Stock Count	Y	Location	4	run on last day of yea	N/A	yearly	R	nwpyearend userid/passwd
ociroq	Replenishment	N	N/A	3	prepost ociroq pre	N/A	daily	R	ociroq userid/passwd
onictext	Planning System Interface	Y	Transfer	4	repladj	onordndld	weekly	R	onictext userid/passwd datefile
onordndld	Planning System Interface	Y	Store/Wh	4	onordext	N/A	daily	R	onordndld userid/passwd
onordext	Planning System Interface	Y	Order	4	onictext	onictext	daily	R	onordext userid/passwd datefile
ordautcl	Ordering	N	N/A	ad hoc	prepost onordext pri	N/A	daily	N	ordautcl userid/passwd
orddscent	Deals	Y	Supplier	4	ditnst	discoztbody	daily	R	orddscent userid/passwd
ordprg	Ordering	N	N/A	ad hoc	rectsdly	dealcls	monthly	N	ordprg userid/passwd
ordrev	Ordering	N	N/A	4	N/A	invprg	daily	R	ordrev userid/passwd
ordupd	Ordering	N	N/A	4	orddscent	obtdndld	daily	N	ordupd userid/passwd
otbdld	OTB	N	N/A	4	scocxt	otbdlsal	daily	R	otbdld userid/passwd output_file
otbdndld	OTB	N	N/A	4	batch	otbdld	daily	R	otbdndld userid/passwd output_file
otbprg	OTB	N	N/A	ad hoc	ordupd	N/A	monthly	N	otbprg userid/passwd
otbupfwd	OTB	N	N/A	ad hoc	ordupd	N/A	daily	R	otbupfwd userid/passwd input_file reject_file
otbupld	OTB	Y	File-based	ad hoc	N/A	N/A	daily	R	otbupld userid/passwd input_file reject_file
poscdndld	Point of Sale Interface	N	File-based	ad hoc	N/A	N/A	daily	R	poscdndld userid/passwd output_file
posdndld	Point of Sale Interface	Y	N/A	4	poscdndld	prepost poscdndld post	daily	R	posdndld userid/passwd output_filename
posgddld	Point of Sale Interface	N	N/A	ad hoc	poscdndld	N/A	daily	R	posgddld userid/passwd output_file
posupld	Sales	Y	File-based	2	recldly	prepost posupld post	daily	R	posupld userid/passwd infile rejfile vatfile itemfile lockfile
precostcalc	Deals	Y	Supplier	2	saexprms(ReSA)	ditnst	daily	R	precostcalc userid/passwd supplier (May use the batch_prepostcostcalc.ksh for launching this program as it is created based on performance considerations)
prepost	Pre/post functionality	N	N/A	all phases	prepost precostcalc pre	costcalc	daily	N	prepost userid/passwd program pre_or_pos
reclsdly	Item Maintenance	Y	Reclass no	4	N/A	prepost reclsdly post	daily	R	reclsdly userid/passwd process_mode
repladj	Replenishment	Y	Dept	3	cremhierdly	reqlst	daily	R	repladj userid/passwd
reqlst	Replenishment	Y	Partition (Item)	3	rplatusd	reqlst	daily	R	reqlst userid/passwd partition_position (May use the batch_reqlst.ksh for launching this program as it is created based on performance considerations)
rlmaint	Replenishment	Y	Location	3	posupld	reqlst	daily	R	rlmaint username/password
rlapprv	Replenishment	N	N/A	3	repladj	prepost ociroq pre	daily	R	rlapprv userid/passwd
rlatusd	Replenishment	Y	Location	3	reqlst	prepost rlmaint post	daily	R	rlatusd userid/passwd
rlbld	Replenishment	Y	Supplier	3	reqlst	prepost rlmaint post	daily	R	rlbld username/password
rlpext	Replenishment	Y	Dept	3	reqlst	prepost rlmaint post	daily	R	rlpext userid/passwd dept (May use the batch_rlpext.ksh for launching this program as it is created based on performance considerations)
rlprg	Replenishment	N	N/A	ad hoc	reqlst	prepost rlmaint post	daily	R	rlprg userid/passwd
rlsplit	Replenishment	Y	Supplier	3	reqlst	prepost rlmaint post	daily	R	rlsplit userid/passwd
rlpmovavg	Pricing	Y	Store	3	reqlst	prepost rlmaint post	daily	R	rlpmovavg userid/passwd business_date(YYYYMMDD) store(optiona
rlvprg	RTV	N	N/A	ad hoc	reqlst	prepost rlmaint post	daily	R	rlvprg userid/passwd
saescheat	Sales Audit	N	N/A	SA	reqlst	prepost rlmaint post	monthly	R	saescheat userid/passwd
saexpach	Sales Audit	N	N/A	SA	reqlst	prepost rlmaint post	daily	R	saexpach userid/passwd
saexpgl	Sales Audit	N	N/A	SA	reqlst	prepost rlmaint post	daily	R	saexpgl userid/passwd
saexpim	Sales Audit	N	N/A	SA	reqlst	prepost rlmaint post	daily	R	saexpim userid/passwd
saexpndw	Sales Audit	Y	Store	SA	reqlst	prepost rlmaint post	daily	R	saexpndw userid/passwd ; perl resa2rdw inputfile outputfil
saexpms	Sales Audit	Y	Store	SA	reqlst	prepost rlmaint post	daily	R	saexpms userid/passwd
saexpuar	Sales Audit	N	N/A	SA	reqlst	prepost rlmaint post	daily	R	saexpuar userid/passwd
sagetref	Sales Audit	N	N/A	SA	reqlst	prepost rlmaint post	daily	R	sagetref userid/passwd itemfile wastefile ref_itemfile prim_variantfile varupcfile storedayfile codesfile errorfile
saimptlog	Sales Audit	Y	Store/Day	SA	reqlst	prepost rlmaint post	daily	N	saimptlog userid/passwd itemfile wastefile ref_itemfile prim_variantfile varupcfile storedayfile codesfile errorfile
saimptlogln	Sales Audit	N	N/A	SA	reqlst	prepost rlmaint post	daily	R	saimptlogln userid/passwd store_day_file

salapnd	Stock Ledger	N	N/A	3	salstage fflgldn1	N/A	daily	R	salapnd user/passwd
salidy	Stock Ledger	Y	Store/Wh	3	fflgldn2	salweek	daily	R	salidy user/passwd
saleoh	Stock Ledger	Y	Dept	3	salstage	N/A	half yearly	N	saleoh 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
salimth	Stock Ledger	Y	Dept	3		prepost salimth post	monthly	R	salimth user/passwd
salprg	Stock Ledger	N	N/A	ad hoc	N/A	N/A	daily	N	salprg user/passwd
						salidy salapnd salweek deallct rpmovavg fflgldn1 fflgldn2			
salstage	Stock Ledger	N	N/A	3	posupld saldly stkdy salapnd prepost salweek pre deallct dealinc	salimth prepost salweek post N/A	daily	N	salstage user/passwd
salweek	Stock Ledger	Y	Dept	3		salimth	weekly	R	salweek user/passwd
sapreexp	Sales Audit	N	N/A	SA	SA audit process	prepost salweek post (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
sapurge	Sales Audit	Y	Store	SA	sapurge pre (This program should be run as the last program in the ReSA batch schedule)	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 (It should run before the DTESYS batch program and before the next store/day's transactions are received)	sapreexp saescheat	daily	R	sarules user/passwd store_no
sastdyr	Sales Audit	N	N/A	date_set	date_set	dtesys	daily	R	sastdyr user/passwd [YYYYMMDD]
satotals	Sales Audit	N	N/A	SA	saamptlogfn	satotals	daily	R	satotals user/passwd store_no
savouch	Sales Audit	N	N/A	SA	saamptlog (and its SQL Load process	saamptlogfn	daily	R	savouch user/passwd infile rejfile tendertype_fil
sccost	Costing	Y	Cost change	3	costindex.ksh (RMS to RDW RETL extract)	prepost sccost post	daily	R	sccost user/passwd
schedprg	Organizational Hierarchy	N	N/A	ad hoc	N/A	N/A	monthly	R	schedprg user/passwd
slmain	Item Maintenance	N	N/A	ad hoc	icrbld	N/A	ad hoc	R	slmain user/passwd
southnd	Forecasting	Y	Domain Id	4	N/A	N/A	daily	R	southnd user/passwd
stkdy	Stock Ledger	Y	Dept	3	stkvar	salweek	daily	R	stkdy user/passwd
stkgpr	Stock Ledger	N	N/A	ad hoc	N/A	prepost stkgpr post	monthly	N	stkgpr user/passwd
stkschedxpld	Stock Ledger	Y	Location	0	N/A	stkxpld	daily	R	stkschedxpld user/passwd
stkupd	Stock Ledger	Y	Location	3	prepost stkupd pre		daily	R	stkupd user/passwd
stkupld	Stock Ledger	Y	Dept	1	stkup	prepost stkupd post	daily	R	stkupld user/passwd input_file reject_fil
stkvar	Stock Ledger	Y	Dept	1	N/A	N/A	daily	R	stkvar user/passwd [report_file_name
stkxpld	Stock Ledger	Y	Dept	3	wasteadj	stkupd	daily	R	stkxpld user/passwd
stgdnld	Stock Ledger	Y	Dept	4	N/A	N/A	weekly	R	stgdnld user/passwd input_file
storeadd	Maintenance - Location	N	N/A	ad hoc	N/A	likestore	daily	R	storeadd user/passwd
supcnstr	Replenishment	N	N/A	3	rpibld	rpisplit	daily	R	supcnstr user/passwd
supmth	Stock Ledger	Y	Dept	3	N/A	prepost supmth post	monthly	R	supmth user/passwd
tampcrtcn	Receiving	N	N/A	ad hoc	N/A	N/A	ad hoc	N	tampcrtcn 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 locator
tfposdn	Sales Tax	N	N/A	4	txposdn	prepost tfposdn post	daily	R	tfposdn user/passwd output_file
tranupld	Trade Management	Y	File-based	ad hoc	N/A	N/A	daily	R	tranupld user/passwd infile
tsprg	Transfers	N	N/A	ad hoc	N/A	N/A	monthly	R	tsprg user/passwd
txposdn	Point of Sale Interface	N	N/A	4	N/A	tfposdn	daily	R	txposdn user/passwd
txrtupld	Sales Tax	N	N/A	4	N/A	N/A	ad hoc	R	txrtupld username/password input_file reject_fil
vatdxpl	Maintenance - VAT	Y	Vat Region	0	N/A	prepost vatdxpl pos	daily	R	vatdxpl user/passwd
					dealact salstage(if daily) prepost vendinv pre	prepost vendinv post salweek(if weekly) salimth (if monthly) prepost vendinv post salweek(if weekly)	daily	R	vendinv user/passwd
vendinv	Deals	Y	Deal Id	3					
vendinvf	Deals	Y	Deal Id	3	prepost vendinv pre	salimth (if monthly)	daily	R	vendinvf user/passwd
vpibld	Replenishment	Y	Supplier	2	edupack	prepost vpibld post	daily	R	vpibld user/passwd
						stkupld	daily	R	
wasteadj	Stock Ledger	Y	Store	3	N/A	N/A	daily	R	wasteadj user/passwd
whadd	Maintenance - Location	N	N/A	ad hoc	N/A	N/A	daily	R	whadd user/passwd
whstrag	Maintenance - Location	N	N/A	3	(Must be run after all replenishment batch programs)	prepost whstrag post	daily	R	whstrag 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	recsldly(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	NewItemLocBatch	PriceEventExecutionBatch	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	PriceEventExecutionRMSBatch	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	Pricing event	N/A	N/A	MerchExtractKickOffBatch	daily	N	priceStrategyCalendarBatch.sh rpm-app-userid password
WorksheetAutoApproveBatch	Pricing Worksheet	Y	Price strategy	N/A	PriceEventExecutionBatch	MerchExtractKickOffBatch	daily	N	worksheetAutoApproveBatch.sh rpm-app-userid password
					storeadd (RMS)				
MerchExtractKickOffBatch	Pricing Worksheet	Y	Price strategy	N/A	PriceStrategyCalendarBatch	N/A	daily	N	merchExtractKickOffBatch.sh rpm-app-userid password
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		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		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		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	daily/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
priceChangeAreaDifferentialBatcl	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
AutoMatch	Invoice Matching (ReIM)	Y	N/A	6	TermsRankingService	ReasonCodeActionRollup	daily	R	AutoMatch userid/password
BatchPurge	Invoice Matching (ReIM)	N	N/A	0	N/A	ResolutionPosting	daily	R	BatchPurge userid/password
ComplexDealUpload	Invoice Matching (ReIM)	Y	N/A	5	vendinvrc(RMS), vendinvrl(RMS)	AutoMatch	daily	R	ComplexDealUpload userid/password BlockSize PartitionNo
DiscrepancyPurge	Invoice Matching (ReIM)	N	N/A	1	N/A	N/A	daily	R	DiscrepancyPurge userid/password
DisputedCreditMemoRollup	Invoice Matching (ReIM)	N	N/A	6	ReasonCodeActionRollup	ResolutionPosting	daily	R	DisputedCreditMemoRollup userid/password
EdlinvoiceUpload	Invoice Matching (ReIM)	Y	N/A	5	eddlinv(RMS)	AutoMatch	daily	R	EdlinvoiceUpload userid/password "EDI input file with path" "EDI reject file with path"
EdlinvoiceDownload	Invoice Matching (ReIM)	N	N/A	7	ResolutionPosting	N/A	daily	R	EdlinvoiceDownload userid/password
FixedDealUpload	Invoice Matching (ReIM)	Y	N/A	5	vendinvrc(RMS), vendinvrl(RMS)	AutoMatch	daily	R	FixedDealUpload userid/password BlockSize PartitionNo
ReasonCodeActionRollup	Invoice Matching (ReIM)	N	N/A	6	AutoMatch	DisputedCreditMemoRollup	daily	R	ReasonCodeActionRollup userid/password
ReceiptWriteoff	Invoice Matching (ReIM)	N	N/A	6	AutoMatch	N/A	daily	R	ReceiptWriteoff userid/password
						ReasonCodeActionRollup			
ReceiverAdjustment	Invoice Matching (ReIM)	N	N/A	1	EdlinvoiceUpload	ResolutionPosting	daily	R	ReceiverAdjustment userid/password
ResolutionPosting	Invoice Matching (ReIM)	N	N/A	6	ReasonCodeActionRollup, DisputedCreditMemoRollup	N/A	daily	R	ResolutionPosting userid/password
TermsRankingService	Invoice Matching (ReIM)	N	N/A	6	N/A	AutoMatch	monthly	R	TermsRankingService 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
					sltmaint				
rmse_rpas_item_master.ksh	Planning/Forecast System Interface	N	N/A	N/A	recsldly	Refer to RPAS Operations guide	daily	N	N/A
					recsldly				
rmse_rpas_merchhier.ksh	Planning/Forecast System Interface	N	N/A	N/A	dyprgr	Refer to RPAS Operations guide	daily	N	N/A
					dyprgr				
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
					stkdlly				
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

					storeadd								
rmse_rpas_store.ksh	Planning/Forecast System Interface	N	N/A	N/A	dyprg	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	dyprg	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_retal_date.ksh CLOSED_ORDER or RECEIVED_QTY	

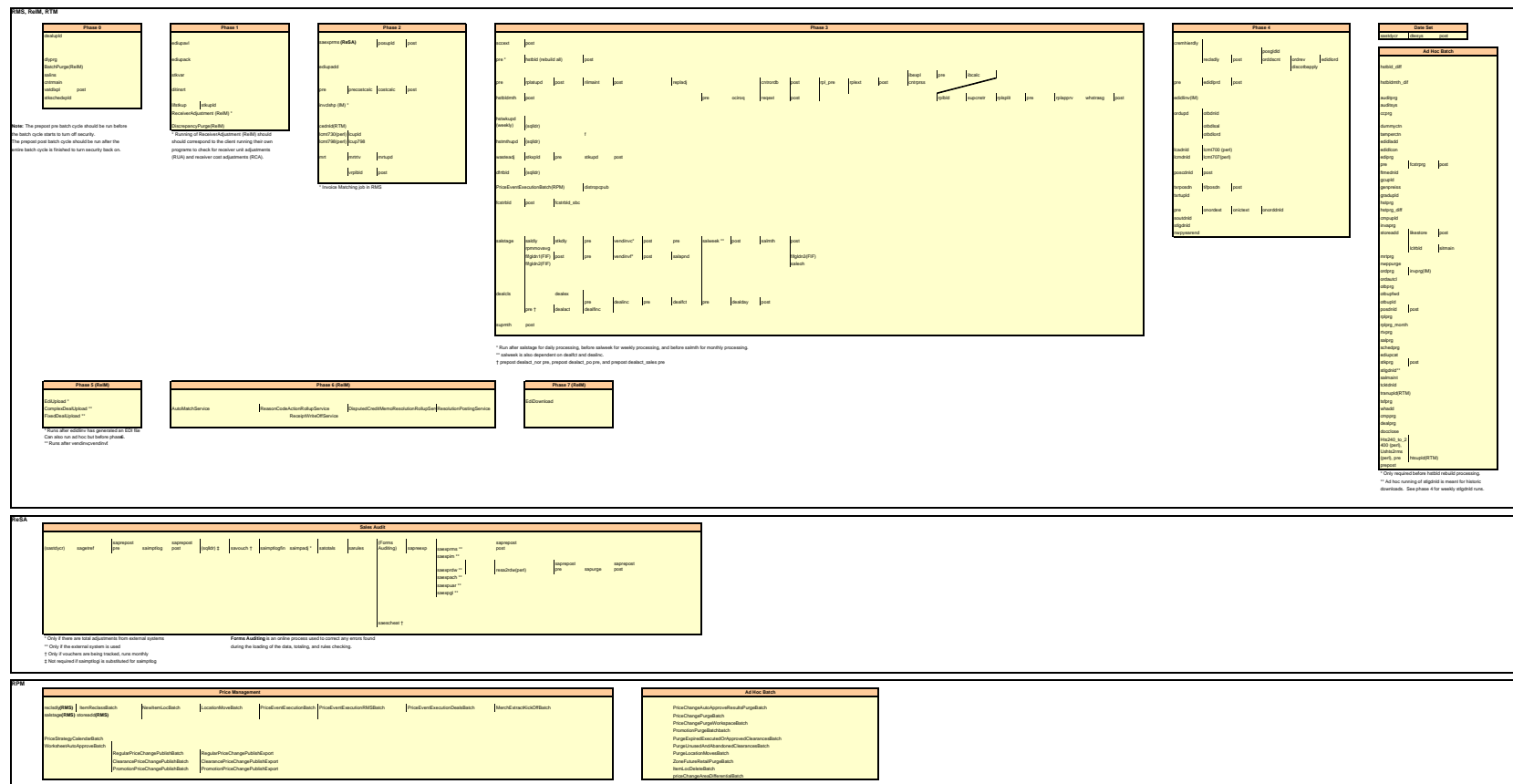
**RMS to RDW RETL Extracts Dependency and Scheduling  
Details (EXTRACTS FOR RDW)**

Dimension source:													
Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs				
cdcdtlx.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
cmpttrmx.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N					N/A
cmprtoex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N					N/A
cmcydcex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N					N/A
cmpltyex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N					N/A
orgaraex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dyprg (RMS), lcltbl (RMS)	Refer to RDW operations guide	daily	N					N/A
orgchanex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dyprg (RMS), lcltbl (RMS)	Refer to RDW operations guide	daily	N					N/A
orgchnex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dyprg (RMS), lcltbl (RMS)	Refer to RDW operations guide	daily	N					N/A
orgdisex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dyprg (RMS), lcltbl (RMS)	Refer to RDW operations guide	daily	N					N/A
orglmex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dyprg (RMS), lcltbl (RMS)	Refer to RDW operations guide	daily	N					N/A
orgloex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dyprg (RMS), lcltbl (RMS)	Refer to RDW operations guide	daily	N					N/A
orglolex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dyprg (RMS), lcltbl (RMS)	Refer to RDW operations guide	daily	N					N/A
orglmex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dyprg (RMS), lcltbl (RMS)	Refer to RDW operations guide	daily	N					N/A
orgltrex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dyprg (RMS), lcltbl (RMS)	Refer to RDW operations guide	daily	N					N/A
orggrnex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dyprg (RMS), lcltbl (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
prdcisex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dyprg (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), recslsly (RMS), dyprg (RMS)	Refer to RDW operations guide	daily	N					N/A
prddifex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dyprg (RMS)	Refer to RDW operations guide	daily	N					N/A
prddivex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dyprg (RMS)	Refer to RDW operations guide	daily	N					N/A
prcdtypex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dyprg (RMS)	Refer to RDW operations guide	daily	N					N/A
prdgrpex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dyprg (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), recslsly (RMS), dyprg (RMS)	Refer to RDW operations guide	daily	N					N/A
prdtlmex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dyprg (RMS)	Refer to RDW operations guide	daily	N					N/A
prdtlmimex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dyprg (RMS)	Refer to RDW operations guide	daily	N					N/A
prdtlmimex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N					N/A
prdtmsmex.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), recslsly (RMS), dyprg (RMS)	Refer to RDW operations guide	daily	N					N/A
prdsboex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dyprg (RMS)	Refer to RDW operations guide	daily	N					N/A
prduaeex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recslsly (RMS), dyprg (RMS)	Refer to RDW operations guide	daily	N					N/A
regnpgex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N					N/A
regnmpex.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, cntmain (RMS)	Refer to RDW operations guide	daily	N					N/A
supsupex.ksh	RDW interface	N	N/A	N/A	A, B, cntmain (RMS)	Refer to RDW operations guide	daily	N					N/A
suptmex.ksh	RDW interface	N	N/A	N/A	A, B, cntmain (RMS)	Refer to RDW operations guide	daily	N					N/A
suptrex.ksh	RDW interface	N	N/A	N/A	A, B, cntmain (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
tlitypex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N					N/A





Integrated Merchandising Batch Schedule





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## Interface Diagrams for RMS and RPAS

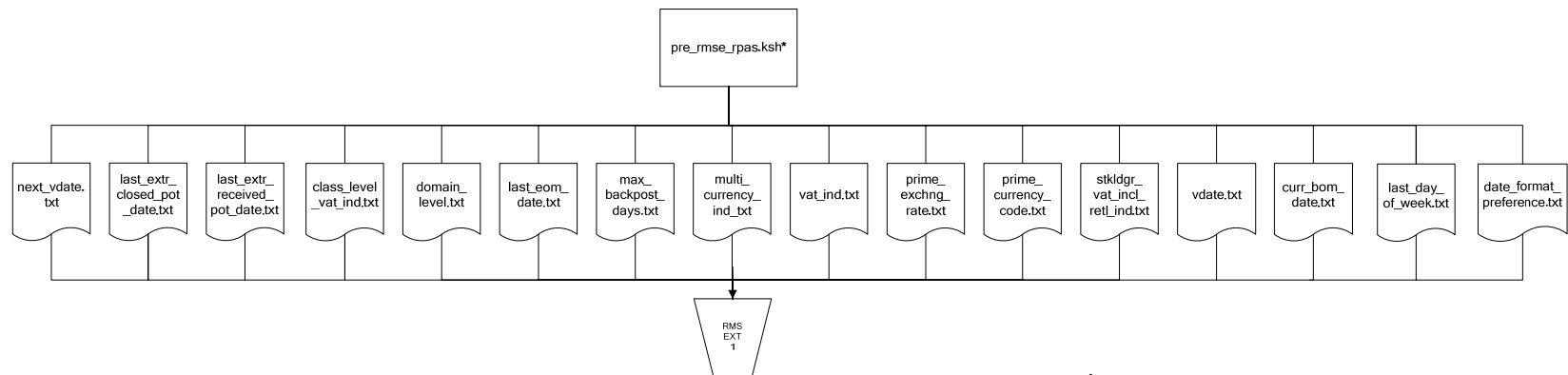
Because RMS is the retailer's central merchandising transactional processing system, it is the principle source of the foundation data needed in some of the Oracle Retail suite of products. RMS provides foundation data to RPAS, and RPAS provides planning data to RMS.

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.

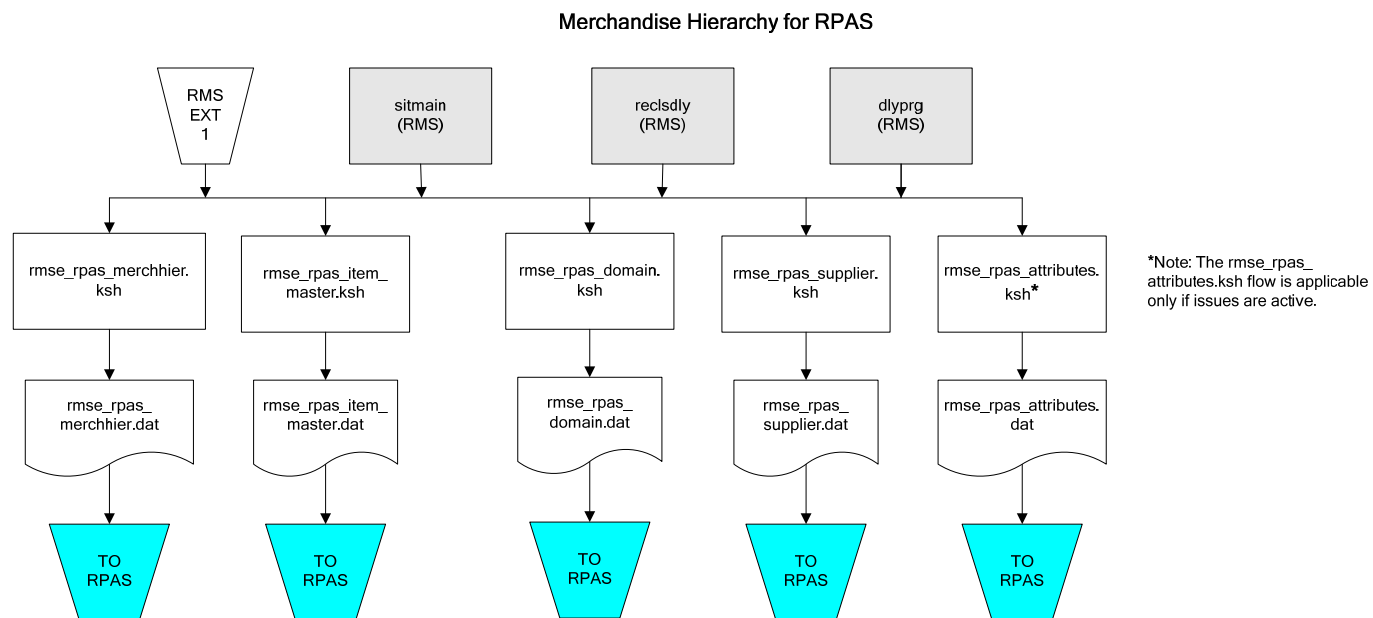
## RMS Pre/Post Extract Diagrams

### RMS Pre RETL Extract Maintenance

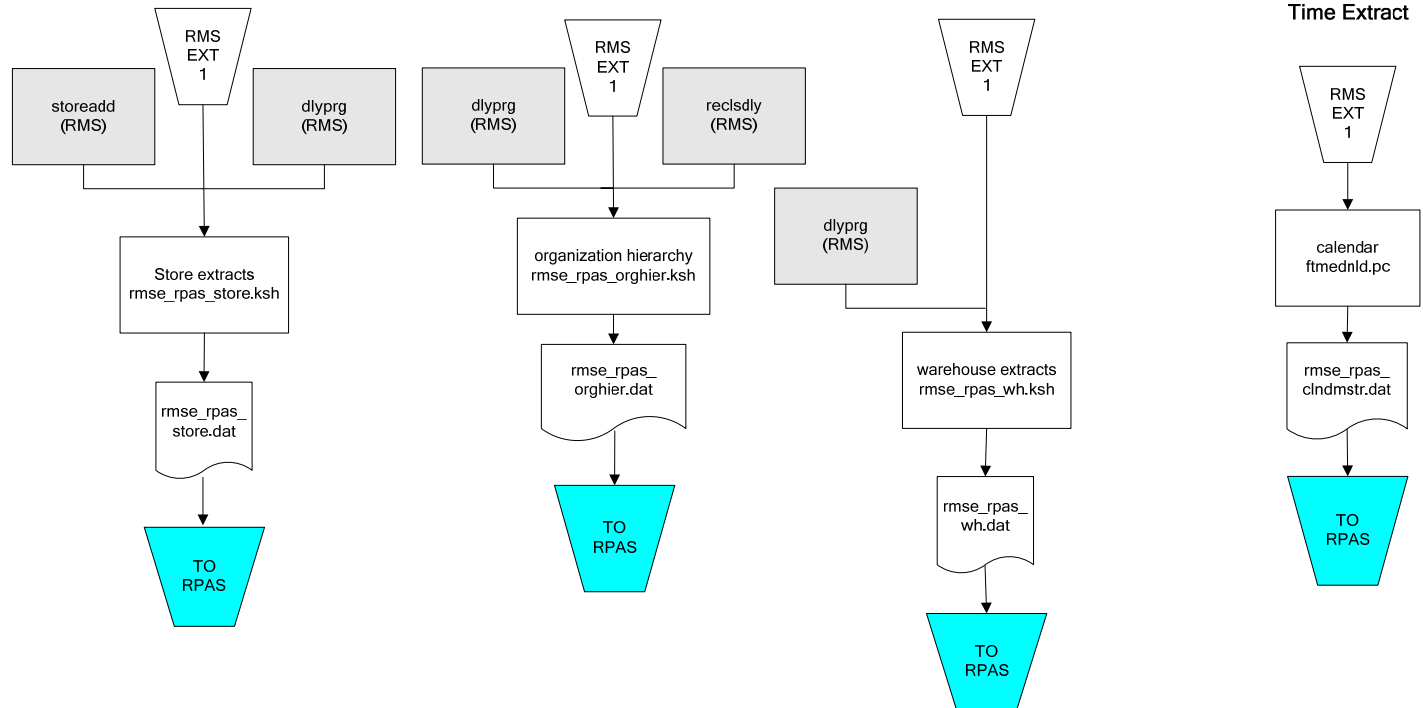


**\* Note:** The `pre_rmse_rpas.ksh` program checks for existing .txt output files. Because of this validation, retailers running the program for the first time should include an optional `-c` parameter. This parameter allows the program to run successfully without pre-existing .txt output files.

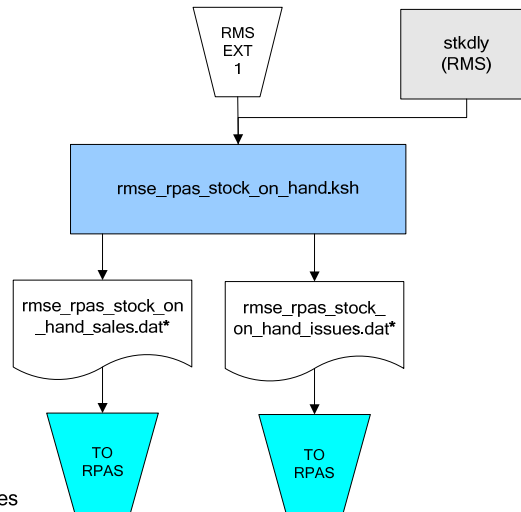
## RMS Foundation Data Extract Diagrams



### Organization Hierarchy for RPAS



## RMS Fact Data Extract Diagrams

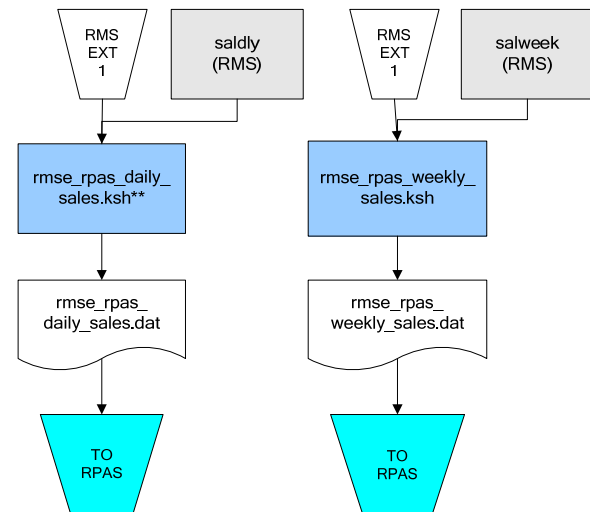


### \* Note:

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

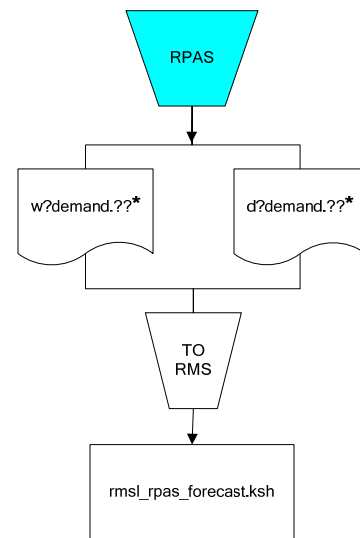
## Sales Extracts For RPAS



### \*\* 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

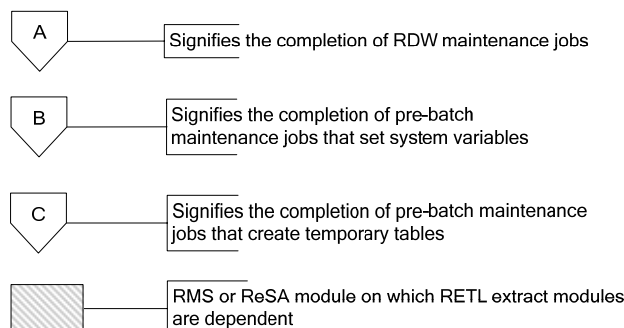
RMS works in conjunction with the Oracle Retail Extract Transform and Load (RETL) framework. RETL provides high-performance processing to extract data from Oracle Retail applications for use in data warehouses. The architecture allows database batch processes to take advantage of parallel processing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

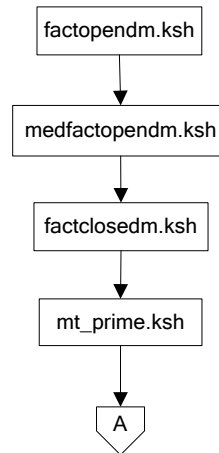
### Legend



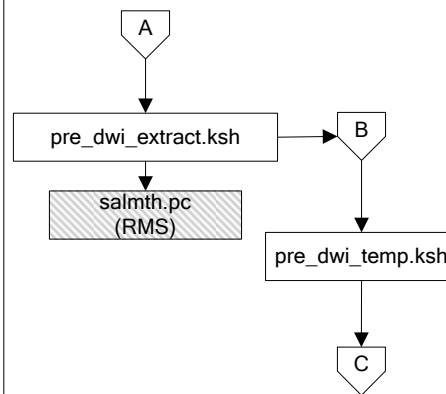
**Note:**

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



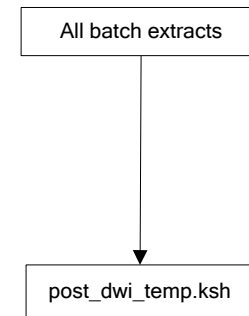
### Pre-Batch Maintenance



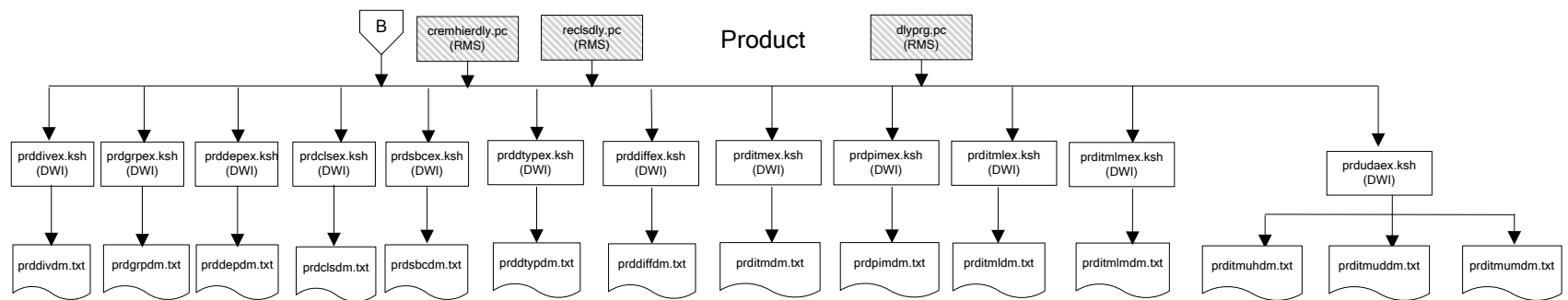
**Note:**

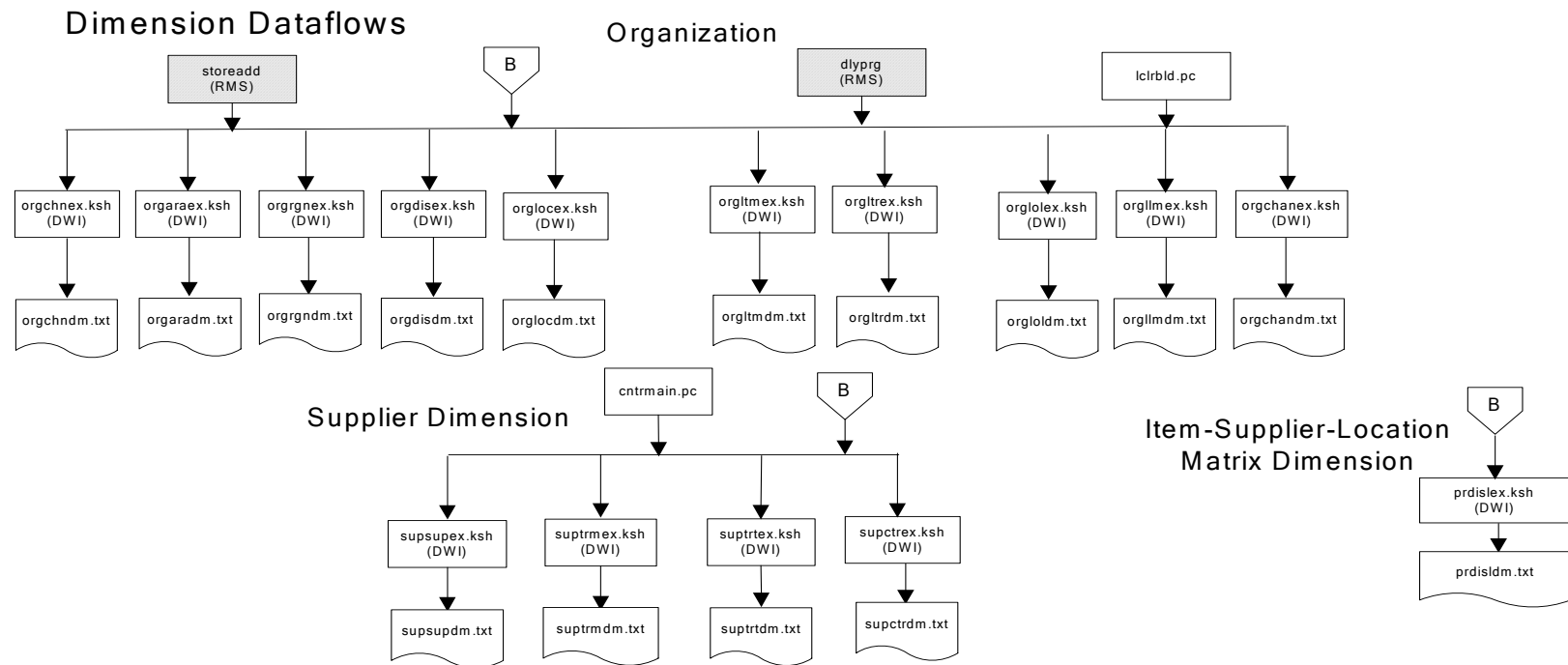
salmth.pc resets the last eom\_date. Thus, it must be run after the system indicator is extracted by pre\_dwi\_extract.ksh.

### Post-Batch Maintenance

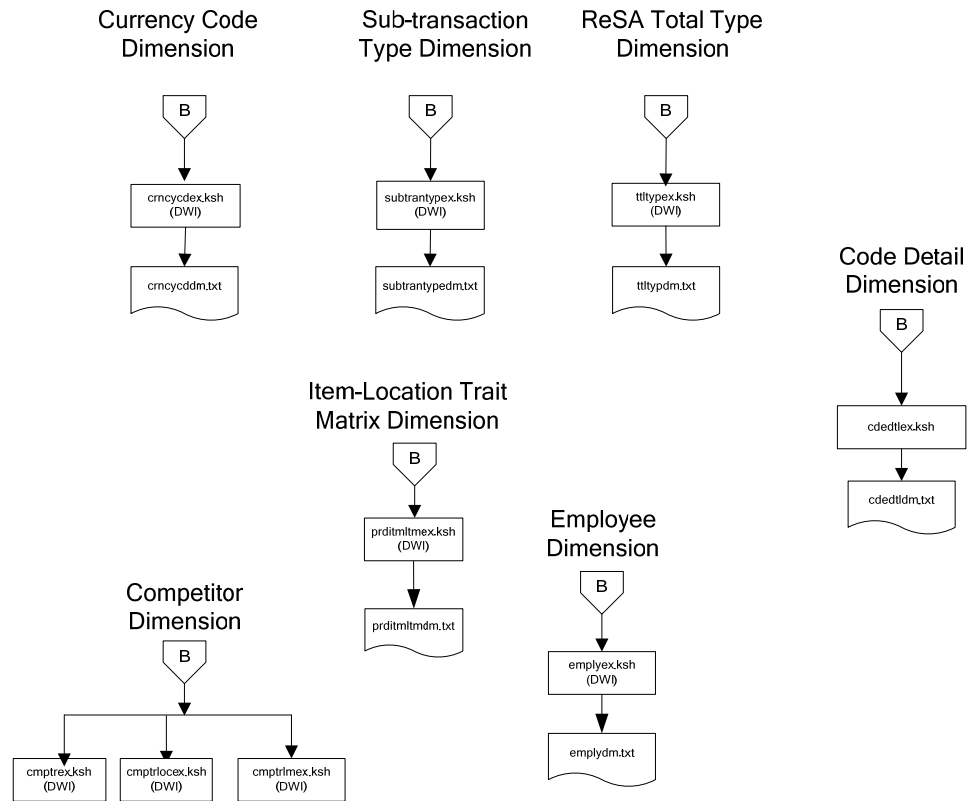


## Dimension Dataflows



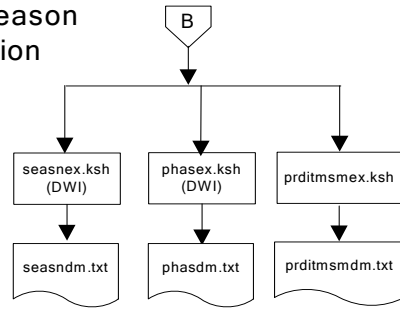


## Dimension Dataflows

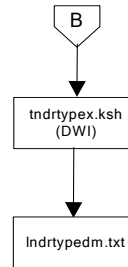


## Dimension Dataflows

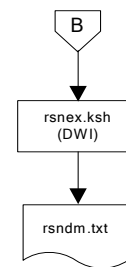
### Product Season Dimension



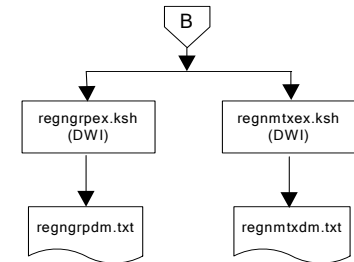
### Tender Type Dimension



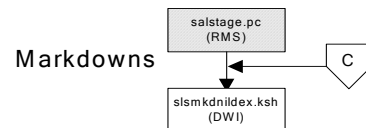
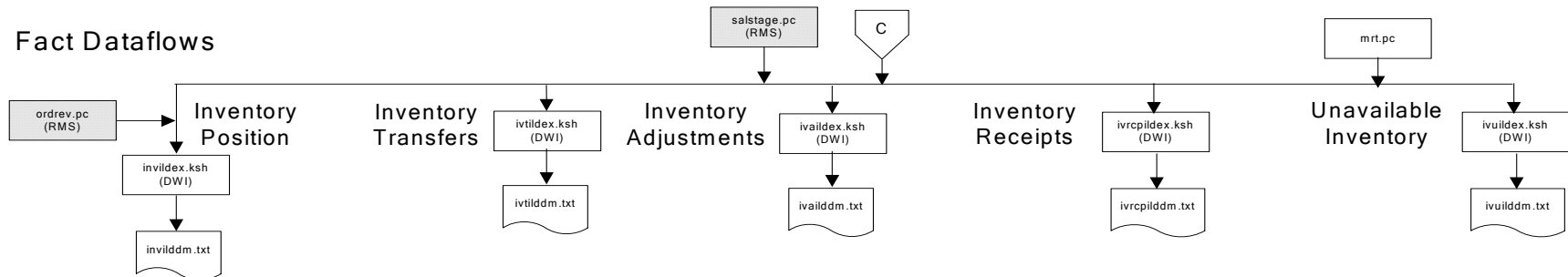
### Reason Dimension



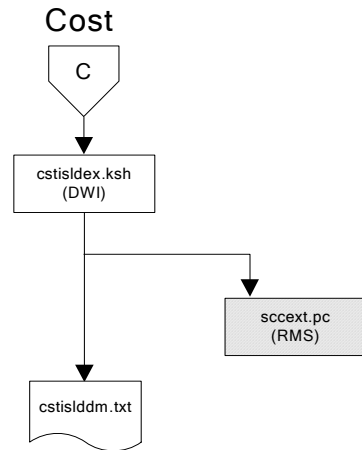
### Regionality Dimension



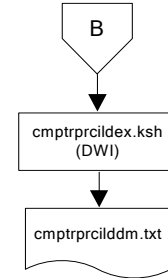
## Fact Dataflows



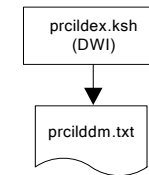
## Fact Dataflows



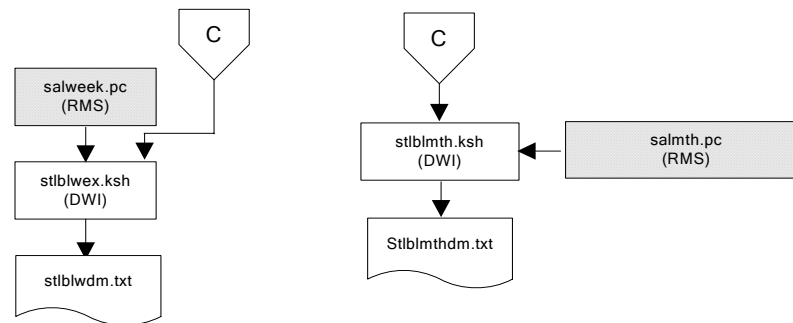
## Competitor Pricing



## RPM Pricing



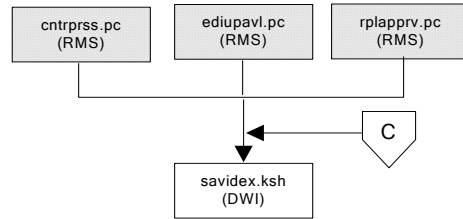
## Stock Ledger



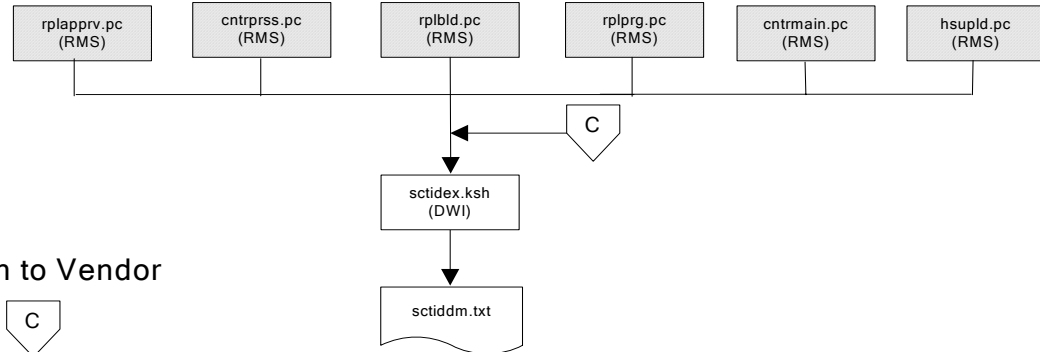
**Note:**  
Run stock ledger fact loads once weekly.

## Fact Dataflows

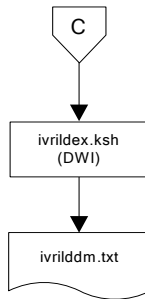
### Supplier Availability



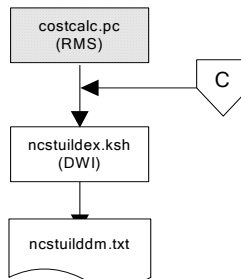
### Supplier Contract



### Return to Vendor



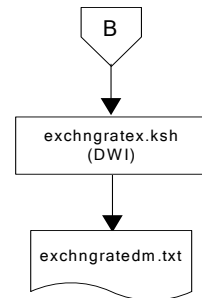
### Net Cost



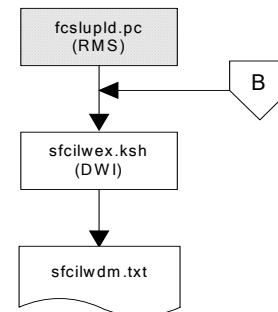


## Fact Dataflows

### Exchange Rates

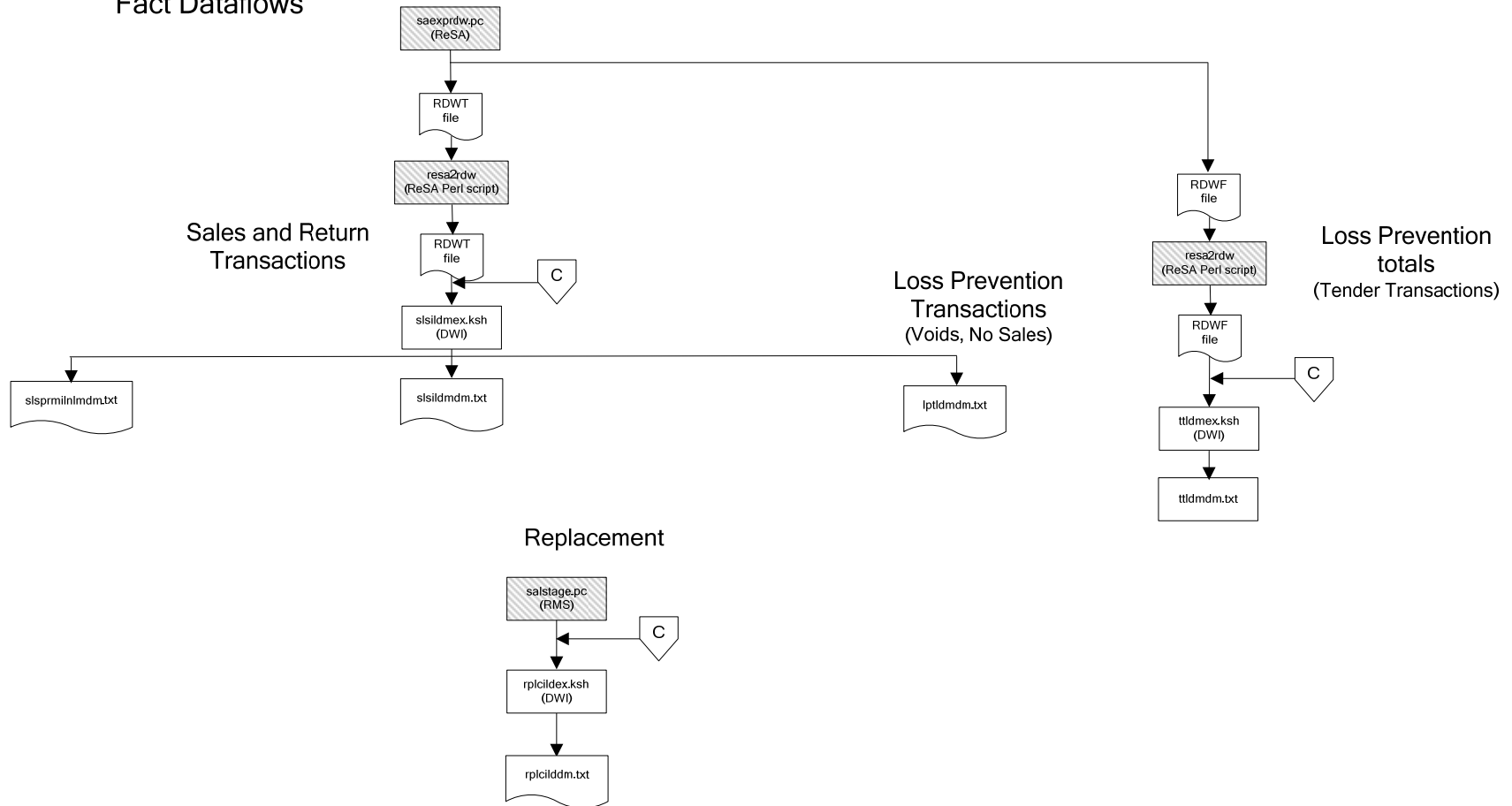


### Sales Forecasts

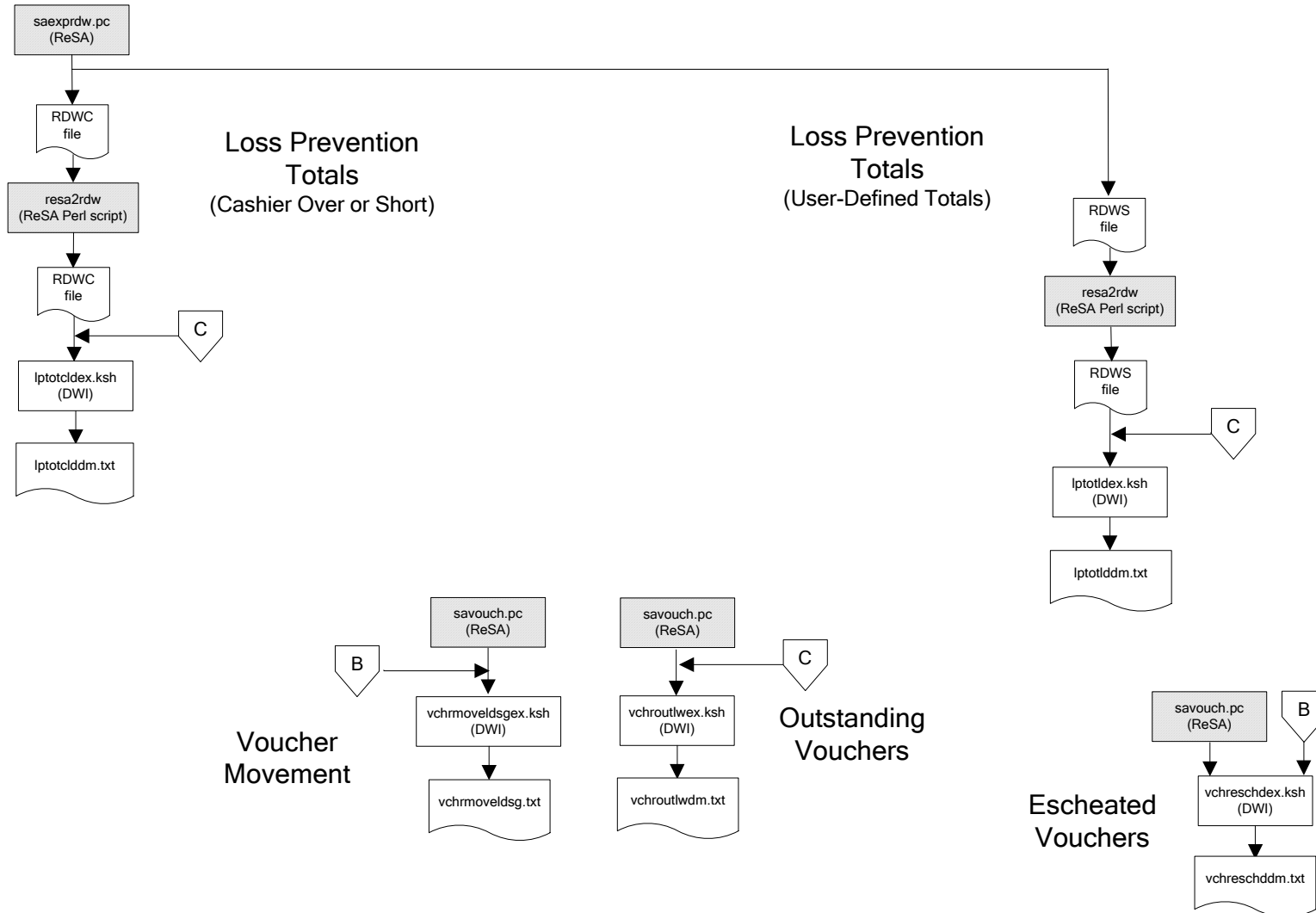


**Note:**  
Run sales forecast fact loads  
once weekly.

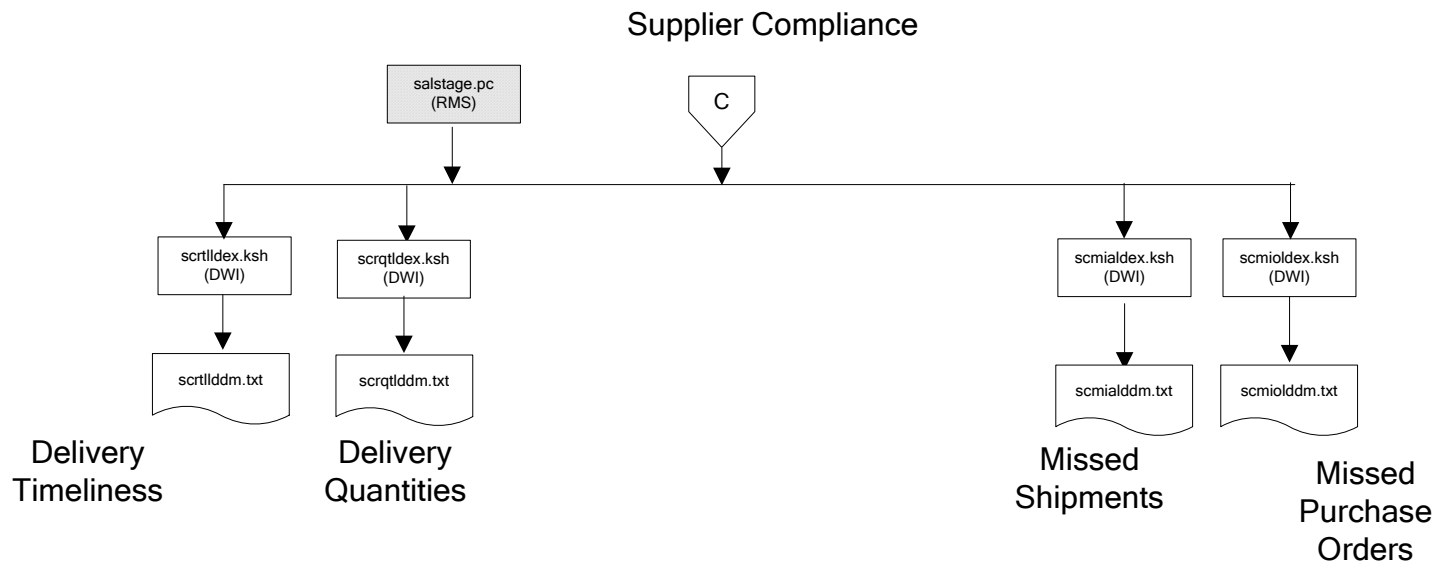
## Fact Dataflows



## Fact Dataflows



## Fact Dataflows



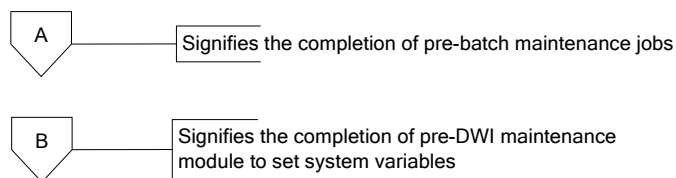
## Interface Diagram for RPM and RDW

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.

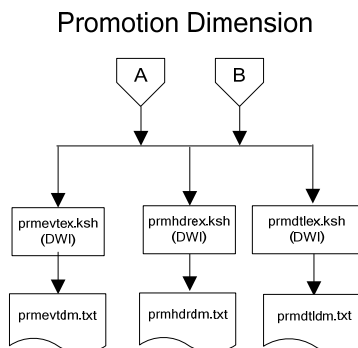
For detailed information about dimensions and facts, see the Retail Data Warehouse Operations Guide.

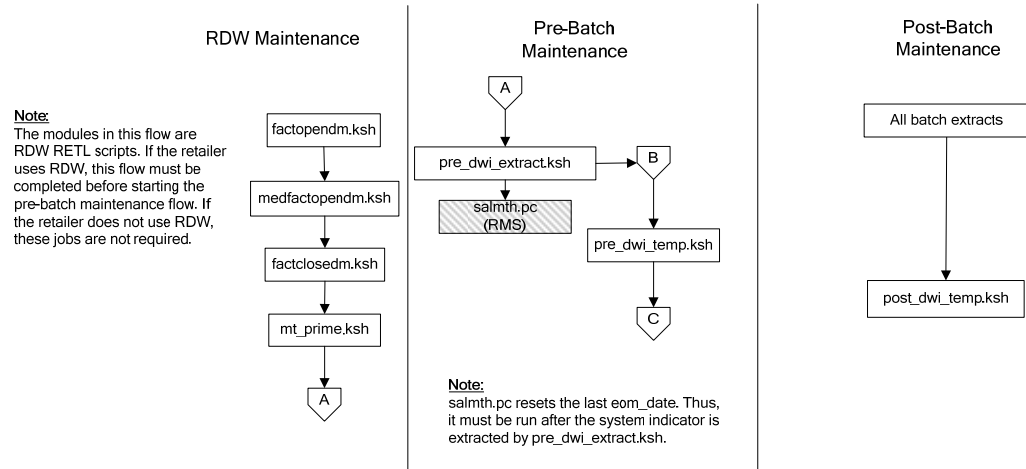
See the Retail Merchandising System Operations Guide Volume 1 – Batch Overviews and Designs for more information about the modules shown in the following diagram.

### Legend



### Program Flow Diagram





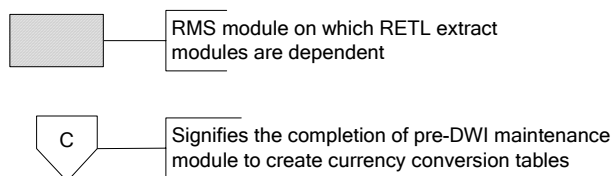
## Interface Diagram for ReIM and RDW

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.

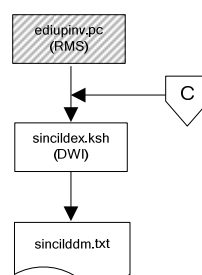
See the Retail Merchandising System Operations Guide Volume 1 – Batch Overviews and Designs for more information about the modules shown in the following diagram.

### Legend



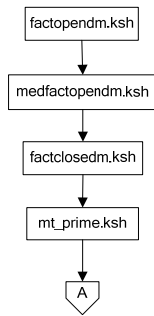
### Program Flow Diagram

#### Supplier Invoice Cost

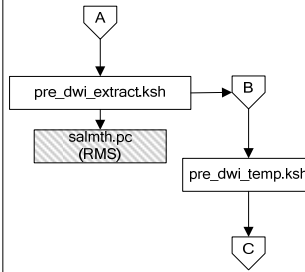


**Note:**  
The modules in this flow are RDW RETL scripts. If the retailer uses RDW, this flow must be completed before starting the pre-batch maintenance flow. If the retailer does not use RDW, these jobs are not required.

## 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

