

## **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.

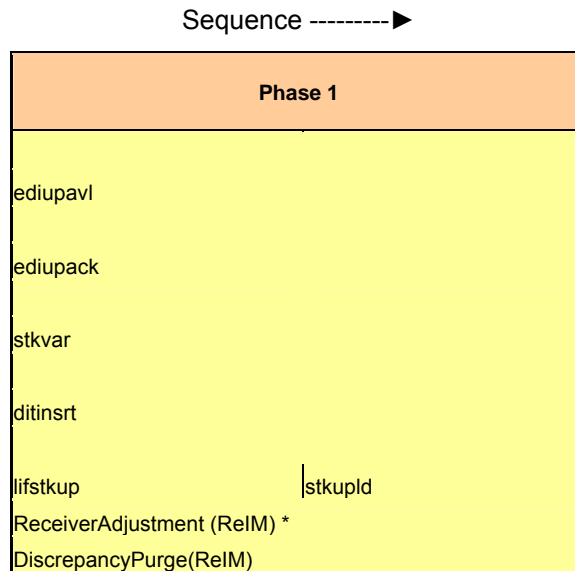
Each phase must be completed before the next phase can begin. Also, a phase may contain programs that depend on other programs within the phase. Programs within each phase may need to run in a particular sequence.

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.



## 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 cntnrddb and reqext are dependent on ociroq. Neither cntnrddb nor reqext can be run until the ociroq module has completed successfully.

ociroq	cntnrddb 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>
------------	---------------	-------------

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	
audtsys	Audit	N	N/A	ad hoc	N/A	N/A	daily	N	audtsys user/passwd	
batch_ornos_extract.ksh	Point of Sale Interface	Y	Store	4	If RPM pricing info is reqd then run after extraction script	N/A	daily	N	batch_ornos_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	
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_file	
cntrmain	Contracting	N	N/A	0	N/A	All Replenishment modules	daily	R	cntrmain user/passwd	
cntrordb	Contracting	N	Contract	3	rpladj	prepost cntrordb post	daily	R	cntrordb user/passwd	
cntrprss	Contracting	Y	Dept	3	rplex	rpibid	daily	R	cntrprss user/passwd	
costcalc	Deals	Y	Supplier	2	dtinrst	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	reclsdly	daily	R	cremhierdy user/passwd	
deallact	Deals	Y	Deal Id	3	prepost deallact_nor pre	N/A	daily	R	deallact user/passwd	
dealcis	Deals	N	N/A	3	prepost deallact_sales pre	N/A	daily	R	dealcis user/passwd	
dealday	Deals	Y	Location	3	N/A	prepost dealday pos	monthly	R	dealday user/passwd	
dealex	Deals	Y	Deal Id	3	dealinc	dealcinc	daily	N	dealex user/passwd	
dealfct	Deals	Y	Deal Id	3	prepost costcalc	reclsdly	daily	R	dealfct user/passwd [Y/N - EOM processing ind]	
dealfinc	Deals	Y	Deal Id	3	dealinc	salnth	weekly/ad hoc	R	dealfinc user/passwd	
dealinc	Deals	Y	Deal Id	3	deallact	deallact	monthly	R	dealinc user/passwd [Y/N -EOM processing ind]	
dealprg	Deals	Y	Deal Id	ad hoc	prepost dealinc pre	salnth (if monthly)	monthly	R	dealprg user/passwd	
dealupld	Deals	Y	File-based	0	N/A	N/A	daily	R	dealupld user/passwd input_file reject_fil	
dfrtbd	Item Maintenance	Y	Dept	3	(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	dfrtbd user/passwd outfile	
discoctbply	OTB	Y	Dept	4	ordscnt	(SQL*Load the output file)	daily	R	discoctbply user/passwd	
distrocpub	Pricing/Transfers/Allocation Publish	Y	Store	3	PriceEventExecutionBatch(RPM)	N/A	daily	R	distrocpub user/passwd	
dtinrst	Deals	N	N/A	1	N/A	costcalc	daily	R	dtinrst user/passwd (P or S) (supplier/partner). Partner or Supplier.	P or S = program is either run for deals set up by supplier/partner is selected by
dybrg	Maintenance	N	N/A	0	N/A	ordscnt	daily	N	appropriate calling script and passed into program. Note: (May use the batch_dtinrst.ksh for launching this program as it is created based on performance considerations)	
dcclose	Receiving	N	N/A	ad hoc	N/A	(All other batch programs)	daily	R	dybrg user/passwd	
dtesys	Calendar	N	N/A	date_set	(This program should run at the end of the batch cycle)	N/A	daily	N	dtesys user/passwd [ndate--YYYYMMDD format]	
dummyctn	Receiving	N	N/A	ad hoc	N/A	prepost dtesys post	daily	N	dummyctn user/passwd	
eddiadd	Maintenance	N	N/A	ad hoc	N/A	N/A	ad hoc	N	eddiadd 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	
edidprg	EDI Interface - Purge	N	N/A	ad hoc	(Towards the end of the batch cycle)	N/A	monthly	R	edidprg user/passwd	
edidupack	Maintenance	N	File-based	2	N/A	N/A	daily	N	edidupack 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	
fcstprg	Forecasting	Y	Domain Id	ad hoc	prepost fcstprg pre	prepost fcstprg post	daily	N	fcstprg user/passwd domain	
fcstbrd	Forecasting	Y	Domain Id	3	N/A	prepost fcstbrd post	weekly	R	fcstbrd user/passwd	
fcstbrd_sbc	Forecasting	Y	Domain Id	3	prepost fcstbrd post	N/A	weekly	R	fcstbrd_sbc user/passwd	
ftfgdn1	Financial Interface	Y	Dept	3	salstage	prepost ftfgdn1 post	daily	R	ftfgdn1 user/passwd	
ftfgdn2	Financial Interface	Y	Dept	3	salapnd	salapnd	daily	R	ftfgdn2 user/passwd	
ftfgdn3	Financial Interface	Y	Store/Wh	3	salnth	N/A	monthly	R	ftfgdn3 user/passwd	
ftmednrd	Planning System Interface	N	N/A	ad hoc	N/A	N/A	ad hoc	R	ftmednrd 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	
hsbtbd	Sales	Y	Location	3	prepost hsbtbd pre (for rebuild all)	prepost hsbtbd post	weekly	R	hsbtbd user/passwd level/weekly/rebuild	
hsbtbd_diff	Sales	N	N/A	ad hoc	hsbtbd	N/A	ad hoc	N	hsbtbd_diff user/passwd	
hsbtbdmth	Sales	Y	Dept	3	posupld	prepost hsbtbdmth post	monthly	R	hsbtbdmth user/passwd level(monthly/rebuild)	
hsbtbdmth_diff	Sales	N	N/A	ad hoc	N/A	prepost hsbtbd post	ad hoc	N	hsbtbdmth_diff user/passwd	
hstmthupd	Sales	Y	Location	3	(The program should be run on the last day of the month).	(Run SQL*Loader using the control file hstmthupdctl to load data from the output file written by HSTMTHUPD.PC for non-existent records on ITEM_LOC_HIST_MTH)	monthly	R	hstmthupd user/passwd (out_file)	
hstrg	Sales	N	N/A	ad hoc	N/A	N/A	monthly	N	hstrg user/passwd	
hstrg_diff	Sales	N	N/A	ad hoc	N/A	N/A	weekly	N	hstrg_diff user/passwd	
hstwkupd	Sales	Y	Store/Wh	3	N/A	Run SQL*Loader using the control file hstwkupdctl 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)	
htsupld	Trade Management	Y	File-based	ad hoc	Hts240_to_2400 (perl script)	N/A	ad hoc	R	htsupld user/passwd input_file reject_file country_id ; perl hts_240_to_2400 infile outfile ; perl ushts2rms infile outfile rejectfile	
ibcalc	Investment Buy	Y	Dept	3	replex	prepost ibcalc pre	daily	R	ibcalc user/passwd	
ibexpl	Investment Buy	N	N/A	3	rplex	rpibid	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
lcardbid	Maintenance - Location	N	N/A	ad hoc	storeadd	N/A	monthly	R	lcardbid user/passwd
lcardpswd	Letter of Credit	N	N/A	4	N/A	lcm707 (perl script)	daily	R	lcardnid 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
lfskdup	Stock Ledger	N	File-based	1	inv_bal_upload.sh (warehouse mgmt program)	stkupld	daily	N	lfskdup 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	mrttrv	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
nwpyearend	Stock Count	Y	Location	4	run on last day of yea	N/A	yearly	R	nwpyearend user/passwd
ociroq	Replenishment	N	N/A	3	repladj	N/A	daily	R	ociroq user/passwd
onordext	Planning System Interface	Y	Transfer	4	onordext	onorddnd	weekly	R	onordext user/passwd datefil
onordext	Planning System Interface	Y	Store/Wb	4	onordext	onordext	daily	R	onorddnd user/passwd
ordautcl	Planning System Interface	N	Order	4	prepost onordext pri	onordext	daily	R	onordext user/passwd datefil
	Ordering	Y	N/A	ad hoc	N/A	N/A	daily	N	ordautcl user/passwd
orddscent	Deals	Y	Supplier	4	dtinrst	discothapply			
ordprg	Ordering	N	N/A	ad hoc	recdsdy	dealdcs	daily	R	orddscent user/passwd
ordrev	Ordering	N	N/A	4	N/A	invprg	monthly	N	ordprg user/passwd
					orddscent	eddiord	daily	R	ordrev user/passwd
ordupd	Ordering	N	N/A	4	batch)	otbdnid	daily	N	ordupd user/passwd
otbdord	OTB	N	N/A	4	ordupd	otbdial	daily	R	otbdord user/passwd output_file
otbdisal	OTB	N	N/A	4	ordupd	otbdord	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	ordupd	N/A	daily	R	otbdnid user/passwd output_file
otbupfd	OTB	Y	File-based	ad hoc	N/A	N/A	monthly	N	otbprg user/passwd
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	posdnd	prepost poscdnid post	daily	R	otbupld user/passwd input_file reject_file
posdnd	Point of Sale Interface	Y	Store	ad hoc	N/A	prepost posdnd post	daily	R	poscdnid user/passwd outputfil
posgpdld	Point of Sale Interface	N	N/A	4	recdsdy	N/A	daily	R	posdnd user/passwd output_filename
posupld	Sales	Y	File-based	2	saexprms(ReSA)	prepost posupld post	daily	R	posgpdld user/passwd output_fil
precostcalc	Deals	Y	Supplier	2	dtinrst	salstage	daily	R	posupld user/passwd infile vaffile itemfile lockfile
prepost	Pre/post functionality	N	N/A	all phases	prepost precostcalc pre	costcalc	daily	R	precostcalc user/passwd supplier (May use the batch_precostcalc.ksh for launching this program as it is created based on performance considerations)
recdsdy	Item Maintenance	Y	Reclass no	4	N/A	N/A	daily	N	prepost user/passwd program pre_or_pos
					cremhierdy	prepost recdsdy post	daily	R	recdsdy user/passwd process_mod
repladj	Replenishment	Y	Dept	3	rplatupd	repxt	daily	R	repladj user/passwd
					posupld				
					rplatupd				
					repladj				
					prepost ociroq pre				
repxt	Replenishment	Y	Partition (Item)	3	ociroq	prepost repxt post	daily	R	repxt user/passwd partition_position (May use the batch_repxt.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
					rplatupd	repladj			
					rpisplit				
rlapprv	Replenishment	N	N/A	3	supcnstr	N/A	daily	R	rlapprv user/passwd
					prepost rlapprv pre	prepost rplatupd post			
						repladj			
rplatupd	Replenishment	Y	Location	3	prepost rplatupd pre	repxt	daily	R	rplatupd user/passwd
					ibcalc				
					rplex				
					cntrprss				
rpibld	Replenishment	Y	Supplier	3	vpibld		daily	R	rpibld username/password
					prepost rpl pre	supcnstr			
					rplatupd	prepost rplex post			
					rlmaint	cntrprss(if contracting is used, otherwise run ...			
					repladj	ibcxpl			
					ibcalc				
rplex	Replenishment	Y	Dept	3	repxt	N/A	daily	R	rplex user/passwd dept (May use the batch_rplex.ksh for launching this program as it is created based on performance considerations)
rlprg	Replenishment	N	N/A	ad hoc	N/A	N/A	daily	N	rlprg user/passwd
rlprg_month	Replenishment	N	N/A	ad hoc	N/A	N/A	monthly	N	rlprg_month user/passwd
rpisplit	Replenishment	Y	Supplier	3	supcnstr	rlapprv	daily	R	rpisplit user/passwd
rpmovavg	Pricing	Y	Store	3	salstage	N/A	daily	R	rpmovavg user/passwd business_date(YYYYMMDD) store(optiona
rvprg	RTV	N	N/A	ad hoc	N/A	N/A	monthly	N	rvprg user/passwd
sacrypt	Sales Audit	Y	Store/Day	SA	sagetre	N/A	daily	N	sacrypt user/passwd infile outfile key_e/d (Encryption/Decryption indicato
saescheat	Sales Audit	N	N/A	SA	satotals	saexpim	monthly	R	Note: outfile generated by batch is infile for salmptlog
saexpach	Sales Audit	N	N/A	SA	satotals	sapurge	daily	R	saescheat user/passwd
saexpgl	Sales Audit	N	N/A	SA	satotals	sapreexp	daily	R	saexpach user/passwd
saexpim	Sales Audit	N	N/A	SA	satotals	sapreexp	daily	R	saexpgl user/passwd
saexpndw	Sales Audit	Y	Store	SA	saescheat	N/A	daily	R	saexpim user/passwd
					sapreexp	resa2rdw(perl script)	daily	R	saexpndw user/passwd ; perl resa2rdw inputfile outputfil
					satotals				
saexprms	Sales Audit	Y	Store	SA	satotals	sapreexp	daily	R	saexprms user/passwd
saexpuar	Sales Audit	N	N/A	SA	satotals	sapreexp	daily	R	saexpuar user/passwd
					satotals				
sagetre	Sales Audit	N	N/A	SA	sastdyr	saimptlog	daily	R	sagetre user/passwd itemfile wastefile ref_itemfile prim_varianfile varupfile storedayfile codesfile errorfile covall
saimpadj	Sales Audit	N	N/A	SA	saimptlogfn	satotals	daily	R	storeposfile tendertypefile merchcodesfile partnerfile supplierfile employeeefile bannerfile
									(To prevent a file from being written, place a '-' in its place. Note: Item files must all be written together).
									saimpadj user/passwd input_file rej_fil

saimptlog	Sales Audit	Y	Store/Day	SA	sagelref	saprepost saimptlog post (Use sql Loader to load data into ReSA tables)	daily	N	saimptlog user/pw infile badfile itemfile wastefile refitemfile primvariantfile varupcfile storedayfile promfile codesfile errorfile ccvaffile storposfile tendertypefile merchcodefile partnerfile supplierfile employeefile bannerfile
saimptlogfin	Sales Audit	N	N/A	SA	saimptlog savouch salstage rfilgdn1	satotals	daily	R	saimptlogfin userid/passwd store_day_file
salapnd	Stock Ledger	N	N/A	3	rfilgdn2	N/A	daily	R	salapnd userid/passwd
salidy	Stock Ledger	Y	Store/Wh	3	salstage	salweek	daily	R	salidy 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 salweek	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	salidy salapnd salweek deallct rpmmovavg rfilgdn1 rfilgdn2	daily	N	salprg userid/passwd
salstage	Stock Ledger	N	N/A	3	posupld salidy stkply salapnd prepost salweek pre deallct		daily	N	salstage userid/passwd
salweek	Stock Ledger	Y	Dept	3	dealinc	salmth	weekly	R	salweek userid/passwd
sapreexp	Sales Audit	N	N/A	SA	SA audit process	prepost salweek post (Before any SA export process	daily	R	sapreexp userid/passwd
saprepost	Sales Audit	N	N/A	SA	N/A saprepost sapurge pre (This program should be run as the last program in the ReSA batch schedule)	N/A	daily	N	saprepost userid/passwd program_pre_or_pos
sapurge	Sales Audit	Y	Store	SA	program in the ReSA batch schedule)	saprepost sapurge post	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)	sapreexp saescheat	daily	R	sarules userid/passwd store_no
sastdyrc	Sales Audit	N	N/A	date_set	SA	dtesys	daily	R	sastdyrc userid/passwd [YYYYMMDD]
satotals	Sales Audit	N	N/A	SA	saimptlogfin	satotals	daily	R	satotals userid/passwd store_no
savouch	Sales Audit	N	N/A	SA	saimptlog (and its SQL Load process	saimptlogfin	daily	R	savouch userid/passwd infile rejfile tendertype_fil
scoext	Costing	Y	Cost change	3	ctstidlex.ksh (RMS to RDW RETL extract)	prepost scoext post	daily	R	scoext userid/passwd
schedprg	Organizational Hierarchy	N	N/A	ad hoc	N/A	N/A	monthly	R	schedprg userid/passwd
stmain	Item Maintenance	N	N/A	ad hoc	icrtbld	N/A	ad hoc	R	stmain userid/passwd
soudnld	Forecasting	Y	Domain Id	4	N/A	N/A	daily	R	soudnld userid/passwd
stkdy	Stock Ledger	Y	Dept	3	stkvar	salweek	daily	R	stkdy userid/passwd
stkgprg	Stock Ledger	N	N/A	ad hoc	N/A	prepost stkgprg post	monthly	N	stkgprg userid/passwd
stkschedxpld	Stock Ledger	Y	Location	0	N/A	stksxpld	daily	R	stkschedxpld userid/passwd
stkupd	Stock Ledger	Y	Location	3	prepost stkupd pre				
stkupld	Stock Ledger	Y	Dept	1	stksxpld	prepost stkupd post	daily	R	stkupd userid/passwd
stkvar	Stock Ledger	Y	Dept	1	lflstkup	N/A	daily	R	stkupld userid/passwd input_file reject_fil stkvar userid/passwd [ report_file_name
stksxpld	Stock Ledger	Y	Dept	3	stkschedxpld	stkupd	daily	R	stksxpld userid/passwd
stlgnld	Stock Ledger	Y	Dept	4	N/A	stlgnld	weekly	R	stlgnld 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	rpblid	rpblid	daily	R	supcnstr userid/passwd
supmth	Stock Ledger	Y	Dept	3	N/A	prepost supmth post	monthly	R	supmth userid/passwd
tampsectn	Receiving	N	N/A	ad hoc	N/A	N/A	ad hoc	N	tampsectn userid/passwd
tkctdnld	Maintenance	N	N/A	ad hoc	N/A	N/A	daily	R	tkctdnld userid/passwd filename print_online_and days_in_advance [locator
tfiposdn	Sales Tax	N	N/A	4	trposdn	prepost tfiposdn post	daily	R	tfiposdn 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	tfiposdn	daily	R	trposdn userid/passwd
txrupld	Sales Tax	N	N/A	4	N/A	N/A	ad hoc	R	txrupld username/passwd 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	dealact 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 salmth (if monthly)	daily	R	vendinvf userid/passwd
vrplbld	Replenishment	Y	Supplier	2	edupack	prepost vrplbld post	daily	R	vrplbld 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	recldsty(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	LocationMoveBatch	PriceEventExecutionRMSBatch	daily	N	priceEventExecutionBatch.sh rpm-app-userid password
PriceEventExecutionRMSBatch	Price Change/Clearance/Promotion	Y	Pricing event	N/A	salstage (RMS)	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	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	WorksheetAutoApproveBatch	N/A	daily	N	merchExtractKickOffBatch.sh rpm-app-userid password
					PriceStrategyCalendarBatch				
					MerchExtractKickOffBatch				
RPMtoORPOSPublishBatch.sh	Price Change/Clearance/Promotion	N	N/A	N/A	WorksheetAutoApproveBatch	N/A	daily	N	ksh RPMtoORPOSPublishBatch.sh <userid/password@sid > <log path> <error path>
RPMtoORPOSPublishExport.sh	Price Change/Clearance/Promotion	Y	Location	N/A	RPMtoORPOSPublishBatch.sh	N/A	daily	N	ksh RPMtoORPOSPublishExport.sh <userid/password@sid > <Numberof slots> <logpath> <error path> <Export path>
RegularPriceChangePublishBatch	Regular Price Changes	Y	Price event (item/loc)	N/A	WorksheetAutoApproveBatch	RegularPriceChangePublishExport	daily/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
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/password
BatchPurgeBatch	Invoice Matching (ReIM)	N	N/A	0	N/A	ResolutionPosting	daily	R	BatchPurgeBatch userid/password
ComplexDealUploadBatch	Invoice Matching (ReIM)	Y	N/A	5	vendinvrc(RMS), vendinvrt(RMS)	AutoMatch	daily	R	ComplexDealUploadBatch userid/password BlockSize PartitionNo
DiscrepancyPurgeBatch	Invoice Matching (ReIM)	N	N/A	1	N/A	AutoMatch	daily	R	DiscrepancyPurgeBatch userid/password
DisputedCreditMemoRollupBatch	Invoice Matching (ReIM)	N	N/A	6	ReasonCodeActionRollup	ResolutionPosting	daily	R	DisputedCreditMemoRollupBatch userid/password
EdiUploadBatch	Invoice Matching (ReIM)	Y	N/A	5	edidlinv(RMS)	AutoMatch	daily	R	EdiUploadBatch userid/password "EDI input file with path" "EDI reject file with path"
EdiDownloadBatch	Invoice Matching (ReIM)	N	N/A	7	ResolutionPosting	AutoMatch	daily	R	EdiDownloadBatch userid/password
FixedDealUploadBatch	Invoice Matching (ReIM)	Y	N/A	5	vendinvrc(RMS), vendinvrt(RMS)	AutoMatch	daily	R	FixedDealUploadBatch userid/password BlockSize PartitionNo
ReasonCodeActionRollupBatch	Invoice Matching (ReIM)	N	N/A	6	AutoMatch	DisputedCreditMemoRollup	daily	R	ReasonCodeActionRollupBatch userid/password
ReceiptWriteoffBatch	Invoice Matching (ReIM)	N	N/A	6	AutoMatch	ReasonCodeActionRollup	daily	R	ReceiptWriteoffBatch userid/password
ReceiverAdjustment	Invoice Matching (ReIM)	N	N/A	1	EdiInvoiceUpload	ResolutionPosting	daily	R	ReceiverAdjustment userid/password
					ReasonCodeActionRollup				
FinancialPostingBatch	Invoice Matching (ReIM)	N	N/A	6	DisputedCreditMemoRollup	N/A	daily	R	FinancialPostingBatch 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	sakdly	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
					sltrmain				
rmse_rpas_item_master.ksh	Planning/Forecast System Interface	N	N/A	N/A	recldsty	Refer to RPAS Operations guide	daily	N	N/A
					recldsty				
rmse_rpas_merchhier.ksh	Planning/Forecast System Interface	N	N/A	N/A	dyprgr	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_orghier.ksh	Planning/Forecast System Interface	N	N/A	N/A	dyprgr	Refer to RPAS Operations guide	daily	N	N/A
					stkdyly				
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

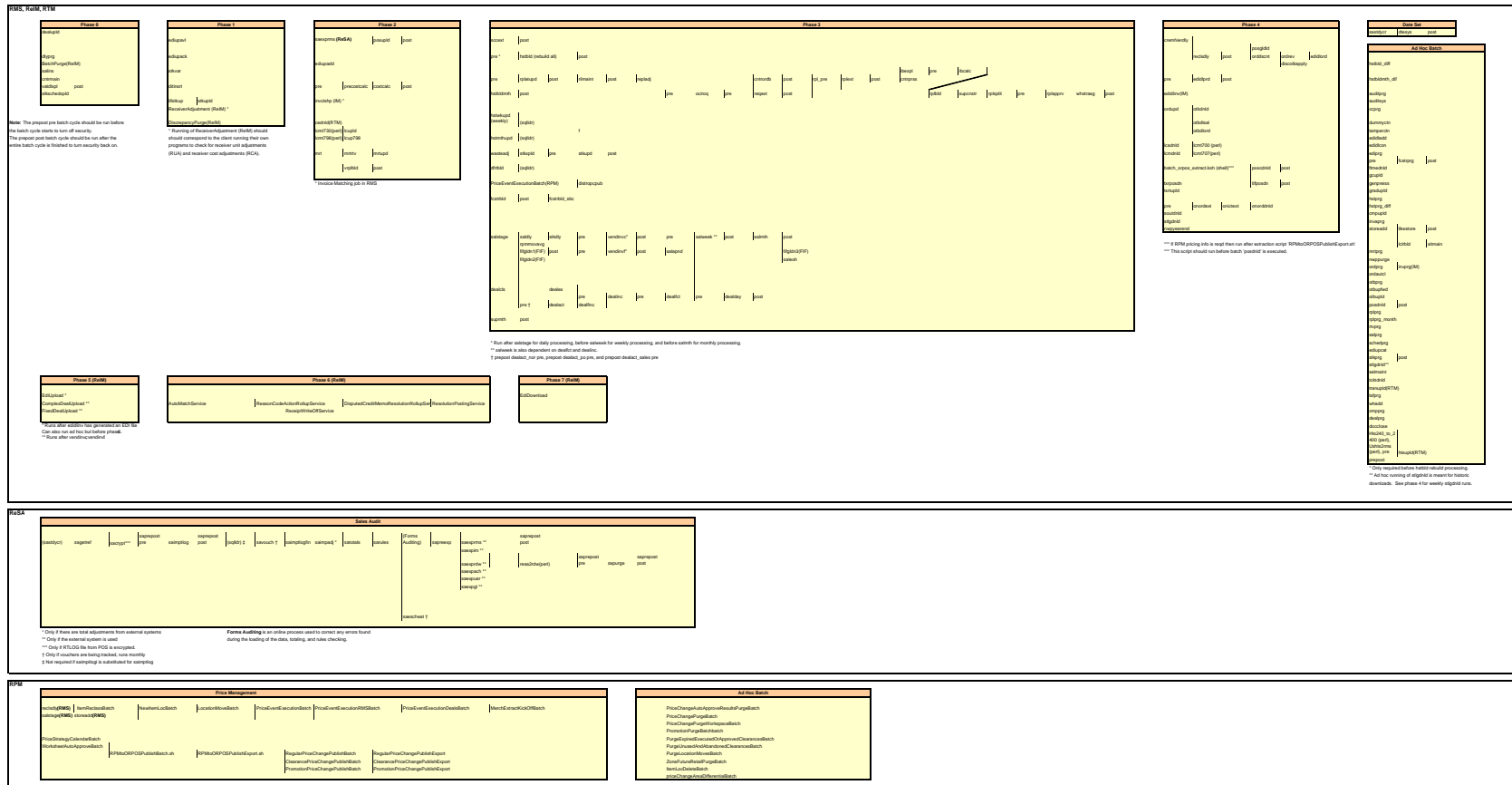
**RMS to RDW RETL Extracts Dependency and Scheduling  
Details (EXTRACTS FOR RDW)**

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
cmptrlmex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N		N/A
cmprlcoex.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
emplyex.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
orgrgnex.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
prdtlmlmex.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
prdtlmlmex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N		N/A
prdtlmsmex.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
prdualex.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
regngpex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N		N/A
regnompex.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

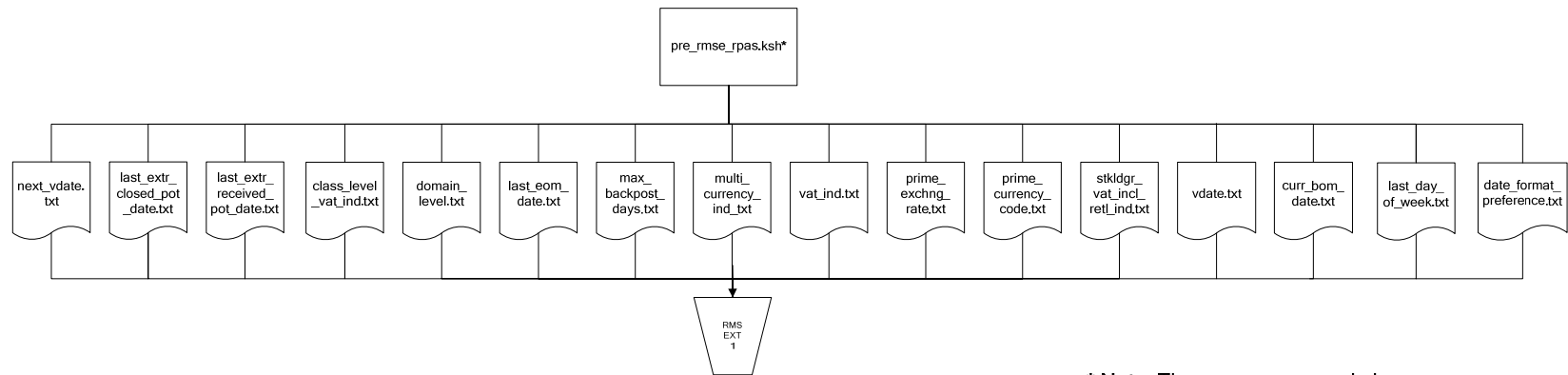
Because RMS is the retailer's central merchandising transactional processing system, it is the principle source of the foundation data needed in some of the Oracle Retail suite of products. RMS provides foundation data to RPAS, and RPAS provides planning data to RMS.

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

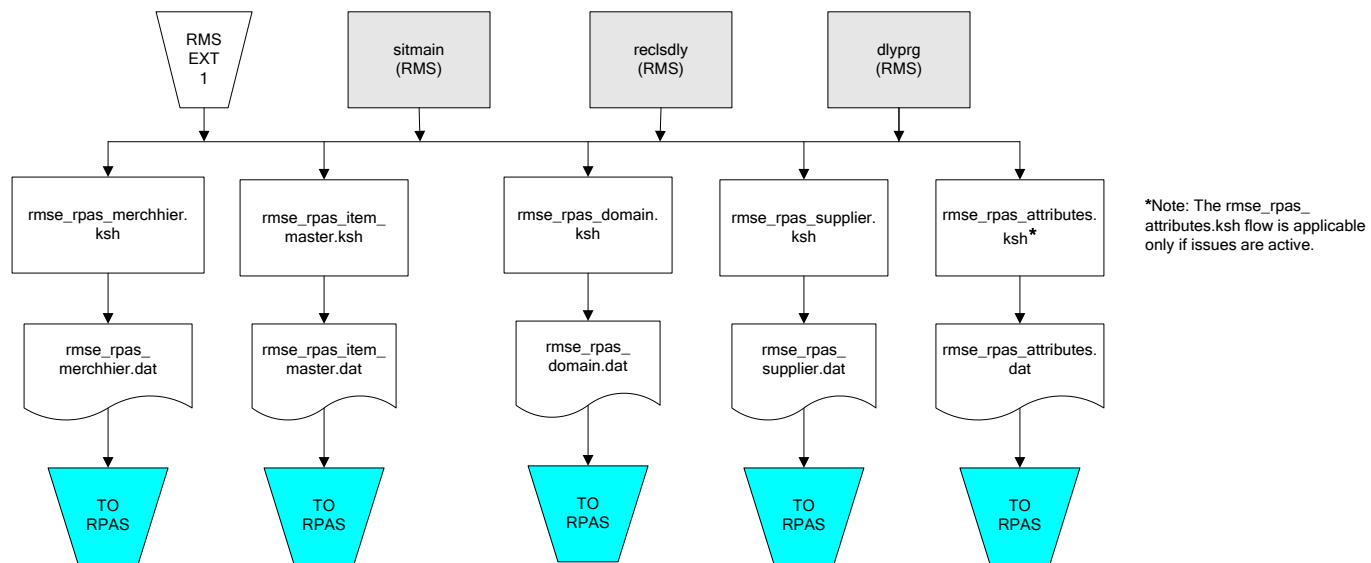
### RMS Pre RETL Extract Maintenance



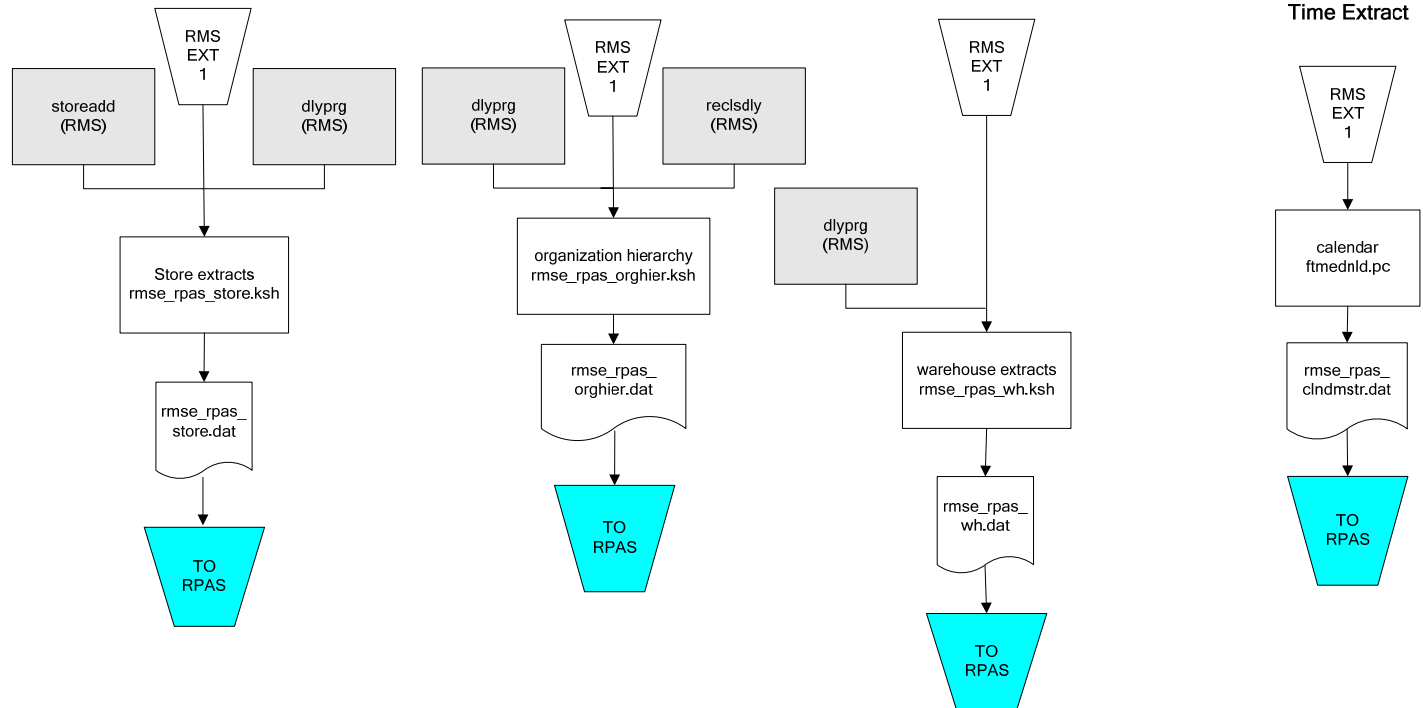
**\* Note:** The `pre_rmse_rpas.ksh` program checks for existing .txt output files. Because of this validation, retailers running the program for the first time should include an optional `-c` parameter. This parameter allows the program to run successfully without pre-existing .txt output files.

## RMS Foundation Data Extract Diagrams

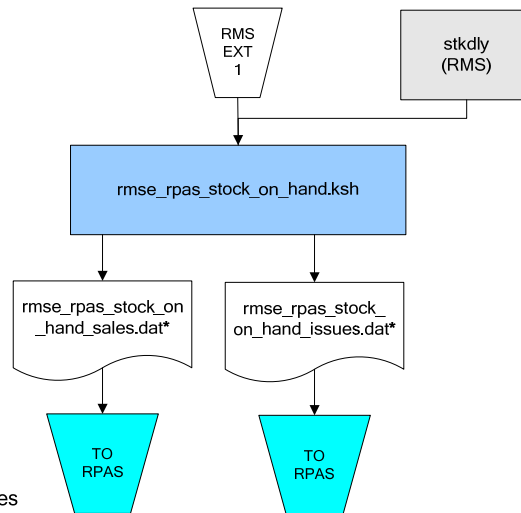
Merchandise Hierarchy for RPAS



## Organization Hierarchy for RPAS



## RMS Fact Data Extract Diagrams

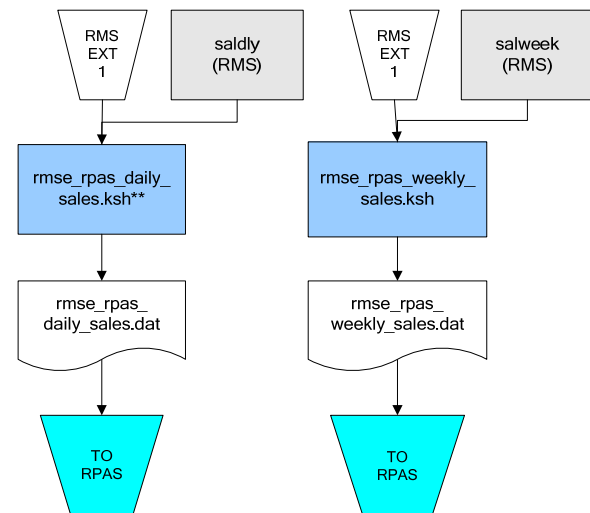


### \* Note:

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

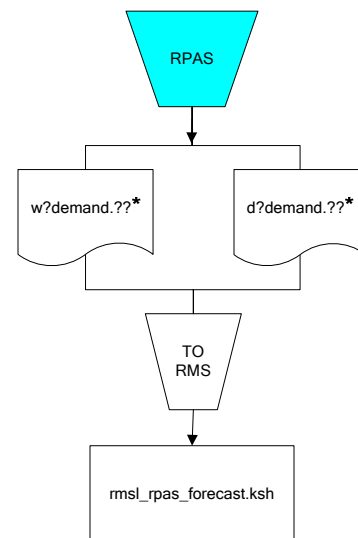
## Sales Extracts For RPAS



### \*\* 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

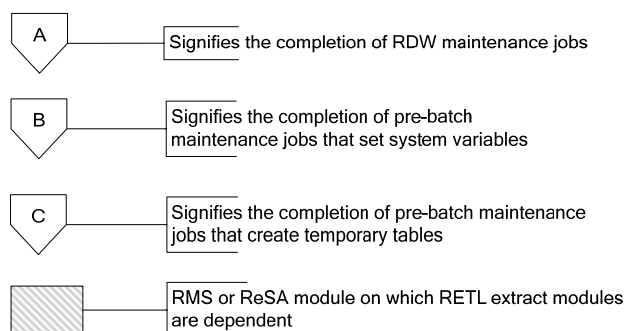
RMS works in conjunction with the Oracle Retail Extract Transform and Load (RETL) framework. RETL provides high-performance processing to extract data from Oracle Retail applications for use in data warehouses. The architecture allows database batch processes to take advantage of parallel processing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

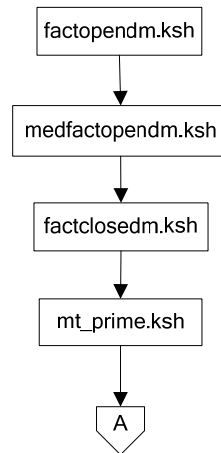
### Legend



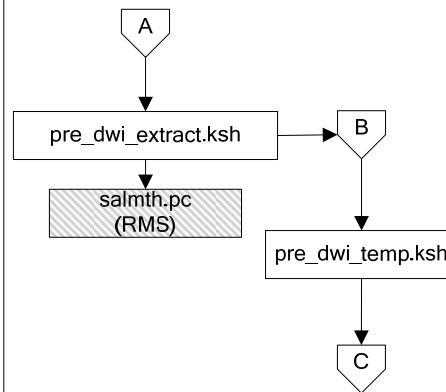
### RDW Maintenance

**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.



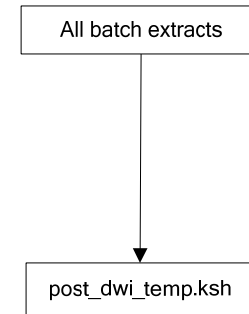
### Pre-Batch Maintenance



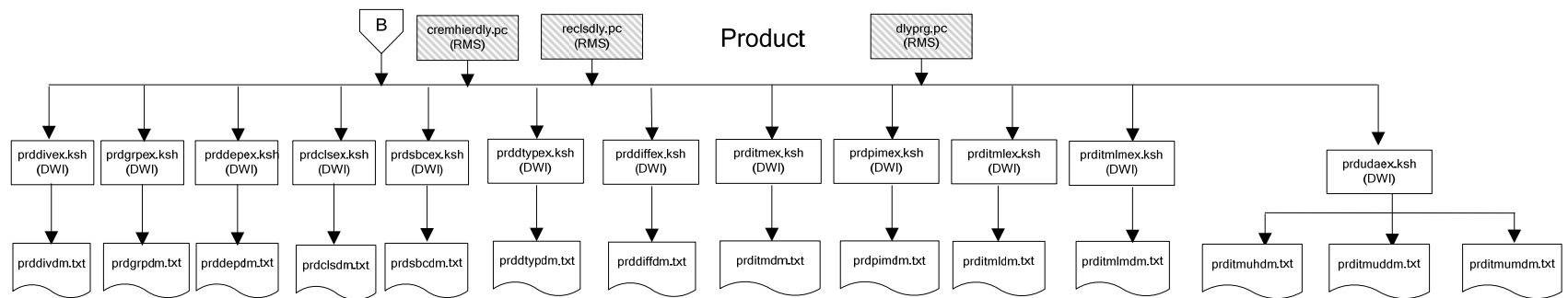
**Note:**

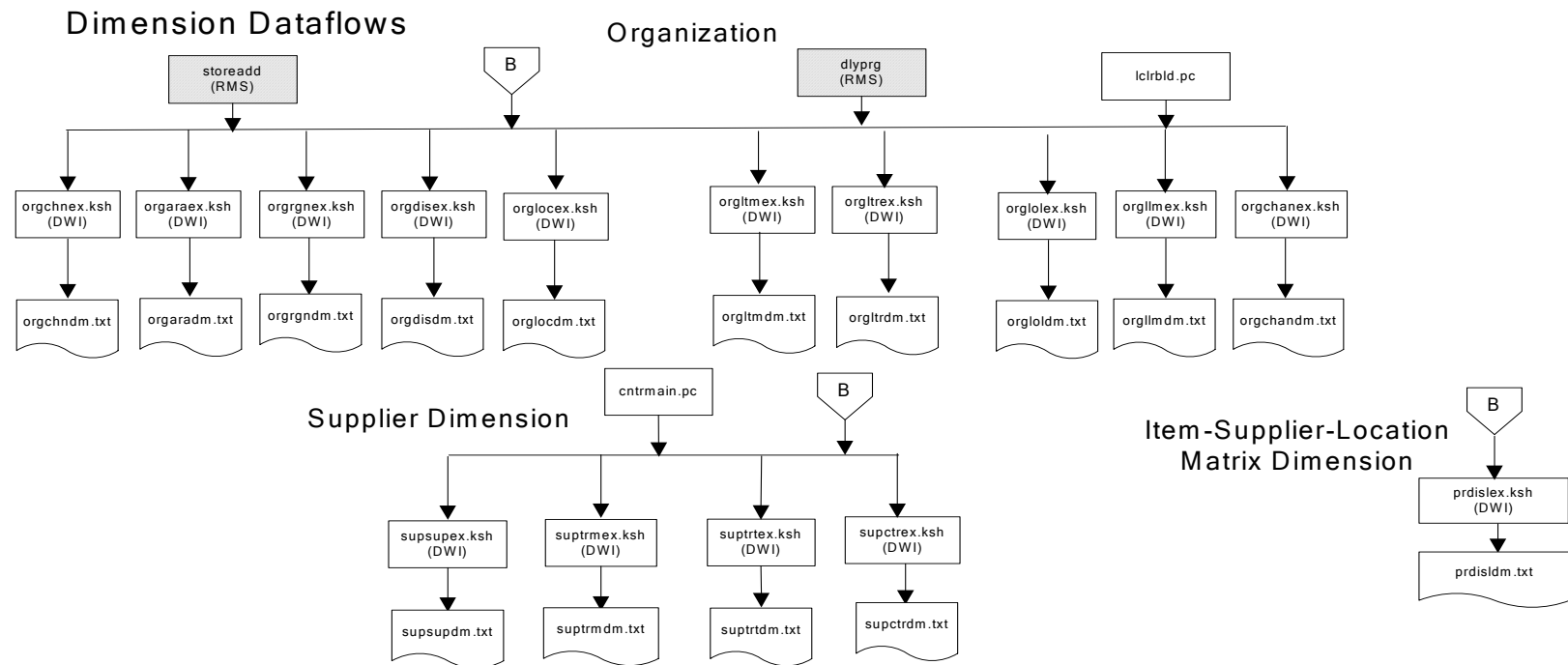
salmth.pc resets the last eom\_date. Thus, it must be run after the system indicator is extracted by pre\_dwi\_extract.ksh.

### Post-Batch Maintenance

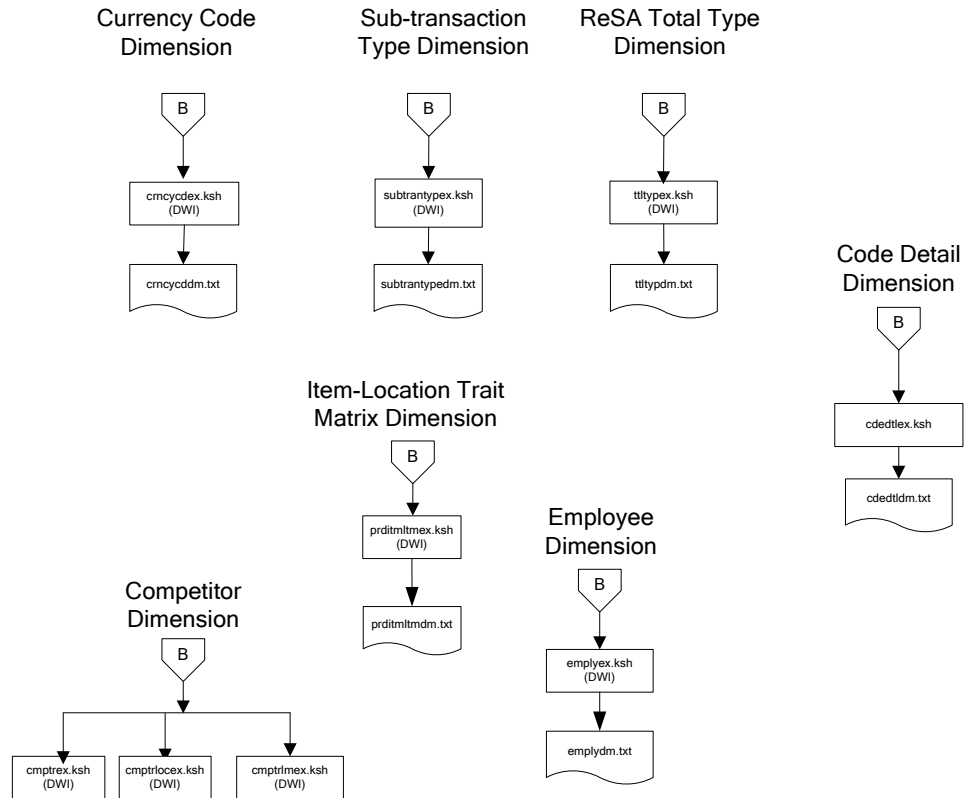


## Dimension Dataflows



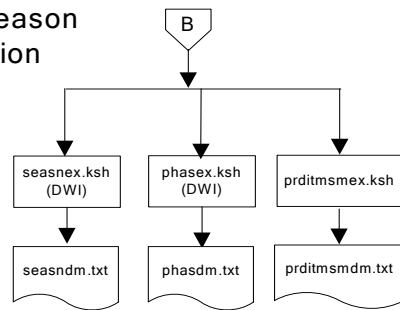


## Dimension Dataflows

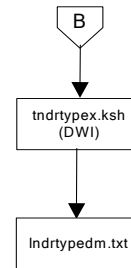


## Dimension Dataflows

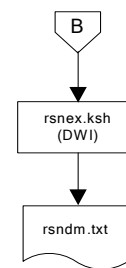
### Product Season Dimension



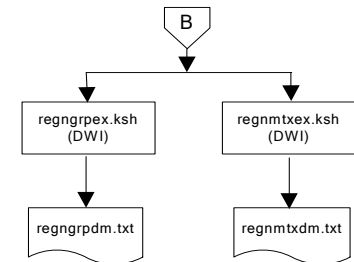
### Tender Type Dimension



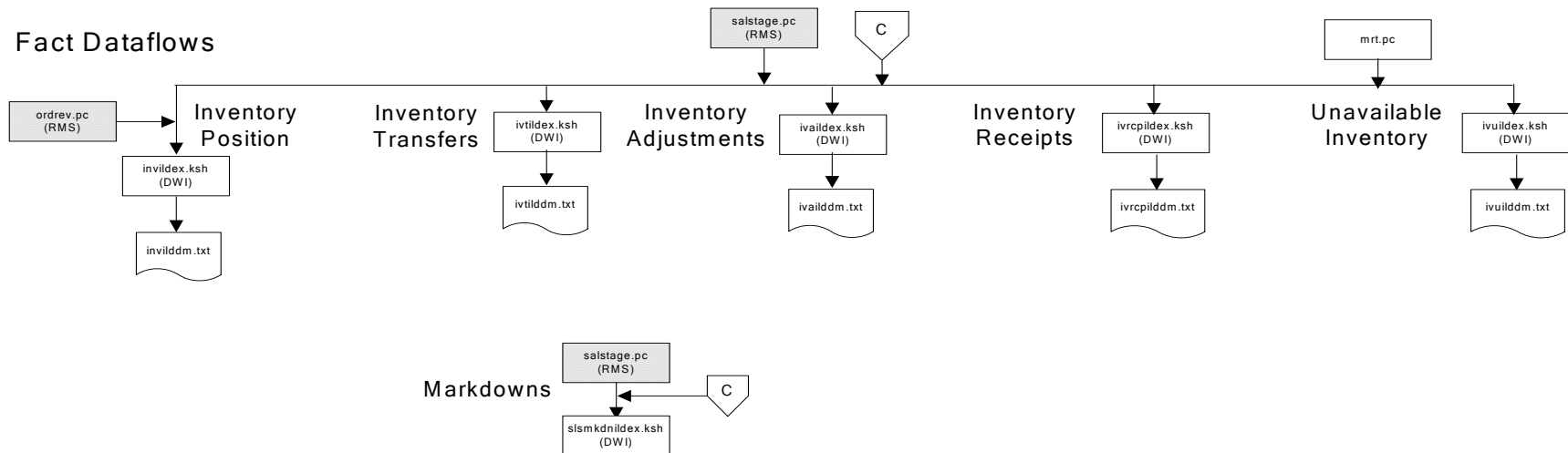
### Reason Dimension



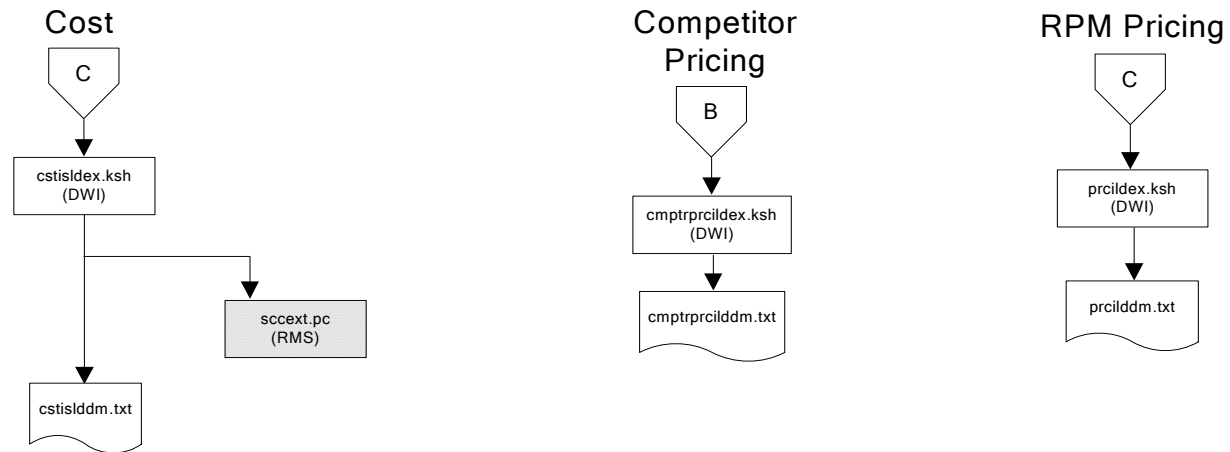
### Regionality Dimension



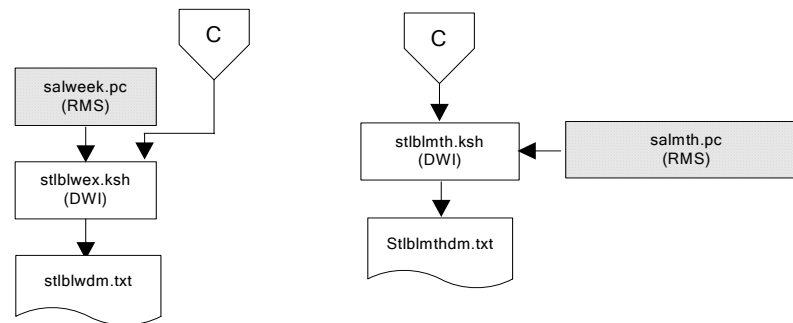
## Fact Dataflows



## Fact Dataflows



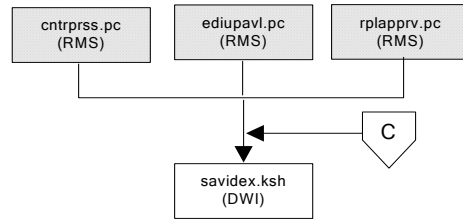
## Stock Ledger



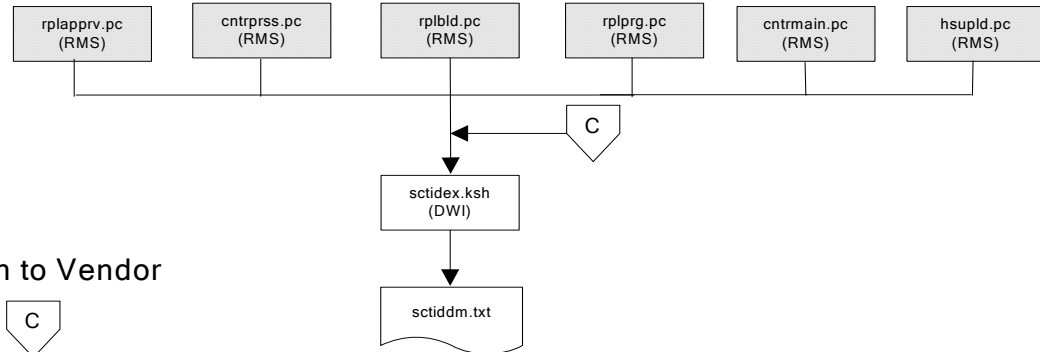
**Note:**  
Run stock ledger fact  
loads once weekly.

## Fact Dataflows

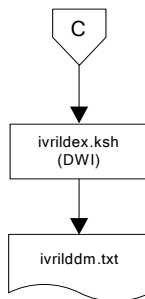
### Supplier Availability



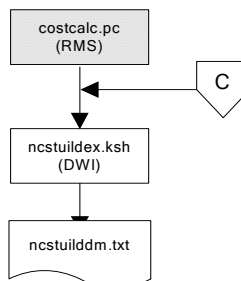
### Supplier Contract



### Return to Vendor



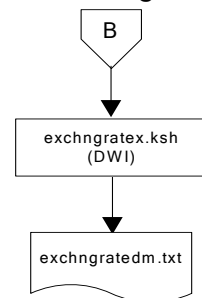
### Net Cost



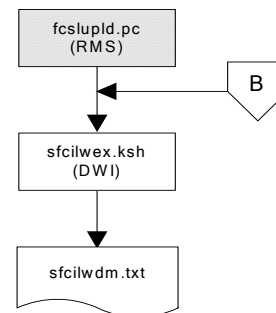


## Fact Dataflows

### Exchange Rates

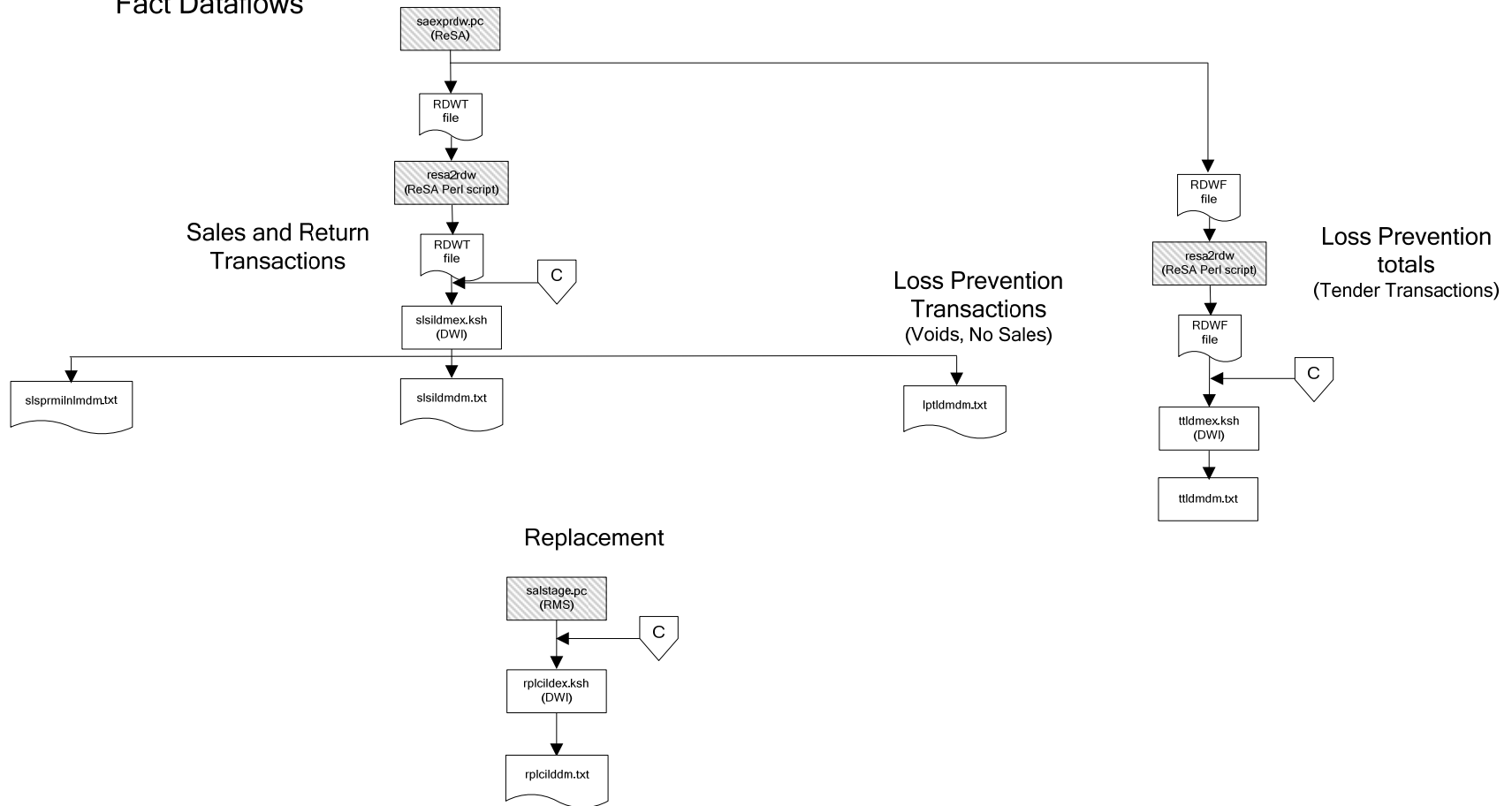


### Sales Forecasts

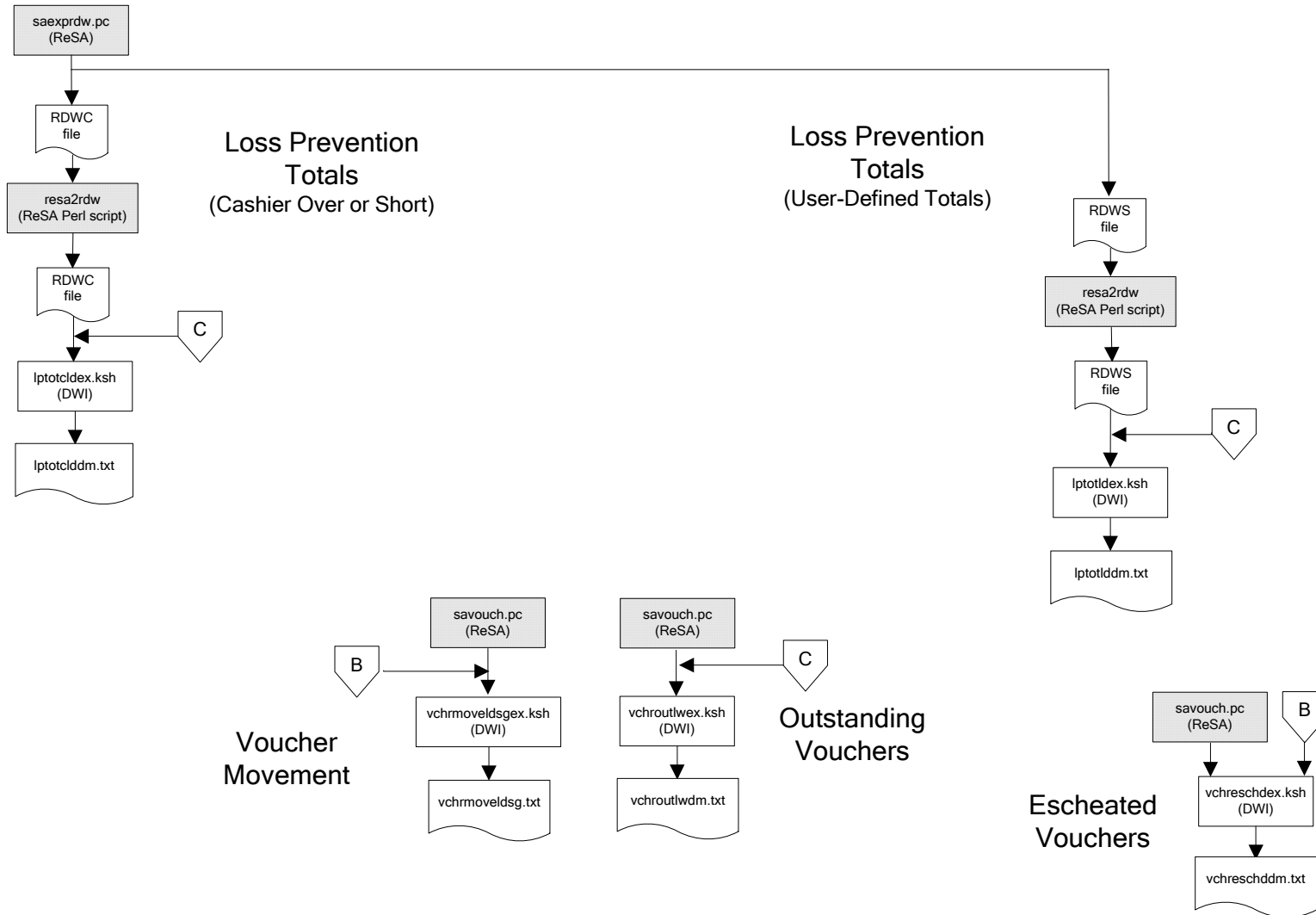


**Note:**  
Run sales forecast fact loads  
once weekly.

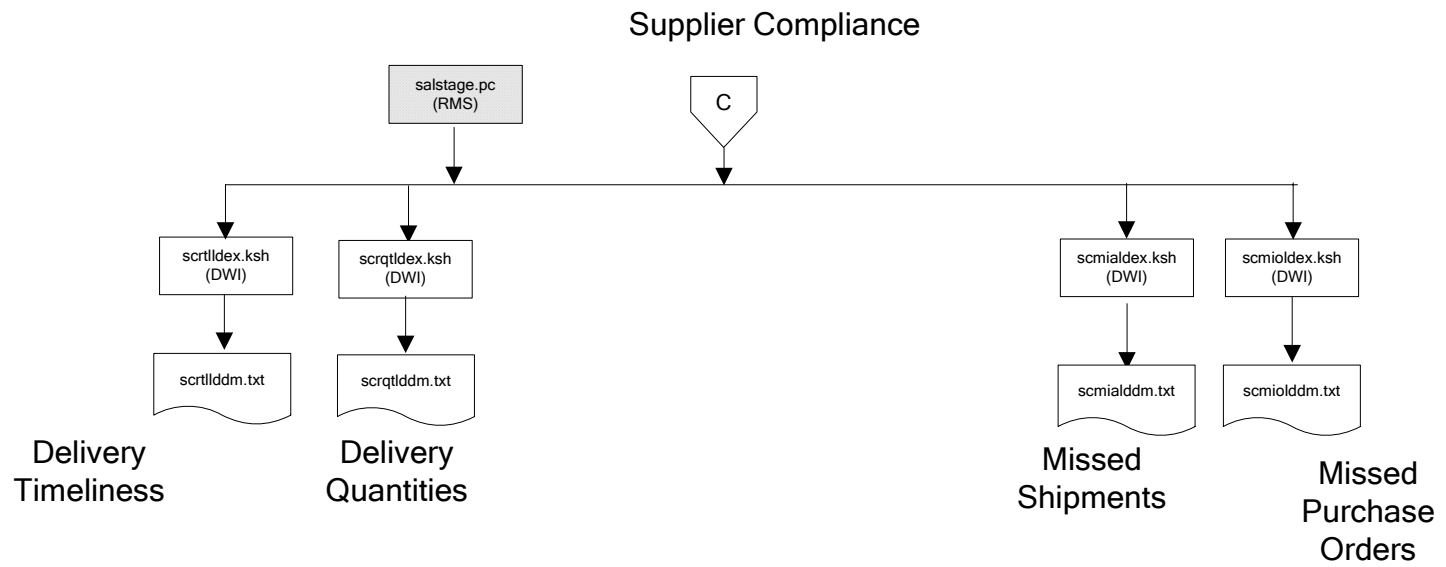
## Fact Dataflows



## Fact Dataflows



## Fact Dataflows



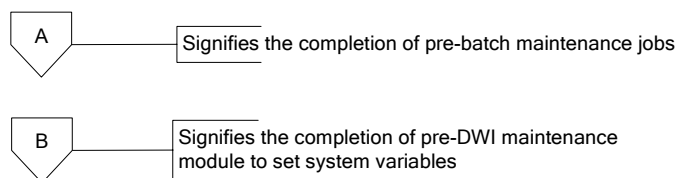
## Interface Diagram for RPM and RDW

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.

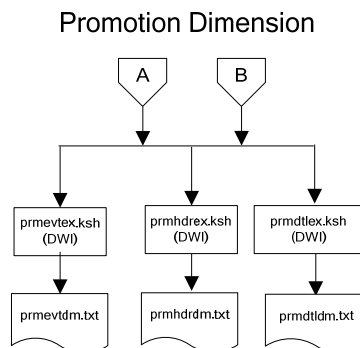
For detailed information about dimensions and facts, see the Retail Data Warehouse Operations Guide.

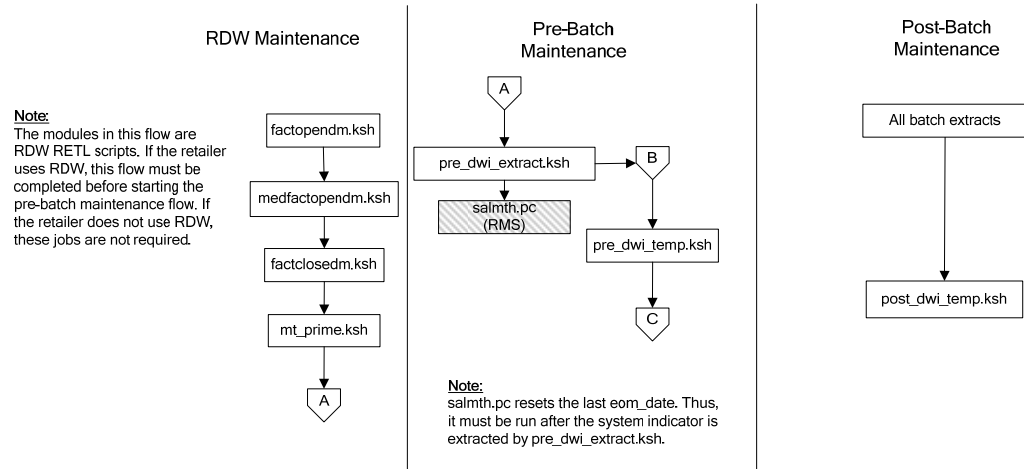
See the Retail Merchandising System Operations Guide Volume 1—Batch Overviews and Designs for more information about the modules shown in the following diagram.

### Legend



### Program Flow Diagram





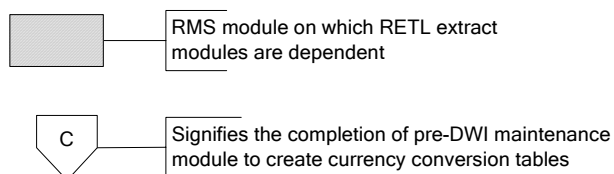
## Interface Diagram for ReIM and RDW

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

