

Oracle® Retail Merchandising

Batch Schedule

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Contents

Send Us Your Comments	vii
Preface	ix
Audience	ix
Related Documents.....	ix
Customer Support.....	x
Review Patch Documentation.....	x
Oracle Retail Documentation on the Oracle Technology Network.....	x
Conventions.....	x
1 Introduction to Merchandising Batch Processing	1
Batch Processing.....	1
Types of Batch Programs	1
Batch Window	2
Batch Schedule and Phases.....	2
Merchandising Batch Schedule	3
Program List	3
Batch Schedule Diagram	5
RMS, ReIM, RTM Section	5
ReSA Section.....	6
RPM Section.....	6
Notations in the Batch Schedule Diagram.....	7
prepost Program	8
Modifications to the Batch Schedule	9
2 Program List	11
3 Batch Schedule Diagram	17
4 Interface Diagrams for RMS and RPAS	19
RMS Pre/Post Extract Diagrams	20
RMS Foundation Data Extract Diagrams	21
RMS Fact Data Extract Diagrams.....	23
RPAS-RMS Fact Load Diagram	24
5 Interface Diagrams for RMS and RDW	25
6 Interface Diagram for RPM and RDW	37
7 Interface Diagram for ReIM and RDW	39

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- Did you find any errors in the information?
- Does the structure of the information help you with your tasks?
- Do you need different information or graphics? If so, where, and in what format?
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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

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.

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*

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

Review Patch Documentation

When you install the application for the first time, you install either a base release (for example, 12.1) or a later patch release (for example, 12.1.2). If you are installing the base release and additional patch and bundled hot fix releases, read the documentation for all releases that have occurred since the base release before you begin installation. Documentation for patch and bundled hot fix releases can contain critical information related to the base release, as well as information about code changes since the base release.

Oracle Retail Documentation on the Oracle Technology Network

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

http://www.oracle.com/technology/documentation/oracle_retail.html

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

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

Conventions

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

This is a code sample

It is used to display examples of code

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)

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.

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.

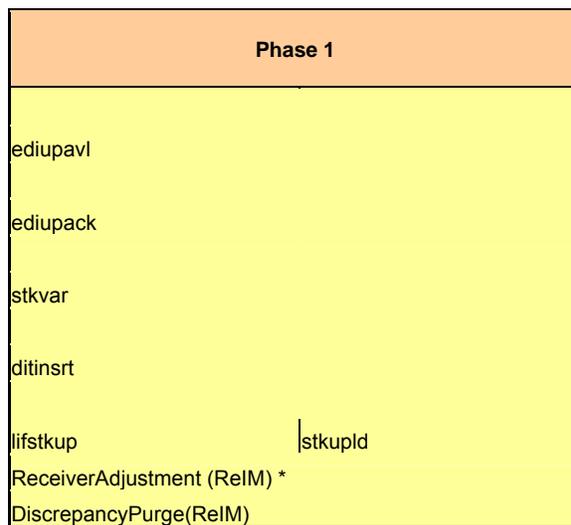
The following are brief descriptions of the Merchandising batch processing phases. Depending on your implementation, some programs and phases may not apply.

Phase	Description
Phase 0	The first phase performs essential table maintenance including: <ul style="list-style-type: none"> ▪ Daily purges ▪ Updates to currency exchange rates ▪ Updates to value-added tax (VAT) data
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. Note: The date set phase should be the very last phase to run. Even the ad hoc programs should be run before the date set program.

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

Sequence -----▶



ReSA Section

This section diagrams the ReSA programs and their dependencies.

RPM Section

This section diagrams the RPM programs and their dependencies.

Notations in the Batch Schedule Diagram

Pipes

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

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

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

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

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

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

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

Abbreviations

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

Abbreviation	Meaning
(perl)	The module is a Perl script.
(FIF)	The module is related to the Financials application.
(sqlldr)	There is a sqlloader process to load/ftp the output files.
(rebuild all)	There is a rebuild process inside the application.
(IM)	The module is related to Invoice Matching but owned by RMS.
(RMS)	The module belongs to RMS.
(RMS)	(Bold type) The RMS module is executed externally to that phase.
(ReSA)	The module belongs to ReSA.
(ReSA)	(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.

pre	ociroq
------------	---------------

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.

pre	stkupd	post
------------	---------------	-------------

In the following example, post-processing is required after successful completion of the sccext program.

sccext	post
---------------	-------------

Modifications to the Batch Schedule

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

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

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

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

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

RMS,RTM,ReSA Program Dependency and Scheduling Details

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
auditprg	Audit	N	N/A	N/A	N/A	N/A	daily	N	auditprg user/passwc
auditsys	Audit	N	N/A	ad hoc	N/A	N/A	daily	N	auditsys user/passwc
batch_allcostsupd.ksh	Cost Component Updates	Y	Allocation and Transfer	2	N/A	prepost batch_costcompupd pre elcexcpgr	daily	N	batch_allcostsupd.ksh [-p <# parallel threads>] <connect>
batch_costcompupd	Cost Component Updates	Y	N/A	2	N/A	N/A	daily	N	<# parallel threads> is the number of threads to run in parallel. The default is the value on RESTART_CONTROL_NUM_THREADS. prepost user/passwd batch_costcompupd pr
batch_depchrupd.ksh	Cost Component Updates	N	N/A	2	N/A	prepost batch_costcompupd pre elcexcpgr	daily	N	batch_depchrupd.ksh <connect>
batch_expprofuld.ksh	Cost Component Updates	N	N/A	2	N/A	prepost batch_costcompupd pre elcexcpgr	daily	N	batch_expprofuld.ksh <connect>
batch_ilmcostcompupd.ksh	Cost Component Updates	N	Location, Supplier	2	N/A	prepost batch_costcompupd pre elcexcpgr	daily	N	batch_ilmcostcompupd.ksh [-p <# parallel threads>] <connect> <# parallel threads> is the number of threads to run in parallel. The default is the value on RESTART_CONTROL_NUM_THREADS.
batch_ordcostcompupd.ksh	Cost Component Updates	Y	Order	2	prepost batch_ordcostcompupd pre	prepost batch_ordcostcompupd post prepost batch_costcompupd pre elcexcpgr	daily	N	ch_ordcostcompupd.ksh [-p <# parallel threads>] <connect> <# parallel threads> is the number of threads to run in parallel. The default is the value on RESTART_CONTROL_NUM_THREADS.
batch_orpos_extract.ksh	Point of Sale Interface	Y	Store	4	If RPM pricing info is reqd then run after RPMInfoRPOSPublishExport.sh'	prepost poscdnid post coupon extract is used)	daily	N	batch_orpos_extract.ksh [-p <no. of threads>] user/passwd [DIR - location where extracts are to be generated]
ccprg	Costing	N	N/A	ad hoc	N/A	prepost poscdnid post	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	Y	Contract	3	rpladj	prepost cntrordb post	daily	R	cntrordb user/passwd
cntrprss	Contracting	Y	Dept	3	rplxt	rplbid	daily	R	cntrprss user/passwd
costeventprg.pc	Real Time Costing - RMS Impacts	Y	Event Type	0	N/A	N/A	daily	R	costeventprg user/passwd
cremhierdy	Reclassification	N	N/A	4	N/A	reclsdy	daily	R	cremhierdy user/passwd
deallact	Deals	Y	Deal Id	3	prepost deallact_nor pre prepost deallact_po pre	N/A	daily	R	deallact user/passwd
dealcls	Deals	N	N/A	3	prepost dealcls_sales pre	prepost dealcls post	daily	R	dealcls user/passwd
dealdy	Deals	Y	Location	3	dealinc	prepost dealdy pos salmth	monthly	R	dealdy user/passwd
dealfct	Deals	Y	Deal Id	3	dealinc	salmth dealfct dealdy salmth	daily	R	dealfct user/passwd [Y/N - EOM processing ind]
dealfinc	Deals	Y	Deal Id	3	deallact dealact	dealfct	weekly/ad hoc	R	dealfinc user/passwd
dealinc	Deals	Y	Deal Id	3	prepost dealinc pre	salmth (if monthly)	monthly	R	dealinc user/passwd [Y/N -EOM processing ind]
dealprg	Deals	N	N/A	ad hoc	N/A	N/A	monthly	R	dealprg user/passwd
dealupld	Deals	Y	File-based	0	(This program is the first one in Deals batch (This program will likely be run after sales information is uploaded into Oracle Retail)	(All other deals programs)	daily	R	dealupld user/passwd input_file reject_fix
drtbld	Item Maintenance	Y	Dept	3	ordscnt	(SQL*Load the output file)	daily	R	drtbld user/passwd outfile
discotbably	OTB	Y	Dept	4	ordscnt	N/A	daily	R	discotbably user/passwd
distropcpub	Pricing/Transfers/Allocation Publish	Y	Store	3	PriceEventExecutionBatch(RPM)	N/A	daily	R	distropcpub user/passwd
ditinsrt	Deals	N	N/A	1	N/A	ordscnt	daily	R	ditinsrt user/passwd (P or S) (supplier/partner). Partner or Supplier. supplier/partner is selected by appropriate calling script and passed into program. Note: (May use the batch_ditinsr.ksh for launching this program as is created based on performance considerations)
dyprg	Maintenance	N	N/A	0	N/A	(All other batch programs)	daily	N	dyprg user/passwd
docclose	Receiving	N	N/A	ad hoc	N/A	N/A	daily	R	docclose user/passwd
dstdnid	Replenishment	N	N/A	ad hoc	N/A	N/A	ad hoc	N	dstdnid user/passwd file_name
dtesys	Calendar	N	N/A	date_set	(This program should run at the end of the batch cycle)	prepost dtesys post	daily	N	dtesys user/passwd [mdate-YYYYYMDD format]
dummycm	Receiving	N	N/A	ad hoc	N/A	N/A	daily	N	dummycm user/passwd
edidadd	Maintenance	N	N/A	ad hoc	N/A	N/A	ad hoc	N	edidadd user/passwd ediadd_output edidadd_catalo
edidcon	Contracting	N	N/A	ad hoc	N/A	N/A	ad hoc	N	edidcon user/passwd edidcon_outfil
edidinv	Invoice Matching	Y	Location	4	N/A	N/A	daily	R	edidinv user/passwd output_filename
edidord	Ordering	N	N/A	4	ordrev (and after replenishment)	N/A	ad hoc	R	edidord user/passwd filename
edidprd	EDI Interface - Sales and Inventory	N	N/A	4	prepost edidprd pre	prepost edidprd pos	daily	R	edidprd user/passwd filename
ediprg	EDI Interface - Purge	N	N/A	ad hoc	(Towards the end of the batch cycle)	N/A	monthly	R	ediprg user/passwd
ediupadd	Maintenance	N	File-based	2	N/A	N/A	daily	N	ediupadd user/passwd input_file reject_fix
ediupack	EDI Interface - ordering	N	N/A	1	N/A	N/A	ad hoc	R	ediupack user/passwd data_file reject_fix
ediupavl	EDI Interface - Contracts	N	File-based	1	N/A	N/A	daily	R	ediupavl user/passwd input_file reject_fix
ediupcat	EDI Interface - Suppliers	N	File-based	ad hoc	N/A	N/A	daily	R	ediupcat user/passwd edi_data_file error_fil
elcexcpgr	Cost Component Updates	N	N/A	2	N/A	N/A	daily	N	elcexcpgr user/passwd
foexec	Real Time Costing	Y	Cost Event Process Id	2	prepost foexec pre	prepost foexec pos	daily/ad hoc	N	foexec user/passwd
fcstrprg	Forecasting	Y	Domain Id	ad hoc	prepost fcstrprg pre	prepost fcstrbid post	daily	N	fcstrprg user/passwd domain
fcstrbid	Forecasting	Y	Domain Id	3	N/A	N/A	weekly	R	fcstrbid user/passwd
fcstrbid_sbc	Forecasting	Y	Domain Id	3	prepost fcstrbid post	N/A	weekly	R	fcstrbid_sbc user/passwd
fflgdn1	Financial Interface	Y	Dept	3	prepost fflgdn1 post	prepost fflgdn1 post	daily	R	fflgdn1 user/passwd
fflgdn2	Financial Interface	Y	Dept	3	salstage	salstage	daily	R	fflgdn2 user/passwd
fflgdn3	Financial Interface	Y	Store/Wh	3	salmth	N/A	monthly	R	fflgdn3 user/passwd
ftmednid	Planning System Interface	N	N/A	ad hoc	N/A	N/A	ad hoc	R	ftmednid user/passwd
gcupld	Misc Interface - Taxgeocode	N	N/A	ad hoc	N/A	N/A	ad hoc	R	gcupld <username>/password@environment> <infile> <outfile>
gerprnss	Ordering	Y	Supplier	ad hoc	N/A	N/A	ad hoc	R	gerprnss user/passwd
gradupld	Forecasting	N	File-based	ad hoc	N/A	N/A	ad hoc	R	gradupld user/passwd input_file rej_fix
hstbid	Sales	Y	Location	3	prepost hstbid pre (for rebuild all)	prepost hstbid post	weekly	R	hstbid user/passwd level(weekly/rebuild)
hstbid_diff	Sales	N	N/A	ad hoc	hstbid	N/A	ad hoc	N	hstbid_diff user/passwd
hstbidmth	Sales	Y	Dept	3	posupld	prepost hstbidmth post	monthly	R	hstbidmth user/passwd level(monthly/rebuild)
hstbidmth_diff	Sales	N	N/A	ad hoc	posupld	prepost hstbid post	ad hoc	N	hstbidmth_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 hstmthupd.ctl 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)	
hstrpg	Sales	N	N/A	ad hoc	N/A	N/A	monthly	N	hstrpg user/passwd	
hstrpg_diff	Sales	N	N/A	ad hoc	N/A	N/A	weekly	N	hstrpg_diff user/passwd	
hstwkupd	Sales	Y	Store/Wh	3	N/A Hts240_to_2400 (perl script)	Run SQL*Loader using the control file hstwkupd.ctl to load data from the output file written by HSTWKUPD.PC for non-existent records on ITEM_LOC_HIST	weekly	R	hstwkupd user/passwd (out_file)	
hstupid	Trade Management	Y	File-based	ad hoc	Ushs2rms (perl script) ibexpl	prepost hstupid pre	N/A	ad hoc	R	hstupid user/passwd input_file reject_file country_id ; perl hts_240_to_2400 inputfile outputfile ; perl ushs2rms inputfile outputfile rejectfile
ibcalc	Investment Buy	Y	Dept	3	prepost ibcalc pre	rpibid	daily	R	ibcalc user/passwd	
ibexpl	Investment Buy	N	N/A	ad hoc	rpnext	ibcalc	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	
lcardnd	Letter of Credit	N	N/A	4	N/A	lcm700 (perl script)	daily	R	lcardnd user/passwd output_file	
lclrbid	Maintenance - Location	N	N/A	ad hoc	storeadd	N/A	monthly	R	lclrbid user/passwd	
lcmndnd	Letter of Credit	N	N/A	4	N/A	lcm707 (perl script)	daily	R	lcmndnd 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	
lftskup	Stock Ledger	N	File-based	1	inv_bal_upload.sh (warehouse mgmt program)	stakupd	daily	N	lftskup user/passwd input_file output_file	
likestore	Maintenance - Location	Y	Dept	ad hoc	storeadd	prepost likestore pos	daily	R	likestore user/passwd	
mrt	Mass Return Transfers	Y	Warehouse	2	N/A	mrtupd	daily	R	mrt user/passwd	
mrtprg	Mass Return Transfers	Y	Warehouse	ad hoc	N/A	mrtupd	ad hoc	R	mrtprg user/passwd	
mtrtv	Mass Return Transfers	Y	Warehouse	2	mrt	N/A	daily	R	mtrtv user/passwd	
mrtupd	Mass Return Transfers	Y	Warehouse	2	mtrtv	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 ocroq user/passwd last_run_of_the_day (Y/N)	
ocroq	Replenishment	N	N/A	3/Ad hoc	prepost ocroq pre	repladj	daily/adhoc	R	Y- for nightly batch run.	
onictext	Planning System Interface	Y	Transfer	4	onordext	onordndnd	daily	R	N- for multiple (ad hoc run)	
onordndnd	Planning System Interface	Y	Store/Wh	4	onictext	N/A	daily	R	onictext user/passwd datefil	
onordext	Planning System Interface	Y	Order	4	prepost onordext pr	onordnd user/passwd	daily	R	onordnd user/passwd datefil	
ordautcl	Ordering	N	N/A	ad hoc	N/A	N/A	daily	N	ordautcl user/passwd	
orddscent	Deals	Y	Supplier	4	discotbapply	dealcis	daily	R	orddscent user/passwd	
ordprg	Ordering	N	N/A	ad hoc	reclsdly	invprg	monthly	N	ordprg user/passwd	
ordrev	Ordering	N	N/A	4	orddscent	edidord	daily	R	ordrev user/passwd	
ordupd	Ordering	N	N/A	4	batch	otbdlord	daily	N	ordupd user/passwd	
otbdlord	Ordering	N	N/A	4	ordupd	N/A	daily	R	otbdlord user/passwd output_file	
otbdlsal	Ordering	N	N/A	4	ordupd	N/A	daily	R	otbdlsal user/passwd output_file	
otbdnd	Ordering	N	N/A	4	ordupd	N/A	daily	R	otbdnd user/passwd output_file	
otbprg	Ordering	N	N/A	ad hoc	N/A	N/A	monthly	N	otbprg user/passwd	
otbupfwd	Ordering	Y	File-based	ad hoc	N/A	N/A	daily	R	otbupfwd user/passwd input_file reject_file	
otbupld	Ordering	Y	File-based	ad hoc	N/A	N/A	daily	R	otbupld user/passwd input_file reject_file	
poscdnd	Point of Sale Interface	N	N/A	4	posndnd	prepost poscdnd post	daily	R	poscdnd user/passwd outputfil	
posdnd	Point of Sale Interface	Y	Store	ad hoc	N/A	prepost posdnd post	daily	R	posdnd user/passwd output_filename	
posgpdld	Point of Sale Interface	N	N/A	4	reclsdly	N/A	daily	R	posgpdld user/passwd output_file	
posupld	Sales	Y	File-based	2	sasxprms(ReSA)	prepost posupld post	daily	R	posupld user/passwd infile rejfile vattile itemfile lockfile	
prepost	Pre/post functionality	N	N/A	all phases	N/A	salstage	daily	N	prepost user/passwd program pre_or_post	
reclsdly	Item Maintenance	Y	Reclass no	4	cremhierdly	prepost reclsdly pre	daily	R	reclsdly user/passwd process_mode	
repladj	Replenishment	Y	Dept	3	rplatusd	prepost reclsdly post	daily	R	repladj user/passwd	
replsizeprofile	Replenishment	N	N/A	ad hoc	prepost replsizeprofile pre	replxt	ad hoc	N	replsizeprofile user/passwd Y/N, (Y/N indicator indicates if allocations is installed or not, if installed pre job for this program has to be run prepost replsizeprofile pre)	
reqext	Replenishment	Y	Partition (Item)	3/Ad hoc	prepost replsizeprofile pre	prepost reqext post	daily/ad hoc	R	reqext user/passwd partition_position last_run_of_the_day_ind(Y/N) (May use the batch_reqext.ksh for launching this program as it is created based on performance considerations)	
rimaint	Replenishment	Y	Location	3	posupld	prepost rimaint post	daily	R	Y- for nightly batch run. N- for multiple (ad hoc run)	
rlapprv	Replenishment	N	N/A	3	rplatusd	prepost rimaint post	daily	R	rimaint username/password	
rplathistprg	Replenishment	N	N/A	ad hoc	repladj	prepost rlapprv pre	daily/adhoc	R	rlapprv user/passwd	
rplatusd	Replenishment	Y	Location	3	N/A	prepost rlapprv pre	ad hoc	N	rplathistprg user/passwd (This batch may be run only if repl_attr_retention_weeks in system_options table is set)	
rpibid	Replenishment	Y	Supplier	3/Ad hoc	replsizeprofile (if size profiles are used to setup replenishment)	prepost rplatusd post	daily	R	rpibid username/password	
supcnstr	Replenishment	Y	Supplier	3/Ad hoc	prepost rplatusd pre	replxt	daily	R	supcnstr user/passwd	
vrbid	Replenishment	Y	Supplier	3/Ad hoc	ibcalc	replxt	daily	R	vrbid user/passwd	

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	trposdn	daily	R	trposdn userid/passwd
staxupd	Sales Tax	N	N/A	4	N/A	N/A	ad hoc	R	truptd username/password input_file reject_fil
vatdtkpl	Maintenance - VAT	Y	Vat Region	0	N/A	prepost vatdtkpl post	daily	R	vatdtkpl userid/passwd
vendinvc	Deals	Y	Deal Id	3	dealact	prepost vendinvc post	daily	R	vendinvc userid/passwd
					salstage(if daily)	salweek(if weekly)			
					prepost vendinvc pre	salmonth (if monthly)			
vendinvf	Deals	Y	Deal Id	3	dealact	prepost vendinvf post	daily	R	vendinvf userid/passwd
					salstage(if daily)	salmonth (if monthly)			
					prepost vendinvf pre	salweek(if weekly)			
vrpbld	Replenishment	Y	Supplier	2	edupack	prepost vrpbld post	daily	R	vrpbld userid/passwd
wasteadj	Stock Ledger	Y	Store	3	N/A	stokupd	daily	R	wasteadj userid/passwd
whadd	Maintenance - Location	N	N/A	ad hoc	N/A	N/A	daily	R	whadd userid/passwd
whstrag	Maintenance - Location	N	N/A	3	(Must be run after all replenishment batch programs).	prepost whstrag post	daily	R	whstrag userid/passwd

RPM Dependency and Scheduling Details

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
ItemReclassBatch	Future Retail	N	N/A	N/A	recldy(RMS)	NewItemLocBatch	daily/ad hoc	N	itemReclassBatch.sh rpm-app-userid password
NewItemLocBatch	Future Retail	N	N/A	N/A	storeadd(RMS), ItemReclassBatch	LocationMoveScheduleBatch	daily/ad hoc	N	NewItemLocBatch.sh rpm-app-userid password [status [error-commit-count]
LocationMoveScheduleBatch	Zone Structure/Future Retail	Y	N/A	N/A	NewItemLocBatch	LocationMoveBatch	daily	N	locationMoveScheduleBatch userid password
LocationMoveBatch	Zone Structure/Future Retail	Y	Location move	N/A	LocationMoveScheduleBatch	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	PriceEventExecutionBatch	PriceEventExecutionDealsBatch	daily	N	priceEventExecutionRMSBatch.sh rpm-app-userid password
PriceEventExecutionDealsBatch	Price Change/Clearance/Promotion	Y	Pricing event	N/A	PriceEventExecutionRMSBatch	MerchExtractKickOffBatch	daily	N	priceEventExecutionDealsBatch.sh rpm-app-userid password
PriceStrategyCalendarBatch	Price Strategy	N	N/A	N/A	N/A	MerchExtractKickOffBatch	daily	N	priceStrategyCalendarBatch.sh rpm-app-userid password
WorksheetAutoApproveBatch	Pricing Worksheet	Y	Price strategy	N/A	N/A	MerchExtractKickOffBatch	daily	N	worksheetAutoApproveBatch.sh rpm-app-userid password
MerchExtractKickOffBatch	Pricing Worksheet	Y	Price strategy	N/A	PriceEventExecutionBatch	N/A	daily	N	merchExtractKickOffBatch.sh rpm-app-userid password
RPMTORPOSPublishBatch.sh	Price Change/Clearance/Promotion	N	N/A	N/A	WorksheetAutoApproveBatch	N/A	daily	N	ksh RPMTORPOSPublishBatch.sh <userid/passwd@sid > <log path> <error path>
RPMTORPOSPublishExport.sh	Price Change/Clearance/Promotion	Y	Location	N/A	RPMTORPOSPublishBatch.sh	N/A	daily	N	ksh RPMTORPOSPublishExport.sh <userid/passwd@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	RegularPriceChangePublishExport	daily/ad hoc	N	regularPriceChangePublishExport.sh rpm-app-userid/pwd@database [export-path]
ClearancePriceChangePublishBatch	Clearances	Y	Price event (item/loc)	N/A	WorksheetAutoApproveBatch	ClearancePriceChangePublishExport	daily/ad hoc	N	clearancePriceChangePublishBatch.sh rpm-app-userid password
ClearancePriceChangePublishExport	Clearances	N	Price event (item/loc)	N/A	ClearancePriceChangePublishBatch	ClearancePriceChangePublishExport	daily/ad hoc	N	clearancePriceChangePublishExport.sh rpm-app-userid/pwd@database [export-path]
PromotionPriceChangePublishBatch	Promotions	Y	Price event (item/loc)	N/A	WorksheetAutoApproveBatch	PromotionPriceChangePublishExport	daily/ad hoc	N	promotionPriceChangePublishBatch.sh rpm-app-userid password
PromotionPriceChangePublishExport	Promotions	N	Price event (item/loc)	N/A	PromotionPriceChangePublishBatch	PromotionPriceChangePublishExport	daily/ad hoc	N	promotionPriceChangePublishExport.sh rpm-app-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
refreshPosDataBatch.sh	Purge	Y	N/A	N/A	N/A	N/A	ad hoc	N	refreshPosDataBatch <username> <password> <location> <date (YYYYMMdd
injectorPriceEventBatch	Price Change/Clearance/Promotion	Y	N/A	N/A	N/A	N/A	ad hoc	N	injectorPriceEventBatch user_name password status=status_value event_type=event_valu polling_interval=polling_interval_value
purgePayloadsBatch	Purge	N	N/A	N/A	RPMTORPOSPublishExport	N/A	ad hoc	N	purgePayloadBatch.sh <userid/pwd@database> <publish-status>
purgeBulkConflictCheckArtifacts	Purge	N	N/A	N/A	RegularPriceChangePublishExport	N/A	ad hoc	N	purgeBulkConflictCheckArtifacts userid password
taskPurgeBatch.sh	Purge	N	N/A	N/A	ClearancePriceChangePublishExport	N/A	daily/ad hoc	N	taskPurgeBatch.sh <username> <password> [-<purgeDays>] [Y/N]

ReIM Dependency and Scheduling Details

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
reimautomatch	Invoice Matching (ReIM)	Y	N/A	6	N/A	reimrollup	daily	R	reimautomatch userid/passwd
reimpurge	Invoice Matching (ReIM)	N	N/A	0	N/A	reimposting	daily	R	reimpurge userid/passwd
reimcomplexdealupload	Invoice Matching (ReIM)	Y	N/A	5	vendinvc(RMS), vendinvf(RMS)	reimautomatch	daily	R	reimcomplexdealupload userid/passwd BlockSize PartitionNo
reimdiscrepancypurge	Invoice Matching (ReIM)	N	N/A	1	N/A	N/A	daily	R	reimdiscrepancypurge userid/passwd
reimediupload	Invoice Matching (ReIM)	Y	N/A	5	edidinvf(RMS)	reimautomatch	daily	R	reimediupload userid/passwd "EDI input file with path" "EDI reject file with path"
reimediupload	Invoice Matching (ReIM)	N	N/A	7	reimposting	N/A	daily	R	reimediupload userid/passwd
reimfeddealupload	Invoice Matching (ReIM)	Y	N/A	5	vendinvc(RMS), vendinvf(RMS)	reimautomatch	daily	R	reimfeddealupload userid/passwd BlockSize PartitionNo
reimrollup	Invoice Matching (ReIM)	N	N/A	6	reimautomatch	N/A	daily	R	reimrollup userid/passwd
reimreceiptwriteoff	Invoice Matching (ReIM)	N	N/A	6	reimautomatch	N/A	daily	R	reimreceiptwriteoff userid/passwd
reimposting	Invoice Matching (ReIM)	N	N/A	6	reimrollup	N/A	daily	R	reimposting userid/passwd
reimcreditautomatch	Invoice Matching (ReIM)	Y	N/A	6	N/A	N/A	daily	R	reimcreditautomatch userid/passwd

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

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
pre_rmse_rpas.ksh	Planning/Forecast System Interface	N	N/A	N/A	N/A. This is a pre setup script	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

						sitmain						
rmse_rpas_item_master.ksh	Planning/Forecast System Interface	N	N/A	N/A		recldsy		Refer to RPAS Operations guide	daily	N		N/A
						recldsy						
rmse_rpas_merchhier.ksh	Planning/Forecast System Interface	N	N/A	N/A		dlyprg		Refer to RPAS Operations guide	daily	N		N/A
						dlyprg						
rmse_rpas_orghier.ksh	Planning/Forecast System Interface	N	N/A	N/A		stkdy	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N		N/A
						stkdy						
rmse_rpas_stock_on_hand.ksh	Planning/Forecast System Interface	N	N/A	N/A		storeadd	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		dlyprg		Refer to RPAS Operations guide	daily	N		N/A
rmse_rpas_suppliers.ksh	Planning/Forecast System Interface	N	N/A	N/A		pre_rmse_rpas.ksh		Refer to RPAS Operations guide	daily	N		N/A
						hstwkupd						
rmse_rpas_weekly_sales.ksh	Planning/Forecast System Interface	N	N/A	N/A		salweek		Refer to RPAS Operations guide	daily	N		N/A
						whadd						
rmse_rpas_wh.ksh	Planning/Forecast System Interface	N	N/A	N/A		dlyprg		Refer to RPAS Operations guide	daily	N		N/A
rml_rpas_forecast.ksh	Planning/Forecast System Interface	N	N/A	N/A		pre_rmse_rpas.ksh		Refer to RPAS Operations guide	daily	N		rml_rpas_forecast.ksh daily or weekly
						RETLL scripts are run						
rml_rpas_update_retl_date.ksh	Planning/Forecast System Interface	N	N/A	N/A		RETLL scripts are run		Refer to RPAS Operations guide	daily	N		rml_rpas_update_retl_date.ksh CLOSED_ORDER or RECEIVED_QTY

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

Dimension source: Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
cdedtlx.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
cmptirmex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
cmptircas.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
cmzcydex.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
orgarax.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lcrblid (RMS)	Refer to RDW operations guide	daily	N	N/A
orgchanex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lcrblid (RMS)	Refer to RDW operations guide	daily	N	N/A
orgchrex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lcrblid (RMS)	Refer to RDW operations guide	daily	N	N/A
orgdsex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lcrblid (RMS)	Refer to RDW operations guide	daily	N	N/A
orglmex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lcrblid (RMS)	Refer to RDW operations guide	daily	N	N/A
orglocex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lcrblid (RMS)	Refer to RDW operations guide	daily	N	N/A
orglolex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lcrblid (RMS)	Refer to RDW operations guide	daily	N	N/A
orgltmex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lcrblid (RMS)	Refer to RDW operations guide	daily	N	N/A
orgltrex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lcrblid (RMS)	Refer to RDW operations guide	daily	N	N/A
orgrgnex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lcrblid (RMS)	Refer to RDW operations guide	daily	N	N/A
phasex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
prdclex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recldsy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdcmpex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
prddex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recldsy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prddifex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recldsy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prddivex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recldsy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prddtypex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recldsy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdgtrpx.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recldsy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdslex.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), recldsy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdtlmex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recldsy (RMS), dlyprg (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
prdtlmtmex.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, cremhierdly (RMS), recldsy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdpimex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recldsy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdsbcex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recldsy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prduaxex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recldsy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
regngrex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
regnmbxex.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
supirmex.ksh	RDW interface	N	N/A	N/A	A, B, cntmain (RMS)	Refer to RDW operations guide	daily	N	N/A
supirtex.ksh	RDW interface	N	N/A	N/A	A, B, cntmain (RMS)	Refer to RDW operations guide	daily	N	N/A
trndtypex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
ttltypex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A

Fact source: Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
cmptprcidex.ksh	RDW interface	N	N/A	N/A	B	Refer to RDW operations guide	daily	N	cmptprcidex.ksh output_file_path/output_file_name
csidlex.ksh	RDW interface	N	N/A	N/A	C	Refer to RDW operations guide	daily	N	csidlex.ksh output_file_path/output_file_name
exchngratex.ksh	RDW interface	N	N/A	N/A	B	Refer to RDW operations guide	daily	N	exchngratex.ksh output_file_path/output_file_name

invldex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS), ordrev (RMS)	Refer to RDW operations guide	daily	Y	invldex.ksh output_file_path/output_file_name
ivaldex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS)	Refer to RDW operations guide	daily	N	ivaldex.ksh output_file_path/output_file_name
ivrcpldex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS)	Refer to RDW operations guide	daily	N	ivrcpldex.ksh output_file_path/output_file_name
ivrlidx.ksh	RDW interface	N	N/A	N/A	C	Refer to RDW operations guide	daily	N	ivrlidx.ksh output_file_path/output_file_name
ivtildex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS)	Refer to RDW operations guide	daily	N	ivtildex.ksh output_file_path/output_file_name
ivuidex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS)	Refer to RDW operations guide	daily	N	ivuidex.ksh output_file_path/output_file_name
lptotldex.ksh	RDW interface	N	N/A	N/A	C, sasexprow (ReSA), resa2zdx	Refer to RDW operations guide	daily	N	lptotldex.ksh output_file_path/output_file_name
lptldex.ksh	RDW interface	N	N/A	N/A	C, sasexprow (ReSA), resa2zdx	Refer to RDW operations guide	daily	N	lptldex.ksh output_file_path/output_file_name
ncstulldex.ksh	RDW interface	N	N/A	N/A	C	Refer to RDW operations guide	daily	N	ncstulldex.ksh output_file_path/output_file_name
post_dwi_temp.ksh	RDW interface	N	N/A	N/A	All extract batches	Refer to RDW operations guide	daily	N	N/A
prclldex.ksh	RDW interface	N	N/A	N/A	N/A	Refer to RDW operations guide	daily	N	prclldex.ksh output_file_path/output_file_name
pre_dwi_extract.ksh	RDW interface	N	N/A	N/A	A	operations guide	daily	N	N/A
pre_dwi_temp.ksh	RDW interface	N	N/A	N/A	B	Refer to RDW operations guide	daily	N	N/A
rpclldex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	rpclldex.ksh output_file_path/output_file_name
savidex.ksh	RDW interface	N	N/A	N/A	C, cntprss (RMS), edilupvi (RMS), rplapprv (RMS)	Refer to RDW operations guide	daily	N	savidex.ksh output_file_path/output_file_name
scmioldex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	scmioldex.ksh output_file_path/output_file_name
scmioldex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	scmioldex.ksh output_file_path/output_file_name
scrtldex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	scrtldex.ksh output_file_path/output_file_name
scrtldex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	Y	scrtldex.ksh output_file_path/output_file_name
scldex.ksh	RDW interface	N	N/A	N/A	C, rplapprv (RMS), cntprss (RMS), rplbid (RMS), cntmain (RMS)	Refer to RDW operations guide	daily	N	scldex.ksh output_file_path/output_file_name
sfclwex.ksh	RDW interface	N	N/A	N/A	B, rmsl_rpas_forecast.ksh (RMS to RPAS extract)	Refer to RDW operations guide	daily	N	sfclwex.ksh output_file_path/output_file_name
sfclldex.ksh	RDW interface	N	N/A	N/A	C, sasexprow (ReSA), resa2zdx	Refer to RDW operations guide	daily	Y	sfclldex.ksh output_file_path/output_file_name
slsmknlldex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	slsmknlldex.ksh output_file_path/output_file_name
stblmthex.ksh	RDW interface	N	N/A	N/A	C, salmth (RMS)	Refer to RDW operations guide	daily	N	stblmthex.ksh output_file_path/output_file_name
stblwex.ksh	RDW interface	N	N/A	N/A	C, salweek (RMS)	Refer to RDW operations guide	daily	N	stblwex.ksh output_file_path/output_file_name
tlldex.ksh	RDW interface	N	N/A	N/A	C, sasexprow (ReSA), resa2zdx	Refer to RDW operations guide	daily	N	tlldex.ksh output_file_path/output_file_name
vchrschdex.ksh	RDW interface	N	N/A	N/A	B, savouch (ReSA)	Refer to RDW operations guide	daily	N	vchrschdex.ksh output_file_path/output_file_name
vchrmovldsgex.ksh	RDW interface	N	N/A	N/A	B, savouch (ReSA)	Refer to RDW operations guide	daily	N	vchrmovldsgex.ksh output_file_path/output_file_name
vchroutwex.ksh	RDW interface	N	N/A	N/A	B, savouch (ReSA)	Refer to RDW operations guide	daily	N	vchroutwex.ksh output_file_path/output_file_name

Notes:

A is a set of batch processes on the RDW system.

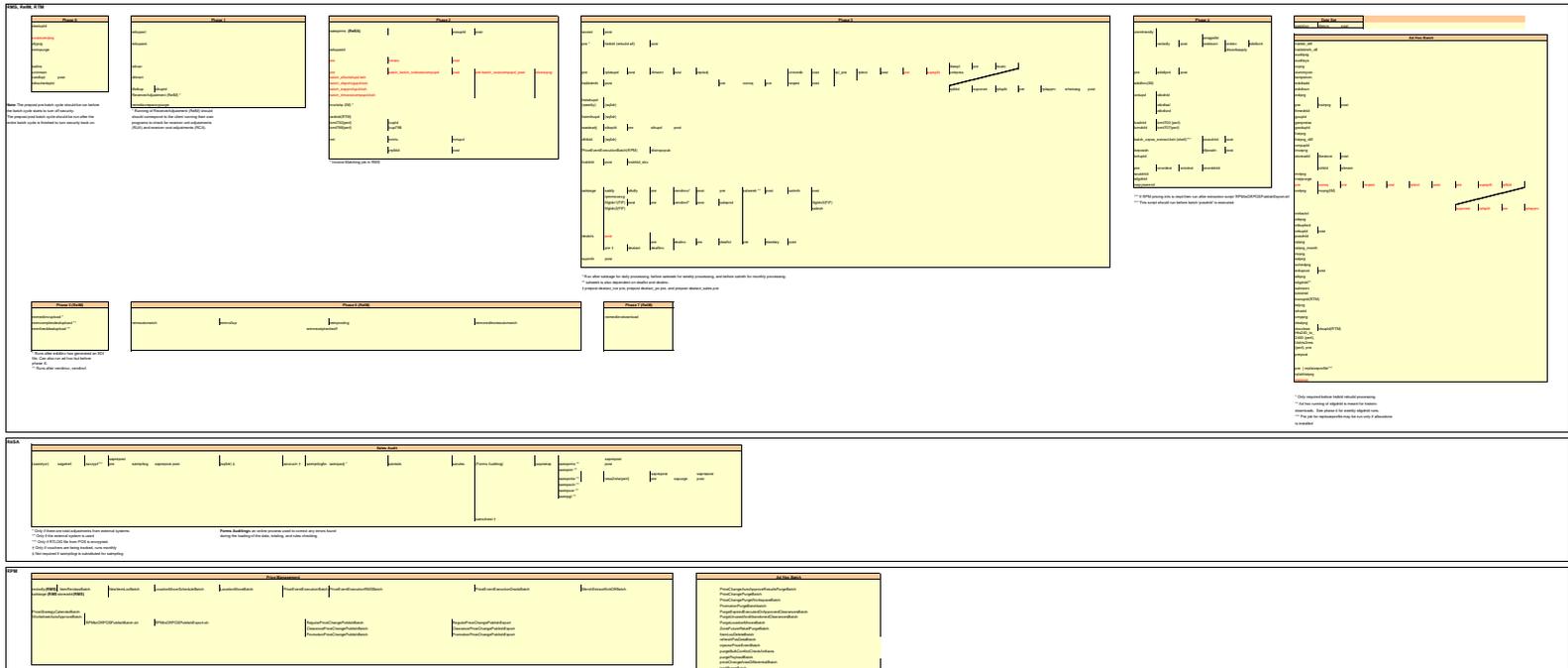
A consists of the following RDW batch modules

factopendm.ksh
 medfactopendm.ksh
 factclosedm.ksh
 mt_prime.ksh

B is pre_dwi_extract.ksh DWI batch process.

C is pre_dwi_temp.ksh DWI batch process.

Integrated Merchandising Batch Schedule



Interface Diagrams for RMS and RPAS

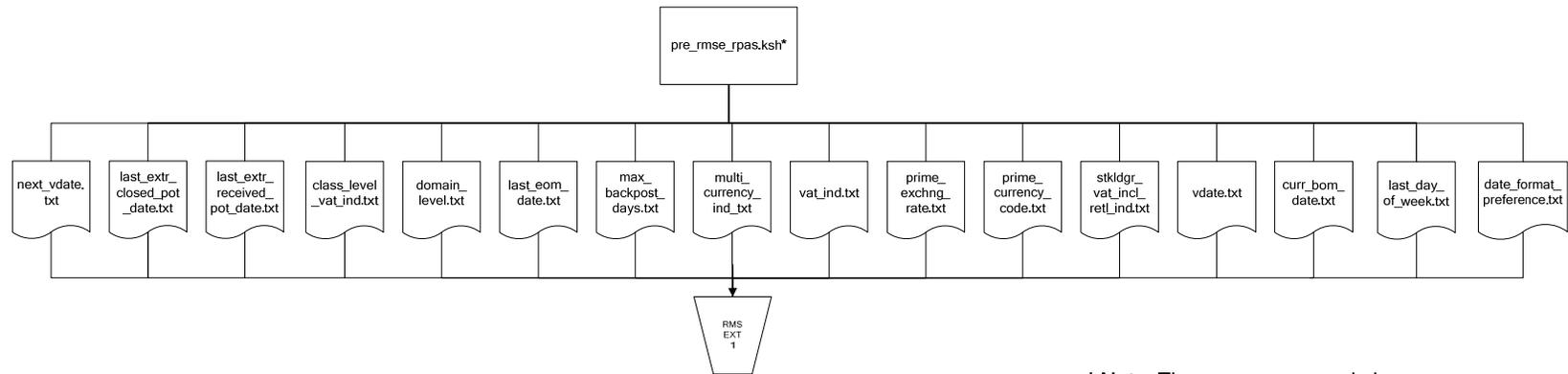
Because RMS is the retailer's central merchandising transactional processing system, it is the principle source of the foundation data needed in some of the Oracle Retail suite of products. RMS provides foundation data to RPAS, and RPAS provides planning data to RMS.

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

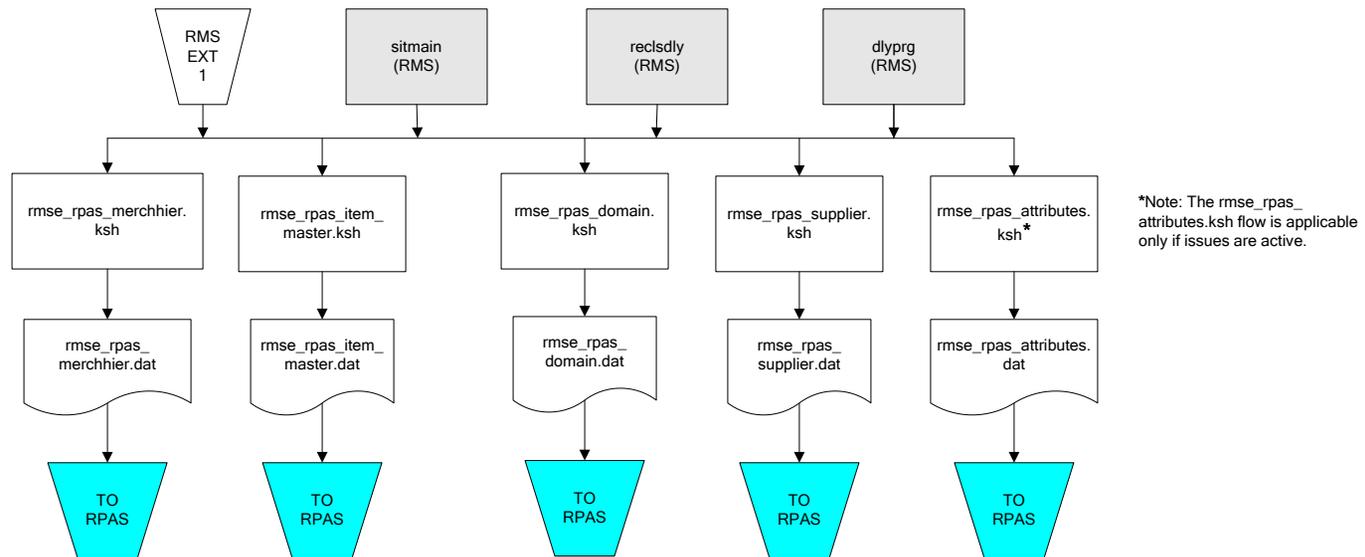
RMS Pre RETL Extract Maintenance



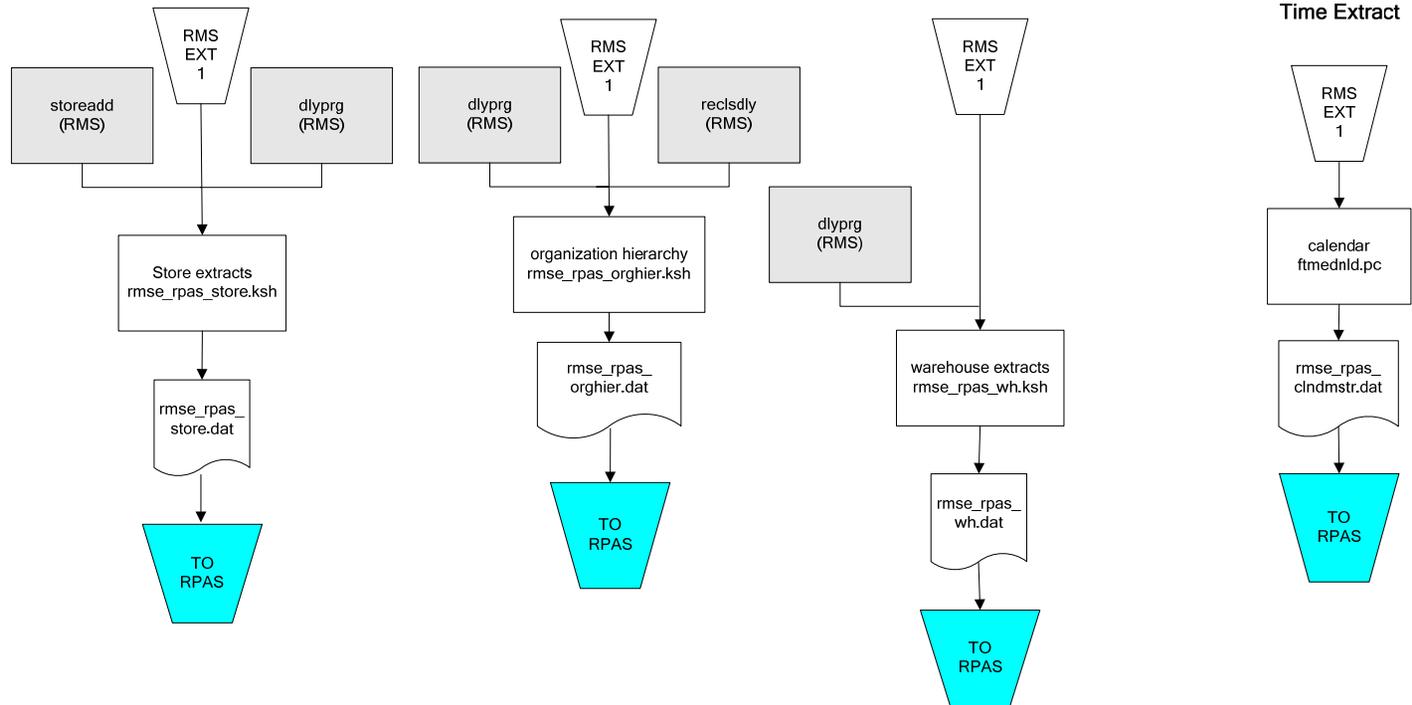
*** Note:** The `pre_rmse_rpas.ksh` program checks for existing `.txt` output files. Because of this validation, retailers running the program for the first time should include an optional `-c` parameter. This parameter allows the program to run successfully without pre-existing `.txt` output files.

RMS Foundation Data Extract Diagrams

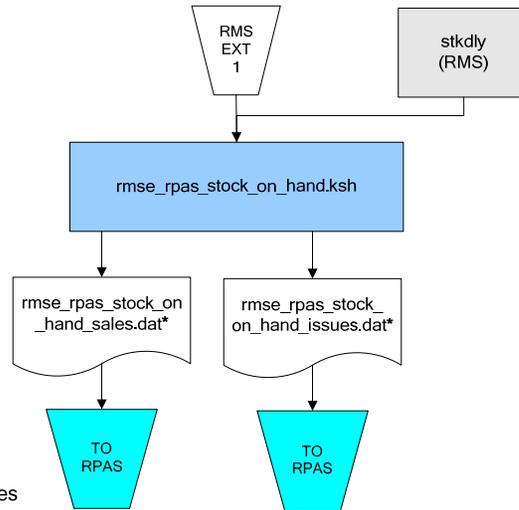
Merchandise Hierarchy for RPAS



Organization Hierarchy for RPAS



RMS Fact Data Extract Diagrams

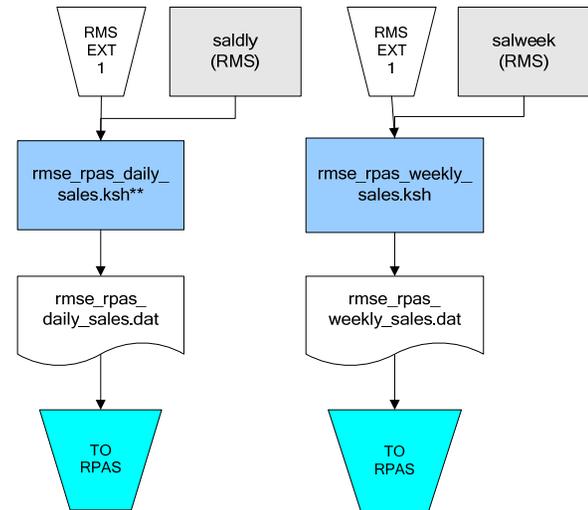


*** Note:**

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

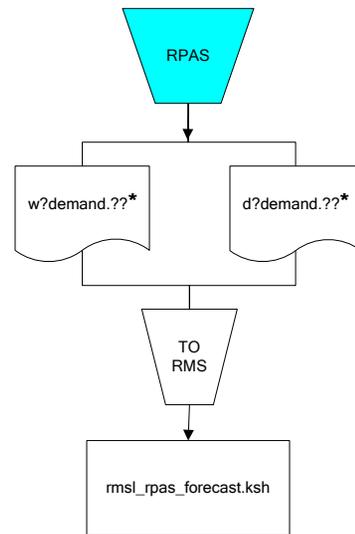
Sales Extracts For RPAS



**** 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.

Interface Diagrams for RMS and RDW

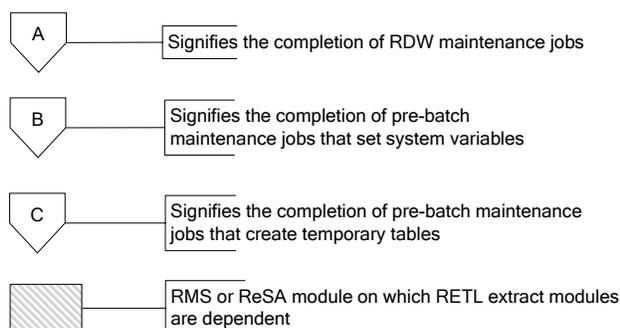
RMS works in conjunction with the Oracle Retail Extract Transform and Load (RETL) framework. RETL provides high-performance processing to extract data from Oracle Retail applications for use in data warehouses. The architecture allows database batch processes to take advantage of parallel processing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

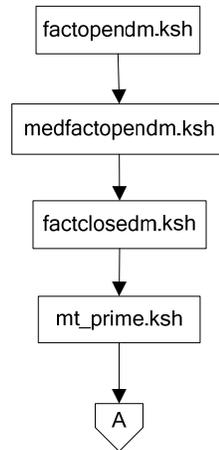
For summary information about the configuration, architecture, and features of RETL programs utilized in RMS/ReSA extractions, see the Oracle Retail Merchandising System Operations Guide Volume 3—Backend Configuration and Operations. For more information about the RETL tool, see the current RETL Programmer's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

Legend

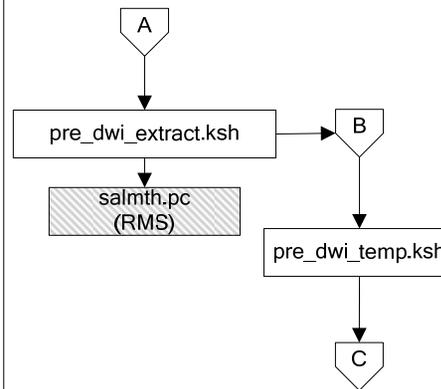


Note:
The modules in this flow are RDW RETL scripts. If the retailer uses RDW, this flow must be completed before starting the pre-batch maintenance flow. If the retailer does not use RDW, these jobs are not required.

RDW Maintenance

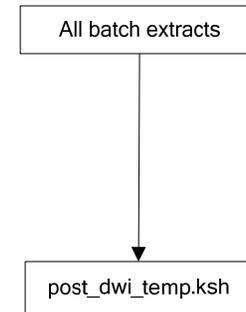


Pre-Batch Maintenance

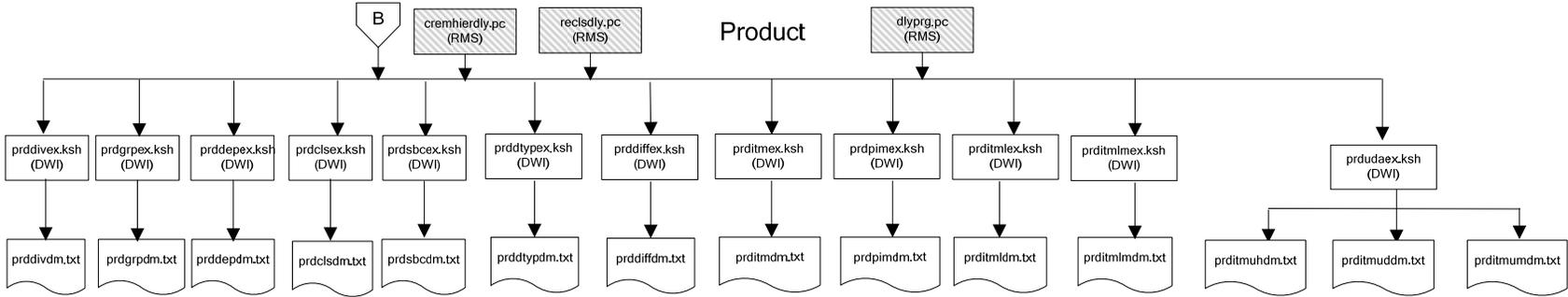


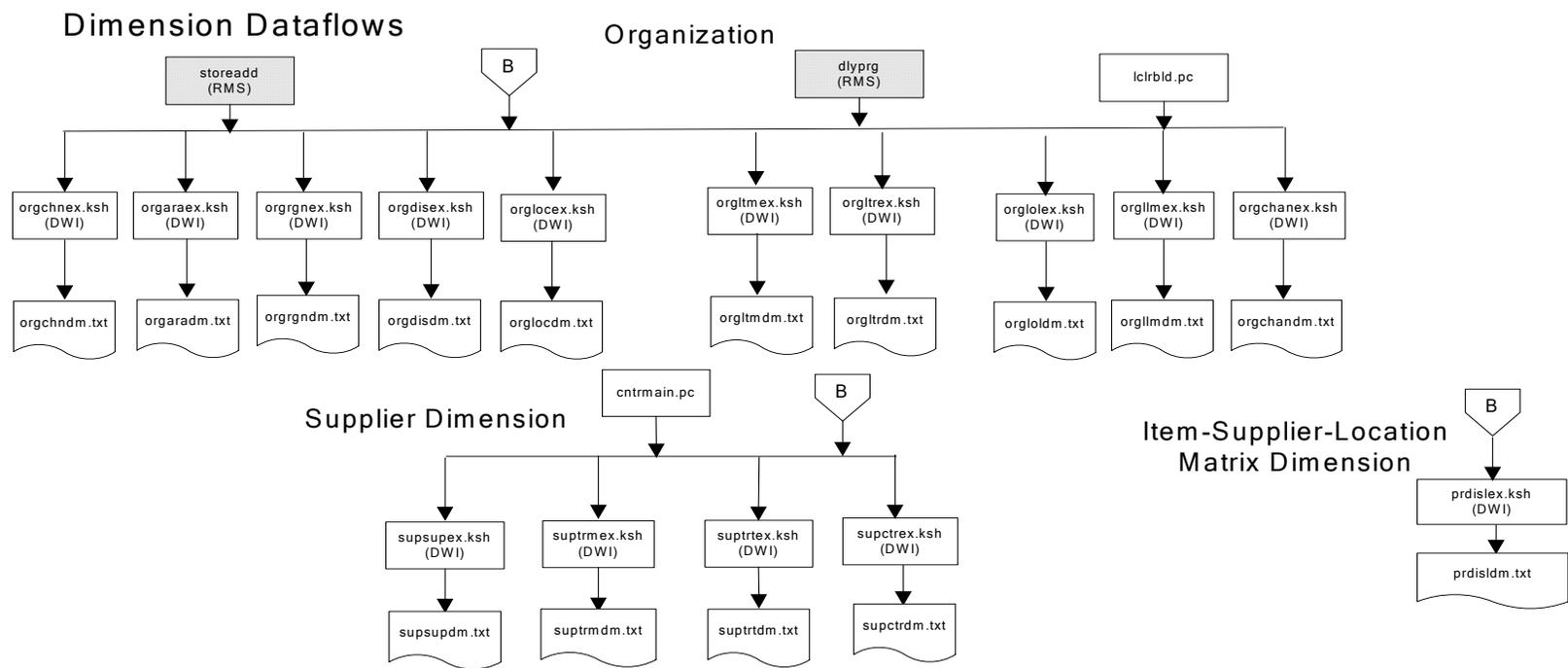
Note:
`salmth.pc` resets the last `eom_date`. Thus, it must be run after the system indicator is extracted by `pre_dwi_extract.ksh`.

Post-Batch Maintenance

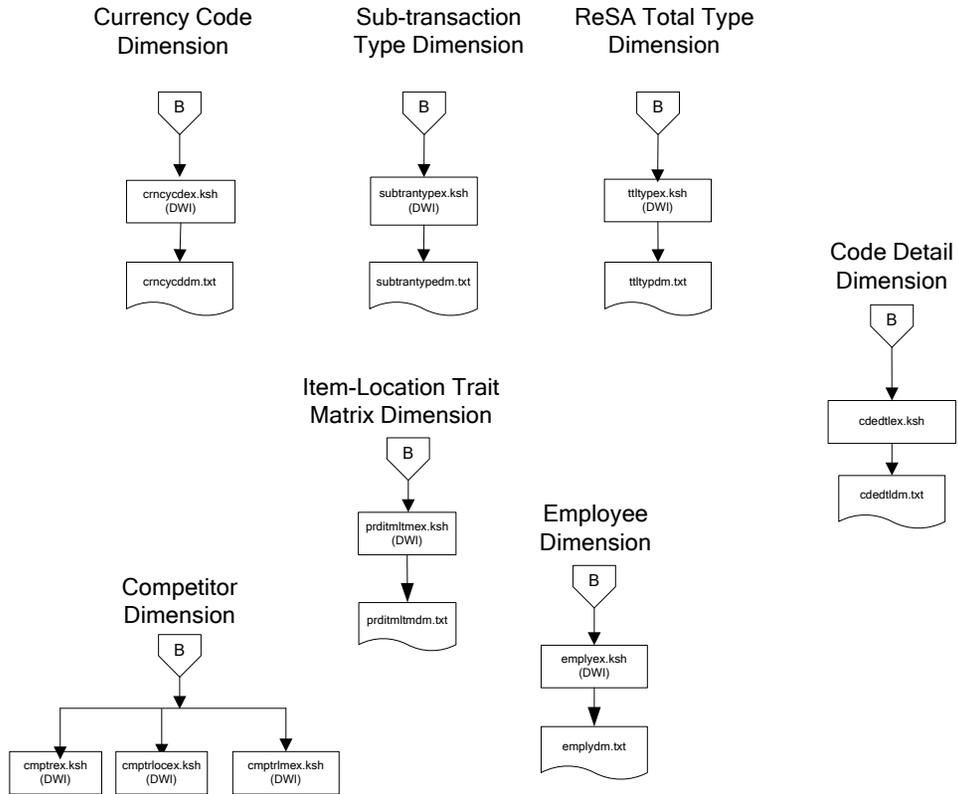


Dimension Dataflows



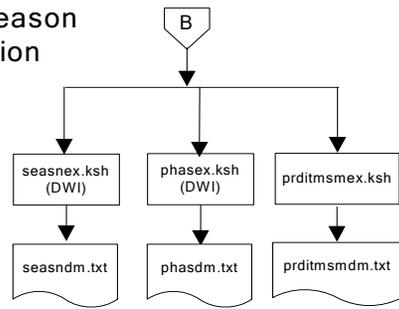


Dimension Dataflows

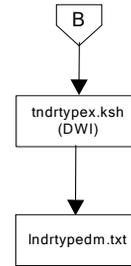


Dimension Dataflows

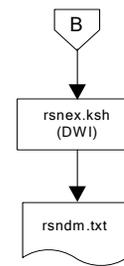
Product Season Dimension



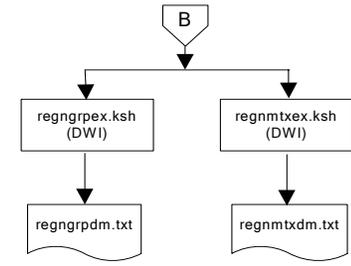
Tender Type Dimension



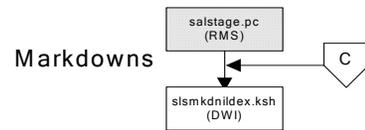
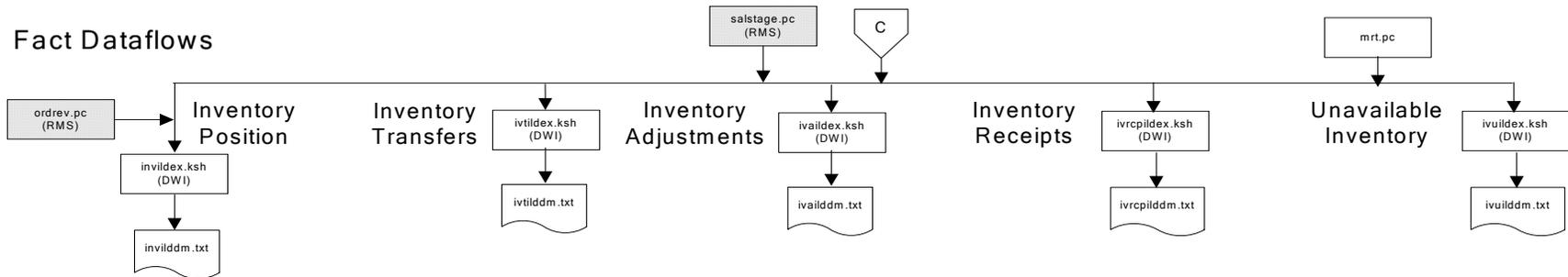
Reason Dimension



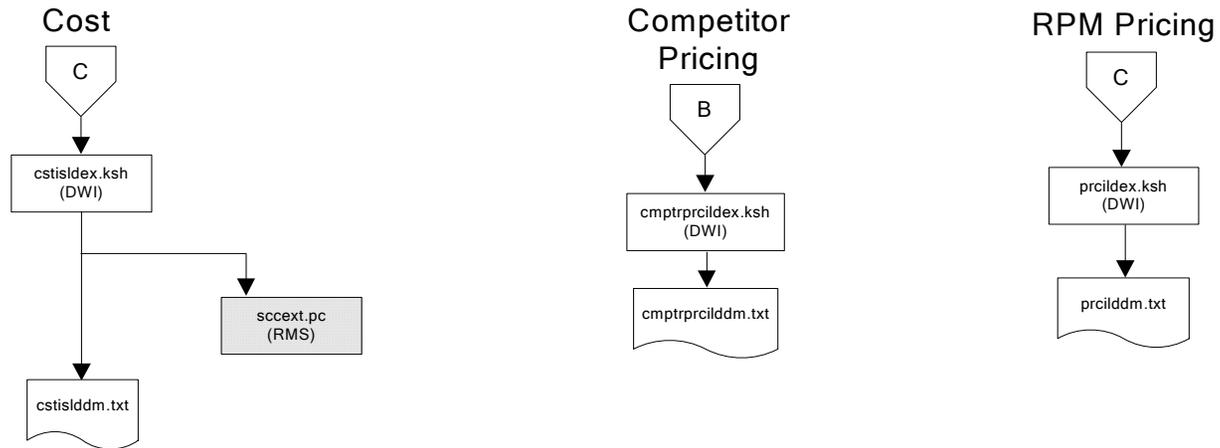
Regionality Dimension



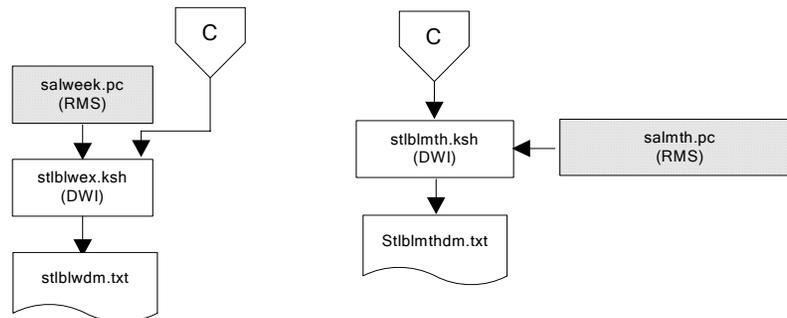
Fact Dataflows



Fact Dataflows

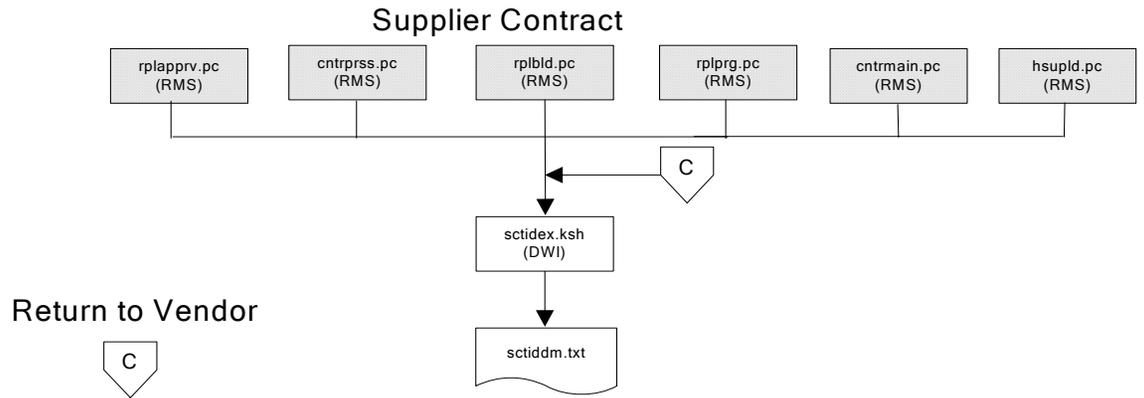
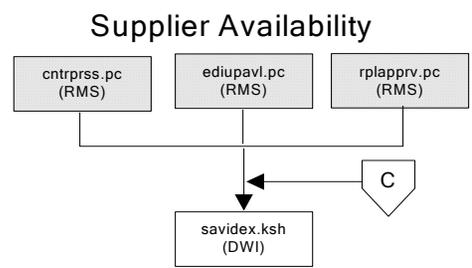


Stock Ledger

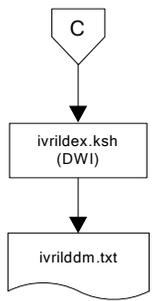


Note:
Run stock ledger fact loads once weekly.

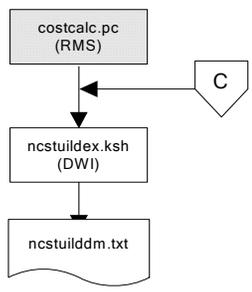
Fact Dataflows



Return to Vendor

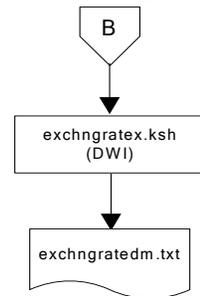


Net Cost

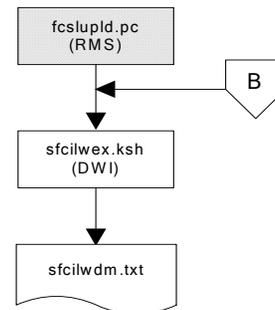


Fact Dataflows

Exchange Rates

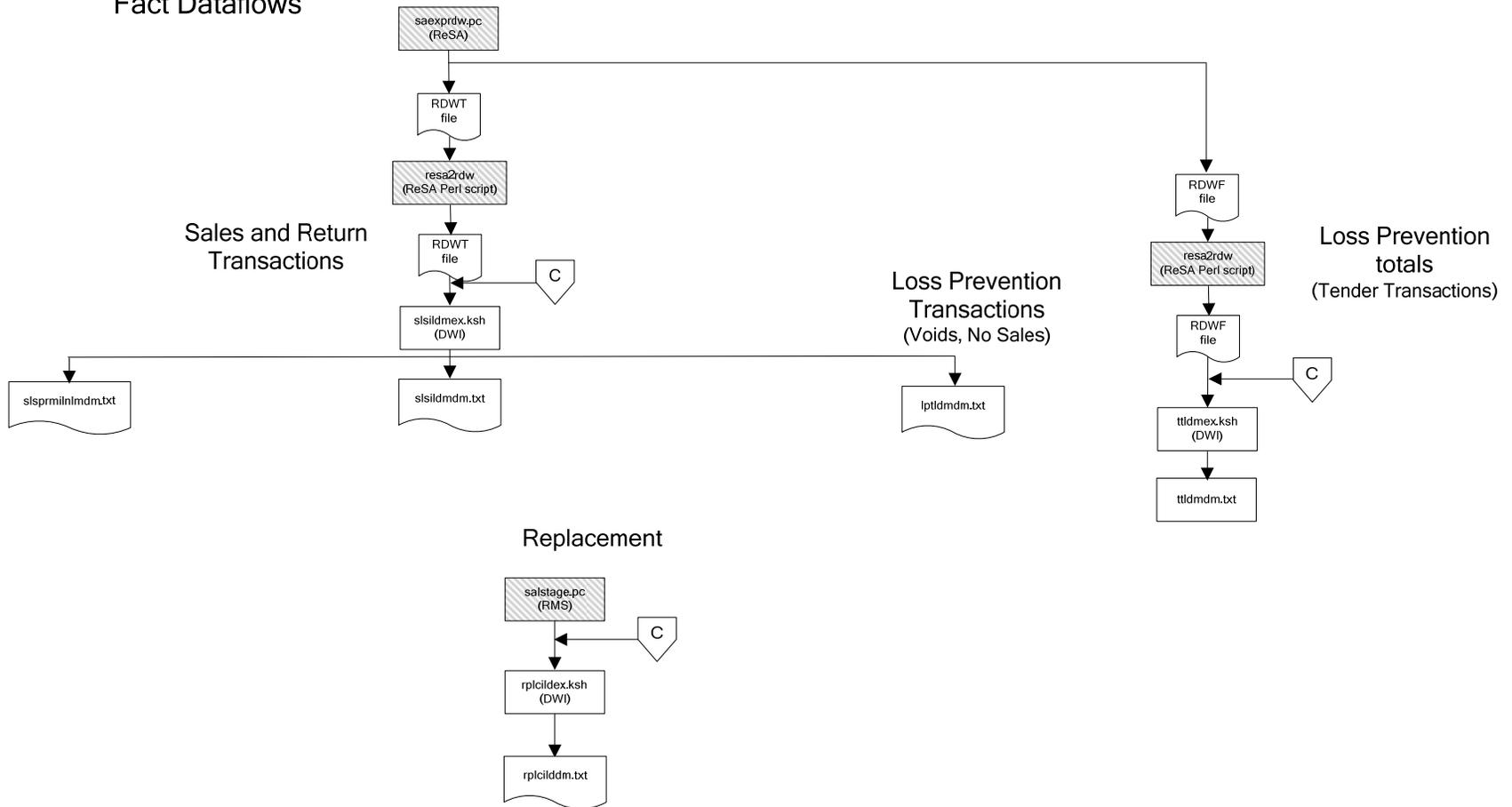


Sales Forecasts

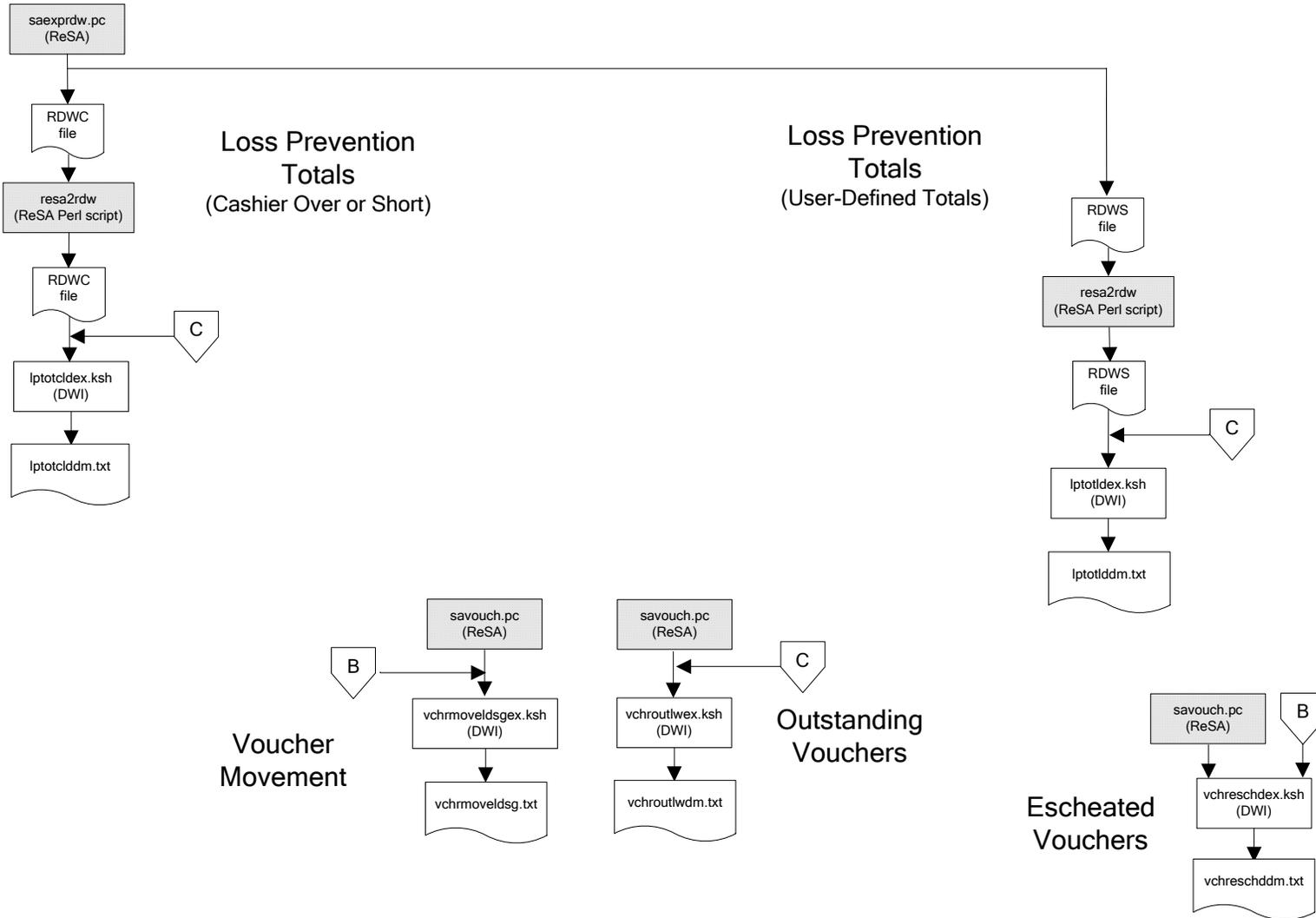


Note:
Run sales forecast fact loads
once weekly.

Fact Dataflows

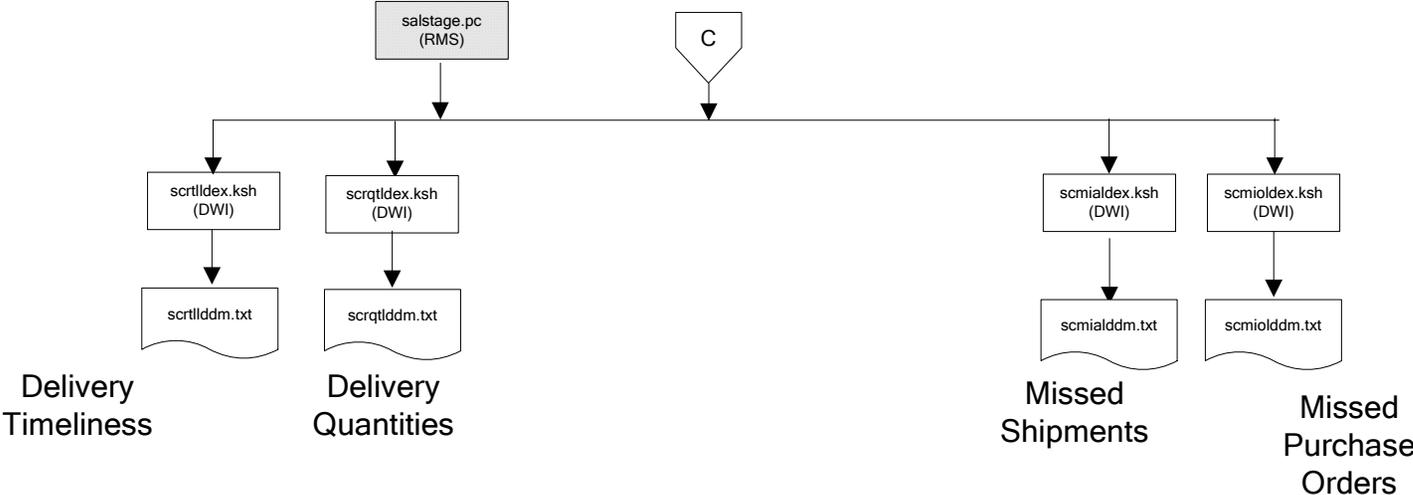


Fact Dataflows



Fact Dataflows

Supplier Compliance



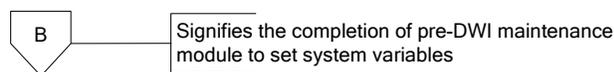
Interface Diagram for RPM and RDW

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

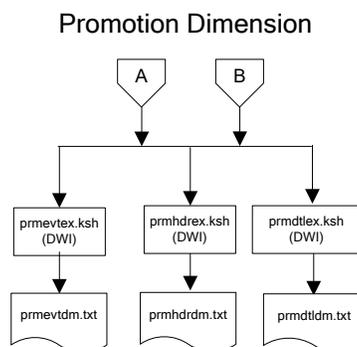
For detailed information about dimensions and facts, see the Oracle Retail Data Warehouse Operations Guide.

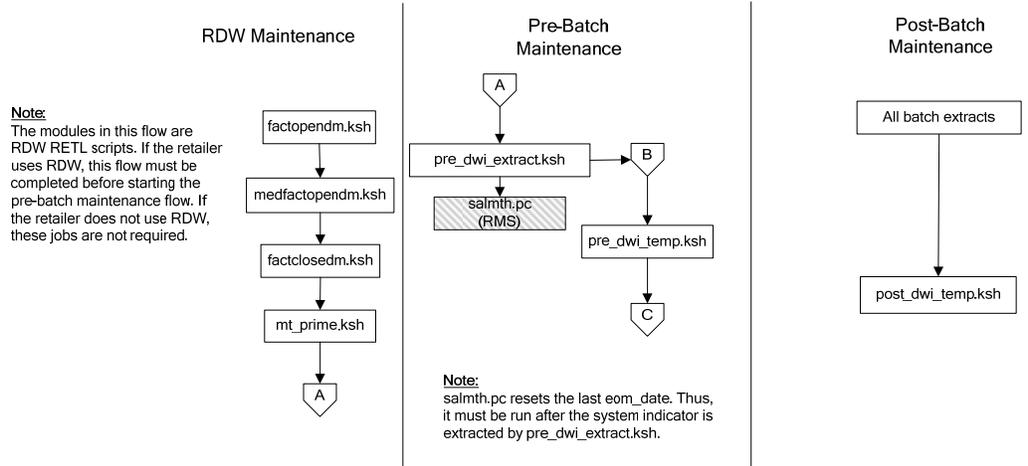
See the Oracle Retail Merchandising System Operations Guide Volume 1—Batch Overviews and Designs for more information about the modules shown in the following diagram.

Legend



Program Flow Diagram





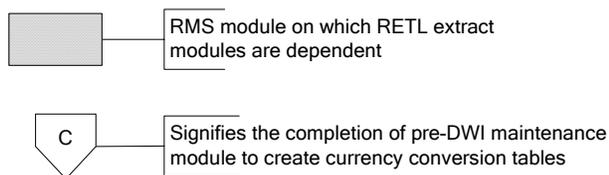
Interface Diagram for ReIM and RDW

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

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

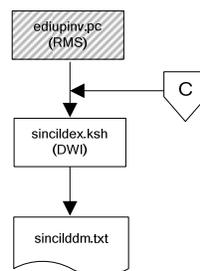
See the Oracle Retail Merchandising System Operations Guide Volume 1—Batch Overviews and Designs for more information about the modules shown in the following diagram.

Legend



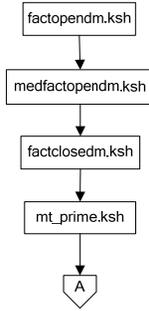
Program Flow Diagram

Supplier Invoice Cost

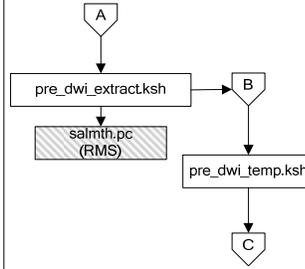


Note:
The modules in this flow are RDW RETL scripts. If the retailer uses RDW, this flow must be completed before starting the pre-batch maintenance flow. If the retailer does not use RDW, these jobs are not required.

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

