

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

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

Customer Support

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When contacting Customer Support, please provide the following:

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

Conventions

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

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

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

A hyperlink appears like this.

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.

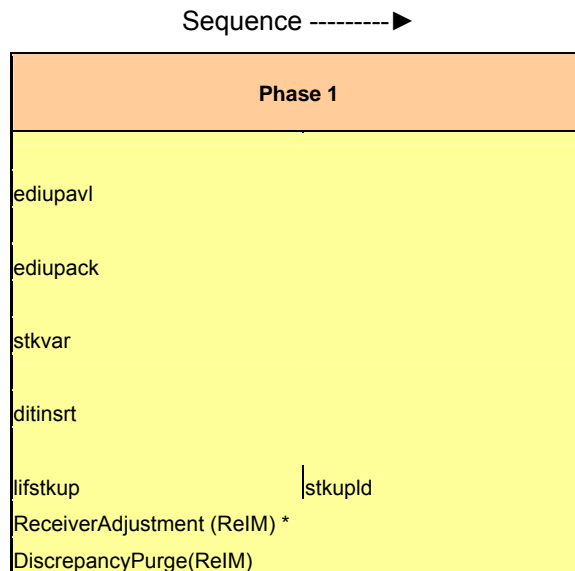
Each phase must be completed before the next phase can begin. Also, a phase may contain programs that depend on other programs within the phase. Programs within each phase may need to run in a particular sequence.

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



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 cntrprss. The ibcalc module cannot be run until both ibexpl and cntrprss have completed successfully.

ibexpl cntrprss	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.
(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 Retail Price Management Operations Guide.
- Whether full-featured or simplified Retail Price Management (RPM) is used
For more information about configuring simplified RPM, see the “Backend System Administration and Configuration” chapter in the Retail Price Management Operations Guide.
- Whether full-featured or simplified RTM is used
For more information about configuring simplified RTM, see the “Oracle Retail Trade Management Batch” chapter in Volume 1 of the Retail Merchandising System Operations Guide.

RMS,RTM,ReSA Program Dependency and Scheduling Details										
Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs	
auditprg	Audit	N	N/A	ad hoc	N/A	N/A	daily	N	auditprg user/passwd	
auditsys	Audit	N	N/A	ad hoc	N/A	N/A	daily	N	auditsys user/passwd	
batch_orpos_extract.ksh	Point of Sale Interface	Y	Store	4	If RPM pricing info is reqd then run after extraction script	N/A	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	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	rladj	prepost cntrordb post	daily	R	cntrordb user/passwd	
cntrprss	Contracting	Y	Dept	3	rlpext	rlbid	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	precostcalc	reclisdy	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_po pre	N/A	daily	R	dealcis user/passwd	
dealday	Deals	Y	Location	3	prepost deallact_sales pre	prepost dealday pos	monthly	R	dealday user/passwd	
dealex	Deals	Y	Deal Id	3	dealinc	salmnth	daily	N	dealex user/passwd	
dealfct	Deals	Y	Deal Id	3	precostcalc	reclisdy	daily	R	dealfct user/passwd [Y/N - EOM processing ind]	
dealfinc	Deals	Y	Deal Id	3	dealinc	dealfct	weekly/ad hoc	R	dealfinc user/passwd	
dealinc	Deals	Y	Deal Id	3	prepost dealinc pre	salmnth (if monthly)	monthly	R	dealinc user/passwd [Y/N -EOM processing ind]	
dealpgr	Deals	Y	N/A	ad hoc	N/A	N/A	monthly	R	dealpgr user/passwd	
deaulpdl	Deals	Y	File-based	0	(This program is the first one in Deals batch (All other deals programs)	(All other deals programs)	daily	R	deaulpdl user/passwd input_file reject_fil	
dfrtbd	Item Maintenance	Y	Dept	3	(This program will likely be run after sales information is uploaded into Oracle Retail)	(SQL*Load the output file)	daily	R	dfrtbd user/passwd outfile	
discoctbaply	OTB	Y	Dept	4	ordscnt	N/A	daily	R	discoctbaply 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	dybrg user/passwd	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	dcclose user/passwd	
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 [ndate-YYYYMMDD format]	
dummyctn	Receiving	N	N/A	ad hoc	N/A	N/A	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	
edidlord	Ordering	N	N/A	4	ordrev	N/A	ad hoc	R	edidlord user/passwd filename	
edidprd	EDI Interface - Sales and Inventory	N	N/A	4	(and after replenishment batch)	N/A	daily	R	edidprd user/passwd filename	
ediprg	EDI Interface - Purge	N	N/A	ad hoc	prepost edidprd pre	prepost edidprd pos	monthly	R	ediprg user/passwd	
edupackd	Maintenance	N	File-based	2	(Towards the end of the batch cycle)	N/A	daily	N	edupackd 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	
fcstbrld	Forecasting	Y	Domain Id	3	N/A	prepost fcstbrld post	weekly	R	fcstbrld user/passwd	
fcstbrld_sbc	Forecasting	Y	Domain Id	3	prepost fcstbrld post	N/A	weekly	R	fcstbrld_sbc user/passwd	
ftfgldn1	Financial Interface	Y	Dept	3	prepost ftfgldn1 post	salapnd	daily	R	ftfgldn1 user/passwd	
ftfgldn2	Financial Interface	Y	Dept	3	salstage	salapnd	daily	R	ftfgldn2 user/passwd	
ftfgldn3	Financial Interface	Y	Store/Wh	3	salmth	N/A	monthly	R	ftfgldn3 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	posupld	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	prepost hsbtbdmth post	prepost hsbtbdmth post	monthly	R	hsbtbdmth user/passwd level/monthly/rebuild	
hsbtbdmth_diff	Sales	N	N/A	ad hoc	posupld	prepost hsbtbdmth post	ad hoc	N	hsbtbdmth_diff user/passwd	
hstmthupd	Sales	Y	Location	3	(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)	prepost hstmthupd post	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	(The program should be run on the last day of the month).	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	N/A	N/A	ad hoc	R	htsupld user/passwd input_file reject_file country_id ; perl hts_240_to_2400 inputfile outfile ; perl ushts2rms inputfile rejectfile	
ibcalc	Investment Buy	Y	Dept	3	replex	rlbid	daily	R	ibcalc user/passwd	
ibexpl	Investment Buy	N	N/A	3	prepost ibcalc pre	ibcalc	daily	N	ibexpl user/passwd	
invaprg	Inventory Adjustments	N	N/A	ad hoc	rlpext	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	

lcadnld	Letter of Credit	N	N/A	4	N/A	lcm700 (perl script)	daily	R	lcadnld userid/passwd output_file
lclbld	Maintenance - Location	N	N/A	ad hoc	storeadd	N/A	monthly	R	lclbld userid/passwd
lcmdnld	Letter of Credit	N	N/A	4	N/A	lcm707 (perl script)	daily	R	lcmdnld userid/passwd output_file
lcup798	Letter of Credit	N	N/A	2	lcm798 (perl script)	N/A	daily	R	lcup798 userid/passwd input_file rej_file
lculpd	Letter of Credit	N	N/A	2	lcm730 (perl script)	N/A	daily	R	lculpd userid/passwd input_file rej_file
lflstkup	Stock Ledger	N	File-based	1	inv_bal_upload.sh (warehouse mgmt program)	stkupld	daily	N	lflstkup userid/passwd input_file output_file
likestore	Maintenance - Location	Y	Dept	ad hoc	storeadd	prepost likestore pos	daily	R	likestore userid/passwd
mrt	Mass Return Transfers	Y	Warehouse	2	N/A	mrttrv	daily	R	mrt userid/passwd
mrtprg	Mass Return Transfers	Y	Warehouse	ad hoc	N/A	mrtupd	ad hoc	R	mrtprg userid/passwd
mrttrv	Mass Return Transfers	Y	Warehouse	2	mrt	mrtupd	daily	R	mrttrv userid/passwd
mrtupd	Mass Return Transfers	Y	Warehouse	2	mrttrv	N/A	daily	R	mrtupd userid/passwd
nwppurge	Stock Ledger	N	N/A	ad hoc	N/A	N/A	ad hoc	N	nwppurge userid/passwd
nwpyearend	Stock Count	Y	Location	4	run on last day of year	N/A	yearly	R	nwpyearend userid/passwd
ociroq	Replenishment	N	N/A	3	repladj	N/A	daily	R	ociroq userid/passwd
onordext	Planning System Interface	Y	Transfer	4	onordext	onorddnd	weekly	R	onordext userid/passwd datefile
onorddnd	Planning System Interface	Y	Store/Wh	4	onordext	N/A	daily	R	onorddnd userid/passwd
ordautcl	Planning System Interface	Y	Order	4	prepost onordext pri	onordext	daily	R	onordext userid/passwd datefile
	Ordering	N	N/A	ad hoc	N/A	N/A	daily	N	ordautcl userid/passwd
					dtinrst				
orddscent	Deals	Y	Supplier	4	sccext	diacotbapply	daily	R	orddscent userid/passwd
ordprg	Ordering	N	N/A	ad hoc	recdsdy	dealcis	monthly	N	ordprg userid/passwd
ordrev	Ordering	N	N/A	4	N/A	invprg	daily	R	ordrev userid/passwd
					eddiord				
ordupd	Ordering	N	N/A	4	sccext	otbdnd	daily	N	ordupd userid/passwd
otbdord	OTB	N	N/A	4	(After RPM pricing change extraction batch)	otbdord	daily	R	otbdord userid/passwd output_file
otbdisal	OTB	N	N/A	4	ordupd	N/A	daily	R	otbdisal userid/passwd output_file
otbdnd	OTB	N	N/A	4	ordupd	N/A	daily	R	otbdnd userid/passwd output_file
otbprg	OTB	N	N/A	ad hoc	ordupd	N/A	monthly	R	otbprg userid/passwd
otbupfwd	OTB	Y	File-based	ad hoc	N/A	N/A	daily	R	otbupfwd userid/passwd input_file reject_file
otbupld	OTB	Y	File-based	ad hoc	N/A	N/A	daily	R	otbupld userid/passwd input_file reject_file
poscdnd	Point of Sale Interface	N	N/A	4	posnd	prepost poscdnd post	daily	R	poscdnd userid/passwd outpufik
posndnd	Point of Sale Interface	Y	Store	ad hoc	N/A	prepost posndnd post	daily	R	posndnd userid/passwd output_filename
posgpdld	Point of Sale Interface	N	N/A	4	recdsdy	N/A	daily	R	posgpdld userid/passwd output_file
						prepost posupld post			
posupld	Sales	Y	File-based	2	saexprms(ReSA)	salstage	daily	R	posupld userid/passwd infle rejfile vaffile itemfile lockfile
					dtinrst				
precostcalc	Deals	Y	Supplier	2	prepost precostcalc pre	costcalc	daily	R	precostcalc userid/passwd supplier (May use the batch_precostcalc.ksh for launching this program as it is created based on performance considerations)
prepost	Pre/post functionality	N	N/A	all phases	N/A	N/A	daily	N	prepost userid/passwd program pre_or_pos
recdsdy	Item Maintenance	Y	Reclass no	4	cremhierdy	prepost recdsdy post	daily	R	recdsdy userid/passwd process_mode
repladj	Replenishment	Y	Dept	3	rplatupd	rext	daily	R	repladj userid/passwd
					posupld				
					rplatupd				
					repladj				
					prepost ocioq pre				
rext	Replenishment	Y	Partition (Item)	3	ocioq	prepost rext post	daily	R	rext userid/passwd partition_position (May use the batch_rext.ksh for launching this program as it is created based on performance considerations)
					prepost rext pre				
rlmaint	Replenishment	Y	Location	3	storeadd	prepost rlmaint post	daily	R	rlmaint username/password
					rplatupd				
rplapprv	Replenishment	N	N/A	3	rplpit	N/A	daily	R	rplapprv userid/passwd
					supcnstr				
					prepost rplapprv pre				
rplatupd	Replenishment	Y	Location	3	prepost rplatupd pre	prepost rplatupd posi	daily	R	rplatupd userid/passwd
					ibcalc				
					rplext				
					critprss				
rpblld	Replenishment	Y	Supplier	3	vpblld	supcnstr	daily	R	rpblld username/password
					ibexpl				
					prepost rpl pre				
					rplatupd	prepost rplext post			
					critprss(If contracting is used,				
					otherwise run ...				
					rlmaint				
					repladj				
					ibcxpl				
rplext	Replenishment	Y	Dept	3	rext	rext	daily	R	rplext userid/passwd dept (May use the batch_rplext.ksh for launching this program as it is created based on performance considerations)
rplrg	Replenishment	N	N/A	ad hoc	critordb	ibcalc	daily	N	rplrg userid/passwd
rplrg_month	Replenishment	N	N/A	ad hoc	N/A	rpblld)	monthly	N	rplrg_month userid/passwd
rplsplit	Replenishment	Y	Supplier	3	supcnstr	rplapprv	daily	R	rplsplit userid/passwd
rpmovavg	Pricing	Y	Store	3	salstage	N/A	daily	R	rpmovavg userid/passwd business_date(YYYYMMDD) store(optiona
rvprg	RTV	N	N/A	ad hoc	N/A	N/A	monthly	N	rvprg userid/passwd
sacrypt	Sales Audit	Y	Store/Day	SA	sagetref	N/A	daily	N	sacrypt userid/passwd infle outfile key_file e/d (Encryption/Decryption indicato
					saexpim				Note: outfile generated by batch is infle for saimptlog.
saescheat	Sales Audit	N	N/A	SA	satotals	sapurge	monthly	R	saescheat userid/passwd
					satotals				
saexpach	Sales Audit	N	N/A	SA	satotals	N/A	daily	R	saexpach userid/passwd
					sapreexp				
saexpgl	Sales Audit	N	N/A	SA	satotals	N/A	daily	R	saexpgl userid/passwd
					sapreexp				
saexpim	Sales Audit	N	N/A	SA	sapreexp	N/A	daily	R	saexpim userid/passwd
saexpndw	Sales Audit	Y	Store	SA	saescheat	resa2rdw(perl script)	daily	R	saexpndw userid/passwd ; perl resa2rdw inputfile outputfile
					sapreexp				
saexprms	Sales Audit	Y	Store	SA	satotals	saprepost saexprms post	daily	R	saexprms userid/passwd
					sapreexp				
saexpuar	Sales Audit	N	N/A	SA	satotals	N/A	daily	R	saexpuar userid/passwd
					sapreexp				
sagetref	Sales Audit	N	N/A	SA	sastdyct	saimptlog	daily	R	sagetref userid/passwd itemfile wastefile ref_itemfile prim_variantfile varupfile storedayfile codesfile errorfile covall
saimpadj	Sales Audit	N	N/A	SA	saimptloglin	satotals	daily	R	storeposfile tendertypefile merchcodesfile partnerfile supplierfile employeefile bannerfile. (To prevent a file from being written, place a '-' in its place. Note: Item files must all be written together).
									saimpadj userid/passwd input_file rej_file

saimptlog	Sales Audit	Y	Store/Day	SA	sagetref	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 cccallfile storposfile tendertypefile merchcodefile partnerfile supplierfile employeefile bannerfile
saimptlogfin	Sales Audit	N	N/A	SA	saimptlog savouch salstage iflgldn1	satotals	daily	R	saimptlogfin userid/passwd store_day_file
salapnd	Stock Ledger	N	N/A	3	iflgldn2	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	N/A	half yearly	N	salmaint userid/passwd pre_or_post
salmth	Stock Ledger	Y	Dept	3	pre_dwi_extract.ksh(RMS to RDW RETL Extract)	prepost salmth post	monthly	R	salmth userid/passwd
salprg	Stock Ledger	N	N/A	ad hoc	N/A	N/A	daily	N	salprg userid/passwd
					salidy salapnd salweek dealfct rmmovavg iflgldn1 iflgldn2				
salstage	Stock Ledger	N	N/A	3	posupld salidy stkdy salapnd prepost salweek pre dealfct desalnc vendinvc vendinvf	salstage salweek dealfct rmmovavg iflgldn1 iflgldn2	daily	N	salstage userid/passwd
salweek	Stock Ledger	Y	Dept	3	SA audit process	salmth prepost salweek post (Before any SA export process	weekly	R	salweek userid/passwd
sapreexp	Sales Audit	N	N/A	SA	saprepost sapurge pre (This program should be run as the last program in the ReSA batch schedule)	N/A	daily	N	sapreexp userid/passwd saprepost userid/passwd program_pre_or_pos
sapurge	Sales Audit	Y	Store	SA	SA	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	SA	sarules	daily	R	sarules userid/passwd store_no
sastdyrc	Sales Audit	N	N/A	date_set	SA	SA	daily	R	sastdyrc userid/passwd [YYYYMMDD]
satotals	Sales Audit	N	N/A	SA	saimptlogfin	saimptlogfin	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	costidex.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
sitmain	Item Maintenance	N	N/A	ad hoc	icrbld	N/A	ad hoc	R	sitmain 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
stakupd	Stock Ledger	Y	Location	3	prepost stakup pre	prepost stakup post	daily	R	stakupd userid/passwd
stakupld	Stock Ledger	Y	Dept	1	lftskup	N/A	daily	R	stakupld userid/passwd input_file reject_fil
stkvar	Stock Ledger	Y	Dept	1	N/A	N/A	daily	R	stkvar userid/passwd [report_file_name
stksxpld	Stock Ledger	Y	Dept	3	stkschedxpld	stksxpld	daily	R	stksxpld userid/passwd
stlgnld	Stock Ledger	Y	Dept	4	N/A	N/A	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	txrposdn	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/password input_file reject_fil
vatdxpl	Maintenance - VAT	Y	Vat Region	0	N/A	prepost vatdxpl pos	daily	R	vatdxpl userid/passwd
					dealfact salstage(if daily) prepost vendinvc pre	prepost vendinvc post salweek(if weekly) salmth (if monthly)	daily	R	vendinvc userid/passwd
vendinvc	Deals	Y	Deal Id	3	prepost vendinvc pre	prepost vendinvc post salweek(if weekly) salmth (if monthly)	daily	R	vendinvc userid/passwd
vendinvf	Deals	Y	Deal Id	3	prepost vendinvc pre	prepost vendinvc post salweek(if weekly) salmth (if monthly)	daily	R	vendinvf userid/passwd
vrplbld	Replenishment	Y	Supplier	2	edupack	prepost vrplbld post	daily	R	vrplbld userid/passwd
					stksxpld stakupd	stksxpld stakupd	daily	R	stksxpld stakupd
wasteadj	Stock Ledger	Y	Store	3	N/A	N/A	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	recsldly(RMS)	NewItemLocBatch	daily/ad hoc	N	ItemReclassBatch.sh rpm-app-userid password
NewItemLocBatch	Future Retail	N	N/A	N/A	storeadd(RMS), ItemReclassBatch	LocationMoveBatch	daily/ad hoc	N	NewItemLocBatch.sh rpm-app-userid password [status [error-commit-count]
LocationMoveBatch	Zone Structure/Future Retail	Y	Location move	N/A	NewItemLocBatch	PriceEventExecutionBatch	daily	N	locationMoveBatch.sh rpm-app-userid password
PriceEventExecutionBatch	Price Change/Clearance/Promotion	Y	Pricing event	N/A	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	PriceEventExecutionBatch	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/passwd@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/passwd@sid> <Number of slots> <logpath> <error path> <Export path>
RegularPriceChangePublishBatch	Regular Price Changes	Y	Price event (item/loc)	N/A	WorksheetAutoApproveBatch	RegularPriceChangePublishExport	daily/ad hoc	N	regularPriceChangePublishBatch.sh rpm-app-userid password
regularPriceChangePublishExport	Regular Price Changes	N	Price event (item/loc)	N/A	RegularPriceChangePublishBatch		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
AutoMatch	Invoice Matching (ReIM)	Y	N/A	6	TermsRankingService	ReasonCodeActionRollup	daily	R	AutoMatch userid/password
BatchPurge	Invoice Matching (ReIM)	N	N/A	0	N/A	ResolutionPosting	daily	R	BatchPurge userid/password
ComplexDealUpload	Invoice Matching (ReIM)	Y	N/A	5	vendinvrc(RMS), vendinvtr(RMS)	AutoMatch	daily	R	ComplexDealUpload userid/passwd BlockSize PartitionNo
DiscrepancyPurge	Invoice Matching (ReIM)	N	N/A	1	N/A	N/A	daily	R	DiscrepancyPurge userid/password
DisputedCreditMemoRollup	Invoice Matching (ReIM)	N	N/A	6	ReasonCodeActionRollup	ResolutionPosting	daily	R	DisputedCreditMemoRollup userid/passwd
EdiInvoiceUpload	Invoice Matching (ReIM)	Y	N/A	5	edidinvtr(RMS)	AutoMatch	daily	R	EdiInvoiceUpload userid/passwd "EDI input file with path" "EDI reject file with path"
EdiInvoiceDownload	Invoice Matching (ReIM)	N	N/A	7	ResolutionPosting	N/A	daily	R	EdiInvoiceDownload userid/passwd
FixedDealUpload	Invoice Matching (ReIM)	Y	N/A	5	vendinvrc(RMS), vendinvtr(RMS)	AutoMatch	daily	R	FixedDealUpload userid/passwd BlockSize PartitionNo
ReasonCodeActionRollup	Invoice Matching (ReIM)	N	N/A	6	AutoMatch	DisputedCreditMemoRollup	daily	R	ReasonCodeActionRollup userid/passwd
ReceiptWriteoff	Invoice Matching (ReIM)	N	N/A	6	AutoMatch	N/A	daily	R	ReceiptWriteoff userid/passwd
ReceiverAdjustment	Invoice Matching (ReIM)	N	N/A	1	EdiInvoiceUpload	ReasonCodeActionRollup	daily	R	ReceiverAdjustment userid/passwd
ResolutionPosting	Invoice Matching (ReIM)	N	N/A	6	ReasonCodeActionRollup,	ResolutionPosting	daily	R	ResolutionPosting userid/passwd
TermsRankingService	Invoice Matching (ReIM)	N	N/A	6	DisputedCreditMemoRollup	N/A	monthly	R	TermsRankingService userid/passwd
					N/A	AutoMatch			

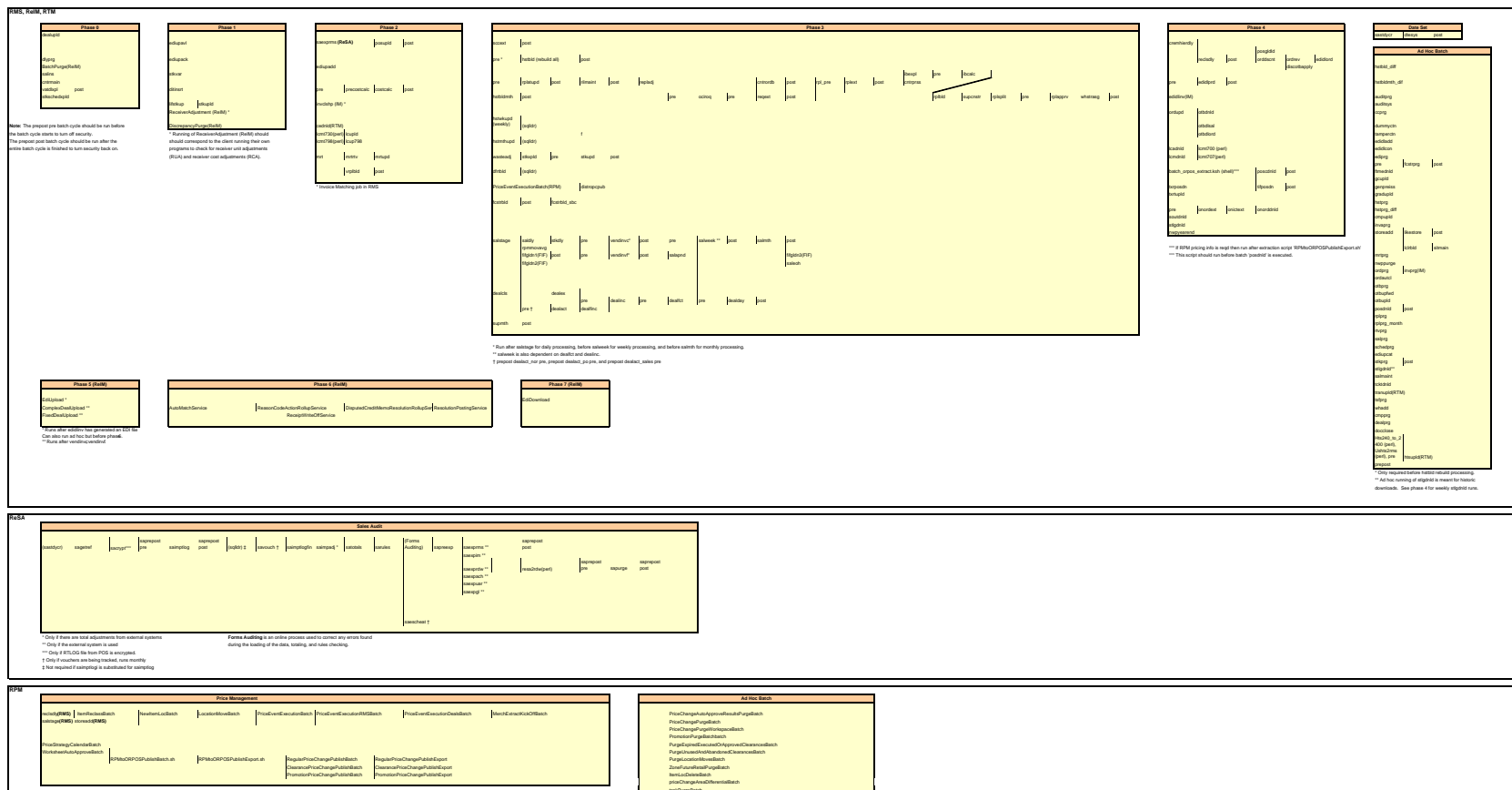
RMS to RPAS RETL Extracts Dependency and Scheduling Details (EXTRACTS FOR RPAS)									
Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
pre_rmse_rpas.ksh	Planning/Forecast System Interface	N	N/A	N/A	N/A: This 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
					sltimain				
					recsldly				
rmse_rpas_item_master.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
					dytprg				
					recsldly				
rmse_rpas_merchhier.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
					dytprg				
rmse_rpas_orghier.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
					stkldy				
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				
					dytprg				
rmse_rpas_store.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_suppliers.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
					hstwkupd				
					salweek				
rmse_rpas_weekly_sales.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
					whadd				
					dytprg				
rmse_rpas_wh.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmsl_rpas_forecast.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
					After all RMS/Planning System Integration				
rmsl_rpas_update_retl_date.ksh	Planning/Forecast System Interface	N	N/A	N/A	RETL scripts are run	Refer to RPAS Operations guide	daily	N	rmsl_rpas_update_retl_date.ksh CLOSED_ORDER or RECEIVED_QTY

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

Dimension source:

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
cdcdlrex.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
cmpttrtmex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
cmpttrloex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
cmoycdex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
emplyrex.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), dlyprg (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), dlyprg (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), dlyprg (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), dlyprg (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), dlyprg (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), dlyprg (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), dlyprg (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), dlyprg (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), dlyprg (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), dlyprg (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), recsldly (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdcmpex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
prddepx.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recsldly (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), recsldly (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), recsldly (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prcdtypex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recsldly (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdgprpx.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recsldly (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdislex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
prdtimex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recsldly (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdtimlex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recsldly (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdtimlmex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recsldly (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdtimlmex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
prdtimsmex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
prdpimex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recsldly (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdsboex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recsldly (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prduiaex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdly (RMS), recsldly (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
regngpx.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
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
lndtypex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
tltypex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A

Integrated Merchandising Batch Schedule



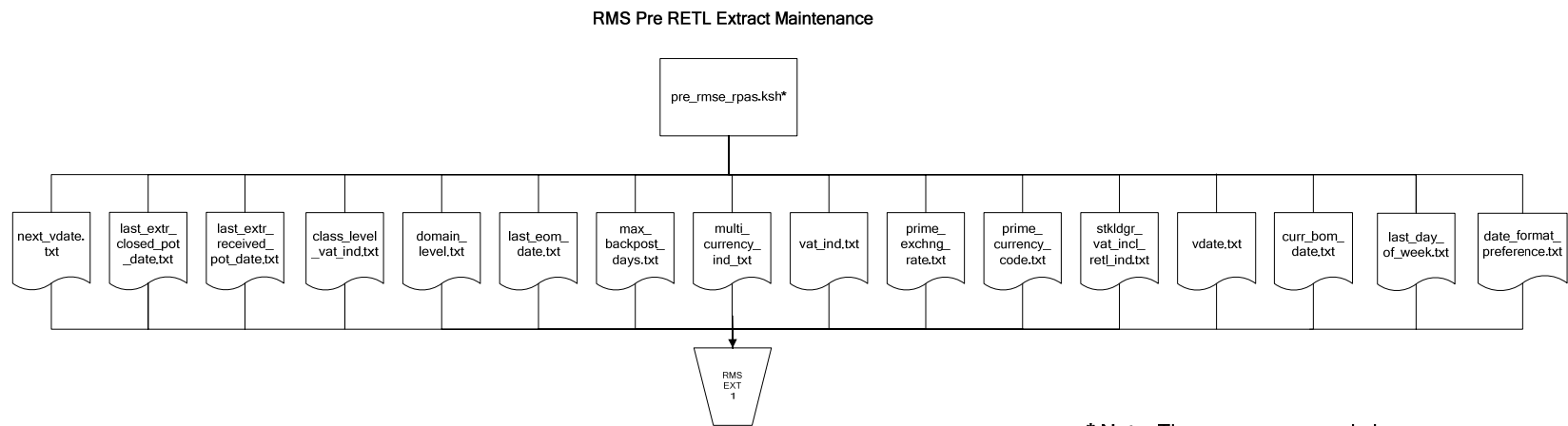
Interface Diagrams for RMS and RPAS

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.

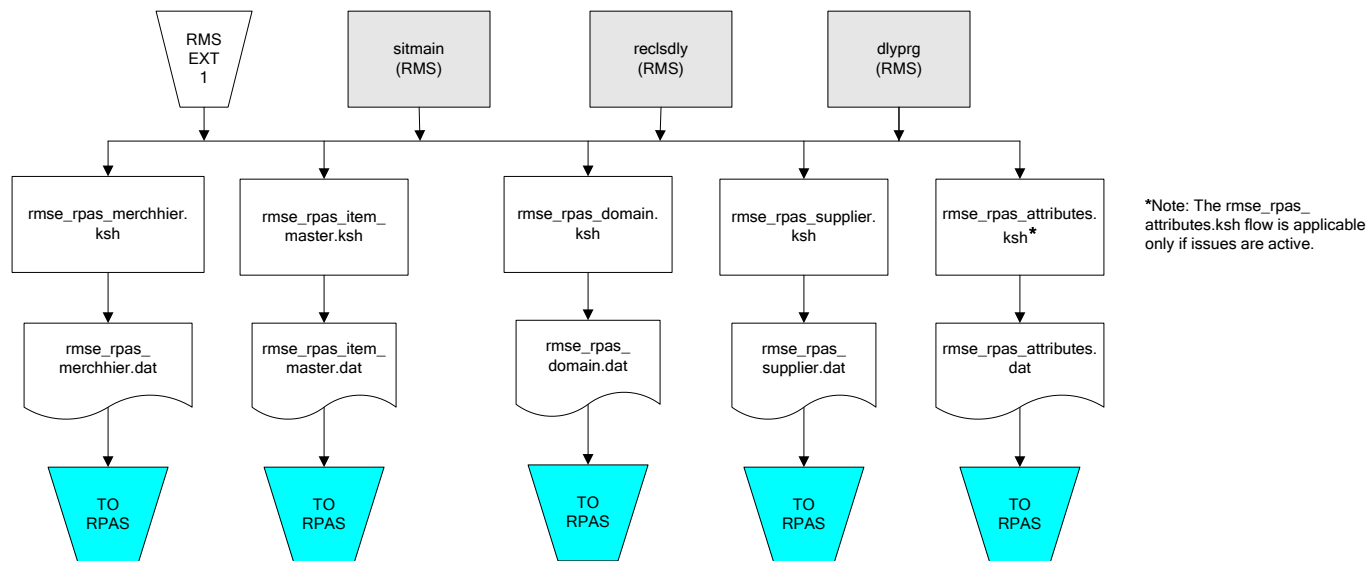
RMS Pre/Post Extract Diagrams



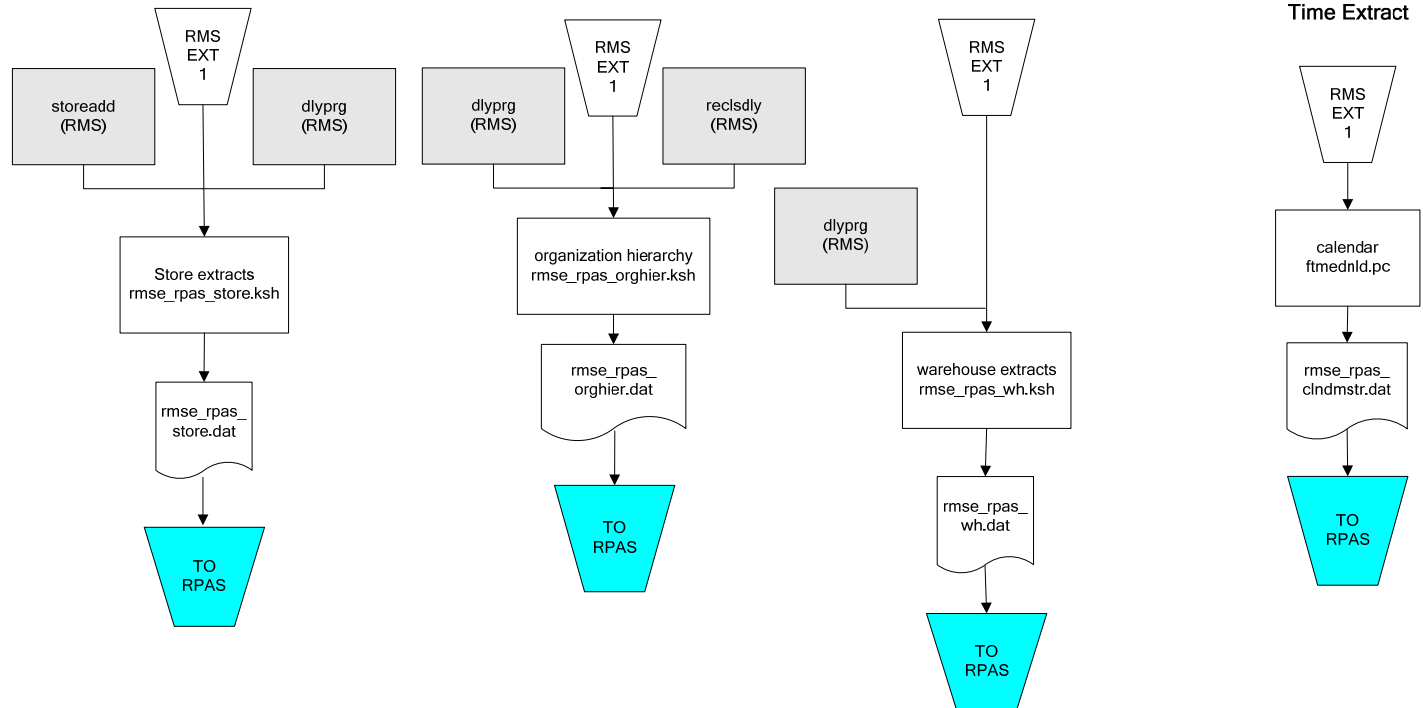
*** Note:** The `pre_rmse_rpas.ksh` program checks for existing .txt output files. Because of this validation, retailers running the program for the first time should include an optional `-c` parameter. This parameter allows the program to run successfully without pre-existing .txt output files.

RMS Foundation Data Extract Diagrams

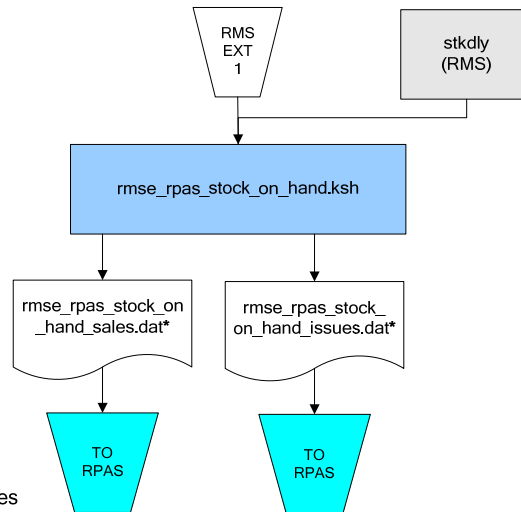
Merchandise Hierarchy for RPAS



Organization Hierarchy for RPAS



RMS Fact Data Extract Diagrams

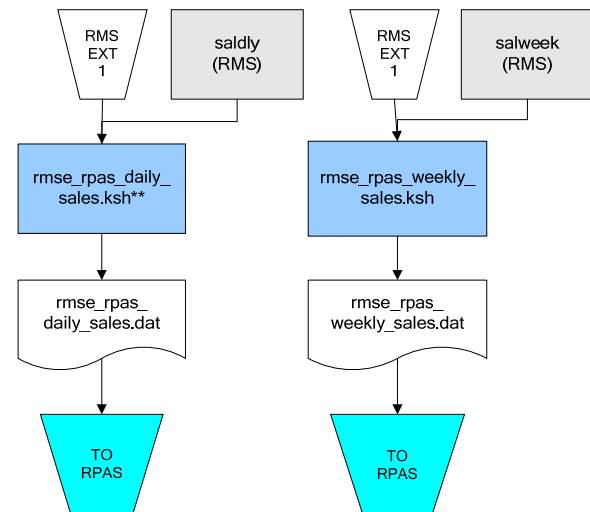


* Note:

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

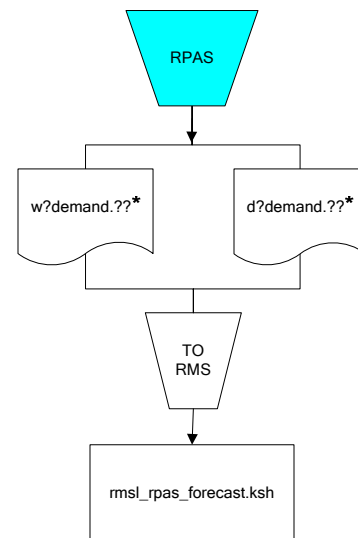
Sales Extracts For RPAS



** 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

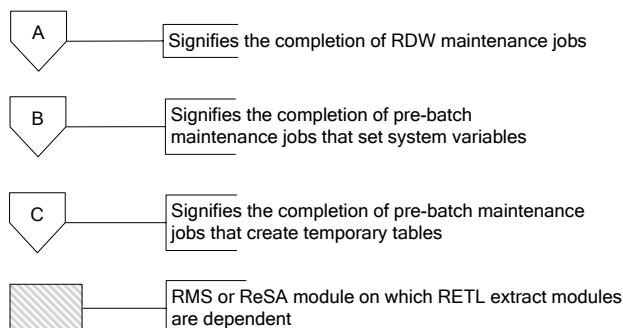
RMS works in conjunction with the Oracle Retail Extract Transform and Load (RETL) framework. RETL provides high-performance processing to extract data from Oracle Retail applications for use in data warehouses. The architecture allows database batch processes to take advantage of parallel processing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

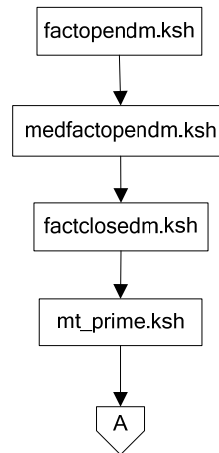
Legend



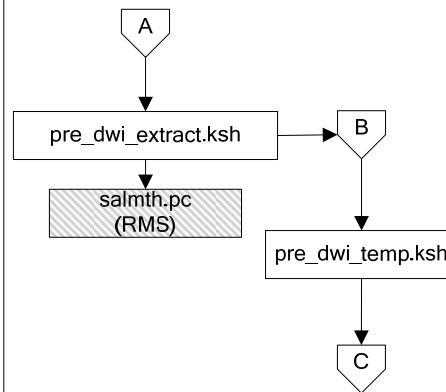
RDW Maintenance

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.



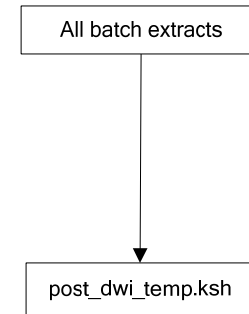
Pre-Batch Maintenance



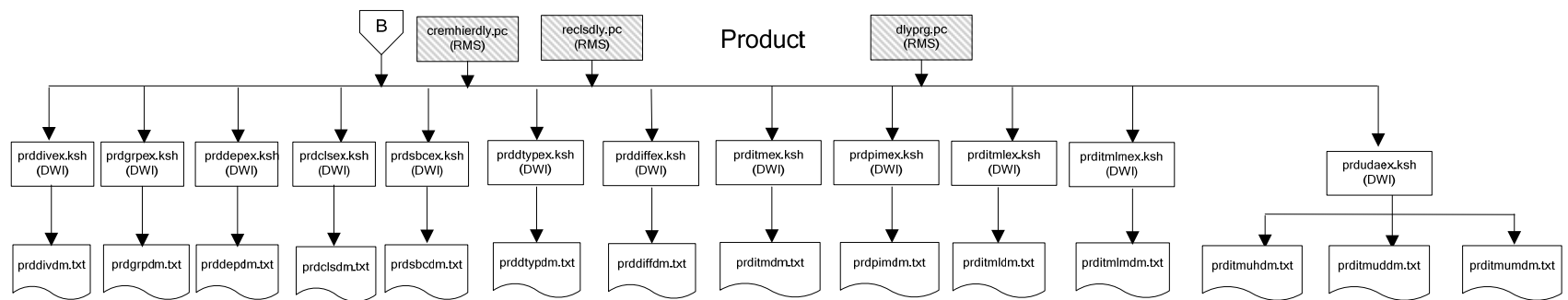
Note:

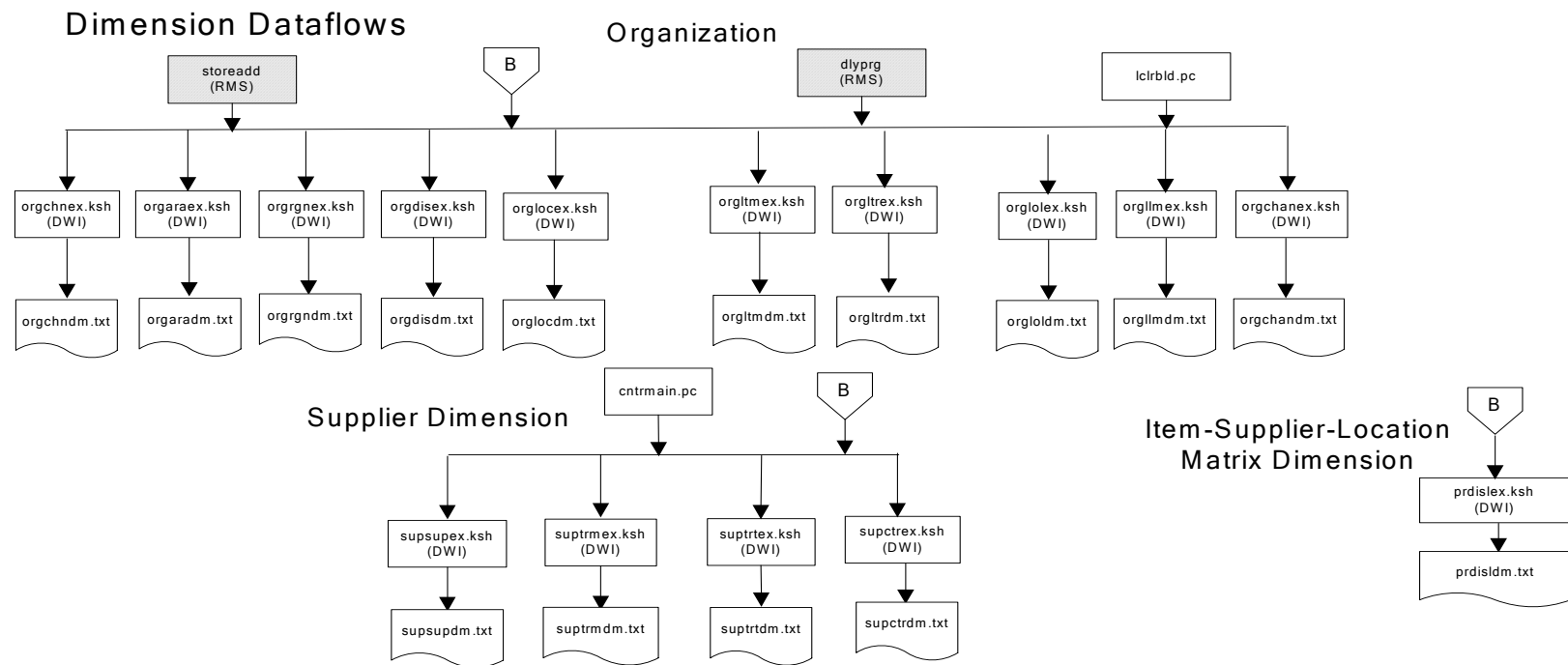
salmth.pc resets the last eom_date. Thus, it must be run after the system indicator is extracted by pre_dwi_extract.ksh.

Post-Batch Maintenance

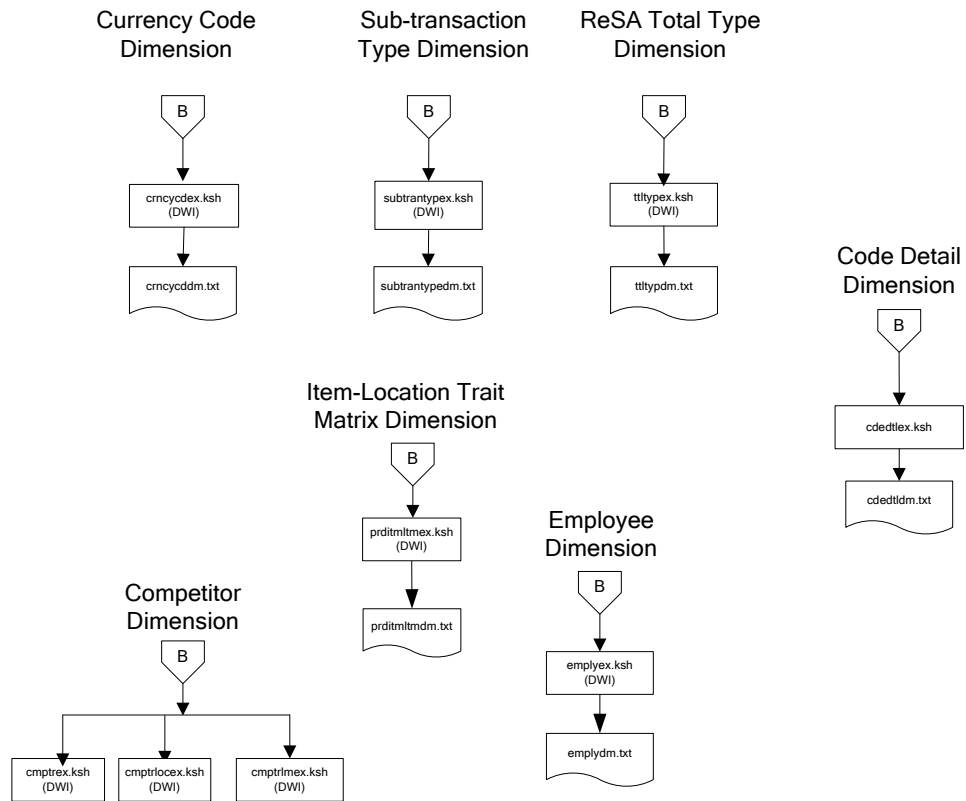


Dimension Dataflows



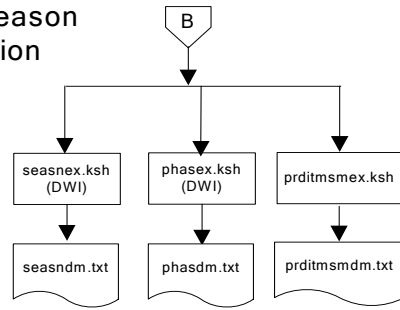


Dimension Dataflows

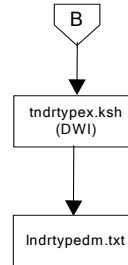


Dimension Dataflows

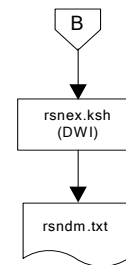
Product Season Dimension



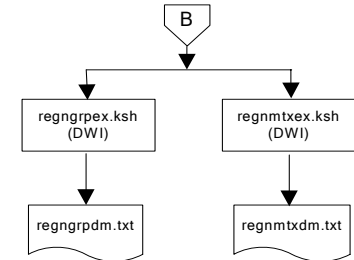
Tender Type Dimension



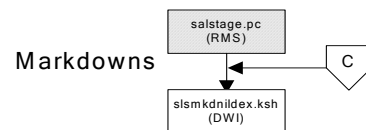
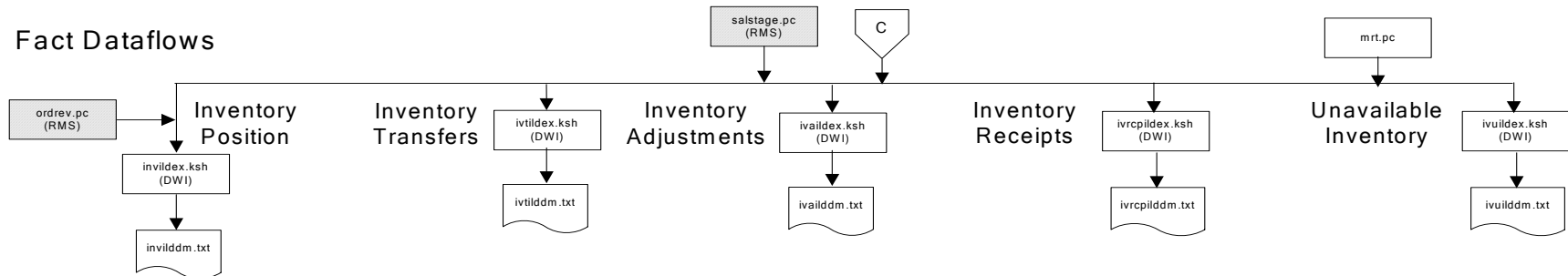
Reason Dimension



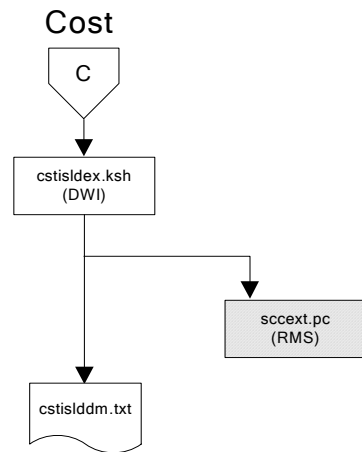
Regionality Dimension



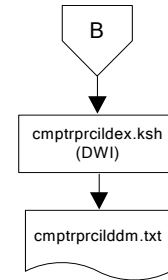
Fact Dataflows



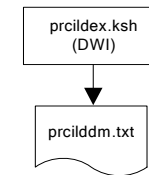
Fact Dataflows



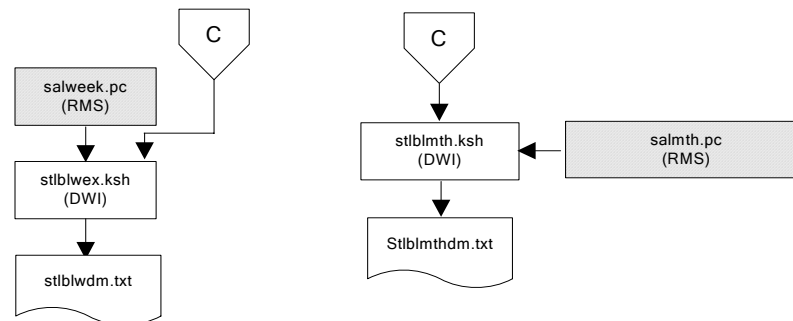
Competitor Pricing



RPM Pricing



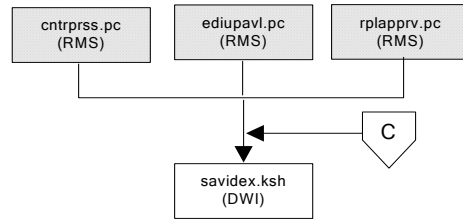
Stock Ledger



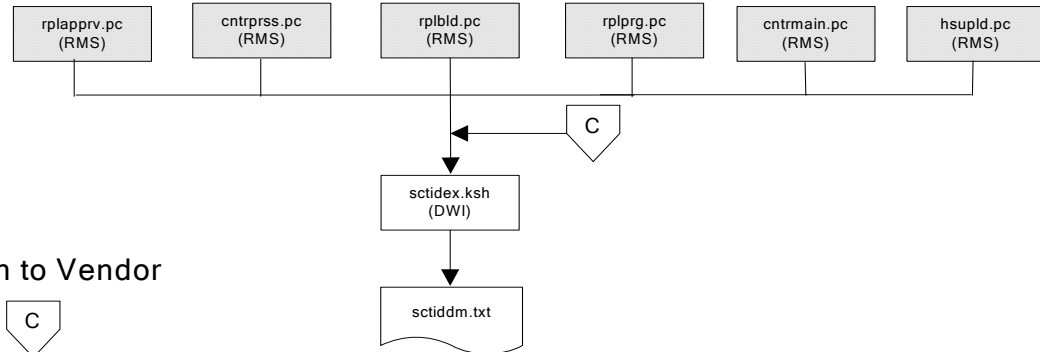
Note:
Run stock ledger fact loads once weekly.

Fact Dataflows

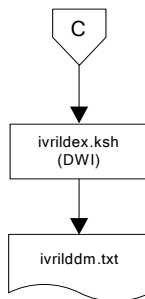
Supplier Availability



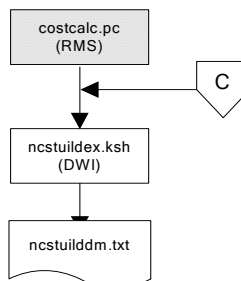
Supplier Contract



Return to Vendor

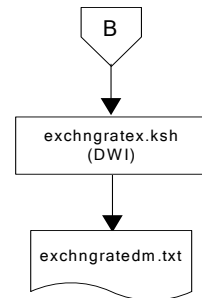


Net Cost

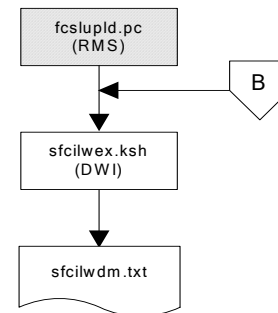


Fact Dataflows

Exchange Rates

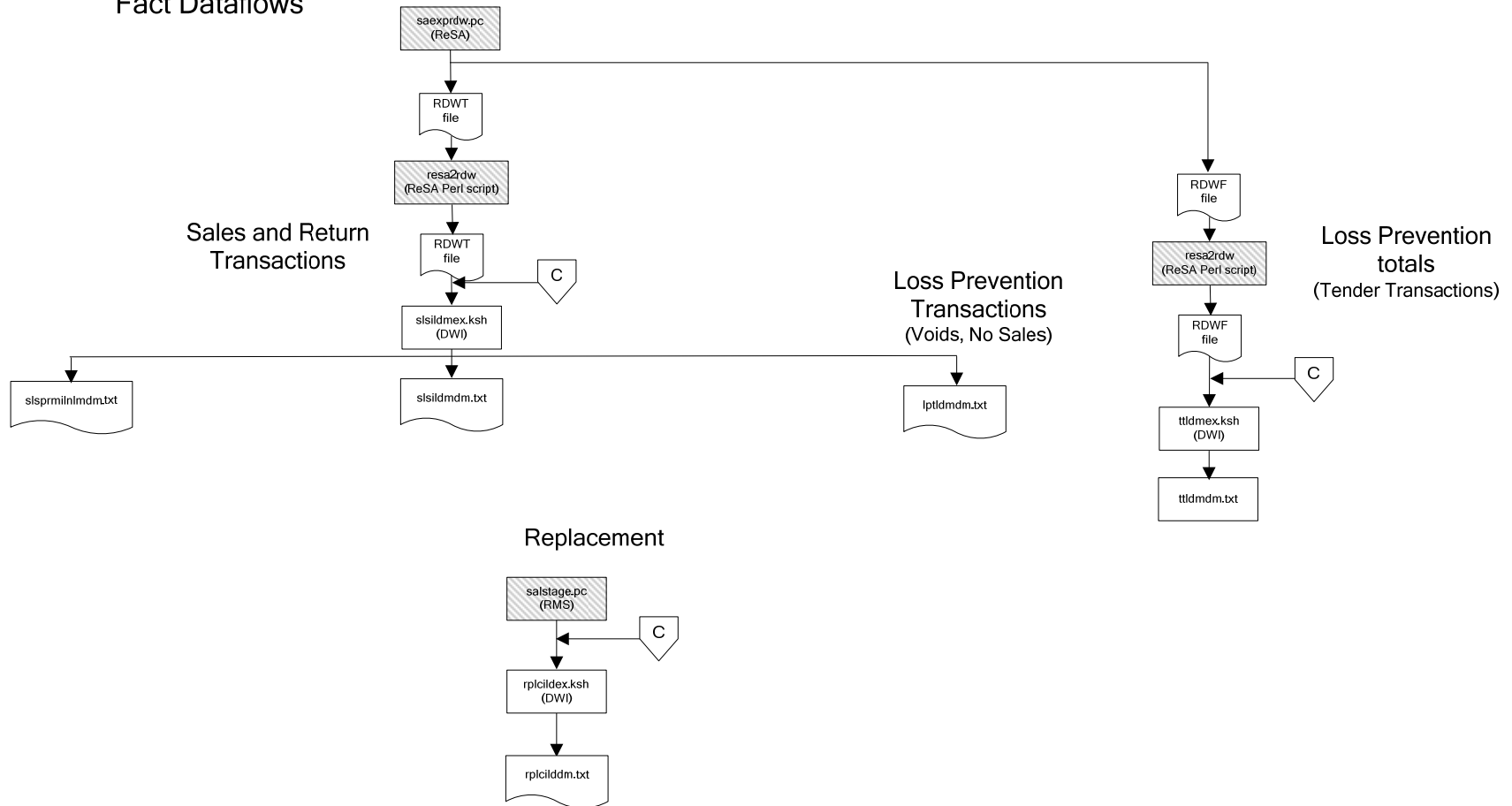


Sales Forecasts

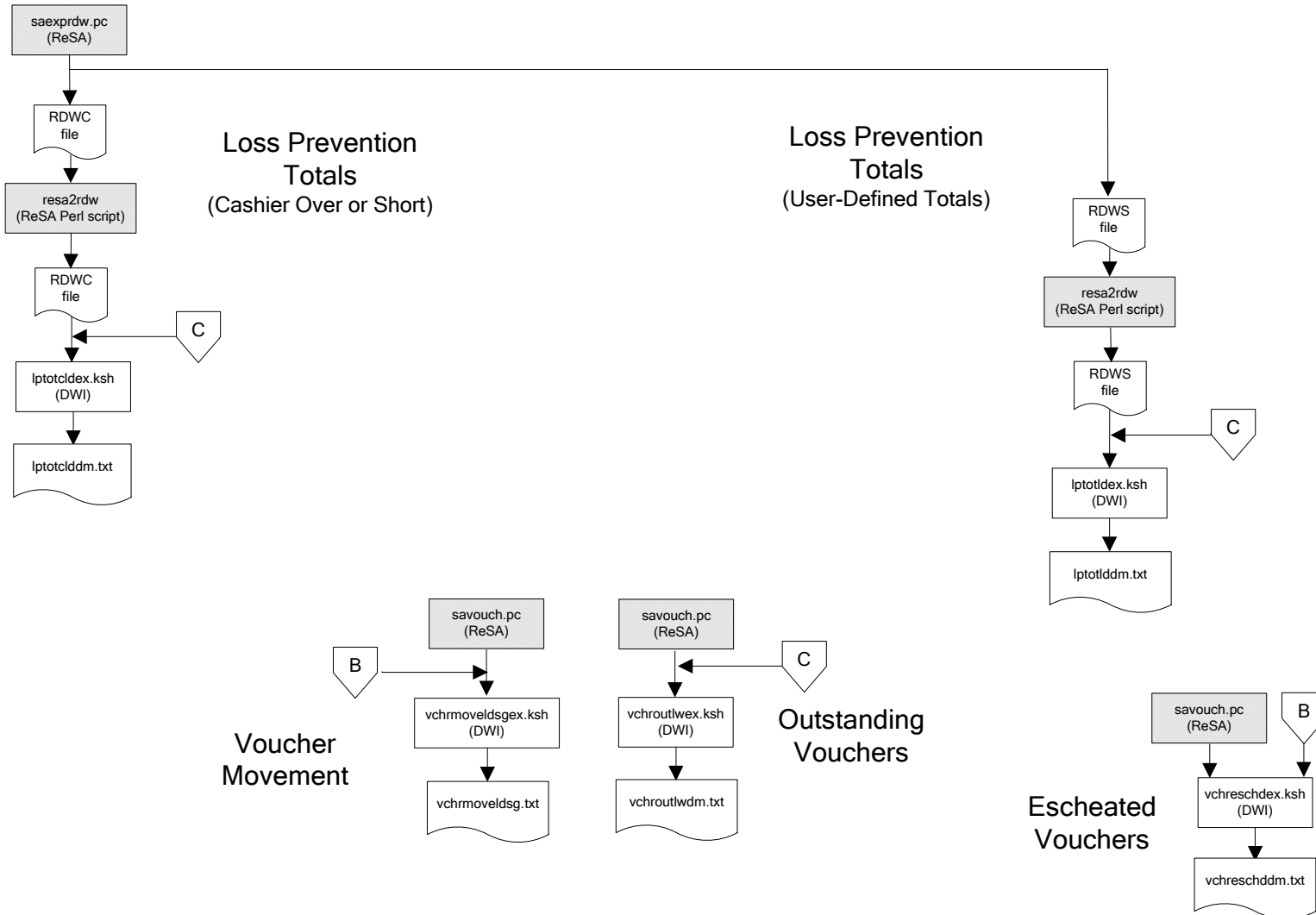


Note:
Run sales forecast fact loads
once weekly.

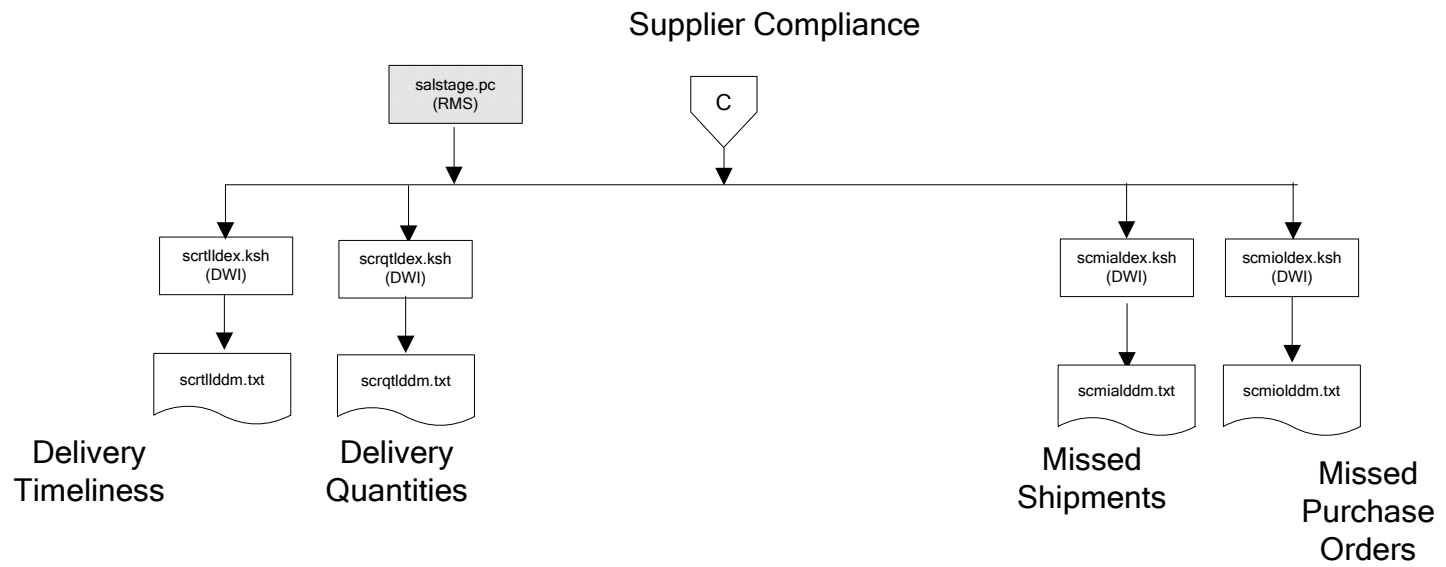
Fact Dataflows



Fact Dataflows



Fact Dataflows



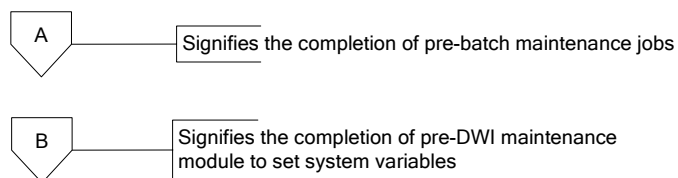
Interface Diagram for RPM and RDW

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

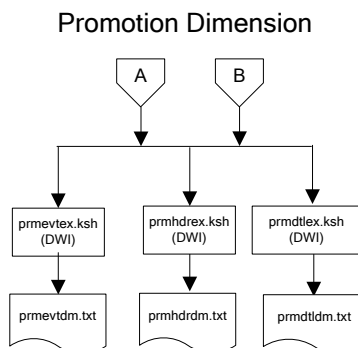
For detailed information about dimensions and facts, see the Retail Data Warehouse Operations Guide.

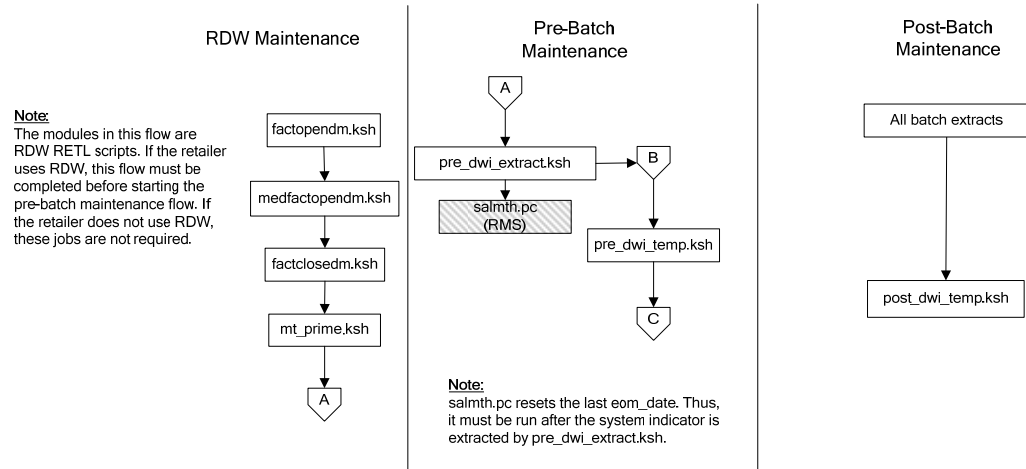
See the Retail Merchandising System Operations Guide Volume 1 – Batch Overviews and Designs for more information about the modules shown in the following diagram.

Legend



Program Flow Diagram





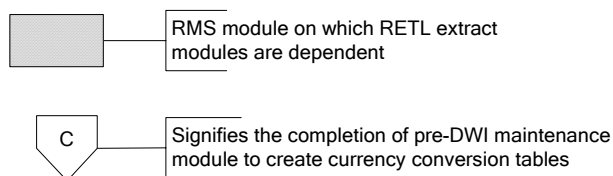
Interface Diagram for ReIM and RDW

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

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

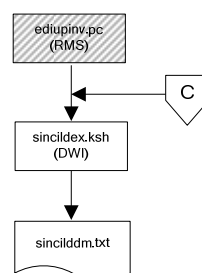
See the Retail Merchandising System Operations Guide Volume 1 – Batch Overviews and Designs for more information about the modules shown in the following diagram.

Legend



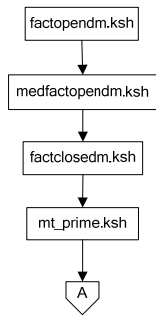
Program Flow Diagram

Supplier Invoice Cost

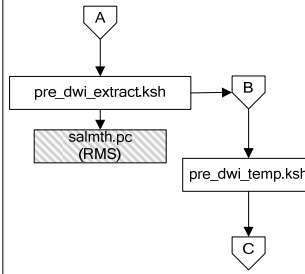


Note:
The modules in this flow are RDW RETL scripts. If the retailer uses RDW, this flow must be completed before starting the pre-batch maintenance flow. If the retailer does not use RDW, these jobs are not required.

RDW Maintenance



Pre-Batch Maintenance



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

Post-Batch Maintenance

