

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 Data Warehouse Operations Guide*
- *Oracle Retail Invoice Matching Operations Guide*
- *Oracle Retail Merchandising System Operations Guide*
- *Oracle Retail Price Management Operations Guide*

Customer Support

To contact Oracle Customer Support, access My Oracle Support at the following URL:
<https://metalink.oracle.com>

When contacting Customer Support, please provide the following:

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

Review Patch Documentation

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

Oracle Retail Documentation on the Oracle Technology Network

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

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

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

Conventions

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

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 Oracle 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.
- Chapter 8 shows the RETL data flows for the extracts from RMS to Oracle Retail Advanced Inventory Planning (AIP).

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.

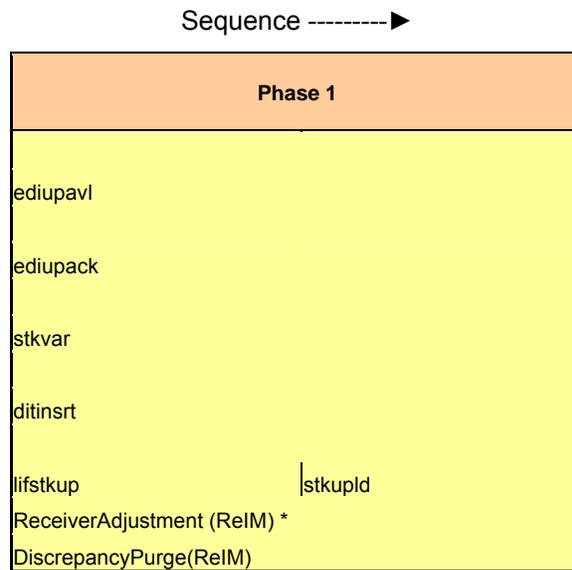
Each phase must be completed before the next phase can begin. Also, a phase may contain programs that depend on other programs within the phase. Programs within each phase may need to run in a particular sequence.

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

ociroq	cntrordb 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, preprocessing is required before running the ociroq program.

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

In the following example, preprocessing 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 sccest program.

sccest	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 *Oracle 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	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_alloctfupd.ksh	Cost Component Updates	Y	Allocation and Transfer	2	batch_compeffupd.ksh	If none of the Cost Component Updates batch are to be run then, prepost batch_custoampupd post.	daily	N	batch_alloctfupd.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_compeffupd.ksh	Cost Component Updates	N	NA	2	NA	If none of the Cost Component Updates batch are to be run then, prepost batch_custoampupd post.	daily	N	batch_compeffupd.ksh <-connect>	
batch_despchrgupd.ksh	Cost Component Updates	N	N/A	2	batch_compeffupd.ksh	If none of the Cost Component Updates batch are to be run then, prepost batch_custoampupd post.	daily	N	batch_despchrgupd.ksh <-connect>	
batch_exproffupd.ksh	Cost Component Updates	N	N/A	2	batch_compeffupd.ksh	If none of the Cost Component Updates batch are to be run then, prepost batch_custoampupd post.	daily	N	batch_exproffupd.ksh <-connect>	
batch_jlmcostcompupd.ksh	Cost Component Updates	N	Location, Supplier	2	batch_compeffupd.ksh	If none of the Cost Component Updates batch are to be run then, prepost batch_custoampupd post.	daily	N	batch_jlmcostcompupd.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	batch_compeffupd.ksh, prepost batch_ordcostcompupd pre	prepost batch_custoampupd post	daily	N	batch_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	prepost posctrnd post	posctrnd (only if generic POS extract is used) prepost posctrnd post	daily	N	batch_orpos_extract.ksh user/passwd [-p <no. of threads>] [DIR - location where extracts are to be generated]	
ccprg	Costing	N	N/A	ad hoc	RPMtoORPOSPublishExport.sh	prepost posctrnd post	monthly	N	ccprg user/passwd	
cednid	Trade Management	Y	Broker	2	N/A	N/A	daily	R	cednid user/passwd broker_file_name	
cmprg	Pricing	N	N/A	ad hoc	N/A	N/A	daily	N	cmprg user/passwd	
cmprupld	Pricing	N	N/A	ad hoc	N/A	All RPM batch modules	ad hoc	R	cmprupld user/passwd input_file reject_file	
cnrmain	Contracting	N	N/A	0	N/A	All Replenishment modules	daily	R	cnrmain user/passwd	
cnrordb	Contracting	Y	Contract	3	rpladl	prepost cnrordb post	daily	R	cnrordb user/passwd	
cnrpos	Contracting	Y	Dept	3	rplact	prepost cnrpos post	daily	R	cnrpos user/passwd	
costeventprg.pc	Real Time Costing	Y	Event Type	0	N/A	N/A	daily	R	costeventprg user/passwd	
cremhierdy	Reclassification	N	N/A	4	N/A	recsldy	daily	R	cremhierdy user/passwd	
deact	Deals	Y	Deal Id	3	prepost deactact_pre	N/A	daily	R	deact user/passwd	
deactdc	Deals	N	N/A	3	N/A	prepost deactact_pre	daily	R	deactdc user/passwd	
deactday	Deals	Y	Location	3	deactinc	prepost deactday post	monthly	R	deactday user/passwd	
deactct	Deals	Y	Deal Id	3	deactinc	salmtm	daily	R	deactct user/passwd [Y/N - EOM processing ind]	
deactfnc	Deals	Y	Deal Id	3	deactact	deactct	weekly/ad hoc	R	deactfnc user/passwd	
deactinc	Deals	Y	Deal Id	3	prepost deactinc pre	salmtm (if monthly)	monthly	R	deactinc user/passwd [Y/N - EOM processing ind]	
deactprg	Deals	N	N/A	ad hoc	N/A	(All other deals programs)	monthly	R	deactprg user/passwd	
deactupld	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)	(SQL*Load the output file)	daily	R	deactupld user/passwd input_file reject_file	
dftmbd	Item Maintenance	Y	Dept	3	OTB	OTB	daily	R	dftmbd user/passwd outfile	
discotbaply	OTB	Y	Dept	4	Store	PriceEventExecutionBatch(RPM)	daily	R	discotbaply user/passwd	
distrocpub	Pricing/Transfers/Allocation Publish	Y	Store	3	PriceEventExecutionBatch(RPM)	N/A	daily	R	distrocpub user/passwd Partner or Supplier. P or S = program is either run for deals set up by supplier/partner is selected by appropriate calling script and passed into program. Note: (May use the batch_dtsinrt.ksh for launching this program as it is created based on performance considerations)	
dtsinrt	Deals	N	N/A	1	N/A	ordscnt	daily	R	dtsinrt user/passwd	
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	
dresys	Calendar	N	N/A	date_set	(This program should run at the end of the batch cycle)	prepost dresys post	daily	N	dresys user/passwd [date-YYYYMMDD format]	
dumymcn	Receiving	N	N/A	ad hoc	N/A	N/A	daily	N	dumymcn user/passwd	
edidadd	Maintenance	N	N/A	ad hoc	N/A	N/A	ad hoc	N	edidadd user/passwd edidadd_output edidadd_catalog	
edidcon	Contracting	N	N/A	ad hoc	N/A	N/A	ad hoc	N	edidcon user/passwd edidcon_outfile	
edidflv	Invoice Matching	Y	Location	4	N/A	ordrev	daily	R	edidflv user/passwd output_filename	
edidlord	Ordering	N	N/A	4	(and after replenishment)	N/A	ad hoc	R	edidlord user/passwd filename	
edidprd	EDI Interface - Sales and Inventory	N	N/A	4	prepost edidprd pre	prepost edidprd post	daily	R	edidprd user/passwd filename	
ediprg	EDI Interface - Purge	N	N/A	ad hoc	(Towards the end of the batch cycle)	N/A	monthly	R	ediprg user/passwd	
edupadd	Maintenance	N	File-based	2	N/A	N/A	daily	N	edupadd user/passwd input_file reject_file	
edupack	EDI Interface - ordering	N	N/A	1	N/A	N/A	ad hoc	R	edupack user/passwd data_file reject_file	
edupaw	EDI Interface - Contracts	N	File-based	1	N/A	N/A	daily	R	edupaw user/passwd input_file reject_file	
edupact	EDI Interface - Suppliers	N	File-based	1	N/A	N/A	daily	R	edupact user/passwd edi_data_file error_file	
elcexcpgr	Cost Component Updates	N	N/A	2	N/A	N/A	ad hoc	N	elcexcpgr user/passwd	
fcxexc	Real Time Costing	Y	Cost Event Process Id	2	fcsthreadexec	N/A	daily/ad hoc	N	fcxexc user/passwd	
fcsthreadexec	Real Time Costing	Y	Cost Event Process Id	2	batch_jlmcostcompupd.ksh	N/A	daily/ad hoc	N	fcsthreadexec user/passwd	
fcstrprg	Forecasting	Y	Domain Id	ad hoc	prepost fcstrprg pre	prepost fcstrprg post	daily	N	fcstrprg user/passwd domain	
fcstrtbl	Forecasting	Y	Domain Id	3	N/A	prepost fcstrtbl post	weekly	R	fcstrtbl user/passwd	
fcstrtbl_sbc	Forecasting	Y	Domain Id	3	prepost fcstrtbl post	salstage	weekly	R	fcstrtbl_sbc user/passwd	
ffigldn1	Financial Interface	Y	Dept	3	salstage	prepost ffigldn1 post	salapnd	daily	R	ffigldn1 user/passwd
ffigldn2	Financial Interface	Y	Dept	3	salstage	salapnd	daily	R	ffigldn2 user/passwd	
ffigldn3	Financial Interface	Y	Store/Wh	3	salmtm	salapnd	monthly	R	ffigldn3 user/passwd	
ffresndid	Planning System Interface	N	N/A	ad hoc	N/A	N/A	ad hoc	R	ffresndid user/passwd	
gcupld	Misc Interface - Taxgeocode	N	N/A	ad hoc	N/A	N/A	ad hoc	R	gcupld -username/password@environment> <infile> <outfile>	
genpress	Ordering	Y	Supplier	ad hoc	N/A	N/A	ad hoc	R	genpress user/passwd	
gradupld	Forecasting	N	File-based	ad hoc	N/A	N/A	ad hoc	R	gradupld user/passwd input_file rej_file	
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	prepost hstbid post	daily	R	hstbid_diff user/passwd	
hstbidmth	Sales	Y	Dept	3	postupld	prepost hstbidmth post	monthly	R	hstbidmth user/passwd level/monthly/rebuild	
hstbidmth_diff	Sales	N	N/A	ad hoc	N/A	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)	
hstrprg	Sales	N	N/A	ad hoc	N/A	N/A	monthly	N	hstrprg user/passwd	
hstrprg_diff	Sales	N	N/A	ad hoc	N/A	N/A	weekly	N	hstrprg_diff user/passwd	
hstwkupd	Sales	Y	Store/Wh	3	N/A	Run SQL*Loader using the control file hstwkupd.ctl to load data from the output file written by HSTWKUPD.PC for non-existent records on ITEM_LOC_HIST	weekly	R	hstwkupd user/passwd (out_file)	

htsupld	Trade Management	Y	File-based	ad hoc	Hts240_to_2400 (perl script) Ushs2rms (perl script) prepost htsupld pre	N/A	ad hoc	R	htsupld 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	replex	rpblid	daily	R	ibcalc user/passwd	
ibexpl	Investment Buy	N	N/A	3	rplex	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	
invrg	Invoice Matching	N	N/A	ad hoc	onbrng	N/A	monthly	R	invrg user/passwd	
icadnid	Letter of Credit	N	N/A	4	N/A	lcm700 (perl script)	daily	R	icadnid user/passwd output_file	
icridid	Maintenance - Location	N	N/A	ad hoc	storeadd	N/A	monthly	R	icridid user/passwd	
lcmnid	Letter of Credit	N	N/A	4	N/A	lcm707 (perl script)	daily	R	lcmnid 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)	stklupld	daily	N	lftskup user/passwd input_file output_file	
likestore	Maintenance - Location	Y	Dept	ad hoc	storeadd	prepost likestore post	daily	R	likestore user/passwd	
mrt	Mass Return Transfers	Y	Warehouse	2	N/A	mrttrv	daily	R	mrt user/passwd	
mrtprg	Mass Return Transfers	Y	Warehouse	ad hoc	N/A	mrtupd	ad hoc	R	mrtprg user/passwd	
mrttrv	Mass Return Transfers	Y	Warehouse	2	mrt		daily	R	mrttrv user/passwd	
mrtupd	Mass Return Transfers	Y	Warehouse	2	mrttrv	N/A	daily	R	mrtupd user/passwd	
nwppurge	Stock Ledger	N	N/A	ad hoc	N/A	N/A	ad hoc	N	nwppurge user/passwd	
nwpyearend	Stock Count	Y	Location	4	run on last day of year prepost ocioq pre	N/A	yearly	R	nwpyearend user/passwd	
ocioq	Replenishment	N	N/A	3	repladj	N/A	daily	R	ocioq user/passwd	
onictext	Planning System Interface	Y	Transfer	4	onordext	onordnid	weekly	R	onictext user/passwd datefile	
onordnid	Planning System Interface	Y	Store/Wh	4	onordext	onordnid	daily	R	onordnid user/passwd	
onordext	Planning System Interface	Y	Order	4	prepost onordext pre	onictext	daily	R	onordext user/passwd datefile	
ordautcl	Ordering	N	N/A	ad hoc	N/A	N/A	daily	N	ordautcl user/passwd	
ordscnt	Deals	Y	Supplier	4	disinsrt scoact	discoctbapply	dealcls	daily	R	ordscnt user/passwd
ordinvupld	Inventory Adjustments	Y	File-based	2	saordinvexp	N/A	daily	R	ordinvupld user/passwd input_file reject_file lock_file	
ordng	Ordering	N	N/A	ad hoc	N/A	invrg	monthly	N	ordng user/passwd	
ordrv	Ordering	N	N/A	4	ordscnt scoact	edordnd otbdnid	daily	R	ordrv user/passwd	
ordrpd	Ordering	N	N/A	4	(After RPM pricing change extraction)	otbdnid	daily	N	ordrpd user/passwd	
otbdlord	OTB	N	N/A	4	batch)	otbdlord	daily	R	otbdlord user/passwd output_file	
otbdisal	OTB	N	N/A	4	ordrpd	N/A	daily	R	otbdisal user/passwd output_file	
otbdnid	OTB	N	N/A	4	ordrpd	N/A	daily	R	otbdnid user/passwd output_file	
otbprg	OTB	N	N/A	ad hoc	N/A	N/A	monthly	N	otbprg user/passwd	
otbupwd	OTB	Y	File-based	ad hoc	N/A	N/A	daily	R	otbupwd user/passwd input_file reject_file	
otbdnid	OTB	Y	File-based	ad hoc	N/A	N/A	daily	R	otbdnid user/passwd input_file reject_file	
poscnid	Point of Sale Interface	N	N/A	4	poscnid	prepost poscnid post	daily	R	poscnid user/passwd outputfile	
posdnid	Point of Sale Interface	Y	Store	ad hoc	N/A	prepost posdnid post	daily	R	posdnid user/passwd output_file	
posgddid	Point of Sale Interface	N	N/A	4	reclsdly	N/A	daily	R	posgddid user/passwd output_file	
posrefresh	Inventory	N	N/A	ad hoc	N/A	N/A	ad hoc	R	posrefresh user/passwd output_file store	
possplit	Sales	Y	File-based	2	saexprms(ReSA)	prepost posupld post	daily	R	possplit user/passwd mfile rejfile itemfile lockfile	
prepost	Pre/post functionality	N	N/A	all phases	N/A	N/A	daily	N	prepost user/passwd program pre_or_post	
reclsdly	Item Maintenance	Y	Reclass no	4	cremhierdly	prepost reclsdly post request	daily	R	reclsdly user/passwd process_mode	
repladj	Replenishment	Y	Dept	3	rplatusd	rplex	daily	R	repladj user/passwd	
replsizeprofile	Replenishment	N	N/A	ad hoc	prepost replsizeprofile pre posupld rplatusd	N/A	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)	
replex	Replenishment	Y	Partition (Item)	3	repladj prepost ocioq pre ocioq	prepost replex post	daily	R	replex user/passwd partition_position (May use the batch_replex.ksh for launching this program as it is created based on performance considerations)	
rlmaint	Replenishment	Y	Location	3	storeadd scoact rplatusd rplsplit supcnstr	prepost rlmaint post repladj	daily	R	rlmaint username/password	
rlapprv	Replenishment	N	N/A	3	prepost rlapprv pre	N/A	daily	R	rlapprv user/passwd	
rlathistprg	Replenishment	N	N/A	ad hoc	N/A	N/A	ad hoc	N	rlathistprg user/passwd (This batch may be run only if repl_attr_hist_retention_weeks in system_options table is set)	
rplatusd	Replenishment	Y	Location	3	prepost rplatusd pre ibcalc rplex cntrprss vpblid ibexpl	prepost rplatusd post repladj	daily	R	rplatusd user/passwd	
rpblid	Replenishment	Y	Supplier	3	supsplit prepost rpl pre rplatusd	supcnstr prepost rplex post contracting is used, otherwise run ...	daily	R	rpblid username/password	
rplex	Replenishment	Y	Dept	3	replex	replex	daily	R	rplex user/passwd dept (May use the batch_rplex.ksh for launching this program as it is created based on performance considerations)	
rlprg	Replenishment	N	N/A	ad hoc	N/A	N/A	daily	N	rlprg user/passwd	
rlprg_month	Replenishment	N	N/A	ad hoc	N/A	N/A	monthly	N	rlprg_month user/passwd	
rlsplit	Replenishment	Y	Supplier	3	supcnstr	rlapprv	daily	R	rlsplit user/passwd	
rpmovavg	Pricing	Y	Store	3	salstage	N/A	daily	R	rpmovavg user/passwd business_date(YYYYMMDD) store(optional)	
rtvprg	RTV	N	N/A	ad hoc	N/A	N/A	monthly	N	rtvprg user/passwd	
sacrypt	Sales Audit	Y	Store/Day	SA	sagetrif satotals	N/A	daily	N	sacrypt user/passwd mfile outfile key_file e/d (Encryption/Decryption indicator) Note: outfile generated by batch is inrlfile for samptlog	
saescheat	Sales Audit	N	N/A	SA	sarules satotals sarules	saexpm	monthly	R	saescheat user/passwd	
saexpach	Sales Audit	N	N/A	SA	satotals sarules sapreexp	N/A	daily	R	saexpach user/passwd	
saexpgl	Sales Audit	N	N/A	SA	satotals sarules sapreexp	N/A	daily	R	saexpgl user/passwd	
saexpm	Sales Audit	N	N/A	SA	sapreexp	saescheat	daily	R	saexpm user/passwd	
saexprow	Sales Audit	Y	Store	SA	sapreexp satotals	resa2rdw(perl script)	daily	R	saexprow user/passwd ; perl resa2rdw inputfile outputfile	
saexpms	Sales Audit	Y	Store	SA	satotals sapreexp	saprepost saexpms post	daily	R	saexpms user/passwd	

saexpuar	Sales Audit	N	N/A	SA	satotals sarules sapreexp	N/A	daily	R	saexpuar user/passwd
sagetref	Sales Audit	N	N/A	SA	sastdyr	saimptlog	daily	R	sagetref user/passwd itemfile wastefile ref_itemfile prim_variantfile varupcfile storedayfile codesfile errorfile cccvalfile storeprofile tendertypefile merchcodesfile partnerfile supplierfile employeefile bannerfile currencyfile (To prevent a file from being written, place a '-' in its place. Note: Item files must all be written together).
saimpadj	Sales Audit	N	N/A	SA	saimptlogfin	satotals	daily	R	saimpadj user/passwd input_file req_file
saimptlog	Sales Audit	Y	Store/Day	SA	sagetref saprepost saimptlog pre saimptlog	saimptlog post data (Use sgl Loader to load data into ReSA tables)	daily	N	saimptlog user/pw infile badfile itemfile wastefile refitemfile primvariantfile varupcfile storedayfile promfile codesfile errorfile cccvalfile storeprofile tendertypefile merchcodefile partnerfile supplierfile employeefile bannerfile
saimptlogfin	Sales Audit	N	N/A	SA	savouch salstage fflgdn1	satotals	daily	R	saimptlogfin user/passwd store_day_file
salapnd	Stock Ledger	N	N/A	3	fflgdn2	N/A	daily	R	salapnd user/passwd
saldly	Stock Ledger	Y	Store/Wh	3	salstage	salweek	daily	R	saldly user/passwd
saleoh	Stock Ledger	Y	Dept	3	salrmh	N/A	half yearly	N	saleoh user/passwd
salins	Sales	N	N/A	0	N/A	N/A	daily	R	salins user/passwd
salmaint	Stock Ledger	N	N/A	ad hoc	N/A	N/A	half yearly	N	salmaint user/passwd pre_or_post
salrmh	Stock Ledger	Y	Dept	3	N/A	prepost salrmh post	monthly	R	salrmh user/passwd
salprg	Stock Ledger	N	N/A	ad hoc	N/A	N/A	daily	N	salprg user/passwd
						saldly salapnd	default fflgdn1		
						rpmovavg	fflgdn2		
salstage	Stock Ledger	N	N/A	3	posupld		daily	N	salstage user/passwd
						saldly stkdy salapnd prepost salweek pre default dealinc			
salweek	Stock Ledger	Y	Dept	3	vendinv vendinvf	salrmh prepost salweek post	weekly	R	salweek user/passwd
saordinvxp	Sales Audit	Y	Store	2	N/A	N/A	daily	R	saordinvxp user/passwd
sapreexp	Sales Audit	N	N/A	SA	SA audit process (Before any SA export process)	N/A	daily	R	sapreexp user/passwd
saprepost	Sales Audit	N	N/A	SA	N/A	N/A	daily	N	saprepost user/passwd program pre_or_post
sapurge	Sales Audit	Y	Store	SA	saprepost (This program should be run as the last program in the ReSA batch schedule)	saprepost sapurge post	daily	R	sapurge user/passwd deleted_items_file [optional list of store days to be deleted]
sanules	Sales Audit	N	N/A	SA	satotals	sapreexp saescheat	daily	R	sanules user/passwd store_no
sastdyr	Sales Audit	N	N/A	date_set	dsesys	daily	R	sastdyr user/passwd [YYYYMMDD]	
satotals	Sales Audit	N	N/A	SA	saimptlogfin	satotals	daily	R	satotals user/passwd store_no
savouch	Sales Audit	N	N/A	SA	saimptlog (and its SQL Load process)	saimptlogfin	daily	R	savouch user/passwd infile refitemfile tendertype_file
scost	Costing	Y	Cost change	3	catolckv.ksh (RMS to RDW RETL extract)	prepost scost post	daily	R	scost user/passwd
schedprg	Organizational Hierarchy	N	N/A	ad hoc	N/A	N/A	monthly	R	schedprg user/passwd
silmain	Item Maintenance	N	N/A	ad hoc	lclrbid	N/A	ad hoc	R	silmain user/passwd
soudndid	Forecasting	Y	Domain Id	4	N/A	N/A	daily	R	soudndid user/passwd
stkdy	Stock Ledger	Y	Dept	3	stklar	salweek	daily	R	stkdy user/passwd
stkprg	Stock Ledger	N	N/A	ad hoc	N/A	prepost stkprg post	monthly	N	stkprg user/passwd
stkschedxpld	Stock Ledger	Y	Location	0	N/A	prepost stksupd pre stksupd	daily	R	stkschedxpld user/passwd
stksupd	Stock Ledger	Y	Location	3	stksupd	prepost stksupd post	daily	R	stksupd user/passwd
stksupld	Stock Ledger	Y	Dept	1	lftskup	N/A	daily	R	stksupld user/passwd input_file reject_file
stklar	Stock Ledger	Y	Dept	1	N/A	N/A	daily	R	stklar user/passwd [report_file_name]
stkschedxpld	Stock Ledger	Y	Dept	3	wasteadj	stksupd	daily	R	stksupld user/passwd
stkgndid	Stock Ledger	Y	Dept	4	N/A	N/A	weekly	R	stkgndid user/passwd input_file
storeadd	Maintenance - Location	N	N/A	ad hoc	N/A	prepost storeadd post likestore	daily	R	storeadd user/passwd
supcnstr	Replenishment	N	N/A	3	rplbid	rplsplit	daily	R	supcnstr user/passwd
supmth	Stock Ledger	Y	Dept	3	N/A	prepost supmth post	monthly	R	supmth user/passwd
supsplit	Replenishment	Y	Item	3 / Adhoc	prepost supsplit pre	rplbid	daily	R	supsplit user/passwd
lmpcrtm	Receiving	N	N/A	ad hoc	N/A	N/A	ad hoc	N	lmpcrtm user/passwd
lckdndid	Maintenance	N	N/A	ad hoc	N/A	N/A	daily	R	lckdndid user/passwd filename print_online_ind days_in_advance [location]
tfposdn	Sales Tax	N	N/A	4	brposdn	prepost tfposdn post	daily	R	tfposdn user/passwd output_file
tranupld	Trade Management	Y	File-based	ad hoc	N/A	N/A	daily	R	tranupld user/passwd infile
tfclose	Transfers	Y	Transfer	ad hoc	N/A	N/A	daily	R	tfclose user/passwd
tsfprg	Transfers	N	N/A	ad hoc	N/A	N/A	monthly	R	tsfprg user/passwd
trposdn	Point of Sale Interface	N	N/A	4	N/A	tfposdn	daily	R	trposdn user/passwd
trxpnd	Sales Tax	N	N/A	4	N/A	N/A	ad hoc	R	trxpnd user/passwd input_file reject_file
trxpnd	Maintenance - VAT	Y	Vat Region	0	N/A	prepost validpdt post deactact prepost vendinv post salstage(if daily) salweek(if weekly)	daily	R	validpdt user/passwd
vendinv	Deals	Y	Deal Id	3	prepost vendinv pre	salrmh (if monthly) prepost vendinv post salstage(if daily) salweek(if weekly)	daily	R	vendinv user/passwd
vendinvf	Deals	Y	Deal Id	3	prepost vendinv pre	salrmh (if monthly)	daily	R	vendinvf user/passwd
vrplbid	Replenishment	Y	Supplier	2	edupack	prepost vrplbid post	daily	R	vrplbid user/passwd
wasteadj	Stock Ledger	Y	Store	3	N/A	stksupd	daily	R	wasteadj user/passwd
wfords	Ordering	Y	Wholesale Order ID	ad hoc	wfords	wfordsprg	daily	R	wfords user/passwd
wfords	Ordering	Y	Wholesale Order ID	ad hoc	wfords	N/A	daily	R	wfords user/passwd
wfordspld.ksh	Ordering	Y	CustomerRefID	ad hoc	N/A	N/A	ad hoc	R	wfordspld.ksh user/passwd input_file_directory output_file_directory number_of_threads
wftrnprg	Ordering	Y	Wholesale Return ID	ad hoc	N/A	N/A	daily	R	wftrnprg user/passwd
whadd	Maintenance - Location	N	N/A	ad hoc	N/A	prepost whadd post	daily	R	whadd user/passwd
whtraag	Maintenance - Location	N	N/A	3	(Must be run after all replenishment batch programs).	prepost whtraag post	daily	R	whtraag user/passwd

RPM Dependency and Scheduling Details

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
ItemReclassBatch	Future Retail	N	N/A	N/A	reclsdy(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]]
LocationMoveScheduleBatch	Zone Structure/Future Retail	Y	Location move	N/A	NewItemLocBatch	LocationMoveBatch, PriceEventExecutionBatch	daily, schoc	N	locationMoveScheduleBatch.sh rpm-app-userid password
LocationMoveBatch	Zone Structure/Future Retail	Y	Location move	N/A	NewItemLocBatch	LocationMoveBatch	daily	N	locationMoveBatch.sh rpm-app-userid password
PriceEventExecutionBatch	Price Change/Clearance/Promotion	Y	Pricing event	N/A	salstage (RMS)	PriceEventExecutionRMSBatch	daily	N	priceEventExecutionBatch.sh rpm-app-userid password

orgaraex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lclrlid (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), lclrlid (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), lclrlid (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), lclrlid (RMS)	Refer to RDW operations guide	daily	N	N/A
orglimex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lclrlid (RMS)	Refer to RDW operations guide	daily	N	N/A
orgloceex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lclrlid (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), lclrlid (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), lclrlid (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), lclrlid (RMS)	Refer to RDW operations guide	daily	N	N/A
orglgnex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), lclrlid (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, cremhierdy (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, cremhierdy (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, cremhierdy (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, cremhierdy (RMS), recldsy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prddtplex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdy (RMS), recldsy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdrpxex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdy (RMS), recldsy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdisex.ksh	RDW interface	N	N/A	N/A	A, B	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
prdlmex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdy (RMS), recldsy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdlmlex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdy (RMS), recldsy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdlmimex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdy (RMS), recldsy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdlmtmex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
prdlmsmex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
prdlpimex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdy (RMS), recldsy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdlbcex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdy (RMS), recldsy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdualex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdy (RMS), recldsy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
regngpex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
regmtmex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
resex.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
subtranyplex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
supcrex.ksh	RDW interface	N	N/A	N/A	A, B, cntnmain (RMS)	Refer to RDW operations guide	daily	N	N/A
supsupex.ksh	RDW interface	N	N/A	N/A	A, B, cntnmain (RMS)	Refer to RDW operations guide	daily	N	N/A
suptmex.ksh	RDW interface	N	N/A	N/A	A, B, cntnmain (RMS)	Refer to RDW operations guide	daily	N	N/A
suptrex.ksh	RDW interface	N	N/A	N/A	A, B, cntnmain (RMS)	Refer to RDW operations guide	daily	N	N/A
trdtypex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
ttttypex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
wfcustex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
wfcusgrpxex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
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
ctslidex.ksh	RDW interface	N	N/A	N/A	C	Refer to RDW operations guide	daily	N	ctslidex.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
invlidex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS), ordrev (RMS)	Refer to RDW operations guide	daily	Y	invlidex.ksh output_file_path/output_file_name
ivulidex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS)	Refer to RDW operations guide	daily	N	ivulidex.ksh output_file_path/output_file_name
ivrcplidex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS)	Refer to RDW operations guide	daily	N	ivrcplidex.ksh output_file_path/output_file_name
ivrlidex.ksh	RDW interface	N	N/A	N/A	C	Refer to RDW operations guide	daily	N	ivrlidex.ksh output_file_path/output_file_name
ivrlidex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS)	Refer to RDW operations guide	daily	N	ivrlidex.ksh output_file_path/output_file_name
ivulidex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS)	Refer to RDW operations guide	daily	N	ivulidex.ksh output_file_path/output_file_name
lptotidex.ksh	RDW interface	N	N/A	N/A	C, saexpdvw (ReSA), resa2rdw	Refer to RDW operations guide	daily	N	lptotidex.ksh output_file_path/output_file_name
lptotidex.ksh	RDW interface	N	N/A	N/A	C, saexpdvw (ReSA), resa2rdw	Refer to RDW operations guide	daily	N	lptotidex.ksh output_file_path/output_file_name
ncslulidex.ksh	RDW interface	N	N/A	N/A	C	Refer to RDW operations guide	daily	N	ncslulidex.ksh output_file_path/output_file_name
post_dwl_temp.ksh	RDW interface	N	N/A	N/A	All extract batches	Refer to RDW operations guide	daily	N	N/A
prcidex.ksh	RDW interface	N	N/A	N/A	N/A	Refer to RDW operations guide	daily	N	prcidex.ksh output_file_path/output_file_name
pre_dwl_extract.ksh	RDW interface	N	N/A	N/A	A	salmtm(RMS). Also refer to RDW operations guide	daily	N	N/A
pre_dwl_temp.ksh	RDW interface	N	N/A	N/A	B	Refer to RDW operations guide	daily	N	N/A
rplicidex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	rplicidex.ksh output_file_path/output_file_name
savidex.ksh	RDW interface	N	N/A	N/A	C, cntprss (RMS), edliupavl (RMS), rplapprv (RMS)	Refer to RDW operations guide	daily	N	savidex.ksh output_file_path/output_file_name
scmialdex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	scmialdex.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
scrtidex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	scrtidex.ksh output_file_path/output_file_name
scrtidex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	Y	scrtidex.ksh output_file_path/output_file_name
scrdex.ksh	RDW interface	N	N/A	N/A	C, rplapprv (RMS), cntprss (RMS), rplbid (RMS), cntnmain (RMS), B, rml_rps_forecast.ksh (RMS to RPAS extract)	Refer to RDW operations guide	daily	N	scrdex.ksh output_file_path/output_file_name
scrlidex.ksh	RDW interface	N	N/A	N/A	N/A	Refer to RDW operations guide	daily	N	scrlidex.ksh output_file_path/output_file_name
slslidex.ksh	RDW interface	N	N/A	N/A	C, saexpdvw (ReSA), resa2rdw	Refer to RDW operations guide	daily	Y	slslidex.ksh output_file_path/output_file_name
slslidex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	slslidex.ksh output_file_path/output_file_name
stbimtxex.ksh	RDW interface	N	N/A	N/A	C, salmtm (RMS)	Refer to RDW operations guide	daily	N	stbimtxex.ksh output_file_path/output_file_name
stbwxex.ksh	RDW interface	N	N/A	N/A	C, salweek (RMS)	Refer to RDW operations guide	daily	N	stbwxex.ksh output_file_path/output_file_name
stidmex.ksh	RDW interface	N	N/A	N/A	C, saexpdvw (ReSA), resa2rdw	Refer to RDW operations guide	daily	N	stidmex.ksh output_file_path/output_file_name
vchreschdex.ksh	RDW interface	N	N/A	N/A	B, savouch (ReSA)	Refer to RDW operations guide	daily	N	vchreschdex.ksh output_file_path/output_file_name
vchrmovldsgex.ksh	RDW interface	N	N/A	N/A	B, savouch (ReSA)	Refer to RDW operations guide	daily	N	vchrmovldsgex.ksh output_file_path/output_file_name
vchrtoutwex.ksh	RDW interface	N	N/A	N/A	B, savouch (ReSA)	Refer to RDW operations guide	daily	N	vchrtoutwex.ksh output_file_path/output_file_name
wfsalidex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	wfsalidex.ksh output_file_path/output_file_name
wfslsmkndridex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	n	wfslsmkndridex.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.

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

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
pre_rmse_aip.ksh	AIP interface	N	N/A	AIP RETL Extracts		Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_alloc_in_well.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh		Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_banded_item.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh, dypg		Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_ci_po.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh		Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_future_delivery_alloc.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh		Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_future_delivery_order.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh, vrpblk, cntorndb		Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_future_delivery_tsf.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh, reqext		Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_item_loc_traits.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh, dypg		Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_item_master.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh, recldly		Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_item_retail.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh, dypg		Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_item_sale.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh, sltman		Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_item_supp_country.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh, dypg		Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_merchier.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh, dypg		Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_origier.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh, dypg		Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_rec_qty.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh, vrpblk, cntorndb, reqext		Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_store.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh, storeadd, likestore, dypg		Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_substitute_items.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh		Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_suppliers.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh		Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_tsf_in_well.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh, reqext		Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_wh.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh, whadd and dypg		Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_store_cur_inventory.ksh	AIP interface	Y	Item_loc_soh (number of AIP RETL Extracts request, posupld	pre_rmse_aip.ksh, stkvar, wasteadj, salstage,		Refer to AIP Operations and Installation Guides	daily	N	D - single-threaded delta extract F - multi-threaded full extract if ITEM_LOC is partitioned; single-threaded full extract if ITEM_LOC is not partitioned
rmse_wh_cur_inventory.ksh	AIP interface	Y	Warehouse	AIP RETL Extracts extract), stkvar, wasteadj, salstage, reqext		Refer to AIP Operations and Installation Guides	daily	N	D - single-threaded delta extract F - multi-threaded full extract if ITEM_LOC is partitioned; single-threaded full extract if ITEM_LOC is not partitioned

Allocation Program Dependency and Scheduling Details

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
AllocSchedulerBatch.ksh	Scheduled Allocation	Y	N/A	N/A	None	None	daily	N	N/A

Interface Diagrams for RMS and RPAS

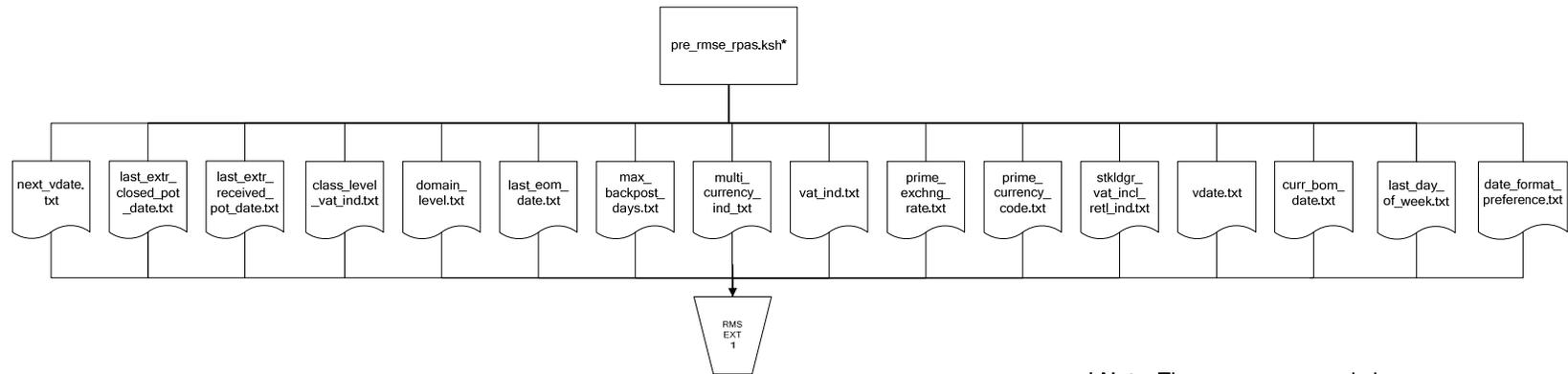
Because RMS is the retailer's central merchandising transactional processing system, it is the principle source of the foundation data needed in some of the Oracle Retail suite of products. RMS provides foundation data to RPAS, and RPAS provides planning data to RMS.

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

RMS Pre/Post Extract Diagrams

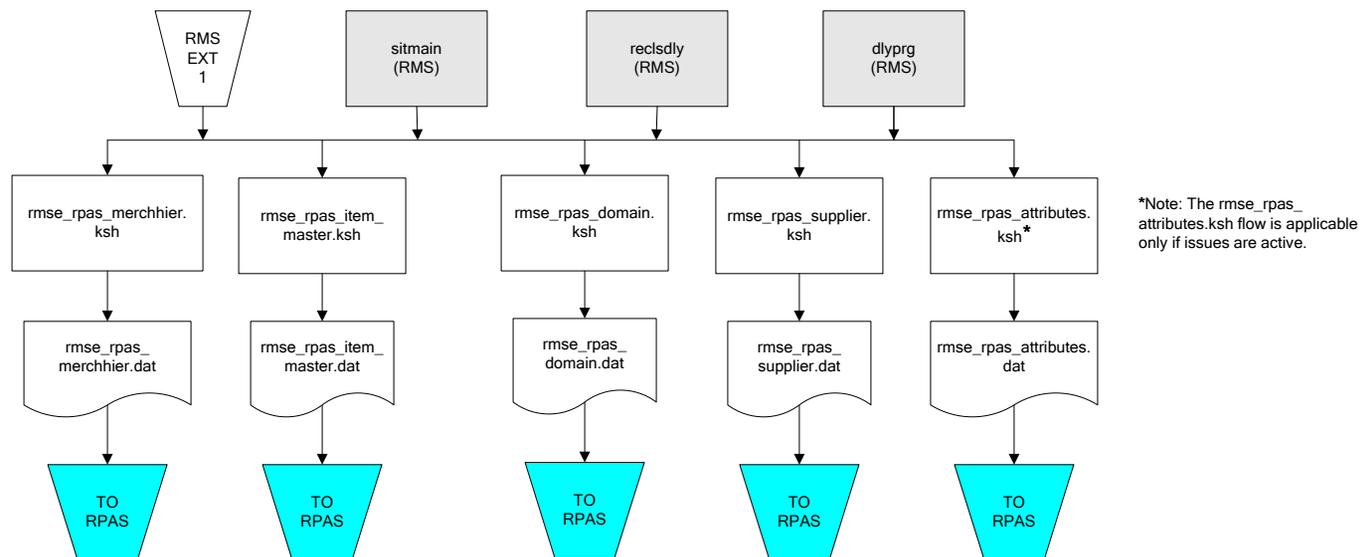
RMS Pre RETL Extract Maintenance



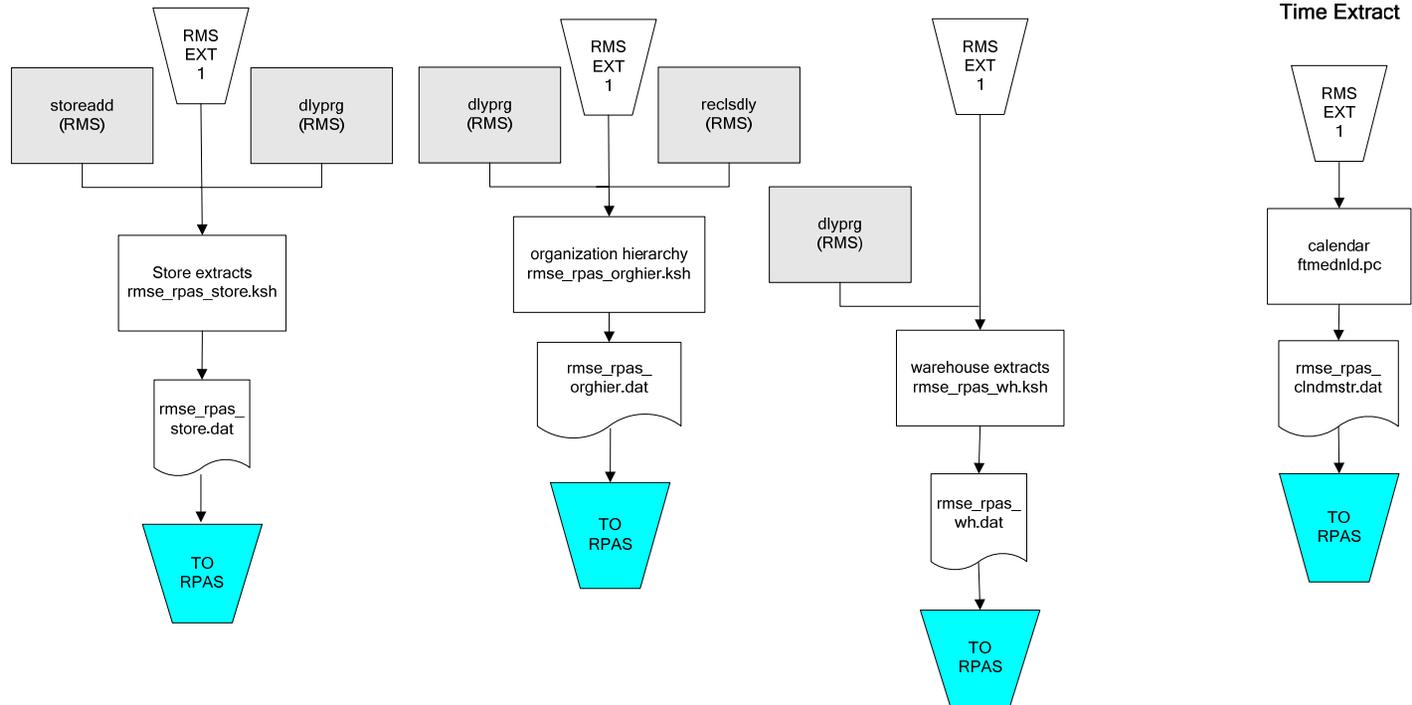
*** Note:** The `pre_rmse_rpas.ksh` program checks for existing `.txt` output files. Because of this validation, retailers running the program for the first time should include an optional `-c` parameter. This parameter allows the program to run successfully without pre-existing `.txt` output files.

RMS Foundation Data Extract Diagrams

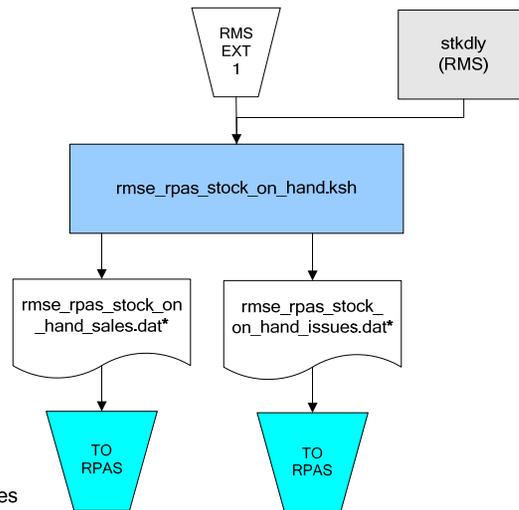
Merchandise Hierarchy for RPAS



Organization Hierarchy for RPAS



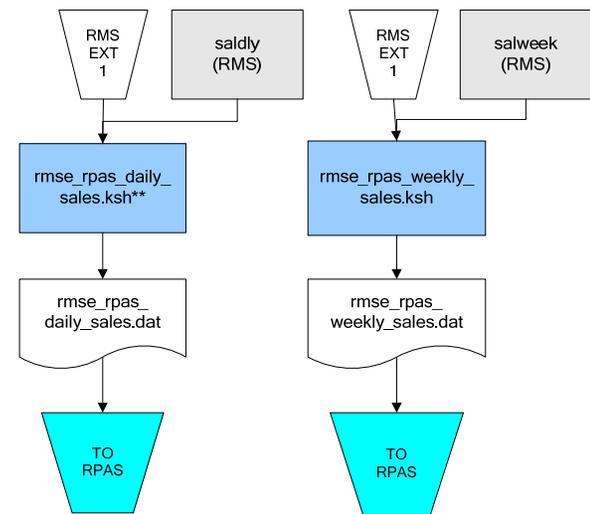
RMS Fact Data Extract Diagrams



*** 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

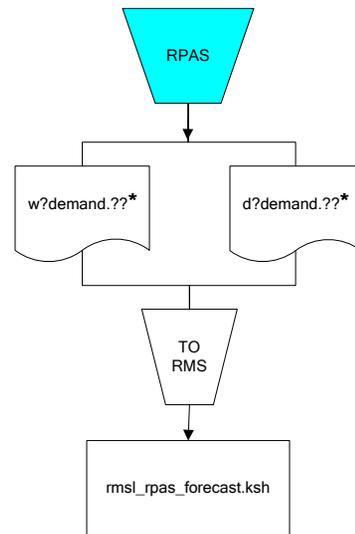
If issues are **not** active, the following file results from the
 rmse_rpas_stock_on_hand.ksh flow:
 rmse_rpas_stock_on_hand_sales.dat

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

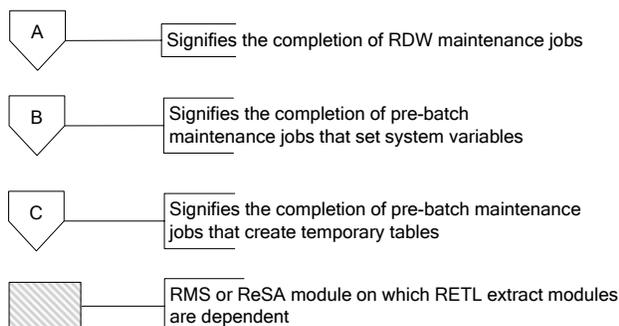
RMS works in conjunction with the Oracle Retail Extract Transform and Load (RETL) framework. RETL provides high-performance processing to extract data from Oracle Retail applications for use in data warehouses. The architecture allows database batch processes to take advantage of parallel processing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

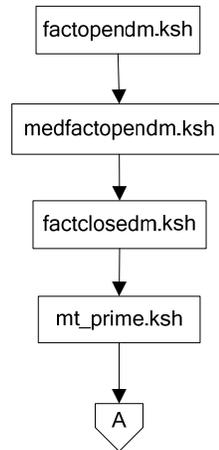
For summary information about the configuration, architecture, and features of RETL programs utilized in RMS/ReSA extractions, see the *Oracle Retail Management System Operations Guide Volume 3—Backend Configuration and Operations*. For more information about the RETL tool, see the current *RETL Programmer's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

Legend

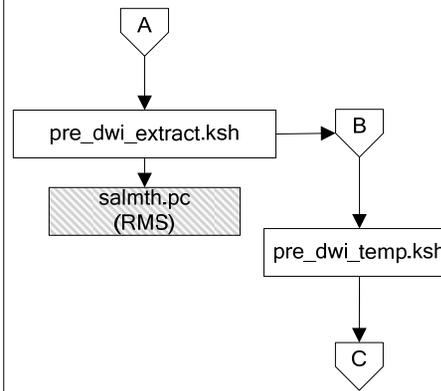


Note:
The modules in this flow are RDW RETL scripts. If the retailer uses RDW, this flow must be completed before starting the pre-batch maintenance flow. If the retailer does not use RDW, these jobs are not required.

RDW Maintenance

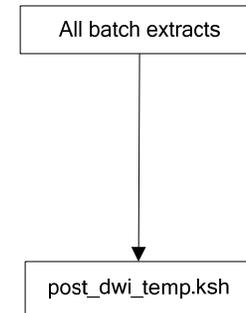


Pre-Batch Maintenance

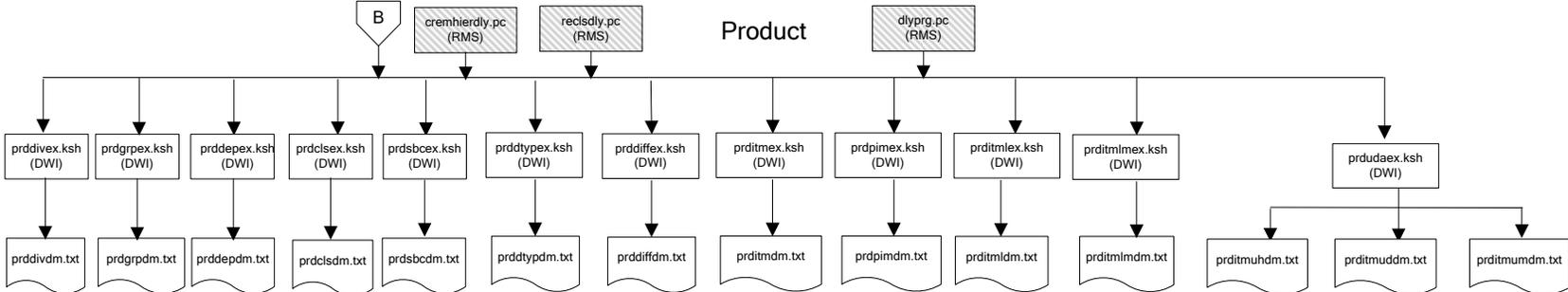


Note:
`salmth.pc` resets the last `eom_date`. Thus, it must be run after the system indicator is extracted by `pre_dwi_extract.ksh`.

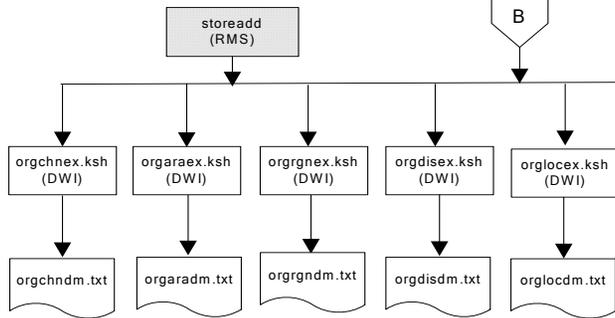
Post-Batch Maintenance



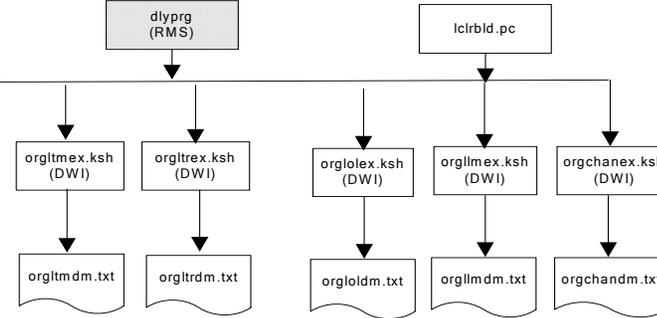
Dimension Dataflows



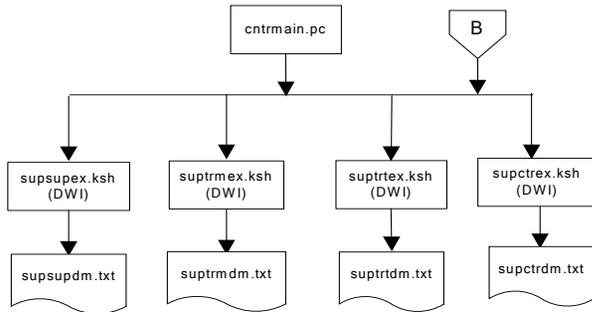
Dimension Dataflows



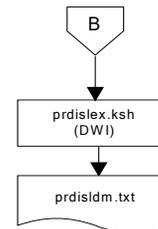
Organization



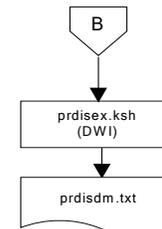
Supplier Dimension



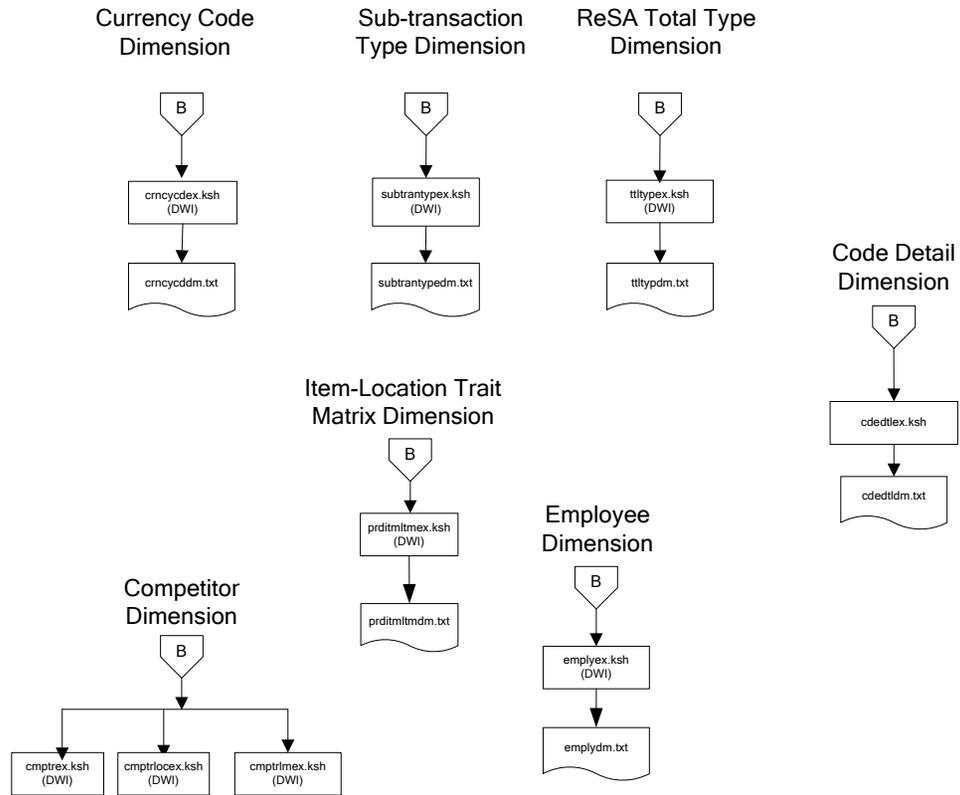
Item-Supplier-Location Matrix Dimension



Item-Supplier Dimension

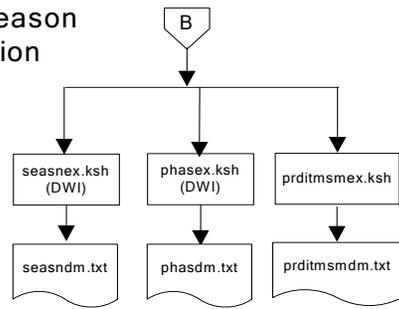


Dimension Dataflows

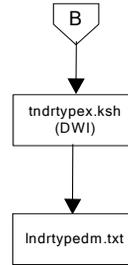


Dimension Dataflows

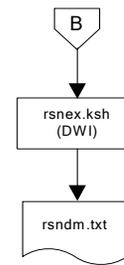
Product Season Dimension



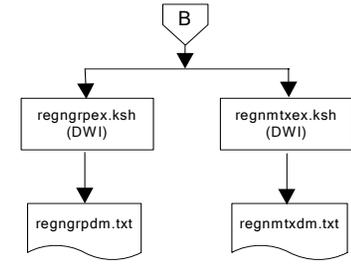
Tender Type Dimension



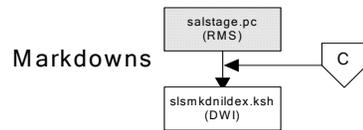
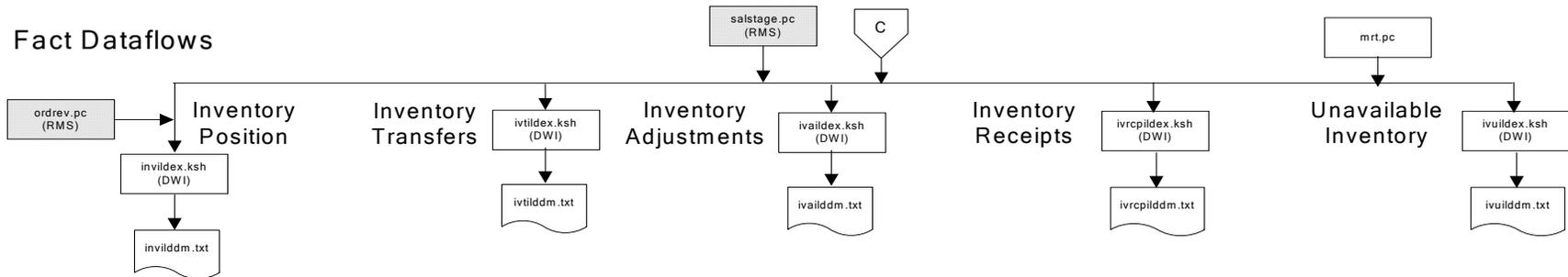
Reason Dimension



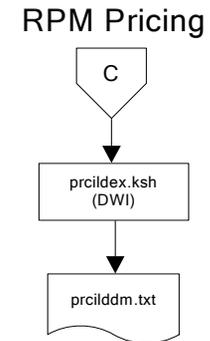
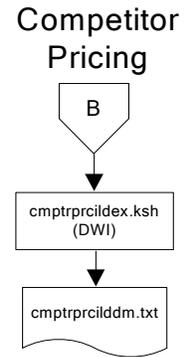
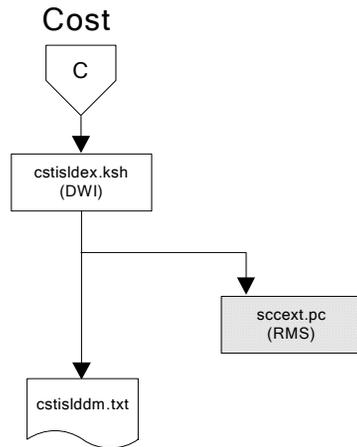
Regionality Dimension



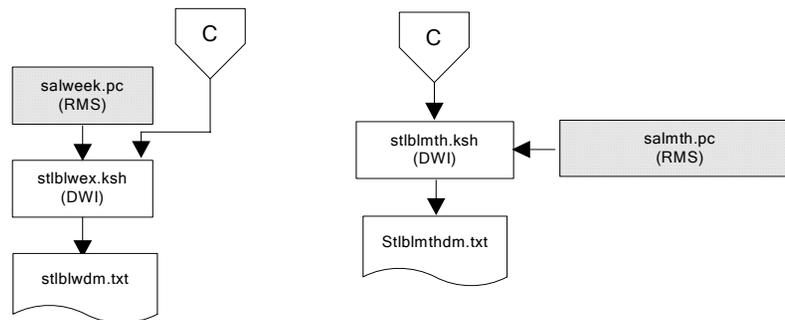
Fact Dataflows



Fact Dataflows

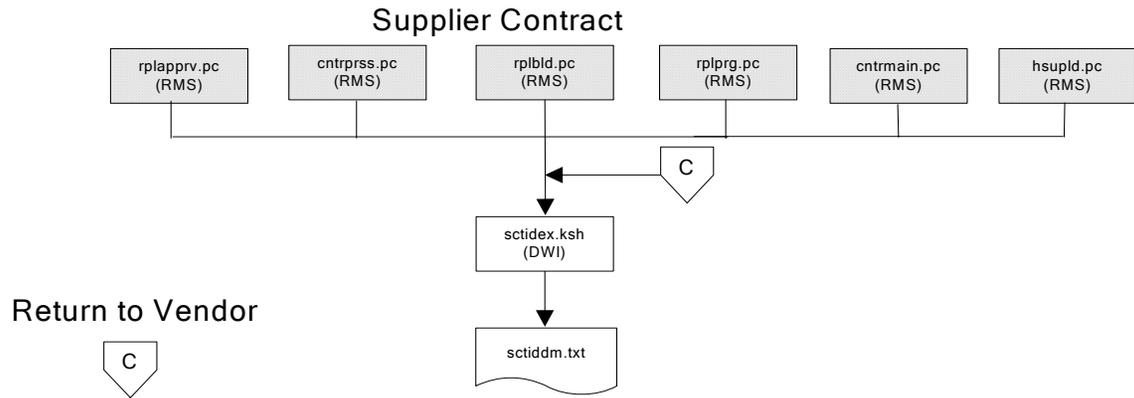
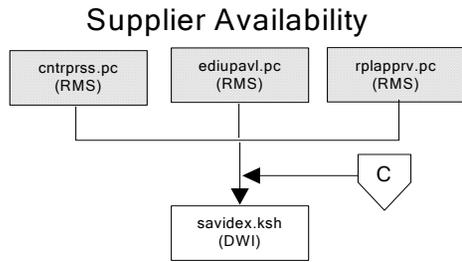


Stock Ledger

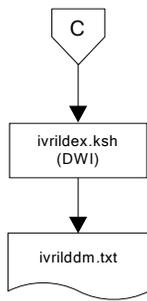


Note:
Run stock ledger fact loads once weekly.

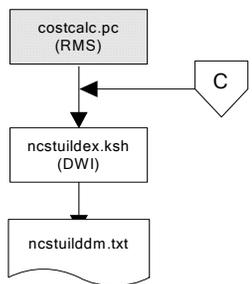
Fact Dataflows



Return to Vendor

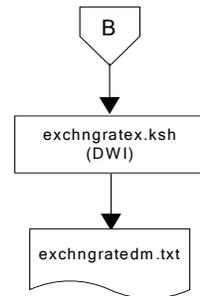


Net Cost

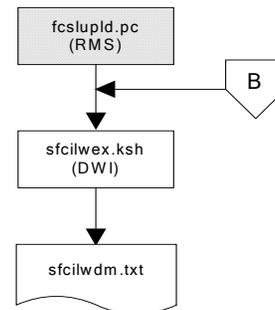


Fact Dataflows

Exchange Rates

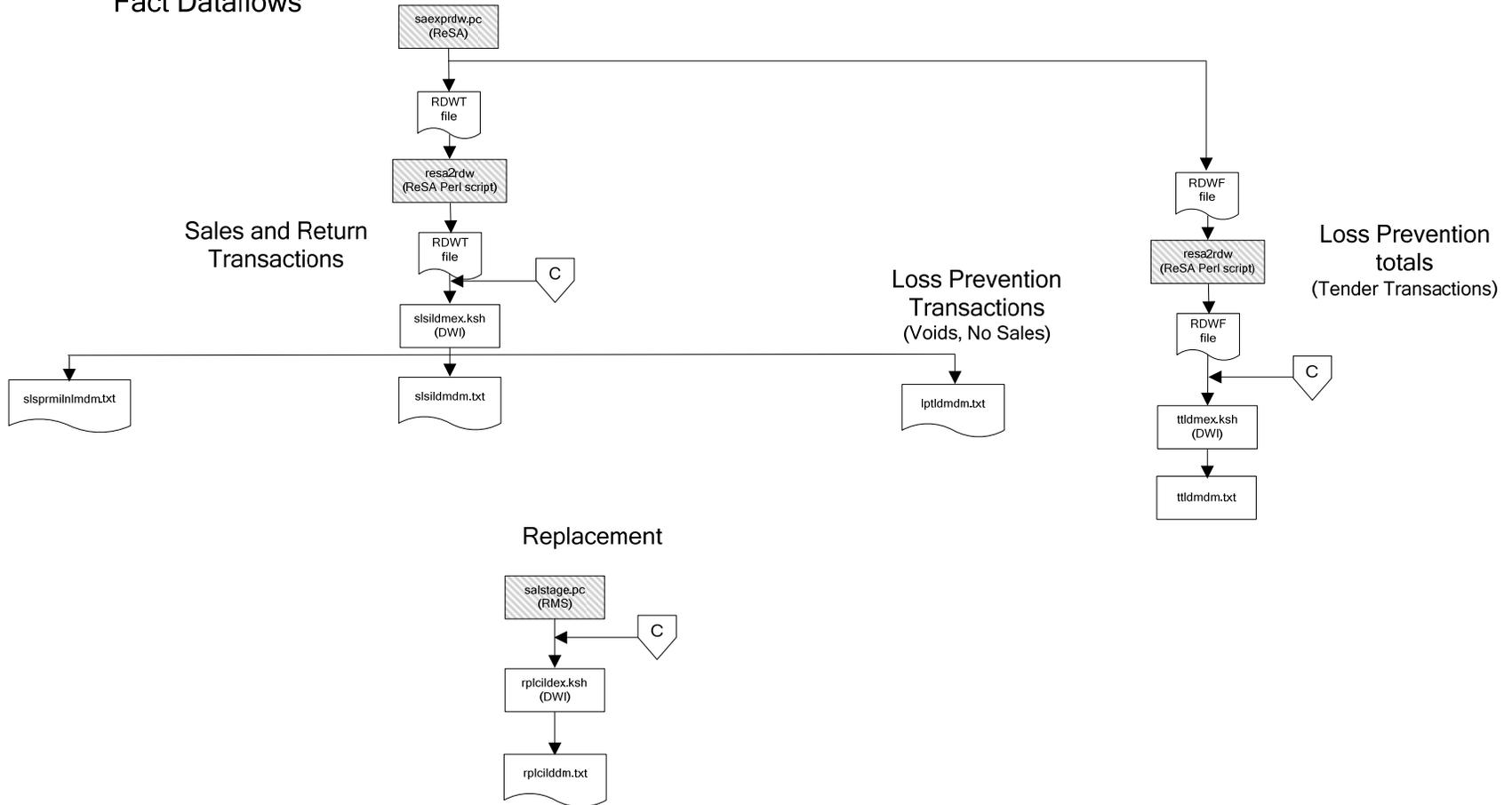


Sales Forecasts

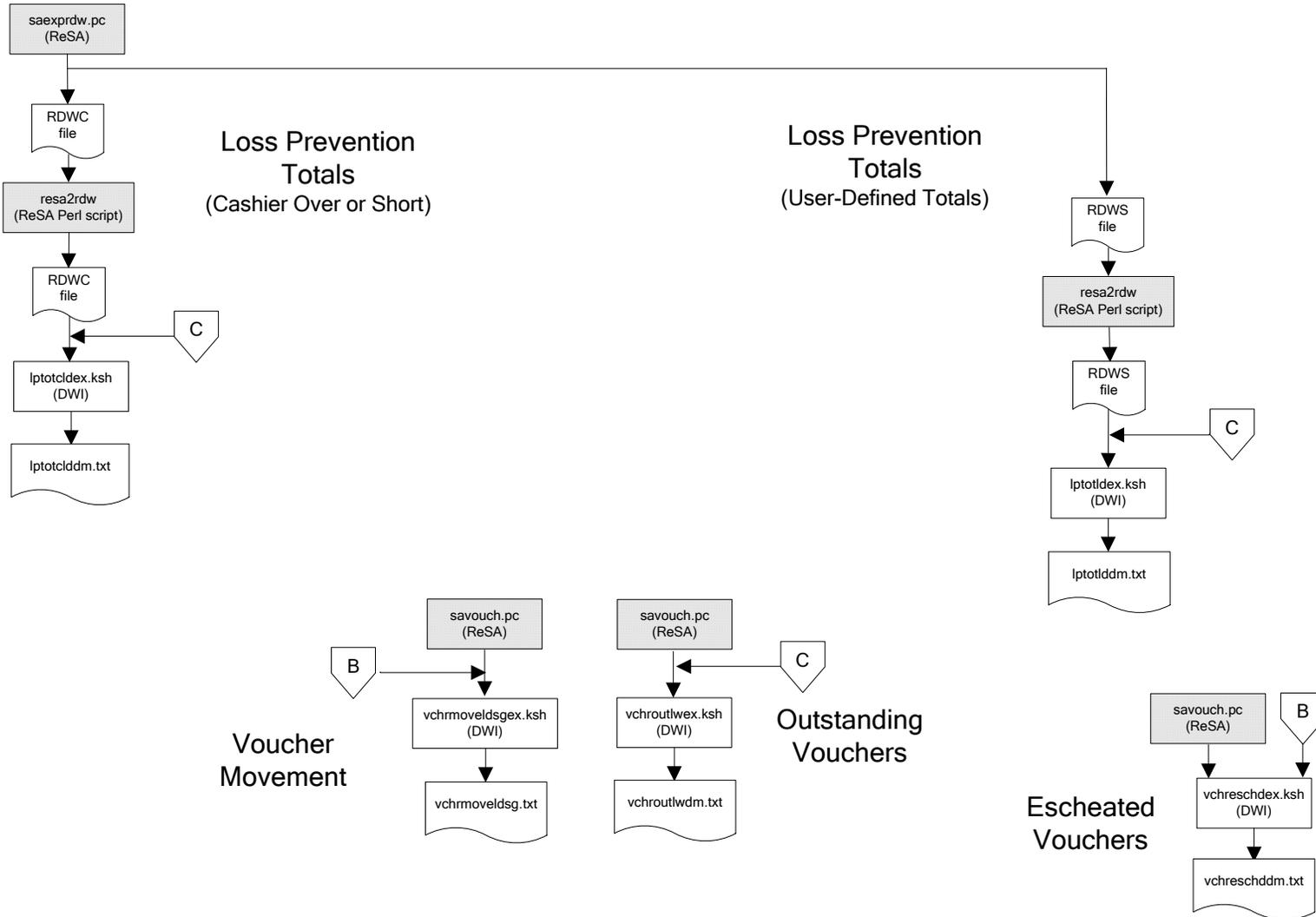


Note:
Run sales forecast fact loads
once weekly.

Fact Dataflows

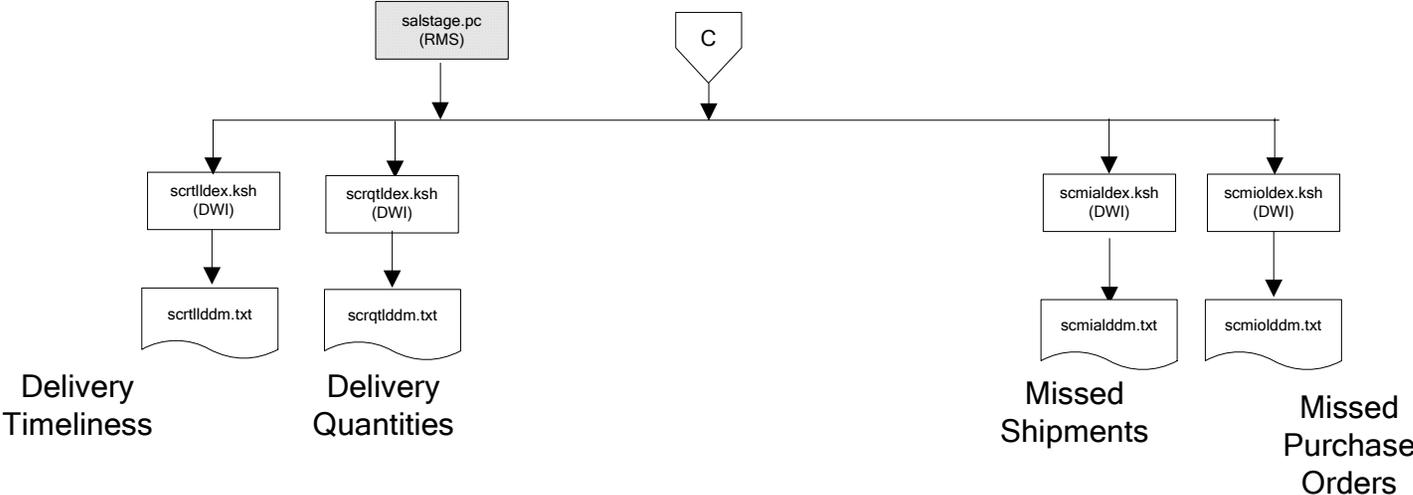


Fact Dataflows



Fact Dataflows

Supplier Compliance



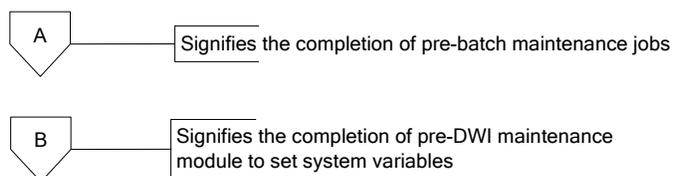
Interface Diagram for RPM and RDW

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.

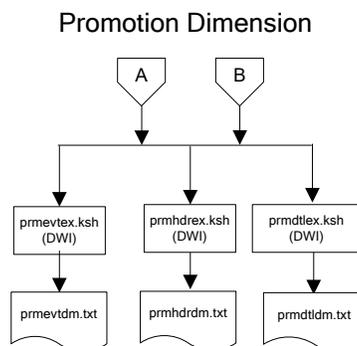
For detailed information about dimensions and facts, see the *Oracle Retail Data Warehouse Operations Guide*.

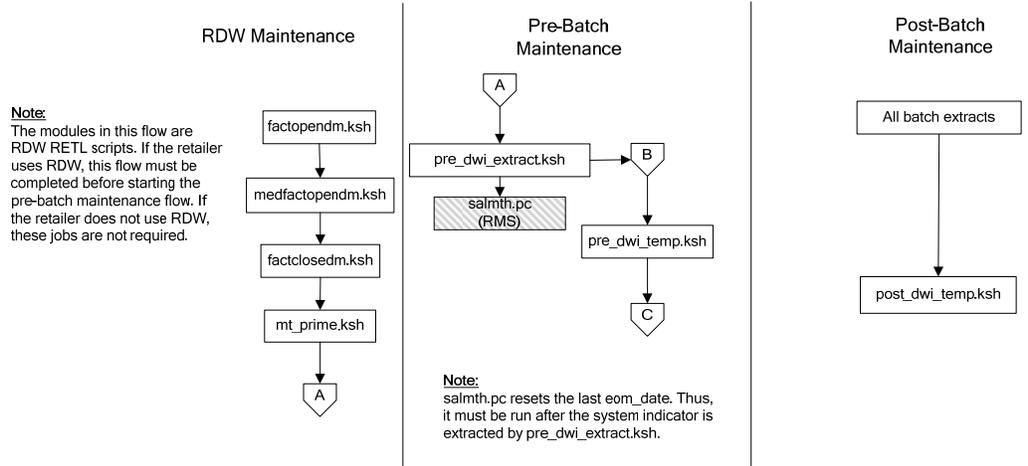
See the *Oracle Retail Merchandising System Operations Guide Volume 1—Batch Overviews and Designs* for more information about the modules shown in the following diagram.

Legend



Program Flow Diagram





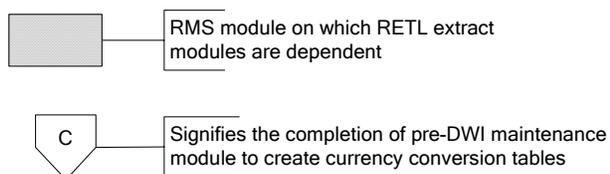
Interface Diagram for ReIM and RDW

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 *Oracle Retail Data Warehouse Operations Guide*.

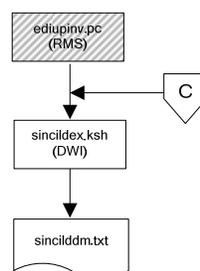
See the *Oracle Retail Merchandising System Operations Guide Volume 1—Batch Overviews and Designs* for more information about the modules shown in the following diagram.

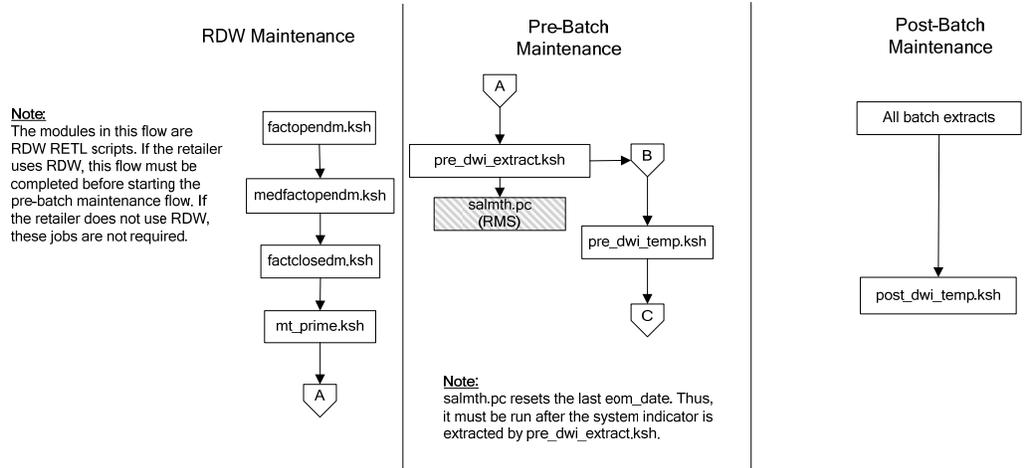
Legend



Program Flow Diagram

Supplier Invoice Cost





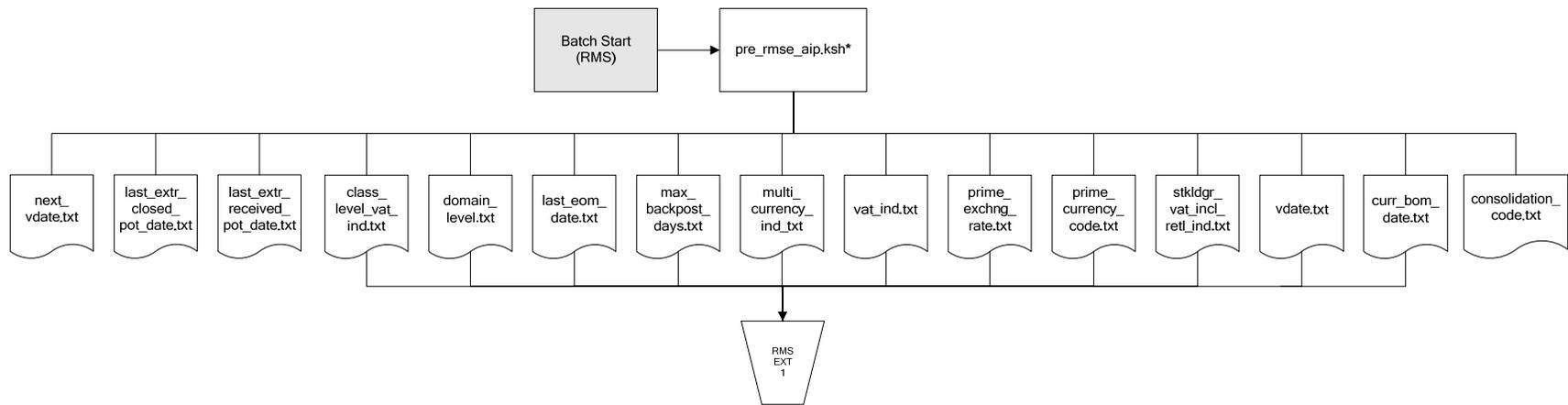
Interface Diagrams for RMS and AIP

This chapter presents flow diagrams for RETL extract data processing from RMS to AIP. The RMS program or output file is illustrated, along with the program or process that interfaces with the source. The diagrams illustrate the flow of the data after initial interface processing of the source.

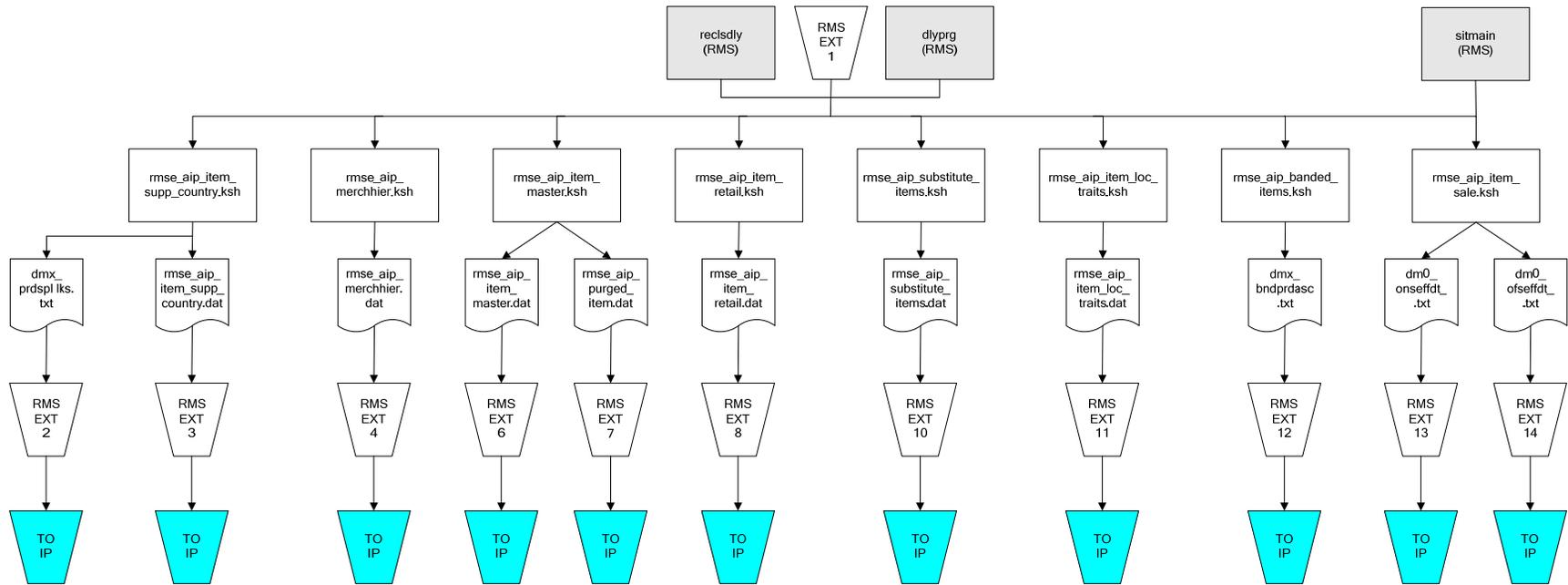
Before setting up a program schedule, familiarize yourself with the functional and technical constraints associated with each program. See the *Oracle Retail Merchandising System Operations Guide Volume 1—Batch Overviews and Designs* for more information about the modules shown in the following diagrams.

RMS Pre/Post Extract Diagrams

RMS Pre RETL Extract Maintenance

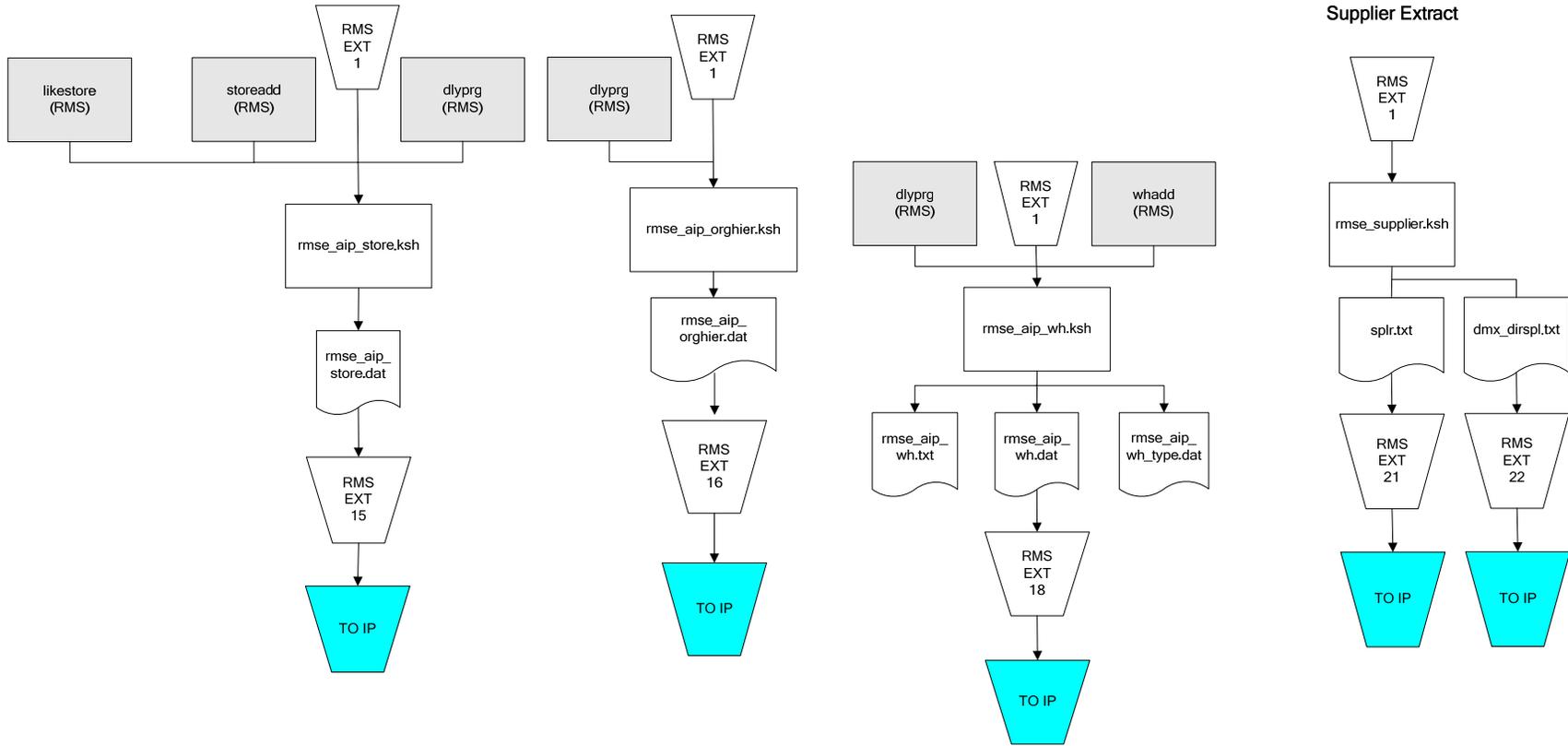


RMS Foundation Data Extract Diagrams

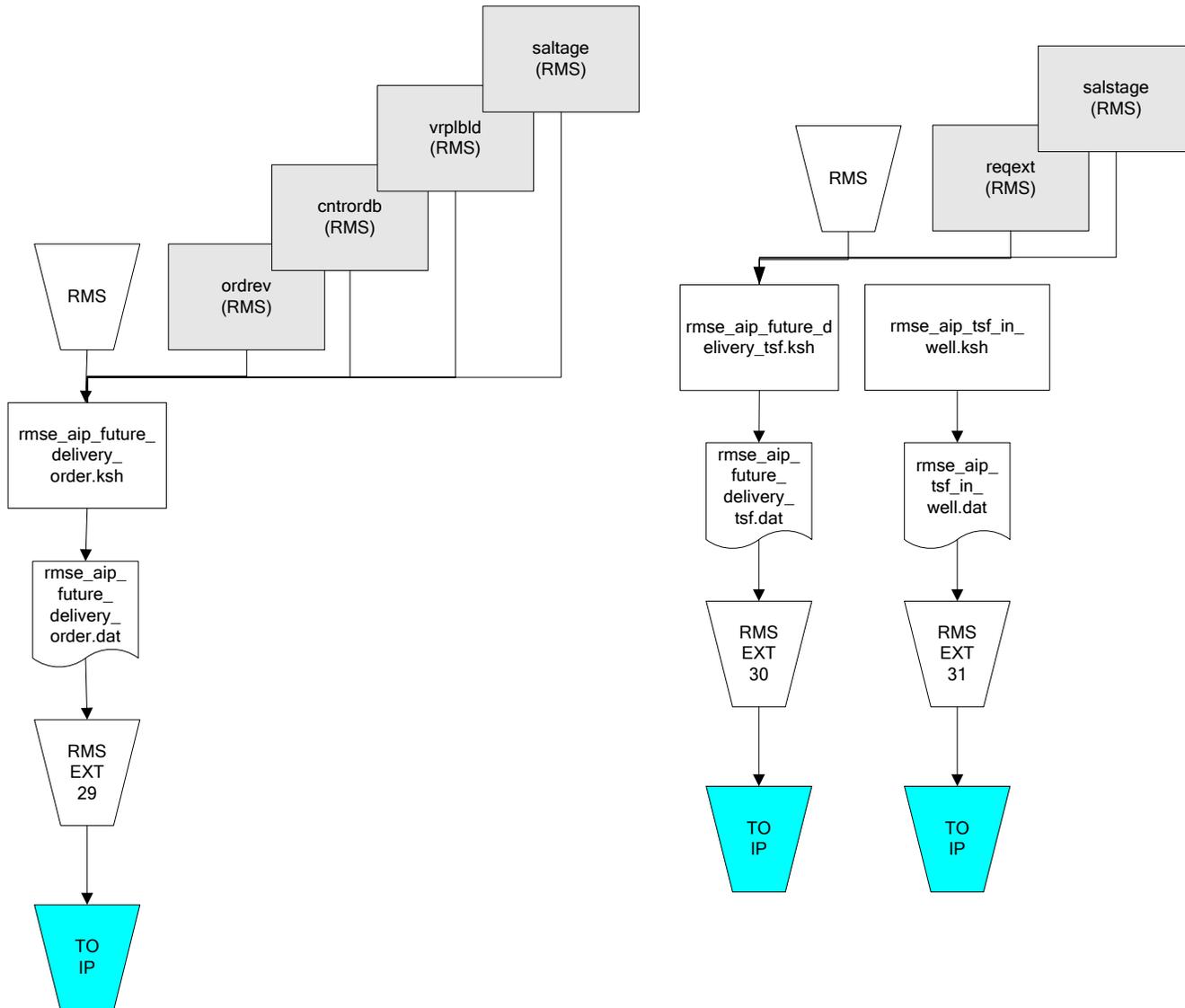


IP = Time-phased inventory planning tool

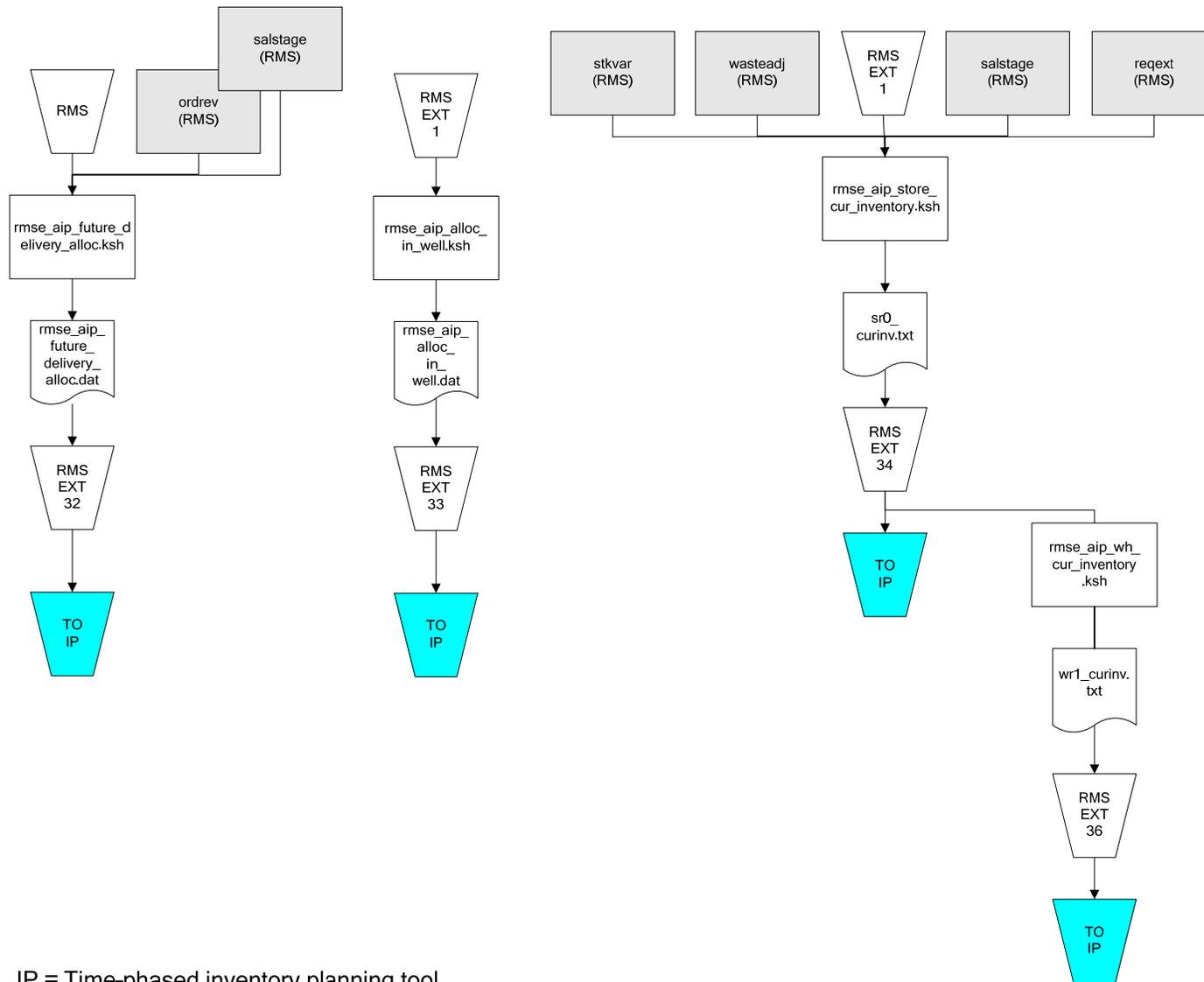
Organization Hierarchy for IP

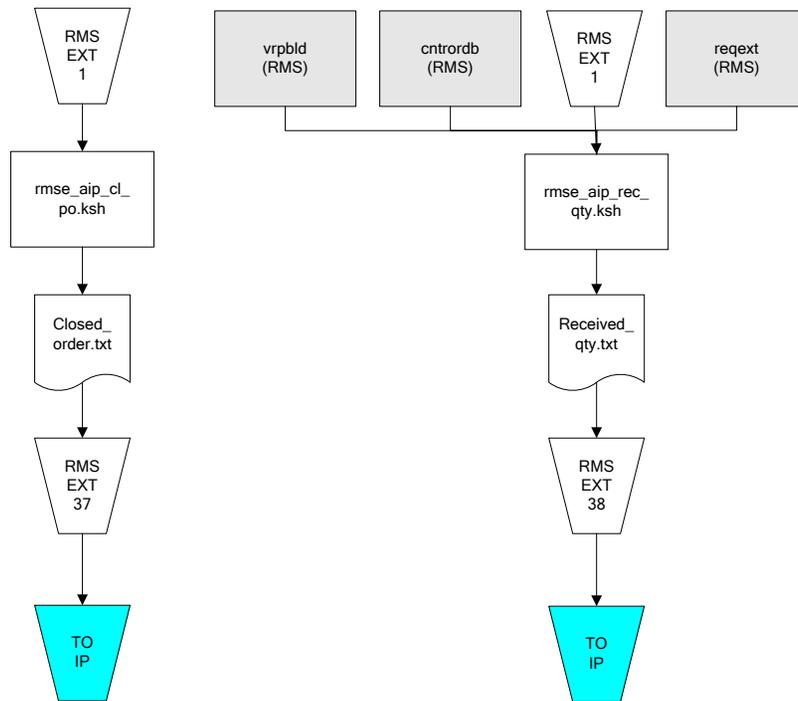


IP = Time-phased inventory planning tool



IP = Time-phased inventory planning tool





IP = Time-phased inventory planning tool