

**Oracle® Retail Merchandising**

Batch Schedule

Release 13.0.4

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Oracle® Retail Merchandising Batch Schedule, Release 13.0.4

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- Are the implementation steps correct and complete?
- Did you understand the context of the procedures?
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- Are the examples correct? Do you need more examples?

If you find any errors or have any other suggestions for improvement, then please tell us your name, the name of the company who has licensed our products, the title and part number of the documentation and the chapter, section, and page number (if available).

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# Preface

This batch schedule document details the integrated cyclical processing schedules for the Oracle Retail Merchandising applications:

- Oracle Retail Merchandising System (RMS)
- Oracle Retail Invoice Matching (ReIM)
- Oracle Retail Price Management (RPM)
- Oracle Retail Sales Audit (ReSA)
- Oracle Retail Trade Management (RTM)
- Oracle Retail Allocation

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**Note:** Although Oracle Retail Allocation is a Merchandising application, it is not represented in this batch schedule because it does not have any batch programs to run. All Allocation processing is online processing.

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This guide describes the periodic and ad hoc phases of batch processing, as well as pre- and post-processing dependencies.

## Audience

The audiences for this guide are as follows:

- Systems analysts and system operations personnel who need information about Merchandising processes, internally or in relation to systems across the enterprise
- Integrators and implementation staff who have the overall responsibility for implementing the Merchandising applications in their enterprise

## Related Documents

For more information, see the following documentation for the Oracle Retail Merchandising products:

- Oracle Retail Invoice Matching documentation
- Oracle Retail Merchandising System documentation
- Oracle Retail Price Management documentation

## Customer Support

To contact Oracle Customer Support, access My Oracle Support at the following URL:  
<https://support.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

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## Review Patch Documentation

When you install the application for the first time, you install either a base release (for example, 13.1) or a later patch release (for example, 13.1.2). If you are installing the base release and additional patch and bundled hot fix releases, read the documentation for all releases that have occurred since the base release before you begin installation.

Documentation for patch and bundled hot fix releases can contain critical information related to the base release, as well as information about code changes since the base release.

## Oracle Retail Documentation on the Oracle Technology Network

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

[http://www.oracle.com/technology/documentation/oracle\\_retail.html](http://www.oracle.com/technology/documentation/oracle_retail.html)

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

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

## Conventions

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

This is a code sample

It is used to display examples of code

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# Introduction to Merchandising Batch Processing

This chapter is a brief introduction to Oracle Retail batch processing. It defines basic terms and concepts, describes batch processing phases, and explains how to interpret the batch schedule diagram and program list.

## Batch Processing

Batch processing is the execution of a group of batch programs (jobs). The results are returned without user intervention. Batch programs are commonly used for the following reasons:

- To process large volumes of transaction data
- To interface with external systems
- To perform internal maintenance

Batch programs can process very large quantities of data quickly and efficiently. Batch programs can perform some updates that could be performed through online transactions, but much more quickly and with less impact on system performance. Batch processing is usually scheduled for times when systems are idle or least busy.

Batch programs can be run automatically using batch scheduler software. The batch scheduler allows batch jobs to be set up in a specific order, with restrictions attached to any program as needed. If an error occurs with a batch program, an administrator must correct the error and manually rerun the batch program that failed.

## Types of Batch Programs

Oracle Retail batch programs are of several types:

- Upload programs bring data from external systems into the Oracle Retail database. For example, the `posupld` program uploads daily transactions that occur at the point of sale (POS) for processing by the Oracle Retail Management System (RMS).
- Download programs extract data from RMS and format it so it can be used by external systems. For example, the `posdnld` program extracts new and changed information about an item/location for downloading to the point of sale.
- System maintenance programs perform tasks such as updating the system date. For example, the `dtesys` program increments the system date at the end of each batch cycle.
- Functional maintenance programs process data specific to a functional area. For example, the `storeadd` program updates a number of tables to create entries for a new store.

## Batch Window

Because of the impact on production systems, it is not always possible to run batch programs during business hours; however, there is a window of opportunity during each day or night when online systems are not being used. This time frame is the *batch window*. For example, a retailer with stores throughout the continental U.S. might require its online systems to be available from 8 AM Eastern Standard Time, when its East Coast offices open, until 9 PM Pacific Standard Time, when its West Coast stores close. This allows an eight-hour batch window for processing all batch jobs.

## Batch Schedule and Phases

Order is critical when running batch programs. Some tasks need to be performed before others. A batch schedule ensures that every time batch processing is performed, the correct tasks are performed in the proper order.

The batch schedule is a diagram that represents all batch programs and how they are sequenced. For each individual user, the schedule is a suggested starting point for the installation. Some programs are specific to products that may not be installed, so these programs may not be used at all.

The total batch schedule is divided into phases. Each phase must be completed before the next phase can begin. Within a phase, there may also be programs that depend on the completion of another program within that phase, so programs within each phase may need to be run in a particular order.

## Merchandising Batch Schedule

The integrated Merchandising batch schedule combines the batch schedules of all Merchandising applications into a single schedule diagram. The diagram (later in this document) shows the batch dependencies among the Merchandising applications.

The integrated Merchandising batch schedule combines the batch modules for the following applications:

- Oracle Retail Merchandising System (RMS)
- Oracle Retail Trade Management (RTM)
- Oracle Retail Sales Audit (ReSA)
- Oracle Retail Invoice Matching (ReIM)
- Oracle Retail Price Management (RPM)

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**Note:** Although Oracle Retail Allocation is a Merchandising application, it is not represented in this batch schedule because it does not have any batch programs to run. All Allocation processing is online processing.

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## Program List

The columns of the program list provide details about each batch program, as follows:

Column	Description
Program name	Name of the program or script
Functional area	Functional area of the application for which the batch program is run
Threaded	Whether the program is threaded (Y/N)
Driver	Program driver
Phase	Phase during which the program is run (see the batch schedule diagram)
Pre-dependency	Programs that must be completed before the program can be run
Post-dependency	Programs that must be run after the program completes successfully
Timing	How often the program is run (for example, daily, weekly, monthly, ad hoc)
Restart/Recovery	Whether the program uses restart/recovery (R=Yes, N=No)
Run Parameters for Program	Command syntax to run the program

For example, the following shows the information in the program list about an RMS phase 3 program named dealday:

Program Name	dealday
Functional Area	Deals
Threaded	Y
Driver	Location
Phase	3
Pre-dependency	dealinc, dealfinc, prepost dealday pre
Post-dependency	prepost dealday post, salmnth
Timing	Monthly
Restart/Recovery	R
Usage	dealday userid/passwd

The program list is grouped in the following order:

- RMS, RTM, and ReSA programs
- RPM programs
- ReIM programs
- RMS extracts for Retail Predictive Application Server (RPAS)
- RMS extracts for Retail Data Warehouse (RDW)

The extracts for RPAS and RDW are programs that are part of the RMS application.

## Batch Schedule Diagram

The batch schedule diagram illustrates the program list pre- and post-dependency details. The layout and notations of the diagram also illustrate required sequences and other processing details. Executing the Merchandising batch processing in the manner diagrammed ensures that all critical dependencies are met.

For ease of setting up a schedule at client site, and also based on logical application dependencies, the diagram is divided into three main sections:

- RMS, RTM, ReIM
- ReSA
- RPM

Later chapters of this document show data flow diagrams for other batch processes:

- Chapter 4 shows the Retail Extract, Transform, and Load (RETL) data flows for the extracts from RMS to RPAS.
- Chapter 5 shows the RETL dimension and fact data flows for the extracts from RMS to 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.

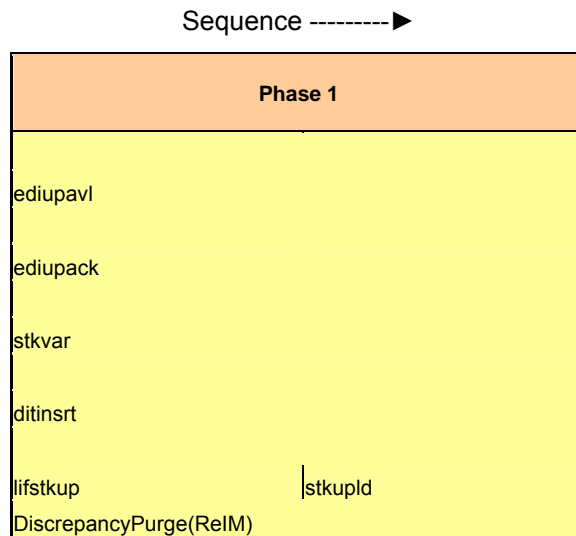
Each phase must be completed before the next phase can begin. Also, a phase may contain programs that depend on other programs within the phase. Programs within each phase may need to run in a particular sequence.

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"> <li>▪ Daily purges</li> <li>▪ Updates to currency exchange rates</li> <li>▪ Updates to value-added tax (VAT) data</li> </ul>
Phase 1	This phase prepares the tables for interfacing with external systems in Phase 2. Among other programs, the stock variance (stkvar) batch program is run to update stock counts.
Phase 2	During this phase, information is uploaded from external interfaces, including point of sale (POS) data (posupld batch program).
Phase 3	In this phase, the main RMS processing programs are run for purchasing, ordering, stock ledger, deals, and replenishment.

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

Read the batch schedule diagram from left to right. In the following example, any of the programs (ediupavl, ediupack, stkvar,ditinsrt, lifstkup, 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.

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

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

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

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

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

### Abbreviations

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

Abbreviation	Meaning
(perl)	The module is a Perl script.
(FIF)	The module is related to the Financials application.
(sqlldr)	There is a sqlloader process to load/ftp the output files.
(rebuild all)	There is a rebuild process inside the application.
(IM)	The module is related to Invoice Matching but owned by RMS.
(RMS)	The module belongs to RMS.
<b>(RMS)</b>	(Bold type) The RMS module is executed externally to that phase.
(ReSA)	The module belongs to ReSA.
<b>(ReSA)</b>	(Bold type) The ReSA module is executed externally to that phase.
(ReIM)	The module belongs to ReIM.
(RTM)	The module belongs to RTM.
(Weekly)	The module is executed weekly.
(Monthly)	The module is executed monthly.
(Forms Auditing)	This is an online forms auditing process related to ReSA.

### Footnotes

Footnote symbols (\*, \*\*, †, ‡) refer to footnotes that appear below that phase or section of the diagram.

## prepost Program

The prepost program facilitates multi-threading by allowing general system administration functions (such as table deletions or mass updates) to be completed after all threads of a particular program have been processed. The prepost program must be run before, after, or both before and after, programs that require specific processing to run or complete successfully.

In the batch schedule diagram, the prepost program is indicated by “pre” and “post” entries, as in the following examples.

In the following example, preprocessing is required before running the ociroq program.

<b>pre</b>	<b>ociroq</b>
------------	---------------

In the following example, preprocessing is required before running the stkupd program. Also, post-processing is required after successful completion of the stkupd program.

<b>pre</b>	<b>stkupd</b>	<b>post</b>
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In the following example, post-processing is required after successful completion of the sccest program.

<b>sccest</b>	<b>post</b>
---------------	-------------

## Modifications to the Batch Schedule

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

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

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

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

- Whether the Retail Integration Bus (RIB) is used  
For more information about configuring the RIB for Merchandising applications, see “Configuring RPM without the RIB” in the “Backend System Administration and Configuration” chapter of the *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_orpos_extract.ksh	Point of Sale Interface	Y	Store	4	If RPM pricing info is reqd then run after extraction script	postscndid (only if generic POS extract is used)	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	RPMKORPOSPublishExport.sh	prepost postscndid post	monthly	N	ccprg user/passwd
cednid	Trade Management	Y	Broker	2	N/A	N/A	daily	R	cednid user/passwd broker_file_name
cmprpg	Pricing	N	N/A	ad hoc	N/A	N/A	daily	N	cmprpg user/passwd
cmprgpid	Pricing	N	N/A	ad hoc	N/A	N/A	ad hoc	R	cmprgpid user/passwd input_file reject_file
cntrmain	Contracting	N	N/A	0	N/A	All RPM batch modules	daily	R	cntrmain user/passwd
cntrorb	Contracting	Y	Contract	3	rplad	prepost cntrorb post	daily	R	cntrorb user/passwd
cntrpss	Contracting	Y	Dept	3	rplst	prepost cntrorb post	daily	R	cntrpss user/passwd
costcalc	Deals	Y	Supplier	2	precostcalc	prepost costcalc post	daily	R	costcalc user/passwd supplier (May use the batch_costcalc.ksh for launching this program as it is created based on performance considerations)
cremherdy	Reclassification	N	N/A	4	N/A	recsldy	daily	R	cremherdy user/passwd
deact	Deals	Y	Deal Id	3	prepost deact_nor pre	N/A	daily	R	deact user/passwd
deactd	Deals	N	N/A	3	prepost deact_po pre	N/A	daily	R	deactd user/passwd
dealdy	Deals	Y	Location	3	dealinc	prepost dealdy post	monthly	R	dealdy user/passwd
dealex	Deals	Y	Deal Id	3	prepost deact_po pre	recsldy	daily	N	dealex user/passwd
dealfct	Deals	Y	Deal Id	3	dealinc	salmt	daily	R	dealfct user/passwd [Y/N - EOM processing ind]
dealfnc	Deals	Y	Deal Id	3	prepost deactct pre	deactct	weekly/ad hoc	R	dealfnc user/passwd
dealinc	Deals	Y	Deal Id	3	deact	salmt (if monthly)	monthly	R	dealinc user/passwd [Y/N - EOM processing ind]
dealprg	Deals	N	N/A	ad hoc	N/A	N/A	monthly	R	dealprg user/passwd
dealupd	Deals	Y	File-based	0	(This program is the first one in Deals batch)	(All other deals programs)	daily	R	dealupd user/passwd input_file reject_file
dfrtbl	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	dfrtbl user/passwd outfile
discobappy	OTB	Y	Dept	4	ordscnt	N/A	daily	R	discobappy user/passwd
distrocpub	Pricing/Transfers/Allocation Publish	Y	Store	3	PriceEventExecutionBatch(RPM)	N/A	daily	R	distrocpub user/passwd
dtinsrt	Deals	N	N/A	1	prepost	costcalc	daily	R	dtinsrt user/passwd (P or S) (supplier/partner). Partner or Supplier.
dyprg	Maintenance	N	N/A	0	N/A	ordscnt	daily	N	dyprg user/passwd
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]
dumymcn	Receiving	N	N/A	ad hoc	N/A	N/A	daily	N	dumymcn user/passwd
ediladd	Maintenance	N	N/A	ad hoc	N/A	N/A	ad hoc	N	ediladd user/passwd ediladd_output ediladd_catalog
edilcon	Contracting	N	N/A	ad hoc	N/A	N/A	ad hoc	N	edilcon user/passwd edilcon_outfile
edilinv	Invoice Matching	Y	Location	4	N/A	N/A	daily	R	edilinv user/passwd output_filename
edidord	Ordering	N	N/A	4	ordrev	N/A	ad hoc	R	edidord user/passwd filename
edidprd	EDI Interface - Sales and Inventory	N	N/A	4	(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 post	monthly	R	ediprg user/passwd
edipackd	Maintenance	N	File-based	2	(Towards the end of the batch cycle)	N/A	daily	N	edipackd 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
edupavi	EDI Interface - Contracts	N	File-based	1	N/A	N/A	daily	R	edupavi user/passwd input_file reject_file
edupcat	EDI Interface - Suppliers	N	File-based	ad hoc	N/A	N/A	daily	R	edupcat user/passwd edi_data_file error_file
elcostcalc	Costing	Y	Supplier	ad hoc	N/A	prepost elcostcalc post	ad hoc	R	elcostcalc user/passwd
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
ffgldn1	Financial Interface	Y	Dept	3	prepost	ffgldn1 post	daily	R	ffgldn1 user/passwd
ffgldn2	Financial Interface	Y	Dept	3	salstage	salapnd	daily	R	ffgldn2 user/passwd
ffgldn3	Financial Interface	Y	Store/Wh	3	salmt	N/A	monthly	R	ffgldn3 user/passwd
ftmednid	Planning System Interface	N	N/A	ad hoc	N/A	N/A	ad hoc	R	ftmednid user/passwd
gcpuld	Misc Interface - Taxegocode	N	N/A	ad hoc	N/A	N/A	ad hoc	R	gcpuld -username=password@environment> <infile> <outfile>
genpress	Ordering	Y	Supplier	ad hoc	N/A	N/A	ad hoc	R	genpress user/passwd
gradupd	Forecasting	N	File-based	ad hoc	N/A	N/A	ad hoc	R	gradupd user/passwd input_file rej_file
hstbl	Sales	Y	Location	3	posupld	prepost hstbl post	weekly	R	hstbl user/passwd level/weekly/rebuild
hstbl_diff	Sales	N	N/A	ad hoc	prepost hstbl pre (for rebuild all)	N/A	ad hoc	N	hstbl_diff user/passwd
hstblmth	Sales	Y	Dept	3	posupld	prepost hstblmth post	monthly	R	hstblmth user/passwd level/monthly/rebuild
hstblmth_diff	Sales	N	N/A	ad hoc	prepost hstbl post	prepost hstbl post	ad hoc	N	hstblmth_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.ctf to load data from the output file written by HSTMTHUPD.PC for non-existent records on ITEM_LOC_HIST_MTH)	monthly	R	hstmthupd user/passwd (out_file)
hstrpg	Sales	N	N/A	ad hoc	N/A	N/A	monthly	N	hstrpg user/passwd
hstrpg_diff	Sales	N	N/A	ad hoc	N/A	N/A	weekly	N	hstrpg_diff user/passwd
hstwkupd	Sales	Y	Store/Wh	3	N/A	Run SQL*Loader using the control file hstwkupd.ctf 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)
htsupd	Trade Management	Y	File-based	ad hoc	Hts240_to_2400 (perl script)	N/A	ad hoc	R	htsupd user/passwd input_file reject_file country_id ; perl hts_240_to_2400.inputfile.outfile ; perl ushts2rms.inputfile.outfile rejectfile
ibcalc	Investment Buy	Y	Dept	3	prepost ibcalc pre	rplbid	daily	R	ibcalc user/passwd
ibxpl	Investment Buy	N	N/A	3	rplst	ibcalc	daily	N	ibxpl user/passwd
invaprg	Inventory Adjustments	N	N/A	ad hoc	N/A	N/A	monthly	N	invaprg user/passwd
invshp	Invoice Matching	N	N/A	2	N/A	N/A	daily	N	invshp user/passwd
invprg	Invoice Matching	N	N/A	ad hoc	ordprg	N/A	monthly	R	invprg user/passwd
lcanid	Letter of Credit	N	N/A	4	N/A	lcm700 (perl script)	daily	R	lcanid user/passwd output_file
lctid	Maintenance - Location	N	N/A	ad hoc	storeadd	N/A	monthly	R	lctid user/passwd
lcmid	Letter of Credit	N	N/A	4	N/A	lcm707 (perl script)	daily	R	lcmid user/passwd output_file
lcp798	Letter of Credit	N	N/A	2	lcm798 (perl script)	N/A	daily	R	lcp798 user/passwd input_file rej_file
lcpuld	Letter of Credit	N	N/A	2	lcm730 (perl script)	N/A	daily	R	lcpuld user/passwd input_file rej_file
lftskup	Stock Ledger	N	File-based	1	inv_bal_upload.sh (warehouse mgmt program)	stskupd	daily	N	lftskup user/passwd input_file output_file
lkestore	Maintenance - Location	Y	Dept	ad hoc	storeadd	prepost lkestore post	daily	R	lkestore user/passwd

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\_dtinsrt.ksh for launching this program as it is created based on performance considerations)

mrt	Mass Return Transfers	Y	Warehouse	2	N/A	mrttrv						mrt	user/passwd
mrtprg	Mass Return Transfers	Y	Warehouse	ad hoc	N/A	mrtupd		daily	R			mrtprg	user/passwd
mrttrv	Mass Return Transfers	Y	Warehouse	2	mrt	mrtupd		daily	R			mrttrv	user/passwd
mrtupd	Mass Return Transfers	Y	Warehouse	2	mrttrv	N/A		daily	R			mrtupd	user/passwd
nwppurge	Stock Ledger	N	N/A	ad hoc	N/A	N/A		ad hoc	N			nwppurge	user/passwd
nwpyearend	Stock Count	Y	Location	4	run on last day of year	N/A		yearly	R			nwpyearend	user/passwd
ociroq	Replenishment	N	N/A	3	repladj	N/A		daily	R			ociroq	user/passwd
onictext	Planning System Interface	Y	Transfer	4	onordext	onordndid		weekly	R			onictext	user/passwd datefile
onordndid	Planning System Interface	Y	Store/Wh	4	onictext	N/A		daily	R			onordndid	user/passwd output_filename
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	reclsdly	discothbply	dealclc	daily	R			ordscnt	user/passwd
ordprg	Ordering	N	N/A	ad hoc	N/A	invprg		monthly	N			ordprg	user/passwd
ordrev	Ordering	N	N/A	4	ordscnt	addord		daily	R			ordrev	user/passwd
ordupd	Ordering	N	N/A	4	(After RPM pricing change extraction batch)	otbdlord		daily	N			ordupd	user/passwd
otbdlord	OTB	N	N/A	4	ordupd	N/A		daily	R			otbdlord	user/passwd output_file
otbdlsal	OTB	N	N/A	4	ordupd	N/A		daily	R			otbdlsal	user/passwd output_file
otbdndid	OTB	N	N/A	4	ordupd	N/A		daily	R			otbdndid	user/passwd output_file
otbprg	OTB	N	N/A	ad hoc	N/A	N/A		monthly	N			otbprg	user/passwd
otbprfw	OTB	Y	File-based	ad hoc	N/A	N/A		daily	R			otbprfw	user/passwd input_file reject_file
otbupid	OTB	Y	File-based	ad hoc	N/A	N/A		daily	R			otbupid	user/passwd input_file reject_file
poscndid	Point of Sale Interface	N	N/A	4	posndid	prepost poscndid post		daily	R			poscndid	user/passwd outfile
poscndid	Point of Sale Interface	Y	N/A	ad hoc	N/A	prepost poscndid post		daily	R			poscndid	user/passwd outfile
posgddid	Point of Sale Interface	N	N/A	4	reclsdly	N/A		daily	R			posgddid	user/passwd output_file
posupid	Sales	Y	File-based	2	saexprms(ReSA)	prepost posupid post	salstage	daily	R			posupid	user/passwd infile outfile itemfile lockfile
precostcalc	Deals	Y	Supplier	2	prepost precostcalc pre	costcalc		daily	R			precostcalc	user/passwd supplier (May use the batch_precostcalc.ksh for launching this program as it is created based on performance considerations)
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		daily	R			reclsdly	user/passwd process_mode
repladj	Replenishment	Y	Dept	3	rplatusd	repxt		daily	R			repladj	user/passwd
replsizeprofile	Replenishment	N	N/A	ad hoc	prepost replsizeprofile pre	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)
reqext	Replenishment	Y	Partition (Item)	3	prepost reqext pre storeadd	prepost reqext post	rplex	daily	R			reqext	user/passwd partition_position (May use the batch_reqext.ksh for launching this program as it is created based on performance considerations)
rlmaint	Replenishment	Y	Location	3	prepost rplatusd	prepost rlmain post		daily	R			rlmaint	username/password
rplapprv	Replenishment	N	N/A	3	prepost rplapprv pre	N/A		daily	R			rplapprv	user/passwd
rplathistprg	Replenishment	N	N/A	ad hoc	N/A	N/A		ad hoc	N			rplathistprg	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	prepost rplatusd post	rplex	daily	R			rplatusd	user/passwd
rplbid	Replenishment	Y	Supplier	3	prepost rpl pre	prepost rplex post	cntrprsa(#	daily	R			rplbid	username/password
rplex	Replenishment	Y	Dept	3	repxt	repxt	ibcxpl	daily	R			rplex	user/passwd dept (May use the batch_rplex.ksh for launching this program as it is created based on performance considerations)
rplprg	Replenishment	N	N/A	ad hoc	N/A	N/A		daily	N			rplprg	user/passwd
rplprg_month	Replenishment	N	N/A	ad hoc	N/A	N/A		monthly	N			rplprg_month	user/passwd
rplsplit	Replenishment	Y	Supplier	3	supcnstr	rplapprv		daily	R			rplsplit	user/passwd
rprmovavg	Pricing	Y	Store	3	salstage	N/A		daily	R			rprmovavg	user/passwd business_date(YYYYMMDD) store(optional)
rvprg	RTV	N	N/A	ad hoc	N/A	N/A		monthly	N			rvprg	user/passwd
sacrypt	Sales Audit	Y	Store/Day	SA	sagetrfl	N/A		daily	N			sacrypt	user/passwd infile outfile key_e/d (Encryption/Decryption indicator) Note: outfile generated by batch is infile for saimptog.
saescheat	Sales Audit	N	N/A	SA	satotals	saexpm	sapurge	monthly	R			saescheat	user/passwd
saexpach	Sales Audit	N	N/A	SA	sapreexp	N/A		daily	R			saexpach	user/passwd
saexpgl	Sales Audit	N	N/A	SA	satotals	N/A		daily	R			saexpgl	user/passwd
saexpm	Sales Audit	N	N/A	SA	sapreexp	N/A		daily	R			saexpm	user/passwd
saexprow	Sales Audit	Y	Store	SA	saescheat	N/A		daily	R			saexprow	user/passwd
saexprow	Sales Audit	Y	Store	SA	sapreexp	res2rdw(perf scrip)		daily	R			saexprow	user/passwd ; perf res2rdw.inpoutfile outfile
saexpms	Sales Audit	Y	Store	SA	satotals	saprepost saexpms post		daily	R			saexpms	user/passwd
saexpuar	Sales Audit	N	N/A	SA	sapreexp	N/A		daily	R			saexpuar	user/passwd
sagetrfl	Sales Audit	N	N/A	SA	sasdyocr	saimptog		daily	R			sagetrfl	user/passwd itemfile wastefile ref_itemfile prim_variante varupctfile storedayfile codesfile errorfile cvcafile storeposfile tendertypefile merchcodefile partnerfile supplierfile employeefile bannerfile
saimpajd	Sales Audit	N	N/A	SA	saimptogfn	satotals		daily	R			saimpajd	user/passwd input_file rej_file
saimptog	Sales Audit	Y	Store/Day	SA	sagetrfl	saprepost saimptog post		daily	N			saimptog	user/passwd infile badfile itemfile wastefile refitemfile primvariantfile varupctfile storedayfile promfile codesfile errorfile cvcafile storeposfile tendertypefile merchcodefile partnerfile supplierfile employeefile bannerfile
saimptogfn	Sales Audit	N	N/A	SA	saimptog	(Use rd Loader to load data into ReSA tables)		daily	N			saimptogfn	user/passwd store_day_file
saimptogupd	Sales Audit	N	Store/Day	SA	saavouch	satotals		after store day de R	R			saimptogupd	user/passwd storedayfile storeposfile
salgnpd	Stock Ledger	N	N/A	3	fflgdn1	N/A		daily	R			salgnpd	user/passwd
saldy	Stock Ledger	Y	Store/Wh	3	fflgdn2	salweek		daily	R			saldy	user/passwd
saleoh	Stock Ledger	Y	Dept	3	salstage	N/A		half yearly	N			saleoh	user/passwd
salms	Sales	N	N/A	0	N/A	N/A		daily	R			salms	user/passwd
salmain	Stock Ledger	N	N/A	ad hoc	N/A	N/A		half yearly	N			salmain	user/passwd pre_or_post

salwmh	Stock Ledger	Y	Dept	3	salweek	prepost salwmh post	monthly	R	salwmh user/passwd
salprg	Stock Ledger	N	N/A	ad hoc	pre_dwi_extract.ksh(RMS to RDW RETL Extract)	N/A	daily	N	salprg user/passwd
salstage	Stock Ledger	N	N/A	3	postupld saldy stkdy salapnd prepost salweek pre dealct rpmomvavg fifgdn2	salweek fifgdn1	daily	N	salstage user/passwd
salweek	Stock Ledger	Y	Dept	3	vendinv	salwmh	weekly	R	salweek user/passwd
sapreexp	Sales Audit	N	N/A	SA	SA audit process	(Before any SA export process)	daily	R	sapreexp user/passwd
saprepost	Sales Audit	N	N/A	SA	N/A	N/A	daily	N	saprepost user/passwd program_pre_or_post
sapurge	Sales Audit	Y	Store	SA	saprepost sapurge pre (This program should be run as the last program in the ReSA batch schedule)	saprepost sapurge post	daily	R	sapurge user/passwd deleted_items_file (optional list of store days to be deleted)
sanules	Sales Audit	N	N/A	SA	saatals (It should run before the DTESYS batch program and before the next store/day's transactions are received)	sapreexp saescheat	daily	R	sanules user/passwd store_no
sastrycr	Sales Audit	N	N/A	date_set	sastrycr	dtesys	daily	R	sastrycr user/passwd [YY'YMMDD]
saatals	Sales Audit	N	N/A	SA	saamplogfn	saatals	daily	R	saatals user/passwd store_no
saavouch	Sales Audit	N	N/A	SA	saamplogfn	saamplogfn	daily	R	saavouch user/passwd infile rejfile tendertype_file
sascent	Costing	Y	Cost change	3	costidex.ksh (RMS to RDW RETL extract)	prepost sascent post	daily	R	sascent user/passwd
schedprg	Organizational Hierarchy	N	N/A	ad hoc	N/A	N/A	monthly	R	schedprg user/passwd
stmain	Item Maintenance	N	N/A	ad hoc	lcnrid	N/A	ad hoc	R	stmain user/passwd
southnid	Forecasting	Y	Domain Id	4	N/A	N/A	daily	R	southnid user/passwd
stkdy	Stock Ledger	Y	Dept	3	stkvar	salweek	daily	R	stkdy user/passwd
stkprg	Stock Ledger	N	N/A	ad hoc	N/A	prepost stkprg post	monthly	N	stkprg user/passwd
stkschedpld	Stock Ledger	Y	Location	0	N/A	N/A	daily	R	stkschedpld user/passwd
stskupd	Stock Ledger	Y	Location	3	prepost stskupd pre stskupd	prepost stskupd post	daily	R	stskupd user/passwd
stskvar	Stock Ledger	Y	Dept	1	stskup	N/A	daily	R	stskvar user/passwd input_file reject_file stskvar user/passwd [ report_file_name ]
stskpdl	Stock Ledger	Y	Dept	1	N/A	N/A	daily	R	stskpdl user/passwd
stskchedpld	Stock Ledger	Y	Dept	3	stkschedpld	stskupd	daily	R	stskchedpld user/passwd
stlgnid	Stock Ledger	Y	Dept	4	wasstadj	N/A	weekly	R	stlgnid user/passwd input_file
storeadd	Maintenance - Location	N	N/A	ad hoc	N/A	likestore	daily	R	storeadd user/passwd
supcntr	Replenishment	N	N/A	3	rpibid	rpibid	daily	R	supcntr user/passwd
supmth	Stock Ledger	Y	Dept	3	N/A	prepost supmth post	monthly	R	supmth user/passwd
tamperctn	Receiving	N	N/A	ad hoc	N/A	N/A	ad hoc	N	tamperctn user/passwd
totchnid	Maintenance	N	N/A	ad hoc	N/A	N/A	daily	R	totchnid user/passwd filename print_online_invdays_in_advance [location]
tlpsodn	Sales Tax	N	N/A	4	tlpsodn	prepost tlpsodn post	daily	R	tlpsodn user/passwd output_file
tranupld	Trade Management	Y	File-based	ad hoc	N/A	N/A	daily	R	tranupld user/passwd infile
tsfocse	Transfers	Y	Transfer	ad hoc	N/A	N/A	daily	R	tsfocse user/passwd
tsfgrg	Transfers	N	N/A	ad hoc	N/A	N/A	monthly	R	tsfgrg user/passwd
txrpsodn	Point of Sale Interface	N	N/A	4	N/A	tlpsodn	daily	R	txrpsodn user/passwd
trtpuld	Sales Tax	N	N/A	4	N/A	N/A	ad hoc	R	trtpuld username/password input_file reject_file
vatxpdl	Maintenance - VAT	Y	Vat Region	0	N/A	prepost vatxpdl post	daily	R	vatxpdl user/passwd
vendinv	Deals	Y	Deal Id	3	dealact salstage(if daily) prepost vendinv pre	salwmh (if monthly) prepost vendinv post salstage(if weekly)	daily	R	vendinv user/passwd
vendinvf	Deals	Y	Deal Id	3	prepost vendinvf pre	salwmh (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	stskpdl stskupd	daily	R	wasteadj user/passwd
wfcostralc	Costing	Y	Store_Wh	2	costcalc prepost wfcostralc pre	prepost wfcostralc post	daily	R	wfcostralc user/passwd
wfordcls	Ordering	Y	Wholesale Order ID	ad hoc	N/A	wfordprg	daily	R	wfordcls user/passwd
wfordprg	Ordering	Y	Wholesale Order ID	ad hoc	wfordcls	N/A	daily	R	wfordprg user/passwd
wfordupld.ksh	Ordering	Y	CustomerRefId	ad hoc	N/A	N/A	ad hoc	R	wfordupld.ksh user/passwd input_file_directory output_file_directory number_of_threads
wftrprg	Ordering	Y	Wholesale Return ID	ad hoc	N/A	N/A	daily	R	wftrprg user/passwd
whadd	Maintenance - Location	N	N/A	ad hoc	N/A	prepost whadd post	daily	R	whadd user/passwd
whstrag	Maintenance - Location	N	N/A	3	(Must be run after all replenishment batch programs)	prepost whstrag post	daily	R	whstrag user/passwd

### RPM Dependency and Scheduling Details

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
ItemReclassBatch	Future Retail	N	N/A	N/A	reclass(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, adhoc	N	locationMoveScheduleBatch.sh rpm-app-userid password
LocationMoveBatch	Zone Structure/Future Retail	Y	Location move	N/A	NewItemLocBatch LocationMoveBatch	PriceEventExecutionBatch	daily	N	locationMoveBatch.sh rpm-app-userid password
PriceEventExecutionBatch	Price Change/Clearance/Promotion	Y	Pricing event	N/A	salstage (RMS) PriceEventExecutionBatch	PriceEventExecutionRMSBatch	daily	N	priceEventExecutionBatch.sh rpm-app-userid password
PriceEventExecutionRMSBatch	Price Change/Clearance/Promotion	Y	Pricing event	N/A	PriceEventExecutionBatch	PriceEventExecutionDealsBatch	daily	N	priceEventExecutionRMSBatch.sh rpm-app-userid password
PriceEventExecutionDealsBatch	Price Change/Clearance/Promotion	Y	Pricing event	N/A	PriceEventExecutionRMSBatch	MerchExtractKickOffBatch	daily	N	priceEventExecutionDealsBatch.sh rpm-app-userid password
PriceStrategyCalendarBatch	Price Strategy	N	N/A	N/A	N/A	MerchExtractKickOffBatch	daily	N	priceStrategyCalendarBatch.sh rpm-app-userid password
WorksheetAutoApproveBatch	Pricing Worksheet	Y	Price strategy	N/A	N/A	MerchExtractKickOffBatch	daily	N	worksheetAutoApproveBatch.sh rpm-app-userid password
MerchExtractKickOffBatch	Pricing Worksheet	Y	Price strategy	N/A	PriceEventExecutionBatch storeadd (RMS) WorksheetAutoApproveBatch	WorksheetAutoApproveBatch	daily	N	MerchExtractKickOffBatch.sh rpm-app-userid password
PurgeBulkConflictCheckArtifacts	Conflict Checking	N	N/A	N/A	wfcostralc (RMS) MerchExtractKickOffBatch	Wholesale Item Catalog Report (RMS)	daily	N	purgeBulkConflictCheckArtifacts.sh rpm-app-userid password
RPMTORPOSPublishBatch.sh	Price Change/Clearance/Promotion	N	N/A	N/A	MerchExtractKickOffBatch	N/A	daily	N	ksh RPMTORPOSPublishBatch.sh -userid/passwd@sid -<log path> -<error path>
RPMTORPOSPublishExport.sh	Price Change/Clearance/Promotion	Y	Location	N/A	WorksheetAutoApproveBatch	N/A	daily	N	ksh RPMTORPOSPublishExport.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	N/A	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	Y	Price event (item/loc)	N/A	ClearancePriceChangePublishBatch	N/A	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	N/A	daily/ad hoc	N	promotionPriceChangePublishExport.sh rpm-db-userid/pwd@database [export-path]





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
prddiffex.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
prddtypex.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
prdrpex.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
prdrisex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
prdrislex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
prdrimex.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
prdrimlex.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
prdrimlmax.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
prdrimlmax.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
prdrpimex.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
prdrbcex.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
prdrudex.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
regprgpx.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
regmrmex.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, 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
suptrmex.ksh	RDW interface	N	N/A	N/A	A, B, cntnmain (RMS)	Refer to RDW operations guide	daily	N	N/A
suptrms.ksh	RDW interface	N	N/A	N/A	A, B, cntnmain (RMS)	Refer to RDW operations guide	daily	N	N/A
trndrtpex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
thypex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
wfscustex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
wfscustgpx.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A

Fact source:

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
cmprtrclidx.ksh	RDW interface	N	N/A	N/A	B	Refer to RDW operations guide	daily	N	cmprtrclidx.ksh output_file_path/output_file_name
ctsidex.ksh	RDW interface	N	N/A	N/A	C	Refer to RDW operations guide	daily	N	ctsidex.ksh output_file_path/output_file_name
exchngtrates.ksh	RDW interface	N	N/A	N/A	B	Refer to RDW operations guide	daily	N	exchngtrates.ksh output_file_path/output_file_name
invldex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS), ordrev (RMS)	Refer to RDW operations guide	daily	Y	invldex.ksh output_file_path/output_file_name
invldidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS)	Refer to RDW operations guide	daily	N	invldidx.ksh output_file_path/output_file_name
ivrcpldex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS)	Refer to RDW operations guide	daily	N	ivrcpldex.ksh output_file_path/output_file_name
ivridex.ksh	RDW interface	N	N/A	N/A	C	Refer to RDW operations guide	daily	N	ivridex.ksh output_file_path/output_file_name
ivrididx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS)	Refer to RDW operations guide	daily	N	ivrididx.ksh output_file_path/output_file_name
ivruidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS)	Refer to RDW operations guide	daily	N	ivruidx.ksh output_file_path/output_file_name
iplocdex.ksh	RDW interface	N	N/A	N/A	C, saexprow (ReSA), resa2r2w	Refer to RDW operations guide	daily	N	iplocdex.ksh output_file_path/output_file_name
iplocidx.ksh	RDW interface	N	N/A	N/A	C, saexprow (ReSA), resa2r2w	Refer to RDW operations guide	daily	N	iplocidx.ksh output_file_path/output_file_name
ncstulidx.ksh	RDW interface	N	N/A	N/A	C, costcalc (RMS)	Refer to RDW operations guide	daily	N	ncstulidx.ksh output_file_path/output_file_name
post_dwi_temp.ksh	RDW interface	N	N/A	N/A	All extract batches	Refer to RDW operations guide	daily	N	N/A
prclidx.ksh	RDW interface	N	N/A	N/A	N/A	Refer to RDW operations guide	daily	N	prclidx.ksh output_file_path/output_file_name
pre_dwi_extract.ksh	RDW interface	N	N/A	N/A	A	salimh(RMS). Also refer to RDW operations guide	daily	N	N/A
pre_dwi_temp.ksh	RDW interface	N	N/A	N/A	B	Refer to RDW operations guide	daily	N	N/A
rpclidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS) C, cntprts (RMS), edlupavi (RMS),	Refer to RDW operations guide	daily	N	rpclidx.ksh output_file_path/output_file_name
savidex.ksh	RDW interface	N	N/A	N/A	C, rplappr (RMS)	Refer to RDW operations guide	daily	N	savidex.ksh output_file_path/output_file_name
scmiaidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	scmiaidx.ksh output_file_path/output_file_name
scmidex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	scmidex.ksh output_file_path/output_file_name
scrtidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	Y	scrtidx.ksh output_file_path/output_file_name
scrtldex.ksh	RDW interface	N	N/A	N/A	C, rplappr (RMS), cntprts (RMS), rplbd (RMS), cntnmain (RMS),	Refer to RDW operations guide	daily	N	scrtldex.ksh output_file_path/output_file_name
scldex.ksh	RDW interface	N	N/A	N/A	B, rml_rpas_forecast.ksh (RMS to RPAS extract)	Refer to RDW operations guide	daily	N	scldex.ksh output_file_path/output_file_name
slclwex.ksh	RDW interface	N	N/A	N/A	C, saexprow (ReSA), resa2r2w	Refer to RDW operations guide	daily	Y	slclwex.ksh output_file_path/output_file_name
slclwidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	slclwidx.ksh output_file_path/output_file_name
slsmkndidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	slsmkndidx.ksh output_file_path/output_file_name
slbimhex.ksh	RDW interface	N	N/A	N/A	C, salimh (RMS)	Refer to RDW operations guide	daily	N	slbimhex.ksh output_file_path/output_file_name
slbimdex.ksh	RDW interface	N	N/A	N/A	C, salweek (RMS)	Refer to RDW operations guide	daily	N	slbimdex.ksh output_file_path/output_file_name
tlidmex.ksh	RDW interface	N	N/A	N/A	C, saexprow (ReSA), resa2r2w	Refer to RDW operations guide	daily	N	tlidmex.ksh output_file_path/output_file_name
vhreschdex.ksh	RDW interface	N	N/A	N/A	B, savouch (ReSA)	Refer to RDW operations guide	daily	N	vhreschdex.ksh output_file_path/output_file_name
vhcmoveldsidx.ksh	RDW interface	N	N/A	N/A	B, savouch (ReSA)	Refer to RDW operations guide	daily	N	vhcmoveldsidx.ksh output_file_path/output_file_name
vhtroutdex.ksh	RDW interface	N	N/A	N/A	B, savouch (ReSA)	Refer to RDW operations guide	daily	N	vhtroutdex.ksh output_file_path/output_file_name
wfslidex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	n	wfslidex.ksh output_file_path/output_file_name
wfslsmkndidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	n	wfslsmkndidx.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  
 factoclosedm.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	N/A	AIP RETL Extracts	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_aloc_in_well.ksh	AIP interface	N	N/A	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	N/A	AIP RETL Extracts pre_rmse_aip.ksh, dlyprg	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_cp_po.ksh	AIP interface	N	N/A	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	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	N/A	AIP RETL Extracts pre_rmse_aip.ksh, vrpibkd, cntnordb	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_future_delivery_tsl.ksh	AIP interface	N	N/A	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	N/A	AIP RETL Extracts pre_rmse_aip.ksh, dlyprg	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_item_master.ksh	AIP interface	N	N/A	N/A	AIP RETL Extracts pre_rmse_aip.ksh, recldsy	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_item_retail.ksh	AIP interface	N	N/A	N/A	AIP RETL Extracts pre_rmse_aip.ksh, dlyprg	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_item_sale.ksh	AIP interface	N	N/A	N/A	AIP RETL Extracts pre_rmse_aip.ksh, sitmain	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, dlyprg	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, dlyprg	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_orghier.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh, dlyprg	Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_res_city.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh, vplbld, cntrodb, 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, dlyprg	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 dlyprg	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 reqext, posupid	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





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## Interface Diagrams for RMS and RPAS

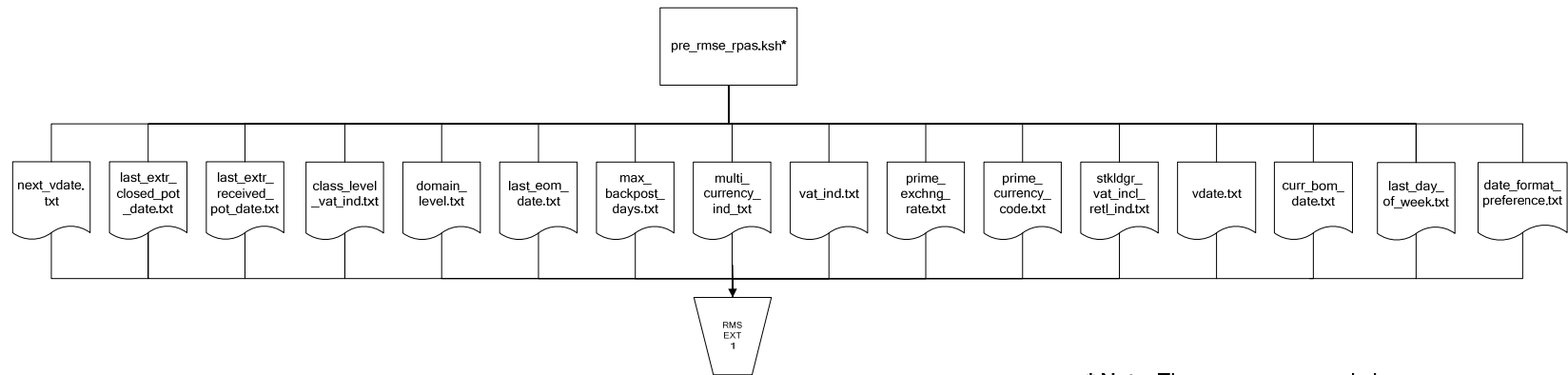
Because RMS is the retailer's central merchandising transactional processing system, it is the principle source of the foundation data needed in some of the Oracle Retail suite of products. RMS provides foundation data to RPAS, and RPAS provides planning data to RMS.

This chapter presents flow diagrams for data processing from sources. The source system's program or output file is illustrated, along with the program or process that interfaces with the source. After initial interface processing of the source, the diagrams illustrate the flow of the data.

Before setting up a program schedule, familiarize yourself with the functional and technical constraints associated with each program. Refer to the *Oracle Retail Merchandising System Operations Guide* for more information about these interface programs.

## RMS Pre/Post Extract Diagrams

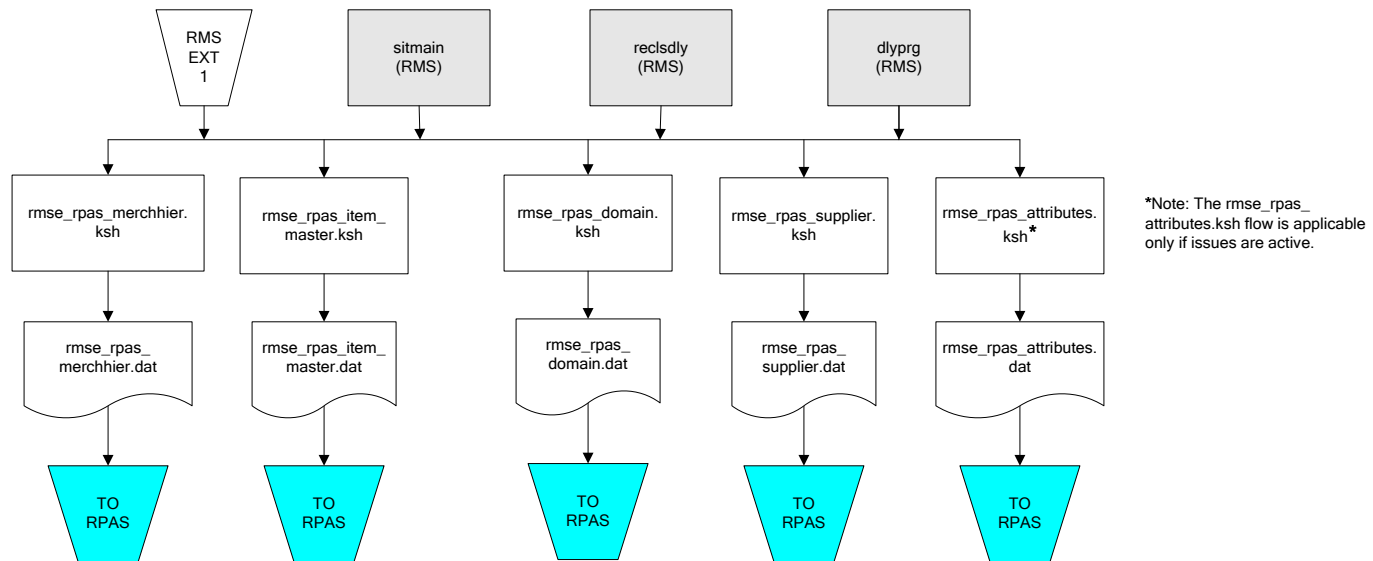
### RMS Pre RETL Extract Maintenance



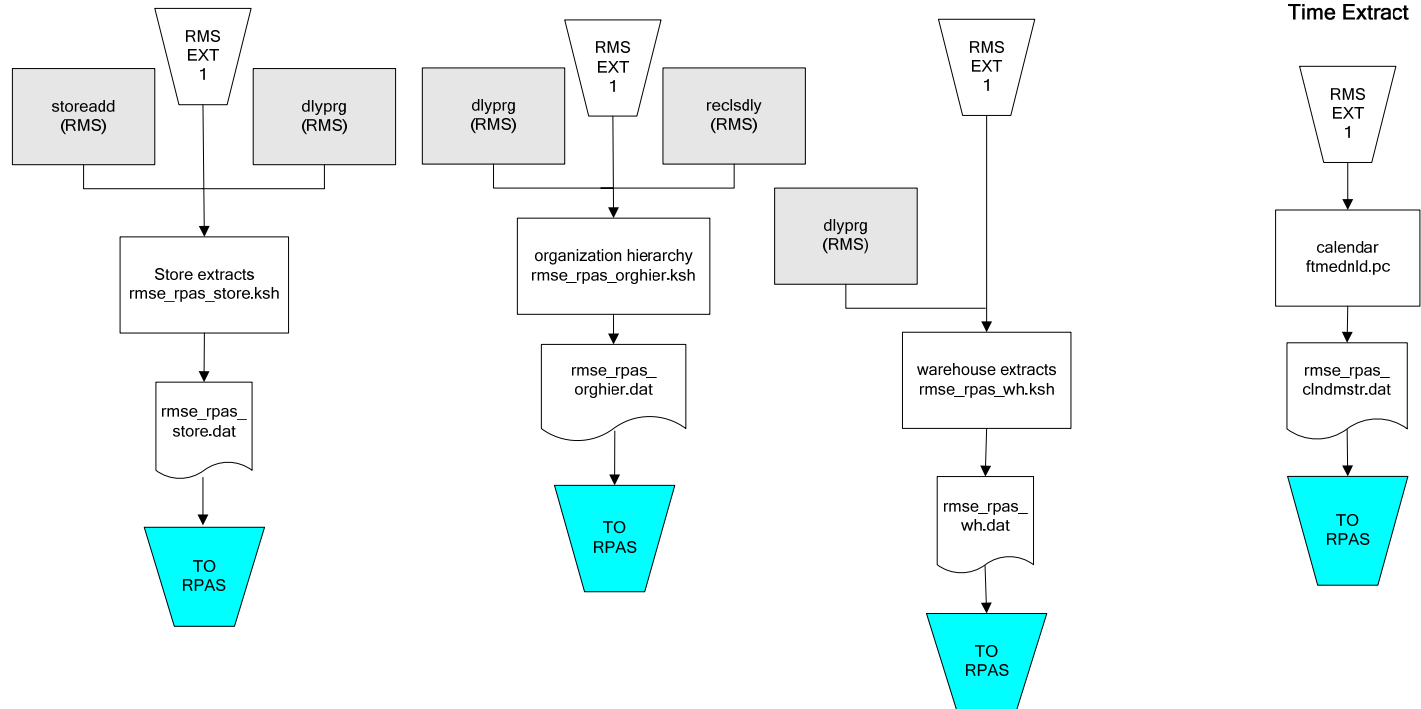
**\* Note:** The `pre_rmse_rpas.ksh` program checks for existing .txt output files. Because of this validation, retailers running the program for the first time should include an optional `-c` parameter. This parameter allows the program to run successfully without pre-existing .txt output files.

## RMS Foundation Data Extract Diagrams

### Merchandise Hierarchy for RPAS

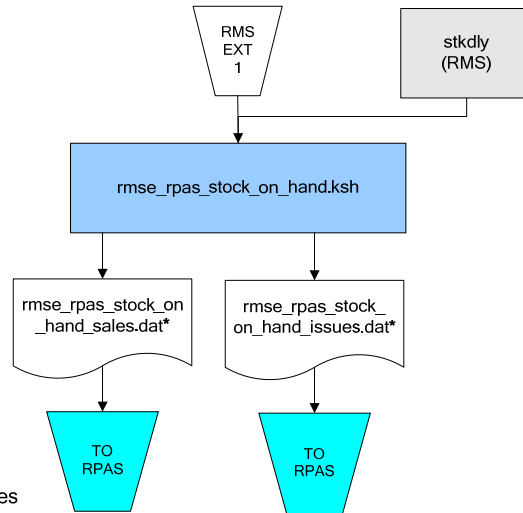


### Organization Hierarchy for RPAS





## RMS Fact Data Extract Diagrams

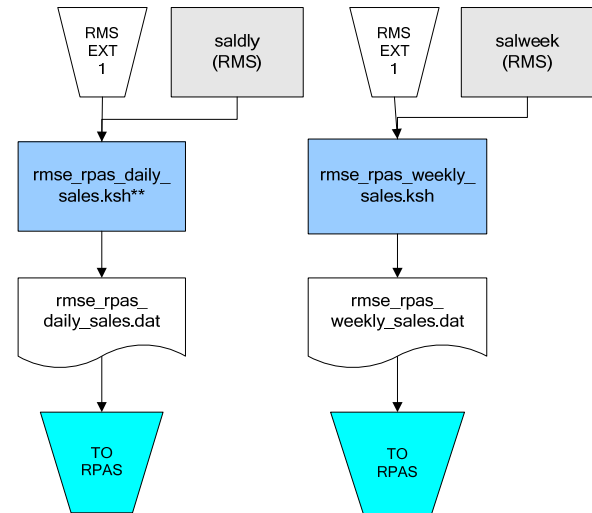


**\* Note:**

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

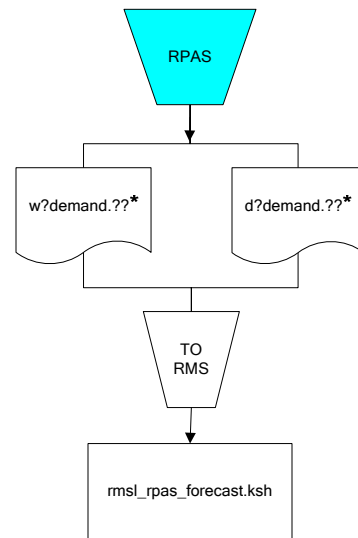
## Sales Extracts For RPAS



**\*\* 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.

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## Interface Diagrams for RMS and RDW

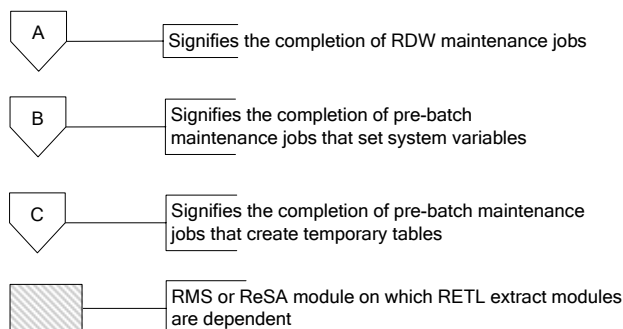
RMS works in conjunction with the Oracle Retail Extract Transform and Load (RETL) framework. RETL provides high-performance processing to extract data from Oracle Retail applications for use in data warehouses. The architecture allows database batch processes to take advantage of parallel processing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

This chapter presents flow diagrams for the RETL extraction RMS programs. The source system's program or output file is illustrated, along with the program or process that interfaces with the source. Note that the data flows are organized according to the logic (dimension data and table data) of Oracle Retail Data Warehouse (RDW), but you can use the data to suit your business needs.

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

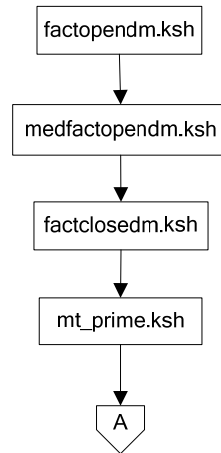
For summary information about the configuration, architecture, and features of RETL programs utilized in RMS/ReSA extractions, see the *Oracle Retail Management System Operations Guide Volume 3—Backend Configuration and Operations*. For more information about the RETL tool, see the current *RETL Programmer's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

### Legend

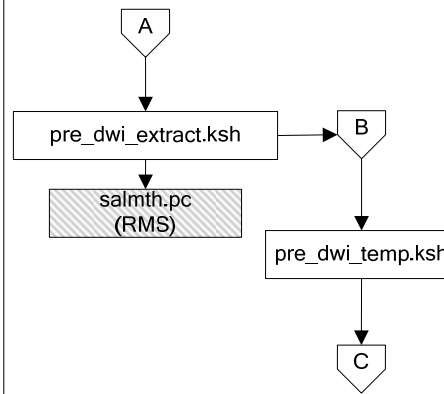


**Note:**  
The modules in this flow are RDW RETL scripts. If the retailer uses RDW, this flow must be completed before starting the pre-batch maintenance flow. If the retailer does not use RDW, these jobs are not required.

### RDW Maintenance

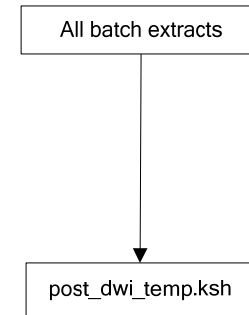


### Pre-Batch Maintenance

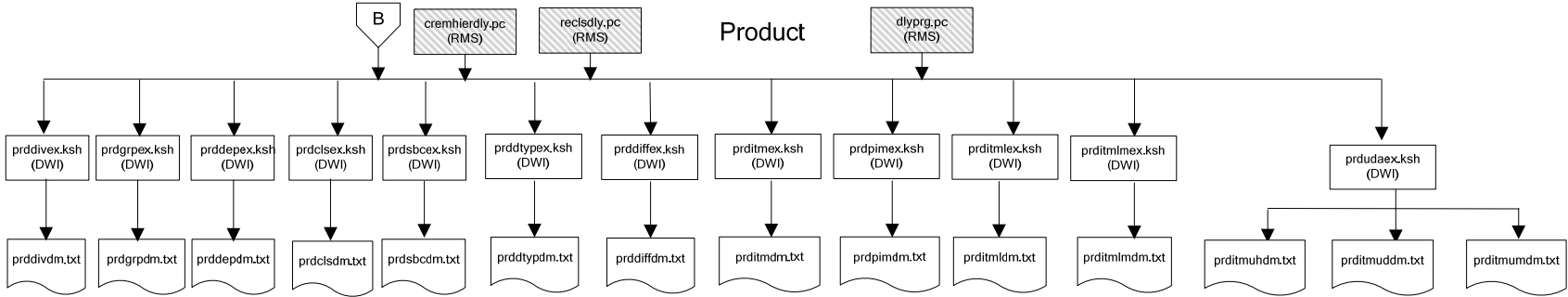


**Note:**  
salmth.pc resets the last eom\_date. Thus, it must be run after the system indicator is extracted by pre\_dwi\_extract.ksh.

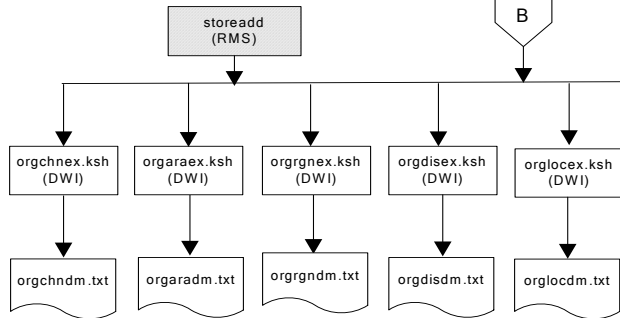
### Post-Batch Maintenance



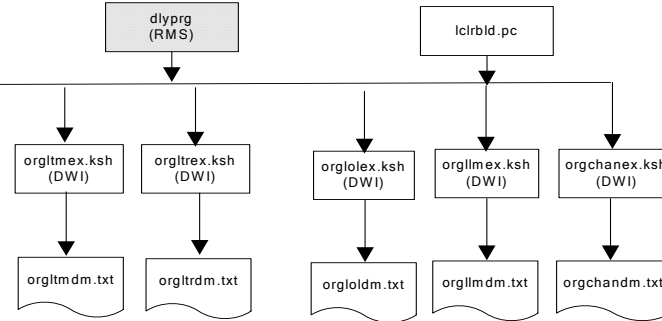
# Dimension Dataflows



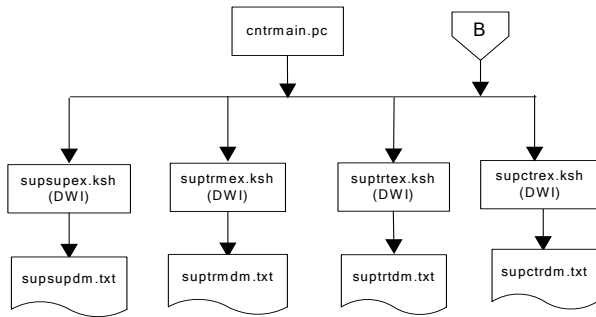
### Dimension Dataflows



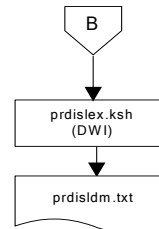
### Organization



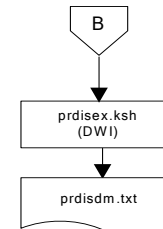
### Supplier Dimension



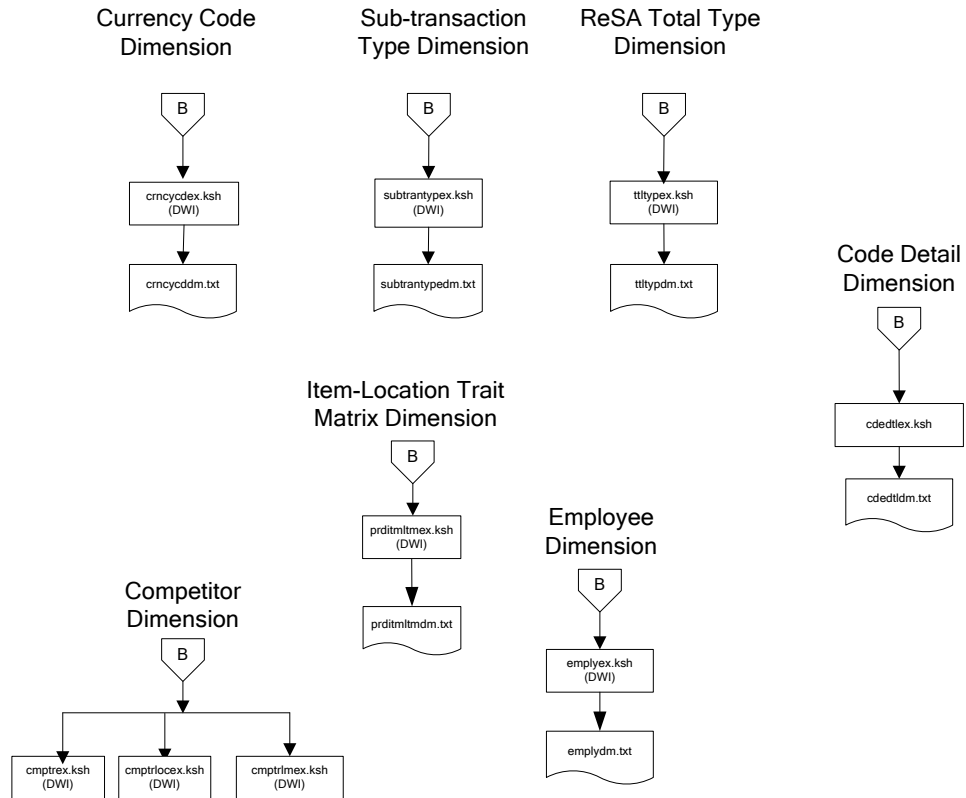
### Item-Supplier-Location Matrix Dimension



### Item-Supplier Dimension

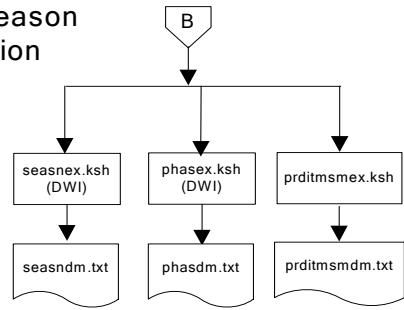


## Dimension Dataflows

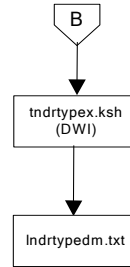


### Dimension Dataflows

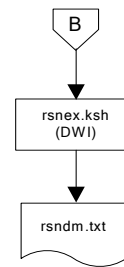
#### Product Season Dimension



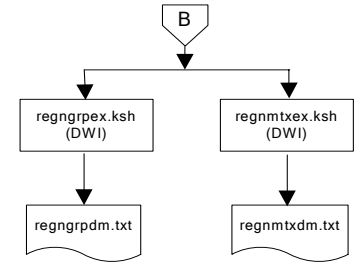
#### Tender Type Dimension



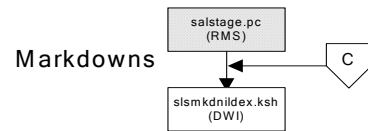
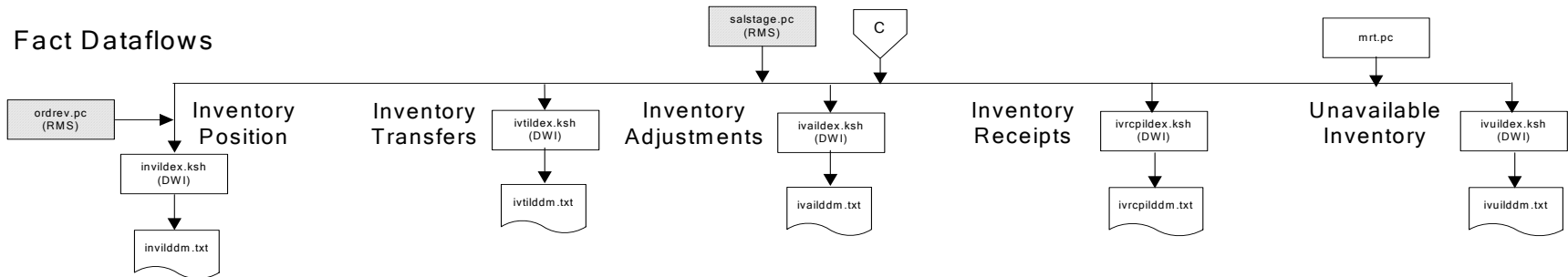
#### Reason Dimension



#### Regionality Dimension

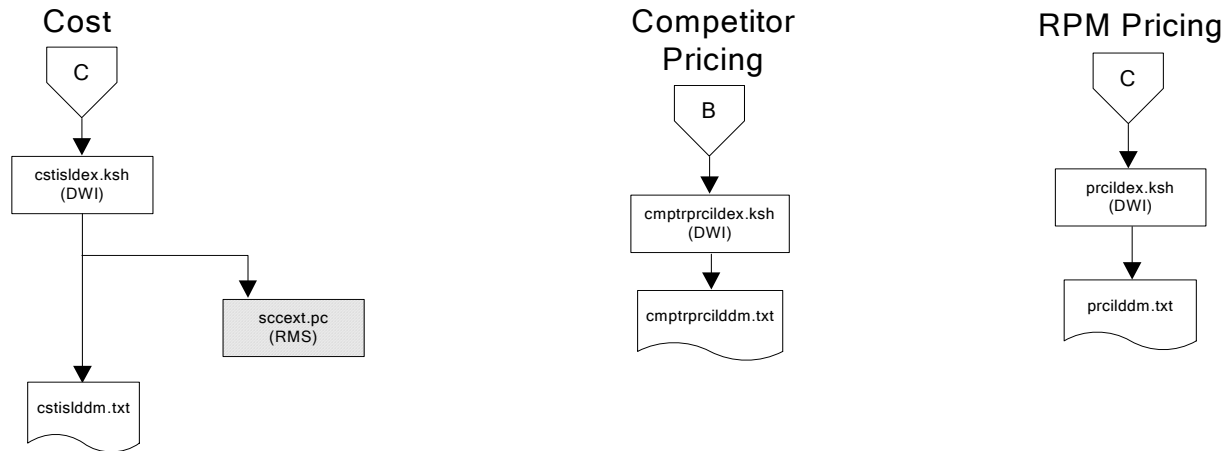


### Fact Dataflows

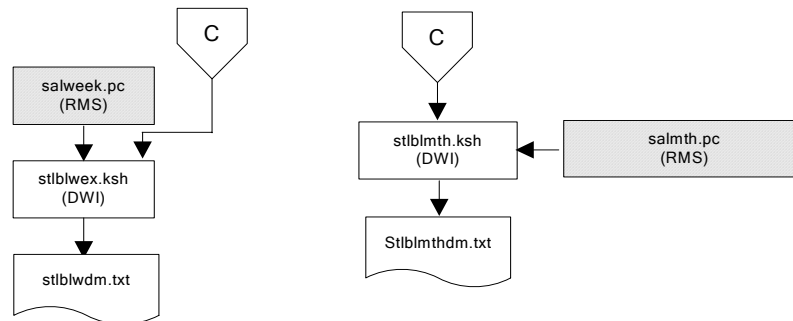




## Fact Dataflows

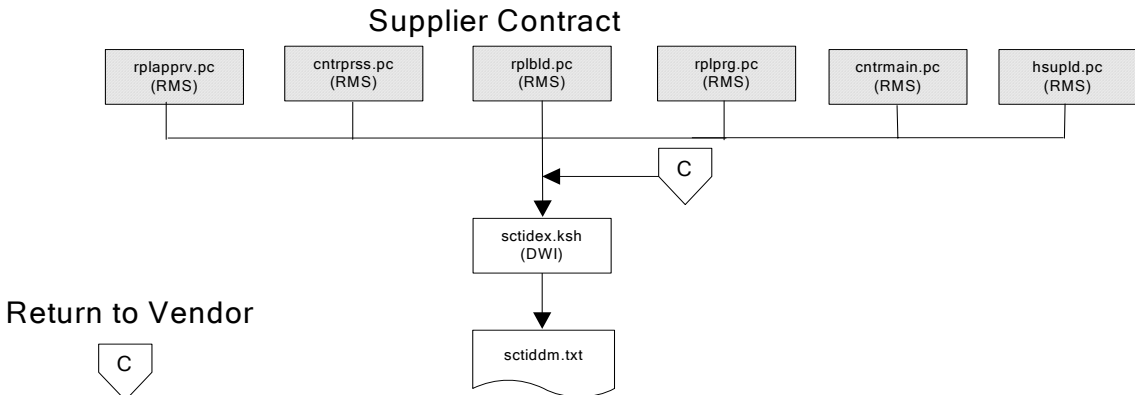
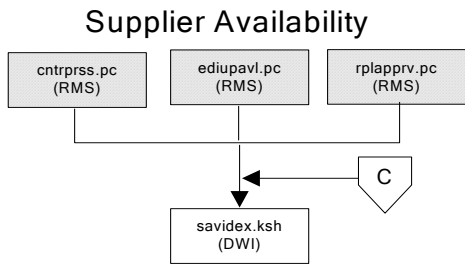


## Stock Ledger

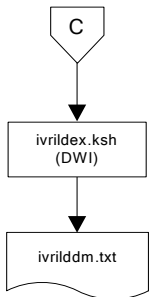


**Note:**  
Run stock ledger fact loads once weekly.

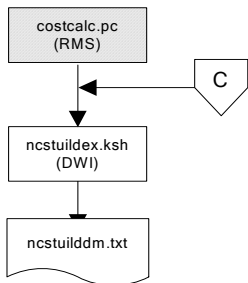
# Fact Dataflows



### Return to Vendor

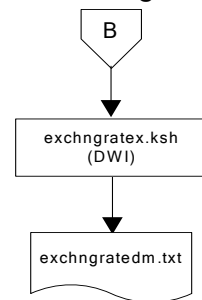


### Net Cost

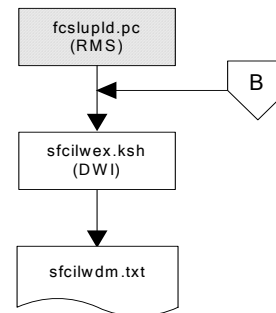


## Fact Dataflows

### Exchange Rates

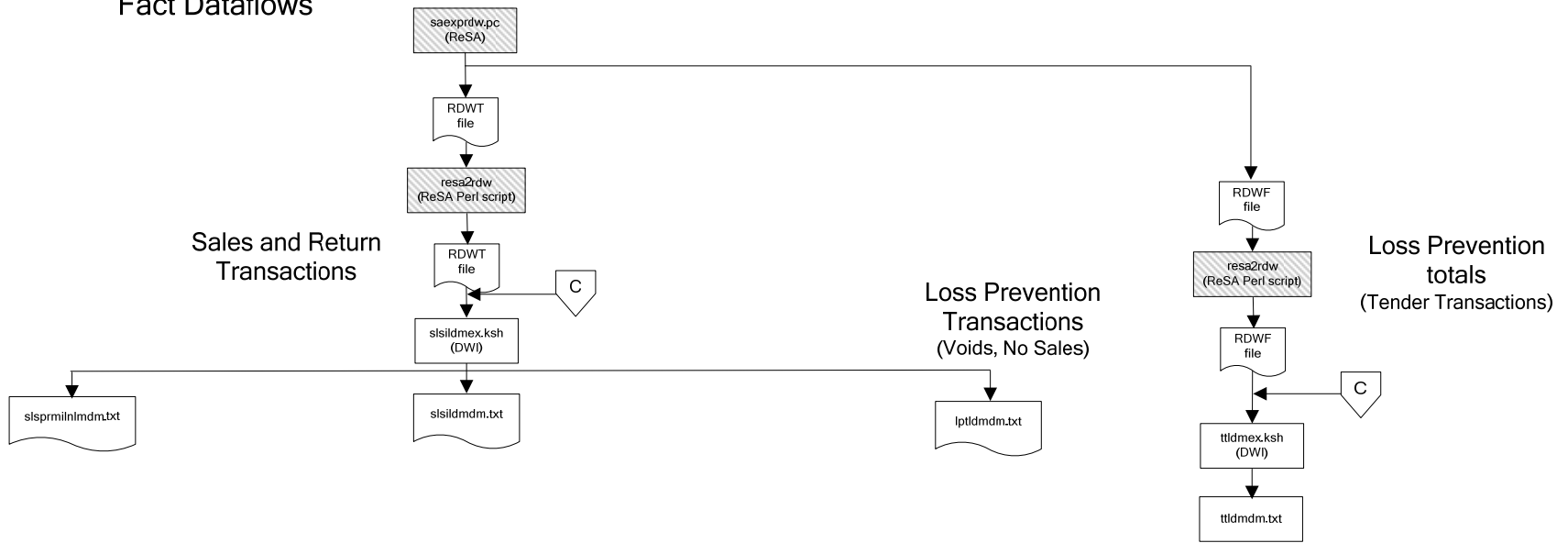


### Sales Forecasts

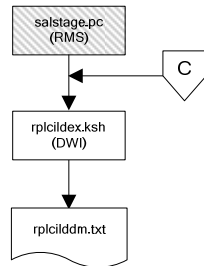


**Note:**  
Run sales forecast fact loads  
once weekly.

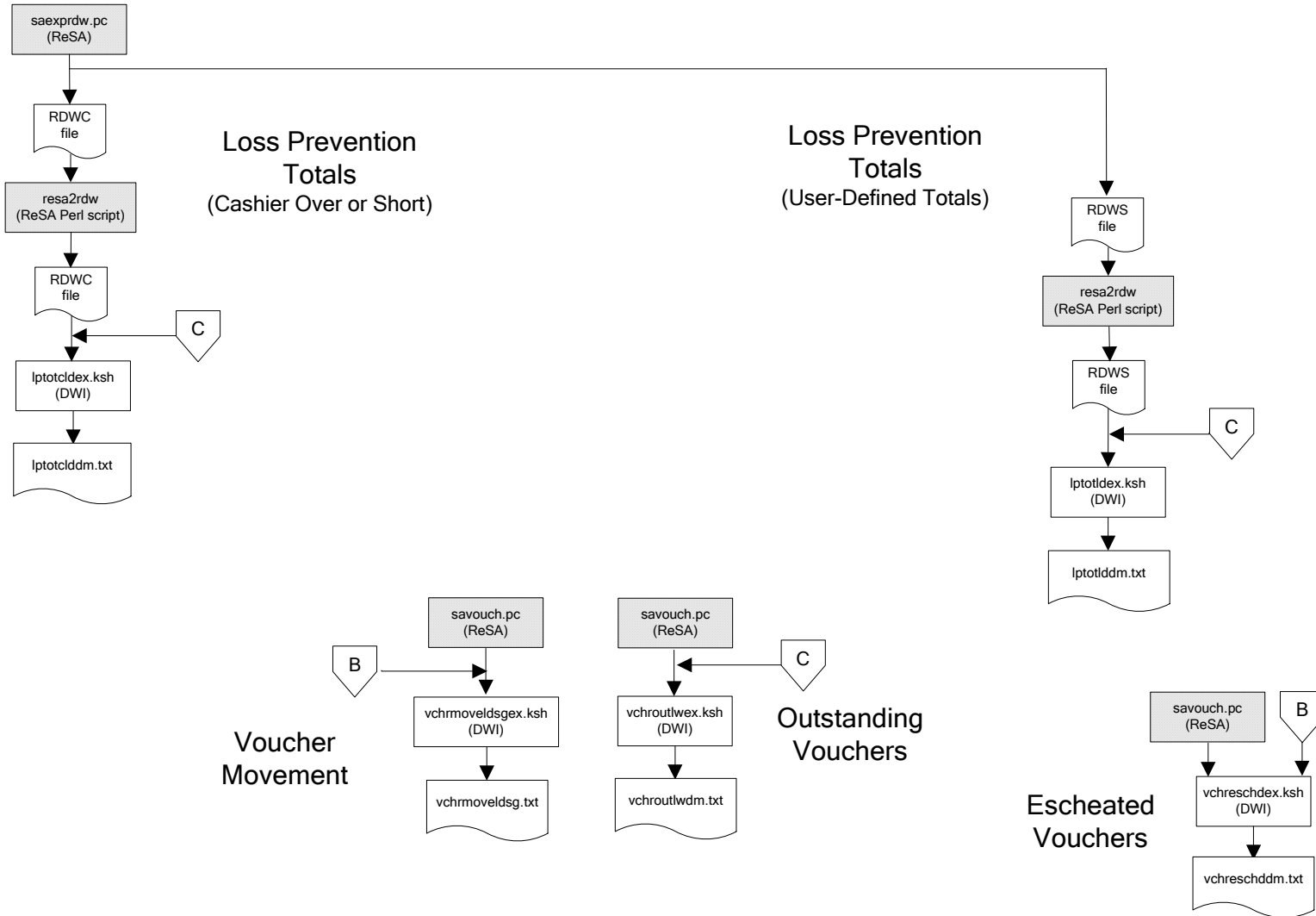
### Fact Dataflows



### Replacement

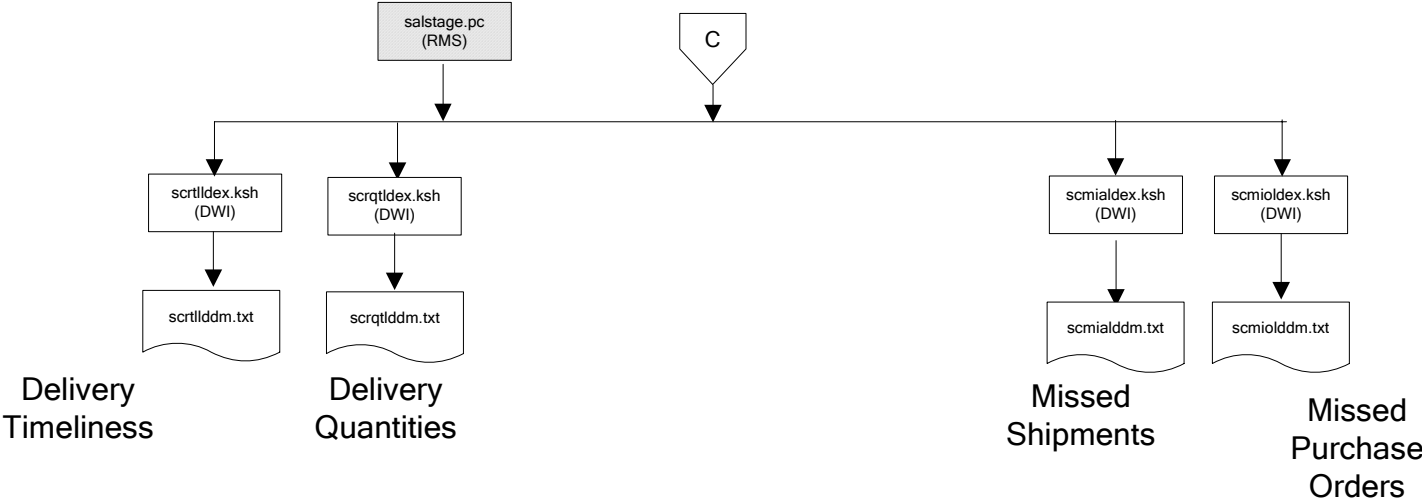


# Fact Dataflows



# Fact Dataflows

## Supplier Compliance



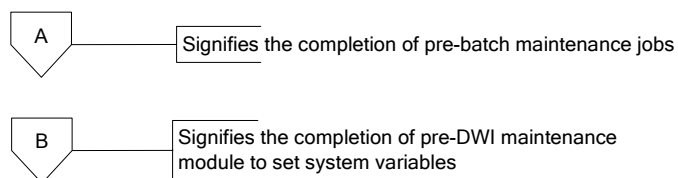
## Interface Diagram for RPM and RDW

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.

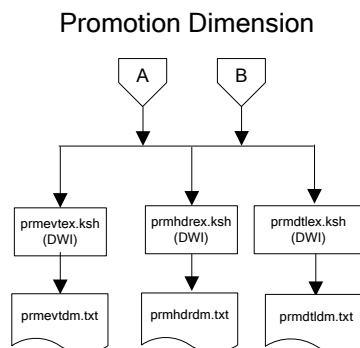
For detailed information about dimensions and facts, see the *Oracle Retail Data Warehouse Operations Guide*.

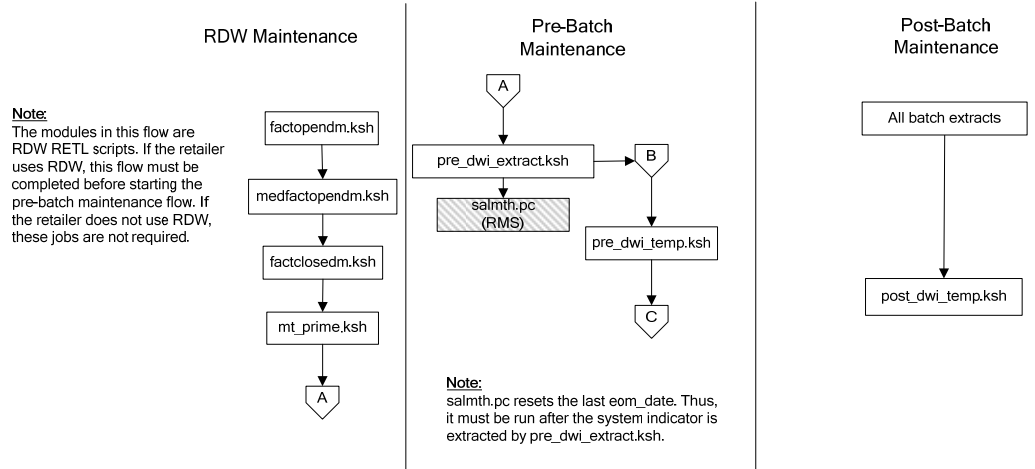
See the *Oracle Retail Merchandising System Operations Guide Volume 1—Batch Overviews and Designs* for more information about the modules shown in the following diagram.

### Legend



### Program Flow Diagram







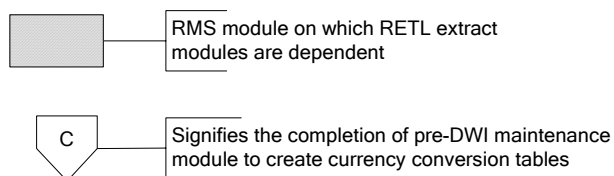
## Interface Diagram for ReIM and RDW

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*.

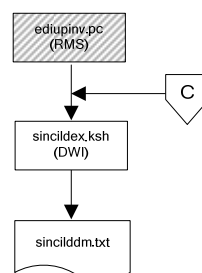
See the *Oracle Retail Merchandising System Operations Guide Volume 1—Batch Overviews and Designs* for more information about the modules shown in the following diagram.

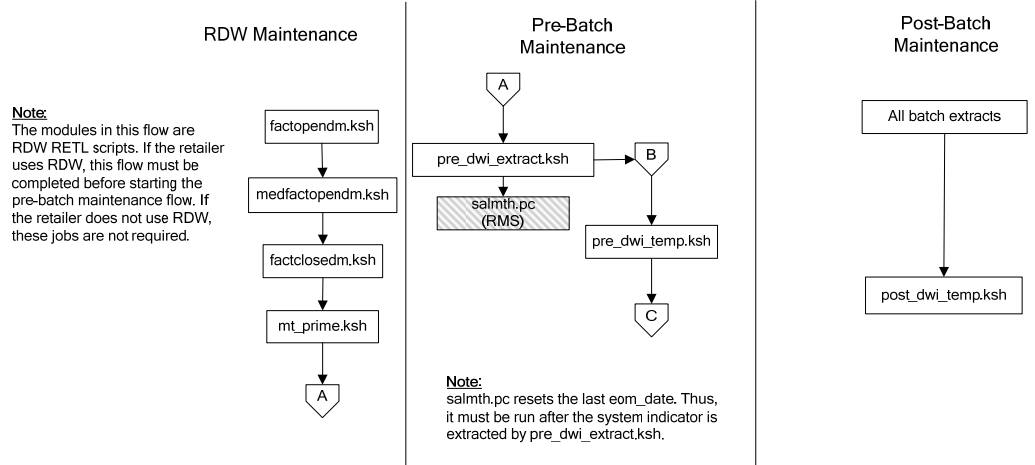
### Legend



### Program Flow Diagram

#### Supplier Invoice Cost





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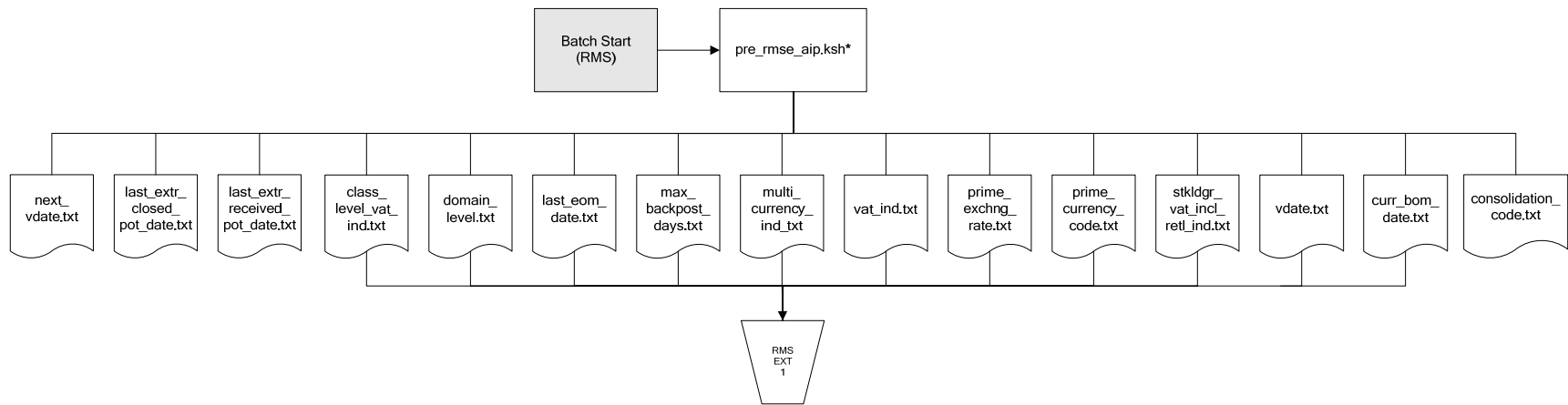
## Interface Diagrams for RMS and AIP

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.

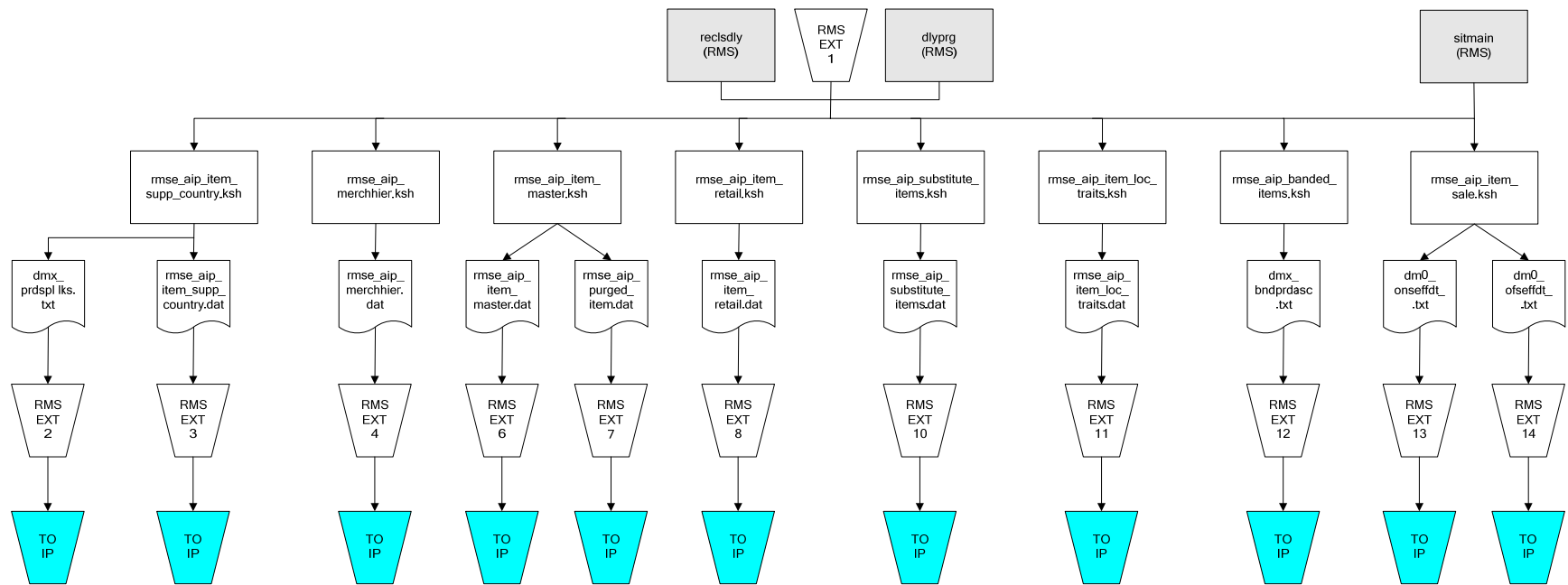
Before setting up a program schedule, familiarize yourself with the functional and technical constraints associated with each program. See the *Oracle Retail Merchandising System Operations Guide Volume 1—Batch Overviews and Designs* for more information about the modules shown in the following diagrams.

## RMS Pre/Post Extract Diagrams

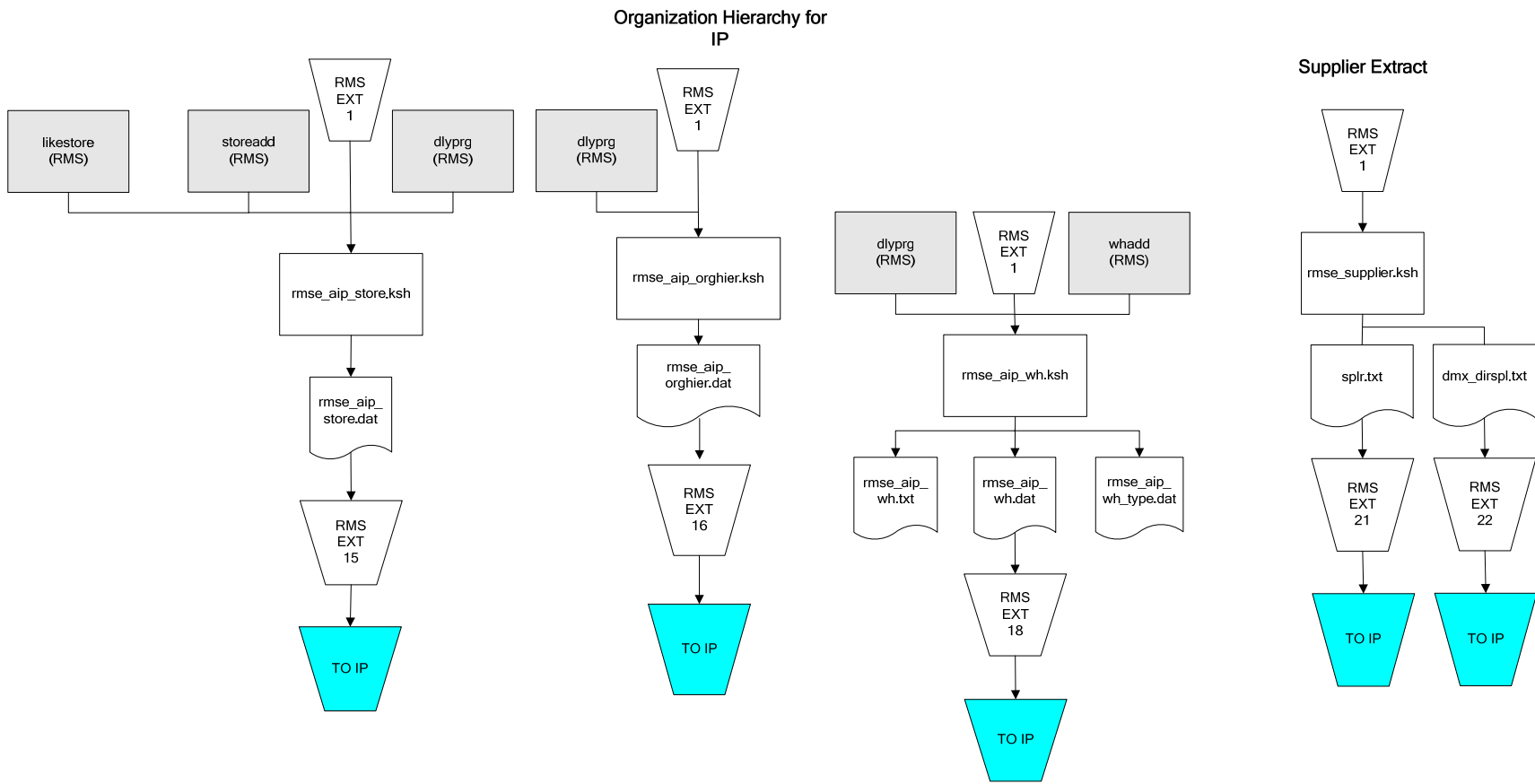
### RMS Pre RETL Extract Maintenance



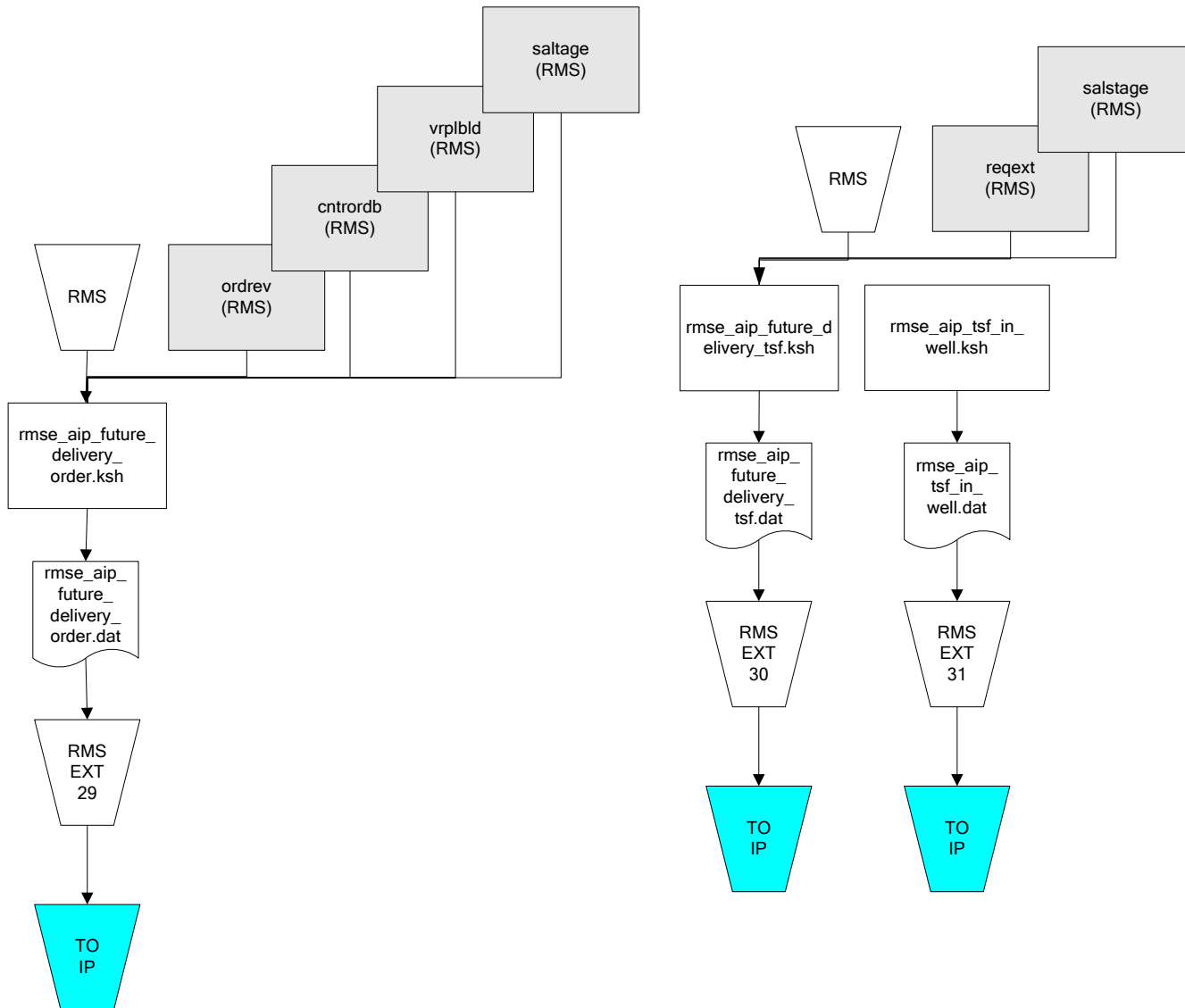
## RMS Foundation Data Extract Diagrams



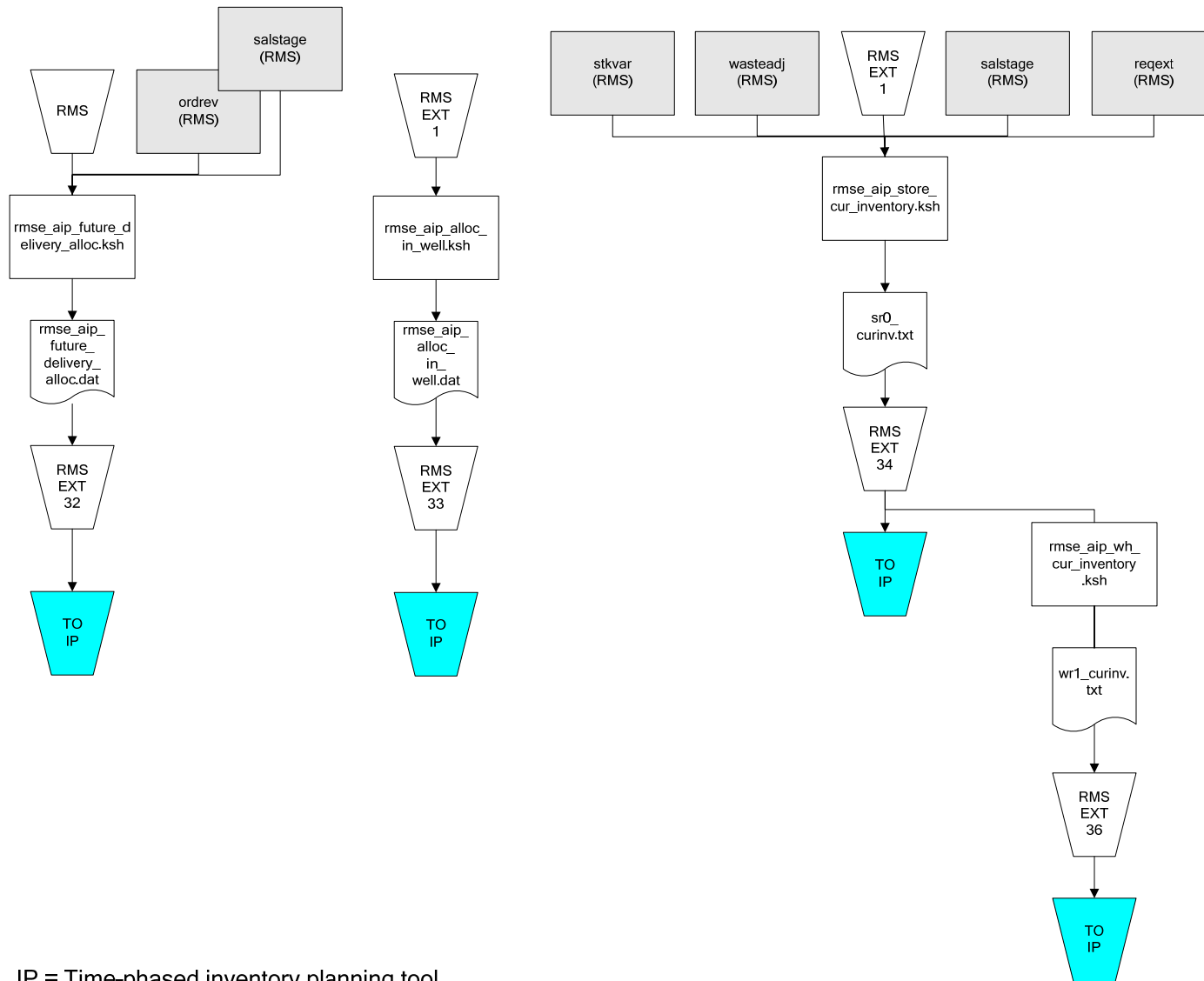
IP = Time-phased inventory planning tool



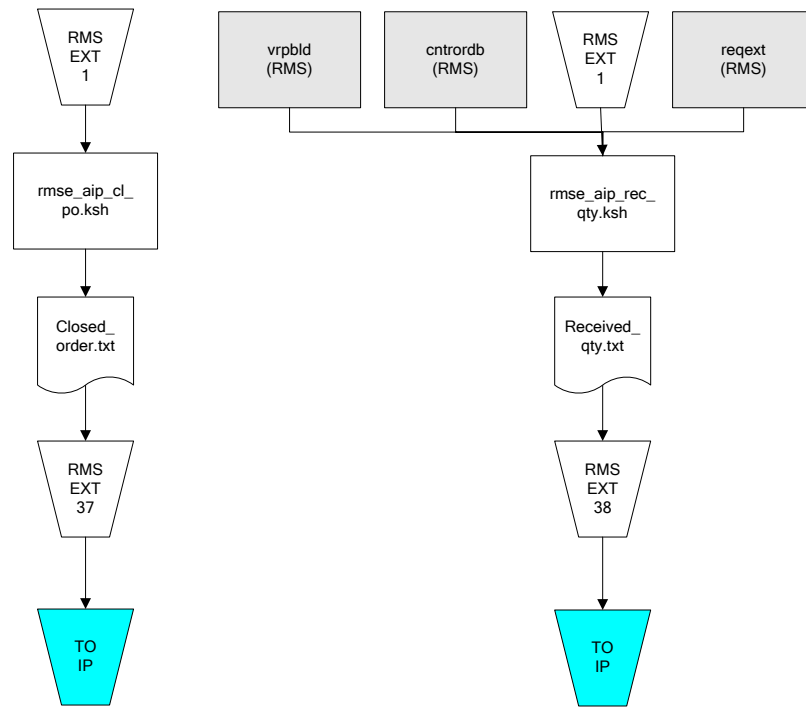
IP = Time-phased inventory planning tool



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IP = Time-phased inventory planning tool