

Oracle® Retail Merchandising

Batch Schedule

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Contents

Preface	vii
Audience	vii
Related Documents	vii
Customer Support	vii
Review Patch Documentation	viii
Oracle Retail Documentation on the Oracle Technology Network	viii
Conventions	viii
1 Introduction to Merchandising Batch Processing	1
Batch Processing	1
Types of Batch Programs	1
Batch Window	2
Batch Schedule and Phases	2
Merchandising Batch Schedule	3
Program List	3
Batch Schedule Diagram	5
RMS, ReIM, RTM Section	5
ReSA Section	6
RPM Section	6
Notations in the Batch Schedule Diagram	7
prepost Program	8
Modifications to the Batch Schedule	9
2 Program List	11
3 Batch Schedule Diagram	17
4 Interface Diagrams for RMS and RPAS	19
RMS Pre/Post Extract Diagrams	20
RMS Foundation Data Extract Diagrams	21
RMS Fact Data Extract Diagrams	23
RPAS-RMS Fact Load Diagram	24
5 Interface Diagrams for RMS and RDW	25
6 Interface Diagram for RPM and RDW	37
7 Interface Diagram for ReIM and RDW	39
8 Interface Diagrams for RMS and AIP	41
RMS Pre/Post Extract Diagrams	42
RMS Foundation Data Extract Diagrams	43

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 Invoice Matching Operations Guide*
- *Oracle Retail Invoice Matching Release Notes*
- *Oracle Retail Invoice Matching Data Model*

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.

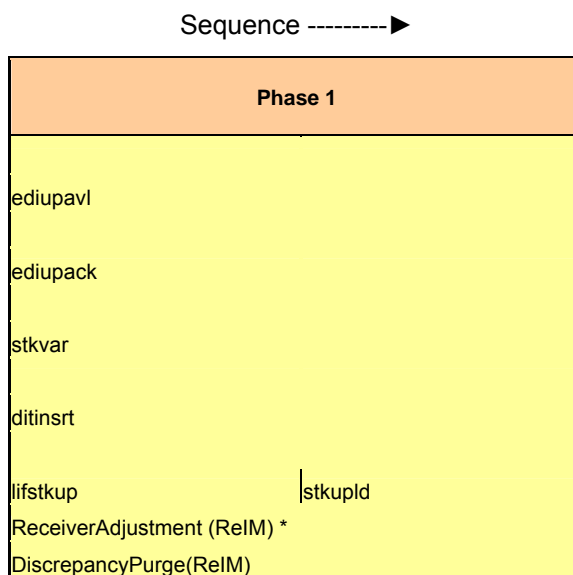
Each phase must be completed before the next phase can begin. Also, a phase may contain programs that depend on other programs within the phase. Programs within each phase may need to run in a particular sequence.

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

ociroq	cntnrddb reqext
--------	--------------------

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

ibexpl cntprss	ibcalc
-------------------	--------

Abbreviations

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

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

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

Modifications to the Batch Schedule

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

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

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

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

- Whether the Retail Integration Bus (RIB) is used
For more information about configuring the RIB for Merchandising applications, see “Configuring RPM without the RIB” in the “Backend System Administration and Configuration” chapter of the *Oracle Retail Price Management Operations Guide*.
- Whether full-featured or simplified Retail Price Management (RPM) is used
For more information about configuring simplified RPM, see the “Backend System Administration and Configuration” chapter in the *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 userid/passwd
auditsys	Audit	N	N/A	ad hoc	N/A	N/A	daily	N	auditsys userid/passwd
batch_orpos_extract.ksh	Point of Sale Interface	Y	Store	4	If RPM pricing info is reqd then run after extraction script	poscndid (only if generic POS extract is used)	daily	N	batch_orpos_extract.ksh userid/passwd [-p <no. of threads>] [DIR - location where extracts are to be generated]
ccprg	Costing	N	N/A	ad hoc	RPMtoORPOSPublishExport.sh	prepost poscndid post	monthly	N	ccprg userid/passwd
cednid	Trade Management	Y	Broker	2	N/A	N/A	daily	R	cednid userid/passwd broker_file_name
cmprpg	Pricing	N	N/A	ad hoc	N/A	N/A	daily	N	cmprpg userid/passwd
cmppagd	Pricing	N	N/A	ad hoc	N/A	All RPM batch modules	ad hoc	R	cmppagd userid/passwd input_file reject_file
cntrmain	Contracting	N	N/A	0	N/A	All Replenishment modules	daily	R	cntrmain userid/passwd
cntrordb	Contracting	Y	Contract	3	rplad	prepost cntrordb post	daily	R	cntrordb userid/passwd
cntrpass	Contracting	Y	Dept	3	rplst	rplid	daily	R	cntrpass userid/passwd
costcalc	Deals	Y	Supplier	2	precostcalc	prepost costcalc post	daily	R	costcalc userid/passwd supplier (May use the batch_costcalc.ksh for launching this program as it is created based on performance considerations)
cremhierdy	Reclassification	N	N/A	4	salstage	recsdy	daily	R	cremhierdy userid/passwd
deact	Deals	Y	Deal Id	3	prepost deact_nor pre	N/A	daily	R	deact userid/passwd
dealcis	Deals	N	N/A	3	prepost deact_sales pre	N/A	daily	R	dealcis userid/passwd
dealdy	Deals	Y	Location	3	dealinc	prepost dealdy post	monthly	R	dealdy userid/passwd
dealex	Deals	Y	Deal Id	3	precostcalc	dealcinc	daily	N	dealex userid/passwd
dealfct	Deals	Y	Deal Id	3	dealcinc	prepost dealfct pre	daily	R	dealfct userid/passwd [Y/N - EOM processing ind]
dealfinc	Deals	Y	Deal Id	3	deact	deact	weekly/ad hoc	R	dealfinc userid/passwd
dealinc	Deals	Y	Deal Id	3	prepost dealinc pre	salnth (if monthly)	monthly	R	dealinc userid/passwd [Y/N - EOM processing ind]
dealprg	Deals	N	N/A	ad hoc	N/A	N/A	monthly	R	dealprg userid/passwd
dealupld	Deals	Y	File-based	0	(This program is the first one in Deals batch)	(All other deals programs)	daily	R	dealupld userid/passwd input_file reject_file
dtrbld	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	dtrbld userid/passwd outfile
discothappy	OTB	Y	Dept	4	ordrcnt	N/A	daily	R	discothappy userid/passwd
distrocpub	Pricing/Transfers/Allocation Publish	Y	Store	3	PriceEventExecutionBatch(RPM)	N/A	daily	R	distrocpub userid/passwd
dtinrst	Deals	N	N/A	1	N/A	costcalc	daily	R	dtinrst userid/passwd (P or S) (supplier/partner). Partner or Supplier.
dyprg	Maintenance	N	N/A	0	N/A	ordrcnt	daily	N	appropriate calling script and passed into program. Note: (May use the batch_dtinrst.ksh for launching this program as it is created based on performance considerations)
doclose	Receiving	N	N/A	ad hoc	N/A	(All other batch programs)	daily	N	dyprg userid/passwd
dtesys	Calendar	N	N/A	date_set	sastdyr	N/A	daily	N	doclose userid/passwd
dumymychn	Receiving	N	N/A	ad hoc	(This program should run at the end of the batch cycle)	prepost dtesys post	daily	N	dtesys userid/passwd [ndate-YYYYMMDD format]
edidadd	Maintenance	N	N/A	ad hoc	N/A	N/A	ad hoc	N	dumymychn userid/passwd
edidcon	Contracting	N	N/A	ad hoc	N/A	N/A	ad hoc	N	edidadd userid/passwd edidadd_output edidadd_catalog
edidlinv	Invoice Matching	Y	Location	4	N/A	N/A	daily	R	edidcon userid/passwd edidcon_outfile
edidord	Ordering	N	N/A	4	ordrev	N/A	ad hoc	R	edidlinv userid/passwd output_filename
edidprd	EDI Interface - Sales and Inventory	N	N/A	4	(and after replenishment batch)	N/A	ad hoc	R	edidord userid/passwd filename
ediprg	EDI Interface - Purge	N	N/A	ad hoc	prepost edidprd pre	prepost edidprd post	daily	R	edidprd userid/passwd filename
edipackd	Maintenance	N	File-based	2	(Towards the end of the batch cycle)	N/A	monthly	R	ediprg userid/passwd
edipackp	EDI Interface - ordering	N	N/A	1	N/A	N/A	ad hoc	R	edipackd userid/passwd input_file reject_file
edupavl	EDI Interface - Contracts	N	File-based	1	N/A	N/A	ad hoc	R	edipackp userid/passwd data_file reject_file
edupcat	EDI Interface - Suppliers	N	File-based	ad hoc	N/A	N/A	daily	R	edupavl userid/passwd input_file reject_file
elcostcalc	Costing	Y	Supplier	ad hoc	N/A	prepost elcostcalc post	ad hoc	R	edupcat userid/passwd ed_data_file error_file
fcstprg	Forecasting	Y	Domain Id	ad hoc	prepost fcstprg pre	N/A	daily	N	elcostcalc userid/passwd
fcstbld	Forecasting	Y	Domain Id	3	N/A	prepost fcstprg post	daily	R	fcstprg userid/passwd domain
fcstbld_sbc	Forecasting	Y	Domain Id	3	prepost fcstbld post	N/A	weekly	R	fcstbld userid/passwd
fflgidn1	Financial Interface	Y	Dept	3	salstage	prepost fflgidn1 post	daily	R	fcstbld_sbc userid/passwd
fflgidn2	Financial Interface	Y	Dept	3	salstage	salapnd	daily	R	fflgidn1 userid/passwd
fflgidn3	Financial Interface	Y	Store/Wh	3	salnth	N/A	monthly	R	fflgidn2 userid/passwd
ftmednid	Planning System Interface	N	N/A	ad hoc	N/A	N/A	ad hoc	R	fflgidn3 userid/passwd
gcpuld	Misc Interface - Taxgeocode	N	N/A	ad hoc	N/A	N/A	ad hoc	R	ftmednid userid/passwd
genspress	Ordering	Y	Supplier	ad hoc	N/A	N/A	ad hoc	R	gcpuld -username/password@environment> <infile> <outfile>
gradupld	Forecasting	N	File-based	ad hoc	N/A	N/A	ad hoc	R	genspress userid/passwd
hsatbld	Sales	Y	Location	3	posupld	prepost hsatbld post	weekly	R	gradupld userid/passwd input_file rej_file
hsatbld_diff	Sales	N	N/A	ad hoc	prepost hsatbld pre (for rebuild all)	N/A	ad hoc	N	hsatbld userid/passwd level/weekly/rebuild
hsatbldmth	Sales	Y	Dept	3	posupld	prepost hsatbldmth post	ad hoc	R	hsatbld_diff userid/passwd
hsatbldmth_diff	Sales	N	N/A	ad hoc	N/A	prepost hsatbld post	ad hoc	N	hsatbldmth userid/passwd level/monthly/rebuild
hstmhupd	Sales	Y	Location	3	(The program should be run on the last day of the month).	prepost hstbld post	ad hoc	N	hsatbldmth_diff userid/passwd
hstprg	Sales	N	N/A	ad hoc	N/A	(Run SQL*Loader using the control file hstmhupd.cnt to load data from the output file	monthly	R	hstmhupd userid/passwd (out_file)
hstprg_diff	Sales	N	N/A	ad hoc	N/A	written by HSTMHUPD.PC for non-existent records on ITEM_LOC_HIST_MTH)	monthly	N	hstprg userid/passwd
hstwkupd	Sales	Y	Store/Wh	3	N/A	Run SQL*Loader using the control file hstwkupd.cnt to load data from the output file	weekly	R	hstprg_diff userid/passwd
htsupld	Trade Management	Y	File-based	ad hoc	Hts240, to 2400 (perl script)	written by HSTWKUPD.PC for non-existent records on ITEM_LOC_HIST	ad hoc	R	hstwkupd userid/passwd (out_file)
ibcalc	Investment Buy	Y	Dept	3	Ushts2rms (perl script)	N/A	ad hoc	R	htsupld userid/passwd input_file reject_file country_id; perl hts_240_to_2400 inputfile outputfile; perl ushts2rms inputfile outputfile rejectfile
ibexpl	Investment Buy	N	N/A	3	prepost ibcalc pre	rbld	daily	R	ibcalc userid/passwd
invaprg	Inventory Adjustments	N	N/A	ad hoc	rplst	ibcalc	daily	N	ibexpl userid/passwd
invshp	Invoice Matching	N	N/A	2	N/A	N/A	monthly	N	invaprg userid/passwd
invprg	Invoice Matching	N	N/A	ad hoc	N/A	N/A	daily	N	invshp userid/passwd
lcnid	Letter of Credit	N	N/A	ad hoc	ordprg	N/A	monthly	R	invprg userid/passwd
lcnidmth	Maintenance - Location	N	N/A	4	N/A	lcm700 (perl script)	daily	R	lcnid userid/passwd output_file
lcnidmth_diff	Letter of Credit	N	N/A	ad hoc	storeadd	N/A	monthly	R	lcnidmth userid/passwd
lcup798	Letter of Credit	N	N/A	2	N/A	lcm707 (perl script)	daily	R	lcnidmth_diff userid/passwd
lcupid	Letter of Credit	N	N/A	2	lcm798 (perl script)	N/A	daily	R	lcup798 userid/passwd input_file rej_file
lftskup	Stock Ledger	N	File-based	1	lcm730 (perl script)	N/A	daily	R	lcupid userid/passwd input_file rej_file
likestore	Maintenance - Location	Y	Dept	ad hoc	inv_bal_upload.sh (warehouse mgmt program)	stsupld	daily	N	lftskup userid/passwd input_file output_file
					storeadd	prepost likestore post	daily	R	likestore userid/passwd

mrt	Mass Return Transfers	Y	Warehouse	2	N/A	mrttrv						mrt	userid/passwd
mrtprg	Mass Return Transfers	Y	Warehouse	ad hoc	N/A	mrtupd		daily	ad hoc	R		mrtprg	userid/passwd
mrttrv	Mass Return Transfers	Y	Warehouse	2	mrt	mrtupd		daily		R		mrttrv	userid/passwd
mrtupd	Mass Return Transfers	Y	Warehouse	2	mrttrv	N/A		daily		R		mrtupd	userid/passwd
nwpurge	Stock Ledger	N	N/A	ad hoc	N/A	N/A		ad hoc		N		nwpurge	userid/passwd
nwpyearend	Stock Count	Y	Location	4	run on last day of year	N/A		yearly		R		nwpyearend	userid/passwd
ocicrq	Replenishment	N	N/A	3	repladj	N/A		daily		R		ocicrq	userid/passwd
onictext	Planning System Interface	Y	Transfer	4	onordext	onordnd		weekly		R		onictext	userid/passwd datefile
onordnd	Planning System Interface	Y	Store/Wh	4	onictext	N/A		daily		R		onordnd	userid/passwd
onordext	Planning System Interface	Y	Order	4	prepost onordext pre	onictext		daily		R		onordext	userid/passwd datefile
ordautcl	Ordering	N	N/A	ad hoc	N/A	N/A		daily		N		ordautcl	userid/passwd
ordscnt	Deals	Y	Supplier	4	reclsdly	discothapply	dealcls	daily		R		ordscnt	userid/passwd
ordprg	Ordering	N	N/A	ad hoc	N/A	invprg		monthly		N		ordprg	userid/passwd
ordrev	Ordering	N	N/A	4	ordscnt	addord		daily		R		ordrev	userid/passwd
ordupd	Ordering	N	N/A	4	scocst	otbdord		daily		N		ordupd	userid/passwd
otbdord	OTB	N	N/A	4	otbdupd	otbdord		daily		R		otbdord	userid/passwd output_file
otbdisal	OTB	N	N/A	4	otbdupd	N/A		daily		R		otbdisal	userid/passwd output_file
otbdnd	OTB	N	N/A	4	otbdupd	N/A		daily		R		otbdnd	userid/passwd output_file
otbprg	OTB	N	N/A	ad hoc	N/A	N/A		monthly		N		otbprg	userid/passwd
otbuprwd	OTB	Y	File-based	ad hoc	N/A	N/A		daily		R		otbuprwd	userid/passwd input_file reject_file
otbupld	OTB	Y	File-based	ad hoc	N/A	N/A		daily		R		otbupld	userid/passwd input_file reject_file
poscndid	Point of Sale Interface	N	N/A	4	poscndid	prepost poscndid post		daily		R		poscndid	userid/passwd outputfile
poscndid	Point of Sale Interface	Y	ad hoc	ad hoc	N/A	prepost poscndid post		daily		R		poscndid	userid/passwd output_filename
poscndid	Point of Sale Interface	N	N/A	4	reclsdly	N/A		daily		R		poscndid	userid/passwd output_file
posupld	Sales	Y	File-based	2	saexprms(ReSA)	prepost posupld post	salstage	daily		R		posupld	userid/passwd infile refille vaffile itemfile lockfile
precostcalc	Deals	Y	Supplier	2	dltnrst	costcalc		daily		R		precostcalc	userid/passwd supplier (May use the batch_precostrcalc.ksh for launching this program as it is created based on performance considerations)
prepost	Pre/post functionality	N	N/A	all phases	prepost precostcalc pre	N/A		daily		N		prepost	userid/passwd program pre_or_post
reclsdly	Item Maintenance	Y	Reclass no	4	cremhierdy	prepost reclsdly post		daily		R		reclsdly	userid/passwd process_mode
repladj	Replenishment	Y	Dept	3	rplatusd	reget		daily		R		repladj	userid/passwd
replsizeprofile	Replenishment	N	N/A	ad hoc	prepost replsizeprofile pre	N/A		ad hoc		N		replsizeprofile	userid/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)
reqlst	Replenishment	Y	Partition (Item)	3	prepost reqlst pre	prepost reqlst post	rplex	daily		R		reqlst	userid/passwd partition_position (May use the batch_reqlst.ksh for launching this program as it is created based on performance considerations)
rlmaint	Replenishment	Y	Location	3	storeadd	prepost rlmain post		daily		R		rlmaint	username/password
rlapprv	Replenishment	N	N/A	3	scocst	rplatusd						rlapprv	userid/passwd
rlathistprg	Replenishment	N	N/A	ad hoc	rplsplit	prepost rlapprv pre						rlathistprg	userid/passwd (This batch may be run only if repl_attr_retention_weeks in system_options table is set)
rplatusd	Replenishment	Y	Location	3	supcnstr	prepost rplatusd post						rplatusd	userid/passwd
rlbid	Replenishment	Y	Supplier	3	prepost rplatusd pre	repladj		daily		R		rlbid	userid/passwd
rlpext	Replenishment	Y	Dept	3	reqlst	reqlst		daily		R		rlpext	userid/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	ibcalc	reqlst		daily		N		rlprg	userid/passwd
rlprg_month	Replenishment	N	N/A	ad hoc	rlpext	reqlst		daily		N		rlprg_month	userid/passwd
rlsplit	Replenishment	Y	Supplier	3	cntrprss	reqlst		daily		R		rlsplit	userid/passwd
rlpmovavg	Pricing	Y	Store	3	rlbid	reqlst		daily		R		rlpmovavg	userid/passwd business_date(YYYYMMDD) store(optional)
rlvrg	RTV	N	N/A	ad hoc	ibexpi	reqlst		daily		N		rlvrg	userid/passwd
rsacrypt	Sales Audit	Y	Store/Day	SA	prepost rpl pre	reqlst		daily		N		rsacrypt	userid/passwd infile outfile key_file e/d (Encryption/Decryption indicator)
rsaescheat	Sales Audit	N	N/A	SA	rplatusd	reqlst		daily		R		rsaescheat	userid/passwd
rsaesxach	Sales Audit	N	N/A	SA	rlmain	reqlst		daily		R		rsaesxach	userid/passwd
rsaesxgl	Sales Audit	N	N/A	SA	repladj	reqlst		daily		R		rsaesxgl	userid/passwd
rsaesxpm	Sales Audit	N	N/A	SA	reqlst	reqlst		daily		R		rsaesxpm	userid/passwd
rsaesxrdw	Sales Audit	Y	Store	SA	reqlst	reqlst		daily		R		rsaesxrdw	userid/passwd ; perl res2rdw.inputfile.outputfile
rsaesxrms	Sales Audit	Y	Store	SA	reqlst	reqlst		daily		R		rsaesxrms	userid/passwd
rsaesxuar	Sales Audit	N	N/A	SA	reqlst	reqlst		daily		R		rsaesxuar	userid/passwd
rsagetref	Sales Audit	N	N/A	SA	reqlst	reqlst		daily		R		rsagetref	userid/passwd itemfile wastefile ref_itemfile prim_variantfile varupfile storedayfile codesfile errorfile cvaffile
rsaimpadj	Sales Audit	N	N/A	SA	reqlst	reqlst		daily		R		rsaimpadj	userid/passwd itemfile wastefile ref_itemfile prim_variantfile varupfile storedayfile codesfile errorfile cvaffile
rsaimptlog	Sales Audit	Y	Store/Day	SA	reqlst	reqlst		daily		R		rsaimptlog	userid/passwd itemfile wastefile ref_itemfile prim_variantfile varupfile storedayfile codesfile errorfile cvaffile
rsaimptlogfin	Sales Audit	N	N/A	SA	reqlst	reqlst		daily		R		rsaimptlogfin	userid/passwd itemfile wastefile ref_itemfile prim_variantfile varupfile storedayfile codesfile errorfile cvaffile
rsalapnd	Stock Ledger	N	N/A	3	reqlst	reqlst		daily		R		rsalapnd	userid/passwd
rsaldly	Stock Ledger	Y	Store/Wh	3	reqlst	reqlst		daily		R		rsaldly	userid/passwd
rsaleoh	Stock Ledger	Y	Dept	3	reqlst	reqlst		daily		N		rsaleoh	userid/passwd
rsalins	Sales	N	N/A	0	reqlst	reqlst		daily		R		rsalins	userid/passwd
rsalmaint	Stock Ledger	N	N/A	ad hoc	reqlst	reqlst		daily		N		rsalmaint	userid/passwd pre_or_post
rsalmth	Stock Ledger	Y	Dept	3	reqlst	reqlst		daily		R		rsalmth	userid/passwd

salprg	Stock Ledger	N	N/A		ad hoc	N/A	N/A	daily	N	salprg user/passwd
						salldy salapnd dealtct rpmnmovavg tfldgn2	salweek tfldgn1			
salstage	Stock Ledger	N	N/A	3	posupld salldy stkdy salapnd prepost salweek pre dealtct dealinc vendinvc vendinvf SA audit process N/A saprepost sapurge pre (This program should be run as the last program in the ReSA batch schedule)			daily	N	salstage user/passwd
salweek	Stock Ledger	Y	Dept	3	vendinvf	salnth		weekly	R	salweek user/passwd
sapreexp	Sales Audit	N	N/A	SA	SA	prepost salweek post (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 post		daily	R	sapurge user/passwd deleted_items_file [optional list of store days to be deleted]
sarules	Sales Audit	N	N/A	SA	satotals	sapreexp	saescheat	daily	R	sarules user/passwd store_no
					(It should run before the DTESYS batch program and before the next store/day's transactions are received)					
saatdyrc	Sales Audit	N	N/A	date_set	SA	dteys		daily	R	saatdyrc user/passwd [YYYYMMDD]
saatals	Sales Audit	N	N/A	SA	saamptogfn	saamptogfn		daily	R	saatals user/passwd store_no
savouch	Sales Audit	N	N/A	SA	saamptogfn	saamptogfn		daily	R	savouch user/passwd infile refille tendertype_file
scocext	Costing	Y	Cost change	3	catstdex.kah	prepost scocext post		daily	R	scocext 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	icirbid	N/A		ad hoc	R	stmain user/passwd
soutndid	Forecasting	Y	Domain Id	4	N/A	N/A		daily	R	soutndid user/passwd
stkdy	Stock Ledger	Y	Dept	3	stklar	salweek		daily	R	stkdy user/passwd
stkgprg	Stock Ledger	N	N/A	ad hoc	N/A	prepost stkgprg post		monthly	N	stkgprg user/passwd
stkschedxpld	Stock Ledger	Y	Location	0	N/A	stksxpld		daily	R	stkschedxpld user/passwd
					prepost stksupd pre					
stksupd	Stock Ledger	Y	Location	3	stksxpld	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]
stksxpld	Stock Ledger	Y	Dept	3	stkschedxpld	stksupd		daily	R	stksxpld user/passwd
ststdid	Stock Ledger	Y	Dept	4	wasteadj	N/A		weekly	R	ststdid user/passwd input_file
storeadd	Maintenance - Location	N	N/A	ad hoc	N/A	prepost storeadd post		daily	R	storeadd user/passwd
supcnstr	Replenishment	N	N/A	3	rpibld	rpisplit		daily	R	supcnstr user/passwd
supmth	Stock Ledger	Y	Dept	3	N/A	prepost supmth post		monthly	R	supmth user/passwd
tamperctr	Receiving	N	N/A	ad hoc	N/A	N/A		ad hoc	N	tamperctr user/passwd
tktdnid	Maintenance	N	N/A	ad hoc	N/A	N/A		daily	R	tktdnid user/passwd filename print_online_ind days_in_advance [location]
tlfposdn	Sales Tax	N	N/A	4	brposdn	prepost tlfposdn post		daily	R	tlfposdn user/passwd output_file
tranupld	Trade Management	Y	File-based	ad hoc	N/A	N/A		daily	R	tranupld user/passwd infile
tsfclose	Transfers	Y	Transfer	ad hoc	N/A	N/A		daily	R	tsfclose 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	tlfposdn		daily	R	trposdn user/passwd
trtpupld	Sales Tax	N	N/A	4	N/A	N/A		ad hoc	R	trtpupld username/password input_file reject_file
vatdxpl	Maintenance - VAT	Y	Vat Region	0	N/A	prepost vatdxpl post		daily	R	vatdxpl user/passwd
					prepost vendinvc post					
vendinvc	Deals	Y	Deal Id	3	salstage(if daily) prepost vendinvc pre	salweek(if weekly) salnth (if monthly)		daily	R	vendinvc user/passwd
					prepost vendinvf post					
vendinvf	Deals	Y	Deal Id	3	salstage(if daily) prepost vendinvf pre	salweek(if weekly) salnth (if monthly)		daily	R	vendinvf user/passwd
vrpbld	Replenishment	Y	Supplier	2	edupack	prepost vrpbld post		daily	R	vrpbld user/passwd
wasteadj	Stock Ledger	Y	Store	3	N/A	stksxpld	stksupd	daily	R	wasteadj user/passwd
wfcostcalc	Costing	Y	Store_Wh	2	costcalc	prepost wfcostcalc pre		daily	R	wfcostcalc user/passwd
wfordsls	Ordering	Y	Wholesale Order ID	ad hoc	N/A	wfordrg		daily	R	wfordsls user/passwd
wfordrg	Ordering	Y	Wholesale Order ID	ad hoc	wfordts	N/A		daily	R	wfordrg user/passwd
wfordupld.kah	Ordering	Y	CustomerRef ID	ad hoc	N/A	N/A		ad hoc	R	wfordupld.kah user/passwd input_file_directory output_file_directory number_of_threads
wfrmpg	Ordering	Y	Wholesale Return ID	ad hoc	N/A	N/A		daily	R	wfrmpg user/passwd
whadd	Maintenance - Location	N	N/A	ad hoc	N/A	prepost whadd post		daily	R	whadd user/passwd
whstrasg	Maintenance - Location	N	N/A	3	(Must be run after all replenishment batch programs).	prepost whstrasg post		daily	R	whstrasg 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	rectdy(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	daily	N	locationMoveBatch.sh rpm-app-userid password
PriceEventExecutionBatch	Price Change/Clearance/Promotion	Y	Pricing event	N/A	LocationMoveBatch	PriceEventExecutionRMSBatch	daily	N	priceEventExecutionBatch.sh rpm-app-userid password
PriceEventExecutionRMSBatch	Price Change/Clearance/Promotion	Y	Pricing event	N/A	salstage (RMS)	PriceEventExecutionDealsBatch	daily	N	priceEventExecutionRMSBatch.sh rpm-app-userid password
PriceEventExecutionDealsBatch	Price Change/Clearance/Promotion	Y	Pricing event	N/A	PriceEventExecutionRMSBatch	MerchExtractKickOffBatch	daily	N	priceEventExecutionDealsBatch.sh rpm-app-userid password
PriceStrategyCalendarBatch	Price Strategy	N	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	WorksheetAutoApproveBatch	daily	N	MerchExtractKickOffBatch.sh rpm-app-userid password
PurgeBulkConflictCheckAnifacts	Conflict Checking	N	N/A	N/A	storeadd (RMS)	WorksheetAutoApproveBatch	daily	N	purgeBulkConflictCheckAnifacts.sh rpm-app-userid password
RPMtoORPOSPublishBatch.sh	Price Change/Clearance/Promotion	N	N/A	N/A	WorksheetAutoApproveBatch	PriceStrategyCalendarBatch	daily	N	kah RPMtoORPOSPublishBatch.sh -userid/password@sid -<log path> -<error path>
RPMtoORPOSPublishExport.sh	Price Change/Clearance/Promotion	Y	Location	N/A	WorksheetAutoApproveBatch	PriceStrategyCalendarBatch	daily	N	kah RPMtoORPOSPublishExport.sh -userid/password@sid -<numberof slots> -<logpath> -<error path> -<Export path>
RegularPriceChangePublishBatch	Regular Price Changes	Y	Price event (item/loc)	N/A	WorksheetAutoApproveBatch	RegularPriceChangePublishExport	daily/ad hoc	N	regularPriceChangePublishBatch.sh rpm-app-userid password
RegularPriceChangePublishExport	Regular Price Changes	N	Price event (item/loc)	N/A	WorksheetAutoApproveBatch	RegularPriceChangePublishExport	daily/ad hoc	N	regularPriceChangePublishExport.sh rpm-db-userid/pwd@database [export-path]
ClearancePriceChangePublishBatch	Clearances	Y	Price event (item/loc)	N/A	WorksheetAutoApproveBatch	ClearancePriceChangePublishExport	daily/ad hoc	N	clearancePriceChangePublishBatch.sh rpm-app-userid password
ClearancePriceChangePublishExport	Clearances	N	Price event (item/loc)	N/A	WorksheetAutoApproveBatch	ClearancePriceChangePublishExport	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	PromotionPriceChangePublishExport	daily/ad hoc	N	promotionPriceChangePublishExport.sh rpm-db-userid/pwd@database [export-path]
PriceChangeAutoApproveResultsPurgeBatch	Purge	N	N/A	N/A	N/A	N/A	daily/ad hoc	N	priceChangeAutoApproveResultsPurgeBatch.sh rpm-app-userid password
PriceChangePurgeBatch	Purge	N	N/A	N/A	N/A	N/A	daily/ad hoc	N	priceChangePurgeBatch.sh rpm-app-userid password
PriceChangePurgeWorkspaceBatch	Purge	N	N/A	N/A	N/A	N/A	daily/ad hoc	N	priceChangePurgeWorkspaceBatch.sh rpm-app-userid password

PromotionPurgeBatch	Purge	N	N/A	N/A	N/A	N/A	daily/ad hoc	N	promotionPurgeBatch.sh rpm-app-userid password
PurgeExpiredExecutedOrApprovedClearancesBatch	Purge	N	N/A	N/A	N/A	N/A	daily/ad hoc	N	purgeExpiredExecutedOrApprovedClearancesBatch.sh rpm-app-userid password
PurgeUnusedAndAbandonedClearancesBatch	Purge	N	N/A	N/A	N/A	N/A	daily/ad hoc	N	purgeUnusedAndAbandonedClearancesBatch.sh rpm-app-userid password
PurgeLocationMovesBatch	Purge	N	N/A	N/A	N/A	N/A	daily/ad hoc	N	purgeLocationMovesBatch.sh rpm-app-userid password
ZoneFutureRetailPurgeBatch	Purge	N	N/A	N/A	N/A	N/A	ad hoc	N	zoneFutureRetailPurgeBatch.sh rpm-app-userid password
ItemLocDeleteBatch	Purge	N	N/A	N/A	N/A	N/A	ad hoc	N	itemLocDeleteBatch.sh rpm-app-userid password
PriceChangeAreaDifferentialBatch	Price Change	Y	N/A	N/A	N/A	N/A	ad hoc	N	priceChangeAreaDifferentialBatch rpm-app-userid password
InjectorPriceEventBatch	Price Change/Clearance/Promotion	Y	Item/Location	N/A	N/A	PriceEventExecutionDealsBatch	ad hoc	N	injectorPriceEventBatch.sh rpm-app-userid password [status=<status>] [event_type=<event_type>]
taskPurgeBatch.sh	Purge	N	N/A	N/A	N/A	N/A	daily/ad hoc	N	taskPurgeBatch.sh <username> <password> [-<purgeDays>] [Y/N]

ReIM Dependency and Scheduling Details

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
reimaccountworkspacepurge	Invoice Matching (ReIM)	N	N/A	N/A	N/A	N/A	ad hoc	R	Userid/passwd
reimautomatch	Invoice Matching (ReIM)	Y	N/A	6	N/A	reimrollup reimposting	daily	R	Userid/passwd
reimpurge	Invoice Matching (ReIM)	N	N/A	0	N/A	N/A	daily	R	Userid/passwd
reimcomplexdealupload	Invoice Matching (ReIM)	Y	N/A	5	vendinvc(RMS), vendinv(RMS)	reimautomatch	daily	R	Userid/passwd BlockSize PartitionNo
reimdiscrepancy	Invoice Matching (ReIM)	N	N/A	1	N/A	N/A	daily	R	Userid/passwd
reimeditinvcupload	Invoice Matching (ReIM)	Y	N/A	5	editinvc(RMS)	reimautomatch	daily	R	Userid/passwd "EDI input file with path" "EDI reject file with path"
reimeditinvcdownload	Invoice Matching (ReIM)	N	N/A	7	reimposting	N/A	daily	R	Userid/passwd
reimfixdddealupload	Invoice Matching (ReIM)	Y	N/A	5	vendinvc(RMS), vendinv(RMS)	reimautomatch	daily	R	Userid/passwd BlockSize PartitionNo
reimrollup	Invoice Matching (ReIM)	N	N/A	6	reimautomatch	reimposting	daily	R	Userid/passwd
reimreceiptwriteoff	Invoice Matching (ReIM)	N	N/A	6	reimautomatch	N/A	daily	R	Userid/passwd
reimposting	Invoice Matching (ReIM)	N	N/A	6	reimrollup	N/A	daily	R	Userid/passwd

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

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
pre_rmse_rpas.ksh	Planning/Forecast System Interface	N	N/A	N/A	N/A. This is a pre setup script	N/A	daily	N	N/A
rmse_rpas.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh. (This is the launch script	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_attributes.ksh	Planning/Forecast System Interface	N	N/A	N/A	to run the extracts)	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_daily_sales.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_domain.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_item_master.ksh	Planning/Forecast System Interface	N	N/A	N/A	sltmaint recdcldy dlyprg	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_merchhier.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_orghier.ksh	Planning/Forecast System Interface	N	N/A	N/A	dlyprg	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_stock_on_hand.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_store.ksh	Planning/Forecast System Interface	N	N/A	N/A	storeadd	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_suppliers.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_weekly_sales.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_wh.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmsl_rpas_forecast.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmsl_rpas_update_retl_date.ksh	Planning/Forecast System Interface	N	N/A	N/A	After all RMS/Planning System Integration RETL scripts are run	Refer to RPAS Operations guide	daily	N	rmsl_rpas_update_retl_date.ksh CLOSED_ORDER or RECEIVED_QTY

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

Dimension source:									
Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
icdedit.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
cmptrex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
cmptirmex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
cmptircox.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
cmprcex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
emplyex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
orgaraex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), iclrtd (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), iclrtd (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), iclrtd (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), iclrtd (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), iclrtd (RMS)	Refer to RDW operations guide	daily	N	N/A
orglocex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), iclrtd (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), iclrtd (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), iclrtd (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), iclrtd (RMS)	Refer to RDW operations guide	daily	N	N/A
orgrgnex.ksh	RDW interface	N	N/A	N/A	A, B, storeadd (RMS), dlyprg (RMS), iclrtd (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
prddisex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdy (RMS), redsldy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdcmpex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
prddepx.ksh	RDW interface	N	N/A	N/A	A, B, cremhierdy (RMS), redsldy (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), redsldy (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), redsldy (RMS), dlyprg (RMS)	Refer to RDW operations guide	daily	N	N/A

prdtypex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierarchy (RMS), redcsdy (RMS), dyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdgprpx.ksh	RDW interface	N	N/A	N/A	A, B, cremhierarchy (RMS), redcsdy (RMS), dyprg (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, cremhierarchy (RMS), redcsdy (RMS), dyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdlmlex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierarchy (RMS), redcsdy (RMS), dyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdlmimex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierarchy (RMS), redcsdy (RMS), dyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdlmimlex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierarchy (RMS), redcsdy (RMS), dyprg (RMS)	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
prdpimex.ksh	RDW interface	N	N/A	N/A	A, B, cremhierarchy (RMS), redcsdy (RMS), dyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdsbcox.ksh	RDW interface	N	N/A	N/A	A, B, cremhierarchy (RMS), redcsdy (RMS), dyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
prdsdox.ksh	RDW interface	N	N/A	N/A	A, B, cremhierarchy (RMS), redcsdy (RMS), dyprg (RMS)	Refer to RDW operations guide	daily	N	N/A
regngprpx.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
regnmtex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
rsnex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
seasnex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
subtrantypex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
supctrex.ksh	RDW interface	N	N/A	N/A	A, B, cntmain (RMS)	Refer to RDW operations guide	daily	N	N/A
supsupex.ksh	RDW interface	N	N/A	N/A	A, B, cntmain (RMS)	Refer to RDW operations guide	daily	N	N/A
suprmex.ksh	RDW interface	N	N/A	N/A	A, B, cntmain (RMS)	Refer to RDW operations guide	daily	N	N/A
suprtrex.ksh	RDW interface	N	N/A	N/A	A, B, cntmain (RMS)	Refer to RDW operations guide	daily	N	N/A
tdtypex.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A
tttypex.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
wfcustgrpx.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	N/A

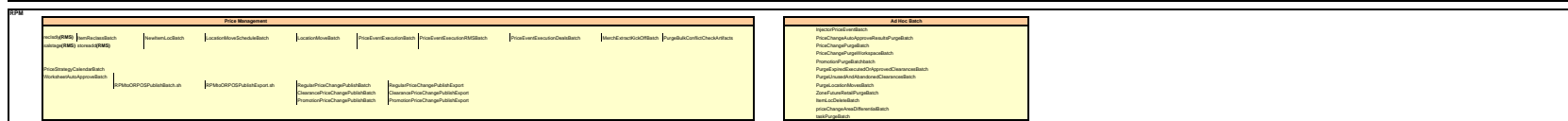
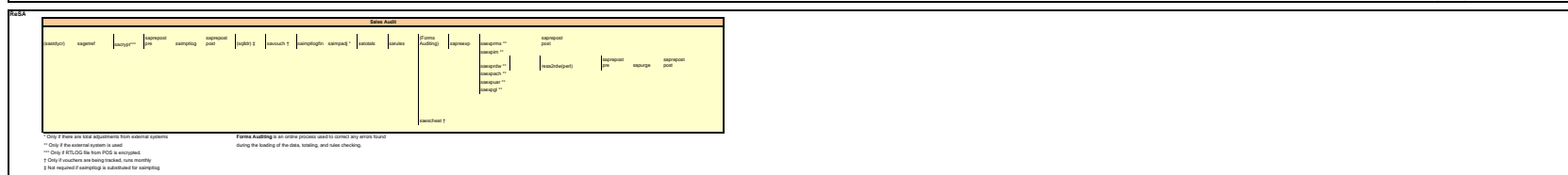
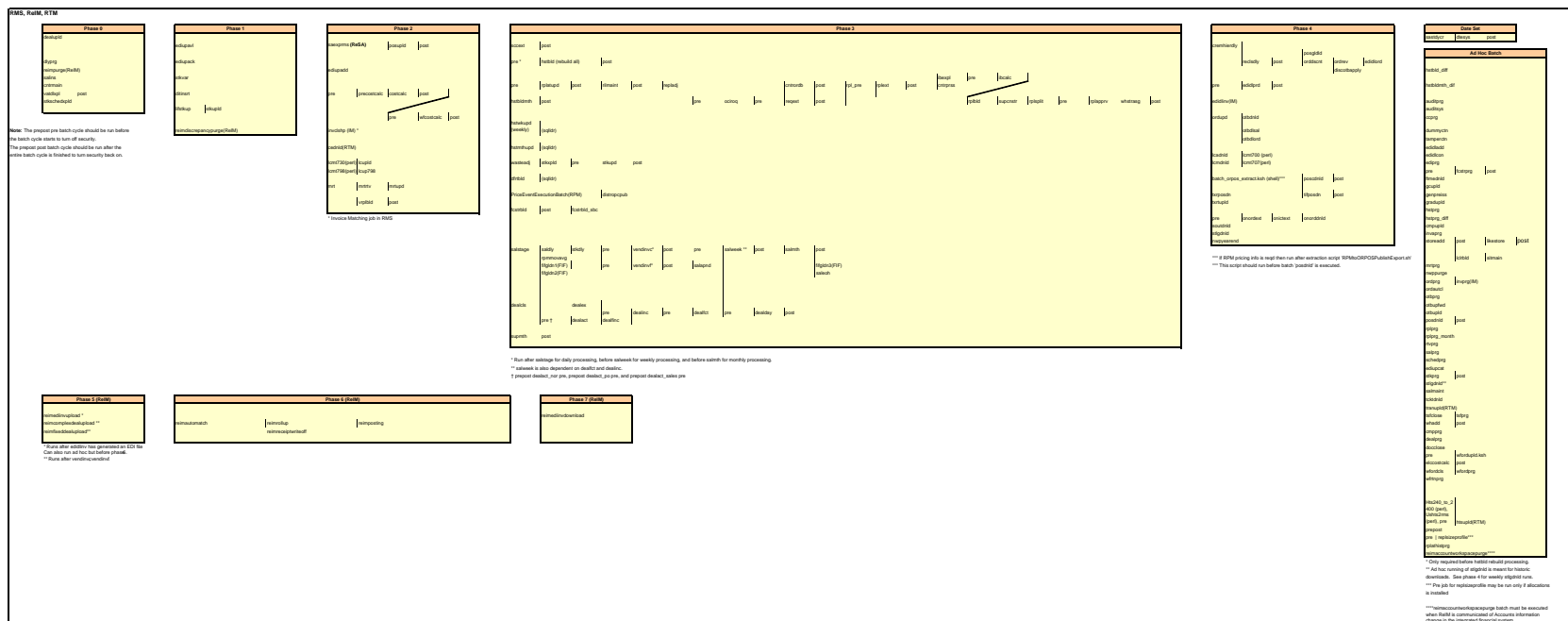
Fact source:									
Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
cmptprclidx.ksh	RDW interface	N	N/A	N/A	B	Refer to RDW operations guide	daily	N	cmptprclidx.ksh output_file_path/output_file_name
csstlidx.ksh	RDW interface	N	N/A	N/A	C	Refer to RDW operations guide	daily	N	csstlidx.ksh output_file_path/output_file_name
exchgtrates.ksh	RDW interface	N	N/A	N/A	A, B	Refer to RDW operations guide	daily	N	exchgtrates.ksh output_file_path/output_file_name
invlidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS), ordrev (RMS)	Refer to RDW operations guide	daily	Y	invlidx.ksh output_file_path/output_file_name
ivvalidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS)	Refer to RDW operations guide	daily	N	ivvalidx.ksh output_file_path/output_file_name
ivrcplidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS)	Refer to RDW operations guide	daily	N	ivrcplidx.ksh output_file_path/output_file_name
ivrlidx.ksh	RDW interface	N	N/A	N/A	C	Refer to RDW operations guide	daily	N	ivrlidx.ksh output_file_path/output_file_name
ivrlidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS)	Refer to RDW operations guide	daily	N	ivrlidx.ksh output_file_path/output_file_name
ivvalidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS), mrt (RMS)	Refer to RDW operations guide	daily	N	ivvalidx.ksh output_file_path/output_file_name
lptotidx.ksh	RDW interface	N	N/A	N/A	C, saexpdvw (ReSA), resa2rdw	Refer to RDW operations guide	daily	N	lptotidx.ksh output_file_path/output_file_name
lptotidx.ksh	RDW interface	N	N/A	N/A	C, saexpdvw (ReSA), resa2rdw	Refer to RDW operations guide	daily	N	lptotidx.ksh output_file_path/output_file_name
ncsultidx.ksh	RDW interface	N	N/A	N/A	C, costcalc (RMS)	Refer to RDW operations guide	daily	N	ncsultidx.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	salmt(RMS). Also refer to RDW operations guide	daily	N	N/A
pre_dwi_temp.ksh	RDW interface	N	N/A	N/A	N/A	Refer to RDW operations guide	daily	N	N/A
rpclidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	rpclidx.ksh output_file_path/output_file_name
savidx.ksh	RDW interface	N	N/A	N/A	C, cntprss (RMS), edupav1 (RMS), rplaprv (RMS)	Refer to RDW operations guide	daily	N	savidx.ksh output_file_path/output_file_name
scmlalidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	scmlalidx.ksh output_file_path/output_file_name
scmloidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	scmloidx.ksh output_file_path/output_file_name
scrtlidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	scrtlidx.ksh output_file_path/output_file_name
scrtlidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	Y	scrtlidx.ksh output_file_path/output_file_name
scrtlidx.ksh	RDW interface	N	N/A	N/A	C, rplaprv (RMS), cntprss (RMS), rplbld (RMS), cntmain (RMS)	Refer to RDW operations guide	daily	N	scrtlidx.ksh output_file_path/output_file_name
scrtlidx.ksh	RDW interface	N	N/A	N/A	B, rmtl_rpas_forecast.ksh (RMS to RPAS extract)	Refer to RDW operations guide	daily	N	scrtlidx.ksh output_file_path/output_file_name
stclwex.ksh	RDW interface	N	N/A	N/A	C, saexpdvw (ReSA), resa2rdw	Refer to RDW operations guide	daily	Y	stclwex.ksh output_file_path/output_file_name
stslidmex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	stslidmex.ksh output_file_path/output_file_name
stslmknldidx.ksh	RDW interface	N	N/A	N/A	C, salmt (RMS)	Refer to RDW operations guide	daily	N	stslmknldidx.ksh output_file_path/output_file_name
sttblwex.ksh	RDW interface	N	N/A	N/A	C, salweek (RMS)	Refer to RDW operations guide	daily	N	sttblwex.ksh output_file_path/output_file_name
sttblwex.ksh	RDW interface	N	N/A	N/A	C, saexpdvw (ReSA), resa2rdw	Refer to RDW operations guide	daily	N	sttblwex.ksh output_file_path/output_file_name
ttldmex.ksh	RDW interface	N	N/A	N/A	B, savouch (ReSA)	Refer to RDW operations guide	daily	N	ttldmex.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
vchmoevidges.ksh	RDW interface	N	N/A	N/A	B, savouch (ReSA)	Refer to RDW operations guide	daily	N	vchmoevidges.ksh output_file_path/output_file_name
vchoutwex.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	N	vchoutwex.ksh output_file_path/output_file_name
wfslsidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	n	wfslsidx.ksh output_file_path/output_file_name
wfslsmknldidx.ksh	RDW interface	N	N/A	N/A	C, salstage (RMS)	Refer to RDW operations guide	daily	n	wfslsmknldidx.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, dyprg		Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_cl_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, vrbld, cntordb		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, dyprg		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, recldy		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, dyprg		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, 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, dyprg		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, dyprg		Refer to AIP Operations and Installation Guides	daily	N	N/A
rmse_aip_origtbl.ksh	AIP interface	N	N/A	AIP RETL Extracts pre_rmse_aip.ksh, dyprg		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, vrbld, cntordb, 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, lkstore, dyprg		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_1st_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, posupld)	pre_rmse_aip.ksh, stklar, wasteadj, salstage, rmse_store_cur_inventory.ksh (if running delta)	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 extractl, stklar, 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

Integrated Merchandising Batch Schedule



Interface Diagrams for RMS and RPAS

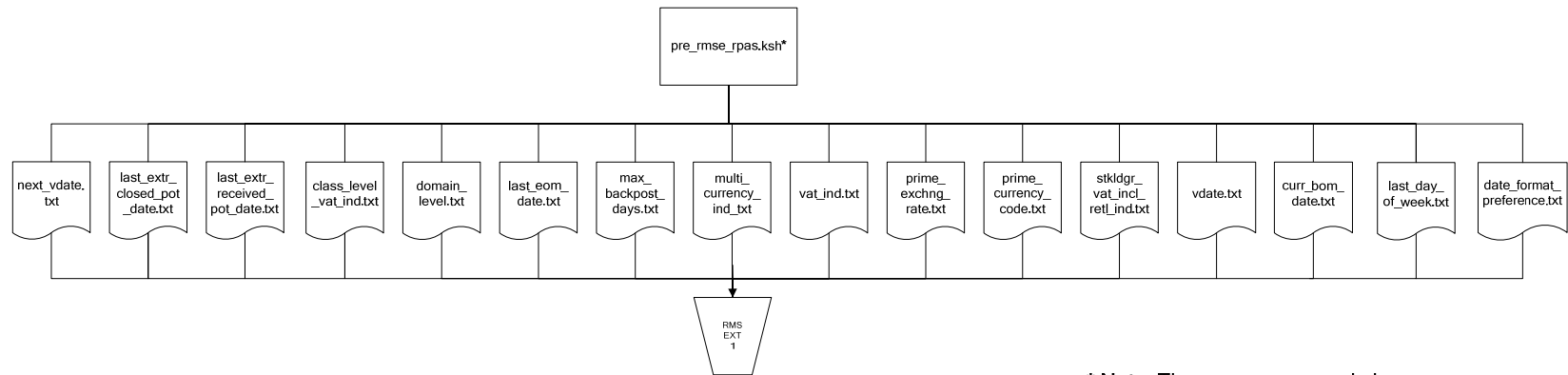
Because RMS is the retailer's central merchandising transactional processing system, it is the principle source of the foundation data needed in some of the Oracle Retail suite of products. RMS provides foundation data to RPAS, and RPAS provides planning data to RMS.

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

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

RMS Pre/Post Extract Diagrams

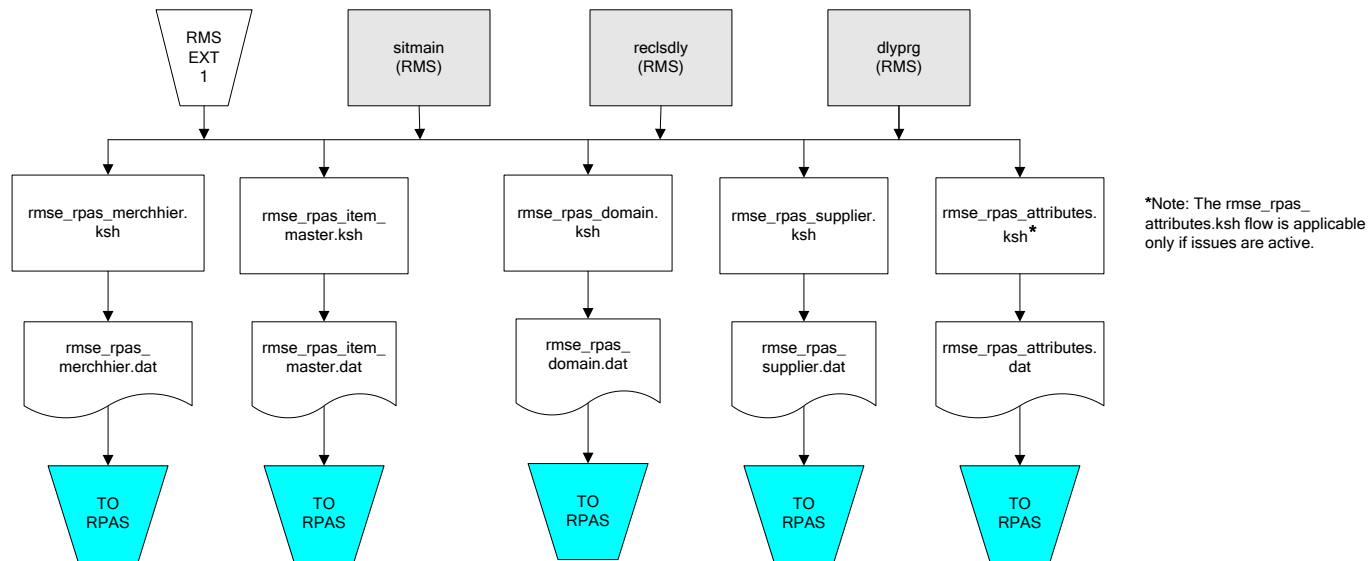
RMS Pre RETL Extract Maintenance



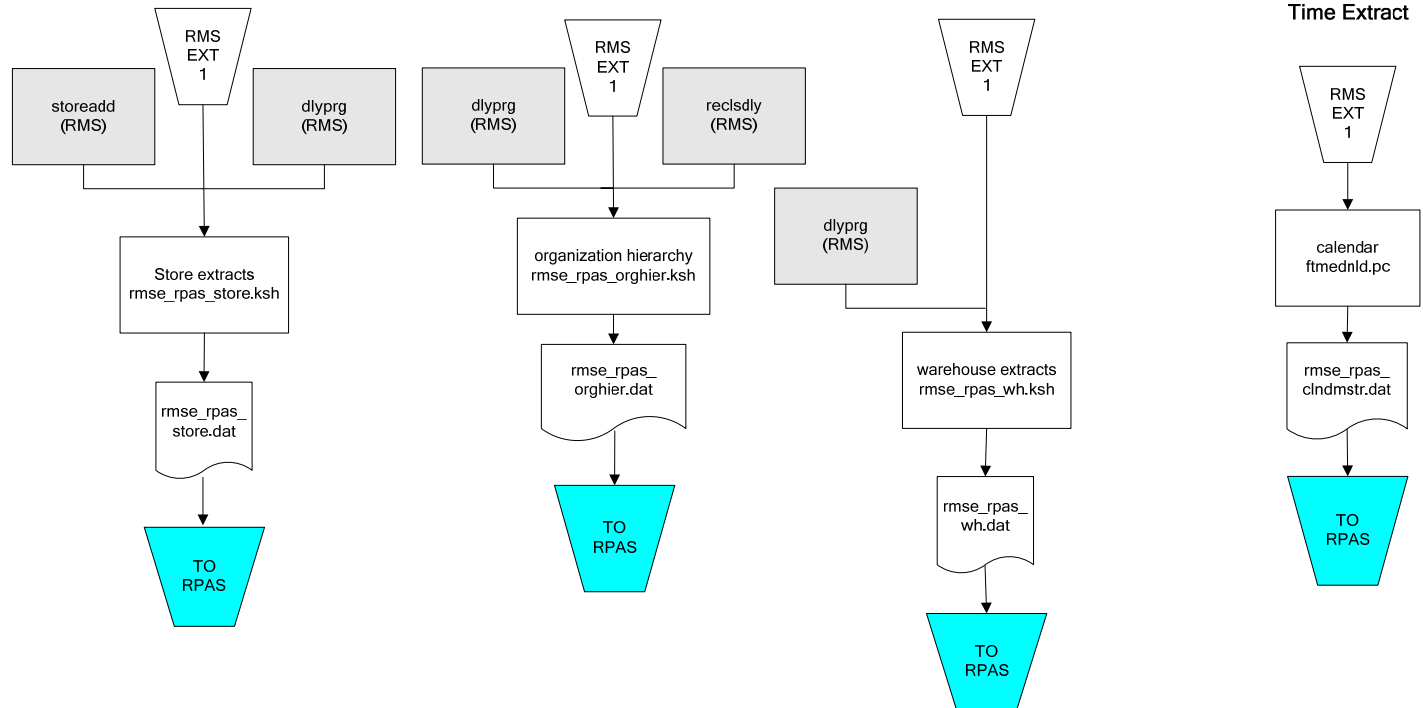
*** Note:** The `pre_rmse_rpas.ksh` program checks for existing .txt output files. Because of this validation, retailers running the program for the first time should include an optional `-c` parameter. This parameter allows the program to run successfully without pre-existing .txt output files.

RMS Foundation Data Extract Diagrams

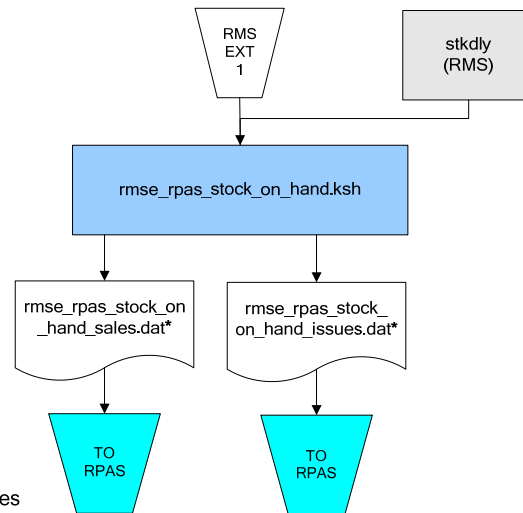
Merchandise Hierarchy for RPAS



Organization Hierarchy for RPAS



RMS Fact Data Extract Diagrams

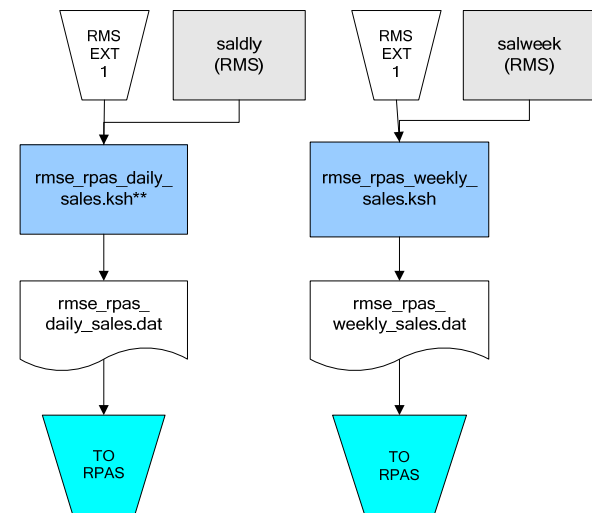


* Note:

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`

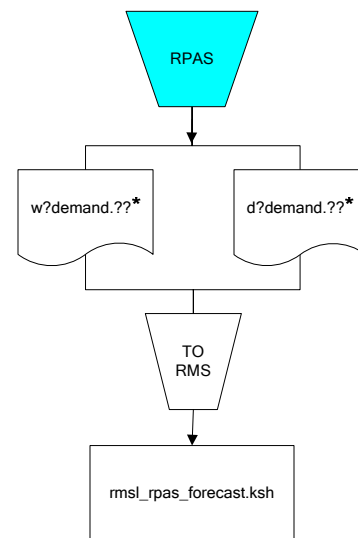
Sales Extracts For RPAS



** 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

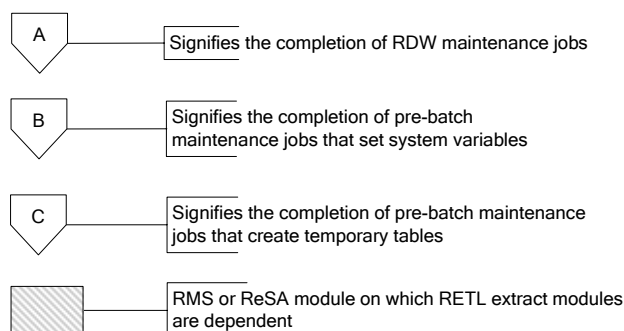
RMS works in conjunction with the Oracle Retail Extract Transform and Load (RETL) framework. RETL provides high-performance processing to extract data from Oracle Retail applications for use in data warehouses. The architecture allows database batch processes to take advantage of parallel processing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

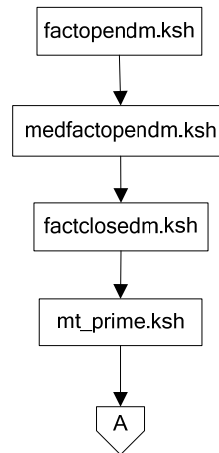
Legend



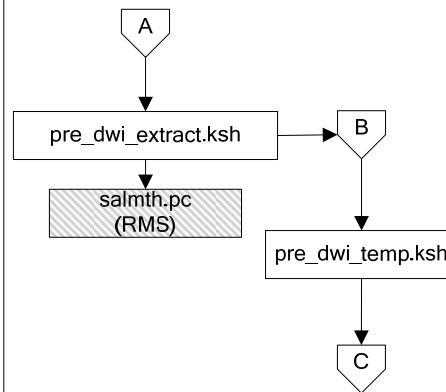
RDW Maintenance

Note:

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



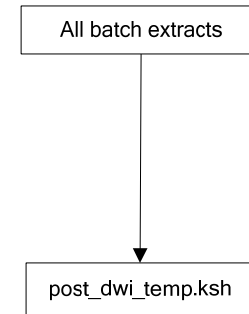
Pre-Batch Maintenance



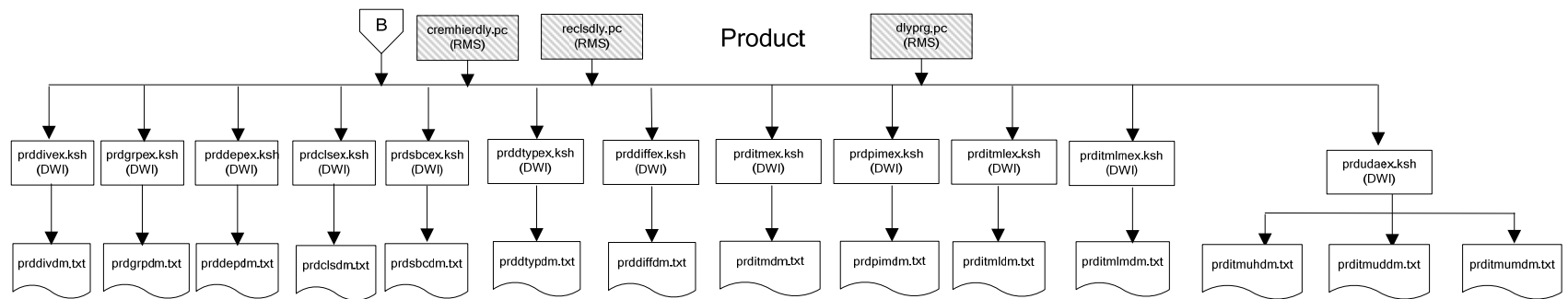
Note:

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

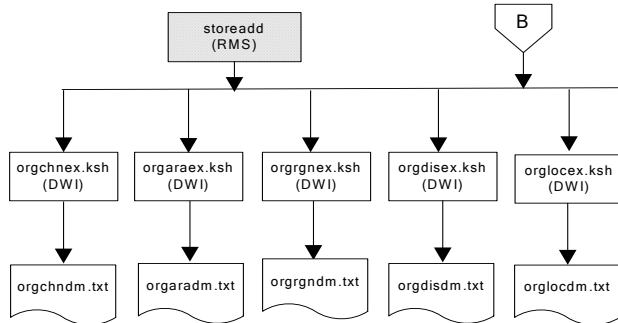
Post-Batch Maintenance



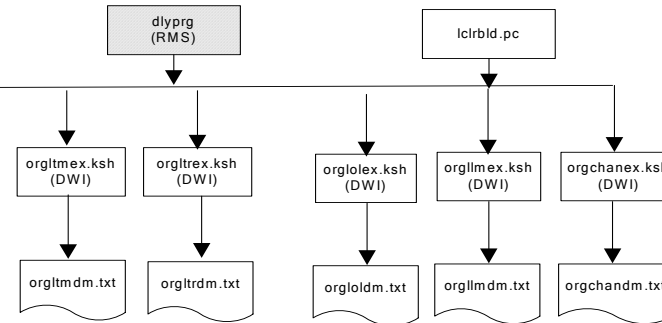
Dimension Dataflows



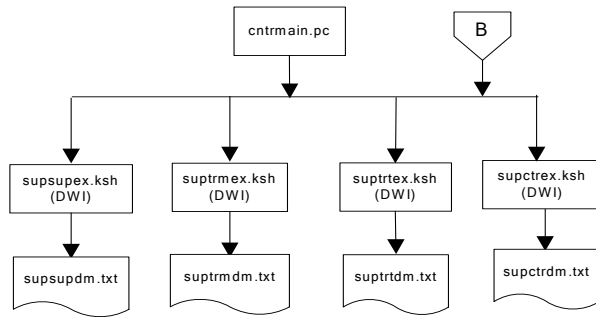
Dimension Dataflows



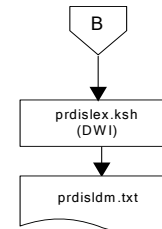
Organization



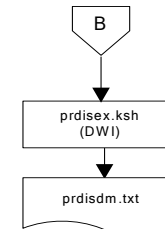
Supplier Dimension



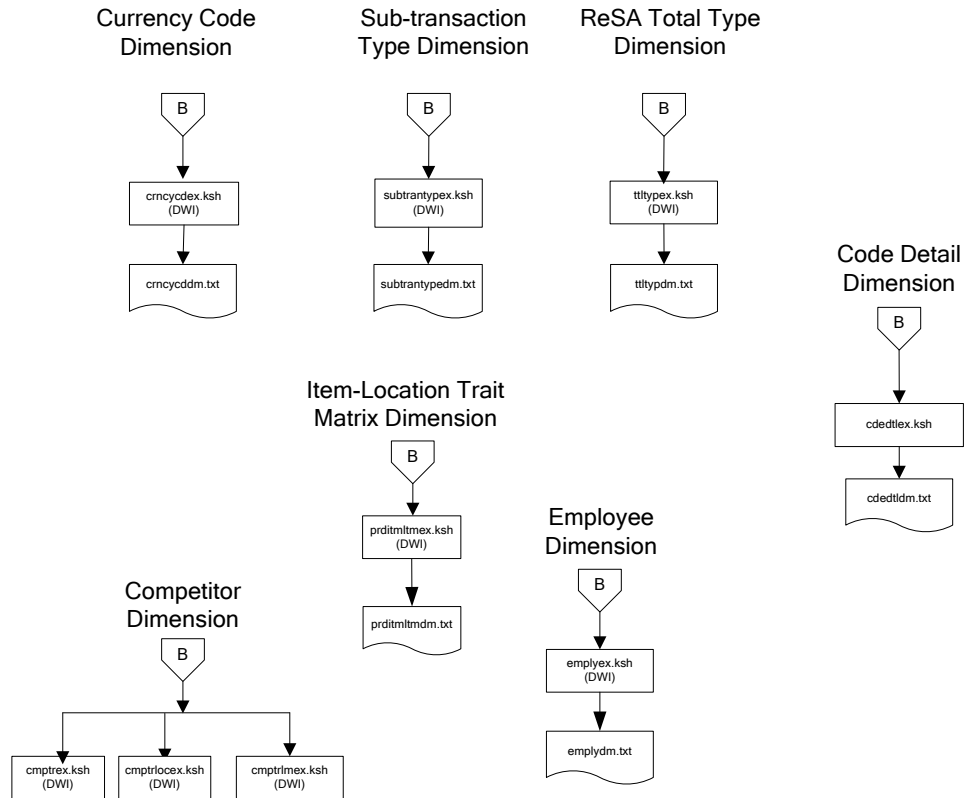
Item-Supplier-Location Matrix Dimension



Item-Supplier Dimension

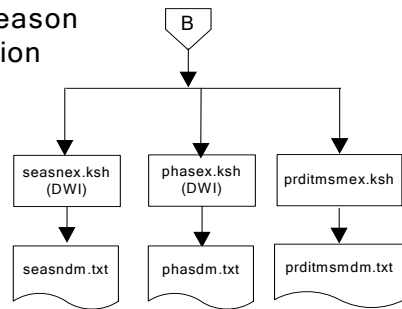


Dimension Dataflows

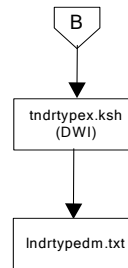


Dimension Dataflows

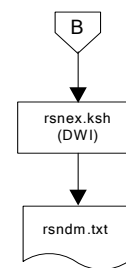
Product Season Dimension



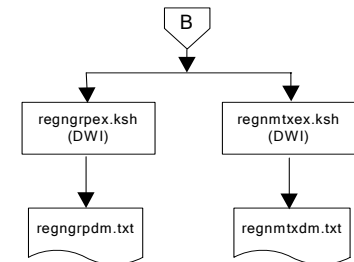
Tender Type Dimension



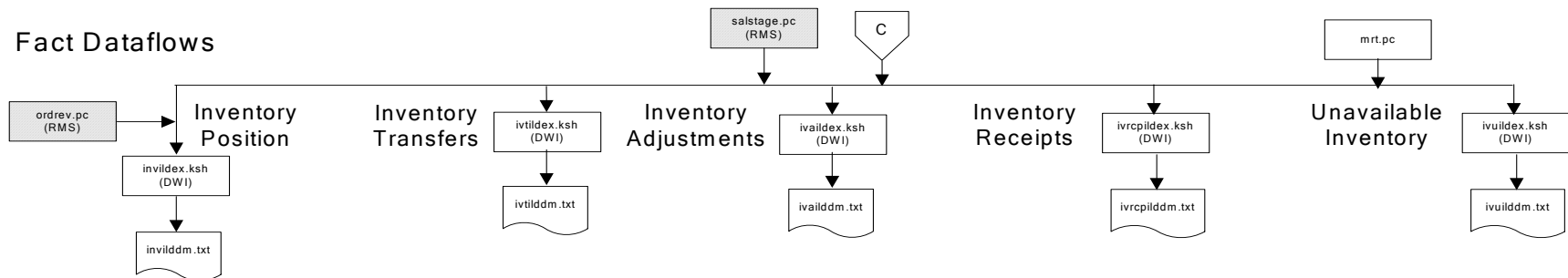
Reason Dimension



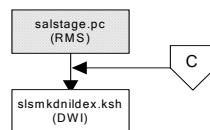
Regionality Dimension



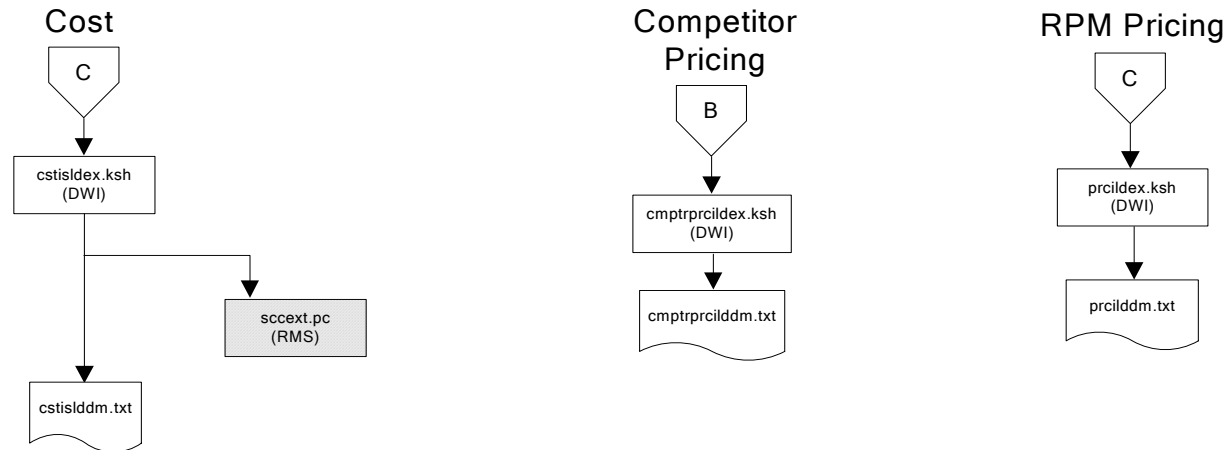
Fact Dataflows



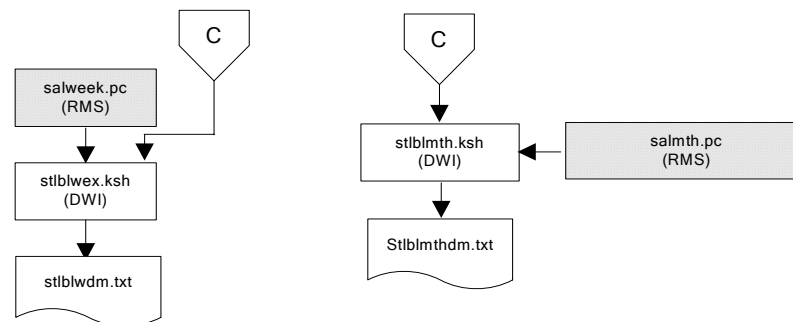
Markdowns



Fact Dataflows



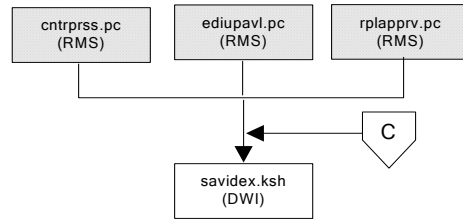
Stock Ledger



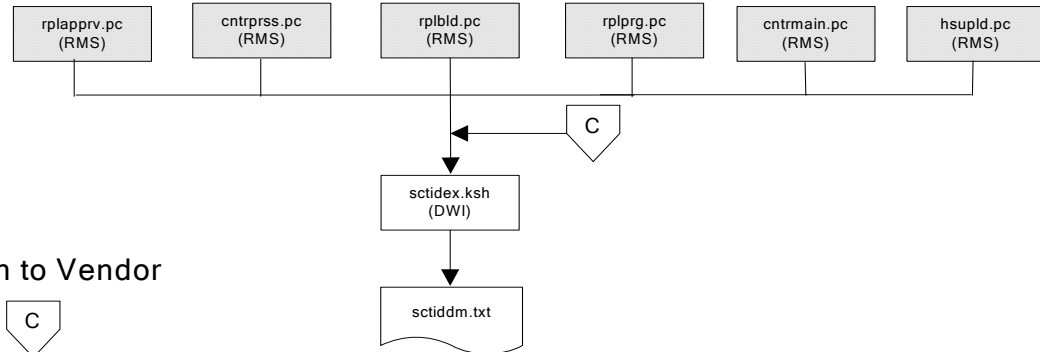
Note:
Run stock ledger fact
loads once weekly.

Fact Dataflows

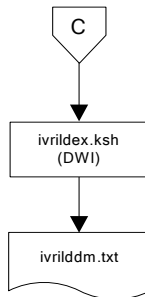
Supplier Availability



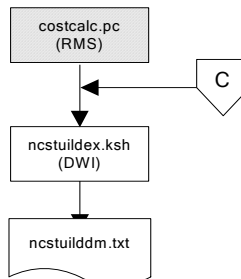
Supplier Contract



Return to Vendor

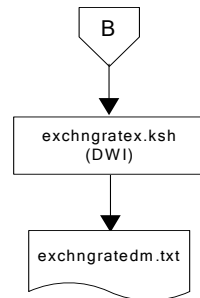


Net Cost

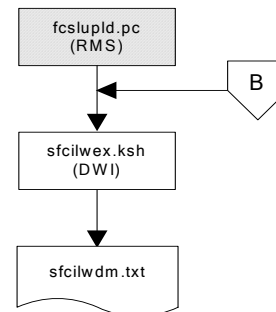


Fact Dataflows

Exchange Rates

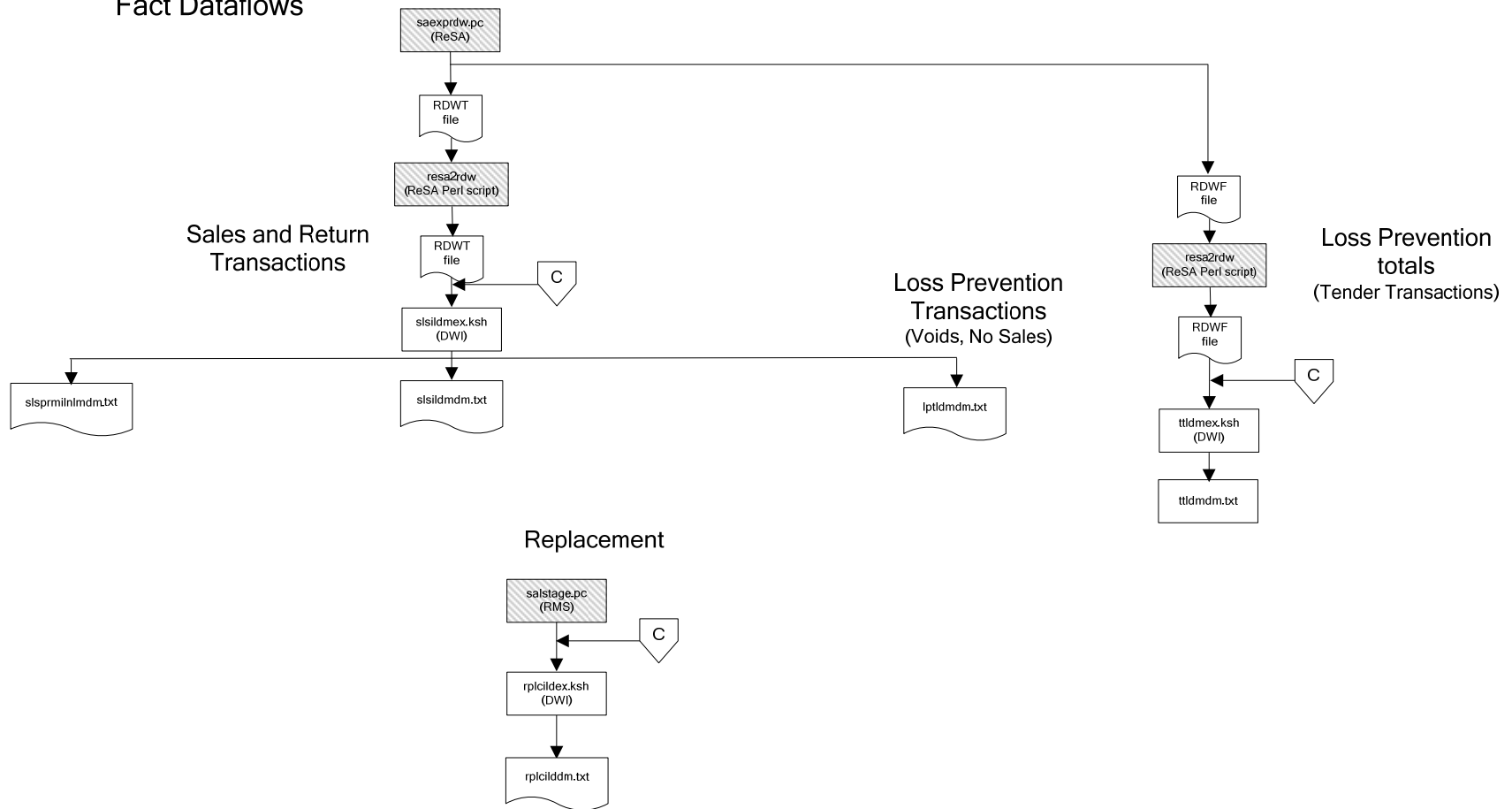


Sales Forecasts

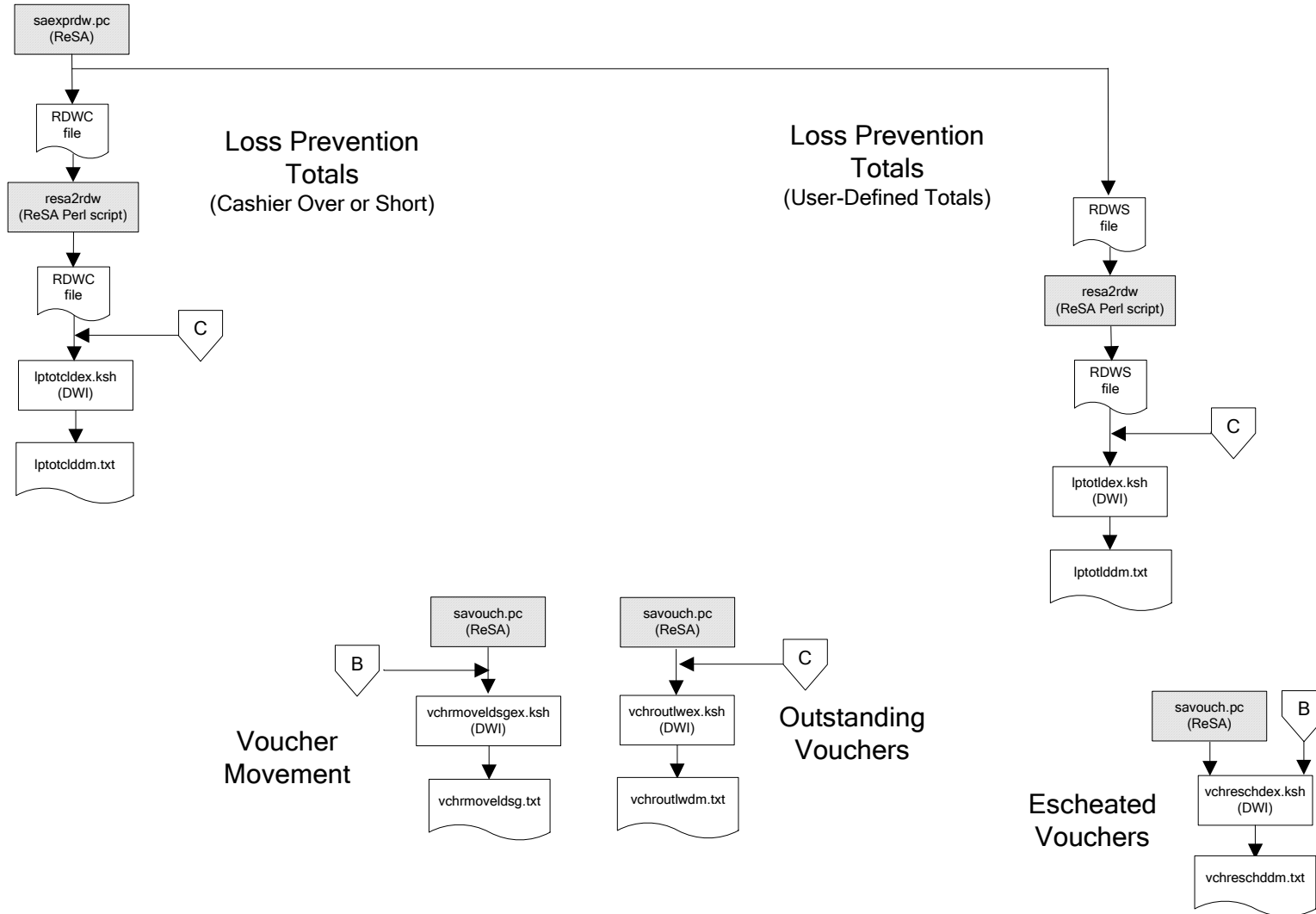


Note:
Run sales forecast fact loads
once weekly.

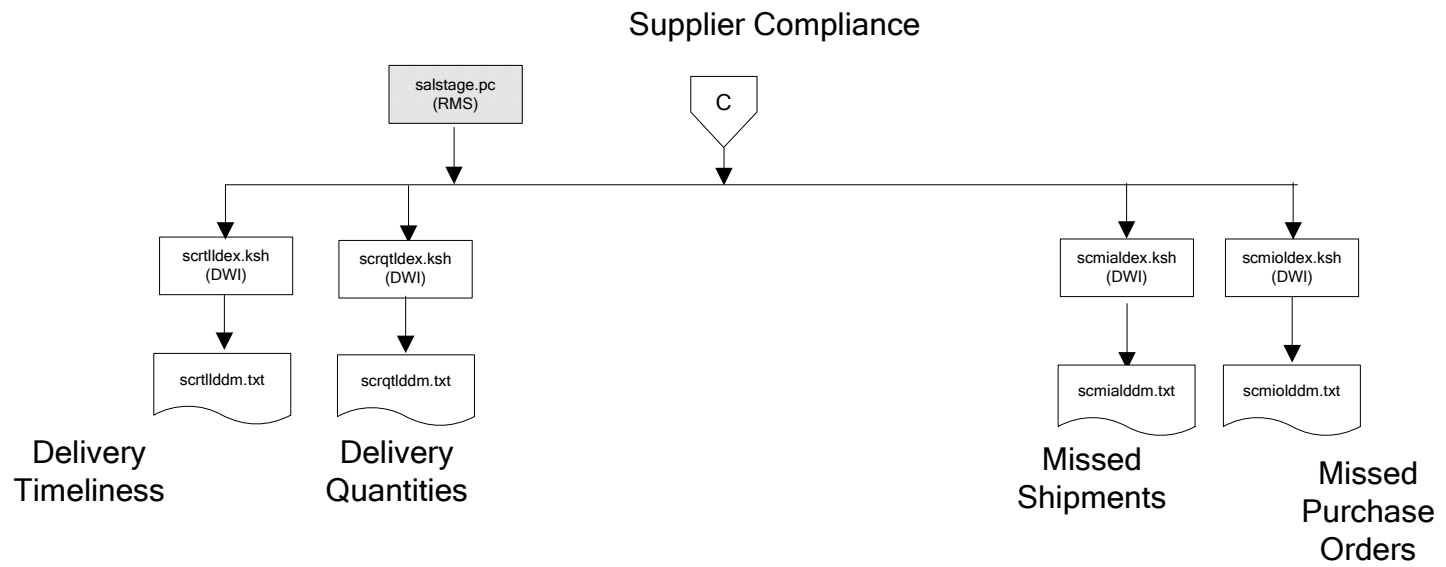
Fact Dataflows



Fact Dataflows



Fact Dataflows



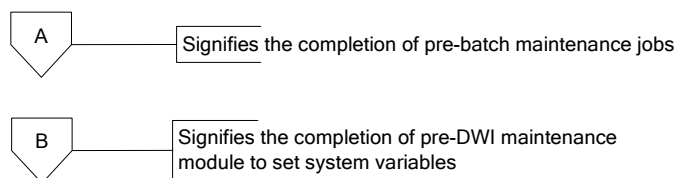
Interface Diagram for RPM and RDW

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

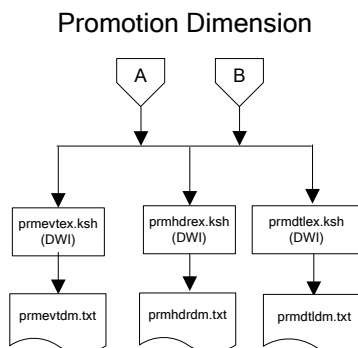
For detailed information about dimensions and facts, see the *Oracle Retail Data Warehouse Operations Guide*.

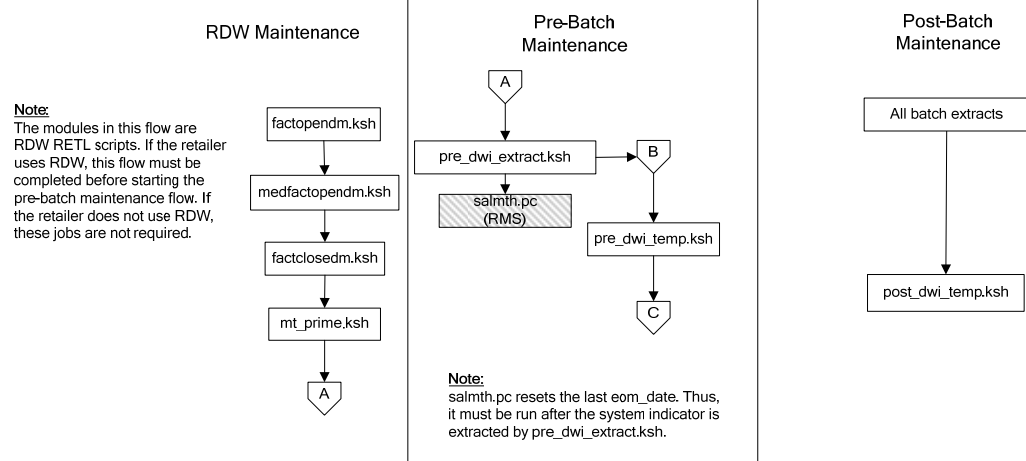
See the *Oracle Retail Merchandising System Operations Guide Volume 1—Batch Overviews and Designs* for more information about the modules shown in the following diagram.

Legend



Program Flow Diagram





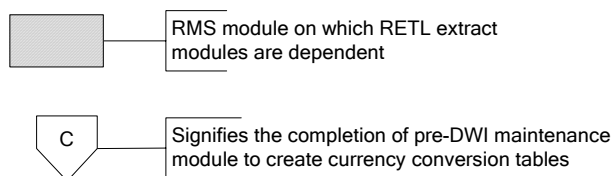
Interface Diagram for ReIM and RDW

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*.

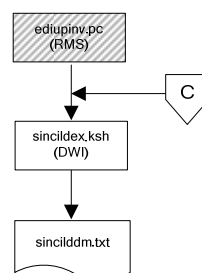
See the *Oracle Retail Merchandising System Operations Guide Volume 1—Batch Overviews and Designs* for more information about the modules shown in the following diagram.

Legend



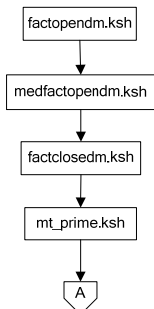
Program Flow Diagram

Supplier Invoice Cost

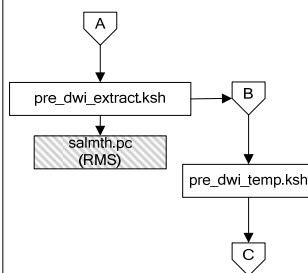


Note:
The modules in this flow are RDW RETL scripts. If the retailer uses RDW, this flow must be completed before starting the pre-batch maintenance flow. If the retailer does not use RDW, these jobs are not required.

RDW Maintenance

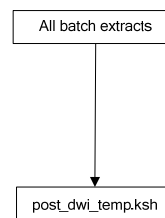


Pre-Batch Maintenance



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



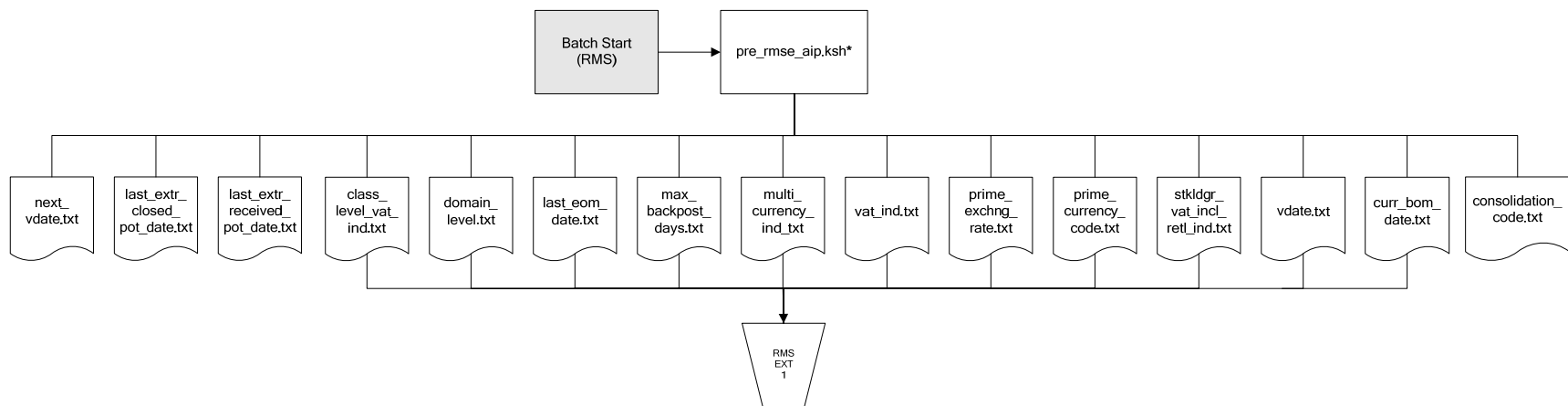
Interface Diagrams for RMS and AIP

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.

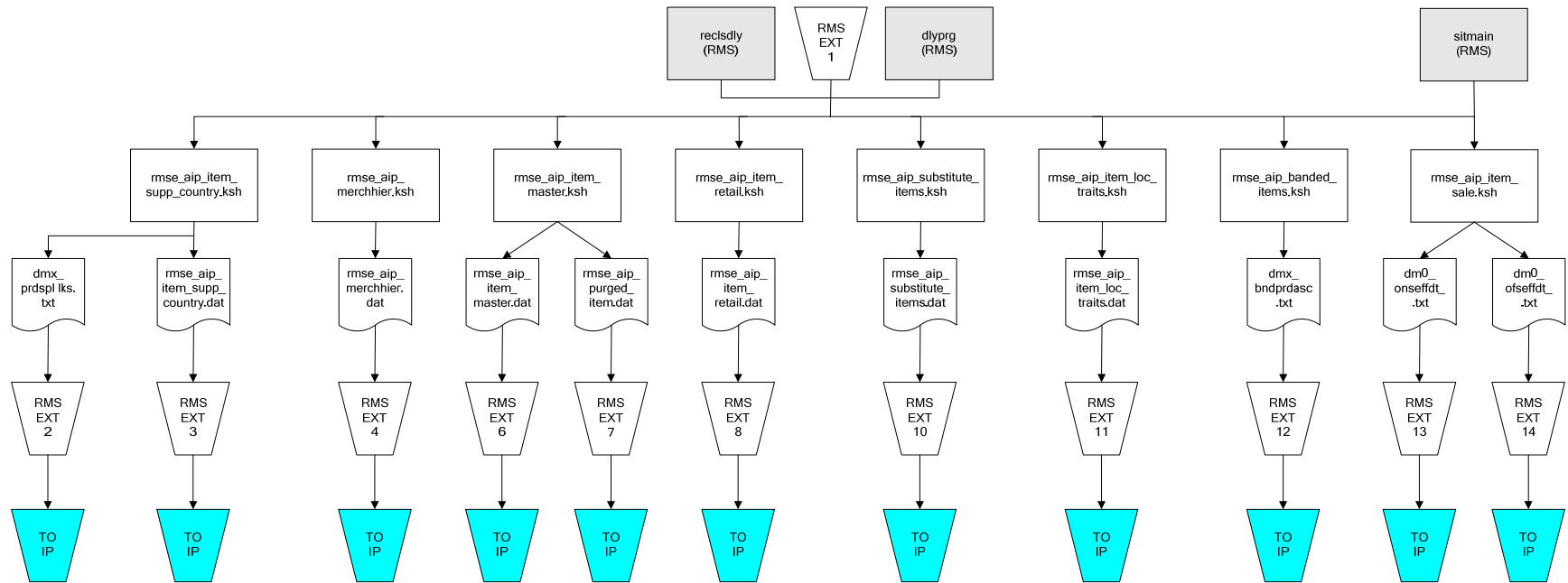
Before setting up a program schedule, familiarize yourself with the functional and technical constraints associated with each program. See the *Oracle Retail Merchandising System Operations Guide Volume 1—Batch Overviews and Designs* for more information about the modules shown in the following diagrams.

RMS Pre/Post Extract Diagrams

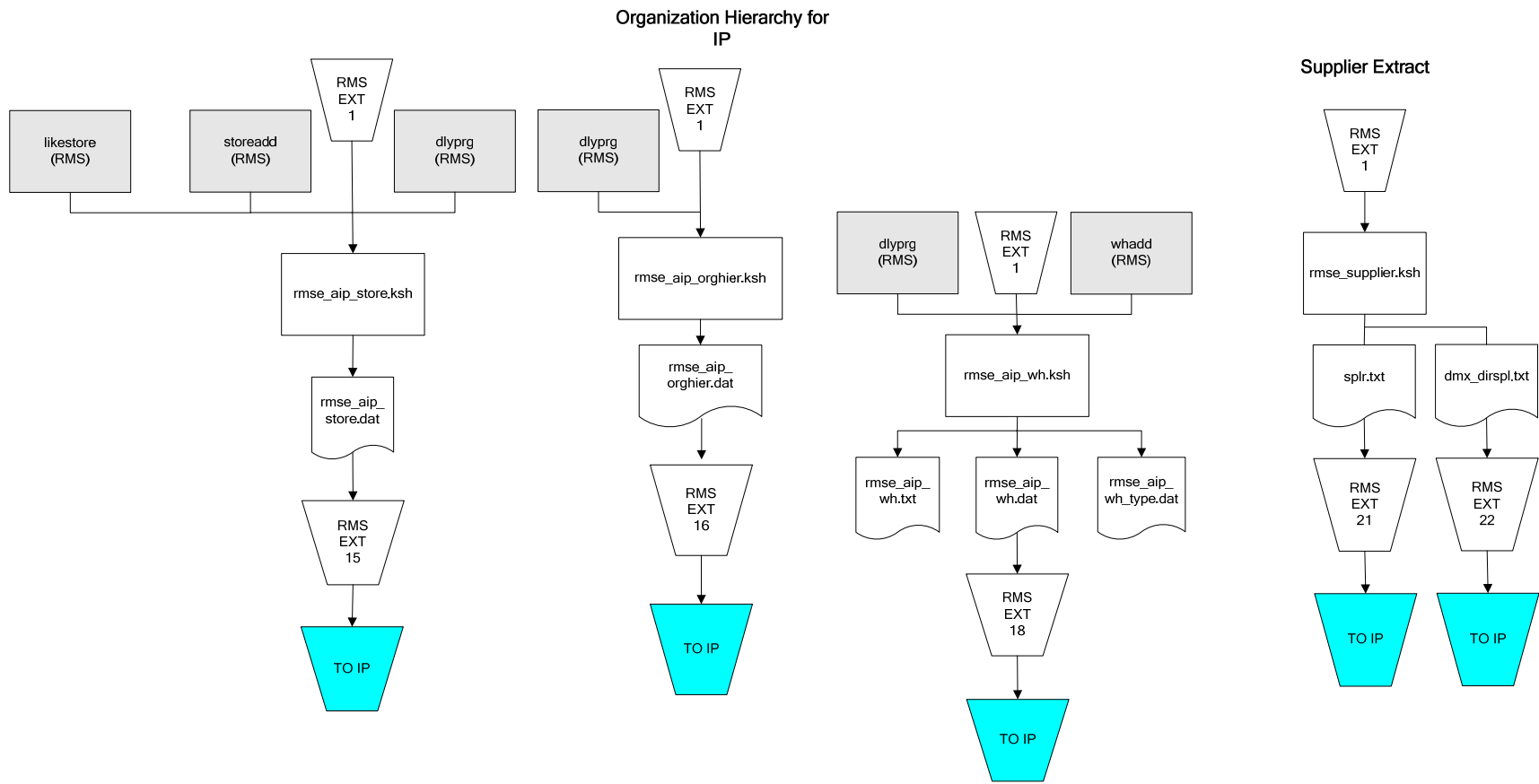
RMS Pre RETL Extract Maintenance



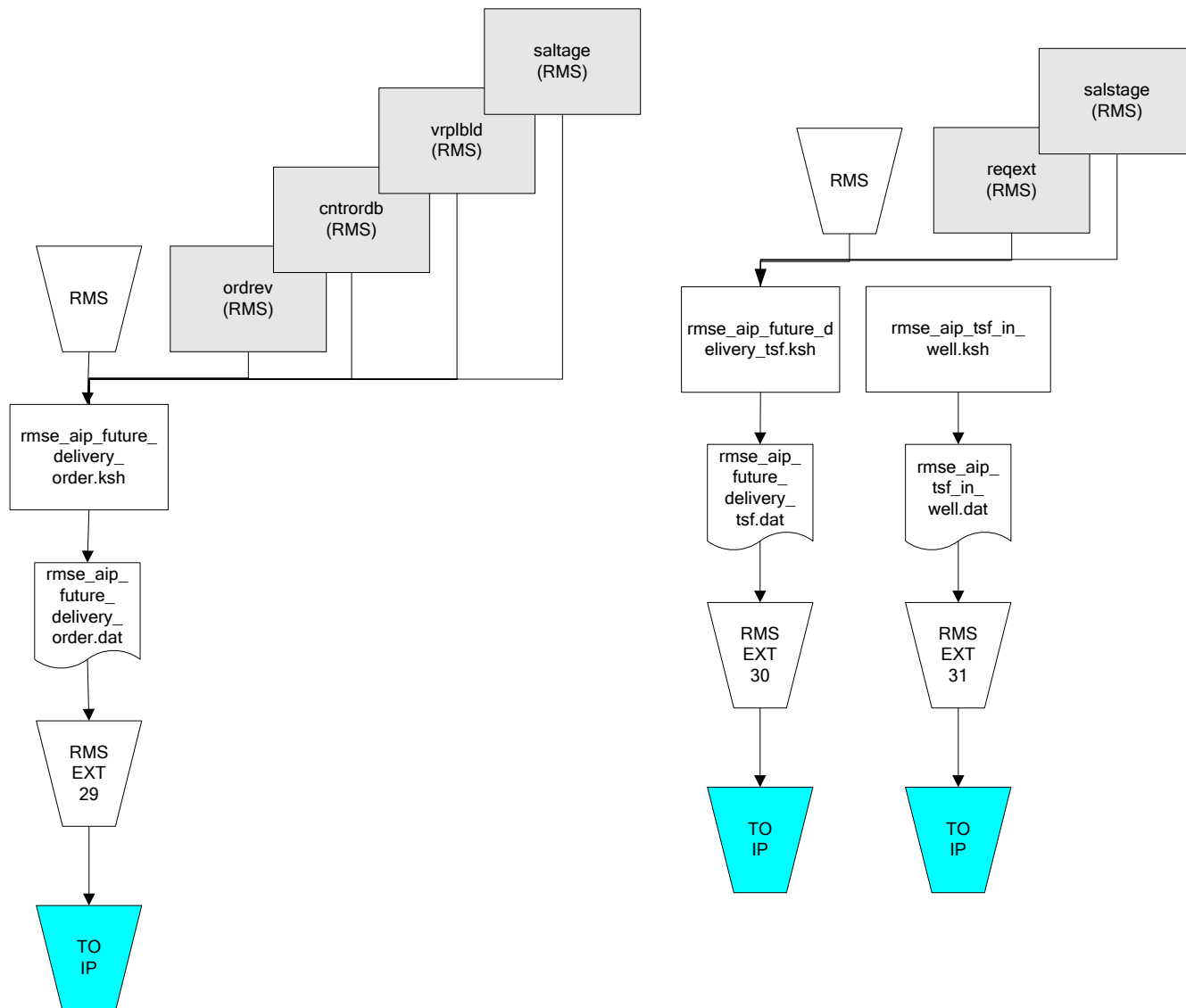
RMS Foundation Data Extract Diagrams



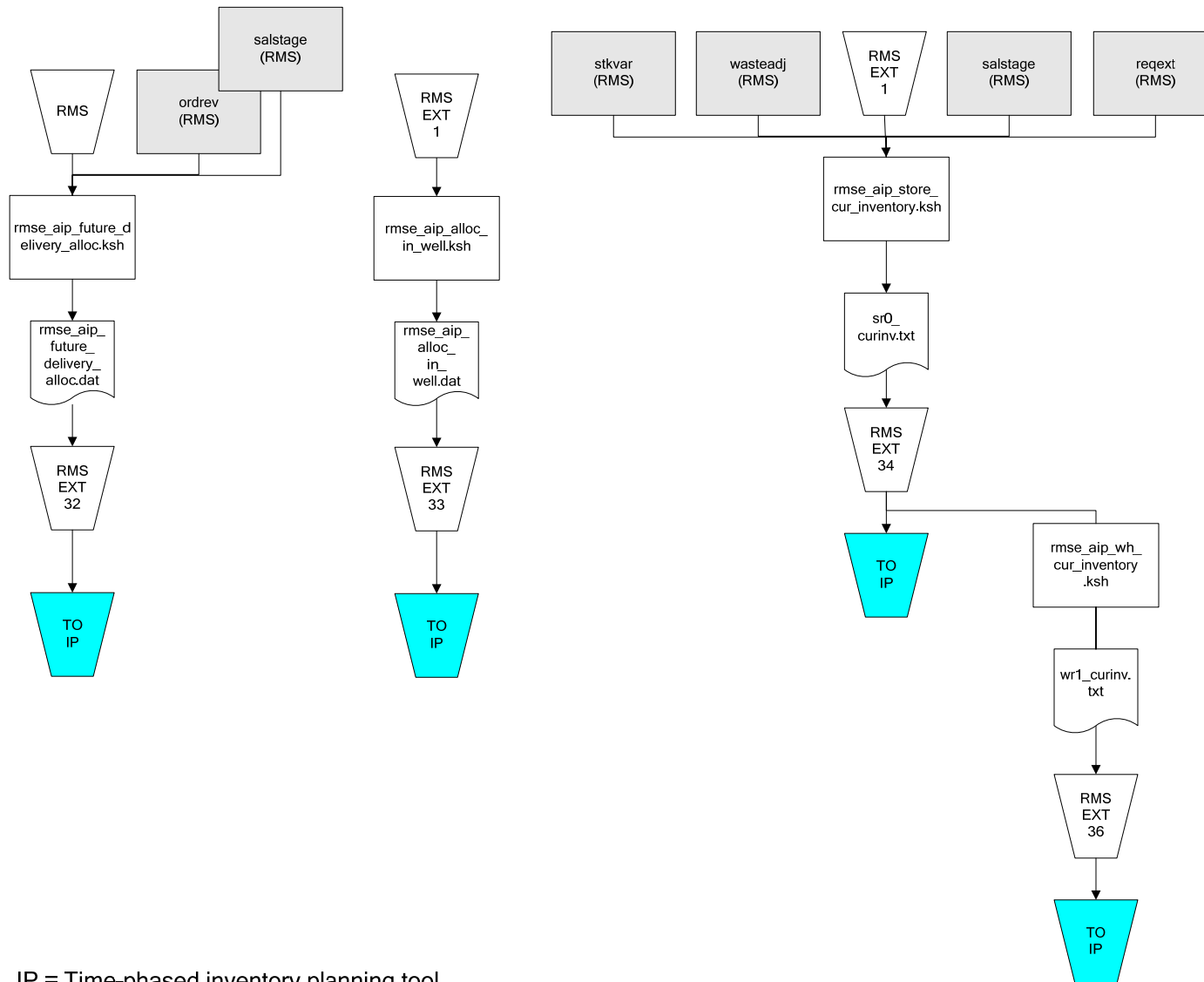
IP = Time-phased inventory planning tool

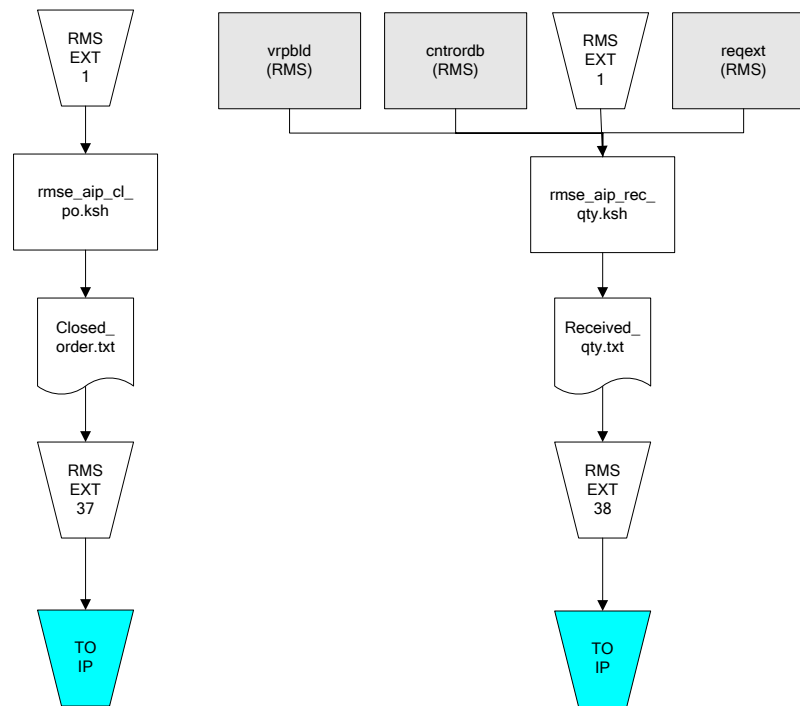


IP = Time-phased inventory planning tool



IP = Time-phased inventory planning tool





IP = Time-phased inventory planning tool