Oracle® Retail Merchandising

Batch Schedule

Release 13.2.1

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Oracle® Retail Merchandising Batch Schedule, Release 13.2.1

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Value-Added Reseller (VAR) Language

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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 Fiscal Management (ORFM)
- 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 Merchandising System Operations Guide*
- *Oracle Retail Price Management Operations Guide*
- *Oracle Retail Fiscal Management/RMS Brazil Localization Implementation Guide*

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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

Review Patch Documentation

When you install the application for the first time, you install either a base release (for example, 13.2) or a later patch release (for example, 13.2.1). If you are installing the base release and additional patch and bundled hot fix releases, read the documentation for all releases that have occurred since the base release before you begin installation. Documentation for patch and bundled hot fix releases can contain critical information related to the base release, as well as information about code changes since the base release.

Oracle Retail Documentation on the Oracle Technology Network

Documentation is packaged with each Oracle Retail product release. Oracle Retail product documentation is also available on the following Web site:
http://www.oracle.com/technology/documentation/oracle_retail.html

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

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

Conventions

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

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

1

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 Fiscal Management (ORFM)

> **Note:** Additional batches are required to be run when Brazil localization is enabled in RMS.

- 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)

The extracts for RPAS 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 Retail Extract, Transform, and Load (RETL) data flows for the extracts from RMS to MFP.
- Chapter 6 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.

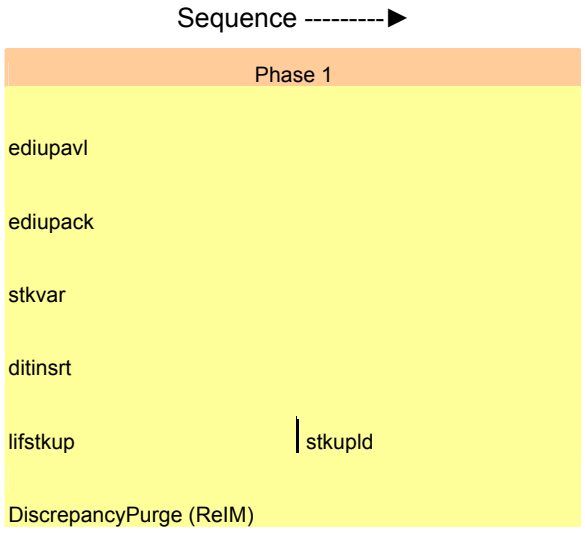
Each phase must be completed before the next phase can begin. Also, a phase may contain programs that depend on other programs within the phase. Programs within each phase may need to run in a particular sequence.

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: ▪ Daily purges ▪ Updates to currency exchange rates ▪ Updates to value-added tax (VAT) data
Phase 1	This phase prepares the tables for interfacing with external systems in Phase 2. Among other programs, the stock variance (stkvar) batch program is run to update stock counts.
Phase 2	During this phase, information is uploaded from external interfaces, including point of sale (POS) data (posupld batch program).
Phase 3	In this phase, the main RMS processing programs are run for purchasing, ordering, stock ledger, deals, and replenishment.
Phase 4	This phase pushes data to external sources. Changed system information is rebuilt. Open to buy (OTB) data is updated. Information is sent to the forecasting system.
Phase 5	This phase consists of ReIM process upload programs.

Phase	Description
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, 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	**stukpld**

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.

	cntrordb
ociroq	**reqext**

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

ibexpl	**ibcalc**
cntrprss	

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 MFP application. In this case, the retailer may not want to run the programs that extract RMS data to be used later by the MFP 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
audltprg	Audit	Audit	N/A	ad hoc	N/A	N/A		daily	N	audltprg /@Batch_Alias_Name
auditsys	Audit	N	N/A	ad hoc	N/A	N/A		daily	N	auditsys /@Batch_Alias_Name
batch_allocfsupd.ksh	Cost Component Updates	Y	Allocation and Transfer	2	batch_compeffupd.ksh	If none of the Cost Component Updates batch are to be run then, prepost batch_costcompupd post.		daily	N	batch_allocfsupd.ksh [-p <# parallel threads>] <connect> <# parallel threads> is the number of threads to run in parallel. The default is the value on RESTART_CONTROL.NUM_THREADS.
batch_compeffupd.ksh	Cost Component Updates	N	NA	2	NA	If none of the Cost Component Updates batch are to be run then, prepost batch_costcompupd post.		daily	N	batch_compeffupd.ksh <connect>
batch_depchrgupd.ksh	Cost Component Updates	N	N/A	2	batch_compeffupd.ksh	If none of the Cost Component Updates batch are to be run then, prepost batch_costcompupd post.		daily	N	batch_depchrgupd.ksh <connect>
batch_expprofupd.ksh	Cost Component Updates	N	N/A	2	batch_compeffupd.ksh	If none of the Cost Component Updates batch are to be run then, prepost batch_costcompupd post.		daily	N	batch_expprofupd.ksh <connect>
batch_itmcostcompupd.ksh	Cost Component Updates	N	Location, Supplier	2	batch_compeffupd.ksh	If none of the Cost Component Updates batch are to be run then, prepost batch_costcompupd post. prepost batch_ordcostcompupd post		daily	N	batch_itmcostcompupd.ksh [-p <# parallel threads>] <connect> <# parallel threads> is the number of threads to run in parallel. The default is the value on RESTART_CONTROL.NUM_THREADS.
batch_ordcostcompupd.ksh	Cost Component Updates	Y	Order	2	batch_compeffupd.ksh, prepost batch_ordcostcompupd pre	prepost batch_costcompupd post		daily	N	ch_ordcostcompupd.ksh [-p <# parallel threads>] <connect> <# parallel threads> is the number of threads to run in parallel. The default is the value on RESTART_CONTROL.NUM_THREADS.
batch_orpos_extract.ksh	Point of Sale Interface	Y	Store	4	If RPM pricing info is reqd then run after extraction script 'RPMtoORPOSPublishExport.sh'	posdnld (only if generic POS extract is used) prepost posdnld post prepost batch_orpos_extract post poscdnld (only if generic POS coupon extract is used) prepost poscdnld post		daily	N	batch_orpos_extract.ksh /@Batch_Alias_Name [-p <no. of threads>] [DIR - location where extracts are to be generated]
ccprg	Costing	N	N/A	ad hoc	N/A	N/A		monthly	N	ccprg /@Batch_Alias_Name
cednld	Trade Management	Y	Broker	2	N/A	N/A		daily	R	cednld /@Batch_Alias_Name broker file_name
cmpprg	Pricing	N	N/A	ad hoc	N/A	N/A		daily	N	cmpprg /@Batch_Alias_Name
cmpupld	Pricing	N	N/A	ad hoc	N/A	All RPM batch modules		ad hoc	R	cmpupld /@Batch_Alias_Name input_file reject_file
cntrmain	Contracting	N	N/A	0	N/A	All Replenishment modules		daily	R	cntrmain /@Batch_Alias_Name
cntrordb	Contracting	Y	Contract	3	rpladj	prepost cntrordb post		daily	R	cntrordb /@Batch_Alias_Name
cntrprss	Contracting	Y	Dept	3	rplext	rplbld		daily	R	cntrprss /@Batch_Alias_Name
costeventprg.pc	Real Time Costing	Event Type		0	N/A	N/A		daily	R	costeventprg /@Batch_Alias_Name
cremhierdly	Reclassification	N	N/A	4	N/A salstage prepost dealact_nor pre prepost dealact_po pre	reclsdly		daily	R	cremhierdly /@Batch_Alias_Name
dealact	Deals	Y	Deal Id	3	prepost dealact_sales pre	N/A		daily	R	dealact /@Batch_Alias_Name
dealcls	Deals	N	N/A	3	N/A dealinc	prepost dealcls post prepost dealday post		daily	R	dealcls /@Batch_Alias_Name
dealday	Deals	Y	Location	3	prepost dealday pre dealinc	salmnth		monthly	R	dealday /@Batch_Alias_Name
dealfct	Deals	Y	Deal Id	3	prepost dealfct pre	salmth dealfct dealday salmth		daily	R	dealfct /@Batch_Alias_Name [Y/N - EOM processing ind]
dealfinc	Deals	Y	Deal Id	3	dealact dealact	salmth		weekly/ad hoc	R	dealfinc /@Batch_Alias_Name
dealinc	Deals	Y	Deal Id	3	prepost dealinc pre	salmth (if monthly)		monthly	R	dealinc /@Batch_Alias_Name [Y/N -EOM processing ind]
dealprg	Deals	N	N/A	ad hoc	N/A	N/A		monthly	R	dealprg /@Batch_Alias_Name
dealupld	Deals	Y	File-based	0	(This program is the first one in Deals batch) (This program will likely be run after sales	(All other deals programs)		daily	R	dealupld /@Batch_Alias_Name input_file reject_file
dlrtbld	Item Maintenance	Y	Dept	3	information is uploaded into Oracle Retail)	(SQL*Load the output file)		daily	R	dlrtbld /@Batch_Alias_Name outfile
discotbapply	OTB	Y	Dept	4	orddscnt	N/A		daily	R	discotbapply /@Batch_Alias_Name
distropcpub	Pricing/Transfers/Allocation Publish	Y	Store	3	PriceEventExecutionBatch(RPM)	N/A		daily	R	distropcpub /@Batch_Alias_Name
ditinsrt	Deals	N	N/A	1	N/A	orddscnt		daily	R	ditinsrt /@Batch_Alias_Name (P or S) (supplier/partner). P or S = program is either run for deals set up Partner or Supplier. supplier/partner is selected by appropriate calling script and passed into program. Note: (May use the batch_ditinsrt.ksh for launching this program as it is created bas on performance considerations)
dlyprg	Maintenance	N	N/A	0	N/A	(All other batch programs)		daily	N	dlyprg /@Batch_Alias_Name
docclose	Receiving	N	N/A	ad hoc	N/A sastdycr (This program should run at the end of the batch	N/A		daily	R	docclose /@Batch_Alias_Name
dtesys	Calendar	N	N/A	date_set	cycle)	prepost dtesys post		daily	N	dtesys /@Batch_Alias_Name [indate--YYYYMMDD format]
dummyctn	Receiving	N	N/A	ad hoc	N/A	N/A		daily	N	dummyctn /@Batch_Alias_Name
ediladd	Maintenance	N	N/A	ad hoc	N/A	N/A		ad hoc	N	ediladd /@Batch_Alias_Name ediadd_output ediadd_catalog
edidlcon	Contracting	N	N/A	ad hoc	N/A	N/A		ad hoc	N	edidlcon /@Batch_Alias_Name edidlcon_outfile
edidlinv	Invoice Matching	Y	Location	4	N/A ordrev	N/A		daily	R	edidlinv /@Batch_Alias_Name output_filename
edidlord	Ordering	N	N/A	4	(and after replenishment batch)	N/A		ad hoc	R	edidlord /@Batch_Alias_Name filename
edidlprd	EDI Interface - Sales and Inventory	N	N/A	4	prepost edidlprd pre	prepost edidlprd post		daily	R	edidlprd /@Batch_Alias_Name filename
edlprg	EDI Interface - Purge	N	N/A	ad hoc	(Towards the end of the batch cycle)	N/A		monthly	R	edlprg /@Batch_Alias_Name
eduipadd	Maintenance	N	File-based	2	N/A	N/A		daily	N	eduipadd /@Batch_Alias_Name input_file reject_file
eduipack	EDI Interface - ordering	N	N/A	1	N/A	N/A		ad hoc	R	eduipack /@Batch_Alias_Name data_file reject_file
eduipavl	EDI Interface - Contracts	N	File-based	1	N/A	N/A		daily	R	eduipavl /@Batch_Alias_Name input_file reject_file
eduipcat	EDI Interface - Suppliers	N	File-based	ad hoc	N/A	N/A		daily	R	eduipcat /@Batch_Alias_Name edi_data_file error_file
elcexcprg	Cost Component Updates	N	N/A	2	N/A fcthreadexec	N/A		ad hoc	N	elcexcprg /@Batch_Alias_Name
fcexec	Real Time Costing	Y	Cost Event Process Id	2	prepost fcexec pre	N/A		daily/ad hoc	N	fcexec /@Batch_Alias_Name
fcthreadexec	Real Time Costing	Y	Cost Event Process Id	2	batch_itmcostcompupd.ksh	N/A		daily/ad hoc	N	fcthreadexec /@Batch_Alias_Name
fcstprg	Forecasting	Y	Domain Id	ad hoc	prepost fcstprg pre	prepost fcstprg post		daily	N	fcstprg /@Batch_Alias_Name domain
fcstrbld	Forecasting	Y	Domain Id	3	N/A	prepost fcstrbld post		weekly	R	fcstrbld /@Batch_Alias_Name
fcstrbld_sbc	Forecasting	Y	Domain Id	3	prepost fcstrbld post salstage	N/A		weekly	R	fcstrbld_sbc /@Batch_Alias_Name
fifgldn1	Financial Interface	Y	Dept	3		prepost fifgldn1 post	salapnd	daily	R	fifgldn1 /@Batch_Alias_Name
fifgldn2	Financial Interface	Y	Dept	3	salstage	salapnd		daily	R	fifgldn2 /@Batch_Alias_Name
fifgldn3	Financial Interface	Y	Store/Wh	3	salmth	N/A		monthly	R	fifgldn3 /@Batch_Alias_Name
fimednld	Planing System Interface	N	N/A	ad hoc	N/A	N/A		ad hoc	R	fimednld /@Batch_Alias_Name
gcupld	Misc Interface - Taxgeocode	N	N/A	ad hoc	N/A	N/A		ad hoc	R	gcupld <username/password@environment> <infile> <outfile>
genpreiss	Ordering	Y	Supplier	ad hoc	N/A	N/A		ad hoc	R	genpreiss /@Batch_Alias_Name
gradupld	Forecasting	N	File-based	ad hoc	N/A posupld	N/A		ad hoc	R	gradupld /@Batch_Alias_Name input_file rej_file
hstbld	Sales	Y	Location	3	prepost hstbld pre (for rebuild all)	prepost hstbld post		weekly	R	hstbld /@Batch_Alias_Name level(weekly/rebuild)
hstbld_diff	Sales	N	N/A	ad hoc	hstbld	N/A		ad hoc	N	hstbld_diff /@Batch_Alias_Name
hstbldmth	Sales	Y	Dept	3	posupld	prepost hstbldmth post		monthly	R	hstbldmth /@Batch_Alias_Name level(monthly/rebuild)
hstbldmth_diff	Sales	N	N/A	ad hoc	N/A	prepost hstbld post		ad hoc	N	hstbldmth_diff /@Batch_Alias_Name

						(Run SQL*Loader using the control file hstmthupd.ctl			
						to load data from the output file written by			
hstmthupd	Sales	Y	Location	3	(The program should be run on the last day of the month).	HSTMTHUPD.PC for non-existent records on ITEM_LOC_HIST_MTH)	monthly	R	hstmthupd /@Batch_Alias_Name (out_file)
hstprg	Sales	N	N/A	ad hoc	N/A	N/A	monthly	N	hstprg /@Batch_Alias_Name
hstprg_diff	Sales	N	N/A	ad hoc	N/A	N/A	weekly	N	hstprg_diff /@Batch_Alias_Name
						Run SQL*Loader using the control file hstwkupd.ctl t			
						load data from the output file written by			
hstwkupd	Sales	Y	Store/Wh	3	N/A	HSTWKUPD.PC for non-existent records on ITEM_LOC_HIST	weekly	R	hstwkupd /@Batch_Alias_Name (out_file)
					Hts240_to_2400 (perl script)				
					Ushts2rms (perl script)				htsupld /@Batch_Alias_Name input_file reject_file country_id ; perl hts_240_to_2400 inputfile outputfile ; perl ushts2rms
htsupld	Trade Management	Y	File-based	ad hoc	prepost htsupld pre	N/A	ad hoc	R	inputfile outputfile rejectfile
					ibexpl				
					replext				
ibcalc	Investment Buy	Y	Dept	3	prepost ibcalc pre	rplbld	daily	R	ibcalc /@Batch_Alias_Name
ibexpl	Investment Buy	N	N/A	3	rplext	ibcalc	daily	N	ibexpl /@Batch_Alias_Name
invaprg	Inventory Adjustments	N	N/A	ad hoc	N/A	N/A	monthly	N	invaprg /@Batch_Alias_Name
invclshp	Invoice Matching	N	N/A	2	N/A	N/A	daily	N	invclshp /@Batch_Alias_Name
invprg	Invoice Matching	N	N/A	ad hoc	ordprg	N/A	monthly	R	invprg /@Batch_Alias_Name
lcadnld	Letter of Credit	N	N/A	4	N/A	lcmt700 (perl script)	daily	R	lcadnld /@Batch_Alias_Name output_file
lclrbld	Maintenance - Location	N	N/A	ad hoc	storeadd	N/A	monthly	R	lclrbld /@Batch_Alias_Name
lcmdnld	Letter of Credit	N	N/A	4	N/A	lcmt707 (perl script)	daily	R	lcmdnld /@Batch_Alias_Name output_file.
lcup798	Letter of Credit	N	N/A	2	lcmt798 (perl script)	N/A	daily	R	lcup798 /@Batch_Alias_Name input_file rej_file
lcupld	Letter of Credit	N	N/A	2	lcmt730 (perl script)	N/A	daily	R	lcupld /@Batch_Alias_Name input_file rej_file
lifstkup	Stock Ledger	N	File-based	1	inv_bal_upload.sh (warehouse mgmt program)	stkupld	daily	N	lifstkup /@Batch_Alias_Name input_file output_file
likestore	Maintenance - Location	Y	Dept	ad hoc	storeadd	prepost likestore post	daily	R	likestore /@Batch_Alias_Name
						mrtrtv			
mrt	Mass Return Transfers	Y	Warehouse	2	N/A	mrtupd	daily	R	mrt /@Batch_Alias_Name
mrtprg	Mass Return Transfers	Y	Warehouse	ad hoc	N/A	N/A	ad hoc	R	mrtprg /@Batch_Alias_Name
						mrtupd			
mrtrtv	Mass Return Transfers	Y	Warehouse	2	mrt		daily	R	mrtrtv /@Batch_Alias_Name
mrtupd	Mass Return Transfers	Y	Warehouse	2	mrtrtv	N/A	daily	R	mrtupd /@Batch_Alias_Name
nwppurge	Stock Ledger	N	N/A	ad hoc	N/A	N/A	ad hoc	N	nwppurge /@Batch_Alias_Name
nwpyearend	Stock Count	Y	Location	4	run on last day of year	N/A	yearly	R	nwpyearend /@Batch_Alias_Name
					prepost ociroq pre				
ociroq	Replenishment	N	N/A	3	repladj	N/A	daily	R	ociroq /@Batch_Alias_Name
onictext	Planing System Interface	Y	Transfer	4	onordext	onroddnld	weekly	R	onictext /@Batch_Alias_Name datefile
onorddnld	Planing System Interface	Y	Store/Wh	4	onictext	N/A	daily	R	onorddnld /@Batch_Alias_Name
onordext	Planing System Interface	Y	Order	4	prepost onordext pre	onictext	daily	R	onordext /@Batch_Alias_Name datefile
ordautcl	Ordering	N	N/A	ad hoc	N/A	N/A	daily	N	ordautcl /@Batch_Alias_Name
					ditinsrt				
					sccext				
orddscnt	Deals	Y	Supplier	4	reclsdly	discotbapply dealcls	daily	R	orddscnt /@Batch_Alias_Name
ordinvupld	Inventory Adjustments	Y	File-based	2	saordinvexp	N/A	daily	R	ordinvupld /@Batch_Alias_Name input_file reject_file lock_file
ordprg	Ordering	N	N/A	ad hoc	N/A	invprg	monthly	N	ordprg /@Batch_Alias_Name
ordrev	Ordering	N	N/A	4	orddscnt	eddiford	daily	R	ordrev /@Batch_Alias_Name
						otbdnld			
					sccext	otbdlsal			
ordupd	Ordering	N	N/A	4	(After RPM pricing change extraction batch)	otbdlord	daily	N	ordupd /@Batch_Alias_Name
otbdlord	OTB	N	N/A	4	ordupd	N/A	daily	R	otbdlord /@Batch_Alias_Name output_file
otbdlsal	OTB	N	N/A	4	ordupd	N/A	daily	R	otbdlsal /@Batch_Alias_Name output_file
otbdnld	OTB	N	N/A	4	ordupd	N/A	daily	R	otbdnld /@Batch_Alias_Name output_file
otbprg	OTB	N	N/A	ad hoc	N/A	N/A	monthly	N	otbprg /@Batch_Alias_Name
otbupfwd	OTB	Y	File-based	ad hoc	N/A	N/A	daily	R	/@Batch_Alias_Name input_file reject_file
otbupld	OTB	Y	File-based	ad hoc	N/A	N/A	daily	R	otbupld /@Batch_Alias_Name input_file reject_file
poscdnld	Point of Sale Interface	N	N/A	4	posdnld	prepost poscdnld post	daily	R	poscdnld /@Batch_Alias_Name outputfile
posdnld	Point of Sale Interface	Y	Store	ad hoc	N/A	prepost posdnld post	daily	R	posdnld /@Batch_Alias_Name output_filename
posgpdld	Point of Sale Interface	N	N/A	4	reclsdly	N/A	daily	R	posgpdld /@Batch_Alias_Name output_file
posrefresh	Inventory	N	N/A	ad hoc	N/A	N/A	ad hoc	R	posrefresh /@Batch_Alias_Name output_file store
posupld	Sales	Y	File-based	2	saexprms(ReSA)	prepost posupld post salstage	daily	R	posupld /@Batch_Alias_Name infile rejfile vatfile itemfile lockfile
prepost	Pre/post functionality	N	N/A	all phases	N/A	N/A	daily	N	prepost /@Batch_Alias_Name program pre_or_post
reclsdly	Item Maintenance	Y	Reclass no	4	cremhierdly	prepost reclsdly post	daily	R	reclsdly /@Batch_Alias_Name process_mode
						reqext			
repladj	Replenishment	Y	Dept	3	rplatupd	rplext	daily	R	repladj /@Batch_Alias_Name
									replsizeprofile /@Batch_Alias_Name Y/N. (Y/N inicator indicates if allocations is installed or not, if installed pre job for this
replsizeprofile	Replenishment	N	N/A	ad hoc	prepost replsizeprofile pre	N/A	ad hoc	N	program has to be run prepost replsizeprofile pre)
					posupld				
					rplatupd				
					repladj				
					prepost ociroq pre				
					ociroq				reqext /@Batch_Alias_Name partition_position (May use the batch_reqext.ksh for launching this program as it is created
reqext	Replenishment	Y	Partition (Item)	3	prepost reqext pre	prepost reqext post rplext	daily	R	based on performance considerations)
					storeadd				
					sccext	prepost rilmaint post			
rilmaint	Replenishment	Y	Location	3	rplatupd	repladj	daily	R	rilmaint username/password
					rplsplit				
					supcnstr				
rplapprv	Replenishment	N	N/A	3	prepost rplapprv pre	batch_rplapprvgtax	daily	R	rplapprv /@Batch_Alias_Name
									batch_rplapprvgtax.ksh [-p <# parallel threads>] <connect>
									<# parallel threads> is the number of threads to run in parallel.
batch_rplapprvgtax	Replenishment	Y	Order	3	rplapprv	N/A	daily	N	The default is the value on RESTART_CONTROL.NUM_THREADS.
rplathistprg	Replenishment	N	N/A	ad hoc	N/A	N/A	ad hoc	N	rplathistprg /@Batch_Alias_Name (This batch may be run only if repl_attr_hist_retention_weeks in system_options table is set)
						prepost rplatupd post			
						repladj rplext			
rplatupd	Replenishment	Y	Location	3	prepost rplatupd pre	reqext	daily	R	rplatupd /@Batch_Alias_Name
					ibcalc				
					rplext				
					cntrprss				
					vrplbld				
					ibexpl				
rplbld	Replenishment	Y	Supplier	3	supsplit	supcnstr	daily	R	rplbld username/password
					prepost rpl pre				
					rplatupd				
					rilmaint	prepost rplext post supsplit cntrprss(if			
					repladj	contracting is used, otherwise			
					reqext	run ... ibcxpl rplbld) daily		R	rplext /@Batch_Alias_Name dept (May use the batch_rplext.ksh for launching this program as it is created based on
rplext	Replenishment	Y	Dept	3	cntrordb	ibcalc			performance considerations)

rplprg	Replenishment	N	N/A	ad hoc	N/A	N/A	daily	N	rplprg /@Batch_Alias_Name
rplprg_month	Replenishment	N	N/A	ad hoc	N/A	N/A	monthly	N	rplprg_month /@Batch_Alias_Name
rplsplit	Replenishment	Y	Supplier	3	supcnstr	rplapprv	daily	R	rplsplit /@Batch_Alias_Name
rpmmovavg	Pricing	Y	Store	3	salstage	N/A	daily	R	rpmmovavg /@Batch_Alias_Name business_date(YYYYMMDD) store(optional)
rtvprg	RTV	N	N/A	ad hoc	N/A	N/A	monthly	N	rtvprg /@Batch_Alias_Name
sacrypt	Sales Audit	Y	Store/Day	SA	sagetref satotals	N/A	daily	N	sacrypt /@Batch_Alias_Name infile outfile key_file e/d (Encryption/Decryption indicator) Note: outfile generated by batch is infile for saimptlog.
saescheat	Sales Audit	N	N/A	SA	sarules satotals sarules	saexpim	sapurge monthly	R	saescheat /@Batch_Alias_Name
saexpach	Sales Audit	N	N/A	SA	sapreexp satotals sarules	N/A	daily	R	saexpach /@Batch_Alias_Name
saexpgl	Sales Audit	N	N/A	SA	sapreexp sapreexp	N/A	daily	R	saexpgl /@Batch_Alias_Name
saexpim	Sales Audit	N	N/A	SA	saescheat	N/A	daily	R	saexpim /@Batch_Alias_Name
saexpdw	Sales Audit	Y	Store	SA	sapreexp satotals sarules	resa2dw(perl script)	daily	R	saexpdw /@Batch_Alias_Name ; perl resa2dw inputfile outputfile
saexprms	Sales Audit	Y	Store	SA	sapreexp satotals sarules	saprepost saexprms post	daily	R	saexprms /@Batch_Alias_Name
saexpuar	Sales Audit	N	N/A	SA	sapreexp	N/A	daily	R	saexpuar /@Batch_Alias_Name
sagetref	Sales Audit	N	N/A	SA	sastdycr	saimptlog	daily	R	sagetref /@Batch_Alias_Name itemfile wastefile ref_itemfile prim_variantfile varupcfile storedayfile codesfile errorfile ccvalfile storepostfile tendertypefile merchcodesfile partnerfile supplierfile employeefile bannerfile currencyfile (To prevent a file from being written, place a '-' in its place. Note: Item files must all be written together).
saimpadj	Sales Audit	N	N/A	SA	saimptlogfin sagetref	satotals saprepost saimptlog post	daily	R	saimpadj /@Batch_Alias_Name input_file rej_file saimptlog user/pw infile badfile itemfile wastefile refitemfile primvariantfile varupcfile storedayfile promfile codesfile errorfile
saimptlog	Sales Audit	Y	Store/Day	SA	saprepost saimptlog pre saimptlog	(Use sql Loader to load data into ReSA tables)	daily	N	ccvalfile storepostfile tendertypefile merchcodefile partnerfile supplierfile employeefile bannerfile
saimptlogfin	Sales Audit	N	N/A	SA	savouch salstage fifgldn1	satotals	daily	R	saimptlogfin /@Batch_Alias_Name store_day_file
salapnd	Stock Ledger	N	N/A	3	fifgldn2	N/A	daily	R	salapnd /@Batch_Alias_Name
saldly	Stock Ledger	Y	Store/Wh	3	salstage	salweek	daily	R	saldly /@Batch_Alias_Name
saleoh	Stock Ledger	Y	Dept	3	salmth	N/A	half yearly	N	saleoh /@Batch_Alias_Name
salins	Sales	N	N/A	0	N/A	N/A	daily	R	salins /@Batch_Alias_Name
salmaint	Stock Ledger	N	N/A	ad hoc	N/A	N/A	half yearly	N	salmaint /@Batch_Alias_Name pre_or_post
salmth	Stock Ledger	Y	Dept	3	salweek	prepost salmth post	monthly	R	salmth /@Batch_Alias_Name
salprg	Stock Ledger	N	N/A	ad hoc	N/A	N/A	daily	N	salprg /@Batch_Alias_Name
salstage	Stock Ledger	N	N/A	3	posupld saldly stkdly salapnd prepost salweek pre dealfct dealinc vendinvc	saldly salapnd dealfct rpmmovavg fifgldn2 salmth	salweek fifgldn1	daily	N	salstage /@Batch_Alias_Name
salweek	Stock Ledger	Y	Dept	3	vendinvf	prepost salweek post	weekly	R	salweek /@Batch_Alias_Name
saordinvexp	Sales Audit	Y	Store	2	N/A	N/A	daily	R	saordinvexp /@Batch_Alias_Name
sapreexp	Sales Audit	N	N/A	SA	SA audit process	(Before any SA export process)	daily	R	sapreexp /@Batch_Alias_Name
saprepost	Sales Audit	N	N/A	SA	N/A saprepost sapurge pre (This program should be run as the last program	N/A	daily	N	saprepost /@Batch_Alias_Name program pre_or_post
sapurge	Sales Audit	Y	Store	SA	in the ReSA batch schedule)	saprepost sapurge post	daily	R	sapurge /@Batch_Alias_Name deleted_items_file [optional list of store days to be deleted]
sarules	Sales Audit	N	N/A	SA	satotals (It should run before the DTESYS batch program and before the next store/day's transactions are	sapreexp	saescheat daily	R	sarules /@Batch_Alias_Name store_no
sastdycr	Sales Audit	N	N/A	date_set	received)	dtesys	daily	R	sastdycr /@Batch_Alias_Name [YYYYMMDD]
satotals	Sales Audit	N	N/A	SA	saimptlogfin	sarules	daily	R	satotals /@Batch_Alias_Name store_no
savouch	Sales Audit	N	N/A	SA	saimptlog (and its SQL Load process)	saimptlogfin	daily	R	savouch /@Batch_Alias_Name infile rejfile tendertype_file
sccext	Costing	Y	Cost change	3	N/A	prepost sccext post	daily	R	sccext /@Batch_Alias_Name
schedprg	Organizational Hierarchy	N	N/A	ad hoc	N/A	N/A	monthly	R	schedprg /@Batch_Alias_Name
sitmain	Item Maintenance	N	N/A	ad hoc	lcinbid	N/A	ad hoc	R	sitmain /@Batch_Alias_Name
soutdnld	Forecasting	Y	Domain Id	4	N/A	N/A	daily	R	soutdnld /@Batch_Alias_Name
stkdly	Stock Ledger	Y	Dept	3	stkvar	salweek	daily	R	stkdly /@Batch_Alias_Name
stkprg	Stock Ledger	N	N/A	ad hoc	N/A	prepost stkprg post	monthly	N	stkprg /@Batch_Alias_Name
stkschedxpld	Stock Ledger	Y	Location	0	N/A prepost stkupd pre	stkxpld	daily	R	stkschedxpld /@Batch_Alias_Name
stkupd	Stock Ledger	Y	Location	3	stkxpld	prepost stkupd post	daily	R	stkupd /@Batch_Alias_Name
stkupld	Stock Ledger	Y	Dept	1	lftstkup	N/A	daily	R	stkupld /@Batch_Alias_Name input_file reject_file
stkvar	Stock Ledger	Y	Dept	1	N/A stkschedxpld	N/A	daily	R	stkvar /@Batch_Alias_Name [report_file_name]
stkxpld	Stock Ledger	Y	Dept	3	wasteadj	stkupd	daily	R	stkxpld /@Batch_Alias_Name
stlgdnld	Stock Ledger	Y	Dept	4	N/A prepost storeadd post	N/A likestore	weekly	R	stlgdnld /@Batch_Alias_Name input_file
storeadd	Maintenance - Location	N	N/A	ad hoc	N/A	N/A	daily	R	storeadd /@Batch_Alias_Name
supcnstr	Replenishment	N	N/A	3	rplbld	rplsplit	daily	R	supcnstr /@Batch_Alias_Name
supmth	Stock Ledger	Y	Dept	3	N/A rplext	prepost supmth post	monthly	R	supmth /@Batch_Alias_Name
supsplit	Replenishment	Y	Item	3 / Adhoc	prepost supsplit pre	rplbld	daily	R	supsplit /@Batch_Alias_Name
tamperctn	Receiving	N	N/A	ad hoc	N/A	N/A	ad hoc	N	tamperctn /@Batch_Alias_Name
taxdnld	Tax	Y	Store	ad hoc	N/A	N/A	ad hoc	R	taxdnld /@Batch_Alias_Name output_filename
taxevntprg	Tax	N	N/A	ad hoc	N/A	N/A	ad hoc	N	taxevntprg /@Batch_Alias_Name no_of_days
tckdnld	Maintenance	N	N/A	ad hoc	N/A	N/A	daily	R	tckdnld /@Batch_Alias_Name filename print_online_ind days_in_advance [location]
tlfposdn	Sales Tax	N	N/A	4	txrposdn	prepost tlfposdn post	daily	R	tlfposdn /@Batch_Alias_Name output_file
tranupld	Trade Management	Y	File-based	ad hoc	N/A	N/A	daily	R	tranupld /@Batch_Alias_Name infile
tsfclose	Transfers	Y	Transfer	ad hoc	N/A	N/A	daily	R	tsfclose /@Batch_Alias_Name
tsfprg	Transfers	N	N/A	ad hoc	N/A	N/A	monthly	R	tsfprg /@Batch_Alias_Name
txrposdn	Point of Sale Intereface	N	N/A	4	N/A	tlfposdn	daily	R	txrposdn /@Batch_Alias_Name
txrtupld	Sales Tax	N	N/A	4	N/A	N/A	ad hoc	R	txrtupld username/password input_file reject_file
vatdtxpl	Maintenance - VAT	Y	Vat Region	0	N/A	prepost vatdtxpl post	daily	R	vatdtxpl /@Batch_Alias_Name
vendinvc	Deals	Y	Deal Id	3	dealact salstage(if daily) prepost vendinvc pre	prepost vendinvc post salweek(if weekly) salmth (if monthly)	daily	R	vendinvc /@Batch_Alias_Name
vendinvf	Deals	Y	Deal Id	3	salstage(if daily) prepost vendinvf pre	prepost vendinvf post salweek(if weekly) salmth (if monthly)	daily	R	vendinvf /@Batch_Alias_Name
vrplbld	Replenishment	Y	Supplier	2	edlupack	prepost vrplbld post	daily	R	vrplbld /@Batch_Alias_Name
wasteadj	Stock Ledger	Y	Store	3	N/A	stkxpld	stkupd daily	R	wasteadj /@Batch_Alias_Name
wfordcls	Ordering	Y	Wholesale Order ID	ad hoc	N/A	wfordprg	daily	R	wfordcls /@Batch_Alias_Name
wfordprg	Ordering	Y	Wholesale Order ID	ad hoc	wfordcls	N/A	daily	R	wfordprg /@Batch_Alias_Name
wfordupld.ksh	Ordering	Y	CustomerRefID	adhoc	N/A	N/A	ad hoc	R	wfordupld.ksh /@Batch_Alias_Name input_file_directory output_file_directory number_of_threads
wfrtnprg	Ordering	Y	Wholesale Return ID	ad hoc	N/A	N/A	daily	R	wfrtnprg /@Batch_Alias_Name
whadd	Maintenance - Location	N	N/A	ad hoc	N/A	prepost whadd post	daily	R	whadd /@Batch_Alias_Name
whstrasg	Maintenance - Location	N	N/A	3	(Must be run after all replenishment batch programs).	prepost whstrasg post	daily	R	whstrasg /@Batch_Alias_Name

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	reclsdly(RMS)	NewItemLocBatch	daily/ad hoc	N	itemReclassBatch.sh rpm-batch-user-alias
NewItemLocBatch	Future Retail	N	N/A	N/A	storeadd(RMS), ItemReclassBatch	LocationMoveBatch	daily/ad hoc	N	newItemLocBatch.sh rpm-batch-user-alias [status [error-commit-count]]
LocationMoveScheduleBatch	Zone Structure/Future Retail	Y	Location move	N/A	NewItemLocBatch	LocationMoveBatch, PriceEventExecutionBatch PriceEventExecutionBatch	daily, adhoc	N	locationMoveScheduleBatch.sh rpm-batch-user-alias
LocationMoveBatch	Zone Structure/Future Retail	Y	Location move	N/A	NewItemLocBatch LocationMoveBatch		daily	N	locationMoveBatch.sh rpm-batch-user-alias
PriceEventExecutionBatch	Price Change/Clearance/Promotion	Y	Pricing event	N/A	salstage (RMS) PriceEventExecutionBatch	PriceEventExecutionRMSBatch	daily	N	priceEventExecutionBatch.sh rpm-batch-user-alias
PriceEventExecutionRMSBatch	Price Change/Clearance/Promotion	Y	Pricing event	N/A		PriceEventExecutionDealsBatch	daily	N	priceEventExecutionRMSBatch.sh rpm-batch-user-alias
PriceEventExecutionDealsBatch	Price Change/Clearance/Promotion	Y	Pricing event	N/A	PriceEventExecutionRMSBatch	MerchExtractKickOffBatch	daily	N	priceEventExecutionDealsBatch.sh rpm-batch-user-alias
PriceStrategyCalendarBatch	Price Strategy	N		N/A	N/A	MerchExtractKickOffBatch	daily	N	priceStrategyCalendarBatch.sh rpm-batch-user-alias
WorksheetAutoApproveBatch	Pricing Worksheet	Y	Price strategy	N/A	N/A PriceEventExecutionBatch storeadd (RMS) WorksheetAutoApproveBatch PriceStrategyCalendarBatch	MerchExtractKickOffBatch	daily	N	worksheetAutoApproveBatch.sh rpm-batch-user-alias
MerchExtractKickOffBatch	Pricing Worksheet	Y	Price strategy	N/A	wfcostcalc (RMS)	Wholesale Item Catalog Report (RMS)	daily	N	merchExtractKickOffBatch.sh rpm-batch-user-alias
PurgeBulkConflictCheckArtifacts	Conflict Checking	N	N/A	N/A	MerchExtractKickOffBatch MerchExtractKickOffBatch WorksheetAutoApproveBatch	N/A	daily	N	purgeBulkConflictCheckArtifacts.sh rpm-batch-user-alias
RPMtoORPOSPublishBatch.sh	Price Change/Clearance/Promotion	N	N/A	N/A	N/A	N/A	daily	N	ksh RPMtoORPOSPublishBatch.sh </@tns-user-name> <log path> <error path>
RPMtoORPOSPublishExport.sh	Price Change/Clearance/Promotion	Y	Location	N/A	RPMtoORPOSPublishBatch.sh	N/A	daily	N	ksh RPMtoORPOSPublishExport.sh </@tns-user-name > <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-batch-user-alias
regularPriceChangePublishExport	Regular Price Changes	N	Price event (item/loc)	N/A	RegularPriceChangePublishBatch		daily/ad hoc	N	regularPriceChangePublishExport.sh /@tns-user-name [export-path]
ClearancePriceChangePublishBatch	Clearances	Y	Price event (item/loc)	N/A	WorksheetAutoApproveBatch	ClearancePriceChangePublishExport	daily/ad hoc	N	clearancePriceChangePublishBatch.sh rpm-batch-user-alias
ClearancePriceChangePublishExport	Clearances	N	Price event (item/loc)	N/A	ClearancePriceChangePublishBatch		daily/ad hoc	N	clearancePriceChangePublishExport.sh /@tns-user-name [export-path]
PromotionPriceChangePublishBatch	Promotions	Y	Price event (item/loc)	N/A	WorksheetAutoApproveBatch	PromotionPriceChangePublishExport	daily/ad hoc	N	promotionPriceChangePublishBatch.sh rpm-batch-user-alias
PromotionPriceChangePublishExport	Promotions	N	Price event (item/loc)	N/A	PromotionPriceChangePublishBatch	N/A	daily/ad hoc	N	promotionPriceChangePublishExport.sh /@tns-user-name [export-path]
PriceChangeAutoApproveResultsPurgeBatch	Purge	N	N/A	N/A	N/A	N/A	daily	N	priceChangeAutoApproveResultsPurgeBatch.sh rpm-batch-user-alias
PriceChangePurgeBatch	Purge	N	N/A	N/A	N/A	N/A	daily	N	priceChangePurgeBatch.sh rpm-batch-user-alias
PriceChangePurgeWorkspaceBatch	Purge	N	N/A	N/A	N/A	N/A	daily	N	priceChangePurgeWorkspaceBatch.sh rpm-batch-user-alias
promotionArchiveBatch.sh	Promotin	N	N/A	N/A	N/A	N/A	daily		
PromotionPurgeBatch	Purge	N	N/A	N/A	N/A	N/A	daily	N	promotionPurgeBatch.sh rpm-batch-user-alias
PurgeExpiredExecutedOrApprovedClearancesBatch	Purge	N	N/A	N/A	N/A	N/A	daily	N	purgeExpiredExecutedOrApprovedClearancesBatch.sh rpm-batch-user-alias
PurgeUnusedAndAbandonedClearancesBatch	Purge	N	N/A	N/A	N/A	N/A	daily	N	purgeUnusedAndAbandonedClearancesBatch.sh rpm-batch-user-alias
PurgeLocationMovesBatch	Purge	N	N/A	N/A	N/A	N/A	daily	N	purgeLocationMovesBatch.sh rpm-batch-user-alias
ZoneFutureRetailPurgeBatch	Purge	N	N/A	N/A	N/A	N/A	daily	N	zoneFutureRetailPurgeBatch.sh rpm-batch-user-alias
ItemLocDeleteBatch	Purge	N	N/A	N/A	N/A	N/A	daily	N	itemLocDeleteBatch.sh rpm-batch-user-alias
priceChangeAreaDifferentialBatch	Price Change	Y	N/A	N/A	N/A	N/A	ad hoc	N	priceChangeAreaDifferentialBatch rpm-batch-user-alias
InjectorPriceEventBatch	Price Change/Clearance/Promotion	Y	Item/Location	N/A	N/A	PriceEventExecutionDealsBatch	ad hoc	N	injectorPriceEventBatch.sh rpm-batch-user-alias password [status=<status>] [event_type=<event_type>]
refreshPosDataBatch	Price Event	Y	N/A	N/A	N/A	N/A	ad hoc	N	refreshPosDataBatch.sh <rpm-batch-user-alias> <location> [date(YYYYMMdd)]
purgePayloadsBatch	purge	N	Price event		RegularPriceChangePublishExport, ClearancePriceChangePublishExport, PromotionPriceChangePublishExport		ad hoc	N	purgePayloads.sh </@tns-user-name> <publish-status>
taskPurgeBatch.sh	Purge	N	N/A	N/A	N/A	N/A	daily	N	taskPurgeBatch.sh <rpm-batch-user-alias> [<purgeDays>] [Y/N]
processPendingChunksBatch	Price Change/Clearance/Promotion	Y	N/A	N/A	N/A	N/A	ad hoc	N	processPendingChunksBatch.sh rpm-batch-user-alias

RelM 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 (RelM)	N	N/A	N/A	N/A	N/A reimrollup	ad hoc	R	batch-user-alias
reimautomatch	Invoice Matching (RelM)	Y	N/A	6	NA	reimposting	daily	R	batch-user-alias
reimpurge	Invoice Matching (RelM)	N	N/A	0	N/A	N/A	daily	R	batch-user-alias
reimcomplexdealupload	Invoice Matching (RelM)	Y	N/A	5	vendinvc(RMS), vendinvf(RMS)	reimautomatch reimrollup	daily	R	batch-user-alias BlockSize [PartitionNo]
reimcreditnoteautomatch	Invoice Matching (RelM)	Y	N/A	6	N/A	reimposting	daily	R	batch-user-alias
reimdiscrepancypurge	Invoice Matching (RelM)	N	N/A	1	N/A	N/A	daily	R	batch-user-alias
reimedinvupload	Invoice Matching (RelM)	Y	N/A	5	edidiinv(RMS)	reimautomatch,reimcreditnoteautomatch	daily	R	batch-user-alias "EDI input file with path" "EDI reject file with path"
reimedinvdownload	Invoice Matching (RelM)	N	N/A	7	reimposting	N/A	daily	R	batch-user-alias
reimfixeddealupload	Invoice Matching (RelM)	Y	N/A	5	vendinvc(RMS), vendinvf(RMS)	reimautomatch	daily	R	batch-user-alias BlockSize [PartitionNo]
reimrollup	Invoice Matching (RelM)	N	N/A	6	reimautomatch,reimcreditnoteautomatch	reimposting	daily	R	batch-user-alias
reimreceiptwriteoff	Invoice Matching (RelM)	N	N/A	6	reimautomatch	N/A	daily	R	batch-user-alias
reimposting	Invoice Matching (RelM)	N	N/A	6	reimrollup	N/A	daily	R	batch-user-alias

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 pre_rmse_rpas.ksh. (This is the launch script to	N/A	daily	N	N/A
rmse_rpas.ksh	Planning/Forecast System Interface	N	N/A	N/A	run the extracts)	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_attributes.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh saldly	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 stmain reclsdly dlyprg	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_item_master.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh reclsdly 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 dlyprg	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_orghier.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh stkdly	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 storeadd dlyprg	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_store.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_suppliers.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh hstwkupd salweek	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 whadd dlyprg	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 After all RMS/Planning System Integration RETL	Refer to RPAS Operations guide	daily	N	rmsl_rpas_forecast.ksh daily or weekly
rmsl_rpas_update_retl_date.ksh	Planning/Forecast System Interface	N	N/A	N/A	scripts are run	Refer to RPAS Operations guide	daily	N	rmsl_rpas_update_retal_date.ksh CLOSED_ORDER or RECEIVED_QTY

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, dlyprg	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	tsfprg and ordprg, 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, vrplbld, cntrordb	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, dlyprg	Refer to AIP Operations and Installation Guides dlyprg *(dlyprg to be executed the day after)	daily	N	N/A
rmse_aip_item_master.ksh	AIP interface	N	N/A	AIP RETL Extracts	pre_rmse_aip.ksh, reclsdly	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, dlyprg	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, 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_rec_qty.ksh	AIP interface	N	N/A	AIP RETL Extracts	pre_rmse_aip.ksh, vrplbld, cntrordb, 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	pre_rmse_aip.ksh, stkvar, wasteadj, salstage, reqext, posupld (if running delta extract), stkvar, wasteadj,	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	salstage, reqext	Refer to AIP Operations and Installation Guides	daily	N	D - single -threaded delta extract F - multi-threaded full extract if ITEM_LOC is partitioned; single-threaded full extract if ITEM_LOC is not partitioned

Allocation Program Dependency and Scheduling Details

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

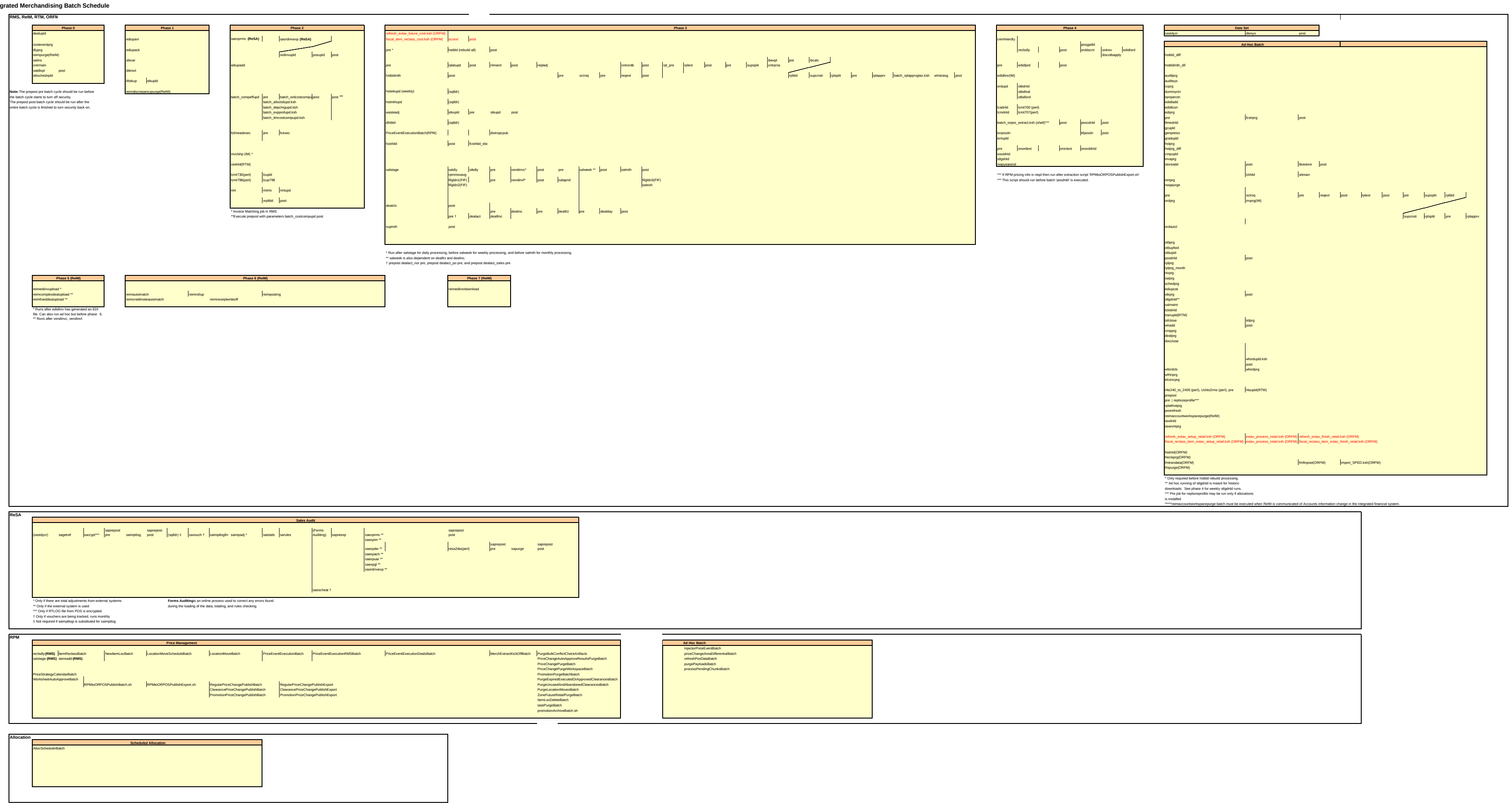
RMS to MFP RETL Extracts Dependency and Scheduling Details

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
fimednld	Planing System Interface	N	N/A	ad hoc	N/A	N/A	ad hoc	R	fimednld /@Batch_Alias_Name
rmse_rpas_merchhier.ksh	Planning/Forecast System Interface	N	N/A	N/A	reclsdly dlyprg pre_rmse_rpas.ksh sitmain reclsdly dlyprg	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_item_master.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh dlyprg	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_orghier.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh storeadd dlyprg	Refer to RPAS Operations guide	daily	N	N/A
rmse_rpas_store.ksh	Planning/Forecast System Interface	N	N/A	N/A	pre_rmse_rpas.ksh whadd dlyprg	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
rmse_mfp_onorder.ksh	MFP System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to MFP Operations guide	Weekly	N	N/A rmse_mfp_inventory.ksh I or W Note: I - Tritial load
rmse_mfp_inventory.ksh	MFP System Interface	N	N/A	N/A	pre_rmse_rpas.ksh	Refer to MFP Operations guide	Weekly	N	W-Weekly load

ORFM Program Dependency and Scheduling Details

Program Name	Functional Area	Threaded	Driver	Phase	Pre-dependency	Post-dependency	Timing	Uses Restart/Recovery	Run Parameters for Programs
fmtrandata	ORFM Transaction Postings	Y	N/A	N/A	None	None	ad hoc	Y	fmtrandata /@Batch_Alias_Name
fmfinpost	ORFM Transaction Postings	Y	N/A	N/A	fmtrandata	None	ad hoc	Y	fmfinpost /@Batch_Alias_Name
import_SPED.ksh	ORFM SPED	N	N/A	N/A	fmfinpost	None	ad hoc	N	import_SPED /@Batch_Alias_Name
fmpurge	ORFM Purge	Y	N/A	ad hoc	None	None	ad hoc	Y	fmpurge /@Batch_Alias_Name
freclasprg	ORFM fiscal reclassification purge	N	N/A	ad hoc	None	None	ad hoc	N	freclsprg /@Batch_Alias_Name no_of_days
fisdnld	ORFM fiscal attribute download	N	N/A	ad hoc	None	None	ad hoc	N	fisdnld /@Batch_Alias_Name [attribute]
refresh_extax_setup_retail.ksh	ORFM retail tax refresh	Y	N/A	ad hoc	None	extax_process_retail.ksh	ad hoc	N	refresh_extax_setup_retail.ksh [-p <# thread_size>] /@Batch_Alias_Name
extax_process_retail.ksh	ORFM retail tax refresh/fiscal reclassification	Y	N/A	ad hoc	refresh_extax_setup_retail.ksh, fiscal_reclass_item_extax_setup_retail.ksh	refresh_extax_finish_retail.ksh, fiscal_reclass_item_extax_finish_retail.ksh	ad hoc	N	extax_process_retail.ksh [-p <# parallel threads>] /@Batch_Alias_Name
refresh_extax_finish_retail.ksh	ORFM retail tax refresh	N	N/A	ad hoc	extax_process_retail.ksh	None	ad hoc	N	refresh_extax_finish_retail.ksh /@Batch_Alias_Name
fiscal_reclass_item_extax_setup_retail.ksh	ORFM retail tax fiscal reclassification	Y	N/A	ad hoc	None	extax_process_retail.ksh	ad hoc	N	fiscal_reclass_item_extax_setup_retail.ksh [-p <#thread_size>] /@Batch_Alias_Name
fiscal_reclass_item_extax_finish_retail.ksh	ORFM retail tax fiscal reclassification	N	N/A	ad hoc	extax_process_retail.ksh	None	ad hoc	N	fiscal_reclass_item_extax_finish_retail.ksh /@Batch_Alias_Name
refresh_extax_future_cost.ksh	ORFM cost tax refresh	N	N/A	phase 2	None	sccext	ad hoc	N	refresh_extax_future_cost.ksh /@Batch_Alias_Name
fiscal_item_reclass_cost.ksh	ORFM cost tax fiscal reclassification	N	N/A	phase 2	None	sccext	ad hoc	N	fiscal_item_reclass_cost.ksh /@Batch_Alias_Name

Integrated Merchandising Batch Schedule



4

Interface Diagrams for RMS and RPAS

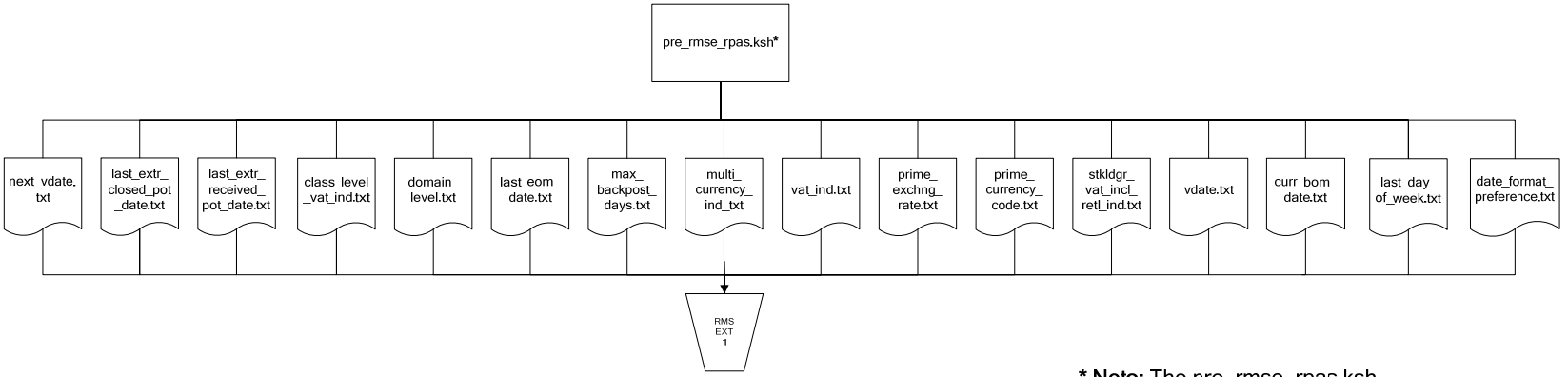
Because RMS is the retailer's central merchandising transactional processing system, it is the principle source of the foundation data needed in some of the Oracle Retail suite of products. RMS provides foundation data to RPAS, and RPAS provides planning data to RMS.

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

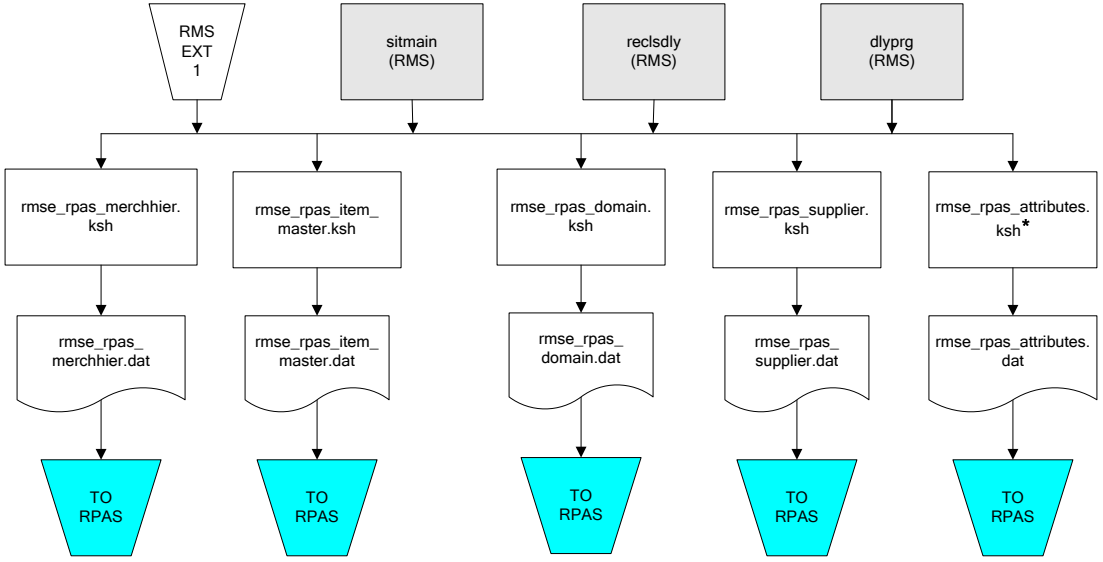
RMS Pre RETL Extract Maintenance



*** 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.

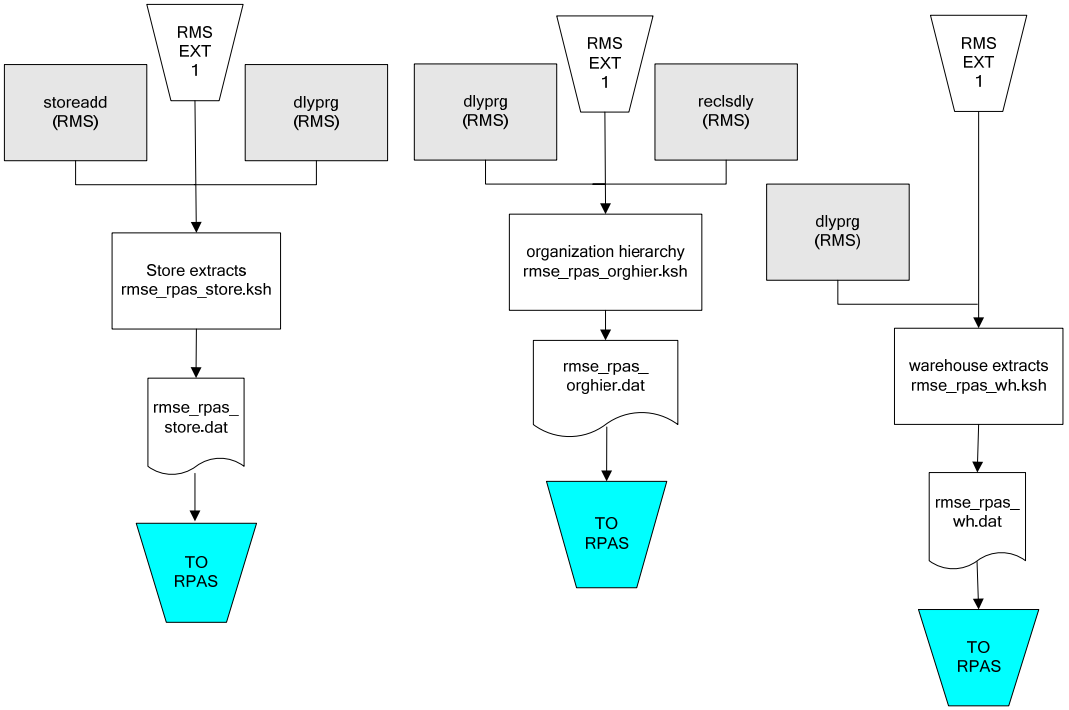
RMS Foundation Data Extract Diagrams

Merchandise Hierarchy for RPAS

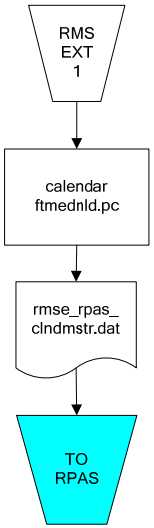


*Note: The rmse_rpas_attributes.ksh flow is applicable only if issues are active.

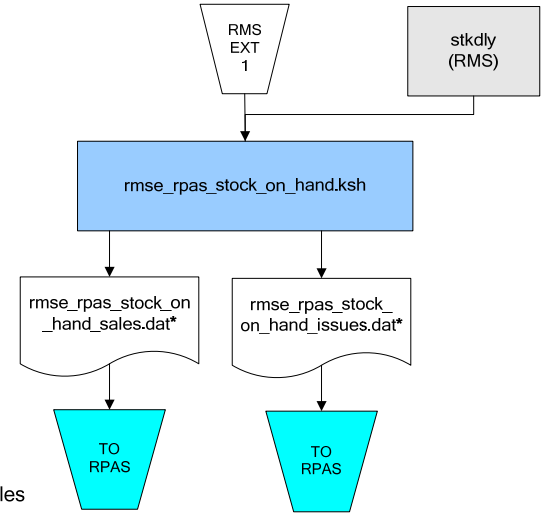
Organization Hierarchy for RPAS



Time Extract



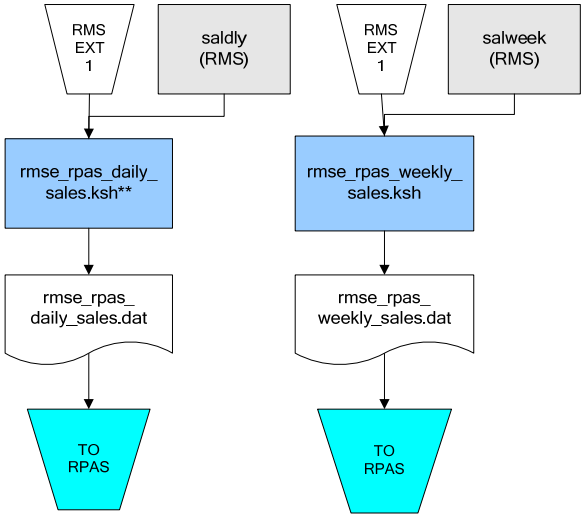
RMS Fact Data Extract Diagrams



*** 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

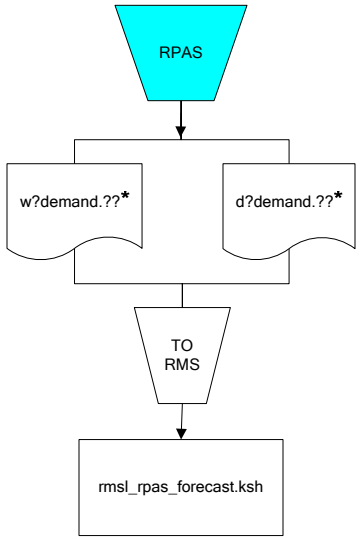
If issues are **not** active, the following file results from the rmse_rpas_stock_on_hand.ksh flow:
- rmse_rpas_stock_on_hand_sales.dat

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.

5

Interface Diagrams for RMS and MFP

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.

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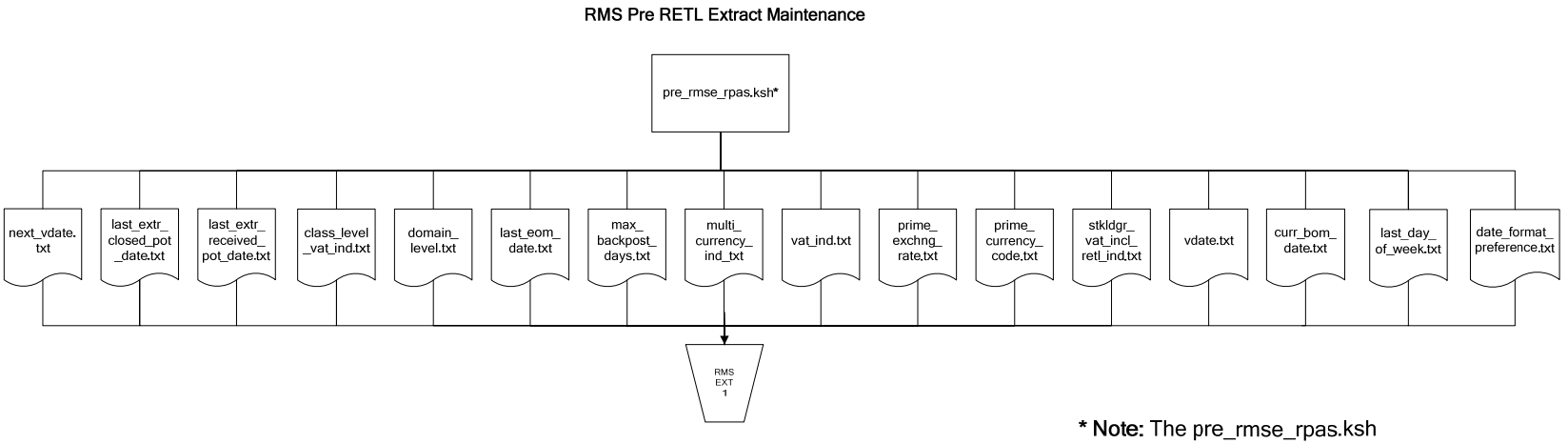
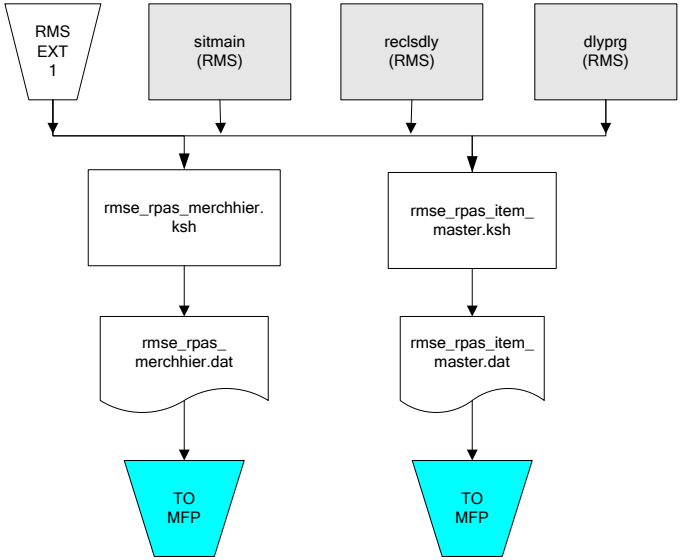
RMS Pre/Post Extract Diagrams



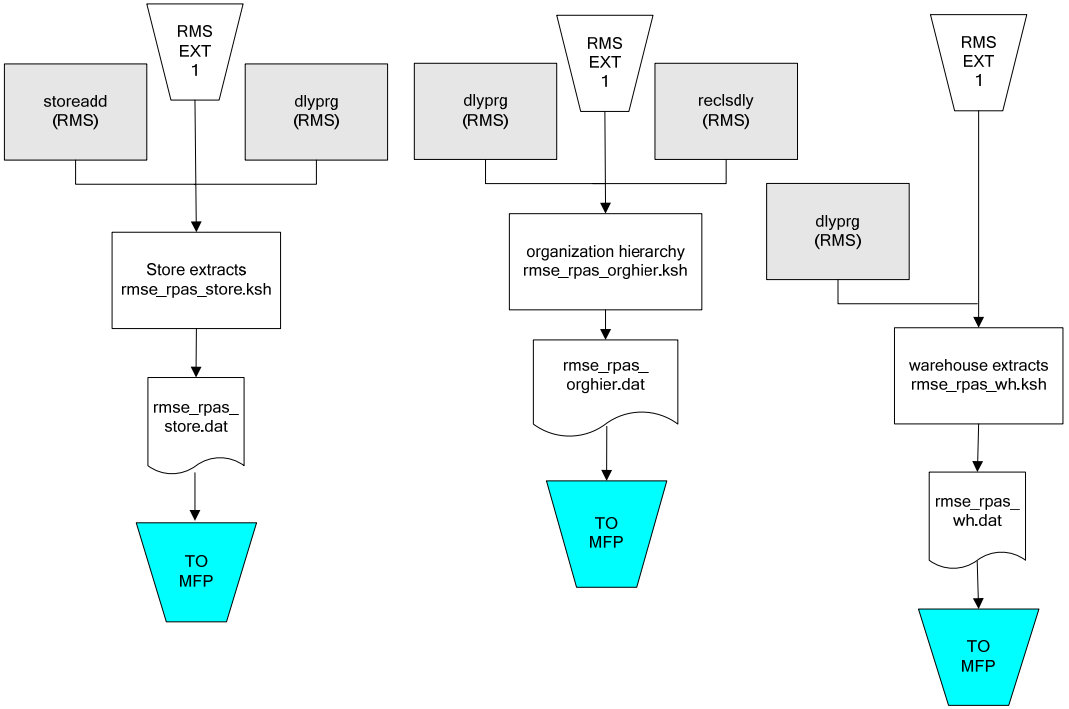
*** Note:** The pre_rmse_rpas.ksh program checks for existing .txt output files. Because of this validation, retailers running the program for the first time should include an optional -c parameter. This parameter allows the program to run successfully without pre-existing .txt output files.

RMS Foundation Data Extract Diagrams

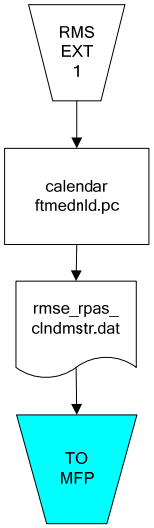
Merchandise Hierarchy for MFP



Organization Hierarchy for MFP

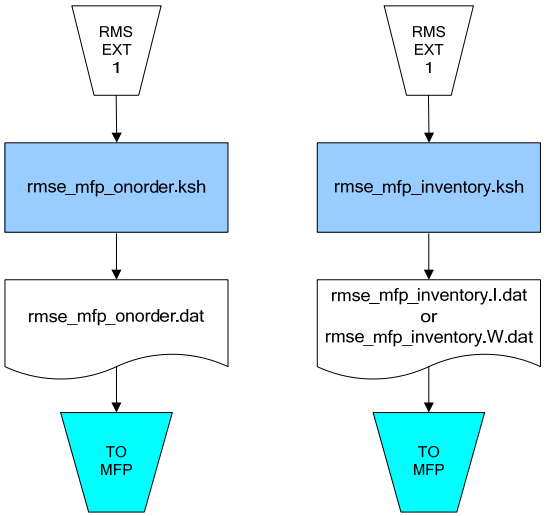


Time Extract



RMS Fact Data Extract Diagrams

Integration Extracts for MFP



Note:
I is for initial load and W is for weekly load..

6

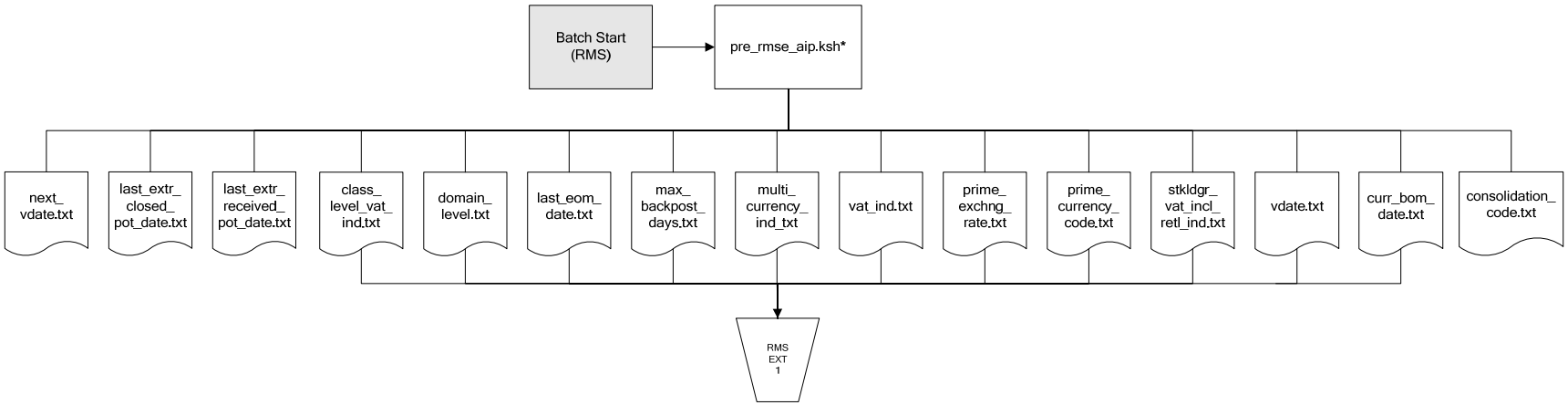
Interface Diagrams for RMS and AIP

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.

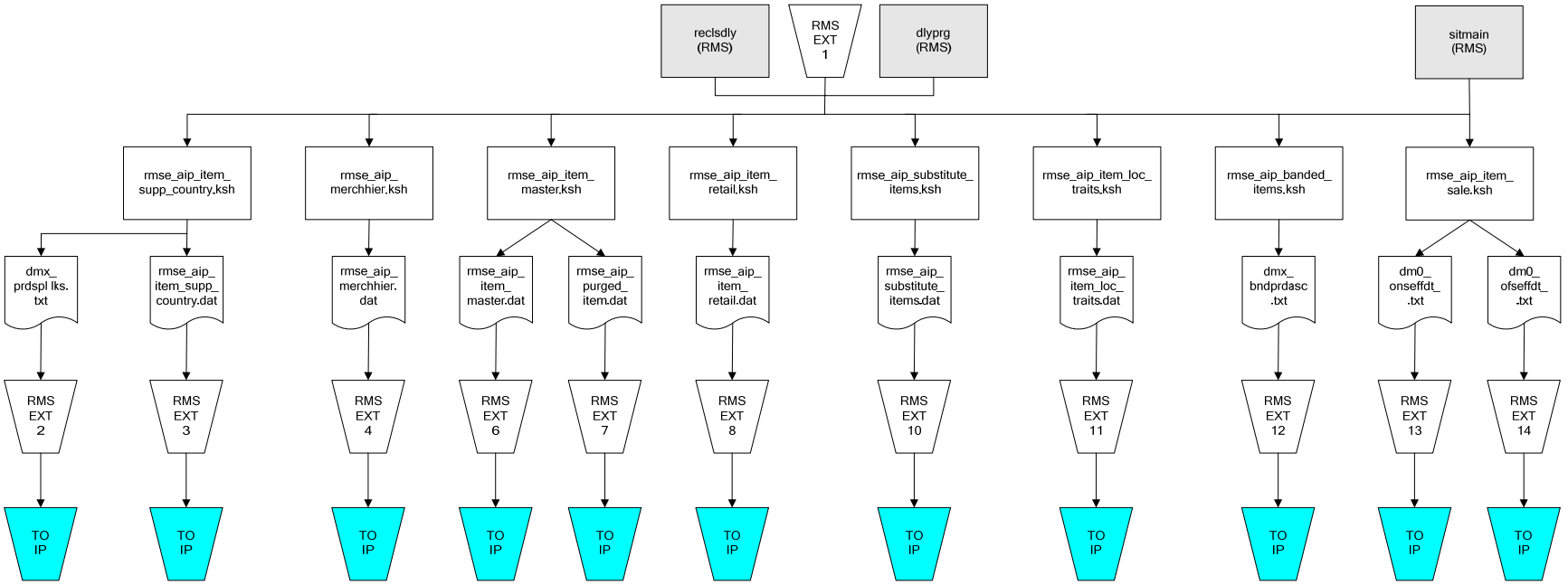
Before setting up a program schedule, familiarize yourself with the functional and technical constraints associated with each program. See the *Oracle Retail Merchandising System Operations Guide Volume 1—Batch Overviews and Designs* for more information about the modules shown in the following diagrams.

RMS Pre/Post Extract Diagrams

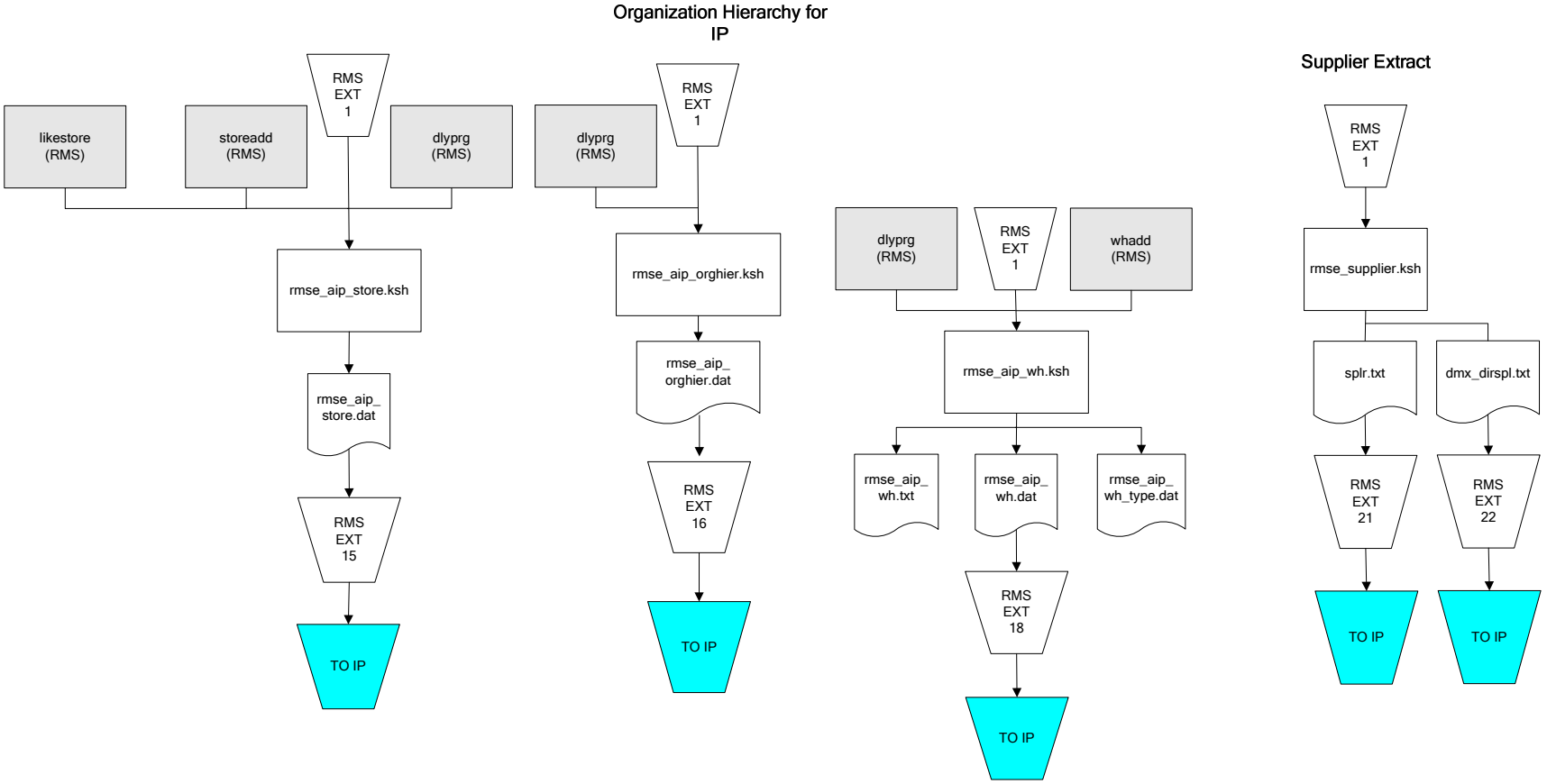
RMS Pre RETL Extract Maintenance



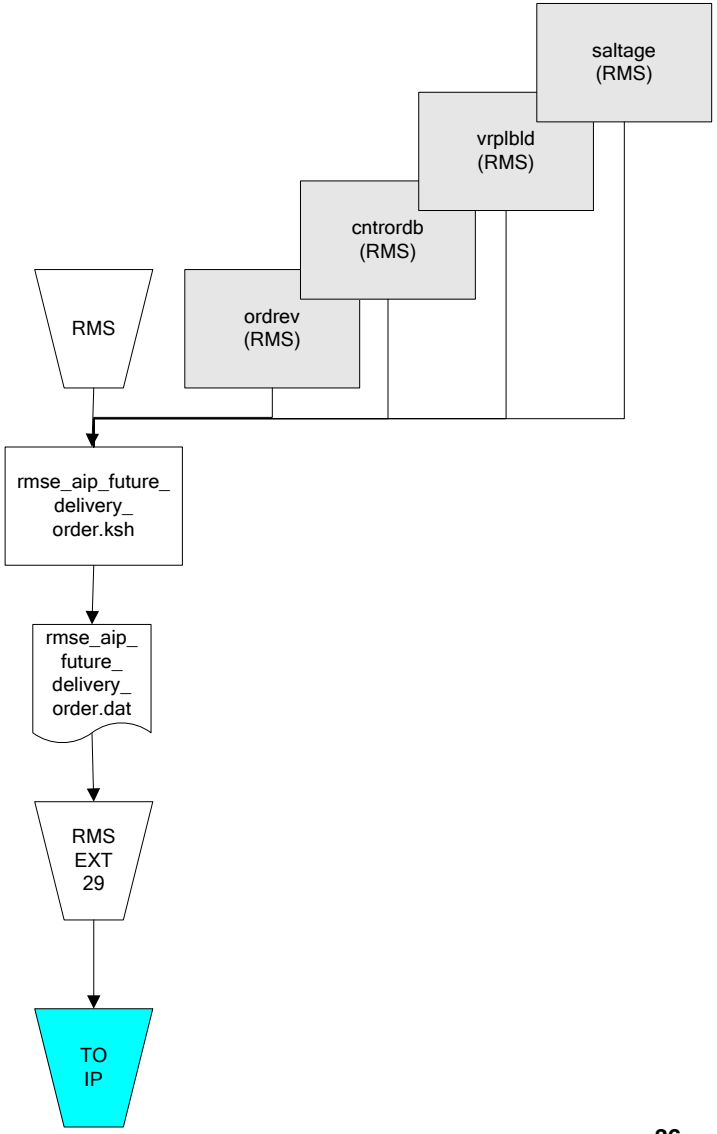
RMS Foundation Data Extract Diagrams

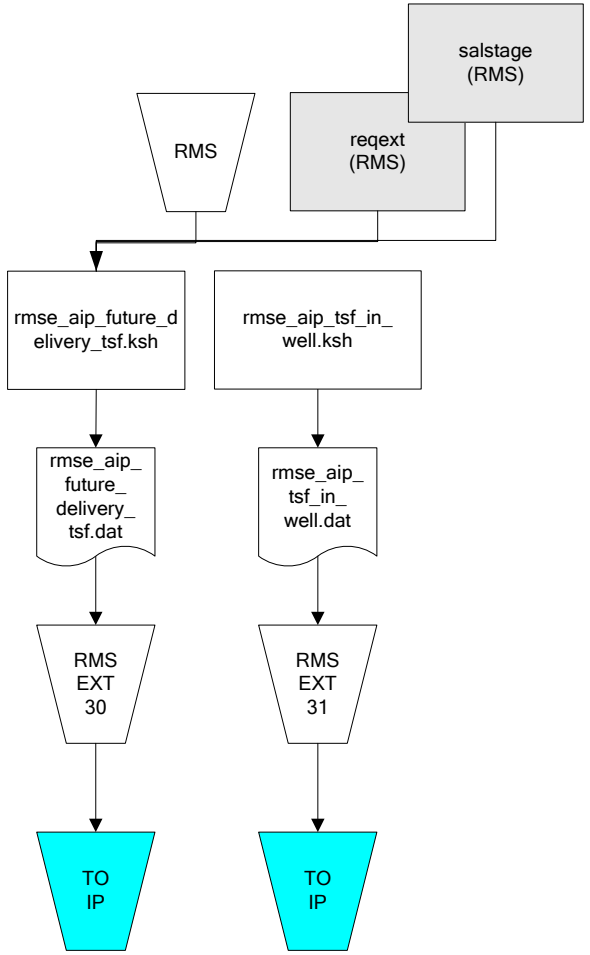


IP = Time-phased inventory planning tool

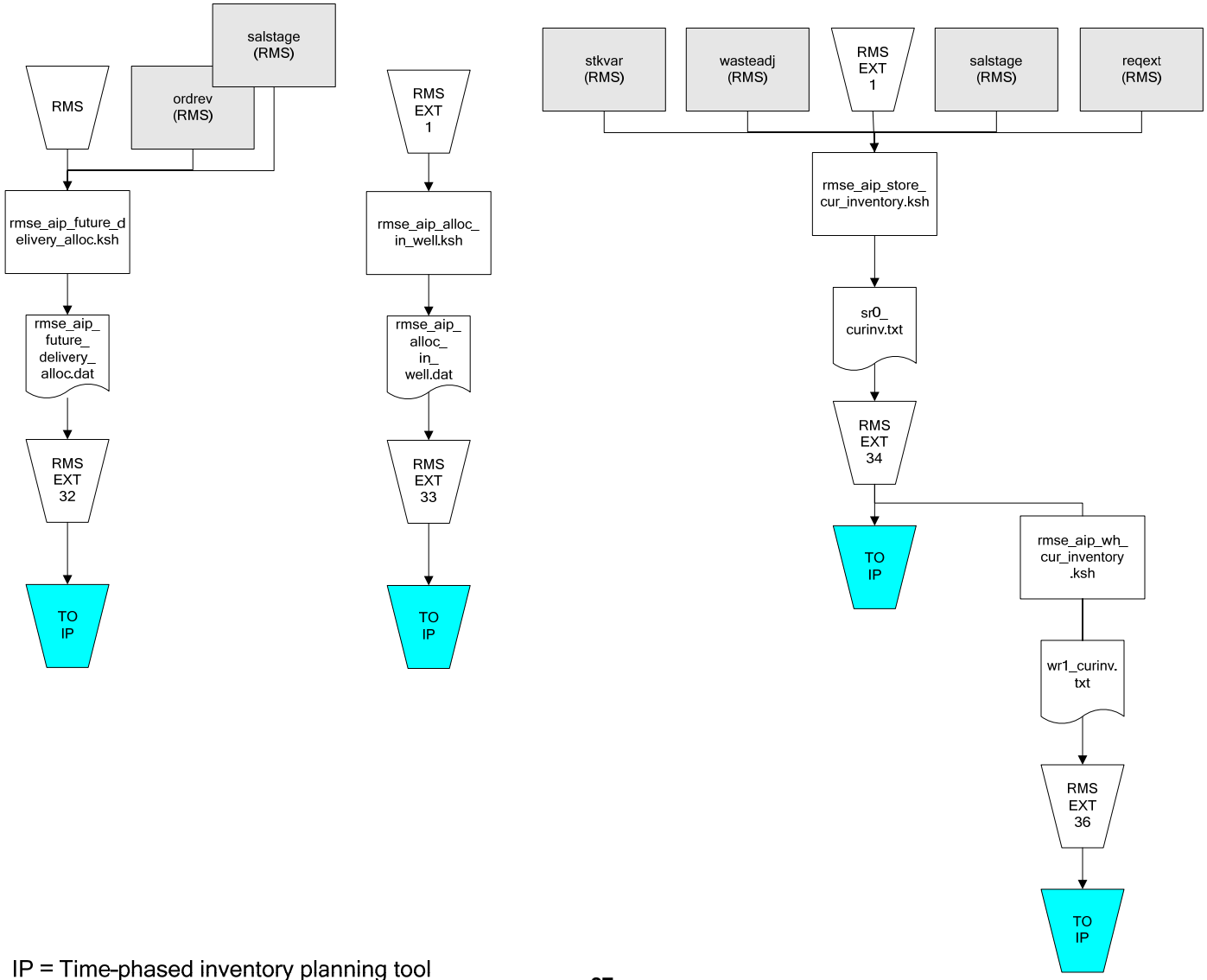


IP = Time-phased inventory planning tool

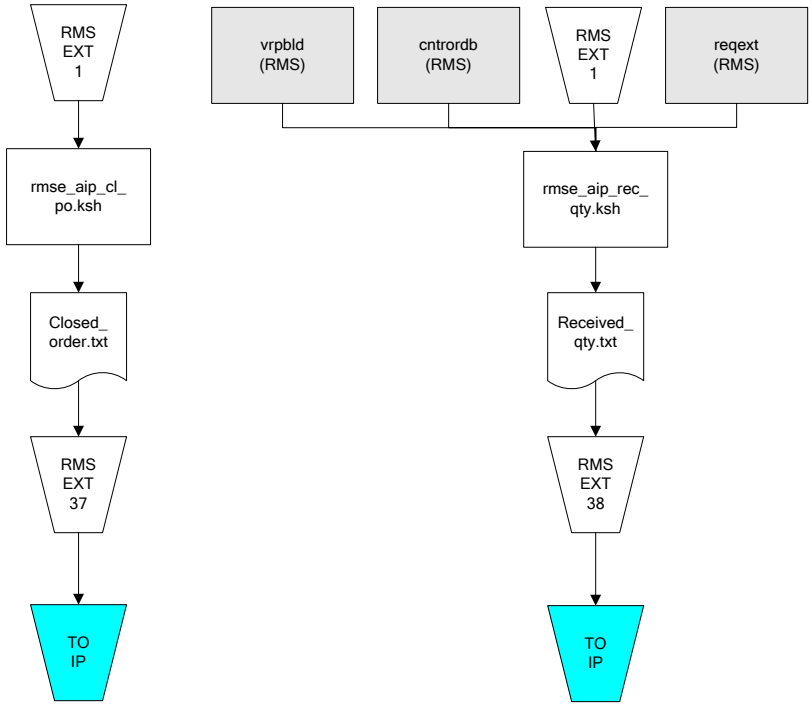




IP = Time-phased inventory planning tool



IP = Time-phased inventory planning tool



IP = Time-phased inventory planning tool