# Oracle® Retail Merchandising

Batch Schedule

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Oracle® Retail Merchandising Batch Schedule, Release 13.0



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## Value-Added Reseller (VAR) Language

(i) the software component known as **ACUMATE** developed and licensed by Lucent Technologies Inc. of Murray Hill, New Jersey, to Oracle and imbedded in the Oracle Retail Predictive Application Server – Enterprise Engine, Oracle Retail Category Management, Oracle Retail Item Planning, Oracle Retail Merchandise Financial Planning, Oracle Retail Advanced Inventory Planning and Oracle Retail Demand Forecasting applications.

(ii) the **MicroStrategy** Components developed and licensed by MicroStrategy Services Corporation (MicroStrategy) of McLean, Virginia to Oracle and imbedded in the MicroStrategy for Oracle Retail Data Warehouse and MicroStrategy for Oracle Retail Planning & Optimization applications.

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# Contents

# Preface

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

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

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

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

## Audience

The audiences for this guide are as follows:

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

## Related Documents

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

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

## Customer Support

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

For a base release (".0" release, such as 13.0), Oracle Retail strongly recommends that you read all patch documentation before you begin installation procedures. Patch documentation can contain critical information related to the base release, based on new information 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:

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.

# 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 Invoice Matching (ReIM)
- Oracle Retail Price Management (RPM)

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

# Program List

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

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

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

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

The program list is grouped in the following order:

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

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

# Batch Schedule Diagram

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

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

- RMS, RTM, ReIM
- ReSA
- RPM

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

- Chapter 4 shows the Retail Extract, Transform, and Load (RETL) data flows for the extracts from RMS to RPAS.
- Chapter 5 shows the RETL dimension and fact data flows for the extracts from RMS to Retail Data Warehouse (RDW).
- Chapter 6 shows the RETL data flow for the Promotion dimension extract from RPM to RDW.
- Chapter 7 shows the RETL data flow for the Supplier Invoice Cost dimension extract from ReIM to RDW.

## RMS, ReIM, RTM Section

The first section diagrams the RMS, ReIM, and RTM programs and their dependencies. This section is further divided into phases 0 through 7, ad hoc, and date set batch.

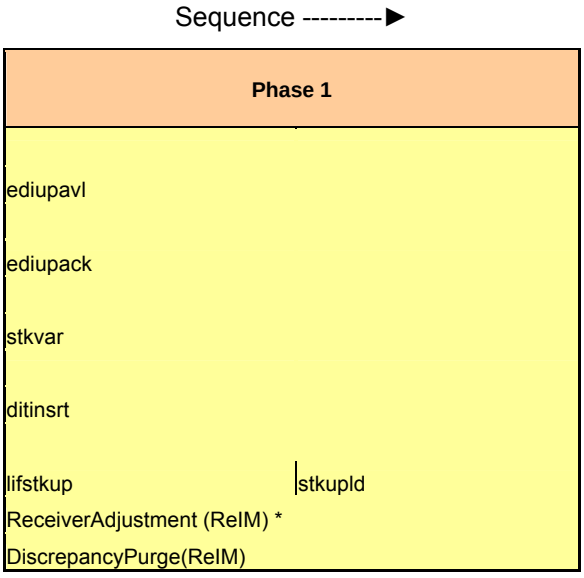
Each phase must be completed before the next phase can begin. Also, a phase may contain programs that depend on other programs within the phase. Programs within each phase may need to run in a particular sequence.

The following are brief descriptions of the Merchandising batch processing phases. Depending on your implementation, some programs and phases may not apply.

| Phase | Description |
|---|---|
| Phase 0 | The first phase performs essential table maintenance including:<br>▪ Daily purges<br>▪ Updates to currency exchange rates<br>▪ 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.<br>**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** | **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, pre-processing is required before running the ociroq program.

| | |
|---|---|
| **pre** | **ociroq** |

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

| | | |
|---|---|---|
| **pre** | **stkupd** | **post** |

In the following example, post-processing is required after successful completion of the sccext program.

| | |
|---|---|
| **sccext** | **post** |

# Modifications to the Batch Schedule

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

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

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

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

- Whether the Retail Integration Bus (RIB) is used

  For more information about configuring the RIB for Merchandising applications, see "Configuring RPM without the RIB" in the "Backend System Administration and Configuration" chapter of the Retail Price Management Operations Guide.
- Whether full-featured or simplified Retail Price Management (RPM) is used

  For more information about configuring simplified RPM, see the "Backend System Administration and Configuration" chapter in the Retail Price Management Operations Guide.
- Whether full-featured or simplified RTM is used

  For more information about configuring simplified RTM, see the "Oracle Retail Trade Management Batch" chapter in Volume 1 of the Retail Merchandising System Operations Guide.

# RMS,RTM,ReSA Program Dependency and Scheduling Details

| Program Name | Functional Area | Threaded | Driver | Phase | Pre-dependency | Post-dependency | Timing | Uses Restart/Recovery | Run Parameters for Programs |
|---|---|---|---|---|---|---|---|---|---|
| auditprg | Audit | N | N/A | ad hoc | N/A | N/A | daily | N | auditprg userid/passwd |
| auditsys | Audit | N | N/A | ad hoc | N/A | N/A | daily | N | auditsys userid/passwd |
| ccprg | Costing | N | N/A | ad hoc | N/A | N/A | monthly | N | ccprg userid/passwd |
| cednld | Trade Management | Y | Broker | 2 | N/A | N/A | daily | R | cednld userid/passwd broker file_name |
| cmpprg | Pricing | N | N/A | ad hoc | N/A | N/A | daily | N | cmpprg userid/passwd |
| cmpupld | Pricing | N | N/A | ad hoc | N/A | All RPM batch modules | ad hoc | R | cmpupld 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 | rpladj | prepost cntrordb post | daily | R | cntrordb userid/passwd |
| cntrprss | Contracting | Y | Dept | 3 | rplext<br>ditinsrt | rplbld | daily | R | cntrprss 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) |
| cremhierdly | Reclassification | N | N/A | 4 | N/A<br>salstage<br>prepost dealact_nor pre<br>prepost dealact_po pre | reclsdly | daily | R | cremhierdly userid/passwd |
| dealact | Deals | Y | Deal Id | 3 | prepost dealact_sales pre | N/A | daily | R | dealact userid/passwd |
| dealcls | Deals | N | N/A | 3 | N/A<br>dealinc | N/A<br>prepost dealday post | daily | R | dealcls userid/passwd |
| dealday | Deals | Y | Location | 3 | | salmnth<br>dealinc | monthly | R | dealday userid/passwd |
| dealex | Deals | Y | Deal Id | 3 | precostcalc<br>dealinc | reclsdly | daily | N | dealex userid/passwd |
| dealfct | Deals | Y | Deal Id | 3 | | salmth<br>dealfct<br>dealday | daily | R | dealfct userid/passwd [Y/N - EOM processing ind] |
| dealfinc | Deals | Y | Deal Id | 3 | dealact<br>dealact | salmth | weekly/ad hoc | R | dealfinc userid/passwd |
| dealinc | Deals | Y | Deal Id | 3 | prepost dealinc pre | salmth (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 |
| dfrtbld | 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 | dfrtbld userid/passwd outfile |
| discotbapply | OTB | Y | Dept | 4 | orddscnt | N/A | daily | R | discotbapply userid/passwd |
| distropcpub | Pricing/Transfers/Allocation Publish | Y | Store | 3 | PriceEventExecutionBatch(RPM) | N/A | daily | R | distropcpub userid/passwd |
| ditinsrt | Deals | N | N/A | 1 | N/A | costcalc<br>orddscnt | daily | R | ditinsrt userid/passwd (P or S) (supplier/partner). P or S = program is either run for deals set up by 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 based on performance considerations) |
| dlyprg | Maintenance | N | N/A | 0 | N/A | (All other batch programs) | daily | N | dlyprg userid/passwd |
| docclose | Receiving | N | N/A | ad hoc | N/A<br>sastdycr<br>(This program should run at the end of | N/A | daily | R | docclose userid/passwd |
| dtesys | Calendar | N | N/A | date_set | the batch cycle) | prepost dtesys post | daily | N | dtesys userid/passwd [indate--YYYYMMDD format] |
| dummyctn | Receiving | N | N/A | ad hoc | N/A | N/A | daily | N | dummyctn userid/passwd |
| edidladd | Maintenance | N | N/A | ad hoc | N/A | N/A | ad hoc | N | edidladd userid/passwd ediadd_output ediadd_catalog |
| edidlcon | Contracting | N | N/A | ad hoc | N/A | N/A | ad hoc | N | edidlcon userid/passwd ediidlcon_outfile |
| edidlinv | Invoice Matching | Y | Location | 4 | N/A<br>ordrev | N/A | daily | R | edidlinv userid/passwd output_filename |
| edidlord | Ordering | N | N/A | 4 | (and after replenishment batch) | N/A | ad hoc | R | edidlord userid/passwd filename |
| edidlprd | EDI Interface - Sales and Inventory | N | N/A | 4 | prepost edidlprd pre | prepost edidlprd post | daily | R | edidlprd userid/passwd filename |
| ediprg | EDI Interface - Purge | N | N/A | ad hoc | (Towards the end of the batch cycle) | N/A | monthly | R | ediprg userid/passwd |
| ediupadd | Maintenance | N | File-based | 2 | N/A | N/A | daily | N | ediupadd userid/passwd input_file reject_file |
| ediupack | EDI Interface - ordering | N | N/A | 1 | N/A | N/A | ad hoc | R | ediupack userid/passwd data_file reject_file |
| ediupavl | EDI Interface - Contracts | N | File-based | 1 | N/A | N/A | daily | R | ediupavl userid/passwd input_file reject_file |
| ediupcat | EDI Interface - Suppliers | N | File-based | ad hoc | N/A | N/A | daily | R | ediupcat userid/passwd edi_data_file error_file |
| elccostcalc | Costing | Y | Supplier | ad hoc | N/A | prepost elccostcalc post | ad hoc | R | elccostcalc userid/passwd |
| fcstprg | Forecasting | Y | Domain Id | ad hoc | prepost fcstprg pre | prepost fcstprg post | daily | N | fcstprg userid/passwd domain |
| fcstrbld | Forecasting | Y | Domain Id | 3 | N/A | prepost fcstrbld post | weekly | R | fcstrbld userid/passwd |
| fcstrbld_sbc | Forecasting | Y | Domain Id | 3 | prepost fcstrbld post<br>salstage | N/A | weekly | R | fcstrbld_sbc userid/passwd |
| fifgldn1 | Financial Interface | Y | Dept | 3 | | prepost fifgldn1 post<br>salapnd | daily | R | fifgldn1 userid/passwd |
| fifgldn2 | Financial Interface | Y | Dept | 3 | salstage | salapnd | daily | R | fifgldn2 userid/passwd |
| fifgldn3 | Financial Interface | Y | Store/Wh | 3 | salmth | N/A | monthly | R | fifgldn3 userid/passwd |
| ftmednld | Planing System Interface | N | N/A | ad hoc | N/A | N/A | ad hoc | R | ftmednld userid/passwd |
| gcupld | Misc Interface - Taxgeocode | N | N/A | ad hoc | N/A | N/A | ad hoc | R | gcupld <username/password@environment> <infile> <outfile> |
| genpreiss | Ordering | Y | Supplier | ad hoc | N/A | N/A | ad hoc | R | genpreiss userid/passwd |
| gradupld | Forecasting | N | File-based | ad hoc | N/A<br>posupld | N/A | ad hoc | R | gradupld userid/passwd input_file rej_file |
| hstbld | Sales | Y | Location | 3 | prepost hstbld pre (for rebuild all) | prepost hstbld post | weekly | R | hstbld userid/passwd level(weekly/rebuild) |
| hstbld_diff | Sales | N | N/A | ad hoc | hstbld | N/A | ad hoc | N | hstbld_diff userid/passwd |
| hstbldmth | Sales | Y | Dept | 3 | posupld | prepost hstbldmth post | monthly | R | hstbldmth userid/passwd level(monthly/rebuild) |
| hstbldmth_diff | Sales | N | N/A | ad hoc | N/A | prepost hstbld post | ad hoc | N | hstbldmth_diff userid/passwd |
| hstmthupd | Sales | Y | Location | 3 | (The program should be run on the last day of the month). | (Run SQL*Loader using the control file hstmthupd.ctl to load data from the output file written by HSTMTHUPD.PC for non-existent records on ITEM_LOC_HIST_MTH) | monthly | R | hstmthupd userid/passwd (out_file) |
| hstprg | Sales | N | N/A | ad hoc | N/A | N/A | monthly | N | hstprg userid/passwd |
| hstprg_diff | Sales | N | N/A | ad hoc | N/A | N/A | weekly | N | hstprg_diff userid/passwd |
| hstwkupd | Sales | Y | Store/Wh | 3 | N/A<br>Hts240_to_2400 (perl script)<br>Ushts2rms (perl script) | Run SQL*Loader using the control file hstwkupd.ctl to load data from the output file written by HSTWKUPD.PC for non-existent records on ITEM_LOC_HIST | weekly | R | hstwkupd userid/passwd (out_file) |
| htsupld | Trade Management | Y | File-based | ad hoc | prepost htsupld pre<br>ibexpl<br>replext | 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 |
| ibcalc | Investment Buy | Y | Dept | 3 | prepost ibcalc pre | rplbld | daily | R | ibcalc userid/passwd |
| ibexpl | Investment Buy | N | N/A | 3 | rplext | ibcalc | daily | N | ibexpl userid/passwd |
| invaprg | Inventory Adjustments | N | N/A | ad hoc | N/A | N/A | monthly | N | invaprg userid/passwd |
| invclshp | Invoice Matching | N | N/A | 2 | N/A | N/A | daily | N | invclshp userid/passwd |
| invprg | Invoice Matching | N | N/A | ad hoc | ordprg | N/A | monthly | R | invprg userid/passwd |
| lcadnld | Letter of Credit | N | N/A | 4 | N/A | lcmt700 (perl script) | daily | R | lcadnld userid/passwd output_file |
| lclrbld | Maintenance - Location | N | N/A | ad hoc | storeadd | N/A | monthly | R | lclrbld userid/passwd |
| lcmdnld | Letter of Credit | N | N/A | 4 | N/A | lcmt707 (perl script) | daily | R | lcmdnld userid/passwd output_file. |
| lcup798 | Letter of Credit | N | N/A | 2 | lcmt798 (perl script) | N/A | daily | R | lcup798 userid/passwd input_file rej_file |
| lcupld | Letter of Credit | N | N/A | 2 | lcmt730 (perl script) | N/A | daily | R | lcupld userid/passwd input_file rej_file |
| lifstkup | Stock Ledger | N | File-based | 1 | inv_bal_upload.sh (warehouse mgmt program) | stkupld | daily | N | lifstkup userid/passwd input_file output_file |
| likestore | Maintenance - Location | Y | Dept | ad hoc | storeadd | prepost likestore post<br>mrtrtv | daily | R | likestore userid/passwd |
| mrt | Mass Return Transfers | Y | Warehouse | 2 | N/A | mrtupd | daily | R | mrt userid/passwd |
| mrtprg | Mass Return Transfers | Y | Warehouse | ad hoc | N/A | N/A<br>mrtupd | ad hoc | R | mrtprg userid/passwd |
| mrtrtv | Mass Return Transfers | Y | Warehouse | 2 | mrt | | daily | R | mrtrtv userid/passwd |
| mrtupd | Mass Return Transfers | Y | Warehouse | 2 | mrtrtv | N/A | daily | R | mrtupd userid/passwd |
| nwppurge | Stock Ledger | N | N/A | ad hoc | N/A | N/A | ad hoc | N | nwppurge userid/passwd |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| nwpyearend | Stock Count | Y | Location | 4 | run on last day of year<br>prepost ociroq pre | N/A | | yearly | R | nwpyearend userid/passwd |
| ociroq | Replenishment | N | N/A | 3 | repladj | N/A | | daily | R | ociroq userid/passwd |
| onictext | Planing System Interface | Y | Transfer | 4 | onordext | onorddnld | | weekly | R | onictext userid/passwd datefile |
| onorddnld | Planing System Interface | Y | Store/Wh | 4 | onictext | N/A | | daily | R | onorddnld userid/passwd |
| onordext | Planing System Interface | Y | Order | 4 | prepost onordext pre | onictext | | daily | R | onordext userid/passwd datefile |
| ordautcl | Ordering | N | N/A | ad hoc | N/A<br>ditinsrt<br>sccext | N/A | | daily | N | ordautcl userid/passwd |
| orddscnt | Deals | Y | Supplier | 4 | reclsdly | discotbapply | dealcls | daily | R | orddscnt userid/passwd |
| ordprg | Ordering | N | N/A | ad hoc | N/A | invprg | | monthly | N | ordprg userid/passwd |
| ordrev | Ordering | N | N/A | 4 | orddscnt<br>sccext<br>(After RPM pricing change extraction | edidlord<br>otbdnld<br>otbdlsal | | daily | R | ordrev userid/passwd |
| ordupd | Ordering | N | N/A | 4 | batch) | otbdlord | | daily | N | ordupd userid/passwd |
| otbdlord | OTB | N | N/A | 4 | ordupd | N/A | | daily | R | otbdlord userid/passwd output_file |
| otbdlsal | OTB | N | N/A | 4 | ordupd | N/A | | daily | R | otbdlsal userid/passwd output_file |
| otbdnld | OTB | N | N/A | 4 | ordupd | N/A | | daily | R | otbdnld userid/passwd output_file |
| otbprg | OTB | N | N/A | ad hoc | N/A | N/A | | monthly | N | otbprg userid/passwd |
| otbupfwd | OTB | Y | File-based | ad hoc | N/A | N/A | | daily | R | 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 |
| poscdnld | Point of Sale Interface | N | N/A | 4 | posdnld | prepost poscdnld post | | daily | R | poscdnld userid/passwd outputfile |
| posdnld | Point of Sale Interface | Y | Store | ad hoc | N/A | prepost posdnld post | | daily | R | posdnld userid/passwd output_filename |
| posgpdld | Point of Sale Interface | N | N/A | 4 | reclsdly | N/A | | daily | R | posgpdld userid/passwd output_file |
| posupld | Sales | Y | File-based | 2 | saexprms(ReSA)<br>ditinsrt<br>prepost precostcalc pre | prepost posupld post | salstage | daily | R | posupld userid/passwd infile rejfile vatfile itemfile lockfile<br>precostcalc userid/passwd supplier (May use the batch_precostcalc.ksh for launching this program as it is created based on performance considerations) |
| precostcalc | Deals | Y | Supplier | 2 | | costcalc | | daily | R | |
| prepost | Pre/post functionality | N | N/A | all phases | N/A | N/A | | daily | N | prepost userid/passwd program pre_or_post |
| reclsdly | Item Maintenance | Y | Reclass no | 4 | cremhierdly | prepost reclsdly post<br>reqext | | daily | R | reclsdly userid/passwd process_mode |
| repladj | Replenishment | Y | Dept | 3 | rplatupd<br>posupld<br>rplatupd<br>repladj<br>prepost ociroq pre<br>ociroq | rplext | | daily | R | repladj userid/passwd |
| reqext | Replenishment | Y | Partition (Item) | 3 | prepost reqext pre<br>storeadd<br>sccext | prepost reqext post<br>prepost rilmaint post | rplext | daily | R | reqext userid/passwd partition_position (May use the batch_reqext.ksh for launching this program as it is created based on performance considerations) |
| rilmaint | Replenishment | Y | Location | 3 | rplatupd<br>rplsplit<br>supcnstr | repladj | | daily | R | rilmaint username/password |
| rplapprv | Replenishment | N | N/A | 3 | prepost rplapprv pre | N/A | | daily | R | rplapprv userid/passwd |
| rplatupd | Replenishment | Y | Location | 3 | prepost rplatupd pre<br>ibcalc<br>rplext<br>cntrprss<br>vrplbld | prepost rplatupd post<br>repladj | rplext<br>reqext | daily | R | rplatupd userid/passwd |
| rplbld | Replenishment | Y | Supplier | 3 | ibexpl<br>prepost rpl pre<br>rplatupd<br>rilmaint<br>repladj<br>reqext | supcnstr<br>prepost rplext post<br>contracting is used,<br>otherwise run ... | cntrprss(if<br>ibcxpl<br>ibcalc<br>rplbld ) | daily | R | rplbld username/password |
| rplext | Replenishment | Y | Dept | 3 | | | | daily | R | rplext userid/passwd dept (May use the batch_rplext.ksh for launching this program as it is created based on performance considerations) |
| rplprg | Replenishment | N | N/A | ad hoc | N/A | N/A | | daily | N | rplprg userid/passwd |
| rplprg_month | Replenishment | N | N/A | ad hoc | N/A | N/A | | monthly | N | rplprg_month userid/passwd |
| rplsplit | Replenishment | Y | Supplier | 3 | supcnstr | rplapprv | | daily | R | rplsplit userid/passwd |
| rpmmovavg | Pricing | Y | Store | 3 | salstage | N/A | | daily | R | rpmmovavg userid/passwd business_date(YYYYMMDD) store(optional) |
| rtvprg | RTV | N | N/A | ad hoc | N/A | N/A | | monthly | N | rtvprg userid/passwd |
| sacrypt | Sales Audit | Y | Store/Day | SA | sagetref<br>satotals | N/A | | daily | N | sacrypt userid/passwd infile outfile key_file e/d (Encryption/Decryption indicator)<br>Note: outfile generated by batch is infile for saimptlog. |
| saescheat | Sales Audit | N | N/A | SA | sarules<br>satotals<br>sarules | saexpim | sapurge | monthly | R | saescheat userid/passwd |
| saexpach | Sales Audit | N | N/A | SA | sapreexp<br>satotals<br>sarules | N/A | | daily | R | saexpach userid/passwd |
| saexpgl | Sales Audit | N | N/A | SA | sapreexp<br>sapreexp | N/A | | daily | R | saexpgl userid/passwd |
| saexpim | Sales Audit | N | N/A | SA | saescheat | N/A | | daily | R | saexpim userid/passwd |
| saexprdw | Sales Audit | Y | Store | SA | sapreexp<br>satotals<br>sarules | resa2rdw(perl script) | | daily | R | saexprdw userid/passwd ; perl resa2rdw inputfile outputfile |
| saexprms | Sales Audit | Y | Store | SA | sapreexp<br>satotals<br>sarules | saprepost saexprms post | | daily | R | saexprms userid/passwd |
| saexpuar | Sales Audit | N | N/A | SA | sapreexp | N/A | | daily | R | saexpuar userid/passwd |
| sagetref | Sales Audit | N | N/A | SA | sastdycr | saimptlog | | daily | R | sagetref userid/passwd itemfile wastefile ref_itemfile prim_variantfile varupcfile storedayfile codesfile errorfile ccvalfile storeposfile tendertypefile merchcodesfile partnerfile supplierfile employeefile bannerfile.<br>(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<br>sagetref | satotals<br>saprepost saimptlog post | | daily | R | saimpadj userid/passwd input_file rej_file |
| saimptlog | Sales Audit | Y | Store/Day | SA | saprepost saimptlog pre<br>saimptlog | (Use sql Loader to load data into ReSA tables) | | daily | N | saimptlog user/pw infile badfile itemfile wastefile refitemfile primvariantfile varupcfile storedayfile promfile codesfile errorfile ccvalfile storeposfile tendertypefile merchcodefile partnerfile supplierfile employeefile bannerfile |
| saimptlogfin | Sales Audit | N | N/A | SA | savouch<br>salstage<br>fifgldn1 | satotals | | daily | R | saimptlogfin userid/passwd store_day_file |
| salapnd | Stock Ledger | N | N/A | 3 | fifgldn2 | N/A | | daily | R | salapnd userid/passwd |
| saldly | Stock Ledger | Y | Store/Wh | 3 | salstage | salweek | | daily | R | saldly userid/passwd |
| saleoh | Stock Ledger | Y | Dept | 3 | salmth | N/A | | half yearly | N | saleoh userid/passwd |
| salins | Sales | N | N/A | 0 | N/A | N/A | | daily | R | salins userid/passwd |
| salmaint | Stock Ledger | N | N/A | ad hoc | N/A<br>salweek | N/A | | half yearly | N | salmaint userid/passwd pre_or_post |
| salmth | Stock Ledger | Y | Dept | 3 | pre_dwi_extract.ksh(RMS | prepost salmth post | | monthly | R | salmth userid/passwd |
| salprg | Stock Ledger | N | N/A | ad hoc | N/A | N/A | | daily | N | salprg userid/passwd |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | saldly<br>salapnd salweek<br>dealfct<br>rpmmovavg fifgldn1<br>fifgldn2 | | | |
| salstage | Stock Ledger | N | N/A | 3 | posupld<br>saldly<br>stkdly<br>salapnd<br>prepost salweek pre<br>dealfct<br>dealinc<br>vendinvc<br>vendinvf | | daily | N | salstage userid/passwd |
| salweek | Stock Ledger | Y | Dept | 3 | | salmth<br>prepost salweek post | weekly | R | salweek userid/passwd |
| sapreexp | Sales Audit | N | N/A | SA | SA audit process | (Before any SA export process) | daily | R | sapreexp userid/passwd |
| saprepost | Sales Audit | N | N/A | SA | N/A<br>saprepost sapurge pre | N/A | daily | N | saprepost userid/passwd program pre_or_post |
| sapurge | Sales Audit | Y | Store | SA | (This program should be run as the last program in the ReSA batch schedule) | saprepost sapurge post | daily | R | sapurge userid/passwd deleted_items_file [optional list of store days to be deleted] |
| sarules | Sales Audit | N | N/A | SA | satotals<br>(It should run before the DTESYS batch program and before the next store/day's transactions are | sapreexp saescheat | daily | R | sarules userid/passwd store_no |
| sastdycr | Sales Audit | N | N/A | date_set | received) | dtesys | daily | R | sastdycr userid/passwd [YYYYMMDD] |
| satotals | Sales Audit | N | N/A | SA | saimptlogfin | sarules | daily | R | satotals userid/passwd store_no |
| savouch | Sales Audit | N | N/A | SA | saimptlog (and its SQL Load process) | saimptlogfin | daily | R | savouch userid/passwd infile rejfile tendertype_file |
| sccext | Costing | Y | Cost change | 3 | cstisldex.ksh (RMS to RDW RETL extract) | prepost sccext post | daily | R | sccext userid/passwd |
| schedprg | Organizational Hierarchy | N | N/A | ad hoc | N/A | N/A | monthly | R | schedprg userid/passwd |
| sitmain | Item Maintenance | N | N/A | ad hoc | iclrbld | N/A | ad hoc | R | sitmain userid/passwd |
| soutdnld | Forecasting | Y | Domain Id | 4 | N/A | N/A | daily | R | soutdnld userid/passwd |
| stkdly | Stock Ledger | Y | Dept | 3 | stkvar | salweek | daily | R | stkdly userid/passwd |
| stkprg | Stock Ledger | N | N/A | ad hoc | N/A | prepost stkprg post | monthly | N | stkprg userid/passwd |
| stkschedxpld | Stock Ledger | Y | Location | 0 | N/A<br>prepost stkupd pre | stkxpld | daily | R | stkchedxpld userid/passwd |
| stkupd | Stock Ledger | Y | Location | 3 | stkxpld | prepost stkupd post | daily | R | stkupd userid/passwd |
| stkupld | Stock Ledger | Y | Dept | 1 | lifstkup | N/A | daily | R | stkupld userid/passwd input_file reject_file |
| stkvar | Stock Ledger | Y | Dept | 1 | N/A<br>stkschedxpld | N/A | daily | R | stkvar userid/passwd [ report_file_name ] |
| stkxpld | Stock Ledger | Y | Dept | 3 | wasteadj | stkupd | daily | R | stkxpld userid/passwd |
| stlgdnld | Stock Ledger | Y | Dept | 4 | N/A | N/A | weekly | R | stlgdnld userid/passwd input_file |
| storeadd | Maintenance - Location | N | N/A | ad hoc | N/A | prepost storeadd post<br>likestore | daily | R | storeadd userid/passwd |
| supcnstr | Replenishment | N | N/A | 3 | rplbld | rplsplit | daily | R | supcnstr userid/passwd |
| supmth | Stock Ledger | Y | Dept | 3 | N/A | prepost supmth post | monthly | R | supmth userid/passwd |
| tamperctn | Receiving | N | N/A | ad hoc | N/A | N/A | ad hoc | N | tamperctn userid/passwd |
| tcktdnld | Maintenance | N | N/A | ad hoc | N/A | N/A | daily | R | tcktdnld userid/passwd filename print_online_ind days_in_advance [location] |
| tifposdn | Sales Tax | N | N/A | 4 | txrposdn | prepost tifposdn post | daily | R | tifposdn userid/passwd output_file |
| tranupld | Trade Management | Y | File-based | ad hoc | N/A | N/A | daily | R | tranupld userid/passwd infile |
| tsfclose | Transfers | Y | Transfer | ad hoc | N/A | N/A | daily | R | tsfclose userid/passwd |
| tsfprg | Transfers | N | N/A | ad hoc | N/A | N/A | monthly | R | tsfprg userid/passwd |
| txrposdn | Point of Sale Intereface | N | N/A | 4 | N/A | tifposdn | daily | R | txrposdn userid/passwd |
| txrtupld | Sales Tax | N | N/A | 4 | N/A | N/A | ad hoc | R | txrtupld username/password input_file reject_file |
| vatdlxpl | Maintenance - VAT | Y | Vat Region | 0 | N/A<br>dealact<br>salstage(if daily) | prepost vatdlxpl post<br>prepost vendinvc post<br>salweek(if weekly) | daily | R | vatdlxpl userid/passwd |
| vendinvc | Deals | Y | Deal Id | 3 | prepost vendinvc pre<br>salstage(if daily) | salmth (if monthly)<br>prepost vendinvf post<br>salweek(if weekly) | daily | R | vendinvc userid/passwd |
| vendinvf | Deals | Y | Deal Id | 3 | prepost vendinvf pre | salmth (if monthly) | daily | R | vendinvf userid/passwd |
| vrplbld | Replenishment | Y | Supplier | 2 | ediupack | prepost vrplbld post | daily | R | vrplbld userid/passwd |
| wasteadj | Stock Ledger | Y | Store | 3 | N/A<br>costcalc | stkxpld stkupd | daily | R | wasteadj userid/passwd |
| wfcostcalc | Costing | Y | Store_Wh | 2 | prepost wfcostcalc pre | prepost wfcostcalc post | daily | R | wfcostcalc userid/passwd |
| wfordcls | Ordering | Y | Wholesale Order ID | ad hoc | N/A | wfordprg | daily | R | wfordcls userid/passwd |
| wfordprg | Ordering | Y | Wholesale Order ID | ad hoc | wfordcls | N/A | daily | R | wfordprg userid/passwd |
| wforduplid.ksh | Ordering | Y | CustomerRefID | adhoc | N/A | N/A | ad hoc | R | wforduplid.ksh userid/passwd input_file_directory output_file_directory number_of_threads |
| wfrtnprg | Ordering | Y | Wholesale Return ID | ad hoc | N/A | N/A | daily | R | wfrtnprg userid/passwd |
| whadd | Maintenance - Location | N | N/A | ad hoc | N/A | prepost whadd post | daily | R | whadd userid/passwd |
| whstrasg | Maintenance - Location | N | N/A | 3 | (Must be run after all replenishment batch programs). | prepost whstrasg post | daily | R | whstrasg userid/passwd |

## RPM Dependency and Scheduling Details

| Program Name | Functional Area | Threaded | Driver | Phase | Pre-dependency | Post-dependency | Timing | Uses Restart/Recovery | Run Parameters for Programs |
|---|---|---|---|---|---|---|---|---|---|
| ItemReclassBatch | Future Retail | N | N/A | N/A | reclsdly(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<br>LocationMoveBatch | PriceEventExecutionBatch | daily | N | locationMoveBatch.sh rpm-app-userid password |
| PriceEventExecutionBatch | Price Change/Clearance/Promotion | Y | Pricing event | N/A | salstage (RMS)<br>PriceEventExecutionBatch | PriceEventExecutionRMSBatch | daily | N | priceEventExecutionBatch.sh rpm-app-userid password |
| PriceEventExecutionRMSBatch | Price Change/Clearance/Promotion | Y | Pricing event | N/A | PriceEventExecutionBatch | PriceEventExecutionDealsBatch | daily | N | priceEventExecutionRMSBatch.sh rpm-app-userid password |
| PriceEventExecutionDealsBatch | Price Change/Clearance/Promotion | Y | Pricing event | N/A | PriceEventExecutionRMSBatch | MerchExtractKickOffBatch | daily | N | priceEventExecutionDealsBatch.sh rpm-app-userid password |
| PriceStrategyCalendarBatch | Price Strategy | N | | N/A | N/A | MerchExtractKickOffBatch | daily | N | priceStrategyCalendarBatch.sh rpm-app-userid password |
| WorksheetAutoApproveBatch | Pricing Worksheet | Y | Price strategy | N/A | N/A<br>PriceEventExecutionBatch<br>storeadd (RMS)<br>WorksheetAutoApproveBatch<br>PriceStrategyCalendarBatch | MerchExtractKickOffBatch | daily | N | worksheetAutoApproveBatch.sh rpm-app-userid password |
| MerchExtractKickOffBatch | Pricing Worksheet | Y | Price strategy | N/A | wfcostcalc (RMS) | Wholesale Item Catalog Report (RMS) | daily | N | merchExtractKickOffBatch.sh rpm-app-userid password |
| PurgeBulkConflictCheckArtifacts | Conflict Checking | N | N/A | N/A | MerchExtractKickOffBatch<br>MerchExtractKickOffBatch | N/A | daily | N | purgeBulkConflictCheckArtifacts.sh rpm-app-userid password |
| RPMtoORPOSPublishBatch.sh | Price Change/Clearance/Promotion | N | N/A | N/A | WorksheetAutoApproveBatch | N/A | daily | N | ksh RPMtoORPOSPublishBatch.sh <userid/passwd@sid > <log path> <error path> |
| RPMtoORPOSPublishExport.sh | Price Change/Clearance/Promotion | Y | Location | N/A | RPMtoORPOSPublishBatch.sh | N/A | daily | N | ksh RPMtoORPOSPublishExport.sh <userid/passwd@sid > <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 | RegularPriceChangePublishBatch | | daily/ad hoc | N | regularPriceChangePublishExport.sh rpm-db-userid/pwd@database [export-path] |
| ClearancePriceChangePublishBatch | Clearances | Y | Price event (item/loc) | N/A | WorksheetAutoApproveBatch | ClearancePriceChangePublishExport | daily/ad hoc | N | clearancePriceChangePublishBatch.sh rpm-app-userid password |
| ClearancePriceChangePublishExport | Clearances | N | Price event (item/loc) | N/A | ClearancePriceChangePublishBatch | | daily/ad hoc | N | clearancePriceChangePublishExport.sh rpm-db-userid/pwd@database [export-path] |
| PromotionPriceChangePublishBatch | Promotions | Y | Price event (item/loc) | N/A | WorksheetAutoApproveBatch | PromotionPriceChangePublishExport | daily/ad hoc | N | promotionPriceChangePublishBatch.sh rpm-app-userid password |
| PromotionPriceChangePublishExport | Promotions | N | Price event (item/loc) | N/A | PromotionPriceChangePublishBatch | N/A | 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>] |

## ReIM Dependency and Scheduling Details

| Program Name | Functional Area | Threaded | Driver | Phase | Pre-dependency | Post-dependency | Timing | Uses Restart/Recovery | Run Parameters for Programs |
|---|---|---|---|---|---|---|---|---|---|
| AutoMatch | Invoice Matching (ReIM) | Y | N/A | 6 | TermsRankingService | ReasonCodeActionRollup<br>ResolutionPosting | daily | R | AutoMatch userid/passwd |
| BatchPurge | Invoice Matching (ReIM) | N | N/A | 0 | N/A | N/A | daily | R | BatchPurge userid/passwd |
| ComplexDealUpload | Invoice Matching (ReIM) | Y | N/A | 5 | vendinvc(RMS), vendinvf(RMS) | AutoMatch | daily | R | ComplexDealUpload userid/passwd BlockSize PartitionNo |
| DiscrepancyPurge | Invoice Matching (ReIM) | N | N/A | 1 | N/A | N/A | daily | R | DiscrepancyPurge userid/passwd |
| DisputedCreditMemoRollup | Invoice Matching (ReIM) | N | N/A | 6 | ReasonCodeActionRollup | ResolutionPosting | daily | R | DisputedCreditMemoRollup userid/passwd |
| EdiInvoiceUpload | Invoice Matching (ReIM) | Y | N/A | 5 | edidlinv(RMS) | AutoMatch | daily | R | EdiInvoiceUpload userid/passwd "EDI input file with path" "EDI reject file with path" |
| EdiInvoiceDownload | Invoice Matching (ReIM) | N | N/A | 7 | ResolutionPosting | N/A | daily | R | EdiInvoiceDownload userid/passwd |
| FixedDealUpload | Invoice Matching (ReIM) | Y | N/A | 5 | vendinvc(RMS), vendinvf(RMS) | AutoMatch | daily | R | FixedDealUpload userid/passwd BlockSize PartitionNo |
| ReasonCodeActionRollup | Invoice Matching (ReIM) | N | N/A | 6 | AutoMatch | DisputedCreditMemoRollup | daily | R | ReasonCodeActionRollup userid/passwd |
| ReceiptWriteoff | Invoice Matching (ReIM) | N | N/A | 6 | AutoMatch | N/A | daily | R | ReceiptWriteoff userid/passwd |
| ReceiverAdjustment | Invoice Matching (ReIM) | N | N/A | 1 | EdiInvoiceUpload<br>ReasonCodeActionRollup, | ReasonCodeActionRollup<br>ResolutionPosting | daily | R | ReceiverAdjustment userid/passwd |
| ResolutionPosting | Invoice Matching (ReIM) | N | N/A | 6 | DisputedCreditMemoRollup | N/A | daily | R | ResolutionPosting userid/passwd |
| TermsRankingService | Invoice Matching (ReIM) | N | N/A | 6 | N/A | AutoMatch | monthly | R | TermsRankingService 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 to run the extracts) | Refer to RPAS Operations guide | daily | N | N/A |
| rmse_rpas_attributes.ksh | Planning/Forecast System Interface | N | N/A | N/A | pre_rmse_rpas.ksh<br>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<br>sitmain<br>reclsdly | Refer to RPAS Operations guide | daily | N | N/A |
| rmse_rpas_item_master.ksh | Planning/Forecast System Interface | N | N/A | N/A | dlyprg<br>reclsdly<br>dlyprg | Refer to RPAS Operations guide | daily | N | N/A |
| rmse_rpas_merchhier.ksh | Planning/Forecast System Interface | N | N/A | N/A | 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<br>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<br>storeadd<br>dlyprg | Refer to RPAS Operations guide | daily | N | N/A |
| rmse_rpas_store.ksh | Planning/Forecast System Interface | N | N/A | N/A | | 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<br>hstwkupd | Refer to RPAS Operations guide | daily | N | N/A |
| rmse_rpas_weekly_sales.ksh | Planning/Forecast System Interface | N | N/A | N/A | salweek<br>whadd<br>dlyprg | Refer to RPAS Operations guide | daily | N | N/A |
| rmse_rpas_wh.ksh | Planning/Forecast System Interface | N | N/A | N/A | | 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 | rmsl_rpas_forecast.ksh daily or weekly |
| 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_retal_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 |
|---|---|---|---|---|---|---|---|---|---|
| cdedtlex.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 |
| cmptrlmex.ksh | RDW interface | N | N/A | N/A | A, B | Refer to RDW operations guide | daily | N | N/A |
| cmptrlocex.ksh | RDW interface | N | N/A | N/A | A, B | Refer to RDW operations guide | daily | N | N/A |
| crncycdex.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), lclrbld (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), lclrbld (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), lclrbld (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), lclrbld (RMS) | Refer to RDW operations guide | daily | N | N/A |
| orgllmex.ksh | RDW interface | N | N/A | N/A | A, B, storeadd (RMS), dlyprg (RMS), lclrbld (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), lclrbld (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), lclrbld (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), lclrbld (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), lclrbld (RMS) | Refer to RDW operations guide | daily | N | N/A |
| orgrgnex.ksh | RDW interface | N | N/A | N/A | lclrbld (RMS) | Refer to RDW operations guide | daily | N | N/A |
| phasex.ksh | RDW interface | N | N/A | N/A | A, B<br>A, B, cremhierdly (RMS), reclsdly (RMS), | Refer to RDW operations guide | daily | N | N/A |
| prdclsex.ksh | RDW interface | N | N/A | N/A | dlyprg (RMS) | Refer to RDW operations guide | daily | N | N/A |
| prdcmpex.ksh | RDW interface | N | N/A | N/A | A,B<br>A, B, cremhierdly (RMS), reclsdly (RMS), | Refer to RDW operations guide | daily | N | N/A |
| prddepex.ksh | RDW interface | N | N/A | N/A | dlyprg (RMS)<br>A, B, cremhierdly (RMS), reclsdly (RMS), | Refer to RDW operations guide | daily | N | N/A |
| prddiffex.ksh | RDW interface | N | N/A | N/A | dlyprg (RMS)<br>A, B, cremhierdly (RMS), reclsdly (RMS), | Refer to RDW operations guide | daily | N | N/A |
| prddivex.ksh | RDW interface | N | N/A | N/A | dlyprg (RMS)<br>A, B, cremhierdly (RMS), reclsdly (RMS), | Refer to RDW operations guide | daily | N | N/A |
| prddtypex.ksh | RDW interface | N | N/A | N/A | dlyprg (RMS)<br>A, B, cremhierdly (RMS), reclsdly (RMS), | Refer to RDW operations guide | daily | N | N/A |
| prdgrpex.ksh | RDW interface | N | N/A | N/A | dlyprg (RMS) | Refer to RDW operations guide | daily | N | N/A |
| prdlslex.ksh | RDW interface | N | N/A | N/A | A, B | Refer to RDW operations guide | daily | N | N/A |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| prditmex.ksh | RDW interface | N | N/A | N/A | A, B, cremhierdly (RMS), reclsdly (RMS), dlyprg (RMS) | Refer to RDW operations guide | daily | N | N/A |
| prditmlex.ksh | RDW interface | N | N/A | N/A | A, B, cremhierdly (RMS), reclsdly (RMS), dlyprg (RMS) | Refer to RDW operations guide | daily | N | N/A |
| prditmlmex.ksh | RDW interface | N | N/A | N/A | A, B, cremhierdly (RMS), reclsdly (RMS), dlyprg (RMS) | Refer to RDW operations guide | daily | N | N/A |
| prditmltmex.ksh | RDW interface | N | N/A | N/A | A, B | Refer to RDW operations guide | daily | N | N/A |
| prditmsmex.ksh | RDW interface | N | N/A | N/A | A, B | Refer to RDW operations guide | daily | N | N/A |
| prdpimex.ksh | RDW interface | N | N/A | N/A | A, B, cremhierdly (RMS), reclsdly (RMS), dlyprg (RMS) | Refer to RDW operations guide | daily | N | N/A |
| prdsbcex.ksh | RDW interface | N | N/A | N/A | A, B, cremhierdly (RMS), reclsdly (RMS), dlyprg (RMS) | Refer to RDW operations guide | daily | N | N/A |
| prdudaex.ksh | RDW interface | N | N/A | N/A | A, B, cremhierdly (RMS), reclsdly (RMS), dlyprg (RMS) | Refer to RDW operations guide | daily | N | N/A |
| regngrpex.ksh | RDW interface | N | N/A | N/A | A, B | Refer to RDW operations guide | daily | N | N/A |
| regnmtxex.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, cntrmain (RMS) | Refer to RDW operations guide | daily | N | N/A |
| supsupex.ksh | RDW interface | N | N/A | N/A | A, B, cntrmain (RMS) | Refer to RDW operations guide | daily | N | N/A |
| suptrmex.ksh | RDW interface | N | N/A | N/A | A, B, cntrmain (RMS) | Refer to RDW operations guide | daily | N | N/A |
| suptrtex.ksh | RDW interface | N | N/A | N/A | A, B, cntrmain (RMS) | Refer to RDW operations guide | daily | N | N/A |
| tndrtypex.ksh | RDW interface | N | N/A | N/A | A,B | Refer to RDW operations guide | daily | N | N/A |
| tltypex.ksh | RDW interface | N | N/A | N/A | A, B | Refer to RDW operations guide | daily | N | N/A |
| wfcustex.ksh | RDW interface | N | N/A | N/A | A, B | Refer to RDW operations guide | daily | N | N/A |
| wfcustgrpex.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 |
|---|---|---|---|---|---|---|---|---|---|
| cmptrprcildex.ksh | RDW interface | N | N/A | N/A | B | Refer to RDW operations guide | daily | N | cmptrprcildex.ksh output_file_path/output_file_name |
| cstisldex.ksh | RDW interface | N | N/A | N/A | C | Refer to RDW operations guide | daily | N | cstisldex.ksh output_file_path/output_file_name |
| exchngratex.ksh | RDW interface | N | N/A | N/A | B | Refer to RDW operations guide | daily | N | exchngratex.ksh output_file_path/output_file_name |
| invildex.ksh | RDW interface | N | N/A | N/A | C, salstage (RMS), mrt (RMS), ordrev (RMS) | Refer to RDW operations guide | daily | Y | invildex.ksh output_file_path/output_file_name |
| ivaildex.ksh | RDW interface | N | N/A | N/A | C, salstage (RMS), mrt (RMS) | Refer to RDW operations guide | daily | N | ivaildex.ksh output_file_path/output_file_name |
| ivrcpildex.ksh | RDW interface | N | N/A | N/A | C, salstage (RMS), mrt (RMS) | Refer to RDW operations guide | daily | N | ivrcpildex.ksh output_file_path/output_file_name |
| ivrildex.ksh | RDW interface | N | N/A | N/A | C | Refer to RDW operations guide | daily | N | ivrildex.ksh output_file_path/output_file_name |
| ivtildex.ksh | RDW interface | N | N/A | N/A | C, salstage (RMS), mrt (RMS) | Refer to RDW operations guide | daily | N | ivtildex.ksh output_file_path/output_file_name |
| ivuildex.ksh | RDW interface | N | N/A | N/A | C, salstage (RMS), mrt (RMS) | Refer to RDW operations guide | daily | N | ivuildex.ksh output_file_path/output_file_name |
| lptotcldex.ksh | RDW interface | N | N/A | N/A | C, saexprdw (ReSA), resa2rdw | Refer to RDW operations guide | daily | N | lptotcldex.ksh output_file_path/output_file_name |
| lptotldex.ksh | RDW interface | N | N/A | N/A | C, saexprdw (ReSA), resa2rdw | Refer to RDW operations guide | daily | N | lptotldex.ksh output_file_path/output_file_name |
| ncstuildex.ksh | RDW interface | N | N/A | N/A | C, costcalc (RMS) | Refer to RDW operations guide | daily | N | ncstuildex.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 |
| prcildex.ksh | RDW interface | N | N/A | N/A | N/A | Refer to RDW operations guide | daily | N | prcildex.ksh output_file_path/output_file_name |
| pre_dwi_extract.ksh | RDW interface | N | N/A | N/A | A | salmth(RMS). Also refer to RDW operations guide | daily | N | N/A |
| pre_dwi_temp.ksh | RDW interface | N | N/A | N/A | B | Refer to RDW operations guide | daily | N | N/A |
| rplcildex.ksh | RDW interface | N | N/A | N/A | C, salstage (RMS) | Refer to RDW operations guide | daily | N | rplcildex.ksh output_file_path/output_file_name |
| savidex.ksh | RDW interface | N | N/A | N/A | C, cntrprss (RMS), ediupavl (RMS), rplapprv (RMS) | Refer to RDW operations guide | daily | N | savidex.ksh output_file_path/output_file_name |
| scmialdex.ksh | RDW interface | N | N/A | N/A | C, salstage (RMS) | Refer to RDW operations guide | daily | N | scmialdex.ksh output_file_path/output_file_name |
| scmioldex.ksh | RDW interface | N | N/A | N/A | C, salstage (RMS) | Refer to RDW operations guide | daily | N | scmioldex.ksh output_file_path/output_file_name |
| scrqtldex.ksh | RDW interface | N | N/A | N/A | C, salstage (RMS) | Refer to RDW operations guide | daily | N | scrqtldex.ksh output_file_path/output_file_name |
| scrtlldex.ksh | RDW interface | N | N/A | N/A | C, salstage (RMS) | Refer to RDW operations guide | daily | Y | scrtlldex.ksh output_file_path/output_file_name |
| sctidex.ksh | RDW interface | N | N/A | N/A | C, rplapprv (RMS), cntrprss (RMS), rplbld (RMS), cntrmain (RMS), | Refer to RDW operations guide | daily | N | sctidex.ksh output_file_path/output_file_name |
| sfcilwex.ksh | RDW interface | N | N/A | N/A | B, rmsl_rpas_forecast.ksh (RMS to RPAS extract) | Refer to RDW operations guide | daily | N | sfcilwex.ksh output_file_path/output_file_name |
| slsildmex.ksh | RDW interface | N | N/A | N/A | C, saexprdw (ReSA), resa2rdw | Refer to RDW operations guide | daily | Y | slsildmex.ksh output_file_path/output_file_name |
| slsmkdnildex.ksh | RDW interface | N | N/A | N/A | C, salstage (RMS) | Refer to RDW operations guide | daily | N | slsmkdnildex.ksh output_file_path/output_file_name |
| stlblmthex.ksh | RDW interface | N | N/A | N/A | C, salmth (RMS) | Refer to RDW operations guide | daily | N | stlblmthex.ksh output_file_path/output_file_name |
| stlblwex.ksh | RDW interface | N | N/A | N/A | C, salweek (RMS) | Refer to RDW operations guide | daily | N | stlblwex.ksh output_file_path/output_file_name |
| ttldmex.ksh | RDW interface | N | N/A | N/A | C, saexprdw (ReSA), resa2rdw | 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 |
| vchrmoveldsgex.ksh | RDW interface | N | N/A | N/A | B, savouch (ReSA) | Refer to RDW operations guide | daily | N | vchrmoveldsgex.ksh output_file_path/output_file_name |
| vchroutlwex.ksh | RDW interface | N | N/A | N/A | B, savouch (ReSA) | Refer to RDW operations guide | daily | N | vchroutlwex.ksh output_file_path/output_file_name |
| wfslsildex.ksh | RDW interface | N | N/A | N/A | C, salstage (RMS) | Refer to RDW operations guide | daily | n | wfslsildex.ksh output_file_path/output_file_name |
| wfslsmkdnildex.ksh | RDW interface | N | N/A | N/A | C, salstage (RMS) | Refer to RDW operations guide | daily | n | wfslsmkdnildex.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.

## Integrated Merchandising Batch Schedule

# 4

# Interface Diagrams for RMS and RPAS

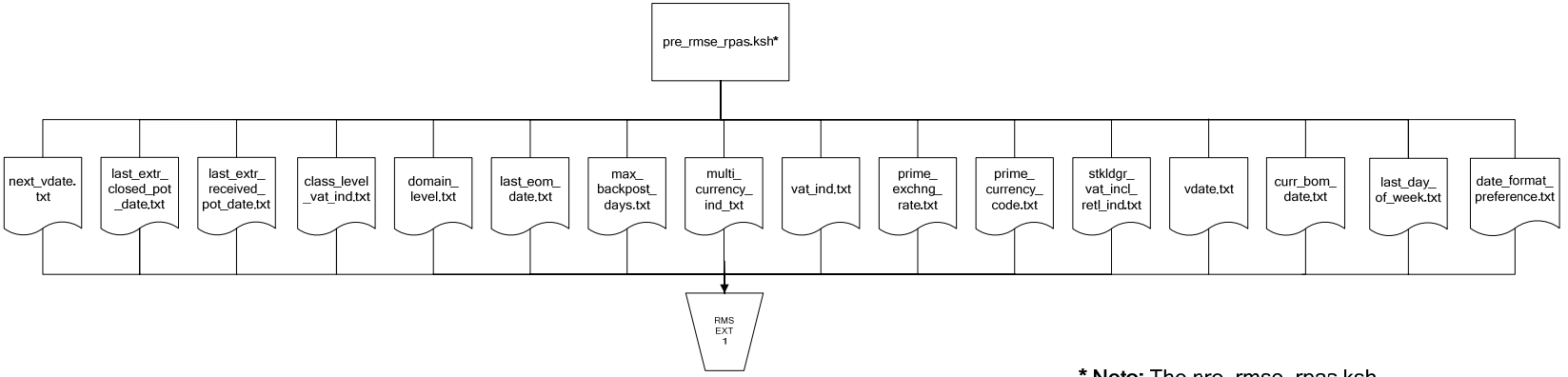
Because RMS is the retailer's central merchandising transactional processing system, it is the principle source of the foundation data needed in some of the Oracle Retail suite of products. RMS provides foundation data to RPAS, and RPAS provides planning data to RMS.

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

## RMS Pre/Post Extract Diagrams

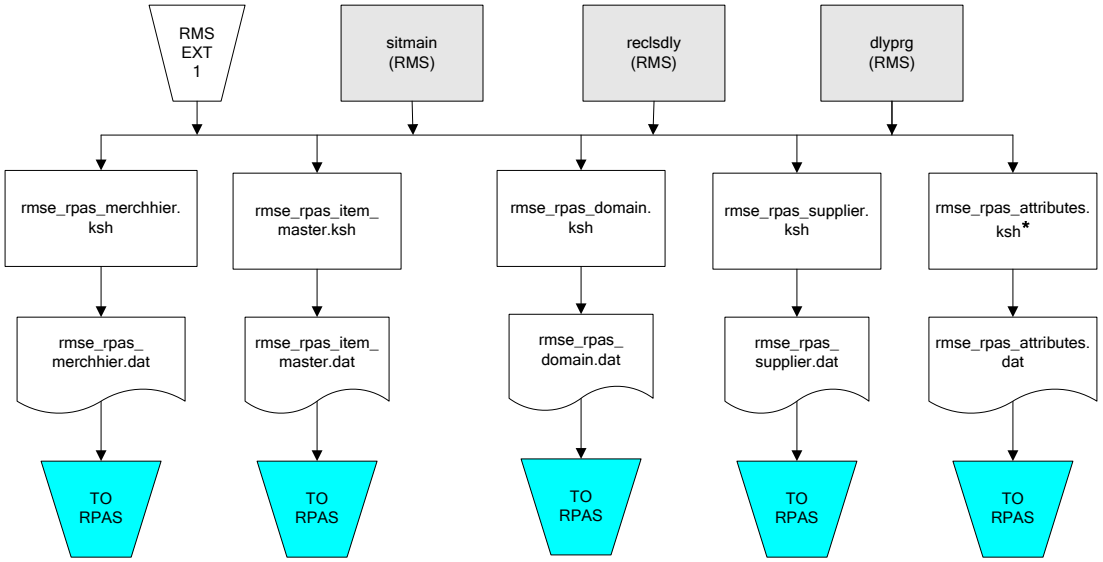
RMS Pre RETL Extract Maintenance




*** 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.

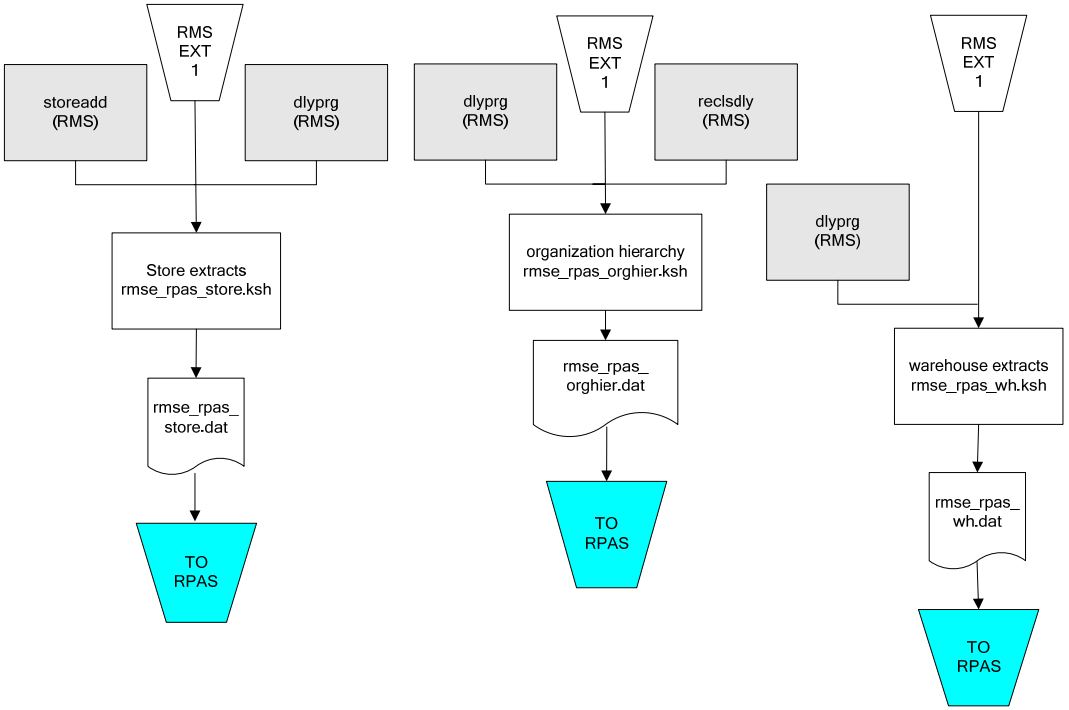
# RMS Foundation Data Extract Diagrams

Merchandise Hierarchy for RPAS

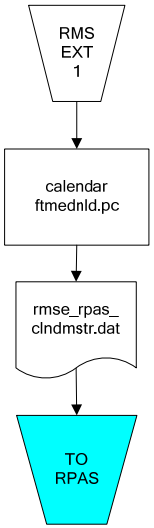



*Note: The rmse_rpas_attributes.ksh flow is applicable only if issues are active.

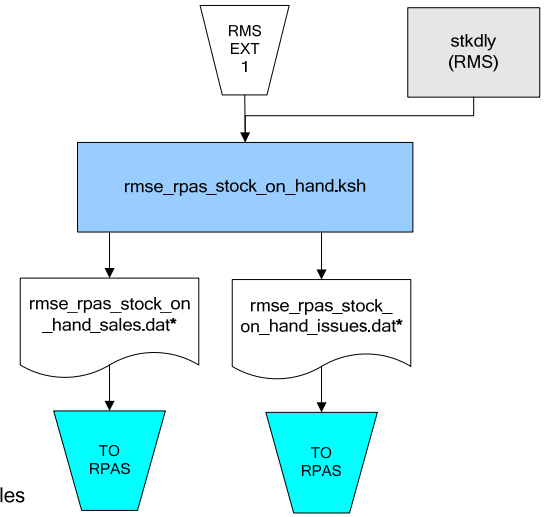
## Organization Hierarchy for RPAS




## Time Extract



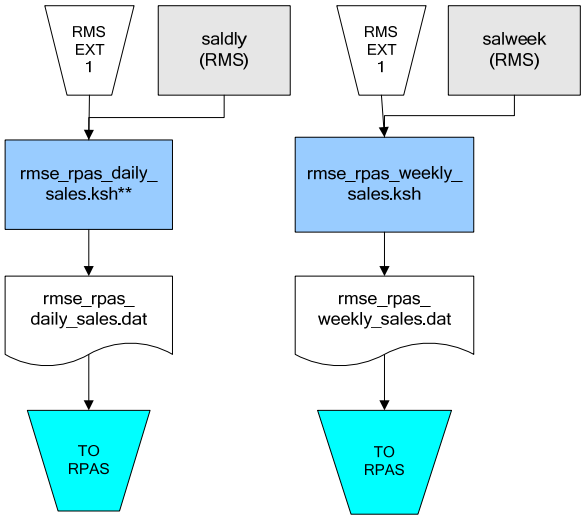
# RMS Fact Data Extract Diagrams




*** 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

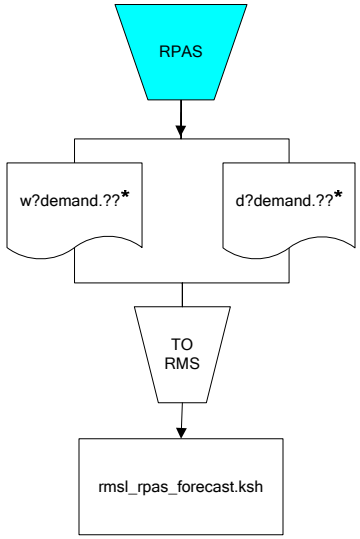
If issues are **not** active, the following file results from the rmse_rpas_stock_on_hand.ksh flow:
- rmse_rpas_stock_on_hand_sales.dat

## 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 RDW

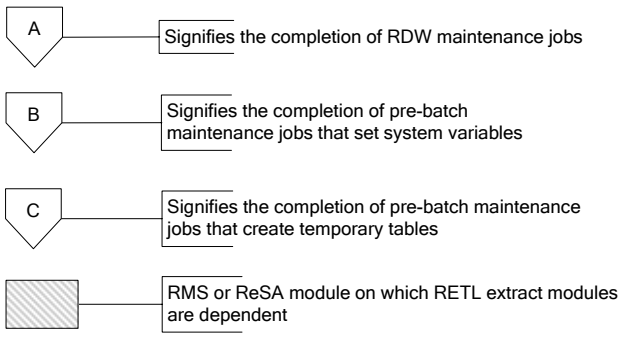
RMS works in conjunction with the Oracle Retail Extract Transform and Load (RETL) framework. RETL provides high-performance processing to extract data from Oracle Retail applications for use in data warehouses. The architecture allows database batch processes to take advantage of parallel processing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

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

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

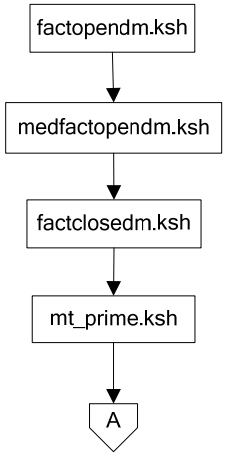
For summary information about the configuration, architecture, and features of RETL programs utilized in RMS/ReSA extractions, see the Oracle Retail Management System Operations Guide Volume 3—Backend Configuration and Operations. For more information about the RETL tool, see the current RETL Programmer's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

## Legend

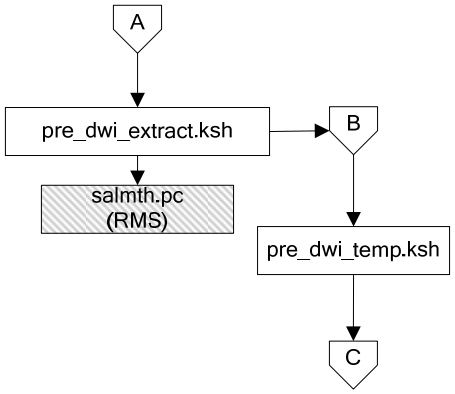


## RDW Maintenance

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

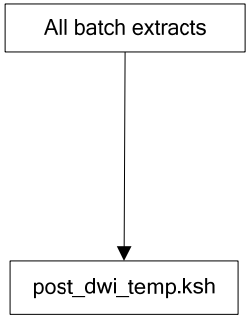



## Pre-Batch Maintenance

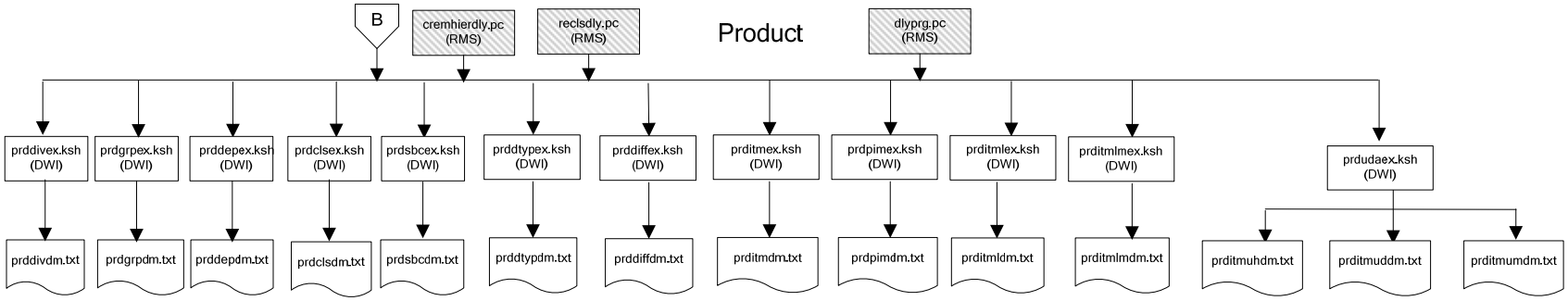


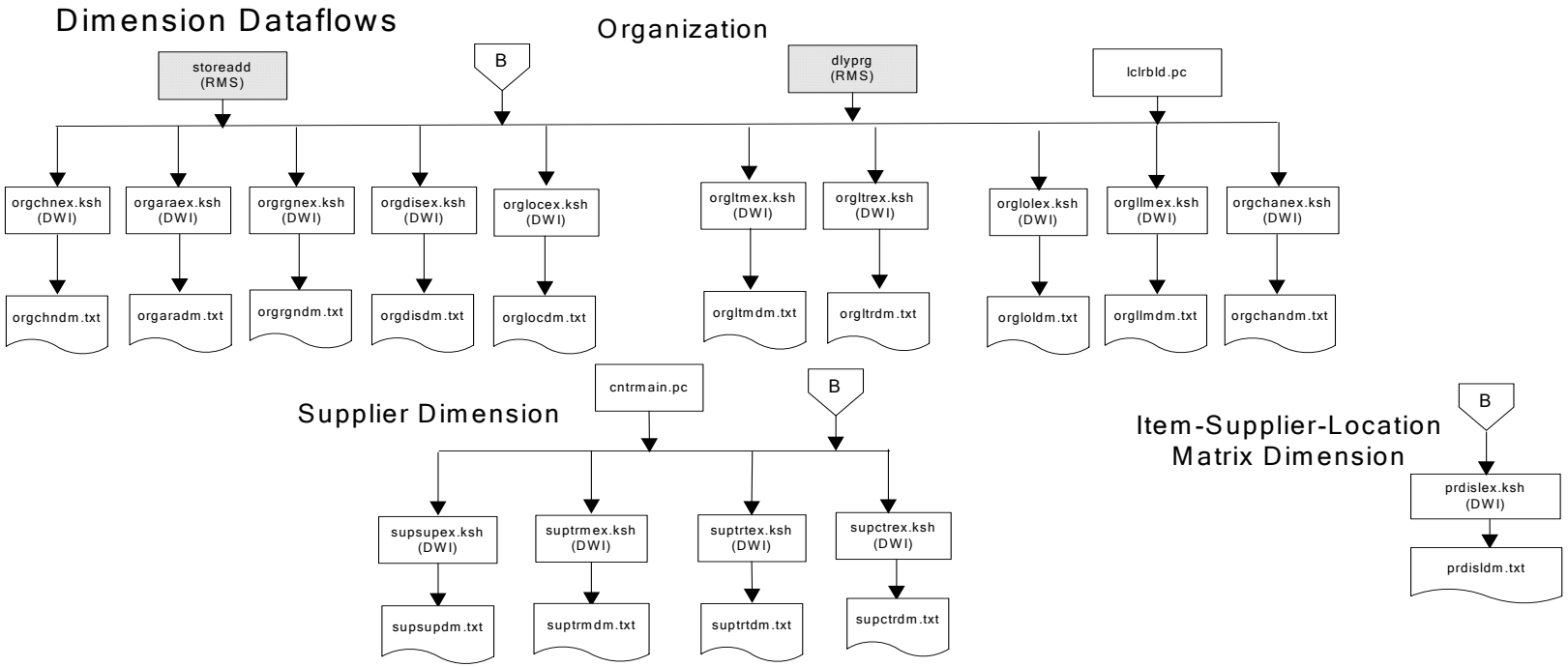

**Note:**
salmth.pc resets the last eom_date. Thus, it must be run after the system indicator is extracted by pre_dwi_extract.ksh.

## Post-Batch Maintenance

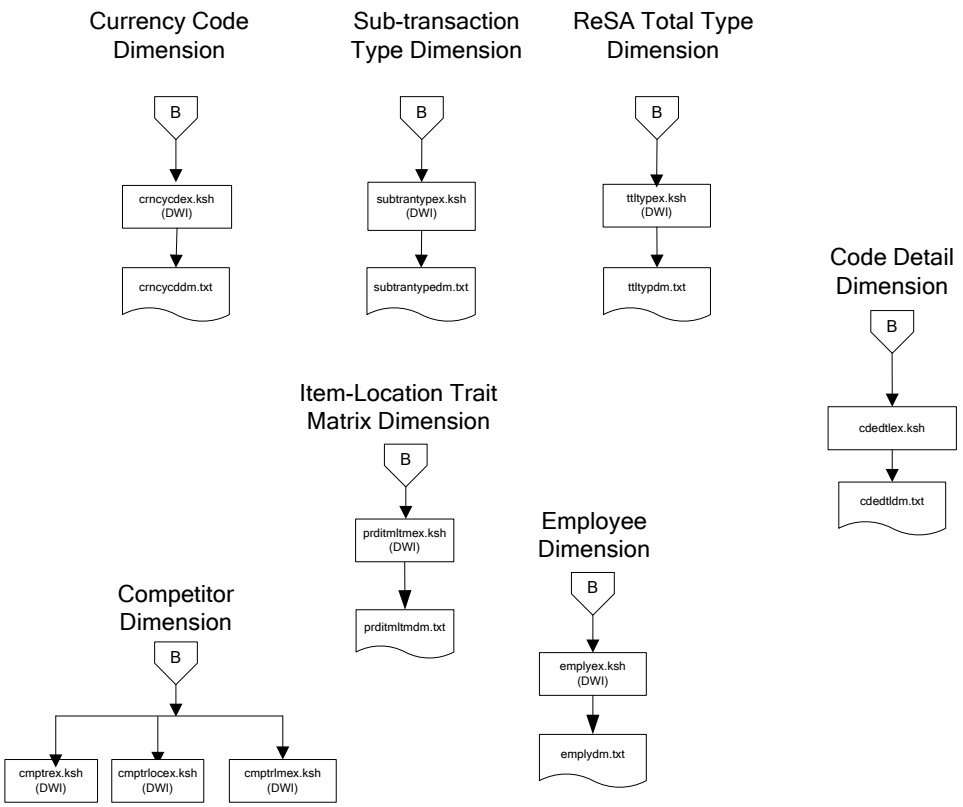


## Dimension Dataflows



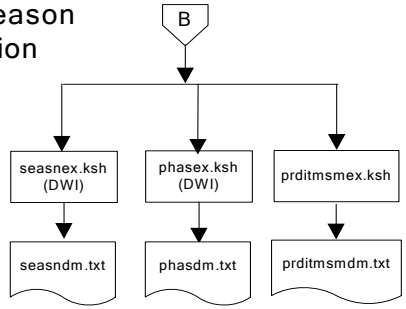

Dimension Dataflows
Organization
storeadd (RMS)
B
dlyprg (RMS)
lclrbld.pc
orgchnex.ksh (DWI)
orgaraex.ksh (DWI)
orgrgnex.ksh (DWI)
orgdisex.ksh (DWI)
orglocex.ksh (DWI)
orgltmex.ksh (DWI)
orgltrex.ksh (DWI)
orglolex.ksh (DWI)
orgllmex.ksh (DWI)
orgchanex.ksh (DWI)
orgchndm.txt
orgaradm.txt
orgrgndm.txt
orgdisdm.txt
orglocdm.txt
orgltmdm.txt
orgltrdm.txt
orgloldm.txt
orgllmdm.txt
orgchandm.txt
Supplier Dimension
cntrmain.pc
B
supsupex.ksh (DWI)
suptrmex.ksh (DWI)
suptrtex.ksh (DWI)
supctrex.ksh (DWI)
supsupdm.txt
suptrmdm.txt
suptrtdm.txt
supctrdm.txt
Item-Supplier-Location Matrix Dimension
B
prdislex.ksh (DWI)
prdisldm.txt

## Dimension Dataflows

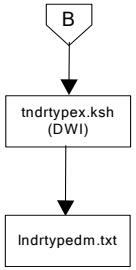


## Dimension Dataflows

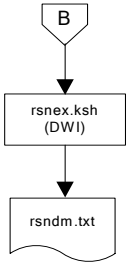
### Product Season Dimension



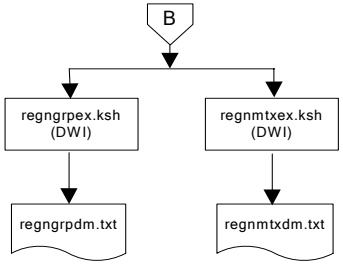

### Tender Type Dimension



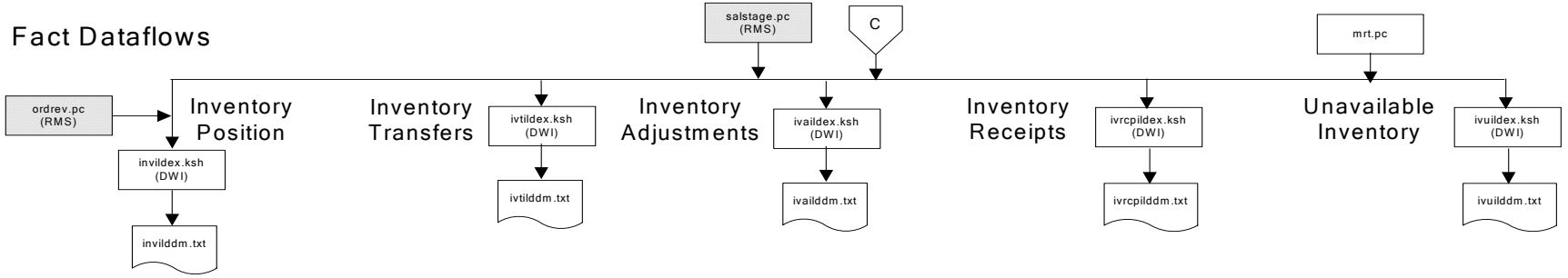

### Reason Dimension



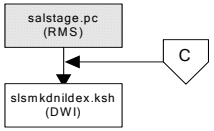

### Regionality Dimension




## Fact Dataflows

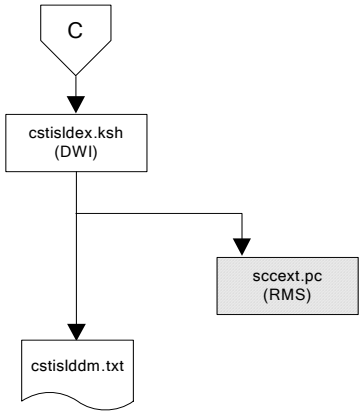



### Markdowns

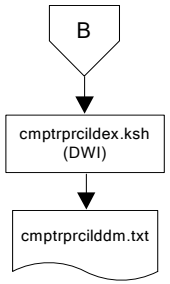


# Fact Dataflows

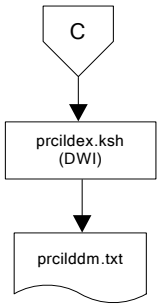
## Cost



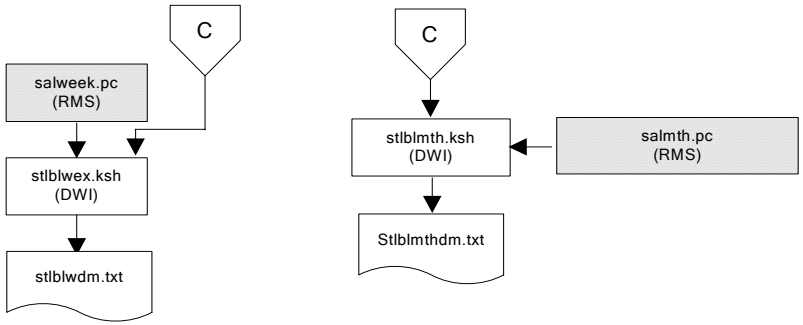

## Competitor Pricing




## RPM Pricing



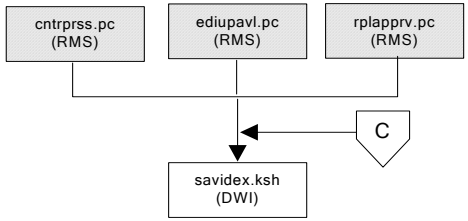

## Stock Ledger



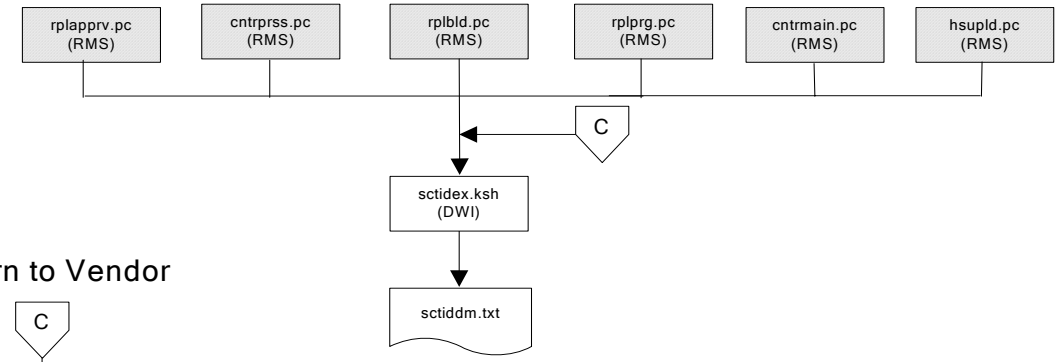

**Note**:
Run stock ledger fact loads once weekly.

# Fact Dataflows

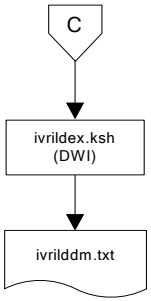
## Supplier Availability



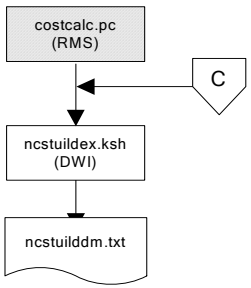

## Supplier Contract




## Return to Vendor

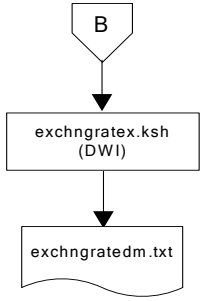



## Net Cost

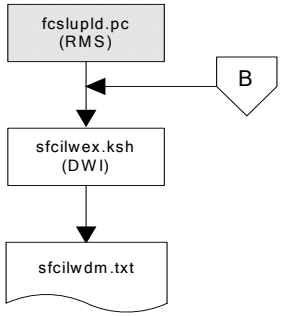


# Fact Dataflows

## Exchange Rates

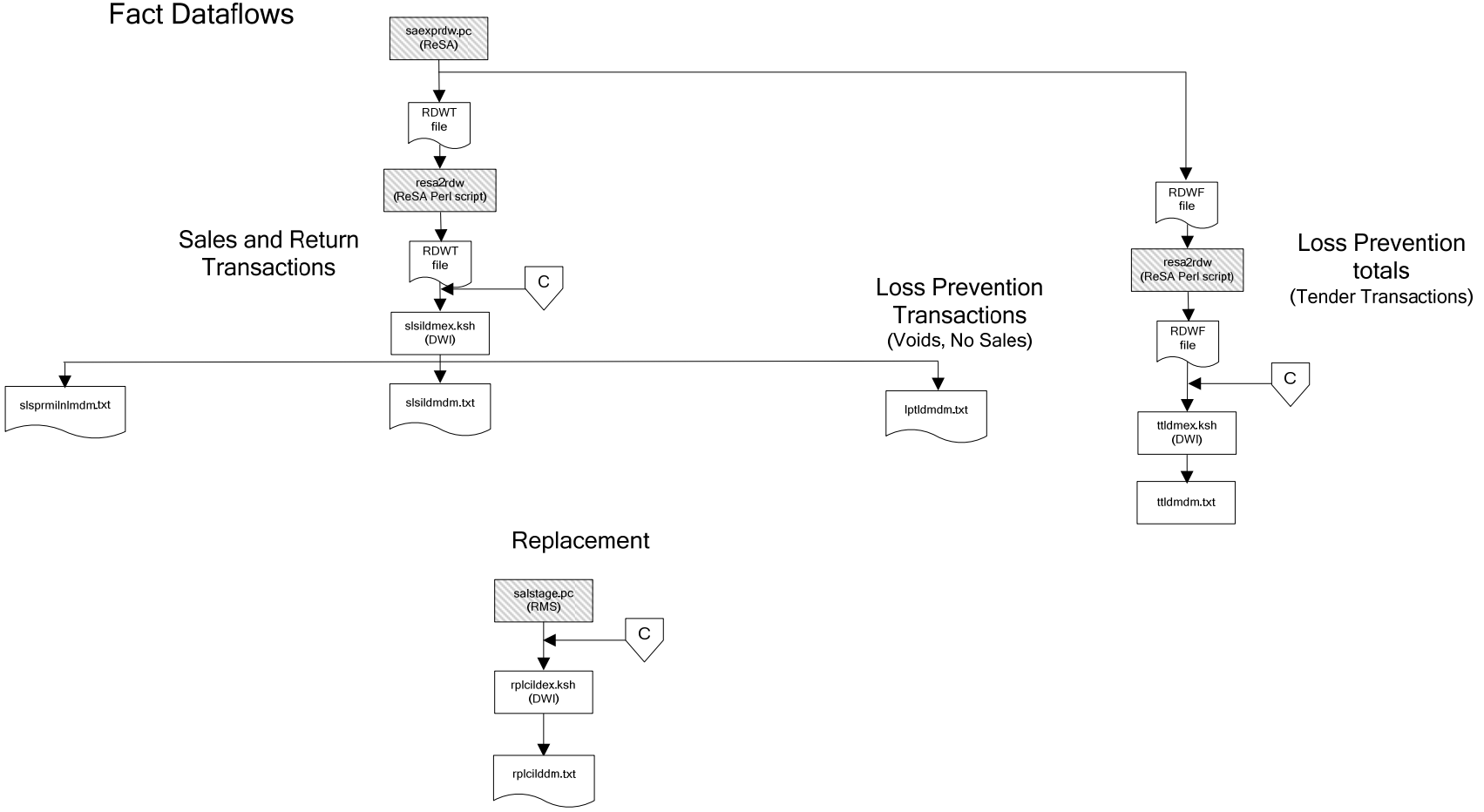



## Sales Forecasts

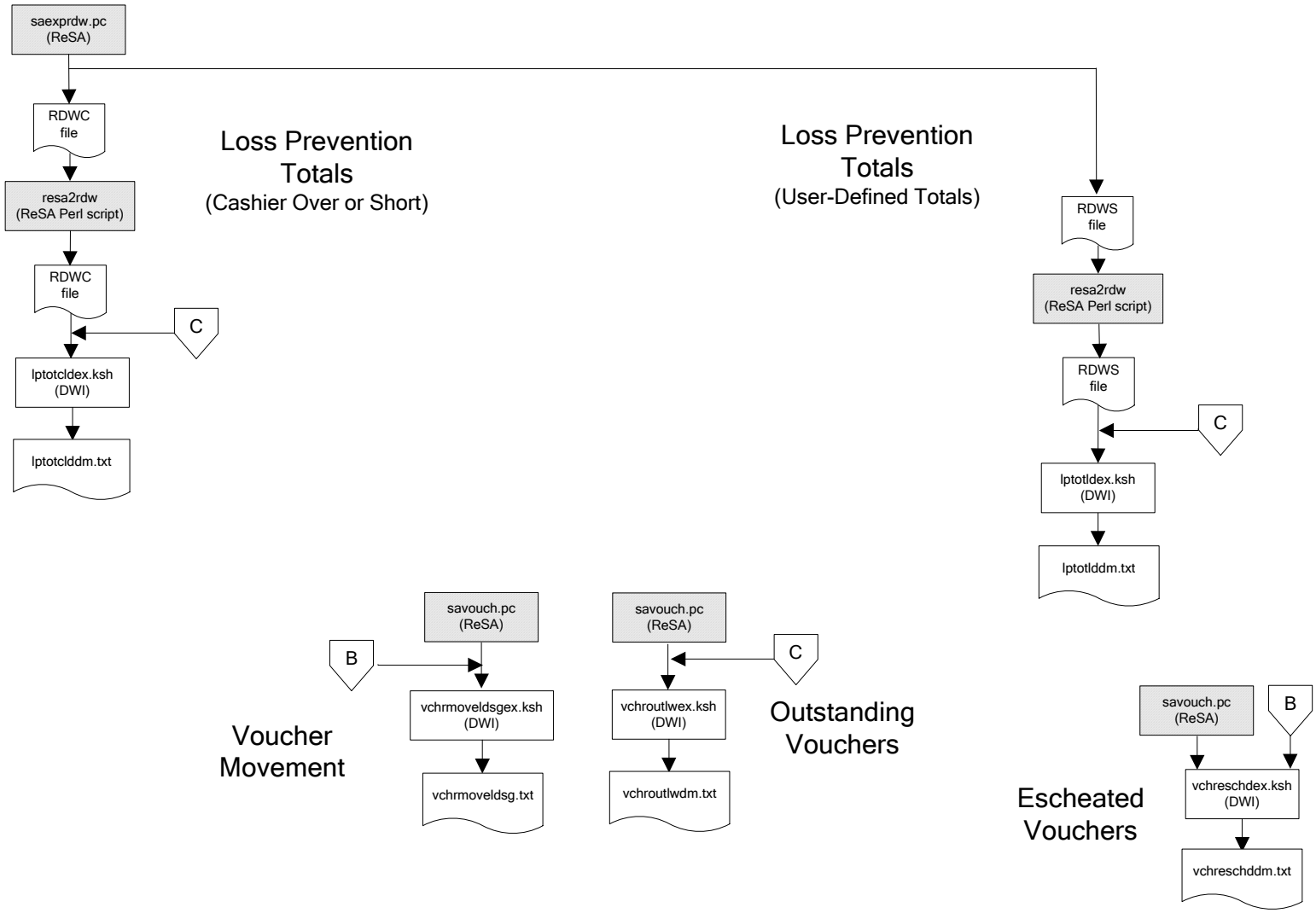



**Note**:
Run sales forecast fact loads once weekly.

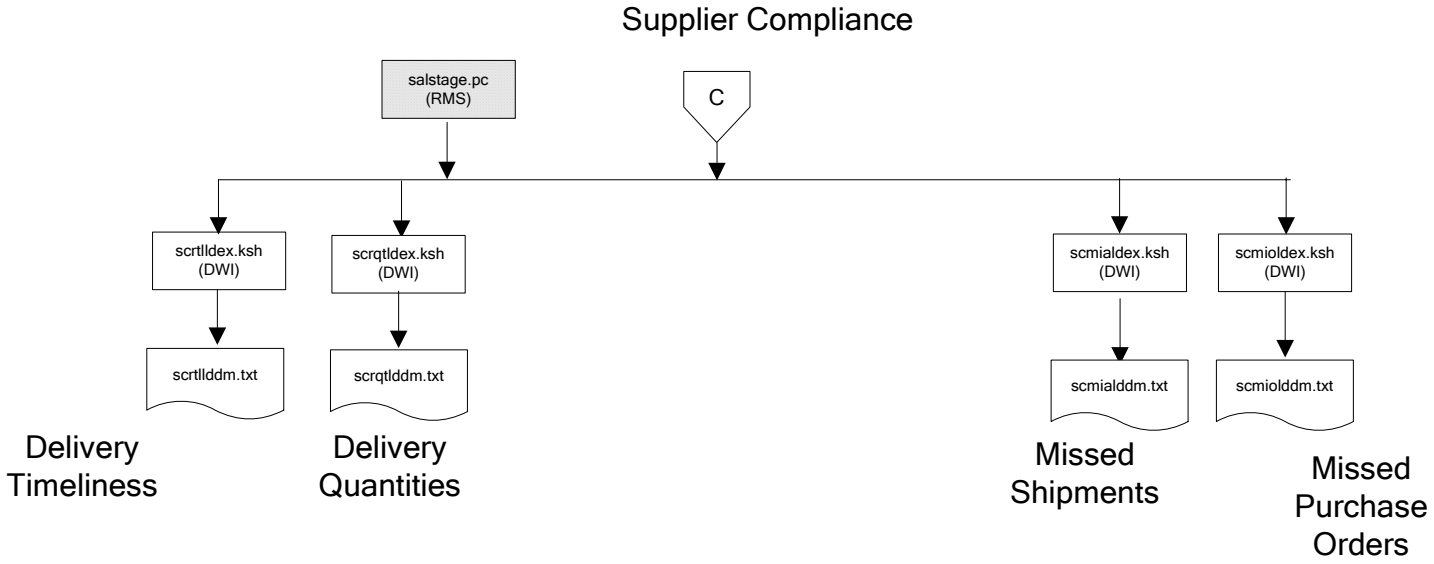
## Fact Dataflows



# Fact Dataflows



## Fact Dataflows



# 6

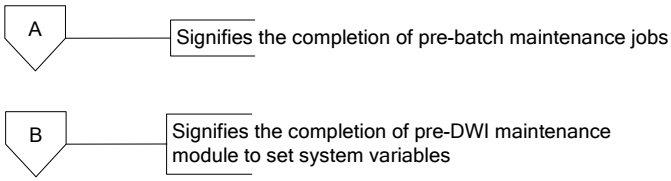
# Interface Diagram for RPM and RDW

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

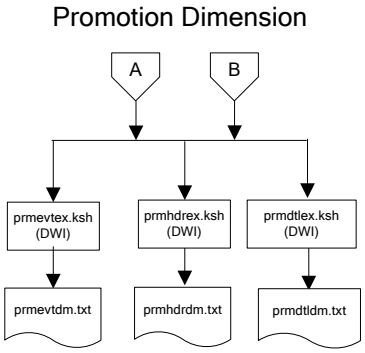
For detailed information about dimensions and facts, see the Retail Data Warehouse Operations Guide.

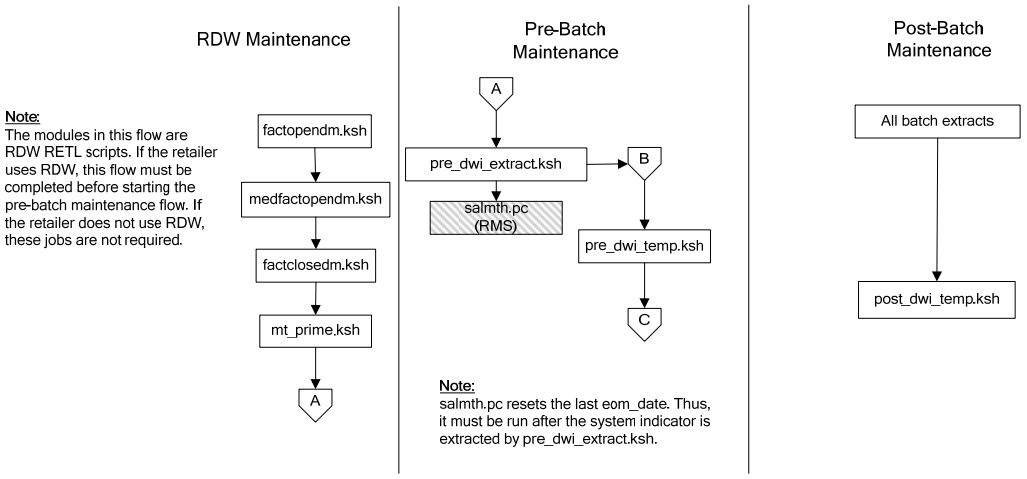
See the Retail Merchandising System Operations Guide Volume 1—Batch Overviews and Designs for more information about the modules shown in the following diagram.

## Legend




## Program Flow Diagram




RDW Maintenance
Pre-Batch Maintenance
Post-Batch 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.
factopendm.ksh
medfactopendm.ksh
factclosedm.ksh
mt_prime.ksh
A
A
pre_dwi_extract.ksh
B
salmth.pc (RMS)
pre_dwi_temp.ksh
C
Note:
salmth.pc resets the last eom_date. Thus, it must be run after the system indicator is extracted by pre_dwi_extract.ksh.
All batch extracts
post_dwi_temp.ksh

# 7

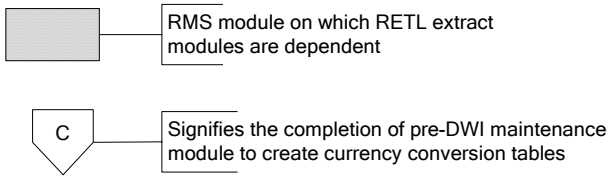
# Interface Diagram for ReIM and RDW

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

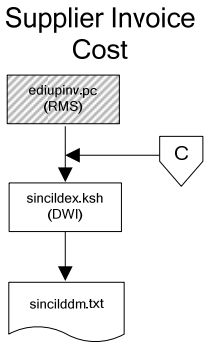
For detailed information about dimensions and facts, see the Retail Data Warehouse Operations Guide.

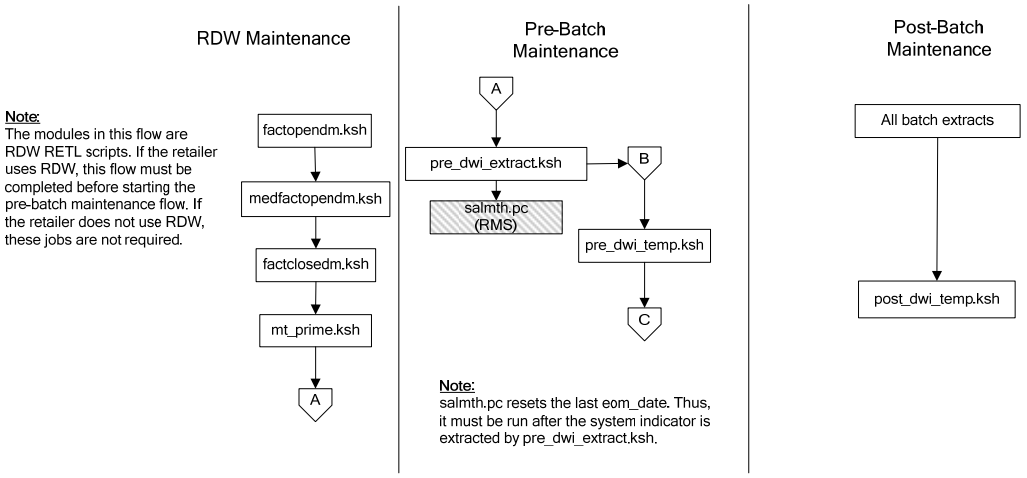
See the Retail Merchandising System Operations Guide Volume 1—Batch Overviews and Designs for more information about the modules shown in the following diagram.

Legend




Program Flow Diagram




RDW Maintenance
Pre-Batch Maintenance
Post-Batch 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.
factopendm.ksh
medfactopendm.ksh
factclosedm.ksh
mt_prime.ksh
A
A
pre_dwi_extract.ksh
B
salmth.pc (RMS)
pre_dwi_temp.ksh
C
Note:
salmth.pc resets the last eom_date. Thus, it must be run after the system indicator is extracted by pre_dwi_extract.ksh.
All batch extracts
post_dwi_temp.ksh