

**Oracle® Retail Merchandising**

Batch Schedule

Release 12.0.11

April 2010

Copyright © 2010, Oracle. All rights reserved.

Primary Author: Nathan Young

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this software or related documentation is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, the following notice is applicable:

U.S. GOVERNMENT RIGHTS Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are "commercial computer software" or "commercial technical data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, duplication, disclosure, modification, and adaptation shall be subject to the restrictions and license terms set forth in the applicable Government contract, and, to the extent applicable by the terms of the Government contract, the additional rights set forth in FAR 52.227-19, Commercial Computer Software License (December 2007). Oracle USA, Inc., 500 Oracle Parkway, Redwood City, CA 94065.

This software is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications which may create a risk of personal injury. If you use this software in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure the safe use of this software. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software in dangerous applications.

Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

This software and documentation may provide access to or information on content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

## Value-Added Reseller (VAR) Language

### Oracle Retail VAR Applications

The following restrictions and provisions only apply to the programs referred to in this section and licensed to you. You acknowledge that the programs may contain third party software (VAR applications) licensed to Oracle. Depending upon your product and its version number, the VAR applications may include:

(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, Oracle Retail Demand Forecasting, Oracle Retail Regular Price Optimization, Oracle Retail Size Profile Optimization, Oracle Retail Replenishment Optimization 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.

(iii) the **SeeBeyond** component developed and licensed by Sun Microsystems, Inc. (Sun) of Santa Clara, California, to Oracle and imbedded in the Oracle Retail Integration Bus application.

(iv) the **Wavelink** component developed and licensed by Wavelink Corporation (Wavelink) of Kirkland, Washington, to Oracle and imbedded in Oracle Retail Mobile Store Inventory Management.

(v) the software component known as **Crystal Enterprise Professional and/or Crystal Reports Professional** licensed by SAP and imbedded in Oracle Retail Store Inventory Management.

(vi) the software component known as **Access Via™** licensed by Access Via of Seattle, Washington, and imbedded in Oracle Retail Signs and Oracle Retail Labels and Tags.

(vii) the software component known as **Adobe Flex™** licensed by Adobe Systems Incorporated of San Jose, California, and imbedded in Oracle Retail Promotion Planning & Optimization application.

(viii) the software component known as **Style Report™** developed and licensed by InetSoft Technology Corp. of Piscataway, New Jersey, to Oracle and imbedded in the Oracle Retail Value Chain Collaboration application.

(ix) the software component known as **DataBeacon™** developed and licensed by Cognos Incorporated of Ottawa, Ontario, Canada, to Oracle and imbedded in the Oracle Retail Value Chain Collaboration application.

You acknowledge and confirm that Oracle grants you use of only the object code of the VAR Applications. Oracle will not deliver source code to the VAR Applications to you. Notwithstanding any other term or condition of the agreement and this ordering document, you shall not cause or permit alteration of any VAR Applications. For purposes of this section, “alteration” refers to all alterations, translations, upgrades, enhancements, customizations or modifications of all or any portion of the VAR Applications including all reconfigurations, reassembly or reverse assembly, re-engineering or reverse engineering and recompilations or reverse compilations of the VAR Applications or any derivatives of the VAR Applications. You acknowledge that it shall be a breach of the agreement to utilize the relationship, and/or confidential information of the VAR Applications for purposes of competitive discovery.

The VAR Applications contain trade secrets of Oracle and Oracle’s licensors and Customer shall not attempt, cause, or permit the alteration, decompilation, reverse engineering, disassembly or other reduction of the VAR Applications to a human perceivable form. Oracle reserves the right to replace, with functional equivalent software, any of the VAR Applications in future releases of the applicable program.



---

---

# Contents

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



---

---

# Send Us Your Comments

Oracle Retail Merchandising, Batch Schedule, Release 12.0.11

Oracle welcomes customers' comments and suggestions on the quality and usefulness of this document.

Your feedback is important, and helps us to best meet your needs as a user of our products. For example:

- Are the implementation steps correct and complete?
- Did you understand the context of the procedures?
- Did you find any errors in the information?
- Does the structure of the information help you with your tasks?
- Do you need different information or graphics? If so, where, and in what format?
- Are the examples correct? Do you need more examples?

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

---

**Note:** Before sending us your comments, you might like to check that you have the latest version of the document and if any concerns are already addressed. To do this, access the new Applications Release Online Documentation CD available on My Oracle Support and [www.oracle.com](http://www.oracle.com). It contains the most current Documentation Library plus all documents revised or released recently.

---

Send your comments to us using the electronic mail address: [retail-doc\\_us@oracle.com](mailto:retail-doc_us@oracle.com)

Please give your name, address, electronic mail address, and telephone number (optional).

If you need assistance with Oracle software, then please contact your support representative or Oracle Support Services.

If you require training or instruction in using Oracle software, then please contact your Oracle local office and inquire about our Oracle University offerings. A list of Oracle offices is available on our Web site at [www.oracle.com](http://www.oracle.com).



---

---

# 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 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

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

If you are installing the application for the first time, you install either a base release (for example, 12.0) or a later patch release (for example, 12.0.10). If you are installing a software version other than the base release, be sure to read the documentation for each patch release (since the base release) before you begin installation. Patch documentation can contain critical information related to the base release and code changes that have been made since the base release.

## Oracle Retail Documentation on the Oracle Technology Network

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

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

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

## Conventions

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

---

---

**Note:** This is a note. It is used to call out information that is important, but not necessarily part of the procedure.

---

---

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

[A hyperlink appears like this.](#)

---

---

# Introduction to Merchandising Batch Processing

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

## Batch Processing

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

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

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

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

## Types of Batch Programs

Oracle Retail batch programs are of several types:

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

## Batch Window

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

## Batch Schedule and Phases

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

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

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

## Merchandising Batch Schedule

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

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

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

---

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

---

## Program List

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

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

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

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

The program list is grouped in the following order:

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

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

## Batch Schedule Diagram

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

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

- RMS, RTM, ReIM
- ReSA
- RPM

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

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

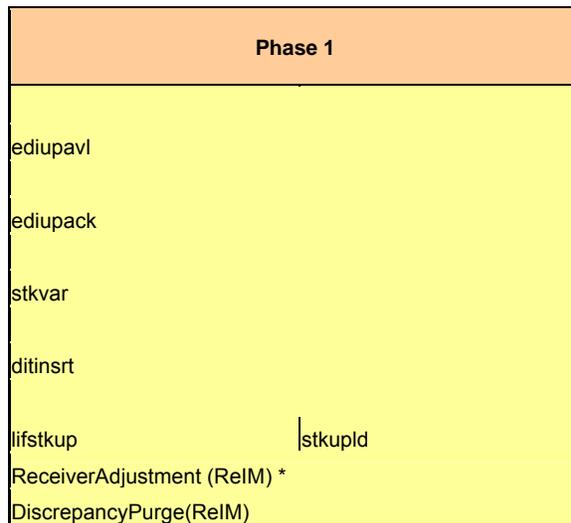
The following are brief descriptions of the Merchandising batch processing phases. Depending on your implementation, some programs and phases may not apply.

| Phase   | Description   |
|---------|---|
| Phase 0 | The first phase performs essential table maintenance including: <ul style="list-style-type: none"> <li>▪ Daily purges</li> <li>▪ Updates to currency exchange rates</li> <li>▪ Updates to value-added tax (VAT) data</li> </ul> |
| Phase 1 | This phase prepares the tables for interfacing with external systems in Phase 2. Among other programs, the stock variance (stkvar) batch program is run to update stock counts.   |
| Phase 2 | During this phase, information is uploaded from external interfaces, including point of sale (POS) data (posupld batch program).  |
| Phase 3 | In this phase, the main RMS processing programs are run for purchasing, ordering, stock ledger, deals, and replenishment.   |
| Phase 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    | Description  |
|----------|--|
| 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><b>Note:</b> The date set phase should be the very last phase to run. Even the ad hoc programs should be run before the date set program. |

Read the batch schedule diagram from left to right. In the following example, any of the programs (ediupavl, ediupack, stkvar, ditinsrt, lifstkup, ReceiverAdjustment, DiscrepancyPurge) can start at the same time; however, the stkupld program cannot start until the lifstkup program is successfully completed.

Sequence -----▶



## ReSA Section

This section diagrams the ReSA programs and their dependencies.

## RPM Section

This section diagrams the RPM programs and their dependencies.

## Notations in the Batch Schedule Diagram

### Pipes

Pipes are vertical bars ( | ) that represent the dependencies within a phase. Reading left to right, a pipe indicates that one or more programs to the right depend upon completion of one or more programs to the left.

In the following example, the stkupld module depends on the lifstkup module; that is, the stkupld module can be run only after successful completion of the lifstkup module.

|          |         |
|----------|---------|
| lifstkup | stkupld |
|----------|---------|

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

|        |                    |
|--------|--------------------|
| ociroq | cntrordb<br>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<br>cntrprss | ibcalc |
|--------------------|--------|

### Abbreviations

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

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

### Footnotes

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

## prepost Program

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

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

In the following example, pre-processing is required before running the ociroq program.

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

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.

|            |               |             |
|------------|---------------|-------------|
| <b>pre</b> | <b>stkupd</b> | <b>post</b> |
|------------|---------------|-------------|

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

|               |             |
|---------------|-------------|
| <b>sccext</b> | <b>post</b> |
|---------------|-------------|

## Modifications to the Batch Schedule

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

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

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

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

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





|             |                           |   |                  |            |  |                         |         |   |   |
|-------------|---------------------------|---|------------------|------------|--|-------------------------|---------|---|---|
| invprg      | Invoice Matching          | N | N/A              | ad hoc     | ordprg   | N/A                     | monthly | R | invprg user/passwd  |
| lcardnd     | Letter of Credit          | N | N/A              | 4          | N/A  | lcm700 (perl script)    | daily   | R | lcardnd user/passwd output_file   |
| lcardnd     | Maintenance - Location    | N | N/A              | ad hoc     | storeadc   | N/A                     | monthly | R | lcardnd user/passwd   |
| lcmdnd      | Letter of Credit          | N | N/A              | 4          | N/A  | lcm707 (perl script)    | daily   | R | lcmdnd user/passwd output_file  |
| lcup798     | Letter of Credit          | N | N/A              | 2          | lcm798 (perl script)                               | N/A                     | daily   | R | lcup798 user/passwd input_file rej_file   |
| lcupld      | Letter of Credit          | N | N/A              | 2          | lcm730 (perl script)                               | N/A                     | daily   | R | lcupld user/passwd input_file rej_file  |
| lftskup     | Stock Ledger              | N | File-based       |            | inv_bal_upload.sh (warehouse mgmt program)         | stakupld                | daily   | N | lftskup user/passwd input_file output_file  |
| likestore   | Maintenance - Location    | Y | Dept             | ad hoc     | storeadc   | prepost likestore pos   | daily   | R | likestore user/passwd   |
| mrt         | Mass Return Transfers     | Y | Warehouse        | 2          | N/A  | mrttrv                  | daily   | R | mrt user/passwd   |
| mntprg      | Mass Return Transfers     | Y | Warehouse        | ad hoc     | N/A  | mrtupd                  | ad hoc  | R | mntprg user/passwd  |
| mrttrv      | Mass Return Transfers     | Y | Warehouse        | 2          | mrt  | mrtupd                  | daily   | R | mrttrv user/passwd  |
| mrtupd      | Mass Return Transfers     | Y | Warehouse        | 2          | mrttrv   | N/A                     | daily   | R | mrtupd user/passwd  |
| nwppurge    | Stock Ledger              | N | N/A              | ad hoc     | N/A  | N/A                     | ad hoc  | N | nwppurge user/passwd  |
| nwpyearend  | Stock Count               | Y | Location         | 4          | run on last day of yea                             | N/A                     | yearly  | R | nwpyearend user/passwd  |
| ociroq      | Replenishment             | N | N/A              | 3          | repladj  | N/A                     | daily   | R | ociroq user/passwd  |
| onordext    | Planning System Interface | Y | Transfer         | 4          | onordext   | onordnd                 | weekly  | R | onordext user/passwd datefil  |
| onordnd     | Planning System Interface | Y | Store/Wh         | 4          | onordext   | N/A                     | daily   | R | onordnd user/passwd   |
| onordext    | Planning System Interface | Y | Order            | 4          | prepost onordext prt                               | onordext                | daily   | R | onordext user/passwd datefil  |
| ordautcl    | Ordering                  | N | N/A              | ad hoc     | N/A  | N/A                     | daily   | N | ordautcl user/passwd  |
| orddscnt    | Deals                     | Y | Supplier         | 4          | discotbapply                                       | dealcals                | daily   | R | orddscnt user/passwd  |
| ordprg      | Ordering                  | N | N/A              | ad hoc     | N/A  | invprg                  | monthly | N | ordprg user/passwd  |
| ordrev      | Ordering                  | N | N/A              | 4          | orddscnt   | edidlord                | daily   | R | ordrev user/passwd  |
| ordupd      | Ordering                  | N | N/A              | 4          | scocext  | otbdlord                | daily   | N | ordupd user/passwd  |
| otbdlord    | OTB                       | N | N/A              | 4          | otbdlord   | otbdlord                | daily   | R | otbdlord user/passwd output_file  |
| otbdisal    | OTB                       | N | N/A              | 4          | ordupd   | N/A                     | daily   | R | otbdisal user/passwd output_file  |
| otbdnd      | OTB                       | N | N/A              | 4          | ordupd   | N/A                     | daily   | R | otbdnd user/passwd output_file  |
| otbprg      | OTB                       | N | N/A              | ad hoc     | N/A  | N/A                     | monthly | N | otbprg user/passwd  |
| otbupfwd    | OTB                       | Y | File-based       | ad hoc     | N/A  | N/A                     | daily   | R | otbupfwd user/passwd input_file reject_fik  |
| otbupkd     | OTB                       | Y | File-based       | ad hoc     | N/A  | N/A                     | daily   | R | otbupkd user/passwd input_file reject_fik   |
| poscndnd    | Point of Sale Interface   | N | N/A              | 4          | poscndnd   | prepost poscndnd post   | daily   | R | poscndnd user/passwd outputfil  |
| poscndnd    | Point of Sale Interface   | N | Store            | ad hoc     | N/A  | prepost poscndnd post   | daily   | R | poscndnd user/passwd output_filename  |
| posgpdld    | Point of Sale Interface   | Y | N/A              | 4          | recldsty   | N/A                     | daily   | R | posgpdld user/passwd output_file  |
| posupld     | Sales                     | Y | File-based       | 2          | saexprms(ReSA)                                     | prepost posupld post    | daily   | R | posupld user/passwd infile rejfile varfile itemfile lockfile  |
| precostcalc | Deals                     | Y | Supplier         | 2          | prepost precostcalc pre                            | costcalc                | daily   | R | precostcalc user/passwd supplier (May use the batch_precostcalc.ksh for launching this program as it is created based on performance considerations)  |
| prepost     | Pre/post functionality    | N | N/A              | all phases | N/A  | N/A                     | daily   | N | prepost user/passwd program_pre_or_pos  |
| recldsty    | Item Maintenance          | Y | Reclass no       | 4          | cremhierdy   | prepost recldsty post   | daily   | R | recldsty user/passwd process_modt   |
| repladj     | Replenishment             | Y | Dept             | 3          | rplatupd   | reque                   | daily   | R | repladj user/passwd   |
|             |                           |   |                  |            | posupld  | rplex                   |         |   |   |
|             |                           |   |                  |            | rplatupd   |                         |         |   |   |
|             |                           |   |                  |            | repladj  |                         |         |   |   |
|             |                           |   |                  |            | prepost ociroq pre                                 |                         |         |   |   |
| reque       | Replenishment             | Y | Partition (Item) | 3          | prepost reque pre                                  | prepost reque post      | daily   | R | reque user/passwd partition_position (May use the batch_reque.ksh for launching this program as it is created based on performance considerations)  |
| rilmaint    | Replenishment             | Y | Location         | 3          | storeadc   | prepost rilmaint post   | daily   | R | rilmaint username/password  |
|             |                           |   |                  |            | rplatupd   | repladj                 |         |   |   |
|             |                           |   |                  |            | rplaplt  |                         |         |   |   |
|             |                           |   |                  |            | supcnstr   |                         |         |   |   |
| rplapprv    | Replenishment             | N | N/A              | 3          | prepost rplapprv pre                               | N/A                     | daily   | R | rplapprv user/passwd  |
|             |                           |   |                  |            | prepost rplatupd post                              |                         |         |   |   |
|             |                           |   |                  |            | repladj  |                         |         |   |   |
|             |                           |   |                  |            | rplex  |                         |         |   |   |
| rplatupd    | Replenishment             | Y | Location         | 3          | prepost rplatupd pre                               | reque                   | daily   | R | rplatupd user/passwd  |
|             |                           |   |                  |            | ibcalc   |                         |         |   |   |
|             |                           |   |                  |            | rplex  |                         |         |   |   |
|             |                           |   |                  |            | critprss   |                         |         |   |   |
|             |                           |   |                  |            | vrpbld   |                         |         |   |   |
| rpblid      | Replenishment             | Y | Supplier         | 3          | ibexpl   | prepost rpblid post     | daily   | R | rpblid username/password  |
|             |                           |   |                  |            | prepost rplex post                                 |                         |         |   |   |
|             |                           |   |                  |            | critprss(If contracting is used, otherwise run ... |                         |         |   |   |
|             |                           |   |                  |            | rplatupd   |                         |         |   |   |
|             |                           |   |                  |            | rilmaint   |                         |         |   |   |
|             |                           |   |                  |            | repladj  |                         |         |   |   |
|             |                           |   |                  |            | reque  |                         |         |   |   |
| rplex       | Replenishment             | Y | Dept             | 3          | prepost rplex post                                 | rpblid                  | daily   | N | rplex user/passwd dept (May use the batch_rplex.ksh for launching this program as it is created based on performance considerations)  |
| rpbrg       | Replenishment             | N | N/A              | ad hoc     | N/A  | prepost rpbrg post)     | daily   | R | rpbrg user/passwd   |
| rpbrg_month | Replenishment             | N | N/A              | ad hoc     | N/A  | N/A                     | monthly | N | rpbrg_month user/passwd   |
| rpplpit     | Replenishment             | Y | Supplier         | 3          | supcnstr   | rplapprv                | daily   | R | rpplpit user/passwd   |
| rvmmovavg   | Pricing                   | Y | Store            | 3          | saestage   | N/A                     | daily   | R | rvmmovavg user/passwd business_date(YYYYMMDD) store/options   |
| rvprg       | RTV                       | N | N/A              | ad hoc     | N/A  | N/A                     | monthly | N | rvprg user/passwd   |
| sacrypt     | Sales Audit               | Y | Store/Day        | SA         | sagetref   | N/A                     | daily   | N | sacrypt user/passwd infile outfile key_e/d (Encryption/Decryption indicated)  |
| saescheat   | Sales Audit               | N | N/A              | SA         | satotals   | saexpm                  | monthly | R | saescheat user/passwd   |
|             |                           |   |                  |            | saescheat  | sapurge                 |         |   |   |
| saexpach    | Sales Audit               | N | N/A              | SA         | saescheat  | N/A                     | daily   | R | saexpach user/passwd  |
|             |                           |   |                  |            | satotals   |                         |         |   |   |
|             |                           |   |                  |            | saescheat  |                         |         |   |   |
| saexpgl     | Sales Audit               | N | N/A              | SA         | sapreexp   | N/A                     | daily   | R | saexpgl user/passwd   |
|             |                           |   |                  |            | satotals   |                         |         |   |   |
| saexpm      | Sales Audit               | N | N/A              | SA         | sapreexp   | N/A                     | daily   | R | saexpm user/passwd  |
| saexpdrw    | Sales Audit               | Y | Store            | SA         | saescheat  | N/A                     | daily   | R | saexpdrw user/passwd ; perl resa2rdw inputfile outputfil  |
|             |                           |   |                  |            | sapreexp   |                         |         |   |   |
|             |                           |   |                  |            | satotals   |                         |         |   |   |
| saexprms    | Sales Audit               | Y | Store            | SA         | sapreexp   | saprepost saexprms post | daily   | R | saexprms user/passwd  |
|             |                           |   |                  |            | satotals   |                         |         |   |   |
|             |                           |   |                  |            | saescheat  |                         |         |   |   |
| saexpuar    | Sales Audit               | N | N/A              | SA         | saescheat  | N/A                     | daily   | R | saexpuar user/passwd  |
|             |                           |   |                  |            | saescheat  |                         |         |   |   |
| sagetref    | Sales Audit               | N | N/A              | SA         | sastdyr  | saimplog                | daily   | R | sagetref user/passwd itemfile wastefile ref_itemfile prim_varianfile varupdfile storedayfile codesfile errorfile ccvaf storeprofile tendertypefile merchcodefile 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       | saimplogfn   | satotals   | daily                  | R | saimpadj user/passwd input_file rej_file   |
| saimplog        | Sales Audit              | Y | Store/Day   | SA       | sagetref<br>saprotest saimplog pre   | saiprepost saimplog post<br>(Use sqj Loader to load data into ReSA tables)   | daily                  | N | saimplog user/pw infile badfile itemfile wactefile reftemfile primvariantfile varupfile storedayfile promfile codesfile errorfile cvalfile storeposfile tendertypefile merchcodefile partnerfile supplierfile employefile bannerfile |
| saimplogfn      | Sales Audit              | N | N/A         | SA       | saivouch   | satotals   | daily                  | R | saimplogfn user/passwd store_day_file  |
| saimplogdup_upd | Sales Audit              | N | Store/Day   | SA       | salstage<br>fifgldn1   | N/A  | after store day delete | R | saimplogdup_upd user/passwd storedayfile storeposfil   |
| salapnd         | Stock Ledger             | N | N/A         | 3        | fifgldn2   | N/A  | daily                  | R | salapnd user/passwd  |
| saldly          | Stock Ledger             | Y | Store/Wh    | 3        | salstage   | salweek  | daily                  | R | saldly user/passwd   |
| saltech         | Stock Ledger             | Y | Dept        | 3        | salmth   | N/A  | half yearly            | N | saltech user/passwd  |
| salins          | Sales                    | N | N/A         | 0        | N/A  | N/A  | daily                  | R | salins user/passwd   |
| salmaint        | Stock Ledger             | N | N/A         | ad hoc   | N/A  | N/A  | half yearly            | N | salmaint user/passwd pre_or_post   |
|                 |                          |   |             |          | pre_owj_extract.ksh(RMS to RDW RETL Extract)   | prepost salmth post  | monthly                | R | salmth user/passwd   |
| salmth          | Stock Ledger             | Y | Dept        | 3        | N/A  | N/A  | daily                  | N | salprg user/passwd   |
| salprg          | Stock Ledger             | N | N/A         | ad hoc   | N/A  | saldly<br>salapnd<br>salweek<br>dealfct<br>rpmmovavg<br>fifgldn1<br>fifgldn2 | daily                  | R | salprg user/passwd   |
| salstage        | Stock Ledger             | N | N/A         | 3        | posupld<br>saldly<br>stkdy<br>salapnd<br>prepost salweek pre<br>dealfct<br>dealinc<br>vendinvc | salmth<br>prepost salweek post   | daily                  | N | salstage user/passwd   |
| salweek         | Stock Ledger             | Y | Dept        | 3        | vendinvf   | salmth   | weekly                 | R | salweek user/passwd  |
| sapreexp        | Sales Audit              | N | N/A         | SA       | SA audit process   | N/A  | daily                  | R | saprexp user/passwd  |
| saprotest       | Sales Audit              | N | N/A         | SA       | N/A  | N/A  | daily                  | N | saprotest user/passwd program pre_or_pos   |
|                 |                          |   |             |          | saprepost sapurge pre  |  |                        |   |  |
| 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 user/passwd deleted_items_file [optional list of store days to be deleted]   |
| sarules         | Sales Audit              | N | N/A         | SA       | saetotals  | saescheat  | daily                  | R | sarules user/passwd store_no   |
| saetdyr         | Sales Audit              | N | N/A         | date_set | program and before the next store/day's transactions are received)                             | dtesys   | daily                  | R | saetdyr user/passwd [YYYYMMDD]   |
| satotals        | Sales Audit              | N | N/A         | SA       | saimplogfn   | sarules  | daily                  | R | satotals user/passwd store_nx  |
| saivouch        | Sales Audit              | N | N/A         | SA       | saimplog (and its SQL Load process   | saimplogfn   | daily                  | R | saivouch user/passwd infile rejfile tendertype_fil   |
| scocext         | Costing                  | Y | Cost change | 3        | csstidex.ksh (RMS to RDW RETL extract)   | prepost scocext post   | daily                  | R | scocext user/passwd  |
| schedprg        | Organizational Hierarchy | N | N/A         | ad hoc   | N/A  | N/A  | monthly                | R | schedprg user/passwd   |
| stmain          | Item Maintenance         | N | N/A         | ad hoc   | icrblid  | N/A  | ad hoc                 | R | stmain user/passwd   |
| southnd         | Forecasting              | Y | Domain Id   | 4        | N/A  | N/A  | daily                  | R | southnd user/passwd  |
| stkdy           | Stock Ledger             | Y | Dept        | 3        | stkvar   | salweek  | daily                  | R | stkdy user/passwd  |
| stkprg          | Stock Ledger             | N | N/A         | ad hoc   | N/A  | prepost stkprg post  | monthly                | N | stkprg user/passwd   |
| stkachedxpld    | Stock Ledger             | Y | Location    | 0        | prepost stkupd pre   | stkupld  | daily                  | R | stkachedxpld user/passwd   |
| stkupld         | Stock Ledger             | Y | Location    | 3        | stkupld  | prepost stkupd post  | daily                  | R | stkupld user/passwd  |
| stkupld         | Stock Ledger             | Y | Dept        | 1        | ilfstup  | N/A  | daily                  | R | stkupld user/passwd input_file reject_fil  |
| stkvar          | Stock Ledger             | Y | Dept        | 1        | N/A  | N/A  | daily                  | R | stkvar user/passwd   report_file_name  |
| stkxpdl         | Stock Ledger             | Y | Dept        | 3        | stkachedxpld   | stkupld  | daily                  | R | stkxpdl user/passwd  |
| stgdnld         | Stock Ledger             | Y | Dept        | 4        | N/A  | N/A  | weekly                 | R | stgdnld user/passwd input_file   |
| storeadd        | Maintenance - Location   | N | N/A         | ad hoc   | likestore  | likestore  | daily                  | R | storeadd user/passwd   |
| supcnstr        | Replenishment            | N | N/A         | 3        | rpblid   | rpblid   | daily                  | R | supcnstr user/passwd   |
| supmth          | Stock Ledger             | Y | Dept        | 3        | prepost rpblid post  | prepost supmth post  | monthly                | R | supmth user/passwd   |
| tamperctn       | Receiving                | N | N/A         | ad hoc   | N/A  | N/A  | ad hoc                 | N | tamperctn user/passwd  |
| tcktdnld        | Maintenance              | N | N/A         | ad hoc   | N/A  | N/A  | daily                  | R | tcktdnld user/passwd filename_print_online_ind_days_in_advance  locator  |
| tfposdn         | Sales Tax                | N | N/A         | 4        | trposdn  | prepost tfposdn post   | daily                  | R | tfposdn user/passwd output_file  |
| trangupl        | Trades Management        | Y | File-based  | ad hoc   | N/A  | N/A  | daily                  | R | trangupl user/passwd infile  |
| tsfrpg          | Transfers                | N | N/A         | ad hoc   | prepost tsfrpg pre   | N/A  | monthly                | R | tsfrpg user/passwd   |
| trxposdn        | Point of Sale Interface  | N | N/A         | 4        | N/A  | tfposdn  | daily                  | R | trxposdn user/passwd   |
| trrupld         | Sales Tax                | N | N/A         | 4        | N/A  | N/A  | ad hoc                 | R | trrupld username/password input_file reject_fil  |
| vadtxpl         | Maintenance - VAT        | Y | Vat Region  | 0        | N/A  | prepost vadtxpl pos  | daily                  | R | vadtxpl user/passwd  |
|                 |                          |   |             |          | dealfct<br>salstage(f daily)   | prepost vendinvc post<br>salweek(f weekly)                                   |                        |   |  |
| vendinvc        | Deals                    | Y | Deal Id     | 3        | prepost vendinvc pre   | salmth (f monthly)   | daily                  | R | vendinvc user/passwd   |
|                 |                          |   |             |          | prepost vendinvf post  | salstage(f daily)  |                        |   |  |
| vendinvf        | Deals                    | Y | Deal Id     | 3        | prepost vendinvf pre   | salmth (f monthly)   | daily                  | R | vendinvf user/passwd   |
| vrpblid         | Replenishment            | Y | Supplier    | 2        | edupack  | prepost vrpblid post   | daily                  | R | vrpblid user/passwd  |
| wasteadj        | Stock Ledger             | Y | Store       | 3        | N/A  | stkupld  | daily                  | R | wasteadj user/passwd   |
| whadd           | Maintenance - Location   | N | N/A         | ad hoc   | N/A  | N/A  | daily                  | R | whadd user/passwd  |
| whstrag         | Maintenance - Location   | N | N/A         | 3        | (Must be run after all replenishment batch programs).  | prepost whstrag post   | daily                  | R | whstrag user/passwd  |

### RPM Dependency and Scheduling Details

| Program Name                  | Functional Area                  | Threaded | Driver         | Phase | Pre-dependency                             | Post-dependency                               | Timing       | Uses Restart/Recovery | Run Parameters for Programs   |
|-------------------------------|----------------------------------|----------|----------------|-------|--|---|--------------|-----------------------|---|
| FutureReclassBatch            | Future Retail                    | N        | N/A            | N/A   | recldy(RMS)                                | NewItemLocBatch                               | daily/ad hoc | N                     | itemReclassBatch.sh rpm-app-userid password                             |
| NewItemLocBatch               | Future Retail                    | N        | N/A            | N/A   | storeadd(RMS), ItemReclassBatch            | LocationMoveBatch<br>PriceEventExecutionBatch | daily/ad hoc | N                     | NewItemLocBatch.sh rpm-app-userid password [status [error-commit-count] |
| 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   | N/A  | PriceEventExecutionDealsBatch                 | daily        | N                     | priceEventExecutionRMSBatch.sh rpm-app-userid password                  |
| PriceEventExecutionDealsBatch | Price Change/Clearance/Promotion | Y        | Pricing event  | N/A   | PriceEventExecutionRMSBatch                | MerchExtractKickOffBatch                      | daily        | N                     | priceEventExecutionDealsBatch.sh rpm-app-userid password                |
| PriceStrategyCalendarBatch    | Price Strategy                   | N        | N/A            | N/A   | N/A  | MerchExtractKickOffBatch                      | daily        | N                     | priceStrategyCalendarBatch.sh rpm-app-userid password                   |
| WorksheetAutoApproveBatch     | Pricing Worksheet                | Y        | Price strategy | N/A   | N/A  | MerchExtractKickOffBatch                      | daily        | N                     | worksheetAutoApproveBatch.sh rpm-app-userid password                    |

|   |                                  |   |                        |     |     |  |                                   |              |   |  |   |
|---|----------------------------------|---|------------------------|-----|-----|--|-----------------------------------|--------------|---|--|---|
|   |                                  |   |                        |     |     | PriceEventExecutionBatch<br>storeadd (RMS)   |                                   |              |   |  |   |
| MerchExtractKickOffBatch                      | Pricing Worksheet                | Y | Price strategy         | N/A | N/A | WorksheetAutoApproveBatch<br>PriceStrategyCalendarBatch<br>MerchExtractKickOffBatch<br>WorksheetAutoApproveBatch | N/A                               | daily        | N |  | merchExtractKickOffBatch.sh rpm-app-userid password   |
| RPMTtoORPOSPublishBatch.sh                    | Price Change/Clearance/Promotion | N | N/A                    | N/A | N/A | WorksheetAutoApproveBatch  | N/A                               | daily        | N |  | ksh RPMTtoORPOSPublishBatch.sh <userid/passwd@sid > <log path> <error path>                     |
| RPMTtoORPOSPublishExport.sh                   | Price Change/Clearance/Promotion | Y | Location               | N/A | N/A | RPMTtoORPOSPublishBatch.sh   | N/A                               | daily        | N |  | ksh RPMTtoORPOSPublishExport.sh <userid/passwd@sid > <Number of slots> <log path> <Export path> |
| RegularPriceChangePublishBatch                | Regular Price Changes            | Y | Price event (item/loc) | N/A | 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 | N/A | WorksheetAutoApproveBatch  | RegularPriceChangePublishExport   | daily/ad hoc | N |  | regularPriceChangePublishExport.sh rpm-db-userid/pwd@database [export-path]                     |
| ClearancePriceChangePublishBatch              | Clearances                       | Y | Price event (item/loc) | N/A | N/A | WorksheetAutoApproveBatch  | ClearancePriceChangePublishExport | daily/ad hoc | N |  | clearancePriceChangePublishBatch.sh rpm-app-userid password                                     |
| ClearancePriceChangePublishExport             | Clearances                       | N | Price event (item/loc) | N/A | N/A | ClearancePriceChangePublishBatch   | ClearancePriceChangePublishExport | daily/ad hoc | N |  | clearancePriceChangePublishExport.sh rpm-db-userid/pwd@database [export-path]                   |
| PromotionPriceChangePublishBatch              | Promotions                       | Y | Price event (item/loc) | N/A | N/A | WorksheetAutoApproveBatch  | PromotionPriceChangePublishExport | daily/ad hoc | N |  | promotionPriceChangePublishBatch.sh rpm-app-userid password                                     |
| PromotionPriceChangePublishExport             | Promotions                       | N | Price event (item/loc) | N/A | N/A | PromotionPriceChangePublishBatch   | PromotionPriceChangePublishExport | daily/ad hoc | N |  | promotionPriceChangePublishExport.sh rpm-db-userid/pwd@database [export-path]                   |
| PriceChangeAutoApproveResultsPurgeBatch       | Purge                            | N | N/A                    | N/A | N/A | N/A  | N/A                               | daily/ad hoc | N |  | priceChangeAutoApproveResultsPurgeBatch.sh rpm-app-userid password                              |
| PriceChangePurgeBatch                         | Purge                            | N | N/A                    | 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  | N/A                               | daily/ad hoc | N |  | priceChangePurgeWorkspaceBatch.sh rpm-app-userid password                                       |
| PromotionPurgeBatch                           | Purge                            | N | N/A                    | 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  | N/A                               | daily/ad hoc | N |  | purgeExpiredExecutedOrApprovedClearancesBatch.sh rpm-app-userid password                        |
| PurgeUnusedAndAbandonedClearancesBatch        | Purge                            | N | N/A                    | 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  | N/A                               | daily/ad hoc | N |  | purgeLocationMovesBatch.sh rpm-app-userid password  |
| ZoneFutureRetailPurgeBatch                    | Purge                            | N | N/A                    | 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  | N/A                               | ad hoc       | N |  | itemLocDeleteBatch.sh rpm-app-userid password   |
| priceChangeAreaDifferentialBatch              | Price Change                     | Y | N/A                    | N/A | N/A | N/A  | N/A                               | ad hoc       | N |  | priceChangeAreaDifferentialBatch rpm-app-userid password  |

### ReIM Dependency and Scheduling Details

| Program Name          | Functional Area         | Threaded | Driver | Phase | Pre-dependency              | Post-dependency | Timing | Uses Restart/Recovery | Run Parameters for Programs  |
|-----------------------|-------------------------|----------|--------|-------|-----------------------------|-----------------|--------|-----------------------|--|
| reimautomatch         | Invoice Matching (ReIM) | Y        | N/A    | 6     | NA                          | reimrollup      | daily  | R                     | Userid/passwd  |
| reimpurge             | Invoice Matching (ReIM) | N        | N/A    | 0     | N/A                         | reimposting     | daily  | R                     | Userid/passwd  |
| reimcomplexdealupload | Invoice Matching (ReIM) | Y        | N/A    | 5     | vendirvc(RMS), vendirv(RMS) | reimautomatch   | daily  | R                     | Userid/passwd BlockSize PartitionNo                                  |
| reimdiscrepancyurge   | Invoice Matching (ReIM) | N        | N/A    | 1     | N/A                         | reimrollup      | daily  | R                     | Userid/passwd  |
| reimediinupload       | Invoice Matching (ReIM) | Y        | N/A    | 5     | edidlinv(RMS)               | reimautomatch   | daily  | R                     | Userid/passwd "EDI input file with path" "EDI reject file with path" |
| reimediindownload     | Invoice Matching (ReIM) | N        | N/A    | 7     | reimposting                 | N/A             | daily  | R                     | Userid/passwd  |
| reimfxkdealupload     | Invoice Matching (ReIM) | Y        | N/A    | 5     | vendirvc(RMS), vendirv(RMS) | reimautomatch   | daily  | R                     | Userid/passwd BlockSize PartitionNo                                  |
| reimrollup            | Invoice Matching (ReIM) | N        | N/A    | 6     | reimautomatch               | reimrollup      | daily  | R                     | Userid/passwd  |
| reimreceiptwriteoff   | Invoice Matching (ReIM) | N        | N/A    | 6     | reimautomatch               | N/A             | daily  | R                     | Userid/passwd  |
| reimposting           | Invoice Matching (ReIM) | N        | N/A    | 1     | reimrollup                  | N/A             | daily  | R                     | Userid/passwd  |

### RMS to RPAS RETL Extracts Dependency and Scheduling Details (EXTRACTS\_FOR\_RPAS)

| Program Name                   | Functional Area                    | Threaded | Driver | Phase | Pre-dependency  | Post-dependency                | Timing | Uses Restart/Recovery | Run Parameters for Programs                                 |
|--------------------------------|------------------------------------|----------|--------|-------|---|--------------------------------|--------|-----------------------|---|
| pre_rmse_rpas.ksh              | Planning/Forecast System Interface | N        | N/A    | N/A   | N/A. This is a pre setup script                                   | N/A                            | daily  | N                     | N/A   |
| rmse_rpas.ksh                  | Planning/Forecast System Interface | N        | N/A    | N/A   | 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>recltdly<br>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<br>recltdly<br>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<br>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>stkdy  | 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   | 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<br>hstkwkupd<br>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<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   | pre_rmse_rpas.ksh   | Refer to RPAS Operations guide | daily  | N                     | N/A   |
| rmsl_rpas_forecast.ksh         | Planning/Forecast System Interface | N        | N/A    | N/A   | pre_rmse_rpas.ksh   | Refer to RPAS Operations guide | daily  | N                     | 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<br>RETL scripts are run | Refer to RPAS Operations guide | daily  | N                     | rmsl_rpas_update_retl_date.ksh CLOSED_ORDER or RECEIVED_QTY |

### RMS to RDW RETL Extracts Dependency and Scheduling Details (EXTRACTS\_FOR\_RDW)

| Dimension source:<br>Program Name | Functional Area | Threaded | Driver | Phase | Pre-dependency                                      | Post-dependency               | Timing | Uses Restart/Recovery | Run Parameters for Programs |
|-----------------------------------|-----------------|----------|--------|-------|---|-------------------------------|--------|-----------------------|-----------------------------|
| cdedtlx.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                         |
| cmprtrmx.ksh                      | RDW interface   | N        | N/A    | N/A   | A, B  | Refer to RDW operations guide | daily  | N                     | N/A                         |
| cmprtrcox.ksh                     | RDW interface   | N        | N/A    | N/A   | A, B  | Refer to RDW operations guide | daily  | N                     | N/A                         |
| cmrcydcx.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                         |
| orgarex.ksh                       | RDW interface   | N        | N/A    | N/A   | A, B, storeadd (RMS), dlyprg (RMS),<br>lcltbl (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),<br>lcltbl (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),<br>lcltbl (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),<br>lcltbl (RMS) | Refer to RDW operations guide | daily  | N                     | N/A                         |
| orglimex.ksh                      | RDW interface   | N        | N/A    | N/A   | A, B, storeadd (RMS), dlyprg (RMS),<br>lcltbl (RMS) | Refer to RDW operations guide | daily  | N                     | N/A                         |

|                  |               |   |     |     |   |                               |       |   |     |
|------------------|---------------|---|-----|-----|---|-------------------------------|-------|---|-----|
| orgloceex.ksh    | RDW interface | N | N/A | N/A | A, B, storeadd (RMS), dlyprg (RMS), lctblid (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), lctblid (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), lctblid (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), lctblid (RMS)     | Refer to RDW operations guide | daily | N | N/A |
| orgrgnex.ksh     | RDW interface | N | N/A | N/A | A, B, storeadd (RMS), dlyprg (RMS), lctblid (RMS)     | Refer to RDW operations guide | daily | N | N/A |
| phasex.ksh       | RDW interface | N | N/A | N/A | A, B  | Refer to RDW operations guide | daily | N | N/A |
| prdclex.ksh      | RDW interface | N | N/A | N/A | A, B, crenhierdly (RMS), reclsdly (RMS), dlyprg (RMS) | Refer to RDW operations guide | daily | N | N/A |
| prdcmpex.ksh     | RDW interface | N | N/A | N/A | A, B  | Refer to RDW operations guide | daily | N | N/A |
| prddex.ksh       | RDW interface | N | N/A | N/A | A, B, crenhierdly (RMS), reclsdly (RMS), dlyprg (RMS) | Refer to RDW operations guide | daily | N | N/A |
| prddifex.ksh     | RDW interface | N | N/A | N/A | A, B, crenhierdly (RMS), reclsdly (RMS), dlyprg (RMS) | Refer to RDW operations guide | daily | N | N/A |
| prddivex.ksh     | RDW interface | N | N/A | N/A | A, B, crenhierdly (RMS), reclsdly (RMS), dlyprg (RMS) | Refer to RDW operations guide | daily | N | N/A |
| prddtypex.ksh    | RDW interface | N | N/A | N/A | A, B, crenhierdly (RMS), reclsdly (RMS), dlyprg (RMS) | Refer to RDW operations guide | daily | N | N/A |
| prdgrpex.ksh     | RDW interface | N | N/A | N/A | A, B, crenhierdly (RMS), reclsdly (RMS), dlyprg (RMS) | Refer to RDW operations guide | daily | N | N/A |
| prdslex.ksh      | RDW interface | N | N/A | N/A | A, B  | Refer to RDW operations guide | daily | N | N/A |
| prdtmex.ksh      | RDW interface | N | N/A | N/A | A, B, crenhierdly (RMS), reclsdly (RMS), dlyprg (RMS) | Refer to RDW operations guide | daily | N | N/A |
| prdtmlex.ksh     | RDW interface | N | N/A | N/A | A, B, crenhierdly (RMS), reclsdly (RMS), dlyprg (RMS) | Refer to RDW operations guide | daily | N | N/A |
| prdtmimex.ksh    | RDW interface | N | N/A | N/A | A, B, crenhierdly (RMS), reclsdly (RMS), dlyprg (RMS) | Refer to RDW operations guide | daily | N | N/A |
| prdtmimex.ksh    | RDW interface | N | N/A | N/A | A, B  | Refer to RDW operations guide | daily | N | N/A |
| prdtmimex.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, crenhierdly (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, crenhierdly (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, crenhierdly (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  | 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 |
| regnrtbex.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 |
| substratypex.ksh | RDW interface | N | N/A | N/A | A, B  | Refer to RDW operations guide | daily | N | N/A |
| supctrex.ksh     | RDW interface | N | N/A | N/A | A, B, cntnmain (RMS)                                  | Refer to RDW operations guide | daily | N | N/A |
| supsupex.ksh     | RDW interface | N | N/A | N/A | A, B, cntnmain (RMS)                                  | Refer to RDW operations guide | daily | N | N/A |
| suptrmex.ksh     | RDW interface | N | N/A | N/A | A, B, cntnmain (RMS)                                  | Refer to RDW operations guide | daily | N | N/A |
| suprtex.ksh      | RDW interface | N | N/A | N/A | A, B, cntnmain (RMS)                                  | Refer to RDW operations guide | daily | N | N/A |
| indrtypex.ksh    | RDW interface | N | N/A | N/A | A, B  | Refer to RDW operations guide | daily | N | N/A |
| tlitypex.ksh     | RDW interface | N | N/A | N/A | A, B  | Refer to RDW operations guide | daily | N | N/A |

| Program Name        | Functional Area | Threaded | Driver | Phase | Pre-dependency  | Post-dependency               | Timing | Uses Restart/Recovery | Run Parameters for Programs                          |
|---------------------|-----------------|----------|--------|-------|---|-------------------------------|--------|-----------------------|--|
| cmprtrpcoldex.ksh   | RDW interface   | N        | N/A    | N/A   | B   | Refer to RDW operations guide | daily  | N                     | cmprtrpcoldex.ksh output_file_path/output_file_name  |
| csstidex.ksh        | RDW interface   | N        | N/A    | N/A   | C   | Refer to RDW operations guide | daily  | N                     | csstidex.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    |
| invldex.ksh         | RDW interface   | N        | N/A    | N/A   | C, salstage (RMS), mrt (RMS), ordrev (RMS)                      | Refer to RDW operations guide | daily  | Y                     | invldex.ksh output_file_path/output_file_name        |
| invldex.ksh         | RDW interface   | N        | N/A    | N/A   | C, salstage (RMS), mrt (RMS)                                    | Refer to RDW operations guide | daily  | N                     | invldex.ksh output_file_path/output_file_name        |
| ivrcpidx.ksh        | RDW interface   | N        | N/A    | N/A   | C, salstage (RMS), mrt (RMS)                                    | Refer to RDW operations guide | daily  | N                     | ivrcpidx.ksh output_file_path/output_file_name       |
| ivridex.ksh         | RDW interface   | N        | N/A    | N/A   | C   | Refer to RDW operations guide | daily  | N                     | ivridex.ksh output_file_path/output_file_name        |
| ivridex.ksh         | RDW interface   | N        | N/A    | N/A   | C, salstage (RMS), mrt (RMS)                                    | Refer to RDW operations guide | daily  | N                     | ivridex.ksh output_file_path/output_file_name        |
| ivridex.ksh         | RDW interface   | N        | N/A    | N/A   | C, salstage (RMS), mrt (RMS)                                    | Refer to RDW operations guide | daily  | N                     | ivridex.ksh output_file_path/output_file_name        |
| lptotidx.ksh        | RDW interface   | N        | N/A    | N/A   | C, saexpdrw (ReSA), resa2rdw                                    | Refer to RDW operations guide | daily  | N                     | lptotidx.ksh output_file_path/output_file_name       |
| lptotidx.ksh        | RDW interface   | N        | N/A    | N/A   | C, saexpdrw (ReSA), resa2rdw                                    | Refer to RDW operations guide | daily  | N                     | lptotidx.ksh output_file_path/output_file_name       |
| ncstulidx.ksh       | RDW interface   | N        | N/A    | N/A   | C, costcalc (RMS)   | Refer to RDW operations guide | daily  | N                     | ncstulidx.ksh output_file_path/output_file_name      |
| post_dwi_temp.ksh   | RDW interface   | N        | N/A    | N/A   | All extract batches   | Refer to RDW operations guide | daily  | N                     | N/A  |
| prcidex.ksh         | RDW interface   | N        | N/A    | N/A   | N/A   | Refer to RDW operations guide | daily  | N                     | prcidex.ksh output_file_path/output_file_name        |
| pre_dwi_extract.ksh | RDW interface   | N        | N/A    | N/A   | A   | operations guide              | daily  | N                     | N/A  |
| pre_dwi_temp.ksh    | RDW interface   | N        | N/A    | N/A   | A   | Refer to RDW operations guide | daily  | N                     | N/A  |
| rplicidx.ksh        | RDW interface   | N        | N/A    | N/A   | C, salstage (RMS)   | Refer to RDW operations guide | daily  | N                     | rplicidx.ksh output_file_path/output_file_name       |
| scvidex.ksh         | RDW interface   | N        | N/A    | N/A   | C, cntnprss (RMS), edliupavl (RMS), rplapprv (RMS)              | Refer to RDW operations guide | daily  | N                     | scvidex.ksh output_file_path/output_file_name        |
| scmidex.ksh         | RDW interface   | N        | N/A    | N/A   | C, salstage (RMS)   | Refer to RDW operations guide | daily  | N                     | scmidex.ksh output_file_path/output_file_name        |
| 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      |
| scridex.ksh         | RDW interface   | N        | N/A    | N/A   | C, salstage (RMS)   | Refer to RDW operations guide | daily  | Y                     | scridex.ksh output_file_path/output_file_name        |
| scridex.ksh         | RDW interface   | N        | N/A    | N/A   | C, rplapprv (RMS), cntnprss (RMS), rpblid (RMS), cntnmain (RMS) | Refer to RDW operations guide | daily  | N                     | scridex.ksh output_file_path/output_file_name        |
| scfildex.ksh        | RDW interface   | N        | N/A    | N/A   | B, msl_rpas_forecast.ksh (RMS) to RPAS extract                  | Refer to RDW operations guide | daily  | N                     | scfildex.ksh output_file_path/output_file_name       |
| slsildex.ksh        | RDW interface   | N        | N/A    | N/A   | C, saexpdrw (ReSA), resa2rdw                                    | Refer to RDW operations guide | daily  | Y                     | slsildex.ksh output_file_path/output_file_name       |
| slsmknilidx.ksh     | RDW interface   | N        | N/A    | N/A   | C, salstage (RMS)   | Refer to RDW operations guide | daily  | N                     | slsmknilidx.ksh output_file_path/output_file_name    |
| sltblmidx.ksh       | RDW interface   | N        | N/A    | N/A   | C, salmath (RMS)  | Refer to RDW operations guide | daily  | N                     | sltblmidx.ksh output_file_path/output_file_name      |
| sltblwex.ksh        | RDW interface   | N        | N/A    | N/A   | C, salweek (RMS)  | Refer to RDW operations guide | daily  | N                     | sltblwex.ksh output_file_path/output_file_name       |
| tlidmex.ksh         | RDW interface   | N        | N/A    | N/A   | C, saexpdrw (ReSA), resa2rdw                                    | Refer to RDW operations guide | daily  | N                     | tlidmex.ksh output_file_path/output_file_name        |
| vhreschdex.ksh      | RDW interface   | N        | N/A    | N/A   | B, savouch (ReSA)   | Refer to RDW operations guide | daily  | N                     | vhreschdex.ksh output_file_path/output_file_name     |
| 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 |
| vchroutwex.ksh      | RDW interface   | N        | N/A    | N/A   | B, savouch (ReSA)   | Refer to RDW operations guide | daily  | N                     | vchroutwex.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  
factpandm.ksh  
medfactpandm.ksh  
factclosedm.ksh  
mt\_prime.ksh  
**B** is pre\_dwi\_extract.ksh DWI batch process.







---

---

## Interface Diagrams for RMS and RPAS

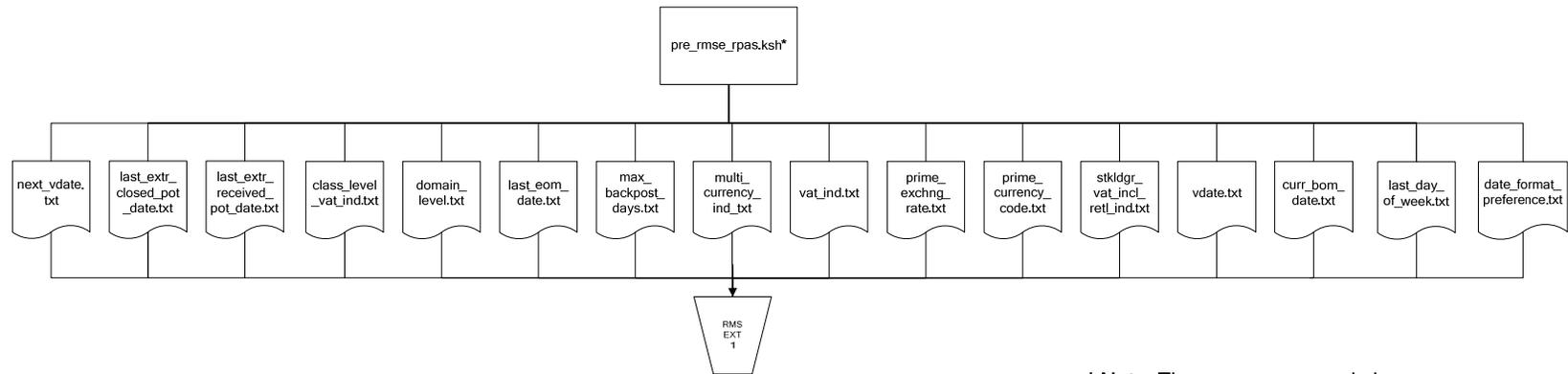
Because RMS is the retailer's central merchandising transactional processing system, it is the principle source of the foundation data needed in some of the Oracle Retail suite of products. RMS provides foundation data to RPAS, and RPAS provides planning data to RMS.

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

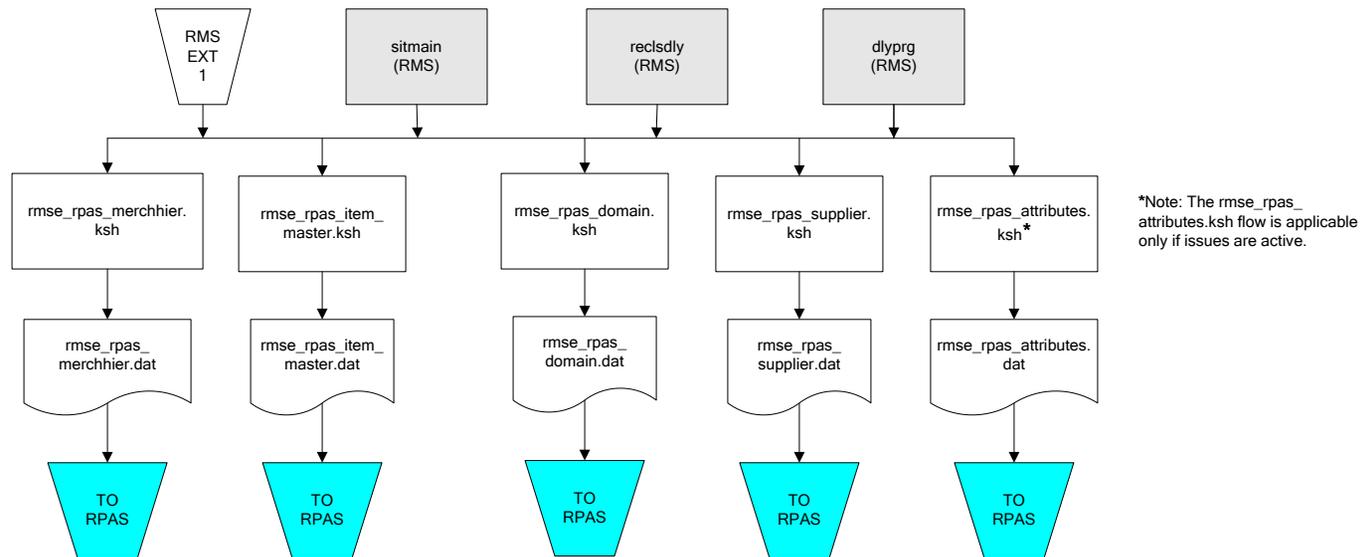
### RMS Pre RETL Extract Maintenance



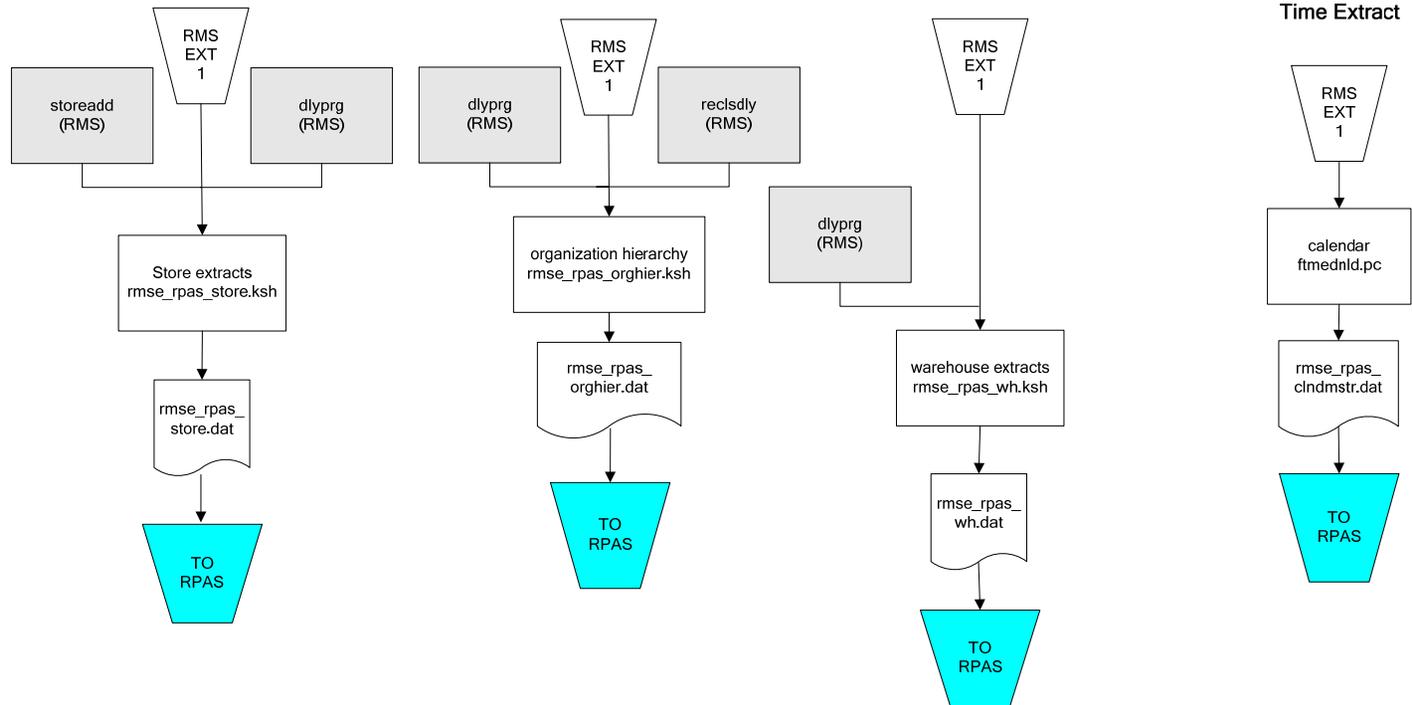
**\* Note:** The `pre_rmse_rpas.ksh` program checks for existing `.txt` output files. Because of this validation, retailers running the program for the first time should include an optional `-c` parameter. This parameter allows the program to run successfully without pre-existing `.txt` output files.

## RMS Foundation Data Extract Diagrams

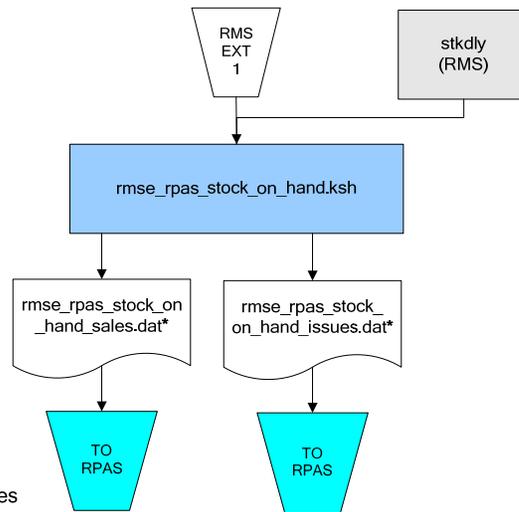
### Merchandise Hierarchy for RPAS



### Organization Hierarchy for RPAS



## RMS Fact Data Extract Diagrams

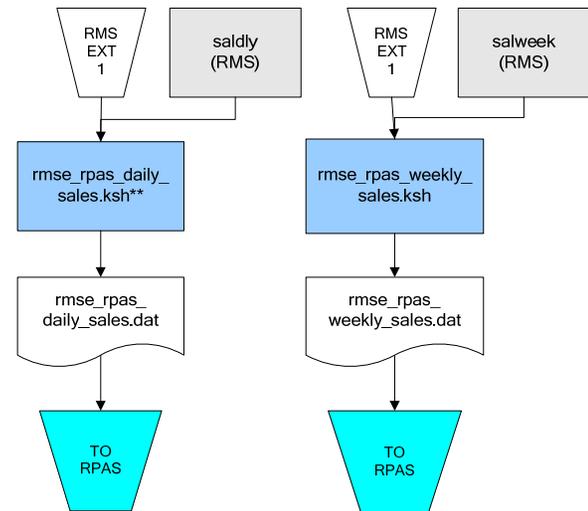


**\* Note:**

If issues are active, the following two files result from the rmse\_rpas\_stock\_on\_hand.ksh flow:  
 rmse\_rpas\_stock\_on\_hand\_issues.dat  
 rmse\_rpas\_stock\_on\_hand\_sales.dat

If issues are **not** active, the following file results from the rmse\_rpas\_stock\_on\_hand.ksh flow:  
 rmse\_rpas\_stock\_on\_hand\_sales.dat

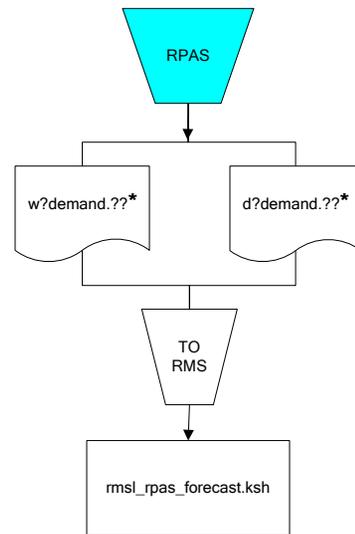
## Sales Extracts For RPAS



**\*\* Note:**

Depending upon the configuration of rmse\_rpas\_daily\_sales.ksh, the data can be pulled from TRAN\_DATA\_HISTORY or TRAN\_DATA.

## RPAS-RMS Fact Load Diagram



**\*Note:**

? can represent the following:

- i (for issues)
- s (for stores)

?? represents domain 01-99.

---

---

## Interface Diagrams for RMS and RDW

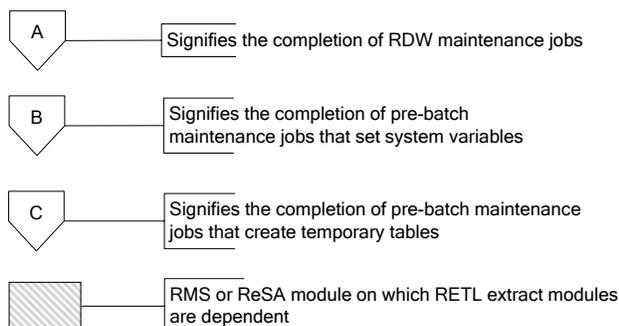
RMS works in conjunction with the Oracle Retail Extract Transform and Load (ETL) framework. ETL provides high-performance processing to extract data from Oracle Retail applications for use in data warehouses. The architecture allows database batch processes to take advantage of parallel processing capabilities.

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

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

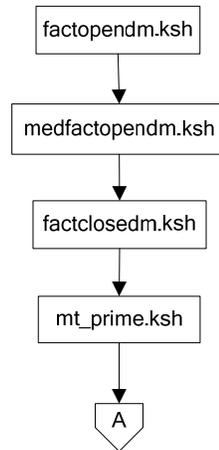
For summary information about the configuration, architecture, and features of ETL programs utilized in RMS/ReSA extractions, see the Oracle Retail Merchandising System Operations Guide Volume 3—Backend Configuration and Operations. For more information about the ETL tool, see the current ETL Programmer's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

### Legend

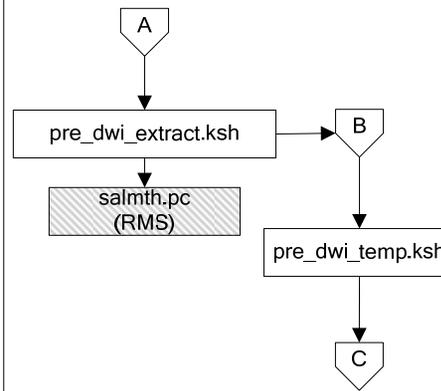


**Note:**  
The modules in this flow are RDW RETL scripts. If the retailer uses RDW, this flow must be completed before starting the pre-batch maintenance flow. If the retailer does not use RDW, these jobs are not required.

### RDW Maintenance

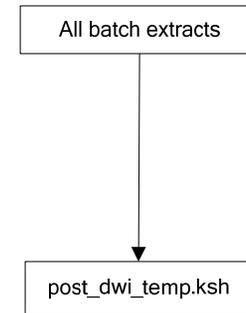


### Pre-Batch Maintenance

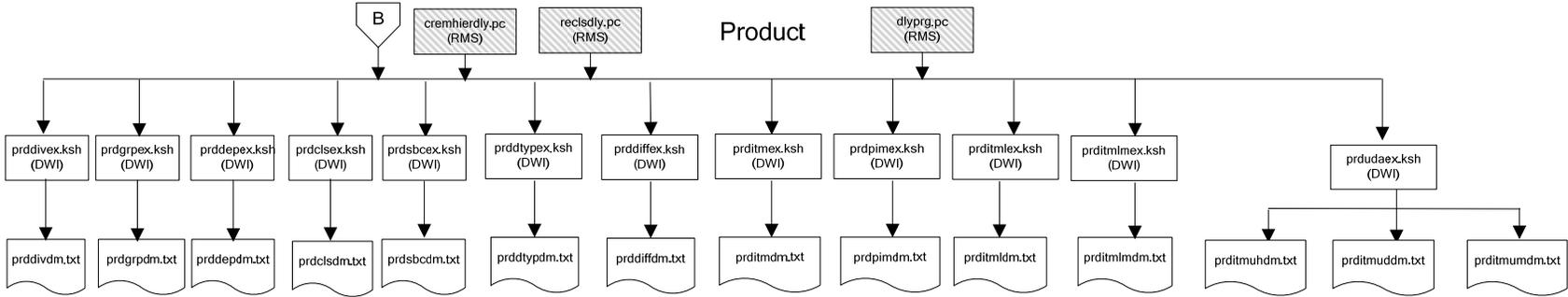


**Note:**  
salmth.pc resets the last eom\_date. Thus, it must be run after the system indicator is extracted by pre\_dwi\_extract.ksh.

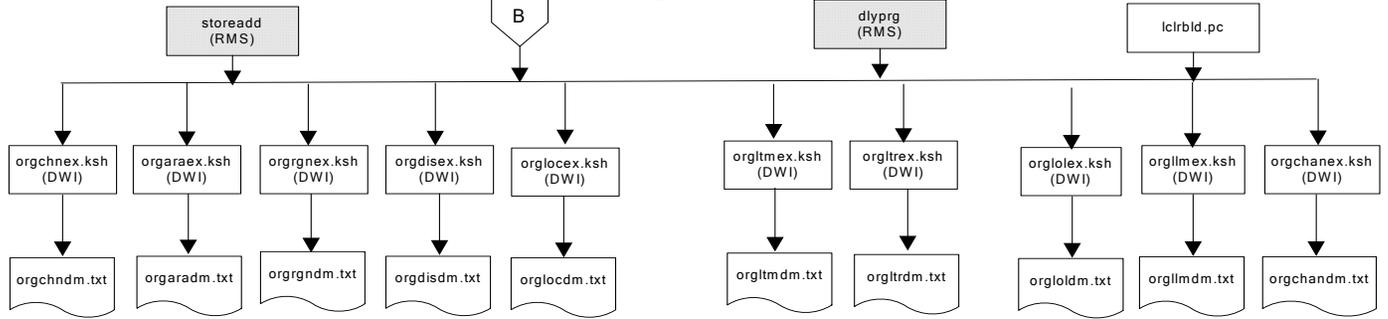
### Post-Batch Maintenance



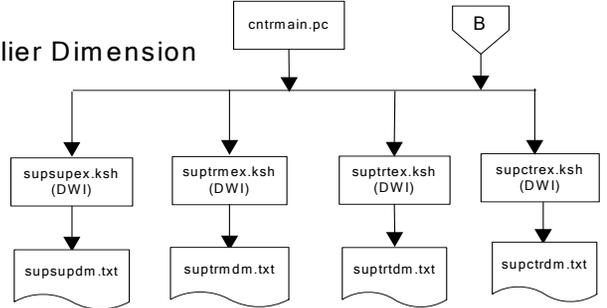
# Dimension Dataflows



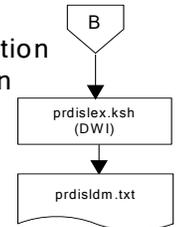
### Dimension Dataflows



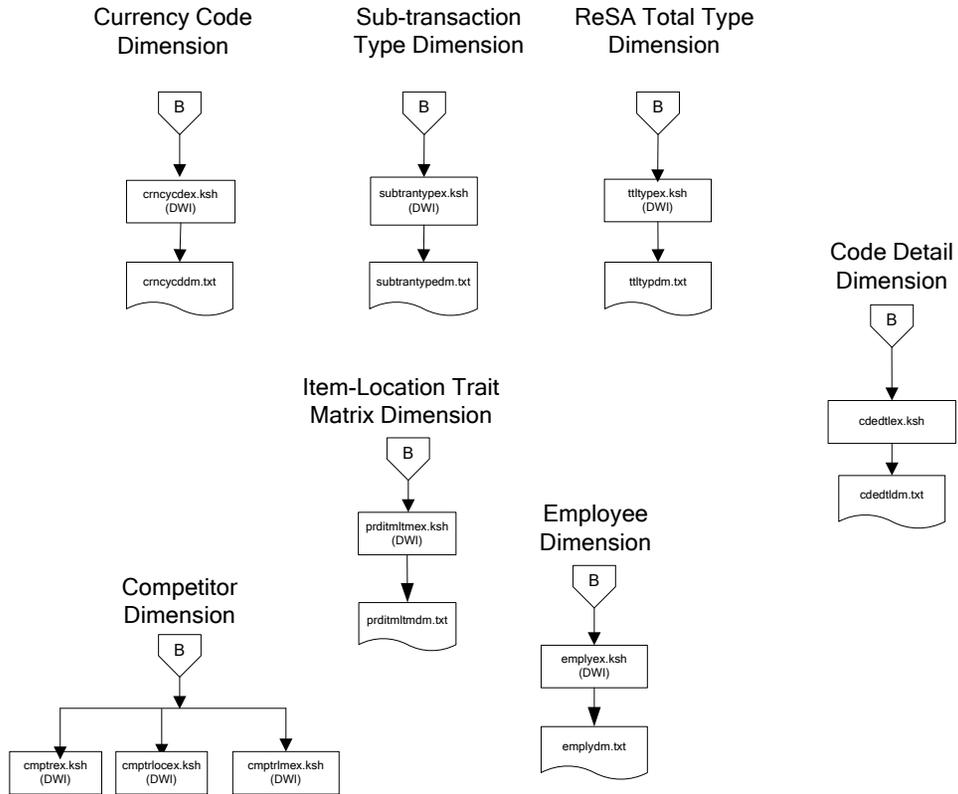
### Supplier Dimension



### Item-Supplier-Location Matrix Dimension

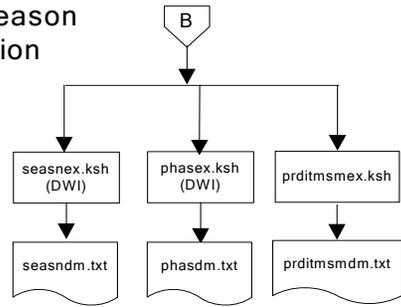


## Dimension Dataflows

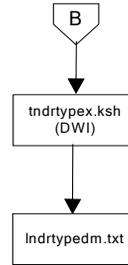


### Dimension Dataflows

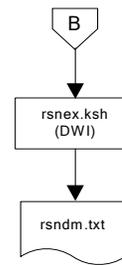
#### Product Season Dimension



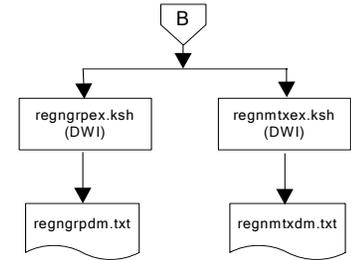
#### Tender Type Dimension



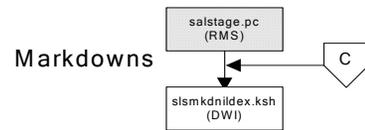
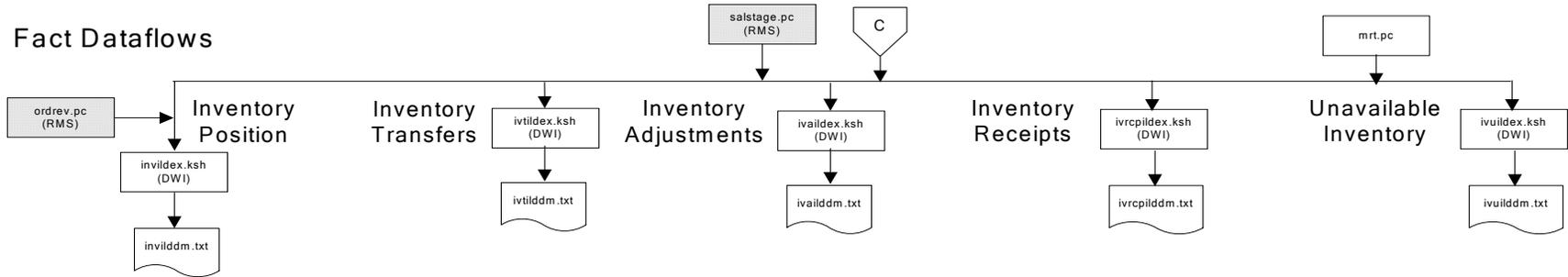
#### Reason Dimension



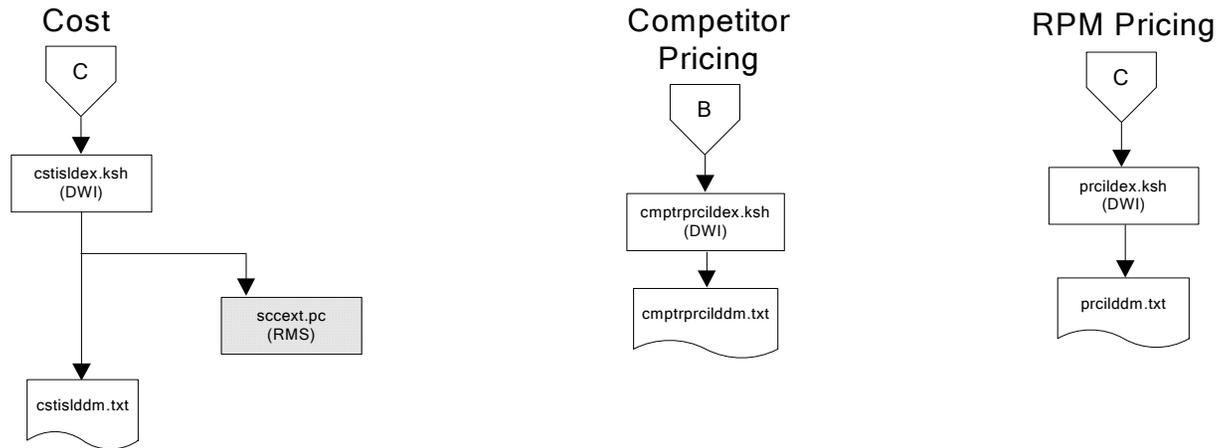
#### Regionality Dimension



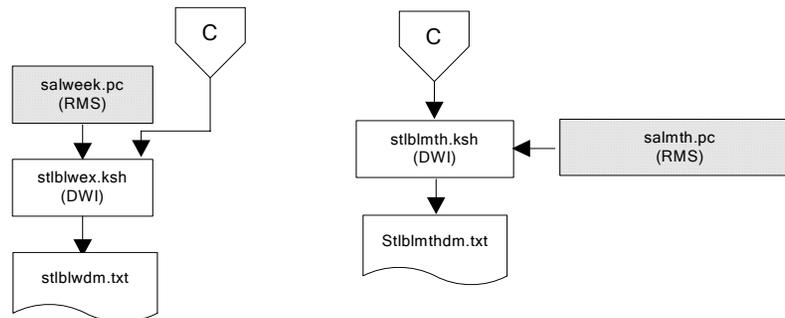
### Fact Dataflows



## Fact Dataflows

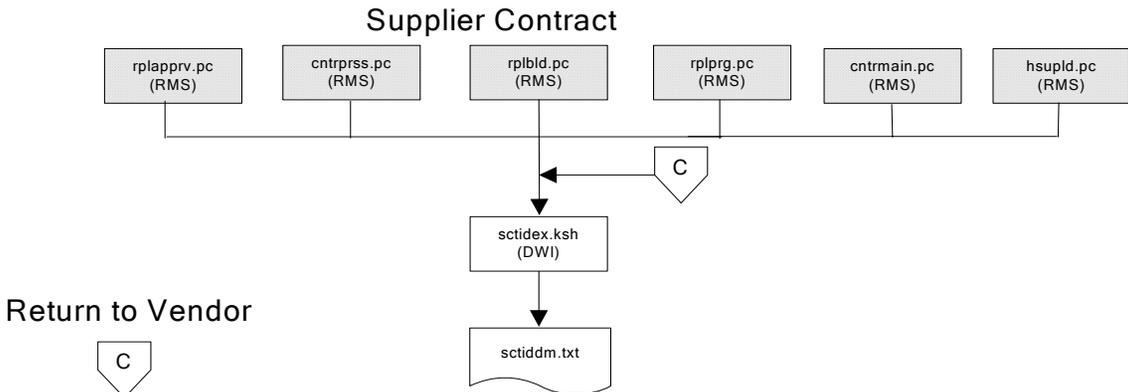
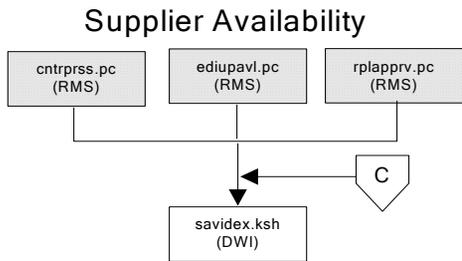


## Stock Ledger

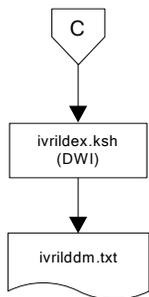


**Note:**  
Run stock ledger fact loads once weekly.

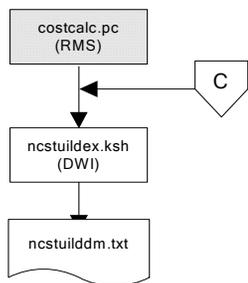
# Fact Dataflows



### Return to Vendor

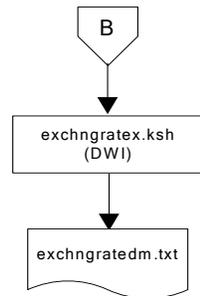


### Net Cost

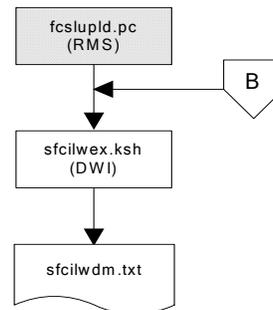


## Fact Dataflows

### Exchange Rates

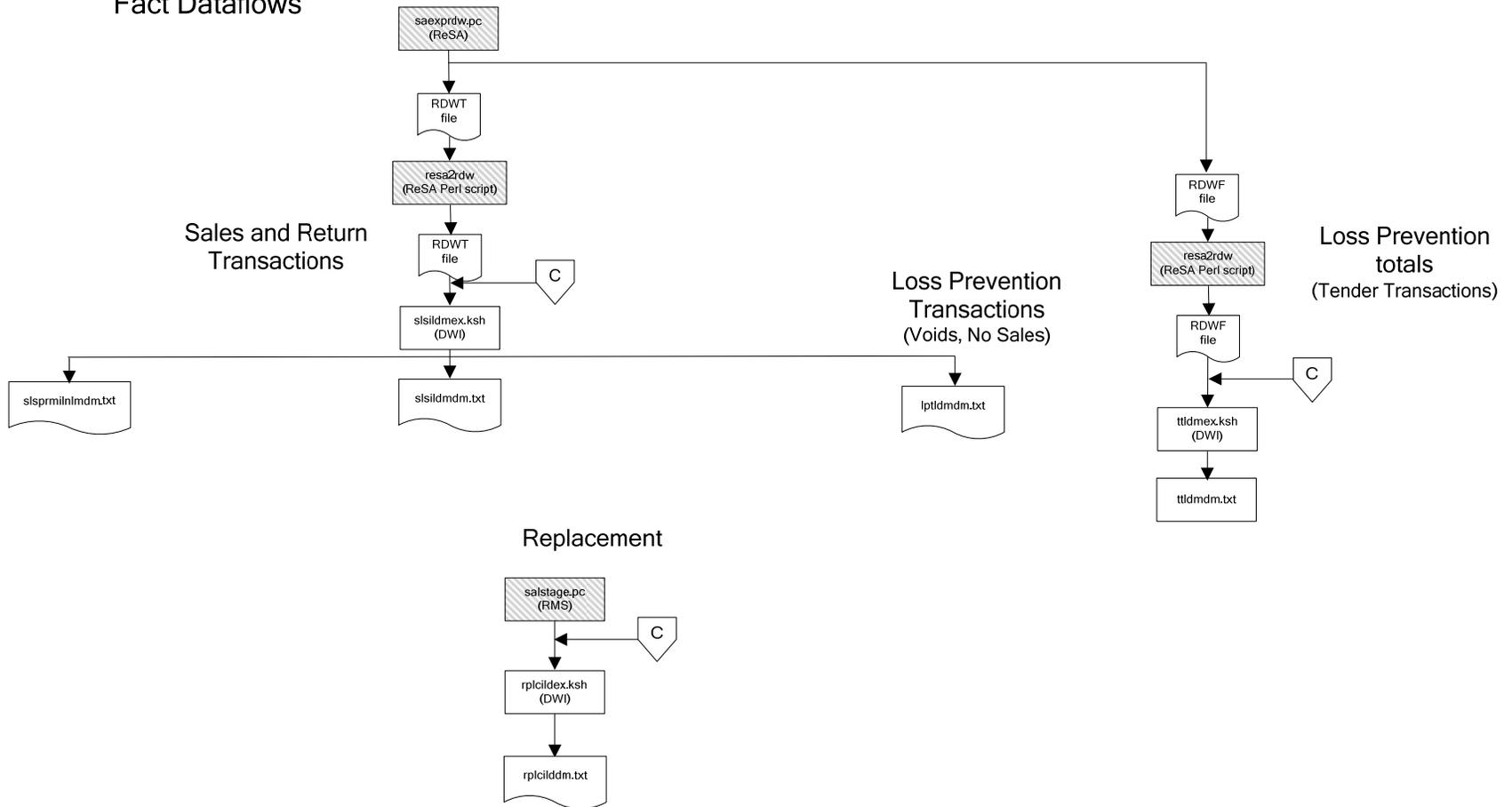


### Sales Forecasts

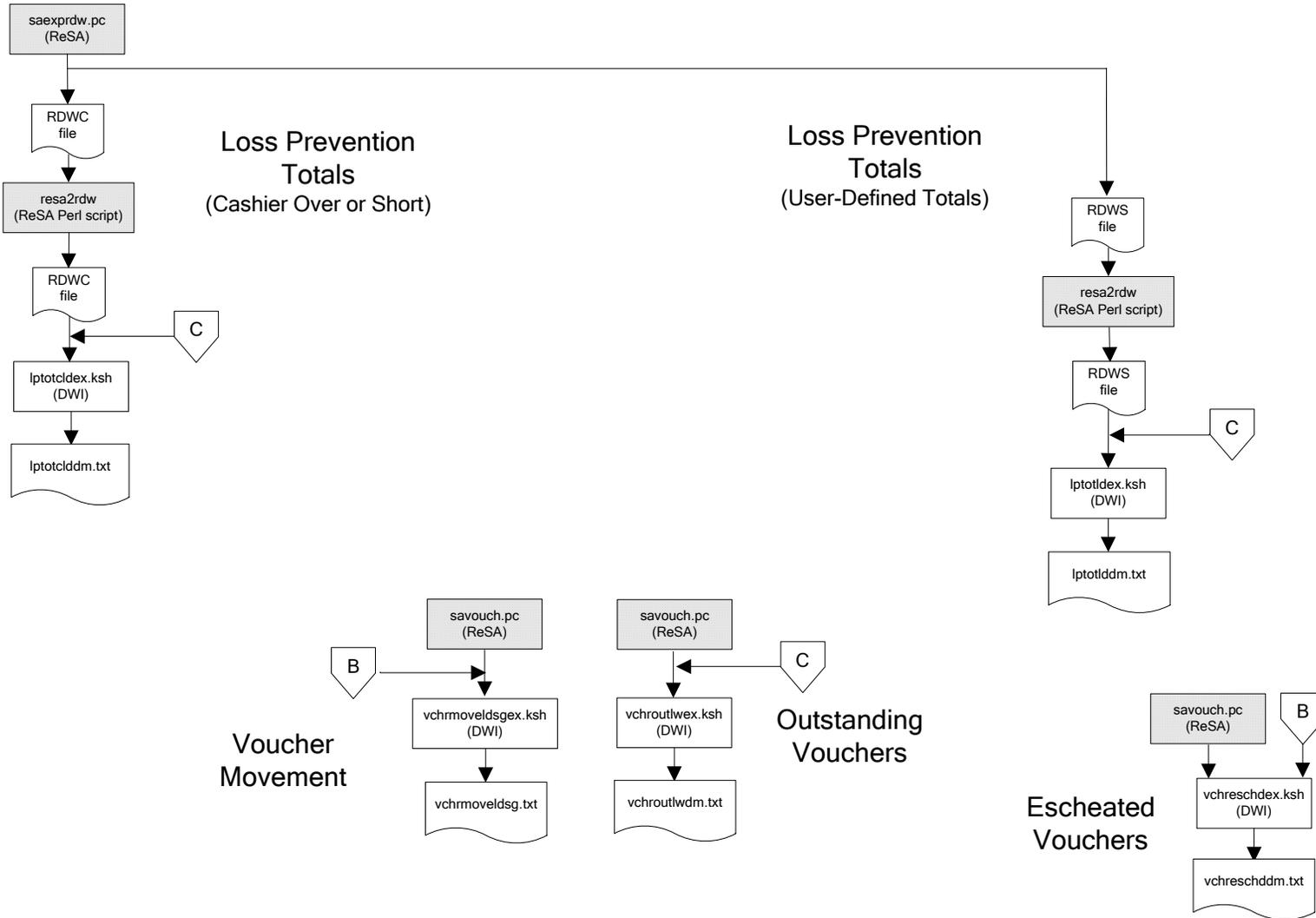


**Note:**  
Run sales forecast fact loads  
once weekly.

## Fact Dataflows

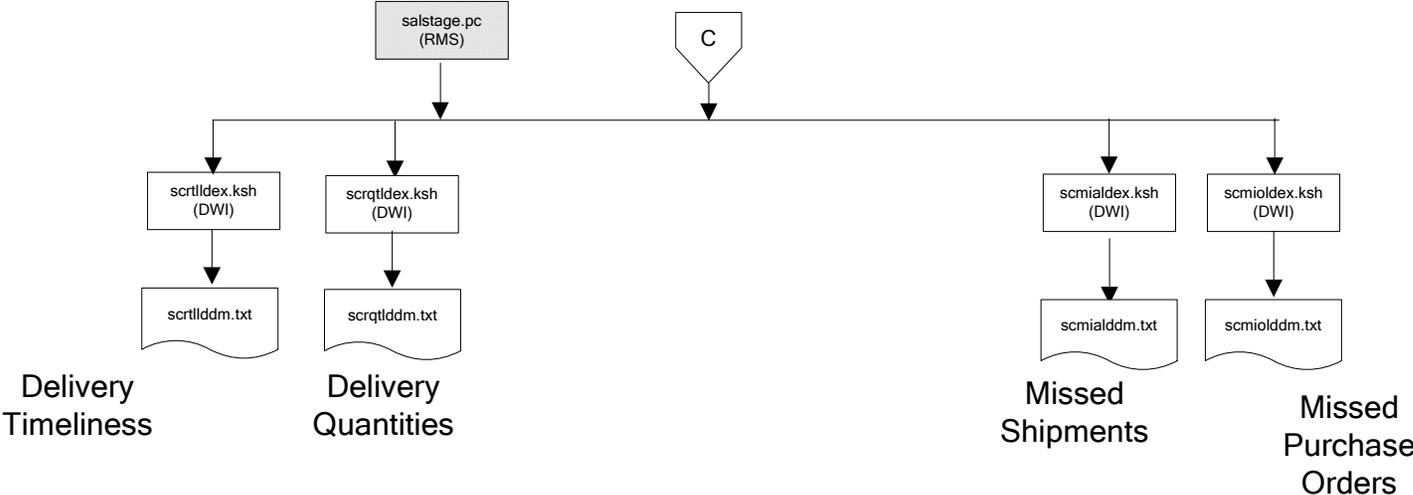


# Fact Dataflows



# Fact Dataflows

## Supplier Compliance



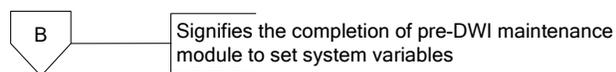
## Interface Diagram for RPM and RDW

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

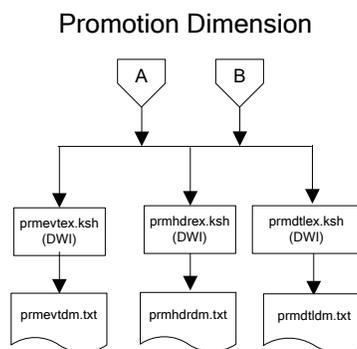
For detailed information about dimensions and facts, see the Oracle Retail Data Warehouse Operations Guide.

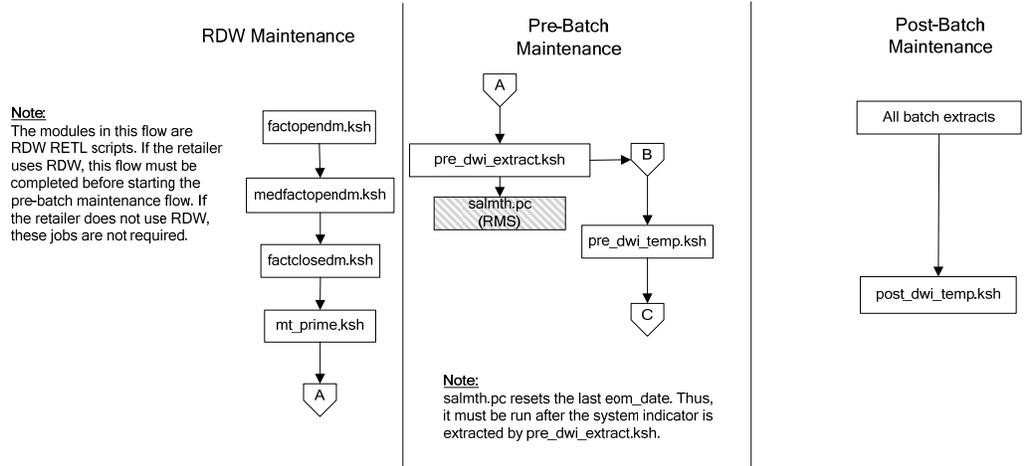
See the Oracle Retail Merchandising System Operations Guide Volume 1—Batch Overviews and Designs for more information about the modules shown in the following diagram.

### Legend



### Program Flow Diagram





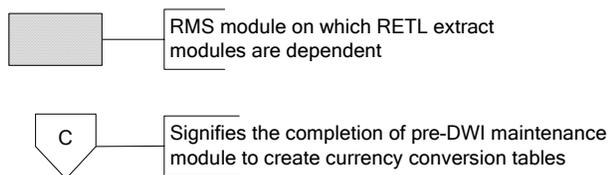
## Interface Diagram for ReIM and RDW

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

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

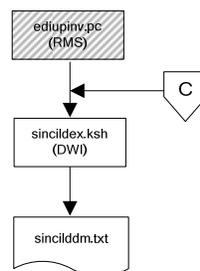
See the Oracle Retail Merchandising System Operations Guide Volume 1—Batch Overviews and Designs for more information about the modules shown in the following diagram.

### Legend



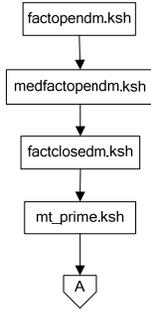
### Program Flow Diagram

#### Supplier Invoice Cost

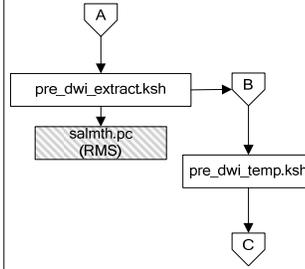


**Note:**  
The modules in this flow are RDW RETL scripts. If the retailer uses RDW, this flow must be completed before starting the pre-batch maintenance flow. If the retailer does not use RDW, these jobs are not required.

### RDW Maintenance



### Pre-Batch Maintenance



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

### Post-Batch Maintenance

