MRP Pegging System

User Manual

Summit Systems Inc.
308 Orchard Ave.
St.Louis, Mo 63119-2526
Phone: 314-963-9021
Fax: 314-968-4122
Email: SummitSys@aol.com
Web: www.sumsystems.com/products.html

Version 3.5
May, 2002

MRP Pegging System

Contents

New Features of Release 3.5

Reschedule Significance Quotient in Action/Reschedule report

In addition to be able to select reschedule messages by leeway days, a new option to select reschedule messages by significance quotient has been added. The significance quotient is a decimal value between 0.01 and 0.99. The higher the number represents the significance of the date change. The significance quotient is calculated by using the "difference of days" in the reschedule message as the numerator and the "days from today" as the denominator. For example, an order that is rescheduled one week, and the order is scheduled 4 weeks from today has a significance factor of 0.25. An order that is being rescheduled 2 weeks, and is scheduled 6 weeks from today has a significance factor of 0.33. The significance factor is designed to allow the user to carve out imporotant reschedule messages by giving weight to those with the most movement in the near future.

New Features of Release 3.0

Project Support in Action/Reschedule report

If you are a Manman/Projects user or simply assign project numbers to work orders, the Action/Reschedule report RE,895 has new features you may want to take advantage of. The project number field has been added as one of the seven selection criteria available, allowing you to view action and/or reschedule messages for a specific project(s). In addtion, the project number has been added is one of 13 different sort options available.

New Features of Release 2.5

New Ending Action date in Action/Reschedule report

The Action/Reschedule report RE,895 has a new 'ending action date?' prompt. This new option will allow you to exclude

MRP suggestions that are planned way out in the future.

New MRP Volatility Selection Option

The List MRP Volatility Command LI,897 has a new 'selected abc code?' prompt. This new option will allow you to include or exclude MRP suggestions for the abc code you desire.

Visibility of PO line in Action/Reschedule report

The Action/Reschedule report RE,895 will now list the purchase order line number next to the purchase order number for the purchase order reschedule messages.

New Features of Release 2.0

New MRP Volatility Time Frame

The List MRP Volatility Command LI,897 has a new 'ending action date?' prompt. This new option will allow you to exclude MRP suggestions that are planned way out in the future and allow you to produce measurements based on actions that need to be enacted within the horizon you define.

New Leeway days In and Out options

The List MRP Volatility Command LI,897 and the RE,895 Order Action/Reschedule Report have changed the traditional 'number of leeway days?' prompt into a 'number of leeways days for reschedule in?' and 'number of leeway days reschedule out?'. Several users expressed a need to have far less leeway with reschedule in messages and far more leeway with reschedule out messages.

New Net Change MRP Report option

The RE,895 Order Action/Reschedule Report now has an option to report only "new" MRP messages that have not appeared on any previous MRP runs. This enhancement provides a 'net change' MRP, listing only what has changed since the prior MRP Run. This option should allow users who would like to run MRP more often or react more rapidly, the ability to view new messages only

instead of having to start over with a complete set of full regeneration reports that list every message.

Component Pegging (LI,896) Overview

The MRP Pegging system contains several features to enhance your MRP reporting. One of those features is that a new command, LI,896, is offered to allow you to "peg-up" to find out the source of where a components demands are coming from. The purpose of this overview is to explain the pegging process, provide some suggestions, and set your expectations accordingly.

The Manman system traditionally was not designed with any pegging capability. There are no data files on the system which directly tie the demand MRP is placing on a component with a higher level requirement from a subassembly or assembly. What you are provided with is the "where required" record in the MRP message. The where required field is the only link to where the requirement may have came from. Often very common or very active components have several demands being placed on them from several different assemblies. In these cases, the where required information becomes more ambiguous. Thus, it is fair to say that the more active the component is, the less likely the pegging up process will be sucessful.

Order Bucketing

You have at least one option in Manman to assist you with the pegging process. Comin Variable number 30 is the order bucketing option and controls how you group requirement information for planned order creation. Comin Variable 30 will allow you to select: no bucketing, daily bucketing, weekly bucketing, and monthly bucketing. The no bucketing option will force MRP to look at demand and planned orders on a one by one basis. If you select daily bucketing, you group all of the demand that is due that day, net against available supply, and create one planned order. Weekly bucketing will perform the same process and create one planned order for the week. The Manman Planning guide has the following entry regarding bucketing:

> "When you use bucketing, MRP dependent demand from higher levels cannot be identified on a discrete demand basis since they were grouped together. Bucketing, therefore, impacts the pegging information that is displayed on the MRP reports. If you have a need for detailed pegging information, you do not want to use bucketing."

We recommend you use, or at least test, setting comin variable number 30 to 1 to use no bucketing, if you are not already doing so. The obvious downside to doing this is that you will be creating more planned order suggestions. Regardless, there should be a balance between pegging detail and number of planned orders created that is best for your manufacturing environment.

Mechanics of the Pegging Process

We have already explained that there are no data files in Manman that directly tie the demand MRP is placing on a component with a higher level requirement from an assembly. Thus, to perform pegging, we must intuitively look at a number of pieces of information:

1. The where required field - does it contain an assembly part number? If not, this demand was not blown down from a higher level assembly and we do not try to peg up.
2. The quantity per assembly relationship between the component and the assembly part number - Since the quantity required was exploded, we must use this number to back into what quantity is being blown down to the component.
3. The lead time of the component - the date MRP plans the component will be the date of requirement from the higher level assembly less the component lead time. For example, if the component has a requirement dated June 1 and has a 30 day lead time, the demand being blown down from the assembly will be dated July 1.

Your users perform a similar process in their mind when they look at an RE,906 screen for the component. If the MRP message contains an assembly part number, they perform an RE,906 on the assembly part number, perform some math on the quantity per assembly and lead time, and hopefully a demand sticks out that will tell them where the original component requirement came from. If you begin dealing with a few levels in your bill of material it becomes more time consuming and difficult to figure out the source of the requirement.

The LI,896 command attempts to automate the process and present the chain of requirements in a 'where-used' type of view. If the program finds a MRP message with an assembly part number, the demands of the assembly are sifted through looking for a match of the calculated quantity per assembly and calculated due date. If a match is found, the requirement is indented and listed on the screen. Should the assembly's MRP message also reference an assembly part number, the process is repeated until the program can not peg-up any further. If an exact match is not found, the next logical demand on assembly the assembly part number will be listed, and the program will cease to peg-up any further for the requirement listed.

Since the quantity per assembly and lead time are essential elements in these calculations, changing either of them after your MRP run will effect your ability to find a match and limit accuracy of pegging up in the product structure that was changed.

Please refer to the document under command number LI,896 for information on the options available.

LI,896 List Component Pegging

We recommend you read the 'Component Pegging Overview' in the front of this manual before using this command.

The LI,896 command is designed to allow you to "peg-up" to find out where the source of the demand for your MRP messages are coming from for a selected component. The LI,896 command lists each of the MRP messages generated for the component. If a message was a result of a demand on an assembly this component is tied to, the command begins sifting through the demands of this assembly, to attempt to find the demand that was blown down to the component. If it successfully finds the assembly's demand, the process is repeated to see if it was also derived from another higher level assembly. If the program was unable to find an exact match of a demand that was blown down, the program will list the next demand for the assembly and stop trying to peg-up any further. Also appearing in the listing are any planned orders for the component. These usually appear immediately after an unsatisfied requirement for the same quantity.

It is recommended that when you first get started using this command, you begin using it on your less common components rather than your more common components. This is for two reasons. This command displays a great deal of information, and fewer demands will result in an initial listing that is easy to read and understand. The second reason is that pegging-up on a very common component can often result in thousands of lookups to find the exact source of the requirement. For these reasons, start with less common components until you adjust being able to read and understand the pegging messages, then move toward more complicated and common components. This screen is also available in both 80 column and 132 column formats. Since much more information is displayed in the 132 column format, you may wish to start working with the wider screen/report as you get acquainted with the program.

Prompts

OPTION(3)?
The output options for the screen are displayed.

The date of your last MRP run is displayed, followed by the date the information was copied to the pegging data base (UT,896). This information is displayed so that you can insure the most recent MRP data was copied to the pegging data base.

```
ENDING REQUIREMENT DATE (C/R = 99/99/99)?
The ending requirement date is the last date you want to see
MRP requirements for this component and attempt to peg-up.
This prompt is similar to your 'ending action date' prompt
in MRP.  This prompt supports the Manman date offset function,
so if you want to view requirements out until the next 90 days,
you can enter +90.


LISTING OPTION:
1.  INDENTED
2.  LEVEL BY LEVEL
3.  SUMMARY
OPTION(1)?

The List Component Pegging command allows you to list the
information in three different formats.  The first, "indented",
is the default format.  The components and assemblies are
listed in a format that is similar to a bill of material
where-used.  Each subassembly is indented depending on what
level in the bill of material it appears on.  The second format
is the "level-by-level" format.  This format will list all of
the mrp requirements and planned orders for the component the
user entered.  The screen will then indent one level, and any
blown down requirements from sub-assemblies the next level up
will be listed.  This process repeats itself level by level
until all levels are displayed.  The final format is the "summary"
listing.  The summary will list one line for the component
and all of the associated sub-assemblies and assemblies.  The
column headings for the summary format are completely different
from the detailed formats.  Requirements, planned orders, and
supply orders are grouped in buckets and displayed on the
screen.


DISPLAY OPTION:
1.  VIEW ONLY BLOWN DOWN UPPER LEVEL REQUIREMENTS
2.  VIEW ALL UPPER LEVEL REQUIREMENTS
OPTION(1)?

This option turns on and off the logic in the program to sift
through an assembly's requirements and find the most logical
source of the component requirement.  Option 1 is the default
which performs this logic.  Option number 2 will indent one
level and list every demand for the assembly.  We recommend
that you only use option 2 if option 1 is totally failing to
give you correct answer.
```

Files Accessed

```
SRFIL    Sorted Requirement file
IM       Item Master file
OWOF     Work Order file
```

```
PSF      Product Structure file
SOEFIL   Sales Order Heading file (if using Omar)
```

Report Format

Detail line one

```
Part number
Unit of Measure
Source code
Demand Type - Defined as one of the following depending on
the demand type code or group code
   -1   WO SHORT     Work order shortage
   -2   WO FIRMPL    Firm planned work order
   -3   MULTIPLE     A planned order from an upper level assembly
   -4   WO SCHED     A scheduled work order
   -5   ASMB SAFTY   Safety stock replenishment on an assembly
   -6   BLD SCHED    Build schedule
   -7   MPS PLAN     MPS Planned Order
  -99   SAFETY STK   Safety stock replenishment
  1-8   User defined User defined demand types (UT,600)
    9   SERV MAN     Serviceman requirements
   11   FORECAST     Forecast
   13   INTERPLANT   Interplant sales order
        SALES ORDER  Any other value (demand types 14-32767)
Demand Where used - The work order number the part is required
 upon, the assembly part number that is the source of the
 requirement, or the sales order number that is the requirement
Required/Due Date - The date the parts are required based on
 the current schedule.
Action/Need date - For a requirement, this is the date MRP says
 the parts are needed.  For a replenishment, this is the date
 MRP says action is required for this replenishment (usually
 requirement date less lead time).
Quantity per Assembly - This is the quantity per assembly of
 the component that is required on the assembly listed.  This
 value is listed to assist you in determining the source of
 the quantity required.
Quantity Required
Supply type - If a replenishment is listed for an upper level
 assembly, this will list what type of supply order it is:
      10   PURCHREQ   purchase order requisition (rel 10)
       4   BLD SCHD   build schedule
       3   MPS PLAN   MPS planned order
       2   WO FIRMP   Firm planned work order
       1   WO KITTD   Kitted work order
           WO SCHED   Scheduled work order
           WO WIP     In process
       0   PO         Purchase Order
      -1   PO BLNKT   Blanket Purchase Order
      -2   PO INTPL   Interplant Purchase Order
```

-3 INVENTRY Inventory
PLANNED MRP Planned Order

Balance - This is a running balance of the quantity on hand less current requirements.

Second Line

Part Description
Buyer Code
Fixed Lead time
Where required - If a work order number was listed in the where required column on the first line, the assembly part number of the work order is listed. If a sales order number was referenced, the customer name of the sales order is listed
Supply order - The order number of the supply order is listed

Summary Report

Part Number
Unit of Measure
Source Code
Order Demand - Independent demand or sales orders
Wo Short - shortages on existing work orders
Safety Stock - safety stock requirements
Firm/Bld - Quantity required on firm planned work orders or build schedules
Scheduled work orders
Forecast- Quantity Forecasted
Other Requirements
Total Requirements - sum of the above
Quantity per assembly - the quantity of the component required on the assembly
Planned orders - the sum of all MRP planned orders
Supply orders - the sum of supply orders blowing down requirements
Quantity on hand
Part description
Buyer code
Fixed Lead time

LI,897 List MRP Volatility

The purpose of the LI,897 command is to allow the user to monitor the number of new MRP messages that were created, the number of MRP messages that have not been addressed, and the number of MRP messages processed (dropped off) since the last MRP run. The screen provides you the option of sorting and selecting by buyer code, source code or class code. You may wish to use this screen to monitor the work load being generated and processed for each buyer or planner.

If you are just beginning to use the MRP Pegging system, be aware that you must have run UT,896 more than one time (2 or more MRP runs) to have any statistics on what has been processed.

Prompts

OPTION(3)?
The output options for the screen are displayed.

The date of your last MRP run is displayed, followed by the date the information was copied to the pegging data base (UT,896). This information is displayed so that you can insure the most recent MRP data was copied to the pegging data base.

SELECTED BUYER CODE (C/R = ALL)?
You may enter up to 10 buyer codes to select. If you would like information on all buyers, press return. When you have finished entering buyer codes, press return or enter 'E'.

SELECTED SOURCE CODE (C/R = ALL)?
You may enter up to 10 source codes to select. If you would like all source codes, press return. When you have finished entering source codes, press return or enter 'E'.

SELECTED ABC CODE (C/R = ALL)?
You may enter up to 3 abc codes to select. If you would like all source codes, press return. When you have finished entering abc codes, press return or enter 'E'.

LISTING OPTION:
1. LIST PLANNED ORDER DETAIL
2. LIST PLANNED ORDER AND RESCHEDULE DETAIL
3. SUMMARY LISTING OF PLANNED ORDERS
4. SUMMARY LISTING OF PLANNED ORDERS AND RESCHEDULES
OPTION(1)?
The user may view this screen in either a detail format (options 1 and 2) or a summary format (options 3 and 4). The detail format lists the number of MRP messages by type; scheduled work orders, work order shortages, sales orders,

```
safety stock replenishments, etc.  The summary option lists
one line for each buyer code, source code, or class code.
If you want to include reschedule messaes in the statistics
listed, choose options 2 or 4.

If you selected options 2 or 4 to include reschedule messages:
 NUMBER OF LEEWAY DAYS TO QUALIFY AS A RESCHEDULE?
 If you are including reschedule messages, the number of
 leeway days will skip this reschedule message if it asks
 you to move the date in or out within this number of days.

SORT OPTION:
1.  BY BUYER CODE
2.  BY SOURCE CODE
3.  BY CLASS CODE
OPTION(1)?
Enter the sort option to sort and subtotal the information.
```

Files Accessed

```
SRFIL    Sorted Requirement file
OLDSRFIL Processed requirement file
RSFIL    Reschedule message file
OLDRSFIL Processed reschedule file
IM       Item Master File
```

Report Format

```
Buyer code, source code, or class code
Demand type (if displaying detail report)
Number of new exceptions - The number of new MRP messages
 generated for this MRP run
Exceptions not processed from the previous MRP run.  This
is a group of 5 buckets counting MRP messages that appeared
on previous MRP runs:
 2nd MRP, 3rd MRP, 4th MRP, 5th MRP, Over 5 MRP runs
Total exceptions on file - this is the total number of
messages generated by the MRP run, new and previously listed.
Performance Data - This section lists the number of MRP
messages that were:
 Not processed on the last MRP run
 Were processed on the last MRP run (no longer appear)
 Percent that were processed
```

RE,895 MRP Action / Reschedule Report

The RE,895 is a combination of the MRP Action and Reschedule reports RE,902/903/904/905 rolled into one. It allows the user the option of viewing the make/buy messages and reschedule messages together. In addition, the date the MRP suggestion was originally created and the number of MRP runs the message has appeared on is listed on the report. The 'age' of the MRP message is available as a sort selection. By knowing the age of the MRP suggestion, the user may be able to run MRP more frequently without having to 'start-over' with a new set of MRP reports.

Prompts

OPTION(1)?
The output options for the screen are displayed.

The date of your last MRP run is displayed, followed by the date the information was copied to the pegging data base (UT,896). This information is displayed so that you can insure the most recent MRP data was copied to the pegging data base.

REPORT OPTION:
1. ACTION MESSAGES AND RESCHEDULE MESSAGES
2. ACTION MESSAGES ONLY
3. RESCHEDULE MESSAGES ONLY
OPTION(1)?
This option allows the user to select action messages only, reschedule messages only, or both on the report.

If the user selected option 1 or 3

SELECT RESCHEDULE MESSAGES BASED ON:
1. LEEWAY DAYS
2. SIGNIFICANCE QUOTIENT
OPTION(1)?

If you select option 1 to use leeway days, the following prompts appear:

NUMBER OF LEEWAY DAYS TO QUALIFY AS A RESCHEDULE IN?
NUMBER OF LEEWAY DAYS TO QUALIFY AS A RESCHEDULE OUT?
If you are including reschedule messages, the number of leeway days will skip any reschedule messages that MRP wants you to move the date in or out within the number you enter. The Manman system traditionally allows a single leeways days option for reschedule in or out. The RE,895 allows you to select a different leeway days tolerance for viewing orders to reschedule in and orders to reschedule out.

If you select option 2 to use the significance quotient, the following prompts appear:

ENTER THE SIGNIFICANCE QUOTIENT AS A
DECIMAL VALUE BETWEEN ZERO AND 1 (0.25)?
Enter a value between 0.01 and 0.99. The default is 0.25. The higher the number represents the significance of the date change. The significance quotient is calculated by using the "difference of days" in the reschedule message as tne numerator and the days from today" as the denominator. For example, an order that is rescheduled one week, and the order is scheduled 4 weeks from today has a significance factor of 0.25. An order that is being rescheduled 2 weeks, and is scheduled 6 weeks from today has a significance factor of 0.33. The significance factor is designed to allow the user to carve out important reschedule messages by giving weight to those with the most movement in the near future.

If the user selected Report options 1 or 2 for action messages:

ENDING ACTION DATE?
Enter the ending horizon of the action messages you would like to see on the report. For example, if you only wish to view action messages for the next sixty days, enter +60 to the ending action date.

SELECTION OPTIONS:
1. ENTER SELECTED BUYER CODE(S)
2. ENTER SELECTED SOURCE CODE(S)
3. ENTER SELECTED CLASS CODES(S)
4. ENTER SELECTED PART NUMBER(S)
5. ENTER SELECTED VENDOR CODE(S)
6. SELECT NEW MRP MESSAGES ONLY
7. ENTER SELECTED PROJECT NUMBER(S)

OPTION (C/R TO CONTINUE)?

This prompt allows the user to enter any combination of selected buyer codes, source codes, class codes, part numbers, projects or vendor codes. Enter up to 10 of each code. Option number 6 allows the user to select mrp suggestions from the most recent MRP run. This will essentially generate a 'net change' MRP report listing only what has changed between this run and the last. If you select option 6, the following prompt appears:

MRP RUN NUMBER (1)?

Pressing return or entering a '1' will list only the new MRP messages. If you wanted to view outstanding requirements from previous MRP runs, enter the number of how many runs ago to select.

```
PRIMARY SORT SEQUENCE:
1.  BUYER CODE                  7.  REQUIREMENT AGE
2.  SOURCE CODE                 8.  ACTION DATE
3.  CLASS CODE (1,2,3 OR 4)     9.  MRP REQUIRED DATE
4.  PART NUMBER                10.  PO ORIGINAL/WO START DATE
5.  VENDOR CODE                11.  PO LATEST / WO DUE DATE
6.  VENDOR NAME                12.  PART DESCRIPTION
                               13.  PROJECT NUMBER
OPTION (C/R TO CONTINUE)?
```

This report has the ability to have user defined sorts based on any of the criteria entered above. You receive this prompt three times; the first for the primary sort sequence, followed by the secondary sort sequence, followed by the third sort sequence. For example, if you wanted to sort on buyer code, vendor name, action date, you would respond 1 to the first sort prompt, 6 to the second prompt, and 8 for the third sort prompt. The sort selection you build is listed on the top of your report.

Files Accessed

SRFIL	Sorted Requirement file
RSFIL	Reschedule message file
IM	Item Master File
OWOF	Work Order File
POFIL	Purchase Order Detail file
POMAS	Purchase Order Master file
VNDMAS	Vendor Master file

Report Format

Part Number Line
Part Number
Part Description
Vendor code (VCODE-IM) if this is purchased part
Vendor name - if this is a purchased part
Project number - if the user selected a selection or sort by project number.

Detail Line
Buyer code
Source code
Class code
Fixed lead time
Purchase unit of measure
Stocking unit of measure
Revision
Economic order quantity
Shrinkage factor
Order policy code

Age - date the MRP suggestion originally appeared
MRP number - the number of MRP runs this suggestion has appeared on
Quantity Due - The quantity required for an action message, or the quantity still due or on order for a reschedule.
Purchase Order quantity in inspection or work order completed quantity - for information only on reschedule messages.
Action Date - MRP action date
MRP requested date - Date MRP calculates you need this part
Purchase order original date or work order start date - for information only on reschedule messages.
Purchase order latest date or work order due date
Where Required - the assembly part number or order number where this component is needed
Demand Type - Defined as one of the following depending on the demand type code or group code

-1	WO SHORT	Work order shortage
-2	WO FIRMPL	Firm planned work order
-3	MULTIPLE	A planned order from an upper level assembly
-4	WO SCHED	A scheduled work order
-5	ASMB SAFTY	Safety stock replenishment on an assembly
-6	BLD SCHED	Build schedule
-7	MPS PLAN	MPS Planned Order
-99	SAFETY STK	Safety stock replenishment
1-8	User defined	User defined demand types (UT,600)
9	SERV MAN	Serviceman requirements
11	FORECAST	Forecast
13	INTERPLANT	Interplant sales order
	SALES ORDER	Any other value (demand types 14-32767)

Message - for reschedule messages, the message will be
MOVE IN - to reschedule the order backward
MOVE OUT - to reschedule the order forward
CANCEL - MRP does not need this order

UT,896 Download MRP Files to the Pegging Data Base

The first step in using in the MRP Pegging system is to transfer the data within the Manman system from your last MRP run to the pegging data base. The purpose of this is the following:

1. The data from your MRP run is contained in several very cumbersome files. The UT,896 transfers and sorts all of the demand, supply, planned order, and reschedule information into an image data base to improve the ease and speed of retrieval.

2. The UT,896 command looks at all of the planned order and reschedule information from the previous MRP run and compares it to the information from the current MRP run. If identical planned order or reschedule messages appear, the utility retains the date the MRP message originally appeared and the number of MRP runs this message has appeared upon.

3. To allow any users who may wish to access the MRP data for their own ad-hoc reporting requirements to do so. The MRP data that resided in the COND, WOPO, and RQxx files was difficult at best to retreive. The information is now available from the pegging data base with the quiz schema included with this product or with your favorite report writer.

It is recommended that UT,896 is run after your MRP run (RE,900), however, you can run the utility at anytime without concern. None of the programs in the MRP Pegging system update the Manman system whatsoever.

Prompts

The date and time this utility was last run is displayed.

```
THIS UTILITY COPIES THE DATA FROM YOUR LAST
MRP RUN TO THE PEGGING DATA BASE.  CONTINUE (Y)?
```

The utility provides you with a warning message before continuing.

The utility now goes through the following processes:
1. Erases the pegging data base data files
2. Copies information from the COND file
3. Copies information from each of the RQxx files
4. Copies information from the WOPO file
5. Copies information for planned orders (MRPPLAN)
6. Dates the planned orders
7. Gathers work order reschedule messages
8. Gathers purchase order reschedule messages
9. Dates the reschedule messages

The utility returns to the Command prompt when complete.

Files Accessed

CONDMAS	Condition Master file - updated
WOPOFIL	MRP open work order/purchase order file - updated
RQFIL	MRP requirement detail file - updated
SRFIL	Sorted Requirement file - updated
RSFIL	Reschedule message detail file - updated
OLDRSFIL	Processed reschedule message file - updated
OLDSRFIL	Processed requirements file - updated

COND	MRP Condition file
OWOF	Work Order file
POFIL	Purchase Order Detail File
POMAS	Purchase Order Master File
RQxx	MRP Requirement files
WOPO	MRP Open work order/purchase order file

MRP Pegging Data Base Guide

The following will assist you in creating your own MRP reports using the data we copy from the RQxx files, WOPO file, COND file, MRP and MPS planned orders, and reschedule messages for work orders and purchase orders. If you are a quiz user, we have included a schema QPEGSCH and a compiled schema QPEGSCHC. You would use these with a dictionary statement in quiz 'SET DICTIONARY QPEGSCHC.PUB.MMVxxx'.

CONDMAS - MRP Condition File

The dataset condmas is an image representation of the flat file COND Its purpose is to store a record of all parts that were referenced in the MRP run.

CONDPART	U18	Part Number
CONDBUYR	U2	Buyer Code
		Condition Code: 1 = negative on hand 2 = order cancellation 3 = planned order 4 = rescheduled 0 = no action
		The following four variables: 0=false 1=true
CONDNEG	I1	Condition code 1 - negative on hand
CONDCANC	I1	Condition code 2 - order cancellation
CONDPLAN	I1	Condition code 3 - planned order
CONDRES	I1	Condition code 4 - rescheduled
CONDQOH	R2	Quantity on hand at time of MRP run

WOPOFIL - Open work order and purchase order file

The dataset wopofil is an image representation of the flat WOPO file The wopo file is used as a snapshot of the supply records (open work orders and purchase orders) as of the time the MRP was run.

WPPART	U18	Part Number
WPNUM	U10	Work Order or Purchase order number
WPDUEDAT	I1	Po or Wo due date
WPQTY	R2	Supply quantity less shrinkage
WPTYP	I1	wo or po type 4 = Build schedule 3 = MPS planned order 2 = unallocated firm plan wo 1 = work order 0 = regular po -1 = blanket po -2 = interplant po -3 = expired tracked inventory 10 = po requisition
WPACTDAT	I1	MRP scheduled date (action date) wopo
WPWOSTG	I1	Work order status (wopo wstg) -1 = kitted 0 = scheduled > 0 = wip -99 = firm planned

```
WPOQTY       R2      Supply quantity including shrinkage (wopo)
```

RQFIL - Requirement File

The dataset RQFIL is an image representation of all of the flat files name RQ00 thru RQ25. This file stores all of the MRP calculated requirements for a part.

```
RQPART       U18     Part Number
RQREQDAT     I1      Required Date
RQQTYREQ     R2      Quantity Required
RQACTDAT     I1      action date
RQMODQTY     R2      Order quantity (qty requird * order modifiers
RQDEMTYP     I1      Demand type  -1 = work order shortage  (kit)
                                  -2 = unalloc firm plan wo
                                  -3 =  multiple (planned order)
                                        from upper level
                      (sched wo)  -4 = work order allocation
                                  -5 = safety stock
                                  -6 = build schedule
                                  -7 = mps planned order demand
                                 -99 = safety stock
                                 -11 = production forecast
                               1 to 8 = user defined demand table
                                   9 = serviceman
                                  10 = user defined 'sales order'
                                  11 = forecast
                                  12 = omar sales order
                                  13 = interplant transfer
                                >= 14 = user defined 'sales order'
 RQWUPART    U18     Where used field
                     ZERO REQUIREMENT  These are not written to db
                     BELOW SAFETY STOCK                        -99
                     I.P.O.  (po number in positions (9:18))    13
                     S.O.   (number in positions (7:16))  10,12,14
                     S.W.O.  (wo in positions (9:18))           -1
                     Assembly part number of scheduled wo      -4
                     Assembly part number of firm planned wo   -2
                     Assembly part number of last requirement  -3
                     Assembly part number of build schedule    -6
```

SRFIL - Sorted Requirement File

The dataset srfil contains the combined information from the wopofil, rqfil, and mrpplan records. This file is used by the component pegging program to quickly find all of the requirements, supply records, and planned orders for a part. The data set is sorted by SRSORT which is the due date.

```
SRFILTYP     U4      File name WOPO, RQFL or MRPL
SRPART      U18      Part number
SRWUPART    U18      Where used field
```

SRWPNUM	U10	Wopo wo or po number
SRDUEDAT	I1	Due date
SRACTDAT	I1	Action date
SRQTY	R2	Requirement quantity
SRMODQTY	R2	Order modified quantity
SRTYP	I1	Demand/Supply type code
SRWOSTG	I1	wopo work order stage
SRSORT	I1	sort date (req for components need for ass)
SRADDDAT	I1	date requirement initially was generated
SRMRPNO	I1	number of MRP runs this requirement was on

OLDSRFIL - Old Sorted Requirements File

This dataset contains requirements that existed on the last MRP run but did not exist on the most recent MRP run. The system uses this file to determine the number of requirements processed between the last MRP run and the most recent MRP run.

OSFILTYP	U4	File name WOPO, RQFL or MRPL
OSPART	U18	Part number
OSWUPART	U18	Where used field
OSDUEDAT	I1	Due date
OSACTDAT	I1	Action date
OSQTY	R2	Requirement quantity
OSTYP	I1	Demand/Supply type code
OSADDDAT	I1	date requirement initially was generated
OSMRPNO	I1	number of MRP runs this requirement was on

RSFIL - Reschedule file

The dataset rsfil stores the current reschedule messages from the purchase order detail file (pofil) or the open work order file (owof).

RSDOCKEY	U16	concatenated wo/po number + po intentno
RSPART	U18	part number to be rescheduled
RSORGDAT	I1	Current date the item is to arrive
RSSCHDAT	I1	Date system wishes to reschedule to
RSADDDAT	I1	Date reschedule message was orig. added
RSMRPNO	I1	Number of MRP runs this message appeared on
RSFUTI1	I1	Reserved for future use

OLDRSFIL - Old Reschedule file

The oldrsfil data set stores the reschedule messages that were on the last MRP run but did not exist on the most recent MRP run. The system uses this file to determine the number of reschedule messages processed between the last MRP run and the most recent MRP run.

ORDOCKEY	U16	concatenated wo/po number + po intentno
ORPART	U18	Part number to be rescheduled

ORORGDAT	I1	Current date the item is to arrive
ORSCHDAT	I1	Date system wishes to reschedule to
ORADDDAT	I1	Date reschedule message was orig. added
ORMRPNO	I1	Number of MRP runs this message appeared on
ORFUTI1	I1	Reserved for future use

CNTRLMAS - Control Master File

The cntrlmas dataset is used to keep track of the date the MRP data was copied to the pegging data base (most recent MRP run) and the date the MRP data was copied previously (last MRP run).

CMASKEY	I1	Control file Key (always a 1)
CMASDAT	I1	MRP run date
CMASTIME	I2	Time MRP files were copied
CMASLDAT	I1	MRP last run date
CMFUTI1	I1	Future
CMFUTI2	I1	Future

```
 ********************************************************************************
 *   Example of the prompts and 132 column format for a detailed indented Component      *
 *   Pegging of a selected part number (a 80 column view is also available).  In this    *
 *   example we were able to 'peg up' 5 levels to find that the requirement for 1600     *
 *   units of the galvanized ring was needed because of a sales order from Alliance      *
 ********************************************************************************


COMMAND (TEST,MG,60)? LI.896                                        *

List Component Pegging  (v1.0)

ENTER DESIRED OUTPUT OPTION:
  0. LINE PRINTER
  1. TERMINAL, 132 COLUMNS
  2. ENTER LOGICAL DEVICE/DISC FILE, 132 COLUMNS
  3. TERMINAL
OPTION (3)? 1

 DATE OF THE LAST MRP RUN WAS: TUE, JUL 2, 1997
 MRP DATA COPIED TO THE PEGGING DATA BASE ON: 7/2/97  1:06 PM

ENDING REQUIREMENT DATE (C/R = 99/99/99)? 8/1/97  *

LISTING OPTION:
1.  INDENTED
2.  LEVEL BY LEVEL
3.  SUMMARY
OPTION(1)? 1

 DISPLAY OPTION:
 1.  VIEW ONLY BLOWN DOWN UPPER LEVEL REQUIREMENTS
 2.  VIEW ALL UPPER LEVEL REQUIREMENTS
 OPTION(1)? 1

PART NUMBER? 15340            *

PROCESSING  19 RECORDS, LEVEL  0
PROCESSING  15 RECORDS, LEVEL  1
PROCESSING   9 RECORDS, LEVEL  2
PROCESSING   9 RECORDS, LEVEL  3
PROCESSING   8 RECORDS, LEVEL  4
```

PART : 15340 SC:P MINQTY: 1 FLTIME: 28 LOCATION: 648101 QTYONHAND: 15960.00
DESCR: SUPPORTING RING- GALVZD SAFETY: 0 ULTIME: .00 VENDOR : 01216 GROSS REQ: 6663.00
BUYER: 04 REV: ABC:A UOM:EA SHRINK: .00 DTSTCK: 0 UNITCOST: .109 OPEN ORD : .00
CLASS: 6 6215 5340 32000 NODAYS: 30 PANSIZ: 1 EXTDCOST: 1739.64 BALANCE : 9297.00

PART NUMBER/ DESCRIPTION	UM BC	SC LT	DEMAND TYPE	DEMAND WHERE REQUIRED	REQRD/DUE DATE	ACT/NEED DATE	QUANTY PER ASMB	QUANTY REQUIRD	SUPPLY TYPE/ORD	BALANCE
*15340	EA	P	WO SHORT	WO 4321	06/01/97	99/99/99	1.000	100		15860
SUPPORTING RING- GALVZD	04	28		851034						
*15340	EA	P	WO SHORT	WO 2446	06/13/97	99/99/99	1.000	2800		13060
SUPPORTING RING- GALVZD	04	28		851034						
*15340	EA	P	WO SCHED	854766	06/19/97	99/99/99	1.000	500		12560
SUPPORTING RING- GALVZD	04	28								
* 854766	EA	M			06/20/97	07/01/97	1.000	500	WO SCHED	
GROMMIT TO SUPPORT RING	03	0							2573	
*15340	EA	P	SALES ORD	854766	07/01/97	06/29/97	1.000	221		12339
SUPPORTING RING- GALVZD	04	28								
* 854766	EA	M			07/01/97	07/01/97	1.000	221	PLANNED	
GROMMIT TO SUPPORT RING	03	0								
*15340	EA	P	SALES ORD	851034	07/23/97	06/29/97	1.000	621		11718
SUPPORTING RING- GALVZD	04	28								
* 851034	EA	M			06/25/97	05/01/97	1.000	2800	WO KITTD	
ASTROTURN LOUVER BROWN	04	40							2446	
*15340	EA	P	SALES ORD	854766	09/01/97	06/29/97	1.000	1600		10118
SUPPORTING RING- GALVZD	04	28								
* 854766	EA	M	SALES ORD	854772	09/01/97	09/01/97	1.000	1600		
GROMMIT TO SUPPORT RING	03	0								
* 854772	EA	M	SALES ORD	850746	09/01/97	09/01/97	1.000	1600		
BRKTS TO SUPPORT RING	03	0								
* 850746	EA	M	SALES ORD	850680	09/01/97	09/01/97	1.000	1600		
RIVET 3 IN COLLAR BLACK	03	0								
* 850680	EA	M	SALES ORD	851036	09/01/97	09/01/97	1.000	1600		
COLLAR TO FINS BLACK	03	0								
851036	EA	M2	SALES ORD	SO 49209	09/01/97	09/01/97		1600		
ASTROTURN LOUVER BLACK	04	0		ALLIANCE INDUSTR						
*15340	EA	P	MULTIPLE	854766	07/11/97	06/29/97	1.000	17		10101
SUPPORTING RING- GALVZD	04	28								
* 854766	EA	M	MULTIPLE	854772	07/11/97	07/11/97	1.000	17		
GROMMIT TO SUPPORT RING	03	0								
* 854772	EA	M	MULTIPLE	854826	07/11/97	07/11/97	1.000	17		
BRKTS TO SUPPORT RING	03	0								
* 854826	EA	M			07/11/97	07/11/97	1.000	17	PLANNED	
RIVET 3" COLLAR BRN	03	0								

1

****
* Example of the summary format of the Component Pegging Screen (132 wide view) *
****

```
PART : 15340                    SC:P    MINQTY:       1   FLTIME:   28   LOCATION: 648101       QTYONHAND:    15960.00
DESCR: SUPPORTING RING- GALVZD          SAFETY:       0   ULTIME:  .00   VENDOR  : 01216        GROSS REQ:     6663.00
BUYER: 04    REV:     ABC:A    UOM:EA   SHRINK:     .00   DTSTCK:    0   UNITCOST:      .109    OPEN ORD :         .00
CLASS:      6    6215    5340   32000   NODAYS:      30   PANSIZ:    1   EXTDCOST:   1739.64    BALANCE  :     9297.00

PART NUMBER/                   UM SC  ORDER    WO   SAFTY  FIRM  SCHED  FORE  OTHER  TOTAL    QTY PER  PLANNED  SUPPLY  QTY ON
DESCRIPTION                    BC LT  DEMAND  SHORT STOCK  /BLD   WO    CAST   REQ  REQUIRED  ASSEMBLY  ORDERS  ORDERS   HAND
------------                   -- --  ------  ----- -----  ----  -----  ----  ----- --------  --------  -------  ------  ------
15340                           EA P    2442   3225     0   121    828     30    17    6663     1.000         0       0   15960
SUPPORTING RING- GALVZD         04 28
  851034                        EA M    4500      0     0     0      0      0     0    4500     1.000       611    3697     182
  ASTROTURN LOUVER BROWN        04 40
  854766                        EA M    2321    125     0    20    123     30    17    2636     1.000      2136     500       0
  GROMMIT TO SUPPORT RING       03  0
    854772                      EA M    3100   5406     0    20   2923     30    17   11496     1.000      2636       0    8860
    BRKTS TO SUPPORT RING       03  0
      850746                    EA M    3100   1185     0     0     10     30     0    4325     1.000      3371     500     454
      RIVET 3 IN COLLAR BLACK   03  0
      854826                    EA M     621   3261     0    20    213      0   203    4318     1.000       275    2800    1243
      RIVET 3" COLLAR BRN       03  0
        850680                  EA M    3351   1139     0     0     10     30     0    4530     1.000      3391     934     205
        COLLAR TO FINS BLACK    03  0
        854790                  EA M     621   3391     0   101    205      0     0    4318     1.000      1149    3169     -48
        COLLAR TO FINS BRN      03 20
          851036                EA M2   4500      0     0     0      0     30     0    4530     1.000      3381    1149       0
          ASTROTURN LOUVER BLACK04  0
1
 ************************************************************
 *   Example of the List MRP Volatility Screen.  In this    *
 *   example, we are able to find out the number of new     *
 *   mrp messages generated by buyer code, how many of      *
 *   the messages appeared on previous mrp runs and how     *
 *   many messages were processed since the last mrp run.   *
 ************************************************************

COMMAND (ICI,MG, 0)? L,897                                    *

List MRP Volatility     (v1.0)

ENTER DESIRED OUTPUT OPTION:
  0. LINE PRINTER
  1. TERMINAL, 132 COLUMNS
  2. ENTER LOGICAL DEVICE/DISC FILE, 132 COLUMNS
  3. TERMINAL
OPTION (3)? 3

DATE OF THE LAST MRP RUN WAS:  FRI, JUL 11, 1997
MRP DATA COPIED TO PEGGING DATA BASE ON: 07/11/97  8:30 AM

SELECTED BUYER CODE (C/R = ALL)?   *

SELECTED SOURCE CODE (C/R = ALL)?   *

SELECTED ABC CODE (C/R = ALL)?   *

LISTING OPTION:
1.  LIST PLANNED ORDER DETAIL
2.  LIST PLANNED ORDER AND RESCHEDULE DETAIL
3.  SUMMARY LISTING OF PLANNED ORDERS
4.  SUMMARY LISTING OF PLANNED ORDERS AND RESCHEDULES
OPTION(1)? 2

NUMBER OF LEEWAY DAYS TO QUALIFY AS A RESCHEDULE? 2

SORT OPTION:
1. BY BUYER CODE
```

```
2. BY SOURCE CODE
3. BY CLASS CODE
OPTION(1)? 1

FRI, JUL 11, 1997          MRP VOLATILITY SUMMARY                    PAGE:  1
```

	NO OF NEW EXCEP	EXCEPTIONS NOT PROCESSED FROM PREVIOUS MRP RUN 2ND MRP	3RD MRP	4TH MRP	5TH MRP	OVER 5MRP	TOTAL EXCEP ON FILE	PERFORMANCE DATA 07/06/97 TO 07/11/97 NOT PROCSD	WAS PROCSD	PER CENT
BUYER CODE: 11										
RESCHEDULE IN	110	0	0	0	0	0	110	0	0	.0%
RESCHEDULE OUT	27	0	0	0	0	0	27	0	0	.0%
CANCEL	85	0	0	0	0	0	85	0	0	.0%
WO SCHEDULED	2	0	2	0	0	0	4	2	1	33.3%
MULTIPLE	35	31	0	0	0	0	66	31	34	52.3%
WO SHORTAGE	3	0	5	0	0	0	8	5	1	16.7%
SALES ORDER	0	0	1	0	0	0	1	1	0	.0%
SALES ORDER	11	22	61	0	0	0	94	83	23	21.7%
BUYER TOTAL: 11	473	53	69	0	0	0	0	122	59	32.6%

```
1

 ***************************************************
*   Example of the prompts, selection and sort      *
*   options available in the RE,895 Report          *
***************************************************

COMMAND (TEST,MG,60)? RE,895

MRP Action/Reschedule Report  (v3.0)

ENTER DESIRED OUTPUT OPTION:
  0. LINE PRINTER
  1. TERMINAL, 132 COLUMNS
  2. ENTER LOGICAL DEVICE/DISC FILE, 132 COLUMNS
OPTION (0)? 1

DATE OF THE LAST MRP RUN WAS:  WED, APR 23, 1997
MRP DATA COPIED TO PEGGING DATA BASE ON: 07/02/97  2:19 PM

REPORT OPTION:
1.  ACTION MESSAGES AND RESCHEDULE MESSAGES
2.  ACTION MESSAGES ONLY
3.  RESCHEDULE MESSAGES ONLY
OPTION(1)? 1

NUMBER OF LEEWAY DAYS TO QUALIFY AS A RESCHEDULE? 2

SELECTION OPTIONS
1.  ENTER SELECTED BUYER CODE(S)
2.  ENTER SELECTED SOURCE CODE(S)
3.  ENTER SELECTED CLASS CODE(S)
4.  ENTER SELECTED PART NUMBER(S)
5.  ENTER SELECTED VENDOR CODE(S)
6.  SELECT NEW MRP MESSAGES ONLY
7.  ENTER SELECTED PROJECT NUMBER(S)
OPTION (C/R TO CONTINUE)? 1

SELECTED BUYER CODE (C/R = ALL)? 02*

SELECTED BUYER CODE (C/R TO CONTINUE)? 03*

SELECTED BUYER CODE (C/R TO CONTINUE)?   *

SELECTION OPTIONS
```

```
1.  ENTER SELECTED BUYER CODE(S)
2.  ENTER SELECTED SOURCE CODE(S)
3.  ENTER SELECTED CLASS CODE(S)
4.  ENTER SELECTED PART NUMBER(S)
5.  ENTER SELECTED VENDOR CODE(S)
6.  SELECT NEW MRP MESSAGES ONLY
7.  ENTER SELECTED PROJECT NUMBER(S)
OPTION (C/R TO CONTINUE)?

PRIMARY SORT SEQUENCE:
1. BUYER CODE                     7. REQUIREMENT AGE
2. SOURCE CODE                    8. ACTION DATE
3. CLASS CODE (1,2,3 OR 4)        9. MRP REQUIRED DATE
4. PART NUMBER                   10. PO ORIGINAL/WO START DATE
5. VENDOR CODE                   11. PO LATEST/WO DUE DATE
6. VENDOR NAME                   12. PART DESCRIPTION
                                  13. PROJECT NUMBER
OPTION (C/R TO CONTINUE)? 1

PRIMARY SORT SEQUENCE: BUYER CODE
SECONDARY SORT SEQUENCE:
1. BUYER CODE                     7. REQUIREMENT AGE
2. SOURCE CODE                    8. ACTION DATE
3. CLASS CODE (1,2,3 OR 4)        9. MRP REQUIRED DATE
4. PART NUMBER                   10. PO ORIGINAL/WO START DATE
5. VENDOR CODE                   11. PO LATEST/WO DUE DATE
6. VENDOR NAME                   12. PART DESCRIPTION
                                 13. PROJECT NUMBER
OPTION (C/R TO CONTINUE)? 2

1
 ********************************************************************************
 *   Example of the RE,895 Action/Reschedule report.  This report will list what date   *
 *   (age) the requirement originally appeared and how many mrp runs it has appeared    *
 *   on.  This example lists two reschedule messages and one cancellation with the      *
 *   planned order requirements.  The primary vendor number and name is listed on the   *
 *   purchased part at the bottom of the page.                                          *
 ********************************************************************************

 THU, JUL 10, 1997,  2:08 PM                    MRP ACTION/RESCHEDULE REPORT                                          PAGE:  4
 LEEWAY DAYS:     2                             ============================    BY BUYER CODE     SOURCE CODE    PART NUMBER

   B                    R           O                                          MRP   PO ORIG/  PO LATEST                  DEMAND
   U  S  CLASS L  PO ST E        S  P          MRP  QUANTY PO INSP/  ACTION   REQST  WO START  /WO DUE                    TYPE/
   Y  C   CODE T  UM UM V   EOQ  F  C     AGE    NO   DUE   WO COMPL   DATE     DATE     DATE      DATE    WHERE REQUIRED    MESSAGE
   -  -  ----- -  -- -- -   ---  -  -     ---   ---  ------ --------  ------   -----  -------- --------  --------------- --------
 850700             STEEL COLLAR STAINLESS
   03 M     6  30 EA EA        1  0 3  06/28/97  3      146         05/22/97 06/22/97                  S.W.O.  2406      MULTIPLE
                                      07/02/97  2     1600         06/15/97 07/15/97                  850674            SALES ORD
                                      07/08/97  1       30         07/02/97 08/02/97                  850674            FORECAST
                                      07/08/97  1       10         07/30/97 08/30/97                  850674            WO SCHED

 850704             STEEL COLLAR BLANK BLACK
   03 M     6  30 EA EA        1  0 3  06/28/97  3      248         05/07/97 06/07/97                  850710            WO SHORT
                                      07/02/97  2     1600         06/15/97 07/15/97                  850710            SALES ORD
                                      07/08/97  1       30         07/02/97 08/02/97                  850710            FORECAST
                                      07/08/97  1       10         07/30/97 08/30/97                  850710            WO SCHED

 850710             STEEL COLLAR PIERCE BLACK
   03 M     6  30 EA EA        1  0 3  06/28/97  3      248         05/07/97 06/07/97                  850716            WO SHORT
                                      07/02/97  2     1500         06/01/97 07/01/97                  850716            SALES ORD
                                      07/02/97  2     1600         06/15/97 07/15/97                  850716            SALES ORD
                                      07/08/97  1       30         07/02/97 08/02/97                  850716            FORECAST
                                      07/08/97  1       10         07/30/97 08/30/97                  850716            WO SCHED

 850716             STEEL COLLAR ROLL BLACK
```

```
  03 M     6  30 EA EA        1  0 3  06/28/97  3      248         05/07/97 06/07/97                    850722              WO SHORT
                                      06/28/97  3      512         05/26/97 06/26/97                    S.W.O.  2411        WO SHORT
                                      07/02/97  2     1500         06/01/97 07/01/97                    850722              SALES ORD
                                      07/02/97  2     1600         06/15/97 07/15/97                    850722              SALES ORD
                                      07/08/97  1       30         07/02/97 08/02/97                    850722              FORECAST
                                      07/08/97  1       10         07/30/97 08/30/97                    850722              WO SCHED

 850722             RIT COLLAR 4.5 BLACK
  03 M     6  30 EA EA        1  0 3  06/28/97  3      248         05/07/97 06/07/97                    S.W.O.  2405        WO SHORT
                                      06/28/97  3      512    1138          06/07/97 06/26/97 06/30/97 2411                MOVE IN
                                      07/02/97  2     1500         06/01/97 07/01/97                    851036              SALES ORD
                                      07/02/97  2     1600         06/15/97 07/15/97                    851036              SALES ORD
                                      07/08/97  1       30         07/02/97 08/02/97                    851036              FORECAST
                                      07/08/97  1       10         07/30/97 08/30/97                    851036              WO SCHED

 850746             RIT 3 IN COLLAR BLACK
  03 M     6  30 EA EA        1  0 3  06/28/97  3      231         05/22/97 06/22/97                    S.W.O.  2407        WO SHORT
                                      07/02/97  2      500    1200          06/22/97 06/27/97 06/30/97 2415                MOVE IN
                                      06/28/97  3     1500         06/01/97 07/01/97                    850680              SALES ORD
                                      07/02/97  2     1600         06/15/97 07/15/97                    850680              SALES ORD
                                      07/08/97  1       30         07/02/97 08/02/97                    850680              FORECAST
                                      07/08/97  1       10         07/30/97 08/30/97                    850680              WO SCHED

 853724             8X FRONT PANEL              SUM631          SUMMIT ELECTRICAL SUPPLY
  03 P     6  30 EA EA        1  0 3  07/08/97  1      100       0          99/99/99 04/15/97 04/16/97 RMS5432             CANCEL


1
 ************************************************************
 *  Example of the messages generated when copying the MRP  *
 *  files (COND, WOPO, RQxx)  to the pegging data base      *
 ************************************************************



COMMAND (ICI,MG, 0)? U,896                                          *

Pegging data base update utility  (v1.0)

MRP RUN DATA LAST COPIED:07/10/97 10:08 AM

THIS UTILITY COPIES THE DATA FROM YOUR LAST
MRP RUN TO THE PEGGING DATA BASE.  CONTINUE(Y)?   *

DELETING EXISTING PEGGING DATA BASE RECORDS    1:18 PM
COPYING MRP RECORDS TO PEGGING DATA BASE    1:20 PM
COND FILE PROCESSING COMPLETE...    1:20 PM
PROCESSING RQ00   1:20 PM
PROCESSING RQ01   1:20 PM
PROCESSING RQ02   1:20 PM
PROCESSING RQ03   1:20 PM
PROCESSING RQ04   1:21 PM
PROCESSING RQ05   1:21 PM
PROCESSING RQ06   1:21 PM
PROCESSING RQ07   1:21 PM
DATING THE PLANNED ORDER REQUIREMENTS   1:21 PM
PROCESSING WORK ORDER RESCHEDULE MESSAGES   1:21 PM
PROCESSING PURCHASE ORDER RESCHEDULE MESSAGES   1:21 PM
DATING THE RESCHEDULE MESSAGES   1:22 PM
COPY OF FILES TO PEGGING DATA BASE COMPLETE    1:22 PM

COMMAND (ICI,MG, 0)? E                                              *
```