

**Vendor Performance Measurement System
User Manual**

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Vendor Performance Measurement System

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Features of Vendor Performance Measurement System Release 6.5

Combine data from more than one purchasing data base

If you have more than one manufacturing data base on your system, and you wish to create Vendor Performance reports based on the combined information in all of the databases, you can now enter up to two or more data base numbers to extract the data from.

Multiple selections in RE,491

The RE,491 Vendor Delivery Performance Report, will not prompt for more than one selection. The previous version of RE,491 only allowed selection by one field. The new version will prompt you for combinations of fields to select by. For example, previously you could select by vendor code. Now you can select by vendor code, and part number.

Combine Receipts made the same day

There has been a new prompt added to the RE,491 and RE,494 reports:

SHOULD RECEIPTS MADE THE SAME DAY FOR THE SAME PO LINE BE TREATED AS ONE RECEIPT(N)?

This option will combine receipts made on the same day to the same po line into 'one' receipt. This option is useful for customer that do multiple TR,4xx transaction on a po line to put the material in different locations, or different lot numbers.

Ignore Return Reason Code for errors

If you need to return parts to a vendor, each return is counted as a penalty to the vendor. Often, a purchase order could be placed for the wrong quantity or for the wrong part number. In these and other cases, you may wish to return the goods to the vendor without effecting his score. A return reason code of "RR" will be ignored by the Vendor Performance system and accommodate these types of returns.

Features of Vendor Performance Measurement System Release 6.0

Account Number Selection and Exclusion

A new selection and exclusion option has been added to the

Vendor Delivery Performance Report RE,491. You can now enter a series of manufacturing account numbers that you can exclude from reporting or include for reporting within the program.

Improved Screen Navigation in UT,497

The UT,497 Non-Conformance Maintenance screen now allows you to back up to the prior field, if the user enters a ^ (carat) sign.

Features of Vendor Performance Measurement System Release 5.5

User Definable Grades and Scores

Previously, the grades (ie. A+) that would print out on the Vendor Score Calculation program (RE,494) were fixed. A score of 98 to 100 was an A+, 93 to 98 was an A, etc. Within the scorecard master maintenance command (UT,494) a new option has been added which will allow the user to maintain these values. New two character grade numbers and the range of scores associated with the grade may be assigned.

Non-conformance Report - New commands

A new Non-Conformance report (RE,497) has been added to the Vendor Performance Measurement package. The purpose of the new report is to separately list the non-conformance entries from the receipt and returns in the rest of the reports.

New Manufacturing Calendar option

The 'number of days late' calculation has been enhanced to allow the user to perform the calculation based on the Manman manufacturing calendar. The prompt 'exclude weekends from days late calculation?' has been replaced by a new prompt which will allow you to use the full calendar, the calendar less weekends, or the manufacturing calendar. This change is in both the RE,491 Vendor Performance Measurement report, and the RE,494 Vendor Performance Score Report and Letters.

List option for Non-conformance tables

Command UT,494, the non-conformance table maintenance command, will now allow the user to list the values of the non-conformance tables by entering a '?' at the prompt.

Features of Vendor Performance Measurement System Release 5.0

Non-conformance Entry System - New commands

The Vendor Performance Measurement data base has new datasets added to record a non-conformance of a part. The non-conformance entry system allows you to record a defect or other issue with your supplier without performing a Manman return to vendor transaction. This is useful in cases where parts were received that were defective but reworked, or used as is, rather than returned.

Two new commands were added to the Vendor Performance Measurement system to support the non-conformance feature. Command UT,497 allows you to add, change or delete a non-conformance entry. Several fields are available to describe the non-conformance. In addition, new tables for defect code, disposition, and source were added to the data base for you to define codes applicable to your manufacturing environment. Command LI,497 is the second new command added to the Vendor Performance Measurement system which will allow you to list an existing non-conformance entry.

Non-conformance Enhancement - Existing commands

The UT,494 Maintain Score Card values utility has been enhanced to allow the user to set up two new penalties for non-conformances. The first is a penalty for each (number of) non-conformance, and the second is a penalty for each 1% of non conforming parts received. In addition, the UT,494 command has been enhanced to maintain a new set up tables used by the non-conformance entry screen. The new tables include a set of comin variables to determine which fields are optional or required, and tables for defect code, disposition and source.

The RE,494 Generate Vendor Scores and Letters command, now includes the two new non-conformance penalties and will list the calculations on the Vendor Score report.

The RE,491 Vendor Delivery Performance Report has a new option to include any non-conformance entries. The non-conformance entries will be listed as part of the detail of the report as an exception. In addition, two new totals have been added to the report to list the number of non-conformances, and the quantity (percent) of non conforming parts received.

Features of Vendor Performance Measurement System Release 4.0

New Vendor Performance Download Option

The Vendor Performance Measurement report (RE,491) has a new report option which will write detail, subtotal, and total data to a 400 character flat ascii file. This file is suitable for downloading. In addition a small quiz schema and sample program is including to import this data into quiz.

New Measurement Date Options

The Manman system has traditionally measured performance based on the original date and latest date. These dates are captured on the receipt history file at time of receipt. We have added two new date options for the original and latest date 'currently on file'. These new options allow you to correct the latest or original date after time of receipt to correct a date that may have been in error. Once the correction has been made your vendor's performance statistics will change accordingly.

New display for return transactions

If you print the detail on the RE,491 (Vendor Delivery Performance report), the return transactions will be listed as 'negative' quantities received. Previously, you had to know that a TR,404 represented a return transaction on the report.

Getting Started with Vendor Performance Letters

The Vendor Performance Measurement system allows you to create different templates of performance letters you can mail or fax to your vendors. Command MA,494 allows you to add, change, delete, copy or list a six character letter number that you define. A performance letter may be used for all vendors, a selected group of vendors, or an individual vendor.

When you first execute MA,494, three default performance letters are added to the system: EXCEL, AVERAG, POOR. We recommend you use these letters as an example of how to use the performance letter system. You are welcome to modify the default letters or use the copy function of MA,494 to copy one of the three default letters to a new letter number. You can then tailor the new letter number to your desired format.

Within the text of the letter number, you will find several substitutable fields that are surrounded by < > or [] signs. The substitutable fields allow you to personalize the letter with the vendors name, address, fax number, and statistics regarding the vendor's performance. You will find a list of substitutable fields on the next page.

Performance letters are printed by using command RE,494. There are two ways in which you may generate a performance letter. The first is on demand; you enter the vendor number to generate a letter for. The second way is to create performance letters for a group of suppliers. This is done by selecting vendors who have achieved a 'score' in the range you specify (zero to 100). Therefore, you can specify a pleasantly worded letter for vendors who achieve a high score, and a less pleasantly worded letter for vendors who have achieved a low score.

We recommend you take advantage of defining a range of scores for each letter number you intend to use within command UT,494. By doing so, the RE,494 calculates the score of the vendor, goes to the score card file and retrieves the appropriately worded letter number based on the score the vendor has achieved.

RE,494 also allows you to restrict letter creation to your most active suppliers by allowing you to specify a minimum number of receipts and dollars spent for the period selected.

Vendor Performance Letters Substitutable Fields

To qualify as a substitutable field, the field name must be surrounded by < > signs or [] signs. The < > sign represents 'variable length' printing; the spacing used is the length of text or number printed. The [] sign represents 'fixed length' printing; the spacing will be the fixed regardless of the size of the number or text. The [] is used in printing columns of data so that all of the columns line up underneath one another.

For example, if your letter read:

It would print out as: Last month, we received <NORECV> shipments.

Last month, we received 2 shipments.

If your letter read:

It would print out as: Last month, we received [NORECV] shipments.

Last month, we received 2 shipments.

List of Substitutable Fields

Dates

<TODAY> today's date
 <BEGDAT> beginning date of measurement period
 <ENDDAT> ending date of measurement period
 <E3DAYS> 3rd number of days early variable
 <E2DAYS> 2nd number of days early variable
 <E1DAYS> 1st number of days early variable
 <L1DAYS> 1st number of days late variable
 <L2DAYS> 2nd number of days late variable
 <L3DAYS> 3rd number of days late variable

Demographics

<VNDVC> vendor code
 <VNDNAM> vendor name
 <VNDAD1> vendor address line 1
 <VNDAD2> vendor address line 2
 <VNDAD3> vendor address line 3
 <VNDAD4> vendor address line 4
 <VNDAD5> vendor address line 5
 <VNDTEL> vendor telephone number
 <VNDFAX> vendor fax number

Quantity Statistics

<QTYREC> quantity received
 <QTYRET> quantity returned
 <QTYNET> net quantity received
 <PERMIL> parts per million returned
 <QTYNC> quantity non-conformed

Number of Orders Statistics

<NORECV> orders received
 <NORET> orders returned
 <NOOFNC> number of non-conformances
 <PARTL> orders partially received
 <NORE3> orders received before 3rd early days variable
 <NORE2> orders received before 2nd and after 3rd days early
 <NORE1> orders received before 1st and after 2nd days early
 <NOROT> orders received on-time
 <NORL1> orders received after 1st and before 2nd days late
 <NORL2> orders received after 2nd and before 3rd days late
 <NORE3> orders received after 3rd days late
 <NOREAR> orders received early (sum of E1, E2, and E3)
 <NORLAT> orders received late (sum of L1, L2, and L3)

Dollars Statistics

<NETDOL> net dollars received (received minus returned dollars)
 <DOLREC> dollars received
 <DOLRET> dollars returned
 <DOLE3> dollars received before 3rd early days variable
 <DOLE2> dollars received before 2nd and after 3rd days early
 <DOLE1> dollars received before 1st and after 2nd days early
 <DOLOT> dollars received on-time
 <DOLL1> dollars received after 1st and before 2nd days late
 <DOLL2> dollars received after 2nd and before 3rd days late
 <DOLE3> dollars received after 3rd days late
 <DOLEAR> dollars received early (sum of E1, E2, and E3)
 <DOLLAT> dollars received late (sum of L1, L2, and L3)

Percentages

<NORRTP> percent of orders returned
 <NONCP> percent of orders with non-conformance
 <PARTLP> percent of orders partially received
 <NORE3P> percent of orders received before 3rd early days variable
 <NORE2P> percent of orders received before 2nd and after 3rd days early
 <NORE1P> percent of orders received before 1st and after 2nd days early
 <NOROTP> percent of orders received on-time
 <NORL1P> percent of orders received after 1st and before 2nd days late
 <NORL2P> percent of orders received after 2nd and before 3rd days late
 <NORL3P> percent of orders received after 3rd days late
 <NOREAP> percent of orders received early (sum of E1, E2, and E3)
 <NORLAP> percent of orders received late (sum of L1, L2, and L3)
 <DOLRTP> percent of dollars returned
 <DOLE3P> percent of dollars received before 3rd early days variable
 <DOLE2P> percent of dollars received before 2nd and after 3rd days early
 <DOLE1P> percent of dollars received before 1st and after 2nd days early
 <DOLOTP> percent of dollars received on-time
 <DOLL1P> percent of dollars received after 1st and before 2nd days late
 <DOLL2P> percent of dollars received after 2nd and before 3rd days late
 <DOLE3P> percent of dollars received after 3rd days late

<DOLEAP> percent of dollars received early (sum of E1, E2, and E3)
<DOLLAP> percent of dollars received late (sum of L1, L2, and L3)
<REJECPP> percent of orders returned
<ACCEPP> percent of orders accepted
<SCOSTP> percent variance from standard cost
<OVERRP> percent of dollars over received
<SCORE> the score calculated for the vendor
<RATING> the rating calculated for the vendor (A to F)

Vendor Scorecards and Ratings

The Vendor Performance Measurement system allows you to assign a score to your suppliers based upon their performance. The concept is similar to a school report card. For each delivery, the vendor receives 100 points. Points are deducted from each delivery if the vendor is too late, early, shipped partially, etc. The system comes with a default set of penalties that are applied to all vendors in the data base. The default values are:

<u>Event</u>	<u>Score</u>
Each receipt	+100
Each 1% quantity returned	-0
Returned shipment transaction	-50
Partial shipment transaction	-20
Over shipment transaction	-10
Received before 3rd early days variable	-20
Received before 2nd and after 3rd early days variable	-10
Received before 1st and after 2nd early days variable	-5
Received after 1st and before 2nd late days variable	-15
Received after 2nd and before 3rd late days variable	-30
Received after 3rd late days variable	-50

For example: if you received two shipments from your supplier; the first was a few days late, the second was a few days early:

First receipt	100 points	(minus 15 late penalty)	= 85
Second receipt	100 points	(minus 5 early penalty)	= 95
Vendor's cumulative score			= 90 (Grade A-)

The system also allows you to deduct points from the vendors score based on the number of non conforming parts (quantity returned). You may deduct as many points as you want based on each 1% of the parts returned. For example, if you ordered a total of 1000 parts from the supplier during the period and returned 75, this would equal a 7.5% return rate. If you set the penalty for 2 points off for each 1% returned, the penalty would be 15 points.

We recommend that if you will using a quantity returned penalty that you do not use a penalty on the number of return transactions and vice versa.

Grades are assigned based upon the Vendor's score. The grading values are:

98 - 100 = A+	80 - < 82 = B-	62 - < 68 = D
92 - < 98 = A	78 - < 80 = C+	60 - < 62 = D-
90 - < 92 = A-	72 - < 78 = C	under 60 = F
88 - < 90 = B+	70 - < 72 = C-	
82 - < 88 = B	68 - < 70 = D+	

A new option (5) within UT,494 will now allow you to set your own ranges of values for grades instead of the default values listed above. Please be aware that the values are stored as whole numbers. If a vendor receives a score of 97.9 the system will round up to the nearest whole number - 98.

The Scorecard value utility (UT,494) allows you to define penalties for all vendors in the data base, or define penalties for selected vendors. You may also use the Scorecard utility to establish unique 'late' and 'early' days to a specific vendor. The late and early days define which deliveries are considered 'on-time'.

Prior to creating the Vendor Performance Letters, we recommend you run the Vendor performance score report option of RE,494. This will detail the vendors selected and allow you to view how the vendors score was calculated for each category. Then you can fine tune your penalties in UT,494 based on your environment, and run the score report until you are satisfied with the results.

In circumstances where you wish to return parts, and do not want to effect the vendors score. Set up a return reason code of "RR" within the Manman system (MG,UT,830). Return transactions with a return reason code of "RR" are ignored by the Vendor Performance system. The RR return reason code is useful in cases where you placed an order and mistakenly ordered the wrong quantity or the wrong item.

MA,494 Maintain Vendor Performance Letters

This command is used to maintain a template of a vendor performance letter. Each performance letter has a six character 'letter number' associated with it. You will be entering the letter number desired when you print your letters with the RE,494 command, or you can associate this letter with a default range of scores within command UT,494.

We recommend you familiarize yourself with 'Getting Started with Performance Letters' chapter earlier in this manual prior to using this command.

When you create a letter template, you have the option of placing one or more 'substitutable' fields within the text of your letter. These are specific values from the vendor master files and statistics gathered on your vendors performance.

There are three default letters added to the data base the first time you execute MA,494. The letter numbers are: EXCEL, AVERAG, POOR. We recommend you use these letters as an example of how to use the performance letter feature. The 'copy' action will allow you to copy the default letter numbers to a letter number of your choice.

Prompts

The MA,494 screen is a VPLUS screen and utilizes the 'tab' key to move from field to field. Use F4 (accept) to process a newly entered letter number or to use the scroll box. Use F2 (backward) or F3 (forward) to move 13 lines at a time within your letter.

ACTION

Enter one of the following actions:

- L = list
- A = add
- C = change
- D = delete
- CO or O = copy

LETTER NUMBER:

Enter the letter number. If you are doing any action other than an Add, press the 'F4' key to display the existing text of the letter.

SCROLL:

If you have more than fourteen lines of text associated with this letter number, enter a positive number in the scroll field to advance forward in the letter text. For example, by entering 10 you will be advanced ten lines forward in the text. Conversely, by entering -10 you will be advanced ten

lines backward in the letter's text.

EDIT

This field is used to delete, insert or copy existing text within the letter. Enter a 'D' in the edit column to delete a line. Enter an 'I' in the edit column to insert text between lines. Enter a 'C' in the edit column to copy text.

LETTER TEXT

Enter free form text of the note you wish to enter.

When you have completed your maintenance, press the F1 key to update the data base.

To exit, press F8 (more), and then F7 (exit).

Files Accessed

LETRFIL Performance Letter file (updated)

RE,491 Vendor Delivery Performance Report

The purpose of the Vendor Delivery Performance report is to allow you to quickly gather purchasing information on a selected vendor, part number, class code, purchase order, or buyer code. The report allows you to create one page summary reports, or create summary reports with the supporting detail. You have the option of measuring delivery performance on inventory items only, inventory and expense purchases, or all types of purchases. You may use the default values of days 'early' and 'late' variables in your comin variables, or define your own early and late variables. The report offers several sort options that define which totals and subtotals will be listed.

Prompts

Displays output options.

OPTION (3)?

Specify a '2' and a disc file name if you will be downloading this information (report option 6).

COMBINE PURCHASING DATA FROM OTHER DATABASES (N)?

If you have more than one manufacturing data base, and wish to extract and combine transactions from more than one data base, then enter 'Y' to this prompt.

If you enter 'Y' to this prompt, the following prompt appears:

FIRST DATA BASE NUMBER TO BE EXTRACTED IS: 0

NEXT DATA BASE NUMBER TO EXTRACT (C/R = CONTINUE)?

The data base number you currently reside in is selected and you are asked to enter another data base number to extract data from. When finished, entering data base numbers, press return.

SHOULD RECEIPTS MADE THE SAME DAY FOR THE SAME PO LINE BE TREATED AS ONE RECEIPT(N)?

If you do more than one TR, 4xx transaction on a po line on the same day, you have an opportunity to treat this as one event instead of more than one receipt. This is an advantage to users that receive goods into more than one location or into different lot numbers during the receiving process.

STARTING RECEIPT/RETURN DATE?

ENDING RECEIPT/RETURN DATE?

Enter the time period for which you wish to collect statistics.

MEASURE VENDORS PERFORMANCE BASED ON:

1. ORIGINAL DATE (AT TIME OF RECEIPT)
2. LATEST DATE (AT TIME OF RECEIPT)
3. REQUESTED DATE
4. STOCK DUE DATE

5. ORIGINAL DATE (CURRENTLY ON FILE)
 6. LATEST DATE (CURRENTLY ON FILE)
 OPTION(1)?

To measure which deliveries are on-time, we will be comparing the date received with one of the four possible purchase order dates on the system. This prompt allows you to specify which of the four dates you would like to compare the receipt date against to measure days early, on-time, and days late.

Traditionally, Manman has measured performance based on the original date and latest date (options 1 and 2). These dates are captured on the receipt history file at time of receipt. Options 3 through 6 use the date on the purchase order file. This allows you to correct any dates that may have been in error after the time of receipt, and adjusts your vendor's performance statistics accordingly.

YOUR NUMBER OF DAYS EARLY BUCKETS (CV 122,123,124) ARE: 99, 99, 99
 YOUR NUMBER OF DAYS LATE BUCKETS (CV 125,126,127) ARE: 99, 99, 99
 WOULD YOU LIKE TO REVISE YOUR EARLY/LATE BUCKETS (N/Y)?

This prompt lists the number of days late and number of days early categories you have defined in your purchasing comin variable numbers 122 through 127. If you are satisfied with these summarizations, enter 'N'. If you would like to enter new ranges of days early and late, enter 'Y' and the following prompts will appear:

OVER 99 DAYS EARLY
 99 TO 99 DAYS EARLY
 99 TO 99 DAYS EARLY
 ON-TIME 99 DAYS EARLY TO 99 DAYS LATE
 99 TO 99 DAYS LATE
 99 TO 99 DAYS LATE
 OVER 99 DAYS LATE

The above will move your curser from variable to variable and allow you to define your 3 days early categories, your definition of an on-time shipment, and your 3 days late categories.

CALENDAR OPTION:

1. EXCLUDE WEEKENDS FROM DAYS LATE/EARLY CALCULATION
 2. DO NOT EXCLUDE WEEKENDS FROM DAYS LATE/EARLY CALCULATION
 3. USE THE MANUFACTURING CALENDAR TO CALCULATE DAYS EARLY AND LATE
- OPTION(1)?

If you respond '1' to the above prompt, the program will calculate the number of weekends that were between the date received and promised and subtract that number of days from the days late or early statistics. This option is used to more accurately reflect late and early shipments if you do expect the receipt of goods on weekends. If you select a '2' then the number of days, late and early will be based on the full 365 day calendar. Using option 3 will calculate the

days late and early based on your current manufacturing calendar. Since the manufacturing calendar usually holds 2 to 3 years of past and future planning days, beware that you may not be able to use the manufacturing calendar for reporting 'old' receipt history records because the receipt date will fall before your current manufacturing calendar.

REPORT OPTION:

1. PRINT DETAIL, SUBTOTAL AND TOTALS
2. PRINT DETAIL AND TOTALS ONLY
3. PRINT TOTALS ONLY
4. PRINT LATE SHIPMENT EXCEPTION DETAIL AND TOTALS ONLY
5. PRINT ALL EXCEPTION DETAIL AND TOTALS ONLY
6. CREATE ASCII FILE OF DETAIL

OPTION(1)?

Option 1 prints all receipt detail, a subtotal (based on your secondary sort sequence, and a summary (total) report page based on your primary sort sequence. Option 2 is the same as option 1 without subtotals. Option 3 generates summary reports only. Option 4 generates a summary report and lists the detail of any receipts that were late. Option 5 generates a summary report and lists the detail of any receipt that was early, late, returned, partial, or overshipped. Option 6 will write the detail, subtotals and totals to a 400 character ascii file under the file name the user specifies in the output options (see the ASCII file format section below for further detail).

DATA GATHERING OPTION:

1. DOLLAR AND ORDER STATISTICS - INVENTORY
2. DOLLAR AND ORDER STATISTICS - INVENTORY AND EXPENSED
3. DOLLAR AND ORDER STATISTICS - ALL PO TYPES
4. QUANTITY AND ORDER STATISTICS - INVENTORY
5. QUANTITY AND ORDER STATISTICS - INVENTORY AND EXPENSED
6. QUANTITY AND ORDER STATISTICS - ALL PO TYPES
7. QUANTITY AND ORDER STATISTICS - ALL PO TYPES AND
non-conformance ENTRIES

OPTION(1)?

If you would like to generate totals of dollars spent, enter 1, 2 or 3. If you would like to generate totals of quantities received and returned, enter a 4, 5, or 6. If you wish to include non-conformance entries from UT, 497, select option number 7.

ENTER DESIRED SORT OPTION:

1. VENDOR CODE, PART NUMBER
2. VENDOR NAME, PART NUMBER
3. BUYER CODE, PART NUMBER
4. PURCHASE ORDER, PART NUMBER
5. PART NUMBER, VENDOR CODE
6. CLASS CODE, PART NUMBER
7. BUYER CODE, VENDOR CODE, PART NUMBER

OPTION(1)?

Enter the sort sequence you wish the report to appear in.

The report will create one page summary reports on the first variable listed, and subtotals on the second variable listed.

SELECTION OPTIONS:

1. ENTER A SELECTED VENDOR(S)
2. ENTER A SELECTED BUYER CODE(S)
3. ENTER A SELECTED CLASS CODE(S)
4. ENTER A SELECTED PART NUMBER(S)
5. ENTER A SELECTED PURCHASE ORDER(S)
6. SELECT ALL RECORDS IN DATE RANGE

OPTION(6)?

This prompt allows you to select specific vendors, buyer codes, class codes, part numbers, or purchase orders. You may enter up to ten different codes per report. To select all records, enter option 6. If you entered options 1 through 5 one of the following prompts will appear:

Option 1:

VENDOR CODE OR SEARCH STRING?

Our software allows you to enter either the vendor number or the first few characters of the vendor name. If you enter the vendor name, it will display the vendor information it matches upon, or if there is more than one match, which vendor code from the list to choose from.

1. ENTER VENDORS TO SELECT
 2. ENTER VENDORS TO EXCLUDE
- OPTION (1)?

You may enter vendor numbers to select with option 1, or may enter the vendor numbers to exclude (select all receipts except for the vendors I will enter).

Option 2:

BUYER CODE?

Enter a selected buyer code from the item master record.

Option 3:

CLASS CODE GROUP(1)?

Enter the class group group (1, 2, 3 or 4) you will be entering class codes for.

CLASS CODE?

Enter the class code from the item master record to select.

Option 4:

PART NUMBER?

Enter the part numbers you wish to select

Option 5:

PURCHASE ORDER?

Enter the purchase order numbers you wish to select

After entering up to 50 of the above codes, press 'E' or

return to continue.

The program returns to the SELECTION OPTION prompt and you are allowed to enter additional selection criteria. the program will print the message:

** ENTER YOUR NEXT SELECTION OR 'E' TO CONTINUE **

Enter an "E" to begin creating the report.

Performance Considerations

The following are list of considerations you may wish to consider when using RE, 491:

1. If you enter selected vendors or part numbers, the report uses a keyed retrieval to create your report very quickly.
2. The report will run longer if you sort on vendor name. The vendor name must be retrieved for each receipt which can slow down the retrieval of data.

Files Accessed

IM	Item master file
POFIL	Purchase Order detail file
POMAS	Purchase Order master file
RCHSFIL	Receipt History file
VNDMAS	Vendor Master file
VNDNAME	Vendor Master name search file

Report Format

Detail report

Part number	
Buyer Code	(BCODE - IM)
Purchase Order number	(RCPO - RCHSFIL)
Purchase Order line no	(POLINE - POFIL)
Date of Purchase Order	(POOD - POMAS)
Original date, latest date, requested date, or stock due date	(RCVPD, RCLDD, POREQSTD, POSDD)
Date Received or Returned	(RCTRDATE - RCHSFIL)
Receiver Number	(RCRECNUM - RCHSFIL)
or non-conformance Number	(NCNO - NCFIL)
Unit Cost	(RCPOUC - RCHSFIL)
Quantity Ordered	(RCOQ - RCHSFIL)
Quantity Received/Returned	(RCQTY - RCHSFIL)
or non-conformance Quantity	(NCQTYREJ - NCFIL)
Purchasing Unit of Measure	(RCPOUOM - RCHSFIL)
Command number	(RCCMD - RCHSFIL)

If you select report option 6, you have the option of creating a flat ascii file suitable for downloading. If you would like to import this data into quiz, refer to file RE491QZ.PUB.MMVxxx for an example on how to do so.

RECORD TYPE	1: 2	(record position:length of field)	
DE = Detail	SU = subtotal	TO = total	GR = grand total

VENDOR CODE	3: 10
PART NUMBER	13: 18
BUYER CODE	31: 2
PO NUMBER	33: 10
PO LINE	43: 6
ORDER DATE	49: 8
DUE DATE	57: 8
RECEIPT DATE	65: 8
RECEIVER NUMBER	73: 10
UNIT PRICE	83: 12
QUANTITY ORDERED	95: 12
QUANTITY RECEIVED	107: 12
UNIT OF MEASURE	119: 2
COMMAND	121: 6
EXTENSION	127: 12
NO OF RECEIPTS	139: 8
NO OF RETURNS	147: 8
NO OF PARTIAL	155: 8
NO OF OVERSHIP	163: 8
NO OF RECV EARLY3	171: 8
NO OF RECV EARLY2	179: 8
NO OF RECV EARLY1	187: 8
NO OF RECV ON TIME	195: 8
NO OF RECV LATE 1	203: 8
NO OF RECV LATE 2	211: 8
NO OF RECV LATE 3	219: 8

The following fields will contain either dollars or quantities depending on the option the user selected

DOLLARS RECEIVED	227: 12
DOLLARS RETURNED	239: 12
DOLLARS OVER SHIP	251: 12
DOLLARS RECV EARLY3	263: 12
DOLLARS RECV EARLY2	275: 12
DOLLARS RECV EARLY1	287: 12
DOLLARS RECV ONTIME	299: 12
DOLLARS RECV LATE1	311: 12
DOLLARS RECV LATE2	323: 12
DOLLARS RECV LATE3	335: 12
DOLLARS RECV AT STD	347: 12
NET DOLLARS	359: 12

RE,494 Generate Vendor Performance Scores and Letters

The purpose of this command is to calculate the scores of your vendors. You may choose create a vendor score report which lists the scores of each vendor you select and how the score was calculated, or you may generate letters for your vendors. We recommend you initially run this command in the following manner:

1. Run the RE,494 command using the 'score report' option
2. Review the score report and use UT,494 to reduce or increase the penalties defined in the system based on your environment.
3. Run the RE,494 command again using the 'score report' option until you are satisfied with the scores the system is generating based on your vendors performance.
4. Set up your performance letters using MA,494 and UT,494 and run this command using the 'performance letter' option to create letters to send to your vendors.

If you will be generating letters, you must have run MA,494 prior to using this command. If you want this program to select what letter number to print based on the score the vendor has achieved, you must run UT,494 option 4 to associate the letter number with a range of scores.

Prompts

Displays output options.
OPTION (3)?

COMBINE PURCHASING DATA FROM OTHER DATABASES (N)?

If you have more than one manufacturing data base, and wish to extract and combine transactions from more than one data base, then enter 'Y' to this prompt.

If you enter 'Y' to this prompt, the following prompt appears:

FIRST DATA BASE NUMBER TO BE EXTRACTED IS: 0
NEXT DATA BASE NUMBER TO EXTRACT (C/R = CONTINUE)?

The data base number you currently reside in is selected and you are asked to enter another data base number to extract data from. When finished, entering data base numbers, press return.

SHOULD RECEIPTS MADE THE SAME DAY FOR THE SAME PO LINE BE TREATED AS ONE RECEIPT(N)?

If you do more than one TR,4xx transaction on a po line on the same day, you have an opportunity to treat this as one event instead of more than one receipt. This is an advantage to users that receive goods into more than one location or into different lot numbers during the receiving process.

REPORT OPTION:

1. CREATE VENDOR PERFORMANCE LETTERS
 2. CREATE VENDOR SCORE CALCULATION REPORT
- OPTION(1)?

Enter a '1' to create vendor performance letters using a letter template on file. Enter a '2' to list the details of how vendor scores are calculated. We recommend you run the score calculation report when you are first getting started so you can familiarize yourself with the calculations and make any adjustments in the penalties with UT, 494.

STARTING RECEIPT/RETURN DATE?

ENDING RECEIPT/RETURN DATE?

Enter the time period for which you wish to collect statistics.

MEASURE VENDORS PERFORMANCE BASED ON:

1. ORIGINAL DATE (AT TIME OF RECEIPT)
 2. LATEST DATE (AT TIME OF RECEIPT)
 3. REQUESTED DATE
 4. STOCK DUE DATE
 5. ORIGINAL DATE (CURRENTLY ON FILE)
 6. LATEST DATE (CURRENTLY ON FILE)
- OPTION(1)?

To measure which deliveries are on-time, we will be comparing the date received with one of the four possible purchase order dates on the system. This prompt allows you to specify which of the four dates you would like to compare the receipt date against to measure days early, on-time, and days late.

Traditionally, Manman has measured performance based on the original date and latest date (options 1 and 2). These dates are captured on the receipt history file at time of receipt. Options 3 through 6 use the date on the purchase order file. This allows you to correct any dates that may have been in error after the time of receipt, and adjusts your vendor's performance statistics accordingly.

YOUR NUMBER OF DAYS EARLY BUCKETS ARE: 99, 99, 99

YOUR NUMBER OF DAYS LATE BUCKETS ARE: 99, 99, 99

WOULD YOU LIKE TO REVISE YOUR EARLY/LATE BUCKETS (N/Y)?

This prompt lists the number of days late and number of days early categories you have defined in your purchasing comin variable numbers 122 through 128. If you are satisfied with these summarizations, enter 'N'. If you would like to enter new ranges of days early and late, enter 'Y' and the following prompts will appear:

OVER 99 DAYS EARLY
 99 TO 99 DAYS EARLY
 99 TO 99 DAYS EARLY
 ON-TIME 99 DAYS EARLY TO 99 DAYS LATE

99 TO 99 DAYS LATE
 99 TO 99 DAYS LATE
 OVER 99 DAYS LATE

The above will move your cursor from variable to variable and allow you to define your 3 days early categories, your definition of an on-time shipment, and your 3 days late categories.

CALENDAR OPTION:

1. EXCLUDE WEEKENDS FROM DAYS LATE/EARLY CALCULATION
2. DO NOT EXCLUDE WEEKENDS FROM DAYS LATE/EARLY CALCULATION
3. USE THE MANUFACTURING CALENDAR TO CALCULATE DAYS EARLY AND LATE OPTION(1)?

If you respond '1' to the above prompt, the program will calculate the number of weekends that were between the date received and promised and subtract that number of days from the days late or early statistics. This option is used to more accurately reflect late and early shipments if you do expect the receipt of goods on weekends. If you select a '2' then the number of days, late and early will be based on the full 365 day calendar. Using option 3 will calculate the days late and early based on your current manufacturing calendar. Since the manufacturing calendar usually holds 2 to 3 years of past and future planning days, beware that you may not be able to use the manufacturing calendar for reporting 'old' receipt history records because the receipt date will fall before your current manufacturing calendar.

REPORT OPTION:

1. INVENTORY ITEMS ONLY
 2. INVENTORY AND EXPENSED ITEMS
 3. ALL PURCHASE ORDER TYPES
 4. ALL PURCHASE ORDER TYPES AND NON-CONFORMANCE ENTRIES
 5. INVENTORY ITEMS AND NON-CONFORMANCE RECORDS", /,
- OPTION(1)?

You may gather statistics on inventory purchases only (types 1 and 11), inventory and expensed purchases only (types 1, 3, 11 or 13), or gather statistics on all purchases. Option 4 will include purchases and non-conformance entries. Option 5 will gather Inventory and non-conformance entries only.

WOULD YOU LIKE TO CREATE PERFORMANCE LETTERS:

1. BY ENTERING A VENDOR NUMBER(S)
 2. FOR ALL VENDORS THAT MEET THE CRITERIA TO BE ENTERED
- OPTION(2)?

If you select option 1, the following prompt will appear:

VENDOR CODE OR SEARCH STRING?

Our software allows you to enter either the vendor number or the first few characters of the vendor name. If you enter the vendor name, it will display the vendor information it matches upon, or if there is more than one match, which vendor code from the list to choose from.

You may enter up to 10 different vendor numbers.

If you select option 2, the following prompts appear:

MINIMUM NUMBER OF RECEIPTS (C/R = 1)?

Enter the minimum number of receipts the vendor must have had during the time period to be included. The purpose of this prompt is to allow you to generate letters for only your most active suppliers.

MINIMUM DOLLAR AMOUNT RECEIVED (C/R = ALL)?

Enter the minimum dollar amount of goods the vendor shipped during the time period to be included.

MINIMUM SCORE (C/R = 0)?

MAXIMUM SCORE (C/R = 100)?

Enter the minimum and maximum score the vendor must have achieved to be included. The purpose of this is to allow you to print a pleasantly worded performance letter for those vendors who achieve a high score, and a less pleasantly worded letter for vendors who achieve a low score.

If you are generating letters, the following prompt appears:

LETTER NUMBER ('ALL' = SCORE DEFAULTS)?

Enter the letter number of the letter template you wish to print. If you would like the system to select which letter template to use based on the score achieved enter 'ALL'. Note: you must have entered your letter numbers into UT,494 option 4 prior to using the 'ALL' option. If you select 'ALL' a list of the letter numbers and scores you have defined will appear on your screen.

ADJUST LETTER MARGIN ONE INCH TO THE RIGHT (N)?

Enter "Y" to shift the text of the letter to the center of the page.

Files Accessed

IM	Item master file
LETRFIL	Letter file
POFIL	Purchase Order detail file
POMAS	Purchase Order master file
RCHSFIL	Receipt History file
SCOREMAS	Scorecard master file
VNDMAS	Vendor Master file
VNDNAME	Vendor Master name search file

RE,497 Non-Conformance Report

The purpose of this report is to list the non-conformance entries that were entered with command UT,497. The RE,497 differs from the RE,491 in that no receipt or return history is included. It strictly lists the non-conformance data only.

Prompts

Displays output options.

OPTION (3)?

STARTING NON-CONFORMANCE DATE?

ENDING NON-CONFORMANCE DATE?

Enter the time period for which you wish to select the non-conformance entries.

ENTER DESIRED SORT OPTION:

1. VENDOR CODE, PART NUMBER
2. VENDOR NAME, PART NUMBER
3. BUYER CODE, PART NUMBER
4. PURCHASE ORDER, PART NUMBER
5. PART NUMBER, VENDOR CODE
6. CLASS CODE, PART NUMBER
7. BUYER CODE, VENDOR CODE, PART NUMBER
8. DEFECT CODE, PART NUMBER
9. DEFECT CODE, VENDOR CODE, PART NUMBER

OPTION(1)?

Enter the sort sequence you wish the report to appear in.

SELECTION OPTIONS:

1. ENTER A SELECTED VENDOR(S)
2. ENTER A SELECTED BUYER CODE(S)
3. ENTER A SELECTED CLASS CODE(S)
4. ENTER A SELECTED PART NUMBER(S)
5. ENTER A SELECTED PURCHASE ORDER(S)
6. SELECT ALL RECORDS IN DATE RANGE
7. ENTER A SELECTED DEFECT CODE

OPTION(6)?

This prompt allows you to select specific vendors, buyer codes, class codes, part numbers, or purchase orders. You may enter up to ten different codes per report. To select all records, enter option 6. If you entered an option other than 6, one of the following prompts will appear:

Option 1:

VENDOR CODE OR SEARCH STRING?

Our software allows you to enter either the vendor number or

the first few characters of the vendor name. If you enter the vendor name, it will display the vendor information it matches upon, or if there is more than one match, which vendor code from the list to choose from.

1. ENTER VENDORS TO SELECT
2. ENTER VENDORS TO EXCLUDE
OPTION (1)?

You may enter vendor numbers to select with option 1, or may enter the vendor numbers to exclude (select all receipts except for the vendors I will enter).

Option 2:

BUYER CODE?

Enter a selected buyer code from the item master record.

Option 3:

CLASS CODE GROUP(1)?

Enter the class group group (1, 2, 3 or 4) you will be entering class codes for.

CLASS CODE?

Enter the class code from the item master record to select.

Option 4:

PART NUMBER?

Enter the part numbers you wish to select

Option 5:

PURCHASE ORDER?

Enter the purchase order numbers you wish to select

After entering up to 50 of the above codes, press 'E' or return to continue.

Option 7:

DEFECT CODE?

Enter a selected defect code from the non-conformance record.

Files Accessed

IM	Item master file
NCFIL	Non Conformance file
POMAS	Purchase Order master file
VNDMAS	Vendor Master file
VNDNAME	Vendor Master name search file

Report Format

NCR number
NCR date

Part number
Description
Buyer Code
Vendor Code
Purchase Order Number
Purchase Order Line number
Non-conformance quantity
Non-conformance source code
Defect code
Disposition code

UT,497 / LI,497 Non-conformance Maintenance

The purpose of non-conformance entries are to record an event where your supplier did not fully satisfy your requirements, but it did not merit performing a Manman return to vendor transaction. The UT,497 command is a cursor controlled screen that provides several opportunities to describe and categorize your suppliers non-conformances.

There is only one required field in the non-conformance entry screen - the part number. Prior to utilizing the UT,497 command, we recommend you set your vendor performance comin variables with command UT,494 option 2. Setting the comin variables will allow you to determine whether a number of the fields in the UT,497 command will be optional or required. We recommend you set either the vendor number field or more preferably the purchase order number field to be required entries in the UT,497 command to insure that the non-conformances will be accumulated under a specific supplier. In addition, the UT,494 command maintains optional tables for defect code, disposition, and source, if you wish to use those in your manufacturing environment.

Prompts

Tips for Navigating the UT,497 screen. The non-conformance entry screen is divided into two screens. If you enter 'E' at any of the prompts, it will take you to the bottom of the screen, where you will be prompted if you want to continue to the next screen or update. If you have any validated fields that have not been entered, you will receive an error message to that effect. If you would like to exit UT,497 enter 'E' again (Two 'E's to exit).

UPDATE OPTION:

1. ADD A NON-CONFORMANCE ENTRY
 2. CHANGE A NON-CONFORMANCE ENTRY
 3. DELETE A NON-CONFORMANCE ENTRY
- OPTION(1)?

Prior to entering the cursor controlled screen, you are prompted for action.

First Screen

If you have your comin variable set NOT to use automatic numbering the following prompt appears:
NCR NUMBER?

NCR DATE?

PO NUMBER?

Enter a purchase order number if available and if you do the following prompt will appear.

PO LINE NUMBER?

If you enter a PO line number, the vendor code, and part number fields will be filled in.

VENDOR CODE?

This field is validated against the Manman Vendor Master file

PART NUMBER?

This is a required field, the description and buyer code will be filled in.

DEFECT CODE?

This field is validated against the source code table maintained within command UT, 494.

DISPOSITION CODE?

This field is validated against the source code table maintained within command UT, 494.

QUANTITY?

Enter the number of parts associated with the non-conformance.

WORK ORDER?

This is not a validated field.

COMPLAINT NUMBER?

COMMENT?

Enter up to four 60 characters lines of comments associated with the non-conformance.

Second Screen

WORK CENTER?

ORIGIN?

ROOT CAUSE?

SOURCE CODE?

This field is validated against the source code table maintained within command UT, 494.

DEFECTIVE COMPONENT?

This is an optional field which will be validated against the Item master record.

The following seven prompts serve as to whether you require a corrective action.

CA REQUIRED?

If you answer 'N' or press return the next 6 prompts will be

skipped. If you answer 'Y', you will be prompted for the following:

CA DESCRIPTION?

Description of the corrective action.

CORRECTIVE ACTION IMP. BY?

Initials for implemented by user.

CA EFFECTIVE DATE?

ACTION SUITABLE (Y/N)?

SIGN OFF?

CA REVIEW DATE?

The next four prompts are optional costs you may enter associated with the non-conformance.

RECOVERED COSTS?

VALUE ADDED LABOR?

SOFT COSTS?

REPAIR COSTS?

At the conclusion of the second screen, the following prompt appears:

OKAY TO UPDATE: xxxxxx (Y)?

If you press return or 'Y', the data base will updated. Press 'N' to return to the first screen, or 'E' to exit.

Files Accessed

CNTRLMAS	Vendor Performance Comin variable file
DCODEMAS	Defect code master file
DICODMAS	Disposition code master file
IM	Item Master File
SCODEMAS	Source code master file
NCFIL	non-conformance file
POFIL	Purchase order line detail file
VNDMAS	Vendor Master file

UT,494 Maintain Vendor Performance Tables and Scorecard Values

The purpose of this command is two fold. The first purpose of this command is to list and maintain the values used to calculate a vendors scorecard rating. For each receipt a vendor is awarded 100 points. This command maintains penalty values that get deducted from the 100 points if the shipment is early, late, overshipped, etc. The software comes with a default 'company' record which defines the penalties that are applied to all vendors in the data base. You also have the option of defining penalties for a specific vendor, and the option of defining the 'early' and 'late' days values (on-time) for a specific vendor. For more information, refer to the 'Vendor Scorecards and Ratings' documentation at the front of the manual.

The second purpose of the UT,494 command is too maintain the optional tables used by the non-conformance entry command UT,497. The non-conformance entry command uses a set of comin variables to define whether certain fields on the screen are optional or required, and to define your own set of codes and descriptions for such codes as defect codes, disposition codes, and source codes.

Prompts

TABLE UPDATE OPTION:

1. SCORECARD MASTER FILE
 2. VENDOR PERFORMANCE COMIN VARIABLES
 3. SOURCE CODE TABLE
 4. DEFECT CODE TABLE
 5. DISPOSITION CODE TABLE
- OPTION(1)?

These prompts are used to determine if you would like to set up score card values (option 1) or definitions for the non-conformance entry system (options 2 through 5).

If you select option 1, the following prompts appear:

WOULD YOU LIKE TO:

1. MAINTAIN THE SCORECARD VALUES FOR ALL VENDORS
 2. MAINTAIN THE SCORECARD VALUES FOR A SPECIFIC VENDOR
 3. LIST THE SCORECARD VALUE FILE
 4. MAINTAIN A DEFAULT RANGE OF SCORES FOR A LETTER
 5. MAINTAIN A DEFAULT RANGE OF SCORES FOR A GRADE
- OPTION(1)?

Option 4 is used to associate a range of scores with a vendor performance letter. This feature is available so the RE,494 can choose which letter number to print based on the score the vendor achieved. If you select option 4, the following prompts appear:

LETTER NUMBER?

Enter the letter number to establish a range of scores for

LETTERS BEGINNING SCORE RANGE?

LETTERS ENDING SCORE RANGE?

Option 5 is used to associate a range of scores with a specific grade (ie. A+). The RE,494 program searches for custom grading criteria based on the score achieved. If a custom grade is not found, the RE,494 program will use the default grades defined in the 'Vendor Scorecards and Ratings' section of this manual. If you select option 5, the following prompts appear:

GRADE?

Enter the letter number to establish a range of scores for

GRADE'S BEGINNING SCORE RANGE?

GRADE'S ENDING SCORE RANGE?

Enter the beginning and ending score range (a value between zero and 100) that will be associated with the Grade.

If you select option 3, the output options are displayed and you can list the scorecard values to a terminal or printer.

If you select option 2, the following prompts appear:

VENDOR CODE OR SEARCH STRING?

Our software allows you to enter either the vendor number or the first few characters of the vendor name. If you enter the vendor name, it will display the vendor information it matches upon, or if there is more than one match, which vendor code from the list to choose from.

WOULD YOU LIKE TO ESTABLISH A PERMANENT NUMBER OF DAYS EARLY OR LATE FOR THIS VENDOR (N/Y)?

You have the option of defining what the definition of an on-time shipment is for a specific vendor. If you enter 'Y' the following prompts appear:

OVER 99 DAYS EARLY
 99 TO 99 DAYS EARLY
 99 TO 99 DAYS EARLY
 ON-TIME 99 DAYS EARLY TO 99 DAYS LATE
 99 TO 99 DAYS LATE
 99 TO 99 DAYS LATE
 OVER 99 DAYS LATE

The above will move your cursor from variable to variable and allow you to define your 3 days early categories, your definition of an on-time shipment, and your 3 days late categories. These values will be used in the RE,494 generate

performance letters program.

If you entered option 1 or 2, the following prompts appear to allow you to define the number of points to be deducted from the 100 points the supplier received for the receipt. You may enter the penalty as a positive or negative number.

PENALTY FOR RETURN TRANSACTIONS?
 PENALTY FOR EACH 1% QUANTITY RETURNED?
 PENALTY FOR PARTIAL SHIPMENTS?
 PENALTY FOR OVER SHIPMENTS?
 PENALTY FOR RECEIPTS 99 DAYS EARLY?
 PENALTY FOR RECEIPTS 99 DAYS EARLY?
 PENALTY FOR RECEIPTS 99 DAYS EARLY?
 PENALTY FOR RECEIPTS 99 DAYS LATE?
 PENALTY FOR RECEIPTS 99 DAYS LATE?
 PENALTY FOR RECEIPTS 99 DAYS LATE?

Returns to 'Would you like to:' prompt.

If you selected table maintenance option 2 (vendor performance comin variables, the following prompts appear:

NCR NUMBER OPTION:

1. ENTERED BY THE USER
 2. AUTOMATICALLY ASSIGNED
- OPTION(1)?

This prompt determines whether or not you want to receive an NCR number prompt, or have the system assign a number.

SOURCE CODE OPTION:

1. OPTIONAL
 2. REQUIRED
- OPTION(2)?

This prompt will allow you to determine whether you would like to enter a validated value in the source code portion of the UT,497 screen. The source code is not the same as the item master source code. The source code table is maintained with option 3 of this utility (UT,494).

PURCHASE ORDER NUMBER OPTION:

1. OPTIONAL
 2. REQUIRED
- OPTION(2)? 2

This prompt determines whether your users will be required to enter a valid purchase order number as part of the non-conformance entry screen.

VENDOR NUMBER OPTION:

1. OPTIONAL
 2. REQUIRED
- OPTION(2)? 2

This prompt determines whether your users will be required

to enter a valid vendor number as part of the non-conformance entry screen.

DEFECT CODE OPTION:

1. OPTIONAL
 2. REQUIRED
- OPTION(2)? 2

This prompt determines whether you will be required to enter a validated value in the defect code in the non-conformance entry screen. The defect code table is maintained with table option number 4 in this utility (UT,494).

DISPOSITION CODE OPTION:

1. OPTIONAL
 2. REQUIRED
- OPTION(2)? 2

This prompt determines whether you will be required to enter a validated value in the disposition code of the non-conformance entry screen. The disposition code table is maintained with table option number 3 in this utility (UT,494).

If you selected table update option 3, you will be prompted for a source code and source code description. The source code is not to be confused with the source code field of the item master record.

If you selected table update option 4, you will be prompted for a disposition code and disposition code description.

If you selected table update option 5, you will be prompted for a defect code and defect code description.

Files Accessed

CNTRLMAS Vendor Performance Comin variable file
DCODEMAS Defect code master file
DICODMAS Disposition code master file
SCODEMAS Source code master file
SCOREMAS Scorecard master file
VNDMAS Vendor Master file
VNDNAME Vendor Master name search file

Vendor Performance Data Base Guide

The following will assist you in creating your own reports using data from the vendor performance database VPMDb. If you are a Quiz user, we have included a schema QVPMSCH and a compiled schema QVPMSCHC. You would use these with a dictionary statement in Quiz 'SET DICTIONARY QVPMSCHC.PUB.MMVxxx'.

SCOREMAS - Scorecard Master File

The dataset SCOREMAS is used to store the values to calculate a vendors scorecard rating. A SCOREMAS record can be for the 'company' which applies to all vendors, or it can be for a specific vendor number. For each receipt a vendor is awarded 100 points. The penalty values in SCOREMAS get deducted from the 100 points if the shipment is early, late, overshipped, etc. The record also stores the number of days which define an early or late shipment for a vendor.

SCOREKEY	U10	"COMPANY" or a specific Vendor Code (key)
SCDAYSE3	I1	Number of Days Early 3
SCDAYSE2	I1	Number of Days Early 2
SCDAYSE1	I1	Number of Days Early 1
SCDAYSL1	I1	Number of Days Late 1
SCDAYSL2	I1	Number of Days Late 2
SCDAYSL3	I1	Number of Days Late 3
SCRET	R2	Penalty points for a return
SCPARTL	R2	Penalty points for a partial receipt
SCOVER	R2	Penalty points for an overshipment
SCE3	R2	Penalty points for a days over EARLY 3
SCE2	R2	Penalty points for a days over EARLY 2
SCE1	R2	Penalty points for a days over EARLY 1
SCL1	R2	Penalty points for a days over LATE 1
SCL2	R2	Penalty points for a days over LATE 2
SCL3	R2	Penalty points for a days over LATE 3
SCFUTR1/8	R2	FUTURE USE
SCFUTI1/8	I1	FUTURE USE

SCODEMAS - Source Code Master file

The non-conformance file contains one record for each non-conformance number on file. It has two keys NCR Number and Part Number which are the only two required fields in the file.

NCNO	U10	NCR Number (key)
NCDATE	I1	NCR Date
NCSCODE	U4	Source code (validated against SCODEMAS)
NCPONO	U10	purchase order number
NCPOLINE	I1	po line numbe

NCPOIEN	I1	internal entry number from POFIL
NCVCODE	U10	vendor code
NCPART	U18	part number (key)
NCBCODE	U2	buyer code
NCDEFECT	U4	defect code (validated against DCODEMAS)
NCDISP	U4	disposition code (validated DICODMAS)
NCQTYREJ	R2	quantity rejected
NCRECCST	R2	recovered cost
NCVALBR	R2	value added labor
NCSOFCST	R2	soft cost
NCREPCST	R2	repair cost
NCDEFWO	U10	defect work order number
NCCOMPLN	U10	customer complaint number
NCZWO	U10	Z work order
NCWC	U6	work center
NCCOM1	U60	comment line 1
NCCOM2	U60	comment line 2
NCCOM3	U60	comment line 3
NCCOM4	U60	comment line 4
NCUSER	U8	user name
NCADDDAT	I1	date added
NCUNTCST	R2	IM standard cost
NCORIGIN	U4	Originator
NCROOT	U30	Root Cause
NCCGCOD	U10	Charge Code - not used
NCDEFCON	U18	Defective Component
NCCAI MP	U4	Corrective Action Implemented by
NCCAEFF	I1	Corrective Action Effective date
NCACTION	U2	Action was suitable
NCSIGNOF	U4	Suitable/Effectiveness sign off
NCREVDAT	I1	Suitable/Effective Review date
NCCGUSER	U4	Charge user - not used
NCCGACCT	U24	Charge account field - not used
NCACTREQ	U2	corrective action required
NCCORACT	U30	corrective action description
NCFUT1	I1	future use
NCFUT2	I1	future use
NCFUTU1	U10	future use

SCODEMAS - Source Code Master File

The source code master file is a table contained how the part is sourced. It is not related to the Manman source code field in the item master record. The source code can be a validated field during non-conformance entry.

SCSCODE	U4	Source code
SCDESC	U30	Source code description
SCACTIVE	I1	Active=1 inactive=0

DCODEMAS - Defect Code Master File

The defect code master file is a table of defect codes and descriptions. The defect code can be a validated field during non-conformance entry.

DCDCODE	U4	Defect code
DCDESC	U30	Defect Description
DCACTIVE	I1	Active=1 inactive=0

DICODMAS - Disposition Code Master File

The disposition code master file is a table of disposition codes and descriptions. The disposition code can be a validated field during non-conformance entry.

DIDCODE	U4	Disposition code
DIDESC	U30	Disposition Description
DIACTIVE	I1	Active=1 inactive=0

CGCODMAS - Charge Code Master File

This file is not in use.

SOFTFIL - Soft Cost File

This file is not in use.

CNTRLMAS - Control Master File

The cntrlmas dataset is used to keep track of the comin variable settings for Vendor Performance System.

CMASKEY	I1	Comin variable number
CMASDESC	U30	MRP run date
CMAS TIME	I1	Comin Variable Value

* Example of Maintaining a Vendor Performance Letter *
* You may define as many different formats as you need. *
* Substitutable fields allow you to print any value *
* from the Performance Measurement Report *

MG, MA, 494
04/11/96 MDTAB60

MAINTAIN PERFORMANCE LETTERS

Action: CHANGE _____

Letter Number: AVERAG _____

Letter Lines : 4 - 17 of 39 _____

Scroll: _____

Edit

Letter Text

<VNDAD1> _____

<VNDAD2> _____

<VNDAD4> _____

<VNDAD5> _____

Phone: <VNDTEL> _____

Fax : <VNDFAX> _____

Dear Sirs: _____

We wish to inform you that during the period <BEGDAT> _____
through <ENDDAT> your company has received a supplier _____
quality rating of <RATING> (<SCORE>). During this period _____
your delivery performance was as follows: _____

(Edit: D=Delete, I=Insert, C=Copy)

COMMAND (TEST, MG, 0)? RE, 491

*

Vendor Delivery Performance Report (v6.54)

ENTER DESIRED OUTPUT OPTION:

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

COMBINE PURCHASING DATA FROM OTHER DATABASES (N)? *

SHOULD RECEIPTS MADE THE SAME DAY FOR THE SAME PO LINE
BE TREATED AS ONE RECEIPT(N)? *

STARTING RECEIPT/RETURN DATE? 1/1/01 *
ENDING RECEIPT/RETURN DATE? 12/31/01*

MEASURE VENDORS PERFORMANCE BASED ON:

- 1. ORIGINAL DATE (AT TIME OF RECEIPT)
 - 2. LATEST DATE (AT TIME OF RECEIPT)
 - 3. REQUESTED DATE
 - 4. STOCK DUE DATE
 - 5. ORIGINAL DATE (CURRENTLY ON FILE)
 - 6. LATEST DATE (CURRENTLY ON FILE)
- OPTION(1)? 5

YOUR NUMBER OF DAYS EARLY BUCKETS (PURCH CV 122, 123, 124) ARE: 15, 10, 5
YOUR NUMBER OF DAYS LATE BUCKETS (PURCH CV 125, 126, 127) ARE: 5, 10, 15
WOULD YOU LIKE TO REVISE YOUR EARLY/LATE BUCKETS (N/Y)? N *

CALENDAR OPTION:

- 1. EXCLUDE WEEKENDS FROM DAYS LATE/EARLY CALCULATION
 - 2. DO NOT EXCLUDE WEEKENDS FROM DAYS LATE/EARLY CALCULATION
 - 3. USE THE MANUFACTURING CALENDAR TO CALCULATE DAYS EARLY AND LATE
- OPTION(1)? 1

REPORT DETAIL AND TOTALING OPTION:

- 1. PRINT DETAIL, SUBTOTALS, AND TOTALS
 - 2. PRINT DETAIL AND TOTALS ONLY
 - 3. PRINT TOTALS ONLY
 - 4. PRINT LATE SHIPMENT EXCEPTION DETAIL AND TOTALS ONLY
 - 5. PRINT ALL EXCEPTION DETAIL AND TOTALS ONLY
 - 6. CREATE ASCII FILE OF DATA
- OPTION(1)? 1

DATA GATHERING OPTION:

- 1. DOLLAR AND ORDER STATISTICS - INVENTORY
 - 2. DOLLAR AND ORDER STATISTICS - INVENTORY AND EXPENSED
 - 3. DOLLAR AND ORDER STATISTICS - ALL PO TYPES
 - 4. QUANTITY AND ORDER STATISTICS - INVENTORY
 - 5. QUANTITY AND ORDER STATISTICS - INVENTORY AND EXPENSED
 - 6. QUANTITY AND ORDER STATISTICS - ALL PO TYPES
 - 7. QUANTITY AND ORDER STATISTICS - ALL PO TYPES AND NON CONFORMANCE ENTRIES
 - 8. QUANTITY AND ORDER STATISTICS - INVENTORY AND NON CONFORMANCE ENTRIES
- OPTION(1)? 1

ENTER DESIRED SORT OPTION:

- 1. VENDOR CODE, PART NUMBER
- 2. VENDOR NAME, PART NUMBER

3. BUYER CODE, PART NUMBER
 4. PURCHASE ORDER, PART NUMBER
 5. PART NUMBER, VENDOR CODE
 6. CLASS CODE, PART NUMBER
 7. BUYER CODE, VENDOR CODE, PART NUMBER
- SORT OPTION(1)? 1

SELECTION OPTIONS:

1. ENTER SELECTED / EXCLUDE SELECTED VENDOR(S)
 2. ENTER A SELECTED BUYER CODE(S)
 3. ENTER SELECTED / EXCLUDE SELECTED CLASS CODE(S)
 4. ENTER A SELECTED PART NUMBER(S)
 5. ENTER A SELECTED PURCHASE ORDER(S)
 6. SELECT ALL RECORDS IN DATE RANGE
 7. ENTER SELECTED / EXCLUDE SELECTED ACCOUNT NUMBER(S)
- OPTION(6)? 1

1. ENTER VENDORS TO SELECT
 2. ENTER VENDORS TO EXCLUDE
- OPTION(1)? 1

VENDOR CODE OR SEARCH STRING? 01001 *

A-1 FIRE PROTECTION SERVICE

VENDOR CODE OR SEARCH STRING ('E' = CONTINUE)? E *

** ENTER YOUR NEXT SELECTION OR 'E' TO CONTINUE **

SELECTION OPTIONS:

1. ENTER SELECTED / EXCLUDE SELECTED VENDOR(S)
 2. ENTER A SELECTED BUYER CODE(S)
 3. ENTER SELECTED / EXCLUDE SELECTED CLASS CODE(S)
 4. ENTER A SELECTED PART NUMBER(S)
 5. ENTER A SELECTED PURCHASE ORDER(S)
 6. SELECT ALL RECORDS IN DATE RANGE
 7. ENTER SELECTED / EXCLUDE SELECTED ACCOUNT NUMBER(S)
- OPTION(6)? E

SELECTING BY VENDOR
PROCESSING PURDB.MDATAS
GATHERING DATA...

 * Example of the Vendor Performance Detail Report with *
 * the dollars and orders statistics displayed *

MON, JUL 15, 1996, 1:37 PM
 SORTED ON VENDOR CODE, PART NUMBER

VENDOR DELIVERY PERFORMANCE REPORT BY: REQUESTED DATE
 =====
 SELECTED VENDORS FROM 01/01/95 TO 12/31/95

01018
 ATLANTIC PACKAGING
 MISSISSAUGA, ONT L4W 1H3

PAGE: 2

PART NUMBER/ DESCRIPTION	BUYER CODE	PURCHASE ORDER	PO LINE	ORDER DATE	REQUESTD DATE	REC/RET DATE	RECEIVER NUMBER	UNIT COST	QUANTITY ORDERED	QUANTITY RECEIVED	PR UM COMMAND	DOLLARS RECEIVED
SUBTOTAL FOR :11941												
TVC-MILL FINISH												
NET DOLLARS :	16896.19						NO OF RECEIPTS: 6	OVER (20) DAYS EARLY: \$		.00	.00%	0 .00%
DOLLARS RECEIVED :	16896.19						NO OF RETURNS : 0	(10) TO (20) DAYS EARLY: \$		.00	.00%	0 .00%
DOLLARS RETURNED :	.00						REJECTION % : .00%	(5) TO (9) DAYS EARLY: \$	1650.70	9.77%		1 16.67%
% DOLLARS RETURNED:	.00						NO OF PARTIAL : 5	RECEIVED ON-TIME :	9768.21	57.81%		3 50.00%
% COST VARIANCE :	14.58						PARTIAL % : 83.33%	(3) TO (7) DAYS LATE : \$	2468.40	14.61%		1 16.67%
DOLLARS OVERSHI PD:	97.51						NO OF OVERSHIP: 1	(8) TO (15) DAYS LATE : \$	.00	.00%		0 .00%
							OVERSHIP % : 16.67%	OVER (15) DAYS LATE : \$	3008.88	17.81%		1 16.67%
11942	1	100982	1.00	03/11/95	03/18/95	03/18/95	104696	.000	3000.00	3390.00	EA TR, 402	.00
11942	1	100982	1.00	03/11/95	03/18/95	04/07/95	104696	.000	3000.00	3390.00	EA TR, 404	.00
11942	1	100982	1.00	03/11/95	03/18/95	04/07/95	104867	1.857	3000.00	3390.00	EA TR, 402	6295.23
11942	1	101061	4.00	05/14/95	05/20/95	05/21/95	105153	.502	11000.00	11990.00	EA TR, 402	6018.98
SUBTOTAL FOR :11942												
TURBINE PAD												
NET DOLLARS :	12314.21						NO OF RECEIPTS: 3	OVER (20) DAYS EARLY: \$		.00	.00%	0 .00%
DOLLARS RECEIVED :	12314.21						NO OF RETURNS : 1	(10) TO (20) DAYS EARLY: \$		.00	.00%	0 .00%
DOLLARS RETURNED :	.00						REJECTION % : 33.33%	(5) TO (9) DAYS EARLY: \$		.00	.00%	0 .00%
% DOLLARS RETURNED:	.00						NO OF PARTIAL : 0	RECEIVED ON-TIME :	6018.98	48.88%		2 66.67%
% COST VARIANCE :	-16.62						PARTIAL % : .00%	(3) TO (7) DAYS LATE : \$	.00	.00%		0 .00%
DOLLARS OVERSHI PD:	1221.21						NO OF OVERSHIP: 2	(8) TO (15) DAYS LATE : \$	6295.23	51.12%		1 33.33%
							OVERSHIP % : 66.67%	OVER (15) DAYS LATE : \$	.00	.00%		0 .00%
11944	1	100880	4.00	01/03/95	03/15/95	03/18/95	104694	1.393	2000.00	2315.00	EA TR, 402	3224.79
11944	1	101061	2.00	05/14/95	05/20/95	05/22/95	105157	1.300	1500.00	1532.00	EA TR, 402	1991.60
SUBTOTAL FOR :11944												
BROWN CARTON												
NET DOLLARS :	5216.39						NO OF RECEIPTS: 2	OVER (20) DAYS EARLY: \$		.00	.00%	0 .00%
DOLLARS RECEIVED :	5216.39						NO OF RETURNS : 0	(10) TO (20) DAYS EARLY: \$		.00	.00%	0 .00%
DOLLARS RETURNED :	.00						REJECTION % : .00%	(5) TO (9) DAYS EARLY: \$		.00	.00%	0 .00%
% DOLLARS RETURNED:	.00						NO OF PARTIAL : 0	RECEIVED ON-TIME :	1991.60	38.18%		1 50.00%
% COST VARIANCE :	15.64						PARTIAL % : .00%	(3) TO (7) DAYS LATE : \$	3224.79	61.82%		1 50.00%
DOLLARS OVERSHI PD:	480.39						NO OF OVERSHIP: 2	(8) TO (15) DAYS LATE : \$	.00	.00%		0 .00%
							OVERSHIP % : 100.00%	OVER (15) DAYS LATE : \$	.00	.00%		0 .00%
11945	1	100880	5.00	01/03/95	01/29/95	01/27/95	104203	1.393	1500.00	1490.00	EA TR, 402	2075.57
11945	1	101061	1.00	05/14/95	05/20/95	05/22/95	105156	1.300	1200.00	1270.00	EA TR, 402	1651.00
SUBTOTAL FOR :11945												
BLACK CARTON												
NET DOLLARS :	3726.57						NO OF RECEIPTS: 2	OVER (20) DAYS EARLY: \$		.00	.00%	0 .00%
DOLLARS RECEIVED :	3726.57						NO OF RETURNS : 0	(10) TO (20) DAYS EARLY: \$		.00	.00%	0 .00%
DOLLARS RETURNED :	.00						REJECTION % : .00%	(5) TO (9) DAYS EARLY: \$		.00	.00%	0 .00%
% DOLLARS RETURNED:	.00						NO OF PARTIAL : 1	RECEIVED ON-TIME :	3726.57	100.00%		2 100.00%
% COST VARIANCE :	16.13						PARTIAL % : 50.00%	(3) TO (7) DAYS LATE : \$	.00	.00%		0 .00%
DOLLARS OVERSHI PD:	91.00						NO OF OVERSHIP: 1	(8) TO (15) DAYS LATE : \$	.00	.00%		0 .00%
							OVERSHIP % : 50.00%	OVER (15) DAYS LATE : \$	.00	.00%		0 .00%

RE, 491 .MDATAB60 TEST COMPANY INC.

DISTRIBUTION: BYRNS -

GRAND TOTALS FOR VENDOR: 01018
 ATLANTIC PACKAGING
 MISSISSAUGA, ONT L4W 1H3

QUANTITY AMOUNTS -----	NUMBER OF ORDERS -----	DELIVERY PERFORMANCE -----	QUANTITY -----	% OF QUANTITY	NO OF ORDERS	% OF ORDERS -----
NET QUANTITY : 210228.00	NO OF RECEIPTS: 117	OVER (15) DAYS EARLY:	1720.00	.76%	1	.85%
QUANTITY RECEIVED: 226845.00	NO OF RETURNS : 8	(10) TO (15) DAYS EARLY:	905.00	.40%	1	.85%
QUANTITY RETURNED: 16617.00	REJECTION % : 6.84%	(5) TO (9) DAYS EARLY:	16205.00	7.14%	7	5.98%
% QUANTY RETURNED: 7.33	NO OF PARTIAL : 78	RECEIVED ON-TIME :	144471.00	63.69%	88	75.21%
QNTY RET/MILLION : 73252.66	PARTIAL % : 66.67%	(6) TO (10) DAYS LATE :	40177.00	17.71%	12	10.26%
QUANTY OVERSHIPPED: 8140.00	NO OF OVERSHIP: 37	(11) TO (15) DAYS LATE :	5780.00	2.55%	3	2.56%
QUANTY NONCONFORM: .00	OVERSHIP % : 31.62%	OVER (15) DAYS LATE :	17587.00	7.75%	5	4.27%
	NO OF NONCONFM: 0					

* Example of generating a Vendor Performance Letter for *
* a selected vendor. *

COMMAND (TEST, MG, 60)? RE, 494

*

Generate Vendor Performance Scores or Letters (v6.54)

ENTER DESIRED OUTPUT OPTION:

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

COMBINE PURCHASING DATA FROM OTHER DATABASES (N)? *

SHOULD RECEIPTS MADE THE SAME DAY FOR THE SAME PO LINE
BE TREATED AS ONE RECEIPT(N)? *

REPORT OPTION:

- 1. CREATE VENDOR PERFORMANCE LETTERS
 - 2. CREATE VENDOR SCORE CALCULATION REPORT
- OPTION(1)? 1

STARTING RECEIPT/RETURN DATE? 1/1/92 *
ENDING RECEIPT/RETURN DATE? 12/31/92*

MEASURE VENDORS PERFORMANCE BASED ON:

- 1. ORIGINAL DATE (AT TIME OF RECEIPT)
 - 2. LATEST DATE (AT TIME OF RECEIPT)
 - 3. REQUESTED DATE
 - 4. STOCK DUE DATE
 - 5. ORIGINAL DATE (CURRENTLY ON FILE)
 - 6. LATEST DATE (CURRENTLY ON FILE)
- OPTION(1)? 1

YOUR NUMBER OF DAYS EARLY BUCKETS (PURCH CV 122, 123, 124) ARE: 15, 10, 5
YOUR NUMBER OF DAYS LATE BUCKETS (PURCH CV 125, 126, 127) ARE: 5, 10, 15
WOULD YOU LIKE TO REVISE YOUR EARLY/LATE BUCKETS (N/Y)? N *

CALENDAR OPTION:

- 1. EXCLUDE WEEKENDS FROM DAYS LATE/EARLY CALCULATION
 - 2. DO NOT EXCLUDE WEEKENDS FROM DAYS LATE/EARLY CALCULATION
 - 3. USE THE MANUFACTURING CALENDAR TO CALCULATE DAYS EARLY AND LATE
- OPTION(1)? 1

REPORT OPTION:

- 1. INVENTORY ITEMS ONLY
 - 2. INVENTORY AND EXPENSED ITEMS
 - 3. ALL PURCHASE ORDER TYPES
 - 4. ALL PURCHASE ORDER TYPES AND NONCONFORMANCE RECORDS
 - 5. INVENTORY ITEMS AND NONCONFORMANCE RECORDS
- OPTION(1)? 1

WOULD YOU LIKE TO CREATE PERFORMANCE LETTERS:

- 1. BY ENTERING A VENDOR NUMBER(S)
 - 2. FOR ALL VENDORS THAT MEET THE CRITERIA TO BE ENTERED
- OPTION(2)? 1

VENDOR CODE OR SEARCH STRING? 01018

*

ATLANTIC PACKAGING

VENDOR CODE OR SEARCH STRING ('E' = CONTINUE)? E *
LETTER NUMBER ('ALL' = SCORE DEFAULTS)? AVERAG*
ADJUST LETTER MARGIN ONE INCH TO THE RIGHT (N)? *

PROCESSING PURDB.MDATAB60
GATHERING DATA...
RECORDS SELECTED: 80

USER DEFINED GRADES WERE FOUND IN THE SCORECARD MASTER FILE

04/02/02

ATLANTIC PACKAGING 01018
5711 ATLANTIC DR.
MISSISSAUGA, ONT L4W 1H3

Phone: 905-670-0301
Fax : 905-670-0303

Dear Sirs:

We wish to inform you that during the period 01/01/92 through 12/31/92 your company received a supplier quality rating of D (66.3). During this period your delivery performance was as follows:

	Dollars		Orders	
Received 15 days early:	\$1,492.96	1.2%	1	1.3%
Received 10 days early:	\$4,700.97	3.8%	3	4.0%
Received 5 days early:	\$1,650.70	1.3%	1	1.3%
Received on time:	\$96,098.14	78.0%	59	78.7%
Received 5 days late :	\$10,000.71	8.1%	9	12.0%
Received 10 days late :	\$6,295.23	5.1%	1	1.3%
Received 15 days late :	\$3,008.88	2.4%	1	1.3%
Totals :	\$123,247.59		75	

Of the total orders received from you, 6.7% of the orders were returned, and 80.0% of the orders were partially filled and 18.7% overshipped.

The performance of our suppliers is of the utmost importance for us to achieve the level of quality our customers expect. Our expectation is to see your quality rating improve over the next period.

Sincerely,

 * Example of RE,494 vendor score calculation report *
 * This report is designed to give you the detail on how *
 * vendor scores were calculated prior to creating your *
 * vendor performance letters *

FRI, OCT 2, 1998, 3:42 PM

VENDOR SCORE CALCULATION REPORT 01/01/96 TO 12/31/96
 =====

PAGE: 1

VENDOR NUMBER AND NAME	EVENT	SCORE	CUMULATIVE	
01001	NO OF RECEIPTS :	6 100.00	600.00	TOTAL SCORE :
ATLAS MACHINERY	NO OF RETURNS :	0 -50.00	.00	AVERAGE SCORE:
445 HAMILTON AVE	NO OF OVERSHIPMENTS:	0 -15.00	.00	RATING :
14TH FLOOR	NO OF PARTIAL :	6 -20.00	-120.00	C
WHITE PLAINS, NY 10601	OVER 15 DAYS EARLY :	0 -20.00	.00	
	OVER 10 DAYS EARLY :	0 -10.00	.00	
	OVER 5 DAYS EARLY :	0 -5.00	.00	
	OVER 5 DAYS LATE :	1 -15.00	-15.00	
	OVER 10 DAYS LATE :	0 -30.00	.00	
	OVER 15 DAYS LATE :	0 -50.00	.00	
	EACH 1% QTY RETURN :	.000 .00	.00	
	NO OF NONCONFORMANC:	0 .00	.00	
	EACH 1% QTY NONCONF:	.000 .00	.00	
01012	NO OF RECEIPTS :	46 100.00	4600.00	TOTAL SCORE :
AMERICAN LOUVER OF CANADA	NO OF RETURNS :	4 -50.00	-200.00	AVERAGE SCORE:
185 BRIDGELAND AVE.	NO OF OVERSHIPMENTS:	1 -15.00	-15.00	RATING :
TORONTO, ON M6A 1Y7	NO OF PARTIAL :	27 -20.00	-540.00	C
	OVER 15 DAYS EARLY :	0 -20.00	.00	
	OVER 10 DAYS EARLY :	2 -10.00	-20.00	
	OVER 5 DAYS EARLY :	1 -5.00	-5.00	
	OVER 5 DAYS LATE :	7 -15.00	-105.00	
	OVER 10 DAYS LATE :	7 -30.00	-210.00	
	OVER 15 DAYS LATE :	3 -50.00	-150.00	
	EACH 1% QTY RETURN :	1.039 .00	.00	
	NO OF NONCONFORMANC:	0 .00	.00	
	EACH 1% QTY NONCONF:	.000 .00	.00	
01018	NO OF RECEIPTS :	117 100.00	11700.00	TOTAL SCORE :
ATLANTIC PACKAGING	NO OF RETURNS :	8 -50.00	-400.00	AVERAGE SCORE:
5711 ATLANTIC DR.	NO OF OVERSHIPMENTS:	36 -15.00	-540.00	RATING :
MISSISSAUGA, ONT L4W 1H3	NO OF PARTIAL :	78 -20.00	-1560.00	C
	OVER 15 DAYS EARLY :	1 -20.00	-20.00	
	OVER 10 DAYS EARLY :	1 -10.00	-10.00	
	OVER 5 DAYS EARLY :	7 -5.00	-35.00	
	OVER 5 DAYS LATE :	12 -15.00	-180.00	
	OVER 10 DAYS LATE :	3 -30.00	-90.00	
	OVER 15 DAYS LATE :	5 -50.00	-250.00	
	EACH 1% QTY RETURN :	7.325 .00	.00	

* Example of generating a series of performance letters *
* for all vendors who had a minimum to 10 receipts, *
* \$50,000 in purchases, and have a scorecard above 90%. *

COMMAND (MG, 60)? RE, 494 *

Generate Vendor Performance Letters (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

STARTING RECEIPT/RETURN DATE? 10/1/95 *
ENDING RECEIPT/RETURN DATE? 12/31/95*

MEASURE VENDORS PERFORMANCE BASED ON:

1. ORIGINAL DATE
2. LATEST DATE
3. REQUESTED DATE
4. STOCK DUE DATE

OPTION(1)? 3

YOUR NUMBER OF DAYS EARLY BUCKETS ARE: 15, 10, 5
YOUR NUMBER OF DAYS LATE BUCKETS ARE: 5, 10, 15
WOULD YOU LIKE TO REVISE YOUR EARLY/LATE BUCKETS (N/Y)? N *

REPORT OPTION:

1. INVENTORY ITEMS ONLY
2. INVENTORY AND EXPENSED ITEMS
3. ALL PURCHASE ORDER TYPES
- . ALL PURCHASE ORDER TYPES AND NON CONFORMANCE ENTRIES

OPTION(1)? 1

WOULD YOU LIKE TO CREATE PERFORMANCE LETTERS:

1. BY ENTERING A VENDOR NUMBER(S)
 2. FOR ALL VENDORS THAT MEET THE CRITERIA TO BE ENTERED
- OPTION(2)?

MINIMUM NUMBER OF RECEIPTS (C/R = 1)? 10

MINIMUM DOLLAR AMOUNT RECEIVED (C/R = ALL)? 50000

MINIMUM SCORE (C/R = 0)? 90

MAXIMUM SCORE (C/R = 100)? 100

LETTER NUMBER? EXCEL *

GATHERING DATA...

04/11/96

PROGRESSIVE INDUSTRIES 01174
9024 MAPLE ST.
CONCORD, ONT. L4K 2N2

Phone:
Fax :

Dear Sirs:

We are pleased to inform you that during the period 10/31/92 through 12/31/95 that you received a top supplier quality rating of A (92.0). During this period we received 230 orders from you for a total of \$594,454.62 dollars. Of this total 14.1% of the orders were considered late, 7.0% of the orders were rejected, and .0% of the orders were partially filled.

We commend you for this performance rating and thank you for your efforts in providing us with quality service.

Sincerely,

* Example of prompts and report format of the RE,497 *
* Non-conformance Report *

COMMAND (TEST, MG, 0)? RE,497 *

Non-Conformance Report (v5.51)

ENTER DESIRED OUTPUT OPTION:

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

STARTING NON-CONFORMANCE DATE? 0 *

ENDING NON-CONFORMANCE DATE? 99 *

ENTER DESIRED SORT OPTION:

- 1. VENDOR CODE, PART NUMBER
- 2. VENDOR NAME, PART NUMBER
- 3. BUYER CODE, PART NUMBER
- 4. NCR NUMBER
- 5. PART NUMBER, VENDOR CODE
- 6. CLASS CODE, PART NUMBER
- 7. BUYER CODE, VENDOR CODE, PART NUMBER
- 8. DEFECT CODE, PART NUMBER
- 9. DEFECT CODE, VENDOR CODE, PART NUMBER

SORT OPTION(1)? 1

SELECTION OPTIONS:

- 1. ENTER SELECTED / EXCLUDE SELECTED VENDOR(S)
 - 2. ENTER A SELECTED BUYER CODE(S)
 - 3. ENTER SELECTED / EXCLUDE SELECTED CLASS CODE(S)
 - 4. ENTER A SELECTED PART NUMBER(S)
 - 5. ENTER A SELECTED NCR NUMBER(S)
 - 6. SELECT ALL RECORDS IN DATE RANGE
 - 7. ENTER A SELECTED DEFECT CODE
- OPTION(6)?

GATHERING DATA...
GATHERING NON CONFORMANCE RECORDS...
RECORDS SELECTED: 7

NON CONFORMANCE REPORT
 =====
 ALL RECORDS FROM 00/00/00 TO 99/99/99

SUM631

NCR NUMBER	NCR DATE	PART NUMBER	DESCRIPTION	BUYER	VENDOR CODE	PO NUMBER	PO LINE	NON-CONF QUANTITY	SOURCE CODE	DEFECT CODE	DISP CODE
00007	02/24/00	11-LFAG-SHQ10	L NC010 F2A.177 48.00X 96.00 S	MEM381		XYZ	.01	12.00			
TOTALS FOR VENDOR: MEM381								12.00			
			MSC FIREFIGHTERS ASSOCIATION MEMPHIS TN								
DAVE	11/19/99	221100-1-25	LPS-PAT12-095-2X4-25/PTC25	RM	PLA432	D048633	99.00	720.00	SRC	DEF	DI
DAVE2	11/19/99	221100-1-25	LPS-PAT12-095-2X4-25/PTC25	DB	PLA432	D048633	5.37	480.00	SRC	DE	DI
DAVE3	11/19/99	221100-1-25	LPS-PAT12-095-2X4-25/PTC25	RM	PLA432	D048633	5.40	720.00	SC		
TOTALS FOR VENDOR: PLA432								1920.00			
			PLASKOLITE INC COLUMBUS OH								
00008	02/24/00	11-LFAD-SHQ10	L NC010 F2A.118 48.00X 96.00 S	SUM631		DAVEP02	.01	13.00			
00006	02/24/00	221100-1-25	LPS-PAT12-095-2X4-25/PTC25	11	SUM631	DAVEP0	.02	10.00			
00009	02/24/00	225101-1	LPA-PAT12-095-22X46.31-LI THW	11	SUM631	DAVEP03	.02	16.00			
TOTALS FOR VENDOR: SUM631								39.00			
			SUMMIT SYSTEMS INC ST LOUIS MO								
TOTALS FOR THIS REPORT:								1971.00			

STARTING NON-CONFORMANCE DATE? E *

```
*****
*   Example of the vendor performance comin variables,   *
*   used to set defaults in the non conformance entry   *
*   program UT, 493                                     *
*****
```

COMMAND (TEST, MG, 60)? U, 494

*

Maintain Vendor Performance Tables (v5.0)

TABLE UPDATE OPTION:

1. SCORECARD MASTER FILE
2. VENDOR PERFORMANCE COMIN VARIABLES
3. SOURCE CODE TABLE
4. DEFECT CODE TABLE
5. DISPOSITION CODE TABLE

OPTION(1)? 2

NCR NUMBER OPTION:

1. ENTERED BY THE USER
2. AUTOMATI CALLY ASSIGNED

OPTION(1)? 2

SOURCE CODE OPTION:

1. OPTIONAL
2. REQUIRED

OPTION(2)? 2

PURCHASE ORDER NUMBER OPTION:

1. OPTIONAL
2. REQUIRED

OPTION(2)? 2

VENDOR NUMBER OPTION:

1. OPTIONAL
2. REQUIRED

OPTION(2)? 2

DEFECT CODE OPTION:

1. OPTIONAL
2. REQUIRED

OPTION(2)? 2

DISPOSITION CODE OPTION:

1. OPTIONAL
2. REQUIRED

OPTION(2)? 2

* First screen of the UT,497 maintain non-conformance *
* entries *

MAINTAIN NON-CONFORMANCE FILE

NCR NUMBER: 12345 * NCR DATE : 09/10/98*
PO NUMBER : 101010 PO LINE NO : 1.00 VENDOR CODE: 01828 *
PART NO : 708100 1/2X1/2X1/2 ALUM WH EGGCRATE
BUYER CODE: 04* DEFECT CODE: D * DI SPOS. CODE: DI *
QUANTITY : 10 .00 WORK ORDER : *COMPLAIN NO: *
COMMENT 1: PARTS HAD STRESS FRACTURES *
COMMENT 2: *
COMMENT 3: *
COMMENT 4: *

CONTINUE TO THE NEXT SCREEN (Y)?

Y *

COMMAND (TEST, MG, 60)? U, 494

*

Maintain Vendor Performance Tables (v5.6)

TABLE UPDATE OPTION:

1. SCORECARD MASTER FILE
2. NON-CONFORMANCE COMIN VARIABLES
3. SOURCE CODE TABLE
4. DEFECT CODE TABLE
5. DISPOSITION CODE TABLE

OPTION(1)? 1

WOULD YOU LIKE TO:

1. MAINTAIN THE SCORECARD VALUES FOR ALL VENDORS
2. MAINTAIN SCORECARD VALUES FOR A SPECIFIC VENDOR
3. LIST THE SCORECARD VALUE FILE
4. MAINTAIN A DEFAULT RANGE OF SCORES FOR A LETTER
5. MAINTAIN A DEFAULT RANGE OF SCORES FOR A GRADE

OPTION(1)? 2

VENDOR CODE OR SEARCH STRING? 01018

*

ATLANTIC PACKAGING

A RECORD IS ON FILE FOR THIS VENDOR, SHALL WE:

1. MODIFY THIS RECORD
2. DELETE THIS RECORD

OPTION(1)? 1

WOULD YOU LIKE TO ESTABLISH A PERMANENT NUMBER OF DAYS EARLY OR LATE FOR THIS VENDOR (N/Y)? Y

PLEASE ENTER THE NUMBER OF DAYS EARLY AND LATE TO SUBTOTAL BY:

OVER 20 DAYS EARLY
10 TO 20 DAYS EARLY
5 TO 9 DAYS EARLY
ON-TIME 4 DAYS EARLY TO 2 DAYS LATE
2 TO 7 DAYS LATE
8 TO 15 DAYS LATE
OVER 15 DAYS LATE

PENALTY FOR A RETURN TRANSACTION(.0)? -50
PENALTY FOR EACH 1% QUANTITY RETURNED(.00)?

PENALTY FOR A NONCONFORMANCE TRANSACTION(.0)?
PENALTY FOR EACH 1% NONCONFORMANCE QTY(.00)?

PENALTY FOR A PARTIAL SHIPMENT(.0)? 30

PENALTY FOR AN OVER SHIPMENT(.0)? 20

PENALTY FOR RECEIPTS 20 DAYS EARLY(.0)? 20
PENALTY FOR RECEIPTS 10 DAYS EARLY(.0)? 10
PENALTY FOR RECEIPTS 5 DAYS EARLY(.0)? 5

PENALTY FOR RECEIPTS 2 DAYS LATE(.0)? 10
PENALTY FOR RECEIPTS 7 DAYS LATE(.0)? 20
PENALTY FOR RECEIPTS 15 DAYS LATE(.0)? 30