

# **Cost Rollup System User Manual**

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## Cost Rollup System

### Contents

Features of Cost Rollup System.....	2
New Enhancements.....	3
LI,278 List a Part's Cost Fields.....	6
UT,278 Maintain Cost Rollup Variables.....	7
UT,279 Cost Rollup Utility.....	10

## Cost Rollup System Features

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The Cost Rollup System is an integrated set of utilities that supplements the weaknesses of setting and updating costs in Manman. The Cost Rollup System streamlines the process and performs in a single transaction what could take scores of transactions in the Manman system. The primary features are as follows:

### Safety

The system is designed to safely change standard or current costs. The users stay out of the dangerous UT,252 and UT,24x commands. Eliminates IT involvement in the cost rollup process.

### Component Cost Where Used Feature

Enter a new standard cost or current cost of a component. The program will rollup and update the cost on all of the subassemblies and assemblies that use the component. UT,252 postings are created for standard cost changes as required.

### Complete Rollup of Large Assemblies

The user may enter an assembly part number. The Cost Rollup system will roll up and update the cost of the assembly, and update the cost on all of its corresponding subassemblies. UT,252 postings are created for standard cost changes as required.

### Current Costs and Standard Costs are Retained

During a standard cost rollup, the current cost is not updated. The existing standard costs are archived in a separate data base prior to the update to provide a complete audit trail.

### Proposed Cost buckets are included

The Cost Rollup System provides a data base to store 'proposed', 'temporary', and 'previous standard' cost fields of a part number. These extra cost buckets can be used to enter proposed costs for parts that can be incorporated at a later date. A utility is provided to update the proposed cost fields, and move the proposed costs into the item master.

### Visibility of Prior Costs and Dates

The Cost Rollup System captures the date, user name, and old cost values. The user can enter a part number, and view the existing and prior cost values, and the date the new costs were established.

### Ability to include Bill of Material Yields and Shrinkage

There is an option available in the Cost Rollup Utilities to inflate the cost calculations by the bill of material yield factor and/or the shrinkage percentage.

Save countless hours of effort costing your products, and provide yourself with an audit trail as to what your costs were and when they were changed.

## New Features of Release 4.0

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### Bill of Material Yield and Shrinkage calculation option

There are two new options that have been added to the cost calculation options. The user may choose to inflate the cost calculations by either the bill of material yield factor and/or the shrinkage percentage. This can be set up as a permanent setting, or to prompt the user for either of these options for each run of UT,279.

### Zero Proposed Cost on all parts

Utility UT,278 now has a new option to zero the proposed cost on all parts. This was added to assist with setting up a new series of cost entries that would later be moved into production.

## New Features of Release 3.5

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### Rollup Current and Update Standard for an Assembly

The top-down assembly rollup option, now includes the ability to rollup all levels at current cost, then move the current cost to standard (UT,252).

### Move Current to Standard on All Parts

For users that wish to revalue all parts in the data base, a new cost rollup option (4) has been established to do so. This option has the same functionality as running a UT,252 on all parts with two exceptions. First, it does not open a new transaction log file and lock the data base. Second, the old and new cost changes are captured in the cost rollup data base so the user can view the cost differences. It is presumed that the user will already have established the correct values in the current cost fields of the parts using standard Manman utilities (ie, UT,242, UT,244) before using this option. This option is enabled through a comin variable

setting in UT,278

#### Improved Performance

The file opens and closed have been revised to improve the speed of the UT,279 Cost Rollup Utility. Large updates with UT,279 now run approximately 30% faster.

## New Features of Release 3.0

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#### Support for Material Burden Factor

For users that make extensive use of Material Burden factors, you now have the option of being prompted for the Material Burden Factor, immediately after changing the Material Cost of a component. This prompt is controlled by the cost rollup comin variable settings in UT,278 option 6.

## New Features of Release 2.5

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#### New List Screen

A new list screen LI,278 has been added to the cost rollup system. This will allow users the ability to look at a parts current, standard, proposed, and previous standard costs, without the ability to update the proposed or current costs as UT,278 allows.

#### Single Part Cost Update

A third update option has been added to UT,279. This will allow you to enter new costs, or rollup, a single part number without updating any other parts that this part may be tied to.

#### COST ROLLUP OPTION:

1. ROLLUP ASSEMBLY AND ALL LOWER-LEVEL SUBASSEMBLIES
  2. ENTER NEW COST FOR A COMPONENT, THEN ROLLUP ALL SUBASSEMBLIES AND ASSEMBLIES THE COMPONENT IS USED ON
  3. ENTER NEW COST FOR A SINGLE PART <<<-- new option
- OPTION(2)? E

## New Features of Release 2.0

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### New Subassembly Where-Used Cost Rollup Options

The Where-used (bottom-up) Cost Rollup option was originally intended for use with buy parts. Whereby you would enter a new material cost for your buy part, and the cost would be rolled through all subsequent subassemblies and assemblies.

However, often it is necessary to update the material and/or labor cost on a subassembly, and roll its new cost through its subsequent assemblies that it is used in.

A new prompt as been added that when a user performs a where-used cost rollup, and the part number entered is a 'make' part, the following appears:

```
THIS COMPONENT IS A 'MAKE' PART.  HOW DO YOU CARE TO PROCEED:  
1.  RECALCULATE MATERIAL AND LABOR COST OF THIS PART  
2.  ENTER NEW MATERIAL COST, RECALCULATE LABOR COST,  
3.  LEAVE MATERIAL AS IS, RECALCULATE LABOR COST  
4.  ENTER NEW MATERIAL COST, DO NOT RECALCULATE LABOR  
5.  ENTER NEW MATERIAL, LABOR, AND OVHD COSTS  
OPTION(1)?
```

This should allow the user to rollup the subassembly, or rollup the material or labor of the subassembly through the bills of material it is used on.

### New Proposed Cost Copy Options

When copying the 'proposed' costs to the current costs in the item master record, a new prompt appears:

```
UPDATE CURRENT COST IF PROPOSED COST IS ZERO (N)?
```

This will prompt will only allow updating of the current costs if a proposed cost has been entered.

## LI,278 List a Part's Cost Fields

This command is used to view existing and previous cost fields for a part. This varies from the MG,LI,101 because you view the 'proposed' cost fields, and the 'old standard' cost fields. The Cost Rollup Utility MG,UT,279 stores the standard cost in a set of fields called the 'old standard' prior to updating the item master record with new standard costs. In addition to listing the cost values, the date and user name of the update is listed.

This command is identical to option 1 in UT,278.

### Prompts

The following prompt appears:

PART NUMBER?

The cost fields for the parts are listed, along with the date and user name of the last update.

### Files Accessed

CRLIM Cost Rollup item master cost file (CRLDB)  
IM Item master file

## UT,278 Maintain Cost Rollup Variables

This command is used to for three seperate functions; setting default values for UT,279, maintaining a third set of cost numbers for a part, and listing existing and previous cost values for a part.

Option 6 is to set the default values for the UT,279 cost rollup utility. The defaults streamline the process by allowing the user to fill in the common responses to the cost rollup prompts.

Options 2 through 5 maintain a third set of cost numbers for a part. This is called the 'proposed' cost for a part. The proposed cost will allow you a means of establishing new, or retaining old, costs about a part. You can also 'copy' to and from the proposed cost fields for a single or several part numbers.

Option 1 is used to view existing and previous cost fields for a part. This varies from the MG,LI,101 because you view the 'proposed' cost fields, and the 'old standard' cost fields. The Cost Rollup Utility MG,UT,279 stores the standard cost in a set of fields called the 'old standard' prior to updating the item master record with new standard costs. In addition to listing the cost values, the date and user name of the update is listed.

## Prompts

ENTER OPTION:

1. LIST A PART'S COST VARIABLES
2. MAINTAIN A PARTS' PROPOSED COST
3. COPY CURRENT COST TO PROPOSED COST
4. COPY STANDARD COST TO PROPOSED COST
5. COPY PROPOSED COST TO CURRENT COST
6. ZERO PROPOSED COSTS OF ALL PARTS
7. MAINTAIN COST ROLLUP COMIN VARIABLES

OPTION(1)?

Enter the option that you wish to perform.

If you enter option 1, the following prompt appears:

PART NUMBER?

The cost fields for the parts are listed, along with the date and user name of the last update.

If you enter option 2, the following prompt appears:

PART NUMBER?

The user is prompted for each Item master cost field, and



the proposed cost in the cost rollup data base is updated.

If you enter class option 3, 4 or 5, then following prompt appears:

ENTER A PART NUMBER, OR 'ALL' FOR A GROUP OF PARTS  
PART NUMBER?

Enter a part number to move the cost to or from. If you enter 'all', the following prompts appear:

CLASS CODE GROUP (1)?

Enter a class code group to use. This must be a value between 1 and 4.

CLASS CODE (C/R = ALL)?

Enter a specific class code to update. If you press return, then all parts on the system will be updated.

If you select option number 6, the following prompt will appear:

Zero ALL Proposed Costs for ALL Parts(N)?

Entering a 'Y' will zero all of the proposed cost numbers in the cost rollup database.

If you select option number 7, the Cost Rollup defaults that are already on file appear (if any), followed by the following sets of prompts:

DEFAULT INVENTORY ADJUSTMENT ACCOUNT NUMBER?

DEFAULT WIP ADJUSTMENT ACCOUNT NUMBER?

Enter the default account numbers to adjust inventory and/or work-in-process if a UT,252 standard cost adjustment transaction is processed. The user has the option of overriding the accounts in UT,279.

FREE STOCK OPTION:

1. ALWAYS INCLUDE FREE STOCK PARTS DURING COST ROLLUPS
  2. DO NOT INCLUDE FREE STOCK PARTS DURING COST ROLLUPS
  3. PROMPT TO INCLUDE FREE STOCK PARTS
- OPTION(1)? 3

If you always wish to include free stock parts (source code F) in your cost rollup calculations, enter 1. If you never wish to include free stock parts in your cost rollup calculations, enter 2. If you wish to be prompted within UT,279 as to whether to include free stock parts

or not, enter 3.

ENTER THE DEFAULT SETTING FOR THE PROMPT:

DO YOU WISH TO UPDATE THE TRACKING FILE  
STANDARD SET-UP AND RUN HOURS,  
ACCUMULATED EARNED SET-UP AND RUN HOURS,  
STANDARD MACHINE SET-UP AND RUN HOURS, AND  
STANDARD OUTSIDE PROCESSING COST  
WITH THE STANDARD HOURS/COST IN THE ROUTING FILE (N/Y)?

TRACKING FILE UPDATE OPTION FOR THE PROMPT ABOVE:

1. NEVER UPDATE THE TRACKING FILE
  2. ALWAYS UPDATE THE TRACKING FILE
  3. PROMPT AS TO WHETHER TO UPDATE THE TRACKING FILE
- OPTION(1)? 3

For the prompt above that is an option when creating a UT,252 standard cost adjustment transaction; enter 1 to never update the tracking file, enter 2 to always update the tracking file, or enter 3 to prompt the user within UT,279 with the prompt above.

ALLOW THE 'ALL' PARTS UPDATE OPTION IN UT,279 (N)?

By setting this prompt, you enable update option '4' in the UT,279 utility. The update option 4 is an 'all' part current to standard cost update to replace the UT,252 all option.

BILL OF MATERIAL YIELD CALCULATION OPTION:

1. DO NOT INFLATE BY YIELD FACTOR
  2. ALWAYS INFLATE BY YIELD FACTOR
  3. PROMPT USER IF THEY WISH TO INFLATE BY YIELD FACTOR
- OPTION(1)?

SHRINKAGE CALCULATION OPTION:

1. DO NOT INFLATE BY SHRINKAGE PERCENTAGE
  2. ALWAYS INFLATE BY SHRINKAGE PERCENTAGE
  3. PROMPT USER IF THEY WISH TO INFLATE BY SHRINKAGE PERCENTAGE
- OPTION(1)?

These two prompts will allow the user to inflate the cost calculation by the bill of material yield factor and/or the parts shrinkage percentage.

## Files Accessed

CRDEF Cost Rollup default file (CRLDB)  
CRLIM Cost Rollup item master cost file (CRLDB)  
IM Item master file

## UT,279 Cost Rollup Utility

The UT,279 Cost Rollup Utility provides the user with two distinctly different methods of rolling cost that are not available with the standard Manman software. A third option to conveniently update a single parts cost is also provided.

- 1) Multi-Level Assembly Rollup - with this option the user enters an assembly part number. A current cost or standard cost rollup is performed on the assembly. In addition, all of the subassemblies in the bill of material are updated. UT,252 postings are created for assemblies that require them if standard costs are changed.
- 2) Where-Used Component update - with this option the user can enter a new current or new standard cost of a component. The utility will update the component's cost, and then level-by-level perform a cost rollup on each subassembly and assembly the component is used in. UT,252 postings are created for parts that require them if standard costs are changed.
- 3) Single Part cost update - safely enter new costs, or rollup costs on a single part. This will not update any other parts that may be referenced in the bill of material.

An additional feature of the UT,279 command is that the current cost and the standard costs are retained. In a normal Manman standard costing exercise, the user must move modify the current costs of the parts, then use UT,252 to move the current costs to standard. After the UT,252 the standard and current costs will be the same, and the original value of the current cost is lost.

The UT,279 retains the current cost in 'temporary cost' fields in the cost rollup data base. After the standard cost is updated, the temporary cost fields are moved back into the current cost. Therefore, the current costs are retained when performing standard cost rollups.

The 'old' standard costs are also retained in the cost rollup data base before a new standard cost is calculated. The date when the cost rollup utility was run and the user name is also retained. This allows the user to use UT,278 and view the existing standard cost, and the previous standard cost side by side.

Command UT,278 option 6 must be run to set the default values prior to using the command.

## Prompts

Displays output options.  
OPTION (3)?

COST ROLLUP OPTION:

1. ROLLUP ASSEMBLY AND ALL LOWER-LEVEL SUBASSEMBLIES
  2. ENTER NEW COST FOR COMPONENT AND ROLLUP ALL  
SUBASSEMBLIES AND ASSEMBLIES THE COMPONENT IS USED ON
  3. ENTER NEW COST FOR A SINGLE PART
  4. UPDATE STANDARD FROM CURRENT ON 'ALL' PARTS
- OPTION?

To perform a multi-level rollup on an assembly part number, enter 1. To update a components cost and perform a where-used cost rollup enter 2. To perform a simple update of a single part's cost, enter 3. To update the value of the standard cost of all parts in the data base, enter 4.

If you select option 1, the Multi-Level cost rollup, the following prompts appear:

ROLLUP ASSEMBLY AND ITS SUBASSEMBLIES  
ENTER COST OPTION FOR ASSEMBLY ROLLUP:

1. ROLLUP STANDARD COSTS
  2. ROLLUP CURRENT COSTS
  3. ROLLUP CURRENT COSTS, MOVE CURRENT TO STANDARD
- OPTION(1)? 1

To rollup the standard cost of the assembly, enter 1. To rollup the current costs of the assembly enter 2. To rollup the current cost and then update the standard cost fields of the assembly and sub-assembly, use enter 3.

If you have set the 'include free stock' option to prompt within UT,278, the following prompt appears:

INCLUDE SOURCE CODE F AND CLASS CODE 0 PARTS IN THE ROLLUP (N)?

If you have set the 'inflate cost by bom yield factor' option to prompt within UT,278, the following prompt appears:

INFLATE COSTS BY THE BOM YIELD FACTORS (N)?

If you have set the 'inflate cost by shrinkage' option to prompt within UT,278, the following prompt appears:

INFLATE COSTS BY THE SHRINKAGE PERCENT (N)?

If you have set the 'update tracking file' option to prompt within UT,278 and you are performing a standard cost rollup, the following prompt may appear:

DO YOU WISH TO UPDATE THE TRACKING FILE  
STANDARD SET-UP AND RUN HOURS,  
ACCUMULATED EARNED SET-UP AND RUN HOURS,  
STANDARD MACHINE SET-UP AND RUN HOURS, AND  
STANDARD OUTSIDE PROCESSING COST  
WITH THE STANDARD HOURS/COST IN THE ROUTING FILE (N/Y)?

If you are performing a standard cost rollup, the following prompts will appear:

USE xxxxxxxx AS YOUR INVENTORY ADJUSTMENT ACCOUNT (Y)?  
USE xxxxxxxx AS YOUR WIP ADJUSTMENT ACCOUNT (Y)?  
If you wish to use the accounts listed, then enter 'Y' or  
press return. If you enter 'N' you will be prompted for a  
new adjustment inventory or wip account.

ASSEMBLY PART NUMBER?

Enter the assembly part number to rollup.

DATE?

Enter the effective date of the bill of material to use.

The assembly and subassembly costs are rolled up. A summary report is generated listing the old and new cost values.

=====  
If you select option 2, the component where used update,  
or option 3, the single parts cost update, the following  
prompts appear:

COMPONENT PART NUMBER?

Enter the component part number whose cost you want to update.

ENTER COST OPTION FOR COMPONENT'S NEW COST:

1. STANDARD COSTS
2. CURRENT COSTS

OPTION(1)? 1

Enter a 2 to update the components current cost and perform  
a current cost rollup. Enter a 1 to update the components  
standard cost and perform a standard cost rollup.

If you entered a 'make' part as the component part number, the  
program presumes this is a subassembly, and will display the  
following prompt:

THIS COMPONENT IS A 'MAKE' PART. HOW DO YOU CARE TO PROCEED:

1. RECALCULATE MATERIAL AND LABOR COST OF THIS PART
  2. ENTER NEW MATERIAL COST, RECALCULATE LABOR COST,
  3. LEAVE MATERIAL AS IS, RECALCULATE LABOR COST
  4. ENTER NEW MATERIAL COST, DO NOT RECALCULATE LABOR
  5. ENTER NEW MATERIAL, LABOR, AND OVHD COSTS
- OPTION(1)? 5

Select option 1 to recalculate the material and labor cost of the component entered using its bill of material and routing records. Select option 2 to recalculate only the labor portion of the part, and enter a new material cost. Select option 3 to update the labor portion only of the part. Select option 4 to enter new material cost and treat this part like a purchased part.

If you selected standard costs:

NEW STANDARD MATERIAL COST (xx.xxxx)?

If you selected current costs:

NEW CURRENT MATERIAL COST (xx.xxxx)?

If you have the Cost Rollup comin variable (UT,278) turned on to prompt for material burden factor:

If you selected standard costs:

NEW STANDARD MATERIAL BURDEN FACTOR (xx.xxxx)?

If you selected current costs:

NEW CURRENT MATERIAL BURDEN FACTOR (xx.xxxx)?

Enter the new cost of the component. These prompts do not appear if the component is a 'make' part and you selected options 1 or 3 above.

If you entered a 'make' part and you choose option 5 to enter new material, labor, and overhead, those prompts will appear. The cost rollup uses these values instead of recalculating labor and overhead, updates the part, and then performs a where-used rollup on all upper-level parts.

(STANDARD or CURRENT will appear in the prompts below depending on whether you are doing a standard or current cost rollup.)

STANDARD ASSEMBLY DIRECT LABOR COST (xx.xxxx)?

STANDARD ASSEMBLY FIXED OVERHEAD COST (xx.xxxx)?

STANDARD ASSEMBLY VARIABLE OVERHEAD COST (xx.xxxx)?

STANDARD ASSEMBLY THIRD OVERHEAD COST (xx.xxxx)?

STANDARD OUTSIDE PROCESSING COST (xx.xxxx)?

STANDARD COMPONENT DIRECT LABOR COST (xx.xxxx)?

STANDARD COMPONENT FIXED OVERHEAD COST (xx.xxxx)?

STANDARD COMPONENT VARIABLE OVERHEAD COST (xx.xxxx)?

STANDARD COMPONENT THIRD OVERHEAD COST (xx.xxxx)?

STANDARD MATERIAL BURDEN FACTOR (xx.xxxx)?

STANDARD OUTSIDE PROCESSING BURDEN FACTOR (xx.xxxx)?

STANDARD OUTSIDE PROCESSING BURDEN FACTOR (xx.xxxx)?

STANDARD COMPONENT MATERIAL OVERHEAD (xx.xxxx)?

STANDARD COMPONENT OUTSIDE PROCESSING COST (xx.xxxx)?

STANDARD COMPONENT OUTSIDE PROCESSING OVERHEAD COST (xx.xxxx)?

If you have set the 'include free stock' option to prompt within UT,278, the following prompt appears:

INCLUDE SOURCE CODE F AND CLASS CODE 0 PARTS IN THE ROLLUP (N)?

If you have set the 'update tracking file' option to prompt within UT,278 and you are performing a standard cost rollup, the following prompt may appear:

DO YOU WISH TO UPDATE THE TRACKING FILE  
STANDARD SET-UP AND RUN HOURS,  
ACCUMULATED EARNED SET-UP AND RUN HOURS,  
STANDARD MACHINE SET-UP AND RUN HOURS, AND  
STANDARD OUTSIDE PROCESSING COST  
WITH THE STANDARD HOURS/COST IN THE ROUTING FILE (N/Y)?

If you are performing a standard cost rollup, the following prompts will appear:

USE xxxxxxxx AS YOUR INVENTORY ADJUSTMENT ACCOUNT (Y)?  
USE xxxxxxxx AS YOUR WIP ADJUSTMENT ACCOUNT (Y)?  
If you wish to use the accounts listed, then enter 'Y' or  
press return. If you enter 'N' you will be prompted for a new  
adjustment inventory or wip account.

The component cost will be updated. If you selected option number 2 (where-used cost update), a multi-level where used is performed and each subassembly and assembly that references the component will have its cost rolled also. A summary report of the cost changes is created.

=====  
If you select option 4, move current cost to standard cost on all parts, the following prompts appear:

YOU HAVE SELECTED OPTION 4 TO REVALUE 'ALL' PARTS IN THE DATA BASE.  
DO YOU WISH TO CONTINUE (N)? \*

This option has the same functionality as running a UT,252 on all parts with two exceptions. First, it does not open a new transaction log file and lock the data base. Second, the old and new cost changes are captured in the cost rollup data base so the user can view the cost differences. It is presumed that the user will already have established the correct values in the current cost fields of the parts using standard Manman utilities (ie. UT,242, UT,244) before using this option.

USE xxxxxxxx AS YOUR INVENTORY ADJUSTMENT ACCOUNT (Y)?  
USE xxxxxxxx AS YOUR WIP ADJUSTMENT ACCOUNT (Y)?  
If you wish to use the accounts listed, then enter 'Y' or  
press return. If you enter 'N' you will be prompted for a new  
adjustment inventory or wip account.

## Files Accessed

ASSEMB Assembly master file  
IM Item master file  
ECOREC Engineering change order file  
PSF Product structure file  
OWOF Work order file  
WOSHT Work order allocation file

## Report Format

Part Number  
Description  
Source Code  
Old Material Cost prior to update (if 132 column listing)  
New Material Cost after update (if 132 column listing)  
Old Labor Cost prior to update (if 132 column listing)  
New Labor Cost after update (if 132 column listing)  
Old Unit Cost prior to update  
New Unit cost after update  
Cost Difference between New unit cost and Old labor cost



COMMAND (TEST, MG, 0)? L, 278

\*

list a Parts Costs

(v2.51)

ENTER DESIRED OUTPUT OPTION:

0. LINE PRINTER

1. TERMINAL, 132 COLUMNS

2. ENTER LOGICAL DEVICE/DISC FILE, 132 COLUMNS

3. TERMINAL

OPTION (3)? 3

PART NUMBER? D123456

\*

COPPER WIRE

(LF)

SOURCE: B

REV:

STANDARD COST UPDATED ON: 09/18/02 BY SMITH

COST FIELD	PROPOSED	OLD STD	CURRENT	STANDARD	VARIANCE
MATERIAL	.000	.400	.410	.500	-.090
MATERIAL OVERHEAD	.000	.200	.000	.125	-.125
ASSEMBLY DIRECT LABOR	.000	.000	.000	.000	.000
ASSEMBLY FIXED OVHD	.000	.000	.000	.000	.000
ASSEMBLY VARIABLE OVHD	.000	.000	.000	.000	.000
ASSEMBLY THIRD OVHD	.000	.000	.000	.000	.000
ASSEMBLY OUTSIDE PROC	.000	.000	.000	.000	.000
ASMBLY OUTSIDE PROC OVHD	.000	.000	.000	.000	.000
COMPONENT MATERIAL OVHD	.000	.000	.000	.000	.000
COMPONENT DIRECT LABOR	.000	.000	.000	.000	.000
COMPONENT FIXED OVHD	.000	.000	.000	.000	.000
COMPONENT VARIABLE OVHD	.000	.000	.000	.000	.000
COMPONENT THIRD OVHD	.000	.000	.000	.000	.000
COMPONENT OUTSIDE PROC	.000	.000	.000	.000	.000
COMP. OUTSIDE PROC OVHD	.000	.000	.000	.000	.000
D123456					
COPPER WIRE	.000	.600	.410	.625	-.215

```
*****
*
* Example of setting cost rollup comin variables with UT,278
*
*****
```

COMMAND (TEST, MG, 0)? U 278 \*

Maintain Cost Rollup variables (v4.05)

ENTER OPTION:

1. LIST A PART'S COST VARIABLES
2. MAINTAIN A PARTS' PROPOSED COST
3. COPY CURRENT COST TO PROPOSED COST
4. COPY STANDARD COST TO PROPOSED COST
5. COPY PROPOSED COST TO CURRENT COST
6. ZERO PROPOSED COSTS OF ALL PARTS
7. MAINTAIN COST ROLLUP COMIN VARIABLES

OPTION(1)? 7

INV ADJUSTMENT ACCOUNT	WIP ADJUSTMENT ACCOUNT	FREE STOCK	TRACKING UPDATE	BURDEN PROMPT
ROLLADJ	ROLLADJ	YES	YES	NO

ALLOW UPDATE OF 'ALL' PARTS IN UT,279 : NO

INFLATE COSTS BY THE BOM YIELD FACTORS: NO

INFLATE COSTS BY THE SHRINKAGE PERCENTAGE: NO

PROMPTING FOR NEW COMIN VARIABLE VALUES. ENTER 'E' TO EXIT

DEFAULT INVENTORY ADJUSTMENT ACCOUNT NUMBER? ROLLADJ \*

DEFAULT WIP ADJUSTMENT ACCOUNT NUMBER? ROLLADJ \*

FREE STOCK OPTION:

1. ALWAYS INCLUDE FREE STOCK PARTS DURING COST ROLLUPS
2. DO NOT INCLUDE FREE STOCK PARTS DURING COST ROLLUPS
3. PROMPT TO INCLUDE FREE STOCK PARTS

OPTION(1)? 1

ENTER THE DEFAULT SETTING FOR THE PROMPT:

DO YOU WISH TO UPDATE THE TRACKING FILE

STANDARD SET-UP AND RUN HOURS,  
 ACCUMULATED EARNED SET-UP AND RUN HOURS,  
 STANDARD MACHINE SET-UP AND RUN HOURS, AND  
 STANDARD OUTSIDE PROCESSING COST

WITH THE STANDARD HOURS/COST IN THE ROUTING FILE (N/Y)?

TRACKING FILE UPDATE OPTION FOR THE PROMPT ABOVE:

1. NEVER UPDATE THE TRACKING FILE
2. ALWAYS UPDATE THE TRACKING FILE
3. PROMPT AS TO WHETHER TO UPDATE THE TRACKING FILE

OPTION(2)? 2

PROMPT FOR BURDEN FACTOR WHEN PROMPTING FOR NEW MATERIAL COST:

1. DO NOT PROMPT FOR MATERIAL BURDEN FACTOR

2. PROMPT FOR MATERIAL BURDEN FACTOR  
OPTION(1)? 1

ALLOW THE 'ALL' PARTS UPDATE OPTION IN UT,279 (N)? N \*

BILL OF MATERIAL YIELD CALCULATION OPTION:

1. DO NOT INFLATE BY YIELD FACTOR
  2. ALWAYS INFLATE BY YIELD FACTOR
  3. PROMPT USER IF THEY WISH TO INFLATE BY YIELD FACTOR
- OPTION(1)? 1

SHRINKAGE PERCENTAGE CALCULATION OPTION:

1. DO NOT INFLATE BY SHRINKAGE PERCENTAGE
  2. ALWAYS INFLATE BY SHRINKAGE PERCENTAGE
  3. PROMPT USER IF THEY WISH TO INFLATE BY SHRINKAGE PERCENTAGE
- OPTION(1)? 1

\*\* RECORD UPDATED \*\*

COMMAND (TEST, MG, 0)? E

\*

```
*****
*
* Example of listing the proposed and old standard cost fields *
* of a part, and the date and user name from the last update *
*
*****
```

COMMAND (TEST, MG, 0)? U, 278

\*

Maintain Cost Rollup variables

(v4.05)

ENTER OPTION:

1. LIST A PART'S COST VARIABLES
2. MAINTAIN A PARTS' COST VARIABLES
3. COPY CURRENT COST TO PROPOSED COST
4. COPY STANDARD COST TO PROPOSED COST
5. COPY PROPOSED COST TO CURRENT COST
6. MZERO PROPOSED COST ON ALL PARTS
7. MAINTAIN COST ROLLUP COMIN VARIABLES

OPTION(1)? 1

ENTER DESIRED OUTPUT OPTION:

0. LINE PRINTER
1. TERMINAL, 132 COLUMNS
2. ENTER LOGICAL DEVICE/DISC FILE, 132 COLUMNS
3. TERMINAL

OPTION (3)? 3

PART NUMBER? 9876

\*

TRANSMISSION

(EA)

SOURCE: M

REV:

STANDARD COST UPDATED ON: 08/01/01 BY BYRNS

COST FIELD	PROPOSED	OLD STD	CURRENT	STANDARD	VARIANCE
MATERIAL	.000	3.800	3.500	4.000	-.500
MATERIAL OVERHEAD	.000	.000	.000	.000	.000
ASSEMBLY DIRECT LABOR	.000	.000	.000	.000	.000
ASSEMBLY FIXED OVHD	.000	.000	.000	.000	.000
ASSEMBLY VARIABLE OVHD	.000	.000	.000	.000	.000
ASSEMBLY THIRD OVHD	.000	.000	.000	.000	.000
ASSEMBLY OUTSIDE PROC	.000	.000	.000	.000	.000
ASMBLY OUTSIDE PROC OVHD	.000	.000	.000	.000	.000
COMPONENT MATERIAL OVHD	.000	.000	.000	.000	.000
COMPONENT DIRECT LABOR	.000	.000	.000	.000	.000
COMPONENT FIXED OVHD	.000	.000	.000	.000	.000
COMPONENT VARIABLE OVHD	.000	.000	.000	.000	.000
COMPONENT THIRD OVHD	.000	.000	.000	.000	.000
COMPONENT OUTSIDE PROC	.000	.000	.000	.000	.000
COMP. OUTSIDE PROC OVHD	.000	.000	.000	.000	.000
9876					
TRANSMISSION	.000	3.800	3.500	4.000	-.500

PART NUMBER? E

\*

\*\*\*\*\*  
 \*  
 \* Example of a Assembly Multi-level Standard Cost Rollup \*  
 \*  
 \*\*\*\*\*

COMMAND (TEST, MG, 0)? U, 279

Cost Rollup Utility (v1.01)

ENTER DESIRED OUTPUT OPTION:

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

COST ROLLUP OPTION:

- 1. ROLLUP ASSEMBLY AND ALL LOWER-LEVEL SUBASSEMBLIES
  - 2. ENTER NEW COST FOR COMPONENT AND ROLLUP ALL SUBASSEMBLIES AND ASSEMBLIES THE COMPONENT IS USED ON
  - 3. ENTER NEW COST FOR A SINGLE PART
  - . UPDATE STANDARD FROM CURRENT ON 'ALL' PARTS
- OPTION? 1

ROLLUP ASSEMBLY AND ITS SUBASSEMBLIES  
 ENTER COST OPTION FOR ASSEMBLY ROLLUP:

- 1. ROLLUP STANDARD COSTS
  - 2. ROLLUP CURRENT COSTS
- OPTION(1)? 1

USE ROLLADJ AS YOUR INVENTORY ADJUSTMENT ACCOUNT (Y)? Y \*

USE ROLLWIP AS YOUR WIP ADJUSTMENT ACCOUNT (Y)? Y \*

ASSEMBLY PART NUMBER? 9876 \*

TRANSMISSION (EA) SOURCE: M REV:

DATE? \*

PROCESSING UT, 252 ON PART: 98762

WED, AUG 1, 2001, 2:08 PM

STANDARD COST ROLLUP SUMMARY

PAGE: 1

L	V PART NUMBER	DESCRIPTION	OLD MATL COST	NEW MATL COST	OLD LABOR COST	NEW LABOR COST	OLD UNIT COST	NEW UNIT COST	COST DIFFERENCE
0	98762	GEAR INTAKE	2.500	2.750	.000	.000	2.500	2.750	.250
0	98765	WIRING HARNESS	1.500	1.750	.000	.000	1.500	1.750	.250
0	98763	DRIVE BOX	1.000	1.000	.000	.000	1.000	1.000	.000
0	9876	TRANSMISSION	3.500	3.750	.000	.000	3.500	3.750	.250

ASSEMBLY PART NUMBER? E \*

\*\*\*\*\*  
\*  
\* Example of a Component Where Used Standard Cost Rollup \*  
\*  
\*\*\*\*\*

COMMAND (TEST, MG, 0)? U, 279 \*

Cost Rollup Utility (v1.01)

ENTER DESIRED OUTPUT OPTION:

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

COST ROLLUP OPTION:

- 1. ROLLUP ASSEMBLY AND ALL LOWER-LEVEL SUBASSEMBLIES
  - 2. ENTER NEW COST FOR COMPONENT AND ROLLUP ALL SUBASSEMBLIES AND ASSEMBLIES THE COMPONENT IS USED ON
  - 3. ENTER NEW COST FOR A SINGLE PART
- OPTION? 2

COMPONENT PART NUMBER? 98768 \*

COPPER WIRE 1/2 INCH (EA) SOURCE: B REV:

ENTER COST OPTION FOR COMPONENT'S NEW COST:

- 1. STANDARD COSTS
  - 2. CURRENT COSTS
- OPTION(1)? 1

NEW STANDARD MATERIAL COST ( 1.0500)? 1.25

USE ROLLADJ AS YOUR INVENTORY ADJUSTMENT ACCOUNT (Y)? Y \*

USE ROLLWIP AS YOUR WIP ADJUSTMENT ACCOUNT (Y)? Y \*

INCLUDE SOURCE CODE F AND CLASS CODE 0 PARTS IN THE ROLLUP (N)? \*

PROCESSING UT,252 ON PART: 98768  
ROLLING UP ASSEMBLY: 98765 OF COMPONENT:98768  
PART: 98765 DOES NOT REQUIRE UT,252  
LEVEL: 2 PROCESSING 1 SUBASSEMBLIES  
ROLLING UP ASSEMBLY: 98762 OF COMPONENT:98765  
PART: 98762 REQUIRES UT,252  
PROCESSING UT,252 ON PART: 98762  
LEVEL: 3 PROCESSING 1 SUBASSEMBLIES  
ROLLING UP ASSEMBLY: 9876 OF COMPONENT:98762  
PART: 9876 DOES NOT REQUIRE UT,252  
LEVEL: 4 PROCESSING 1 SUBASSEMBLIES

WED, AUG 1, 2001, 2:12 PM

STANDARD COST ROLLUP SUMMARY

PAGE: 1

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L			OLD MATL	NEW MATL	OLD LABOR	NEW LABOR	OLD UNIT	NEW UNIT	COST
V	PART NUMBER	DESCRIPTION	COST	COST	COST	COST	COST	COST	DIFFERENCE
-	-----	-----	-----	-----	-----	-----	-----	-----	-----
0	98768	COPPER WIRE 1/2 INCH	1.050	1.250	.000	.000	1.050	1.250	.200
1	98765	WIRING HARNESS	1.800	2.000	.000	.000	1.800	2.000	.200
2	98762	GEAR ASSEMBLY	2.800	3.000	.000	.000	2.800	3.000	.200
3	9876	TRANSMISSION	3.800	4.000	.000	.000	3.800	4.000	.200

COMPONENT PART NUMBER? E \*

COST ROLLUP OPTION:

1. ROLLUP ASSEMBLY AND ALL LOWER-LEVEL SUBASSEMBLIES
  2. ENTER NEW COST FOR COMPONENT AND ROLLUP ALL SUBASSEMBLIES AND ASSEMBLIES THE COMPONENT IS USED ON
  3. ENTER NEW COST FOR A SINGLE PART
- OPTION? E

COMMAND (TEST, MG, 0)?E

\*