



## Deplete oldest rev/rel first for ECC Component

In SYSPRO 7 Port 29, a new option 'Deplete oldest rev/rel first (Component)' was added to allow depletion of ECC-controlled components with the oldest revision/release first when issuing to a job.

To enable this option, go to Bill of Materials Setup > Engineering Change Control tab and select 'Deplete oldest rev/rel first (Component)'.

Note: This option is not available if the 'Reserve stock for allocations' option (WIP Setup > Job Creation tab) is enabled.

The screenshot shows the 'Bill of Materials Setup' window with the 'Engineering Change Control' tab selected. The 'Deplete oldest rev/rel first (Component)' option is checked and highlighted with a red box. Other options include 'Roll-up ECO changes to update parent', 'Allow cosmetic changes', 'Track release', 'Job creation', 'Purchase order creation', 'Inventory movements', and 'Sales order creation'. The 'ECC' section shows 'Initial ECO status: 100' and 'Default ECC user: PROD'. The 'User defined fields' section shows 'Revision: Revision', 'Release: Release', 'Rev: Rev', and 'Rel: Rel'. The 'Deplete oldest Rev/Rel first' section has 'Allow issues from multiple rev/reis' unchecked.

With the option 'Deplete oldest rev/rel first (Component)' selected, you will see a new option 'Deplete oldest' in:

- Structures & Routings > Maintain Components program
- WIP Material Allocation Maintenance for Job program (WIPME3)

Structures & Routings

Route: 0 - Factory Main Routing  Include non-current Configurator

Structure and Routing Parent ECC900

ECC900

Maintain Components for Stock Code: ECC900 Route: 0

Component Maintenance

Automatic sequencing	<input type="checkbox"/>
Sequence	000010
Stock code	ECC910
Description	ECC910
Long description	ECC Parent (Subcontracted)
ECC consumption	<input type="radio"/> Specified <input type="radio"/> Use current <input checked="" type="radio"/> Deplete oldest
Revision	
Release	

Material Allocations for Job: 000000000000619

Material Allocation Maintenance

Material Allocation Maintenance

Non-stocked	<input type="checkbox"/>
Stock code	ECC910
ECC consumption	<input type="radio"/> Specified <input type="radio"/> Use current <input checked="" type="radio"/> Deplete oldest
Revision	
Release	
Warehouse	FG
Unit of measure	EA

Selecting this option tells SYSPRO to use the oldest revision-release of the ECC controlled component first when issuing to a job.



For example, there are three versions of rev/rel of ECC910. The oldest rev/rel is 00001/00001 with quantity of 3 free.

Stock code: ECC910

Stock Code Details

Revision/Release for Stock Code: ECC910

Revision	Release	Current	Wh	Bin	On hand	Quantity free	Ship quantity	In tra
00001	00001	No	FG		3.000	3.000	0.000	
00002	00000	No	FG		2.000	2.000	0.000	
00003	00000	Yes	FG		1.000	1.000	0.000	

When issuing 3 of ECC910 to a job, it depletes 3 from the oldest rev/rel (00001/00001).

WIP Job Issues

Job: 00000621 Transaction type: Kit Issue

Kit/Specific Issues

Select	Stock code	Description	Revis...	Relea...	ECC consumption	Wh	Uom	Operation	Quantity free	Quantity required
<input checked="" type="checkbox"/>	ECC910	ECC910			Deplete oldest	FG	EA	00001	3.000	3.000



Inventory Query

File Query

Stock code: ECC910

Stock Code Details

Distribution

Stock code: ECC910

Description: ECC910

Long description

Dangerous good

Stock code on hand

Date of supersession

Units of measurement

Stocking unit

Alternate unit

Other unit of measurement

Manufacturing

Cost unit of measurement

Quantities in stock

Mass per stock

Volume per stock

Revision/Release for Stock Code: ECC910

Revision	Release	Current	Wh	Bin	On hand	Quantity free	Ship quantity	In transit	Last trans
00001	00001	No	FG		0.000	0.000	0.000		12/20/2
00002	00000	No	FG		2.000	2.000	0.000		12/20/2
00003	00000	Yes	FG		1.000	1.000	0.000		12/20/2

In addition, another new option 'Allow issue from multiple rev/rels' was added. This is available when the 'Deplete oldest rev/rel first (Component)' option is selected.

Bill of Materials Setup

General Sequencing AB Costing Engineering Change Control Numbering

Structure and routing archiving

Batch  
 Immediate  
 Immediate (prompted)

Set (---/---) to current rev/rel

Stock control level

Stock code  
 Revision  
 Release

ECC

Initial ECO status: 100

Default ECC user: PROD

User defined fields

Revision: Revision

Release: Release

Rev: Rev

Rel: Rel

Deplete oldest Rev/Rel first

Allow issues from multiple rev/rels

Engineering change orders

Roll-up ECO changes to update parent  
 Allow cosmetic changes  
 Track release

Job creation

No default for rev/rel  
 Default to current rev/rel  
 Assume current rev/rel at time of adding job  
 Deplete oldest rev/rel first (Component)

Purchase order creation

No default for rev/rel  
 Default to current rev/rel  
 Assume current rev/rel at time of adding order

Inventory movements

No default for rev/rel  
 Default to current rev/rel  
 Assume current rev/rel at time of transaction

Sales order creation

No default for rev/rel  
 Default to current rev/rel  
 Assume current rev/rel at time of adding order  
 Assume current rev/rel at time of shipping order

Save Print Cancel Help

By selecting the 'Allow issues from multiple rev/rels' option, you will be able to issue from different revision/releases when depleting from the oldest revision/release. For example, ECC 910 has quantity of 2 free against rev/rel (00002/00000) and quantity of 1 free against rev/rel (00003/00000).





Inventory Query

File Query

Stock code: ECC910

Stock Code Details

Distribution

Stock code: ECC910

Description: ECC910

Long description:

Dangerous good:

Stock code on hand:

Date of superses:

Units of measu:

Stocking unit c:

Alternate unit:

Other unit of r:

Manufacturing:

Cost unit of m:

Quantities in s:

Mass per stockin:

Revision/Release for Stock Code: ECC910

Revision	Release	Current	Wh	Bin	On hand	Quantity free	Ship quantity	In transit	Last tran
00001	00001	No	FG		0.000	0.000	0.000		12/20/
00002	00000	No	FG		2.000	2.000	0.000		12/20/
00003	00000	Yes	FG		1.000	1.000	0.000		12/20/

When issuing 3 of ECC910 to a job, it depletes 2 from rev/rel (00002/00000) and 1 from rev/rel (00003/00000). It depletes from the oldest rev/rel first, then from the next oldest rev/rel.

WIP Job Issues

File Options

Job: 00000622

Transaction type: Kit Issue

Kit/Specific Issues

Substitute Change Quantities Query

Select	Stock code	Description	Revis...	Relea...	ECC consumption	Wh	Uom	Operation	Quantity free	Quantity required
<input checked="" type="checkbox"/>	ECC910	ECC910			Deplete oldest	FG	EA	0000	3.000	3.000

Inventory Query

File Query

Stock code: ECC910

Stock Code Details

Distribution

Stock code: ECC910

Description: ECC910

Long description:

Dangerous good:

Stock code on hand:

Date of superses:

Units of measu:

Stocking unit c:

Alternate unit:

Other unit of r:

Manufacturing:

Cost unit of m:

Revision/Release for Stock Code: ECC910

Revision	Release	Current	Wh	Bin	On hand	Quantity free	Ship quantity	In transit	Last tran
00001	00001	No	FG		0.000	0.000	0.000		12/20/
00002	00000	No	FG		0.000	0.000	0.000		12/20/
00003	00000	Yes	FG		0.000	0.000	0.000		12/20/