

Enhancement to Light Manufacturing (Spec 5309)

Date Released: May/June 2017

Modules:

- Navigator OM
- Navigator Order Entry and Order Change
- Reorder reports versions 7 and 8. Navigator and DES
- DES Menu option LMF 5
- SET 4 system wide settings

Description:

- Support the ability to set 1 or more branches as manufacturing only. Orders from these branches will show Light Manufacturing (LMF) finished goods as scheduled on versions 7 and 8 of the reorder report.
- Support use of a specific adjustment code for adjustments to component items in LMF 5 transactions. LMF component items with the set adjustment codes will optionally be included as usage in item reorder reports versions 7 and 8.
- Allow users to enter orders to manufacture stock even when inventory is available.
- Ensure that NAV OM finished good items can be included in Bill of Material file as a component for another LMF item. For example: If items A B and C are used to manufacture item D, Item D may be used in bill of material file for item H so that after completing the manufacture of D its available inventory can be used along with other component items (E and F for example) to manufacture item H. Item D can be included in a bill of material/kit file for Item H - but it will not trigger appearance of a “nested” bill of material screen or creation of light manufacturing order lines.

Reason for Change: Customers were not able to place order lines that allow them to back order a finished manufactured good item when there is material in stock. Now customers can manufacture finished goods and put them in stock for future customer orders and show these as scheduled while they are on an order to be manufactured.

Set-up

System Wide Setting - Light Manufacturing Options

The following settings were added:

- **Allow Manufacture Only Option in Navigator OM** - Causes the “MFG ONLY” button to appear on the Bill of Material window in order entry/change to manufacture only.

- **Component Item Adjustment Code** - Enables the user to enter an adjustment code that will be used by LMF 5 - Light Manufacturing Adjustments for component goods. The default is the current hard coded code of R - Manufactured and in-house.
- **Manufacture Only Branches** - Identifies branches to be used for manufacturing only.

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UPDATE                               System Wide Settings Maintenance

Light Manufacturing Options

Activate Light Manufacturing System..... (Y/N)  Y

Generate Unique Serial Numbers ..... (Y/N)  Y
- Unique S/N : Prefix : LM      Suffix :

Allow Cost Adjustment for Authorized Users ..... (Y/N)  Y

Allow Manufacture Only Option in Navigator OM ..... (Y/N)  Y

Component Item Adjustment Code ..... R

Manufacture Only Branches ABC  RAL  _ _ _  _ _ _

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System Wide Setting - Options for Reorder Reports

The setting **Include Inventory Adjustments to Component Items for Finished Goods in Usage Calculation** was added. The new parameter enables the user to include the component items in usage calculations for reorder reports versions 7 and 8.

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CHANGE                               System Wide Settings Maintenance          SYS079FM

Options for Reorder Reports

X (X) Omit Sales from Reorder Reports if GP% on invoice is less than: 4.00 %
X (X) Omit Sales from Reorder Reports if GP% on invoice is less than: 20.00 %,
and if Serial# has Status Codes: (?)
Z _ _ _ _ _ _ _ _ _

Activate the Supplier Reorder Parameters File? Y (Y/N)
Note: Supplier Reorder Parameters override Product Line and
Product Line by Whse Parameters.

X (X) Omit Special Order Lots (Lot#s S000-S999) from Reorder Reports.

Y Use Activity Calculation in PUR 20 and Reorder Reports from End of Month
Activity (Y/N)

Y Include Inventory Adjustments to Component Items for Finished Goods in
Usage Calculation.

Enter      F7=E0J      F8=Previous Screen

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Item File

Manufactured goods have a policy code of S2.

Update Record

Manufacturer: SAI Color: 1090 Pattern: 0

* Item#: SAI 1090 0

Description 1: GENOVA 5" FLORENCE

Description 2: 1/2"X34.45SFURL HICKORY

General Pricing Packaging IWMS

Usual Supplier: SAI

Price Class: SAI002

Cost Class: SAI002

Packaging Class: SAI001

* Product Line: TAS

Item Class 1: WT

Item Class 2: GL

Item Class 3: IM

Trim Class: MG

Wear Code: 1

ABC Rating: A

Commodity Level: 1

Days Before Old: 180

Remnant Size: 16

Cost Center: CER

Freight Class: CT

Suppliers' Item#: L654408C

Inventory Code: Y

Inventory Cross Reference#:

Component: S

ISO Table: 0

Pattern Name: 6"

Color Name: ALMOND

Discontinue Date:

Replenishment Path:

Policies: S2 NB

Sequence# for Catalogs: 013000

Freight Key: W

Deliver/Mfgr Lead Days:

Item Width: 18

Update

Ordering LMF Items in Navigator

1. Access Order Entry and begin an order for a LMF item.
2. The Bill of Material / Kit Item window appears. This window shows the items that comprise the top level item; which is the first number in the listing.

Bill of Material / Kit Item

Reference#: 2047819 Account#: 201000 HARBOR FLOOR

Item	Quantity	UM	Price Override	Rstr Code	Rcv	Credit Code	Available Inventory	Comment
▶ SMILMFG SMITH MAGIC TILE 24X24 BLUE	10.00	PC		B			12 PC	Light Mfg.
▶ SAI10900 GENOVA 5" FLORENCE	77.500	SF					10 SF	NO BROKEN CARTONS
▶ AOTD10 AA SATINGLO GARDENIA 2X2	10.000	SF					10 SF	2X2 SATINGLO_FROSTPROOF
▶								

Add Items Manufacture Only

3. Enter quantities for the kit items and click the **Manufacture Only** button at the bottom of the window.

- The Inventory Selection Optimizer (ISO) window confirms your inventory selections. Notice that the top level item SMILMFG was placed in a back order status (a **B** in the **Rstr Code** column), but the kit items were not. This allows the kit items to be manufactured.

Add Multiple Lines: Inventory Selection Optimizer ✖

Reference#: 2047819 Account#: 201000 HARBOR FLOOR

ISO Selected Inventory [Show/Hide Descriptions](#)

Ware	Item	Lot	Serial	Shade	Location	Quantity	UM	Price	Rstr Code	Comments
RAL	SMILMFG					10.00	PC	.990	B	B/O 02/22/22
RAL	SAI10900		AAAAAA	MP		80.00	SF	.000		
RAL	AOTD10 AA		456		BULK	30.00	SF	.000		

- Click **Add Selected Inventory** to add the items to the order.

Order Manager GBRANNEN Reports ODS Help

Customer Order Reference#: 2047819

Account#: 201000 HARBOR FLOOR 2010 ATLANTIC AVENUE PO BOX 123 RALEIGH, NC 27513 US	Ship To: HARBOR CONSOLIDATORS 15 WEST MILL ROAD ATLANTA, GA 40205 (918) 242-3253	Order Date: 05/02/17	Entry Date: 05/02/17
	PO#:	Job Name:	Salesperson 1:
	Ship Date: 05/03/17	Ship Via: OT	Salesperson 2:
	Initials: GB		Branch: RAL
			Warehouse: RAL
			Supplier: 001

Add Line: Item#: Quantity: UM:

Line	Item#	Quantity	Unit Price	Extended Price	Ware	Status	Serial#	Location	Shade	Weight	Quant
10	SMILMFG SMITH MAGIC TILE 24X24 BLUE	10.00 PC 0.93 CT	\$ 990	\$ 9,90	RAL	BACKORDER 1st Line O1 Kit				00 LB	
11	C* Your Price + \$5.00/PC. You Save \$4.01/PC										
20	SAI10900 GENOVA 5" FLORENCE 1/2"X3/4 45SPXRL HICKORY	80.00 SF 8.00 CT	\$ 000	\$ 0,00	RAL	Manufacturing Component	AAAAAA		MP	320.00 LB	
21	C* Your Price + \$4.29/SF. You Save \$4.29/SF										
30	AOTD10 AA SATNGLO GARDENIA 2X2	30.00 SF 1.00 CT	\$ 000	\$ 0,00	RAL	Manufacturing Component	456	BULK / BULK		75.00 LB	

Messages *ORDERS ONLY APPROVED BY JACK RICK CAN ORDER TOO!	Item Total: \$ 9.90	Total Weight: 395.00 LB
	Terms Discount: \$.00	
	Freight: \$.00	
	Taxes: \$.99	Payments: \$.00
	Order Total: \$ 10.89	Balance Due: \$ 10.89

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- On the Green Screen, access menu option LMF 5 - Light Manufacturing Adjustments. We are going to use this option to add the finished LMF item into inventory.

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LIGHT MANUFACTURING ADJUSTMENTS

Enter Warehouse: RAL

Enter Order Number: 417532

Enter Item Number (?): _____

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- Enter the order number and press **Enter**. On the next screen, enter the quantity manufactured for the finished good.

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                                LIGHT MANUFACTURING ADJUSTMENTS

Order Number: 417532   HARBOR FLOOR                               RALEIGH

Opt Line Item          Total Qty  Qty-Left To-Mfgr  UM  Qty-To Mfgr  Serial#  Loc
-----
Finished Goods:
C* Your Price =
Components:
SAI10900              80.00   80.00 SF
C* Your Price =
Components:
AOTD10 AA             30.00   30.00 SF

Finished Goods:
_ 0010 SMILMFG        10.00   10.00 PC  10.00 LM00000015

Options ==> P=Print Shipping Label
F2=Alt View  F4=Cancel  F7=E0J  F8=1st Screen  F12=Shpg.
                                Bottom

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- When this adjustment is made:

- the component items are adjusted out of stock and the finished good is entered into stock.

Order Manager GBRANNEN Reports ODS Help

Customer Order Reference#: 2047819 Order#: 417532 Available Options

Account#: 201000 HARBOR FLOOR 2010 ATLANTIC AVENUE PO BOX 123 RALEIGH, NC 27513 US	Ship To: HARBOR CONSOLIDATORS 15 WEST MILL ROAD ATLANTA, GA 40205 (918) 242-3253	Order Date: 05/02/17 PO#: WGD123 Job Name: Ship Date: 05/03/17 Ship Via: OT Initials: GB
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Entry Date: 05/02/17 Salesperson 1: Salesperson 2: Branch: RAL Warehouse: RAL Supplier: 001
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Line	Item#	Quantity	Unit Price	Extended Price	Ware	Status	Serial#	Location	Shade	Weight	Quantity Received	Qu in Pre
10	SMILMFG SMITH MAGIC TILE 24X24 BLUE	10.00 PC 0.83 CT	\$990	\$9.90	RAL	R - B/O RECEIVED 1st Line Of Kit	LM00000015			00 LB	0.00	
11	C* Your Price = \$5.00/PC. You Save \$4.01/PC											
20	SAH0900 GENOVA 5" FLORENCE 1/2"X3/4 45SF/RL HICKORY	80.00 SF 8.00 CT	\$000	\$0.00	RAL	CLOSED Manufacturing Component	AAAAAA		MP	320.00 LB	0.00	
21	C* Your Price = \$4.29/SF. You Save \$4.29/SF											
30	AOTD19 AA SATNGLO GARDENIA 2X2	30.00 SF 1.00 CT	\$000	\$0.00	RAL	CLOSED Manufacturing Component	456	BULK / BULK		75.00 LB	0.00	

Messages *ORDERS ONLY APPROVED BY JACK RICK CAN ORDER TOO! THIS ORDER WAS PRINTED 1 TIME(S) AS A PICK LIST.	Item Total: \$ 9.90 Terms Discount: \$.00 Freight: \$.00 Taxes: \$.99 Order Total: \$ 10.89	GP\$ -42.10 GP% 395.00 LB -425.25 Total Weight: 395.00 LB Payments: \$.00 Balance Due: \$ 10.89
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Navigator Inventory Reorder Report

When either version 7 (Suggested Reorder Quantities based on Activity) or version 8 (Generate Automatic Purchase Orders based on 7) of the Navigator reorder report is run, the system checks the option **Include Inventory Adjustments to Component Items for Finished Goods in Usage Calculation** in the System Wide Setting - Options for Reorder Reports to see if the component items should be included in the usage calculation.

Inventory reorder reports are accessed under the Purchasing Category of reports.

The Report Versions are entered on the second window of report parameters.

Reports

GBRANNEN ODS Help

Home > Inventory Reorder Reports

Inventory Reorder Reports

Set the report parameters

Select Sort: 1

List ONLY Items that need to be reordered? Yes No

Totals: Only show totals per Item. by Sub-total by Lot# & Warehouse per Item.

Display Statistics and Usage: Weekly Monthly

List Serial Numbers: N

Trim: 3

Omit Remnants From Availability Calculations: Yes No

Report Versions: Choose up to 5. 7, 8

Select reorder point: N (applies to versions 1,2,3,5,6,7, & 8)

List individual P.O.s & quantities under total scheduled quantity? Yes No (applies to versions 1,2,5, & 7)

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