

PROCESS DOCUMENTATION AND TRAINING

ARC#6695 – INVENTORY REPORT WITH REFERENCES FOR WIP AUDIT

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Business Case:

HEARTLAND FABRICATION has an issue with visibility related to specific "barge" identification when it comes to inventory and subcomponents. When they look at an inventory report now, they see a quantity of 4, but all 4 of those belong to different barges and are part of their WIP valuation for audits. What they need to be able to see is all parts related to the same barge to see the total value of that project in inventory. They are currently putting the barge number as the LOT number in the item_master. This will be a custom version of an inventory status dashboard that uses the ITEM_MASTER as the key data grouped together by lot# and pulls in inventor_mstr data for descriptions, product lines, etc...

Solution:

We add a Child Gridview to support the main Inventory Extended Status Dashboard ARC#6431. The purpose is to tell which barges (JOB) are in Inventory at a point of time - the cut-off date.

We also keep Dashboard 6431.

In the Child Gridview, the program will look for PARTs that meet these conditions:

- PARTs that have on-hand qty > 0
- PARTs that have inventory transactions happen between the cut-off date and last date on-hand is 0
- PARTs that enter Inventory via transaction J52 and not exit via transaction J55

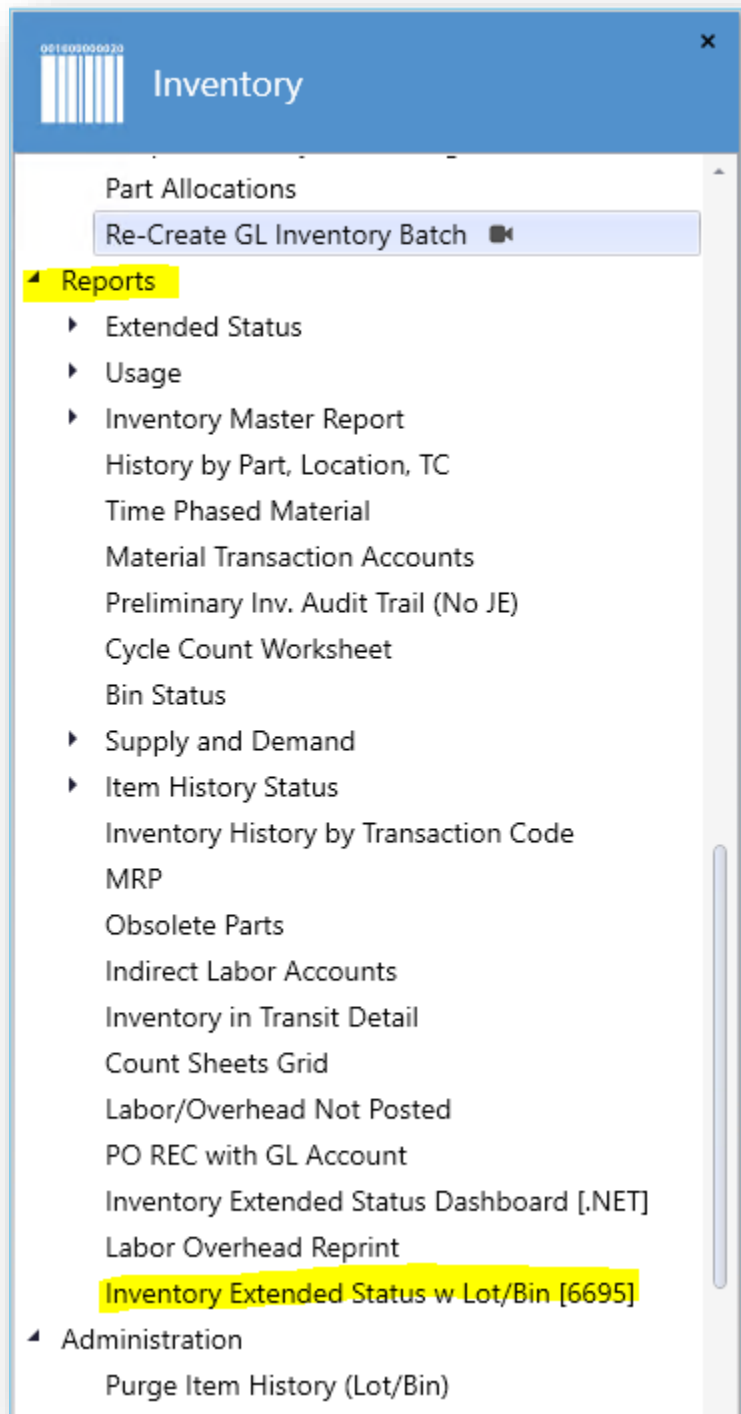
For these records that meet all the conditions, we gather their information for JOB and COST (Trans Cost) into the Child Gridview.

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Inventory History												
2	Date	Trans Code	Reference	Reference 2	User	Old On Hand	Qty Change	New On Hand	Old Cost	Trans Cost	Action Date/Time	New Cost	
3	4/21/2022	J55	BX1730-003		DHUFFINE	1	-1	0	37218.60341	37218.6034	4/21/2022 15:28	37218.60341	
4	4/18/2022	J55	BX1729-003		DHUFFINE	2	-1	1	40347.3759	43476.1484	4/18/2022 5:25	37218.60341	
5	4/11/2022	J55	BX1728-003		DHUFFINE	3	-1	2	43379.58674	49444.0084	4/11/2022 5:31	40347.3759	
6	4/11/2022	J52	BX1730-009		JMECKS	2	1	3	46460.0784	37218.6034	4/11/2022 0:28	43379.58674	
7	3/31/2022	J55	BX1727-003		DHUFFINE	3	-1	2	43993.6698	39060.8526	3/31/2022 7:25	46460.0784	
8	3/31/2022	J55	BX1726-003		DHUFFINE	4	-1	3	43727.20998	42927.8305	3/31/2022 7:22	43993.6698	
9	3/28/2022	J52	BX1729-009		JMECKS	3	1	4	43810.89717	43476.1484	3/28/2022 0:22	43727.20998	
10	3/22/2022	J55	BX1725-003		DHUFFINE	4	-1	3	43952.97598	44379.2124	3/22/2022 6:15	43810.89717	
11	3/16/2022	J52	BX1727-009		JMECKS	2	1	3	43653.52145	39060.8526	3/16/2022 0:09	42122.63183	
12	3/16/2022	J52	BX1728-009		JMECKS	3	1	4	42122.63183	49444.0084	3/16/2022 0:09	43952.97598	
13	3/10/2022	J55	BX1724-003		DHUFFINE	3	-1	2	43575.75177	44379.2124	3/10/2022 6:07	43653.52145	
14	3/7/2022	J55	BX1723-003		403	4	-1	3	45033.67943	49407.4624	3/7/2022 6:12	43575.75177	
15	3/1/2022	J52	BX1726-009		JMECKS	3	1	4	45735.62907	42927.8305	3/1/2022 23:04	45033.67943	
16	3/1/2022	J52	BX1725-009		JMECKS	2	1	3	46413.8374	44379.2124	3/1/2022 23:03	45735.62907	
17	2/21/2022	J52	BX1724-009		JMECKS	1	1	2	49407.4624	43420.2124	2/21/2022 2:04	46413.8374	

1. Dashboard Trigger - New Menu Item:

The new dashboard is assigned as ARC#6695, which installed in user's account as a new Custom Menu Item.

Inventory > Reports > Inventory Extended Status w Lot/Bin [6695]

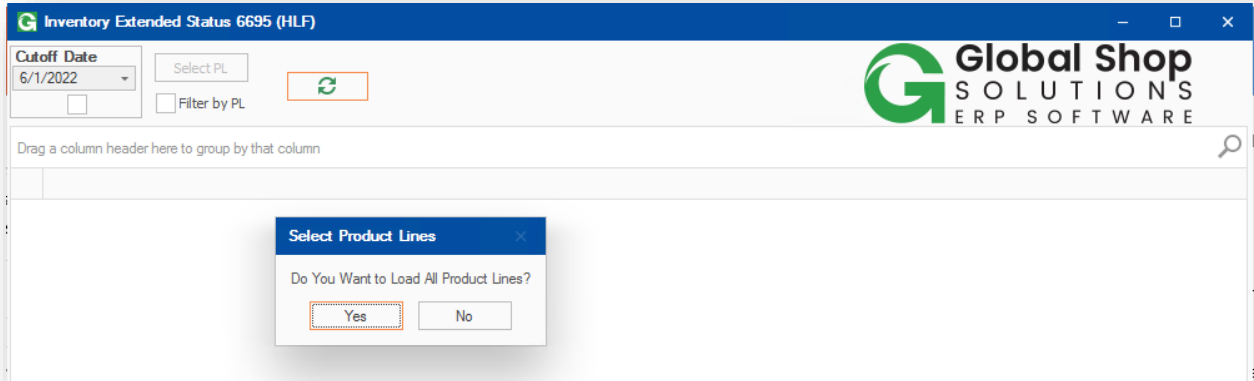


2. Dashboard details:

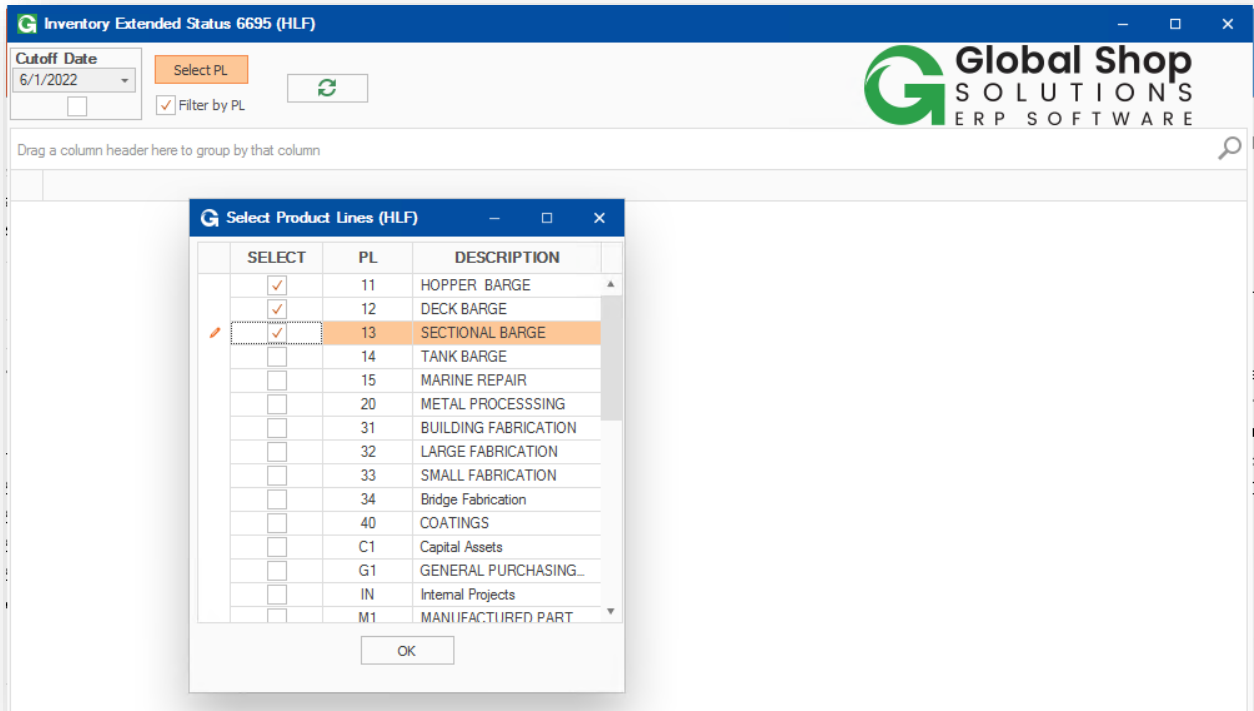
For performance purpose, dashboard will check if users want to load all PARTs from all Product Lines at once.

Click on 'Yes' to proceed.

Click on 'No' to go back and select Product Lines from a list



To select Product Lines, first check on "Filter by PL" box. Then click on "Select PL". A new screen will popup and allow users to choose PL. Multiple PL can be selected at a time.



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After having the list of PL, click on the Refresh button to load.

Inventory Extended Status 6695 (HLF)

Cutoff Date: 6/1/2022

Select PL

Filter by PL

Loading grid...

Part	Loc	Description	Alt Description	Extra Description
→ 038BMD0400WDD		W 18 X 35# ASTM A709-50W CVN		
2018-924		DB-161		
2019-1200 B1		23' - 6-3/16" BEAM		
2019-1200 B11		19' - 2-5/8" BEAM		
2019-1200 B12		4' - 2-3/16" BEAM		
2019-1200 B18		23' - 10-7/8"		
2019-1200 B19		23' - 7-3/8" BEAM		
2019-1200 B21		19' - 2-5/8" BEAM		
2019-1200 B23		19' - 2-5/8" BEAM		
2019-1200 B28		19' - 2-5/8" BEAM		
2019-1200 B30		7' - 10-5/8" BEAM		

Click on the plus sign (+) on the left to expand the Child Gridview.

Inventory Extended Status 6695 (HLF)

Cutoff Date: 6/1/2022

Select PL

Filter by PL

Drag a column header here to group by that column

Part	Description	PL	Source Code	Inv UM	Qty On Hand	Qty On Order	Qty Required	Usag
+ B117A BOTTOMS ASS724	B117A BOTTOM ASSEMBLY	11	MJ	EA	1.00	25.00	26.00	
+ B117A FINAL WELD 724	B117A FINAL WELD PROCESSING	11	MJ	EA	1.00	27.00	28.00	
+ B117A GANTRY	B117A GANTRY MOVES	11	MJ	EA	1.00	25.00	26.00	
+ B117A OSW	B117A OSW PROCESSING	11	MJ	EA	1.00	24.00	25.00	
+ B117A PANEL LINE	B117A PANEL LINE ASSEMBLY	11	MJ	EA	1.00	24.00	25.00	
+ B117A STRUCTURAL 724	B117A STRUCTURAL PROC 201724	11	MJ	EA	1.00	24.00	25.00	
+ DB157 GANTRY	DB157 GANTRY MOVES	12	MJ	EA	1.00	14.00	15.00	
+ DB157 LADDERS	DB157 LADDER ASSEMBLY	12	MJ	EA	1.00	14.00	15.00	
+ DB157 MODULES 723	DB157 MODULE ASSEMBLIES	12	MJ	EA	1.00	0.00	1.00	
+ DB157 PANEL LINE	DB157 KEELS, SHEELS, DECKS	12	MJ	EA	1.00	0.00	1.00	
+ DB157 RT/RF	DB157 RAKE TUB/FRAMES	12	MJ	EA	1.00	14.00	15.00	
+ DB157 SHELL ATO	DB157 SHELL ATO ASSEMBLY	12	MJ	EA	1.00	14.00	15.00	
+ DB157 STERN	DB157 STERN ASSEMBLY	12	MJ	EA	1.00	14.00	15.00	
→ DB157 OSW	DB157 OSW PROCESSING	12	MJ	EA	2.00	13.00	15.00	
Barge		Quantity			Unit Cost			
→ DB0062					1.0000		\$1,906.0000	
DB061					1.0000		\$1,921.0000	
+ 038BMD0400WDD	W 18 X 35# ASTM A709-50W CVN	11	PS	EA	10.00	0.00	7.00	
					25.00	232.00	254.00	

× [Qty On Hand] >= '1.00' And [Qty On Hand] <= '10.00'