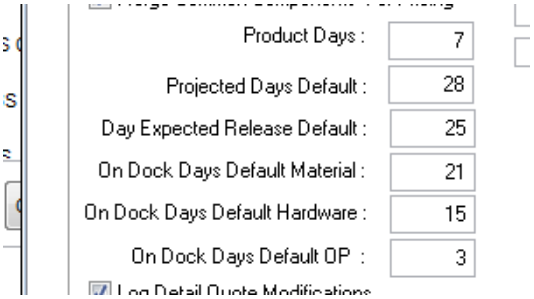
Projected Days Etc

In route design there are a few fields that deal with scheduling, MRP, work orders and purchasing.

- Product Days - The number of days this product takes to produce.
    - This is used in the MRP report to determine the start and due dates of each component of an assembly.
    - This is used in scheduling to determine start and due dates of each component
    - This is used when a work order is released to determine the due dates of each sub component of an assembly.
- Projected Days - The number of days prior to the due date that you want to receive the sales order for the job. This is reference only and not used in any calculations.
- Expected Release Days – The number of days prior to the due date that you want to have the work order released. The main purpose of this number is to get a report of all jobs that need to be released to manufacturing by a certain date. When a job has multiple deliveries that may go into the future many months, the expected release date reporting will flag you when the job should be released in a timely fashion without forgetting.
- On Dock Material – The number of days prior to the due date that the material must be on your company's receiving dock.
- On Dock Hardware – The number of days prior to the due date that the material must be on your company's receiving dock.
- On Dock O/P – The number of days prior to the due date that the O/P processing should be completed.

Setting Up System Parameters

In system parameters you can setup the defaults which will be copied to both routers and quotes. Each router and quote can be modified individually so put the most common values in the system parameters.

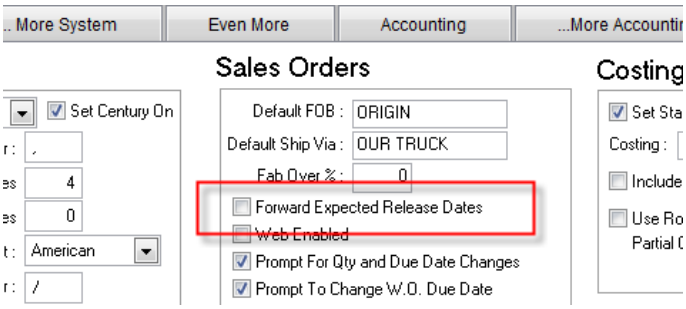


There is also another parameter called 'Forward Expected Release Dates' which is used. This is a special parameter just for the sales order expected release date. If this is checked the system calculates the expected release date as

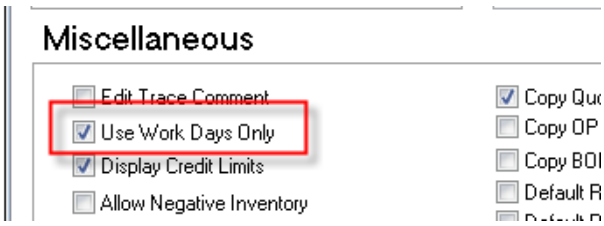
1. DUE Date – Projected Days + Expected Release Days

   versus

2. DUE Date – Expected Release Dates

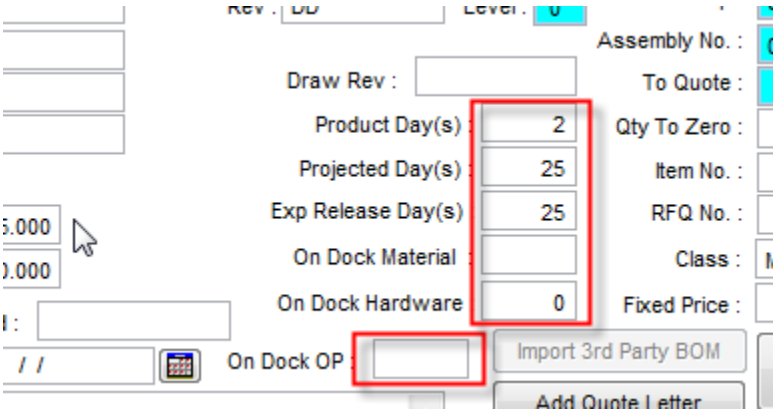


If you only want to count ***work days*** and not weekends you can turn on the following system parameter.



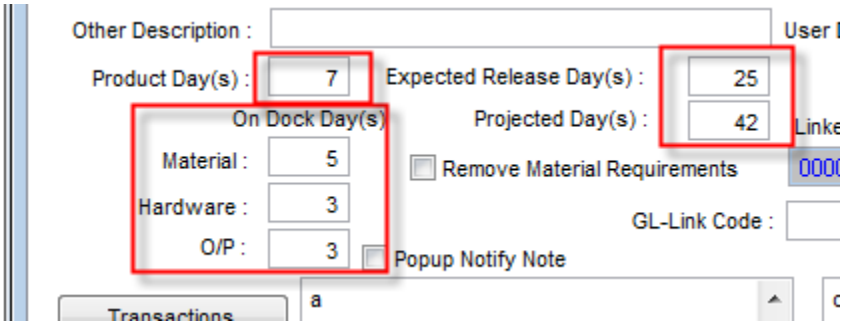
Quoting

The Days and On Dock fields can be setup on each detailed quotation. They are not used on the quoting system except for storing the data which will be used on the routers.



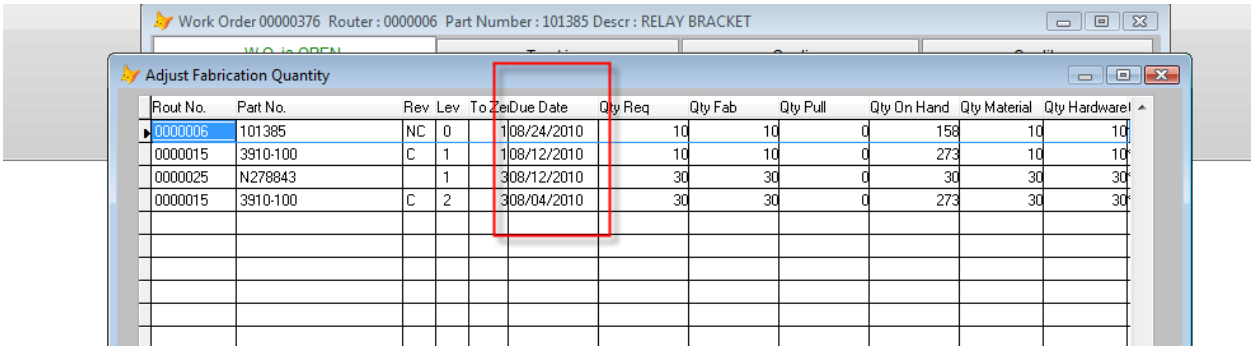
Routers

When a quote is copied to a router the system will copy the Days and On Dock fields to the router. If the router is made without a quote the system will default the values shown to the system parameters



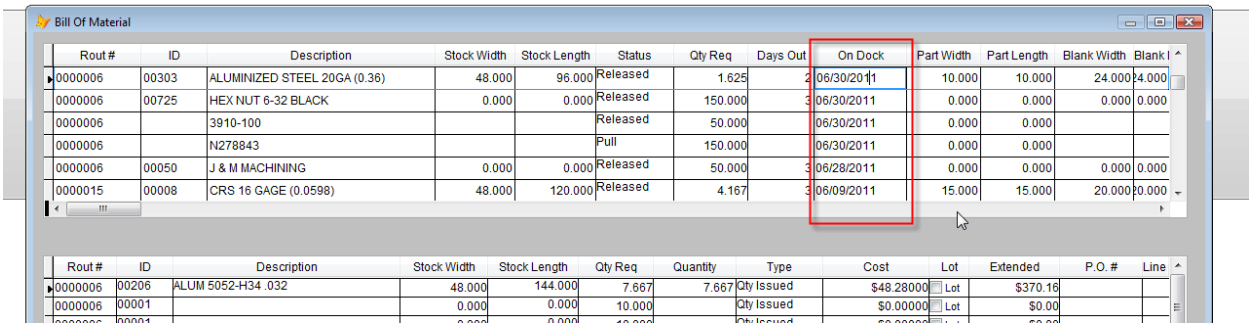
Work Order Release

When an assembly work order is released each component is given a due date. This due date is a target due date to complete a component.



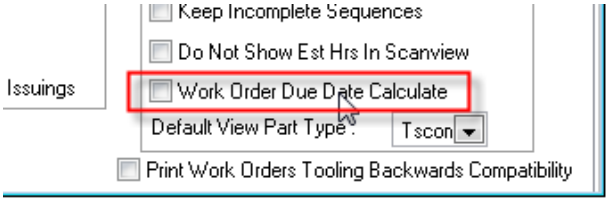
Work Order Bill Of Material On Dock Dates

When a work order is released the on dock dates of the bill of material items are calculated. The system calculates these on dock dates taking the sub component due date and subtracts the number of days based on the bill of material type.



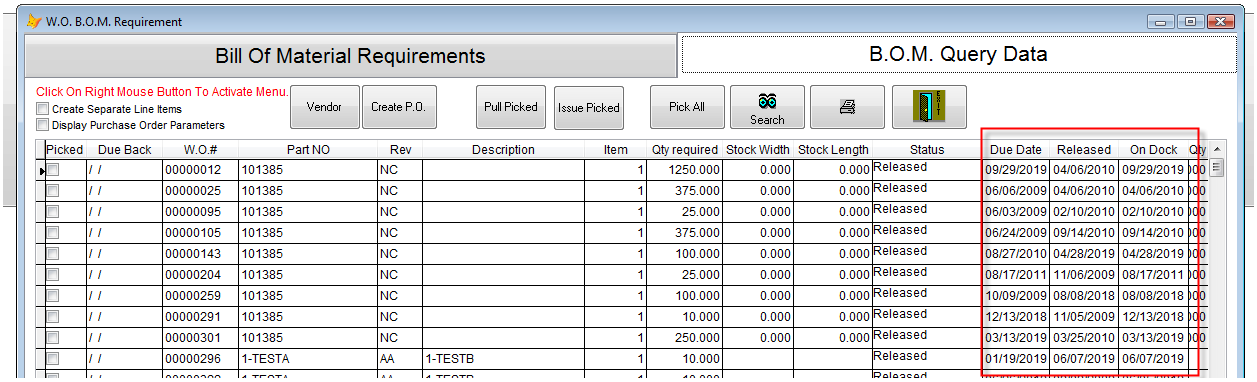
Work Order Due Date Calculate

If the ***work order due date calculate*** system parameter is turned on the system will set the due date of the work order to todays date + product days. This only happens if the work order is created without a job and the system parameter is setup.



Work Order Bill Of Requirements Report (WOBOM Requirements)

Purchasing needs the ability to see requirements in a timely fashion. The WOBOM requirements report gives purchasing a view into this data.



Picked	Due Back	W.O.#	Part NO	Rev	Description	Item	Qty required	Stock Width	Stock Length	Status	Due Date	Released	On Dock	Qty
	/ /	00000012	101385	NC		1	1250.000	0.000	0.000	Released	09/29/2019	04/06/2010	09/29/2019	000
	/ /	00000025	101385	NC		1	375.000	0.000	0.000	Released	06/06/2009	04/06/2010	04/06/2010	000
	/ /	00000095	101385	NC		1	25.000	0.000	0.000	Released	06/03/2009	02/10/2010	02/10/2010	000
	/ /	00000105	101385	NC		1	375.000	0.000	0.000	Released	06/24/2009	09/14/2010	09/14/2010	000
	/ /	00000143	101385	NC		1	100.000	0.000	0.000	Released	08/27/2010	04/28/2019	04/28/2019	000
	/ /	00000204	101385	NC		1	25.000	0.000	0.000	Released	08/17/2011	11/06/2009	08/17/2011	000
	/ /	00000259	101385	NC		1	100.000	0.000	0.000	Released	10/09/2009	08/08/2018	08/08/2018	000
	/ /	00000291	101385	NC		1	10.000	0.000	0.000	Released	12/13/2018	11/05/2009	12/13/2018	000
	/ /	00000301	101385	NC		1	250.000	0.000	0.000	Released	03/13/2019	03/25/2010	03/13/2019	000
	/ /	00000296	1-TESTA	AA	1-TESTB	1	10.000			Released	01/19/2019	06/07/2019	06/07/2019	