



Infor LN User Guide for Customer Furnished Material (CFM)

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About this Guide

This document describes the process to set up and use customer furnished materials for sales orders, purchase orders, and production orders.

References

Use this guide as the primary reference for CFM. Use the current editions of these documents for information that is not covered in this guide:

- *User Guide for Manufacturing*
- *User Guide for Sales Orders*
- *User Guide for Purchase Orders*

How to read this document

This document is assembled from online Help topics.

Text in italics followed by a page number represents a hyperlink to another section in this document.

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Chapter 1: Overview

Customer furnished materials

This topic contains an overview of the functionality for *customer furnished materials*.

A *customer furnished material* is material that is provided by the customer for use on their project. Quantities and deliveries are agreed upon with the customer.

In the Items - Ordering (tcibd2100m000) session, the *order system* must be **PLanned** for the customer furnished material.

Optionally, you can use customer furnished materials in combination with demand pegging or project pegging.

Chapter 2: Setup

Setting up operations with customer furnished materials

This topic describes how to set up your system to support the execution of operations using customer furnished materials.

1 Implemented software components

If you want to support the materials and components from the customer during the manufacturing process, select the Customer Furnished Materials and Ownership External check boxes in the **Implemented Software Components (tccom0500m000)** session.

Once these parameters are selected:

- The Customer Furnished Material and Contains Customer Furnished Material check boxes become available in the **Bill of Material (tibom1110m000)**, which you can use to specify the assembly parts that belong to the customer.
- The Contains Customer Furnished Material check box becomes available in the **Sales Order Lines (tdsls4101m000)** session. Furnishing of customer materials is initiated from a sales order line. For more information, refer to [CFM - Sales](#) on page 8.
- The Combined Ownership Allowed check box becomes available in **Item - Costing (ticpr0107m000)** to allow for the costs to be divided between the owner and the manufacturer.

2 Customer furnished material (CFM) item

One of the following must apply to this item:

- Its *order system* is *Planned* in the **Items - Ordering (tcibd2100m000)** session
- It has a linked *demand peg*
- It has a linked *project peg*

3 Purchase orders

Based on the demand from a sales order, a purchase order of the **Customer Furnished Materials** type must be generated by the *order plan*. To set up CFM purchase orders, refer to [CFM - Procurement](#) on page 8.

Chapter 3: Procedure

Executing operations with customer furnished materials

Production orders executed for customers can include customer furnished materials. You can receive materials owned by the customer for these orders. Those items are stored against a certain value using the current valuation logic.

1 Create sales order with customer furnished material

Create a sales order with the Contains Customer Furnished Material check box selected in the **Sales Order Lines (tdsls4101m000)** session.

2 Plan supply orders

To fulfill the demand, you must run the **Generate Order Planning (cprp1210m000)** session to generate a production order with Contains Customer Furnished Material and a purchase order for that material.

Note: The above orders can't be created manually.

3 Transfer purchase order

To fulfill the demand for the customer owned material, a purchase order of the **Customer Furnished Materials** type is generated by the *order plan*. This purchase order is used to call off the customer furnished materials required by the production order to manufacture the customer item.

4 Receive components from customer

The customer sends you the subassemblies and material.

5 Transfer production order

After receipt, the materials are marked as Customer Owned in inventory. The customer owned materials can be assigned only to a specific item or project, or can be used for all production orders of an owner.

6 Report production order completed

Report the production order as completed in the Report Orders Completed (tisfc0520m000) details session.

7 Close production order

Close the production order in the Close Production Orders (ticst0201m000) session.

Chapter 4: Sales and Procurement

Customer furnished materials in Sales and Procurement

To enable customers or their suppliers to furnish the materials that are required to manufacture a specific customer item, select the Customer Furnished Materials check box in the **Implemented Software Components (tccom0100s000)** session.

CFM - Sales

You can specify the *customer furnished materials* in the **Bill of Material (tibom1110m000)** session. Furnishing of customer materials is initiated from a sales order line, which includes the item that contains customer furnished materials. The sales order line can have a linked demand or project peg for the customer demand.

Note: If a sales order line contains customer furnished materials, the Contains Customer Furnished Material check box is selected in the **Sales Order Lines (tdsls4101m000)** session.

CFM - Procurement

Before customer furnished material (CFM) purchase orders can be generated, you must specify this master data:

- In the **Purchase Order Type (tdpur0694m000)** session, select the **Customer Furnished Materials** check box for the order type and link activities to the order type.
- In the **Purchase Order Parameters (tdpur0100m400)** session, specify the default **Order Series for Customer Furnished Materials** and **Order Type for Customer Furnished Materials** fields to generate CFM orders from Enterprise Planning.

Based on the demand from a sales order, a purchase order of the **Customer Furnished Materials** type is generated by the *order plan*. This purchase order is used to call off the customer furnished materials required by the production order to manufacture the customer item. The purchase order inherits the peg of the demand order, if available.

These conditions apply to the lines of a customer furnished materials purchase order:

- The **Payment** field is set to **No Payment**
- The customer or supplier is specified in the **Buy-from Business Partner** field, because the customer or its supplier furnishes the materials.
- The customer is specified in the **Owner** field, because the customer is the owner of the item.
- The line can contain a specification (demand peg), or a project peg.

Note: CFM purchase orders can also be manually specified.

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