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## Explanation of Location Quantity Change and Quantity Change in 3.21.1 Transactions Detail Inquiry (ictriq.p)



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**goal:** Explanation of Location Quantity Change and Quantity Change in 3.21.1 Transactions Detail Inquiry (ictriq.p)**fact:** MFG/PRO All Versions**fact:** 1.1.1 Inventory Status Code Maintenance**fact:** icstmt.p**fact:** Field Nettable (is\_nettable) = NO**fact:** 1.1.18 Location Maintenance**fact:** iclomt.p**fact:** 3.21.1 Transaction Detail Inquiry**fact:** ictriq.p**fact:** Qty Change**fact:** tr\_qty\_chg**fact:** Loc Qty Change**fact:** tr\_qty\_loc**fact:** update of tr\_qty\_chg**fact:** update of tr\_qty\_loc**fact:** tr\_qty\_chg is displayed in 3.21.1 Transactions Detail Inquiry (ictriq.p)**fact:** tr\_qty\_loc is displayed in 3.21.1 Transactions Detail Inquiry (ictriq.p)**symptom:** Qty Change (tr\_qty\_chg) is zero in 3.21.1 Transactions Detail Inquiry (ictriq.p)**symptom:** Qty Change (tr\_qty\_chg) is not being updated**symptom:** Qty Change (tr\_qty\_chg) does not equal Loc Qty Change (tr\_qty\_loc)

**cause:** the value of **tr\_qty\_chg** is determined in **ictrans.i** as:  
**tr\_qty\_chg** = if {&shiptype} = "" and  
available **pt\_mstr** and available **is\_mstr** and **is\_nettable**  
then {&quantity} else 0

This logic is already in use since MFG/PRO 7.3G.

**fix:** **tr\_qty\_chg** "Quantity Change" - These are transactions affecting the nettable accumulation in the **in\_mstr** table. The field is only updated if inventory is received into or issued out of a **NETTABLE** location. The reason that transactions referencing **NON-NETTABLE** locations have a 0 in the **tr\_qty\_chg** is so that the Inventory Valuation as of Date reports can reconstruct inventory balances for either status of inventory. This field is only updated when an item exists in the part master and the inventory transaction was processed at a nettable location. If the location status is non-nettable, only the **tr\_qty\_loc** will be updated.

**tr\_qty\_loc** "Loc Qty Change" - These are transactions affecting this particular location. The field is always updated if the transaction moves inventory.

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