TULCO OILS	# Inventory Management Reports SOP 222 Revision B, 10/30/2020 Approved by: Don Stanton

PURPOSE:

DEACOM can run various Management reports in each area. The Management pre-filter is used to define the criteria you want. The section below details the steps necessary reports in DEACOM.

PROCESS STEPS:

1. Navigate to Inventory > Inventory Reporting
2. Choose the report
3. Complete the pre-filter as necessary
4. Click View

The list of reports is as follows:

Adjustments - Displays all IJ transactions for the selected date range except mass inventory moves, reconciliation of negative inventory and assembly production. Note that these transactions are not limited to inventory adjustments and the list of actions in the report will show general adjustments, inventory moves, staging, and physical inventory. The notes field from the adjust onhand inventory form is available on this report.

Aged - How long each lot has been in its current status or location.

BOM Explosion Detail- For each lot included in the pre-filter, the report generates an indented explosion for that part's BOM, generating the quantities of all raw parts that go into that lot. The system performs the following checks and calculations when this report is run: For each included lot, see if there's a BOM for that part using that lot's facility, or no facility. If there is a BOM, run an explosion report for that BOM, multiplied by the lot's balance. For all parts in the report, the system will use the existing BOM explosion routine to break down each part to its lowest possible unit. For parts with multiple BOMs, use the default BOM for the facility in which the inventory resides. **Business Case -** This report was added for cases in which companies manage customer owned inventory and wanted to know balances on this inventory regardless of where it is within the manufacturing process.

BOM Explosion Summary- This report will take an Item and break out its bom into the smallest line. Then will show all the inventory for each item for that BOM as onhand. This can be run wide open or for a specific part to see how much inventory they have.

Changes - Starting and ending balances, incoming and outgoing transactions, in both units and dollars, summarized by item number.

Cost Comparison - Costing report that combines item master costing fields with the calculated fields of last cost and average inventory cost.

Eligible Customers - Displays lots that can be shipped to customers. This selection is determined by getting customer part cross references with a QC group and then filtering lots that have QC values where the values meet the mins and maxes on the customer part qc group. Note that the lot label and C of A buttons on this report apply the customer QC rules to the "QCINFO" block which may be added to these reports.

History - Detailed inventory transaction report, from the earliest records to the selected end date, commonly filtered by a specific item number and displaying running onhand quantities. May show more than one record per receiving or shipping transaction, if more than one system lot record was affected. The balance column will be calculated based on the records selected by the pre-filter, and not the entire history of the part

History Summary - Summarized inventory transaction report, from the earliest records to the selected end date, commonly filtered by a specific item number and displaying running onhand quantities. Shows only one record per receiving or shipping transaction, if only one user lot was affected.

Last Cost Rollup - Costing report that combines item master costing fields with the calculated fields of last cost, average inventory cost, and the rolled up BOM cost with all components valued at their last cost.

Locations - Middle level summary, by item number and location, showing total quantity onhand. Item master user fields are also available on this report

Lot Summary - Summary level, by item number, location, and lot number. Drill down to detail information is available.

Lot Summary - **User Lot** - This report is essentially the same as the lot summary, except it is only grouped by part id, facility, and user lot. Useful in situations where lot records have the same user lot but different lot attribute values and users wish to see a summarized report. If users wish to see all the lot records with the same user lot but different lot attributes the lot summary report can be used.

Lot Tracking Explosion - Tracking report for selected lot number, showing all jobs, the lot was created on, all materials created on the job, all lots and materials issued to the job, and all purchase orders and inventory adjustments where the materials used on the jobs came from. The Lot Tracking Explosion report “Opens up” the specified lot and tells the user: “What is in this lot and where did it come from?” Note that when running the report with a type of "Finish", the report will trickle down and show all the lots for all the finishes. **Note:** When looking for parts for the lot tracking explosion report, and a kitted part is on the order, the system will add the kitted part's BOM requirements to the part list returned on the report.

Lot Tracking Explosion - Summarized - This report acts the same as the Lot Tracking Explosion report except the lines are grouped by the user lot. The purpose of this is to more easily view catch weight/serialized items which can blow up the report to many lines.

Lot Tracking Implosion - Tracking report for selected lot number, showing all transactions where lot was used. When filtered for a specific lot, the report will show all purchase orders and inventory moves from QC where the lot was created in DEACOM, all inventory moves, all inventory adjustments, all jobs the lot was issued to, all products made on that job and all customers that the products were shipped to, as well as all current on-hand inventory that contains that lot. In short, the lot tracking implosion report answers the question: “Where was this lot used?” This report is extremely useful in case of a product recall. The results in this report are shown in the following order: Sources, Usage, and Remaining Onhand.

Lot Tracking Used With - shows BOM siblings from a production standpoint. The report implodes from a sub-assembly lot to finished good finishes, then explodes from the finished good lots down one level to see which sibling lots were relieved for the finished good jobs that relieved the sub-assembly lot.

Lots - System and User Lot-level detail, showing the quantity and value of each system lot. Information and quantities are based on the end of day data. It is best to update lot properties and perform transactions, such as moving and adjusting, directly from the Lots report. This report is a snapshot in time so transaction dates are critical when analyzing the data. The Subtotal Report icon can be used on the Lots report to generate a value of inventory by facility report. Note that quarantined inventory lots displayed in this report may be adjusted in/out via the Adjust Onhand button.

Master Lots - Displays a detailed list of all the master lots that are in inventory. The lot count column displays the number of individual lots that are tied to the master lot. The “Print Lot Label” button can be used to print a master lot label (better known as a “license plate”). The “View Detail” button can be used to display the detail of all the individual lots that are tied to the master lot. From the Lot Summary report that is displayed after selecting the “View Detail” button, inventory adjustments can be made to the individual lot quantities that are tied to the master lot.

Onhand - Top level summary, by item number, showing total quantity onhand. Information and quantities are based on the end of day data. Please note: If you allow negative inventory lots, this report may not accurately reflect your costs if your total onhand qty nets to 0 and your lot costs are not the same. For complete detail, run a Lots report.

Ranking - Summary level, ranked highest to lowest based on "rank by" selection from the pre-filter form.

Transaction - Inventory transaction report, available to be filtered by GL posting reference. For jobs, the out column is when items are issued to a job and not when the parts are relieved from a job. For sales, the out column is based on when the parts are reserved to an order and not when shipped. Some transactions are excluded if a transaction reverses previous effect. Use the "Part History" button to see detailed data. Note that detailed data totals may not match the usage report due to the excluded transactions.

Usage - Starting and ending balances, incoming and outgoing transactions, in units, with calculation of days to reorder and inventory turns, by item number. The report is particularly useful for identifying parts that should be inactivated because they have not been used over a period of time. Note that this report will not show adjustments that only adjust an inventory lot's value.

Usage Detail - This report contains a breakdown of inventory transactions by action, with the inventory ins and outs of that actions. Example of the actions in the report include: Receipts (received on purchase orders), shipments (shipped on sales orders), produced (from Jobs), production usage (issued to Jobs) and inventory adjustments.

REVISIONS

Rev	Date	Change
I/R	10/23/17	New
A	3/20/18	Rearrange order.
B	10/30/20	Change to v16 Menu names