

APPENDIX F-170

SUPPLY CONTROL STUDY - LONG SUPPLY

1. PURPOSE

Provides the Item Manager (IM) with recommendation regarding the retention and/or disposal of on-hand assets.

2. ORIGIN

a. Appendix B-108, DIC ZRB, Supply Control Study - Long Supply Request, initiated by the IM.

b. DIC ZRB internally generated from Quarterly Stratification process in chapter 37.

3. FREQUENCY

Daily, upon input of the DIC ZRB Request as described in paragraph 2 above.

4. FORMAT

a. Heading Line - see attached sample on F-170-8.

b. Data Organization:

(1) Sequence:

(a) Major - ORC.

(b) Minor - NSN within ORC.

(2) Number of lines per page and spacing - see attached sample on F-170-8.

(3) Page break is by NSN.

(4) Required Totals - see attached sample on F-170-8.

c. Captions of Data Elements: Header.

(1) Reason for Study Code field will be EX (appendices A-156 and E-313 P).

(2) The balance of the header data is identical to the Standard Supply Control Study, appendix F-167, and should be referred to for a more detailed explanation of the Header Data.

d. Captions of Data Elements: DEPOT ANALYSIS.

| <u>LN</u> | <u>COL</u> | <u>ELEMENT</u> |
|-----------|------------|---|
| 1 | B-0 | DEPOT CODE - A column will be assigned for each Preferred Storage Location designated for stockage of the Head of the Family based on the Storage Location Code regardless of the PRDA value. The code used will be the Routing Identifier Code assigned to that Preferred/Prime Storage Location. Nonrecurring demands, backorders and/or assets will be reflected under Preferred Depots. Detail asset data will appear in the Current On-Hand Stock Status section which reflects the actual locations. The Storage Mission Code in the second header data line determines the storage location as indicated in appendix F-249. If more than 14 locations are used for NSNs within FSC 6145 or FSG 95, the remaining depot data will be printed on a second study. |
| 2 | A-P | CURRENT MONTH. |
| 2 | A | SYSTEM - This total demand entry will be equal to the sum of entries in columns B through O, line 2. |
| 2 | B-O | DEPOT - Each column will reflect Demand Codes, R, M, N, and P total demands charged to the appropriate location during the Current Month. |
| 2 | P | VALUE \$ - The entry in column A of this line times the Standard Price equals the System Current Month dollar value. |
| 3 | A-P | CURRENT QTR - The Current Quarter. |
| 3 | A | SYSTEM - This total demand entry will be equal to the sum of entries in columns B through O, line 3. |
| 3 | B-O | DEPOT - Each column will reflect Demand Codes R, M, N, and P total demands charged to the appropriate location during the Current Quarter. |
| 3 | P | VALUE \$ - The entry in column A of this line times the Standard Price equals the System Current Quarter dollar value. |
| 4 | A-P | 1ST PREV QTR- The First Previous Quarter. |
| 4 | A | SYSTEM - This total demand entry will be equal to the sum of entries in columns B through O, line 4. |
| 4 | B-O | DEPOT - Each column will reflect Demand Codes R, M, N, and P total demands charged to the appropriate location during the 1st Previous Quarter. |
| 4 | P | \$ VALUE - The entry in column A of this line times the Standard Price equals the System 1st Previous Quarter dollar value. |

| <u>LN</u> | <u>COL</u> | <u>ELEMENT</u> |
|-----------|------------|---|
| 5 | A-P | 2ND PREV QTR - The Second Previous Quarter. |
| 5 | A | SYSTEM - This total demand entry will be equal to the sum of entries in columns B through O, line 5. |
| 5 | B-O | DEPOT - Each column will reflect Demand Codes R, M, N, and P total demands charged to the appropriate location during the 2nd Previous Quarter. |
| 5 | P | VALUE \$ - The entry in column A of this line times the Standard Price equals the System 2nd Previous Quarter dollar value. |
| 6 | A-P | RD PREV QTR - The Third Previous Quarter. |
| 6 | A | SYSTEM - This total demand entry will be equal to the sum of entries in columns B through O, line 6. |
| 6 | B-O | DEPOT - Each column will reflect Demand Codes R, M, N, and P total demands charged to the appropriate location during the 3rd Previous Quarter. |
| 6 | P | \$ VALUE - The entry in column A of this line times the Standard Price equals the System 3rd Previous Quarter dollar value. |
| 7 | A-P | 4TH PREV QTR - The Fourth Previous Quarter. |
| 7 | A | SYSTEM - This total demand entry will be equal to the sum of entries in columns B through O, line 7. |
| 7 | B-O | DEPOT - Each column will reflect Demand Codes R, M, N, and P total demands charged to the appropriate location during the 4th Previous Quarter. |
| 7 | P | VALUE \$ - The entry in column A of this line times the Standard Price equals the System 4th Previous Quarter dollar value. |
| 8 | A-P | TOTAL 4 PREV QTR - The Total of the Four Previous Quarters. The entries in columns A-P will be equal to the sum of preceding entries on lines 2 through 7. |
| 9 | A | AERQ - Parenthetical Additional Economic Retention Quantity. This quantity/value will also be reflected in line 15, column A-P. |
| 9 | B-O | PRDA - The Proportion of Recurring Demand Allocable. The PRDA is the proportion of demand allocable to that RIC at this period of time. These PRDA percentages, can be changed by the Item Manager with a DIC ZSE, appendix B-119. All PRDA will equal 100%. A PRDA 000 indicates that location has no demand to compute, but other management data (i.e., assets, B/O, and so forth) are involved. |

| <u>LN</u> | <u>COL</u> | <u>ELEMENT</u> |
|-----------|------------|---|
| 9 | P | VALUE \$ - The entry in column A of this line times the Standard Price. |
| 10 | A-P | OWRMRP - Other War Reserve Materiel Requirements Protectable. |
| 10 | A | SYSTEM - The total unadjusted OWRMRP quantity. |
| 10 | B-O | DEPOT - For each preferred depot the entry is equal to the PRDA on line 9 times the entry in line 10A. Adjustments, if required, are made in preferred depot with largest PRDA. Also, if other than SSPs are designated as preferred, the OWRMRP quantity will be allocated only to non-SSPs on a pro-rata basis. If War Reserve Distribution Factors have been computed for the Head of the Family, multiply each War Reserve Distribution Factor by the System OWRMRP and enter the result in the appropriate depot column. The sum of entries in columns B through O should equal the entry in column A. |
| 10 | P | VALUE \$ - The entry in column A of this line times the Standard Price equals the System OWRMRP dollar value. |
| 11 | A-P | SAFETY LEVEL. |
| 11 | A | SYSTEM - The Unadjusted System Safety Level computation is machine and includes the FILL increment, if applicable. The Item Manager can change this quantity by input of the DIC ZR3, appendix B-189. |
| 11 | B-O | DEPOT - Subtract the FILL increment from the entry on line 11, column A. Downward adjustment cannot be made for SSPs having a FILL quantity if the adjustment will reduce level below FILL quantity. Multiply this difference times the Distribution Factor (PRDA) reflected on line 9, add the FILL increment, if applicable, to the Preferred Storage Location (SSP), round to the nearest integer and enter the result on line 11. The sum of entries in columns B through O should equal the entry in column A. If not, adjust the largest value in column B through O to enable cross-footing. |
| 11 | P | VALUE \$ - The entry in column A of this line times the Standard Price equals the System Safety Level dollar value. |
| 12 | A-P | PTFMR - Peacetime Forces Materiel Requirements. |
| 12 | A | SYSTEM - Total expected issues during the PTSP (Peacetime Support Period) excluding OWRMRP and System Safety Level. PTSP includes ALT as well as PLT following 30 June at end of the Budget Year. |

| <u>LN</u> | <u>COL</u> | <u>ELEMENT</u> |
|-----------|------------|--|
| 12 | B-O | DEPOT - Multiply the PRDA in line 9 by the recurring requirements contained in the entry in line 12 column A adjusting largest value as necessary to enable cross-footing. Add the nonrecurring requirements for the time period representing the PTSP, add the Depot Back Orders to applicable location. |
| 12 | P | VALUE \$ - The entry in column A of this line times the Standard Price. |
| 13 | A-P | BALANCE OWRMR - Balance Other War Reserve Materiel Requirement Protectable. |
| 13 | A | SYSTEM - Balance OWRMR quantity. |
| 13 | B-O | DEPOT - For each preferred depot the entry is equal to the PRDA on line 9 times the entry in line 10A. Adjustments, if required, are made in preferred Depot with largest PRDA. Also, if other than SSPs are designated as preferred, the OWRMR quantity will be allocated only to non-SSPs on a pro-rata basis by use of the War Reserve Distribution Factor. |
| 13 | P | VALUE \$ - The entry in column A of this times the Standard Price. |
| 14 | A-P | CRGF+AFRL+WRRFR - Contingency Requirement General Forces is the only element used. |
| 14 | A | SYSTEM - CRGF authorized for retention. This is in addition to Retention Level and AERQ. |
| 14 | B-O | DEPOT - Multiply the same as line 13, column B-O. |
| 14 | P | VALUE \$ - The entry in column A of this line times the Standard Price. |
| 15 | A-P | RETEN LEVEL+AERQ - The Retention Level + Additional Economic Retention Quantity. |
| 15 | A | SYSTEM - Sum of Retention Level and AERQ. |
| 15 | B-O | DEPOT - Multiply the System line 15A by the PRDA factors in line 9. If adjustment is necessary, alter the largest quantity to enable cross-footing. |
| 15 | P | VALUE \$ - The entry in column A of this line times the Standard Price. |
| 16 | A-P | TOTAL - For each column (A through P) the entry is equal to the sum of all entries in preceding lines 10 through 15. |

e. Lines 17 through 36 of the Supply Control Study - Long Supply reflect by category those assets recommended for retention and those recommended for disposal. Retention is based on the Retention Priority Sequence Table:

(1) Assets Recommended for Retention (lines 17 through 26).

(a) Lines 17 through 20 reflect Serviceable Stock on hand for Condition Codes A, B, E, and C.

(b) Lines 21 through 23 reflect Unserviceable Stock on hand for Condition Codes G, D, and F.

(c) Line 24 reflects partially substitutable items applicable in computations against the Retention Limit.

(d) Line 25 reflects Unapplied Assets (Retention Priority Sequence Number 22A through 22F). RPS number 22E represents Condition Code J materiel at DLA depots.

(e) Line 26 is the total of lines 17 through 25.

(2) Assets Exceed Retention Limit and are Recommended for Disposal (lines 27 through 36). The breakdown of these lines for disposal is the same as for retention. Post System Assets following the Retention Priority Sequence Number in the table to column A of the Supply Control Study - Long Supply. Start on the applicable line and post until the sum of the quantities posted equals the Retention Limit entered on line 16, column A.

(3) Then post the remaining assets, as excess, on lines 27 through 34 as appropriate.

(4) Post Unapplied Assets (Retention Priority Sequence Numbers 22D through 22F) to line 35.

(5) Spread the assets entered in column A by Preferred Location (columns B through O) when all of an asset category is to be either retained or disposed of.

f. When it has been determined that assets within a Retention Priority Sequence is to be partially retained and partially disposed of, the following applies:

(1) First, totally dispose from attrition sites, in order of smallest to largest quantity, regardless of quantity or dollar value; then

(2) Dispose totally from nonpreferred storage locations in order of smallest to largest quantity, regardless of quantity or dollar value; then

(3) Dispose of assets above location retention limits from preferred location in order of ascending PRDA values, providing disposal quantity of Condition A stocks equal or exceeds 1 location QFD/NSO and \$50.00 in value; then

(4) Dispose totally from preferred locations in order of ascending PRDA values, providing total disposal quantity of Condition A stocks equals or exceeds 1 location QFD/NSO and \$50.00 in value.

g. Captions of Data Elements: DETAILED ASSET DATA.

These elements are identical to section IV - Detailed Asset Data of the Standard Supply Control Study, appendix F-167 and should be referred to for a more detailed explanation. However, a due-in quantity will never appear on the F-170 listing.

h. A daily appendix F-282, Supply Control Volume Status, part III, listing the number of F-170s output per Output Routing Code (ORC) appendix A-56 for management review.

5. DISTRIBUTION AND RETENTION

Forward to the Item Manager (ORC) who, after reviewing the disposal recommendations, will retain those F-170 printouts for items that were actually recommended for disposal. However, only those disposal quantities whose value exceeds the DSCs Maximum Automatic Disposal (dollar) Value indicated in the latest Minimum Disposal Value Table 012 listing, appendix F-259, will be retained for one year and then destroyed.

6. PROCEDURES FOR REVIEW AND PROCESSING

The review and processing procedures are explained in appendix E-313 P.

