

APPENDIX F-167

STANDARD SUPPLY CONTROL STUDY (SSCS)

1. PURPOSE

To provide a Standard Supply Control Study (DLA Form 690) for specific NSNs (families) or groups of NSNs within a Specific Procurement Group Code.

2. ORIGIN

a. Prepared as a result of processing the Request for Standard Supply Control Study (SSCS) Card, DIC ZR9, appendix B-179, in accordance with appendix D-254, and chapter 34.

b. Resulting from computations in appendix D-190 and output from appendix D-61, in accordance with chapter 3.

c. Resulting from various other supply management decisions in accordance with appendix A-156, Reason for Study Codes and explained in appendix E-307 P.

3. FREQUENCY

Daily or monthly, dependent upon the supply management decision in accordance with appendix A-156.

4. FORMAT

a. Header Line (Standard Identifications).

b. Data Organization:

(1) Sequence:

(a) Major: ORC.

(b) Minor: NSN within ORC.

(2) Number of lines per page and spacing - See sample formats.

(3) Page break is on NSN.

(4) Required Totals: Refer to appendix F-282, Supply Control Study Volume Statistics.

c. Captions of Data Elements:

(1) Header Data:

(a) LINE NUMBER 1:

1. ORC - Output Routing Code, appendix A-56, DIC ZR3, appendix B-189 (NSN); DIC ZRF, appendix B-232 (FSC).
2. NATIONAL STOCK NUMBER - DIC ZRY, chapter 48.
3. ITEM NAME - DIC ZRY, chapter 48.
4. ITEM NAME CODE - DIC ZRY, chapter 48. The System Entry Date representing the date the NIIN was established in the Federal System in DLSC.
5. U/I - Unit of Issue, DIC ZRY, chapter 48.
6. QUANTITY UNIT PACK - DIC ZRY, chapter 48.
7. PRICE - A machine-printed decimal (e.g., 1.00).
 - a. ACQN COST - Acquisition Unit Cost, DIC ZRY, chapter 48.
 - b. COST - Cost Price, DIC ZR2, appendix B-149. A 00 will be printed if Cost Price is not applicable. Cost Price, when indicated, will be included on all Stocks Replenishment transactions forwarded for Purchase Action.
 - c. An emergency price change will update the SCF immediately and the NIR (appendix F-109) at the end of the month.
8. MCC - Method of Computation Code (appendix A-147), DIC ZR2, appendix B-149.
9. PRICE RED IND - This element is not used.
10. ITEM CAT CODE - Item Category Code 1, 2, B, or P (appendix A-87), DIC ZR3, appendix B-189.
11. DEM VALUE CODE - Demand Value Code H, M, or L (appendix A-85), DIC ZR3, appendix B-189. Demand Value Code L will be reflected for NSO items.
12. VIP CODE - A Y entry will indicate the item is a Very Important Program item, DIC ZR4, appendix B-188. An N entry will indicate a non-VIP item which is forecasted quarterly.
13. SSC - The current Supply Status Code 1-9 or A (appendix A-50), DIC ZRY, chapter 48. (An SSC 6 precludes automatic generation of a buy recommendation in lines 57-62 if the Future SSC is N.)
14. FUT SSC - Future Supply Status Code 1-9 or A (appendix A-50), DIC ZRY, chapter 48. An N indicates no future change.
15. CATALOG CHANGE - Blank if not applicable.
 - a. CODE - Appendix A-94. The Type of Change Codes as a result of: DIC ZRY, chapter 48; DIC ZSL, appendix B-93; DIC ZRR, chapter 8. (The D Type of Change Code precludes purchase computations.)

b. EFF DATE - Effective Date of Catalog Change posted as a result of a Catalog Change Code entry, DIC ZRY, chapter 48.

16. STD STAT CODE - Standardization Status Code (refer to M1-6 FMSC) DIC ZRY, chapter 48.

17. UNIT - A preprinted decimal is provided.

a. CUBE - A 6-spaced expression in cubic feet. Leading zeros to left of decimal are suppressed. There are three decimal places. DIC ZJM, appendix B-142.

b. WEIGHT - A 6-spaced expression in cubic feet. Leading zeros to left of decimal are suppressed. There are two decimal places. DIC ZJM, appendix B-142.

18. USER CODE (A, F, M, N, or 0) - Army, Air Force, Marine, Navy, or Other User Codes. If Service is a registered user, a 1 is indicated, otherwise, a zero is reflected. DIC ZRY, chapter 48.

19. DATE MGT OF ITEM ASSUMED - Date Management of the Item was Assumed, DIC ZRY, chapter 48.

*Asterisk indicates mandatory elements to complete a forecast, refer to appendices A-156 and E-307 P.

(b) LINE NUMBER 2:

1. QUARTERLY FORECAST DEMAND/NUMERIC STOCKAGE OBJECTIVE* - DIC ZSF, appendix B-64 (QFD/System); DIC ZR3, appendix B-189 (NSO). The QFD/System quantity is equal to the QFD/New Quantity whenever the item is established initially as an Age of Item Code N, new. However, after the first forecast, the QFD/System will be changed based on actual demand data. This element reflects the quantity (QFD/NSO) used in the SSCS preparation for items with Age of Item Code E. For replenishment demand item, the entry reflected could have been adjusted based upon the QFD/System adjustment factor contained in Management Policy Table 022.

2. AGE OF ITEM - Age of Item Code; N for New, or E for Established, DIC ZR3, appendix B-189.

3. QUARTERLY FORECAST DEMAND (NEW ITEM)* - Printed only for ICC 1 or P Replenishment Type Items with Age of Item Code N. When a new item is initially established, there will be identical entries in the QFD/System and QFD/New fields, to indicate a New Item without demands. A different quantity in the QFD/NSO field will indicate a forecast has been made based on demand data, or that the QFD/System has been adjusted by the QFD adjustment factor contained in Management Policy Table 022. DIC ZR3, appendix B-189.

4. REG ALPHA FACTOR - Regular Alpha Factor used in the development of the QFD/System quantity for the item. The Factor prints based on data in SCF if greater than zero; otherwise, the Alpha Factor is taken from Management Policy Table 008, appendix F-262. DIC ZSF, appendix B-64 (NSN); DIC ZTA, appendix B-70 (FSC), for both the normal or correcting Alpha. Blank for NSO items.

5. STK AVAIL % - The Safety Level Essentiality Factor will normally be a constant 1 unless changed by the IM (2-9) with a DIC ZR3 appendix B-189. This field will be blank for NSO items.

6. SAFETY LEVEL

a. CODE - Code V, Variable, or F, Fixed. Appendix A-103; DIC ZR3, appendix B-189. Blank for NSO items.

b. FIXED MOS - Fixed Safety Level in Months. Will be left blank except for Replenishment items with Safety Level Code F, DIC ZR3, appendix B-189. A 2-position numeric with a decimal after the first position. The decimal indicates tenths of a month. Management Policy Table 020 (appendix F-34), DIC ZTA, appendix B-70, will govern the fixed S/L Months by FSC whenever items automatically migrate to a Low Value Replenishment Demand status.

7. LEAD TIME DAYS

a. ADMIN* - Administrative Lead Time. For Age of Item Code N, New Item, the ALT will be from New Item Table 020 (appendix F-34), DIC ZTA, appendix B-70 (FSC), DIC ZR3, appendix B-189 (NSN). The chapter 32 automatic ALT procedures could cause a change.

b. PROD* - Production Lead Time. Whenever the internal assigned DIC ZRY does not have a Service assigned PLT for Age of Item Code N, New Item, the PLT will be from New Item Table 020, (appendix F-34), DIC ZTA, appendix B-70 (FSC); DIC ZR3, appendix B-189 (NSN). The chapter 32 automatic PLT procedures could cause a change.

8. PCP MOS* - Procurement Cycle Period in Months (will be blank or an insignificant entry for NSO item), DIC ZR3, appendix B-189. For Age of Item Code N, New Item, this value is established as 3, 6, or 12 months, based upon the Demand Value Code. When the item migrates from Age of Item Code N to Age of Item Code E, the Procurement Cycle Code will change from F, Fixed, to E, Economic Order Quantity (EOQ), and the computer will reestablish the PCP months based on EOQ principles. Restrictions placed on PCP months in appendix B-70, table 018, will appear in sections II and III computations. No restrictions are applied to items with Procurement Cycle Code F.

9. STOR MISS CODE - Storage Mission Code. For Age of Item Code N, New Item, the code will be from New Item Table 020 (appendix F-34). After the initial entry of an Age of Item Code N item, the item's Storage Mission Code will be compared to Table 001. For Age of Item Code E, table 001, appendix F-249 will dictate the locations in line 27, appendix A-159. DIC ZSE, appendix B-119 (NSN); DIC ZTA, appendix B-70 (FSC).

10. REPAIR LEAD TIME DAYS - If there is no entry for a repairable item, the Procurement Lead Time will be used, DIC ZR4, appendix B-188.

11. PROCUREMENT

a. CYCLE

1) MIN MOS - Minimum Procurement Cycle Months. Two spaces, i.e., 9 (suppress leading zero - Print only for items with Procurement Group Code entry), DIC ZTA, appendix B-70, table 011.

2) CODE - Procurement Cycle Code E for EOQ and F for Fixed Procurement Cycle, DIC ZR3, appendix B-189.

b. GROUPING CODE - Procurement Grouping Code (must agree with NSNs in PGC Table 011, appendix F-116), appendix A-116; DIC ZR2, appendix B-149.

12. OPER LEVEL MOS - Operating Level in Months. Left blank for NSO items, DIC ZR3, appendix B-189. Must be equal to or less than PCP months. Updated each forecast period for low and medium value items. This element is currently only considered in shelf-life computations and/or development of recommended delivery schedules for High Value items (Lines 57-63, SSSC).

13. MIX MGT CODE - This is a 2-position field. The first position will be a blank, N or P. The N (Provisioning Code) indicates a nonprovisioning NSN. The P (Provisioning Code) indicates a provisioning NSN. The second position will be alpha or blank. The alpha indicates the Exception Condition Code for Material Returns.

14. NS PROC CODE - Normal Source of Procurement Code, appendix A-48; DIC ZJM, appendix B-142.

15. STD SUP CONT STUDY CODE LVD - Standard Supply Control Study Code Low Value Demand Item. This code is not just restricted to Demand Value Code L items. The code applies to NSO and Demand Value Codes M and H. Y indicates an appendix F-167 will be printed whenever a Purchase/Repair action is recommended. This Code Y will prevent any replenishment or NSO item buy from being automatically forwarded to DP&P. N indicates no manual review of purchase recommendations i.e., appendix F-168 listing), DIC ZR4, appendix B-188. Although the item is coded with N, if the item does not meet the criteria for a Low Value Procurement Listing, appendix F-168, an F-167 study will be generated.

16. TEN DIR CODE - Tentative Due-In Restriction Code. N indicates no restriction to establishment of tentative due-in. Y indicates an appendix F-167 will be generated if the item is in a reorder position. However, no Recommended Buy/Repair Batch Control of Detail Cards will be prepared and no recommendations posted to the Recommended Buy/Repair Suspense Record. The NIR File Due-In Signal Date will contain a zero. DIC ZR4, appendix B-188.

17. SHELF-LIFE MOS - Shelf-Life Code, appendix A-47, and months. Alpha code indicates nonextendable shelf-life. Numeric code indicates extendable shelf-life. Refer to chapters 11 and 34 and appendix E-307 P for special shelf-life computations. First digit is the code, last two digits are the months.

18. ESS ITEM CODE - Essential Item Code 1-5 assigned by the DSC to signify essentiality of items. DIC ZR4, appendix B-188. Blank if not applicable. Initial ESS Code is a nonsignificant 9. Codes 1-5 are used in Management Policy Tables 007 (Variable S/L Computation) and 021 Stratification Summary Printouts).

19. DATE OF LAST:

a. DISPOSAL - Date of Last Disposal, a DIC ARJ, ARK, or ARL, appendix B-14, disposal for Condition Code A materiel for the Head of the Family or Bachelor item, will post that date on which the disposal confirmation is internally processed to the SCF. Date will be blank if not applicable to the stated conditions.

b. BUY - Date of last stock buy, DIC YSZ, Financial Obligation Document. This date represents the actual contract award date automatically forwarded from the Financial Subsystem.

20. SHIPPING CONTAINER QUANTITY - DIC ZR4, appendix B-188.

21. REV CYCLE IND - Review Cycle Indicator indicates the number of times the item has been referred to the users under the Inactive Item Review Program chapter 50. This field may contain a numeric of 0 through 9. A blank indicates no review in progress.

22. INACTIVE ITEM REVIEW - Reflects both the Industrial Plant Equipment (IPE) Designator Code and the Inactive Item Review Status Code.

a. CODE

(1) Left position, IPE Code; I = designated as IPE by DIPEC. N = IPE designation removed/not applicable.

(2) Right position, IIR Status Code from appendix A-84.

b. DATE - Five digit Julian date indicating the next date the item will be subjected to an Inactive Item Review as described in chapter 50. The date is initially established for Age of Item Code N (New) items equal to the greater of the System Entry Date plus seven years or the Date of Management Assumed plus two years.

*Elements marked with an asterisk indicate mandatory elements to complete a forecast, refer to appendices A-156 and E-307 P.

(c) LINE NUMBER 3:

1. REASON FOR STUDY CODES - (Two spaces each.) Appendix A-156 and appendix E-307 P, chapter 34, DIC ZR9, appendix B-179.

2. NSN (COUNT AFM) - National Stock Number Counter (Additional Family Members), DIC ZR2, appendix B-149; DIC ZJS, appendix B-171. Blank if not applicable. Where counts are reflected, the head of the family is included in the count.

3. PCFA CODE - Program Change Factor Applicability Code 1-4 or X if not applicable, DIC ZSC, appendix B-187. Refer to Management Policy Table PCFAC, appendix B-70.

4. REORDER POINT/REVIEW LEVEL - Consists of sum of lines 14H, 16H, 17H, and 18H of this study (appendix D-172 and chapter 32).

5. UMMIPS CONTROL LEVEL - Uniform Materiel Movement and Issue Priority System, DIC ZJM, appendix B-142 (appendix D-173). Always zeros for NSO items.

6. OUT TRACK IND - Out-of-Track Indicator, chapter 54. Whenever the forecast is out-of-track in the same direction for the second successive time period, a + or - will be entered with Reason for Study Code OT, appendix E-307 P.

7. NO. PER CORR APPL - Number of Periods Correction to be Applied is a constant 2 for all items. DIC ZSF, appendix B-64, should be initiated to revise data elements which influence the out-of-track condition.

8. TRACK SIG COR COUNT - Tracking Signal Correction Counter will be 0, 1, or 2 for replenishment items, and blank for NSO items, chapter 54.

NOTE: See Tracking Signal Conditions below:

<u>TRACKING SIGNAL</u> <u>CORRECTION COUNTER</u>	<u>OUT-OF-TRACK</u> <u>INDICATOR</u>	<u>CONDITION</u>
0	Blank	In track, everything okay, regular alpha used in forecast <u>OR</u> item out-of-track twice in same direction while using correcting alpha and OT SSCS generated, regular alpha used in forecast.
0	+ or -	Out-of-track first time in direction of sign, no corrective action taken, regular alpha used in forecast.
1	Blank	Out-of-track twice in same direction, correcting alpha used first time, item in track now.
2	Blank	Item has been out-of-track twice. Correcting alpha used second time, item in track now.
2	+ or -	Out-of-track, correcting alpha used twice, not necessarily same direction.

9. WEAPON SYSTEM INDICATOR CODE - Weapons System Indicator Codes, appendix A-44, part II and chapter 51. WSICs are F, G, H, J, K, M, N, P, R or S indicating WS application or not, and the degree of essentiality, (appendix A-38) to a system and level of intensified management required.

10. WAR RES CODES - War Reserve Code.

a. DFR - Distribution Factor Review Code. Field not in use.

b. PRI - Personnel Related Item Code. A Y entry indicates this NSN is an item related to Personnel. A zero entry indicates item is not Personnel related. Code not used at this time.

11. ANRDP % - Applicable Nonrecurring Demand Percentage. Four spaces (Printed only for Replenishment Demand Value Code H items). DIC ZSF, appendix B-64.

12. POST D-DAY PRODUCTION:

a. CODE - Planning Code Y, N, or blank, DIC ZR5, appendix B-199.

b. MOS - Lead Time in Months or blank, DIC ZR5, appendix B-199.

13. QUARTERLY RETURN FORECAST QTY - Quarterly Returns Forecast Quantity. (Blank for NSO items), DIC ZSF, appendix B-64, chapter 57. Under specific criteria is used in the development of Recommended Purchases.

14. MINIMUM PROCUREMENT QTY - Minimum Procurement Quantity, DIC ZR4, appendix B-188.

15. MEAN ABSOLUTE DEVIATION - 10 spaces. Suppress leading zeros, i.e., 32493.3 (Blank if NSO Item), appendix D-185.

16. DEMAND CUTOFF DATE - Four digit Julian date indicating the day through which demands were used in forecasting procedures as depicted in appendix D-220.

17. INTERMED PACK QTY - Intermediate Pack Quantity, DIC ZR4, appendix B-188.

18. MINIMUM CARLOAD QTY - Minimum Carload Quantity, DIC ZR4, appendix B-188.

(d) LINE NUMBER 4:

1. PECULIAR MANAGEMENT CODES - Assigned by the DSC to indicate Small Business, Section 8A, items, and to reflect item characteristic peculiar to the needs of individual NSNs and/or Special Stratification, appendix F-161, significance. Appendix A-154; DIC ZR2, appendix B-149.

2. DATE LAST DEMAND - Four digit Julian date indicating the last date a demand was received in the Demand/Return Trailer of the SCF.

3. INHIBIT CODES - Will be P, T or C (appendix A-114).

a. QFD - Quarterly Forecast Demand, DIC ZR2, appendix B-149. An insignificant entry for NSO items.

b. ALT - Administrative Lead Time, DIC ZR2, appendix B-149.

c. PLT - Production Lead Time, DIC ZR2, appendix B-149.

d. RF - Returns Forecast, DIC ZR2, appendix B-149. An insignificant entry for NSO items.

e. SL - Safety Level, DIC ZR2, appendix B-149. An insignificant entry for NSO items.

f. ANRDP - Applicable Nonrecurring Demand Percentage, DIC ZSF, appendix B-64. (Used with High Value Demand items only.) An insignificant entry for NSO and Medium and Low Value items.

g. SSC - Supply Status Code Indicator. An indicator to show when and if the SSC had changed.

- 1 = A change in previous quarter.
- 2 = A change in 2nd previous quarter.
- 3 = A change in 3rd previous quarter.
- 4 = A change in 4th previous quarter.
- Blank = No change.

h. CM/A - Commercial Availability Code. An indicator to show when an item is commercially available and when computation of war reserve data is suspended. A Y (yes) or an N (no) will be displayed.

4. MERGER FAMILY NO. NIIN - Merger Family Number National Item Identification Number, DIC ZR2, appendix B-149. (An entry is required to generate a Reason for Study Code MR.)

5. MGR REV CODE - Manager Review Code, appendix A-70; DIC ZJM, appendix B-142.

6. DATE LAST STUDY - Four digit Julian date last Supply Control Study printed out, i.e., 7190 (machine updated whenever a Reason for Study Code IB or RP is generated for a SSCS or a Low Value Procurement Listing, appendix F-168, is printed) DIC ZR9, appendix B-179 (manual or machine generated).

7. FLEET ISSUE LOAD LIST - DIC CL_, appendix B-44; DIC ZRL, appendix B-184; DIC ZRU, appendix B-62.

a. OAKLAND - FILL Quantity at NSC Oakland.

b. NORFOLK - FILL Quantity at NSC Norfolk.

8. STUDY NUMBER - Five position Julian date with a six position serial number of printout of this Supply Control Study (machine generated).

9. REMARKS - Six possible data elements may appear in this field. They are, in order of appearance from left to right, as follows:

a. TYPE OF LOGISTIC REASSIGNMENT (LR) CODE - A Type LR Code (see appendix A-35) will appear in the extreme left position when management of the NSN was assumed via the logistic reassignment processes. The Type LR Code is extracted from the NIR and is not a permanent data element of the SCF.

b. SYSTEM SINGLE SMOOTHED VALUE - The System Single Smoothed Value used in the last forecast for replenishment demand items. It represents a monthly value for a VIP Code Y or M item, and a quarterly value for a VIP Code N item, appendix D-182, chapter 53.

c. SYSTEM DOUBLE SMOOTHED VALUE - The System Double Smoothed Value used in the last forecast for replenishment demand items. It represents a monthly value for a VIP Code Y or M item, and a quarterly value for a VIP Code N item, appendix D-182, chapter 53.

d. PROVISIONING SUPPORT DATE - The four position date indicating the system support date, or the date that repair parts are required to support end item usage, if the item entered the system via the Provisioning process as shown by the Code P in the first position of the Mixed Management Code Field.

e. DLA SPECIAL PROJECT DATA - A nine position field used to display data elements necessary to support DLA-directed projects, DIC ZR4, appendix B-188.

f. ORC - The ORC of record for the item.

(2) SECTION I - HISTORICAL DATA

(a) This section reflects:

1. Recurring and Nonrecurring Demand by time period and activity. A more detailed item demand data output can be obtained from appendix F-191, Action Code MA.

2. Return History by activity.

3. P Coded demand by time period.

4. M Coded demand by time period.

5. Demand Frequency by time period.

(b) Recurring and Nonrecurring Demands will be recorded IAW the following table:

<u>ACTIVITY</u>	<u>SERVICE</u>	<u>CODE DEMAND</u>
<u>LINE</u> <u>NAME</u>	<u>CONVERSION CODE</u>	
	(Appendix A-130)	(Appendix A-6) REC NREC
1 Army	A0, A3, B0	A, R, I B, N
2 Navy	N0, N3, Q0	A, R, I B, N
3 Air Force	F0, F3, D0	A, R, I B, N
4 Marines	M0, M3, O0	A, R, I B, N
5,6,7 Service	Applicable Service Conversion Codes IAW appendix F-261, table 018.	A, R, I B, N

ACTIVITY		SERVICE	
<u>LINE</u>	<u>NAME</u>	<u>CONVERSION CODE</u>	<u>CODE DEMAND</u>
8	Other	Activities other than the constants in Lines 1-4, 9, and 10.	A, R, I B, N
9	MAP	C0, E0, P0, T0	A, R, I B, N
10	P Coded columns C, E, G, I, K, M, and O.	Any	P
10	M Coded columns B, D, F, H, J, L, and N.	Any M	
11	Total	Total of all lines.	

(c) Recurring Demand data reflected on lines 1 through 9, and line 11, columns B, D, F, H, J, L, and N will consist of Demand History Record.

(d) Nonrecurring Demand data reflected on lines 1 through 9, and line 11, columns C, E, G, I, K, M, and O will consist of Demand Code N demands as recorded in the Demand History Record.

(e) Demand data reflected on line 10, columns C, E, G, I, K, M, and O will consist of Demand Code P demands as recorded in the Demand History Record.

(f) Demand data reflected on line 10, columns B, D, F, H, J, L, and N will consist of Demand Code M demands as recorded in the Demand History Record. This data will be totaled along with the P coded demand in the TOTAL Line 11, columns C, E, G, I, K, M, and O under Nonrecurring demand.

(g) Current Month (Columns B and C) will reflect demands from the first day of the current month to the date of study preparation.

(h) Current Quarter (Columns D and E) will reflect demands from the first day of the current quarter through the end of the month previous to the study preparation. (Only demand data covering an entire month will be reflected.)

(i) First Previous Quarter (Columns F and G) will reflect demands for the first quarter preceding the current quarter.

(j) Second Previous Quarter (Columns H and I) will reflect demands for the second quarter preceding the current quarter.

(k) Third Previous Quarter (columns J and K) will reflect demands or the third quarter preceding the current quarter.

(l) Fourth Previous Quarter (columns L and M) will reflect demands for the fourth quarter preceding the current quarter.

(m) Total - 4 Previous Quarters (columns N and O) will reflect demands for the four quarters preceding the current quarter. The entry in column N will be equal to the sum of entries in columns F, H, J, and L. The entry in column O will be equal to the sum of entries in columns G, I, K, and M.

(n) Returns - Previous 4 Quarters (column P) will reflect recorded Condition Codes A through G returns for the four quarters preceding the current quarter.

(o) Total (line 11, columns B, D, F, H, J, L, and N) will reflect the sum of entries on lines 1 through 9. The totals on line 11, columns C, E, G, I, K, M, and O will reflect the sum of entries on lines 1 through 10 plus the entry in the preceding column of line 10.

(p) Frequency (line 12) will reflect in columns B through O the number of demands recorded for the time period indicated. The FREQUENCY for M coded demands appearing in line 10, columns B, D, F, H, J, L, and N will appear in the Nonrecurring FREQUENCY line 12, columns C, E, G, I, K, M, and O. Column P will reflect the number of return actions recorded for the four quarters preceding the current quarter.

(3) SYSTEM ANALYSIS - SECTION II (Replenishment Items).

(a) This section of the Standard Supply Control Study reflects all of the data elements (system totals) essential to effective item management on a system basis.

(b) The procedures for deriving each of the entries in this section are described in detail in appendix D-123, chapter 35. For this reason, only brief descriptive remarks have been included in this chapter for purposes of explanation. (A sample supply matrix is provided in appendix D-123 for system analysis explanation.)

(c) The following information identifies each entry made in section II by line and column identification.

(d) Because of Leap Year (1972, 1976, etc.) a one day variance might appear in lines 17, 18 and 19, column B, when these dates are compared to the ALT/PLT days and PCP months in the header Data Line. Accept the variance.

(e) Restrictions placed on PCP months (EOQ) in appendix B-70, Management Policy Table 18 will be used to process internal DIC ZRP provisioning requirement transactions for established replenishment demand items.

1. Requirements and assets (columns A through L).

<u>LINE</u>	<u>COL</u>	<u>DATA</u> <u>ELEMENTS</u>	<u>REMARKS</u>
13	I	Assets - Unserviceable SOH (UNSCHEDULED)	Asset Group 10. Memo entry identifying unserviceable assets not scheduled for repair.
	J	Assets - Tentative Due-In	Asset Groups 30B, 31B, and 31C. Memo entry to identify approved recommended buys, DIC DRS, for direct deliveries; approved recommended buys, DIC SRS; and recommended buys awaiting approval by the Item Manager, DIC ZHS, for depot delivery.
13	K	Assets - (Return and transfers Due-In)	Asset Group 22. Memo entry to identify returns and transfers recorded as due-in. Excludes asset Group 11 Logistics Reassignment (LR) transfers with Type Due-In Codes TD/TP which are applied to AGs 28 and 31 for any computational purposes.
	I-K	Asset Application	Asset Groups 10 and 22 are applied at the end of procurement cycle in reverse order, i.e., to procurement cycle first; Production Lead Time 2nd; Administrative Lead Time 3rd, and so forth, until assets are exhausted. Asset Group 22 is applied first, then Asset Group 10. Under certain conditions a portion of Quarterly Forecasts of Returns will be considered as potential assets and included in mechanical development of Recommended Procurement Actions. Refer to chapter 57. When ROP Study is being processed and there is an outstanding Repair Recommendation (DIC ZGS - Asset Group 5C) or Buy Recommendation (DIC ZHS - Asset Group 31C) the quantities thereon will be considered as unserviceable SOH Scheduled and due-in on PR. Included in line 13 column K are items having on-hand assets in Condition Code L with a corresponding quantity in Type Due-In Status Code L in the Due-In File.

<u>LINE</u>	<u>COL</u>	<u>DATA ELEMENTS</u>	<u>REMARKS</u>
			The Type Due-In L does not appear in section IV, DUE-IN STATUS and does not become a part of the Reorder Point Comparison Quantity field in the National Inventory Record. A Reason For Study Code ER will always be generated.
14	G	Requirement-OWRMRP Increment	Memo entry to identify OWRMRP Increment quantity. That Portion of OWRMRP quantity for which Funding received but Procurement not initiated.
	H	OWRMRP Requirement - Total	Includes OWRMRP Increment. May also be adjusted by Management Policy Table 018.
	I	OWRMRP - Assets SOH	Asset Groups 3 and 7. Indicates on-hand assets applied to OWRMRP requirements.
	J	OWRMRP - Assets Cont: PR	Asset Groups 11, 28 and 31. Assets due- in on contract, or PR applied to OWRMRP requirements. Tentative Due-In quantity is included. Asset Group 11 identified Logistics Reassignment (LR) transfers from AG 22 with Type Due-In Codes TD_/TP_ are applied to AGs 28 and 31 for LR items.
	L	OWRMRP - Shortage	Shortage to OWRMRP requirements. Column L = Col. H-(I+J+K). (See 14-19 following 19L.)
15	G	DIR DEL - Requirement- (Direct Delivery	Memo entry to identify Direct Delivery Backorders including Demand Code 0. Backorders Demand Code 0 is not recorded in section I. Equal to the sum of Asset Groups 23 and 30.
	H	Backorders - Requirements - Total	Sum of Depot Backorders including Demand Code 0 (Demand Code 0 is not recorded in section I) and Direct Delivery Backorders.
	I	Backorders - Asset Assets - SOH	Groups 3 and 7. Reflect on-hand assets applied to Depot B/O requirements.

<u>LINE</u>	<u>COL</u>	<u>DATA</u> <u>ELEMENTS</u>	<u>REMARKS</u>
	J Cont:	Backorders - Assets - PR	Asset Groups 11, 23, 28, 30, and 31. Includes all Direct Delivery Contracts, Purchase Requests, and Tentative Due-In quantities. Applied to Direct Delivery B/O requirements and Depot Contracts. Purchase Requests and Tentative Due-In quantities applied to Depot B/O reflected in column H. Asset Group 11 identified Logistics Reassignment (LR) transfers from AG 22 with Type Due-In Codes TD_/TP_ are applied to AGs 28 and 31 for items with LR.
15	L	Backorders - Shortage	Quantity short to Backorder requirements. COL. = H-(I+J+K). (See 14-19 following 19L.)
	G	Safety Level - FILL Increment	Memo entry to identify FILL Increment quantity included in System Safety Level Quantity.
	H	Safety Level - Requirement = Total	Includes FILL Increment. May also be adjusted by Management Policy Table 018.
	I	Safety Level - Assets - SOH	Asset Groups 3 and 7. Reflects on-hand assets applied to Safety Level Requirements.
16	J Cont: PR	Safety Level - Cont: PR	Asset Groups 11, 28 and 31. Assets due-in on contract and/or PRs (including Tentative Due-In) applied to Safety Level requirements. Assets Group 11 identified Logistics Reassignment (LR) transfers from AG 22 with Type Due-In Codes TD_/TP_ are applied to AGs 28 and 31 for items with LR.
	L	Safety Level - Shortage	Quantity required to satisfy System Safety Level. Col. L = H-(I+J+K). (See 14-19 following 19L.)
17-18	A	Procurement Lead Time	Consists of the Admin. and Prod. LT time periods.
17	A	Adm. Lead Time - Issue Dates, From	Day, Month, and Year of <u>start</u> of ADM LT time period. (Day following Cutoff date for study.)

<u>LINE</u>	<u>COL</u>	<u>DATA ELEMENTS</u>	<u>REMARKS</u>
	B	Adm. Lead Time - Issue Dates - Through	Day, Month, and Year of <u>end</u> of ADM LT time period.
17	C	ADM LT - Requirements Recurring Demand	Amount of Recurring Demand Forecasted during ADM LT time period. Multiply the number of days in ADM LT X the QFD and divide by the number of days in the quarter covering the time period of the ADM LT and round up all fractions. When the number of days carries over into another quarter having different number of days, use the number of days in ADM LT to the end of the first quarter period. If there are remaining days that fall in the next quarter, repeat the computation using remaining days and divide by the number of days in the next quarter. Example: If ADM LT is 60 days and the starting date is 15 May, the computation would be 47 (15 May - 30 June) X QFD divided by 91 (April through June) and 13 (1 July through September); the sum of the two results represent the ADM LT requirement of 60 days. When two or more computations are necessary (as in example), carry the fractions for summing purposes and round up at the end of the computations.
	D	ADM LT - Requirements Nonrecurring Demand	Reflects SPR requirements recorded in the SCF with Status Code PA during ADM LT time period. If any SPR value exceeds \$2500 and the quantity is in excess of amonthly demand, or if a High Value demand item and the SPR exceeds the System QFD, an SPR Review Code R is placed in the SPR Trailer. Wherever a ROP breach occurs for an item having an SPR Review Code R, the entry in this field will be preceded by an asterisk (*) indicating that confirmation is required prior to procurement, and an appendix F-251 will be produced in the next processing cycle.

<u>LINE</u>	<u>COL</u>	<u>DATA</u> <u>ELEMENTS</u>	<u>REMARKS</u>
	E	ADM LT - Requirements Nonrecurring Demand (MAP)	Reflects MAP requirements during ADM LT period. Includes MAP Reservations - Purpose Code N assets.
	F	ADM LT - Requirements Nonrecurring ADM LT	Reflects PROV requirements during period.
	G	ADM LT - Requirements - Nonrecurring Demand (Other)	Reflects all other requirements during ADM LT period.
	H	ADM LT - Requirements - Total	Reflects total requirements for ADM LT.
	I	ADM LT - Assets SOH	Asset Groups 3, 7, 10, and 37. Reflects on-hand assets applied to ADM LT. (Includes Purpose Code N assets.)
17	J	ADM LT - Assets - Contract and PR	Asset Groups 11, 28 and 31. Assets due- in on contract and/or Purchase Request (including tentative due-in) applied to ADM LT requirements. Asset Group 11 identified Logistics Reassignment (LR) transfers from AG 22 with Type Due-In Code TD_/TP_ are applied to AGs 28 and 31 for items with LR.
	K	ADM LT - Assets - Returns and Transfers	Asset Group 22. Remainder of assets due-in from line 13K Returns and Transfers applied to ADM LT requirements. Applied in inverse order to 19K and 18K first. (See 14-19 following 19L.) May also include Fore- casted Returns. Does not include Asset Group 11 identified Logistics Reassignment (LR) transfers with Type Due-In Code TD_/TP_ which are applied to AGs 28 and 31 for computational purposes.
	L	ADM LT - Shortage	Quantity required to satisfy ADM LT requirements. Col. L = H-(I+J+K). (See 14-19 following 19L.)

<u>LINE</u>	<u>COL</u>	<u>DATA</u> <u>ELEMENTS</u>	<u>REMARKS</u>
18	A	Prod. Lead Time - Issue Dates-From	Day, Month, and Year of <u>start</u> of PROD LT time period.
	B	Prod. Lead Time - Issue Dates-Through	Day, Month, and Year of <u>end</u> of PROD LT time period.
	C	PROD LT - Requirements - Recurring Demand	Recurring Demands Forecasted during PROD LT time period. (Determined in same manner as ADM LT.)
	D	PROD LT - Requirements - Nonrecurring SPRs	Reflects SPR requirements (i.e., recorded in the SCF with Status Code PA) during PROD LT. If any SPR value exceeds \$2500 (using Acquisition Unit Cost) and the quantity is in excess of a monthly demand, or if a High Value demand item and the SPR exceeds the System QFD, an SPR Review Code R is placed in the SPR Trailer. Whenever a ROP breach occurs for an item having an SPR Review Code R, the entry in this field will be preceded by an asterisk (*) indicating that confirmation is required prior to purchase, and an appendix F-251 will be produced in the next processing cycle.
	E	PROD LT - Requirements - Nonrecurring Demand (MAP)	Reflects MAP requirements during PROD LT period.
	F	PROD LT - Requirements - Nonrecurring Demand (PROV)	Reflects PROV Requirements during PROD LT period.
	G	PROD LT - Requirements - Nonrecurring Demand (Other)	Reflects all other requirements during PROD LT period.
	H	PROD LT - Requirements - Total	Reflects total requirements for PROD LT period.
	I	PROD LT - Assets - SOH	Asset Groups 3, 7, and 10. Reflects on-hand assets applied to PROD LT.

<u>LINE</u>	<u>COL</u>	<u>DATA</u> <u>ELEMENTS</u>	<u>REMARKS</u>
	J	PROD LT - Assets - Contracts and Purchase Requests	Asset Groups 11, 28 and 31. Assets due-in on contract and/or Purchase Request (including Tentative Due-In) applied to PROD LT requirement. Asset Group 11 includes identified Logistics Reassignment (LR) transfers with Type Due-In Code TD_/TP_ assets from AG 22 applied herein as AGs 28 and 31 for computational purposes.
18	K	PROD LT - Assets - Returns and Transfers	Asset Group 22. Remainder of assets due-in from line 13K Returns and Transfers applied to Prod Lt requirements. Applied first to line 19K. May also include Forecasted Returns. Does not include identified Asset Group 11 Logistics Reassignment (LR) transfers with Type Due-In Code TD_/TP_ from AG 11 applied above in AGs 28 and 31 for computational purposes.
	L	PROD LT - Shortage	Quantity required to satisfy PROD LT requirements. Col L = H-(I+J+K). See 14-19 following 19L
19	A	Procurement Cycle - Issue Dates From	Day, Month, and Year of <u>start</u> of Procurement Cycle. This will also be first delivery date appearing on line 57, column A, if a buy is recommended.
	B	Procurement Cycle - Issue Dates Through	Day, Month, and Year of <u>end</u> of Procurement Cycle. If the end of Procurement Cycle is equal to, or subsequent to the end of PTFMR, no entries will be made on line 20. If a Procurement Cycle Restriction has been applied through Management Policy Table 018, the end of the restricted procurement cycle time period will be reflected. If the procurement cycle quantity in 19C has been reduced because of shelf-life considerations, the

<u>LINE</u>	<u>COL</u>	<u>DATA ELEMENTS</u>	<u>REMARKS</u>
			procurement cycle dates may not necessarily correspond to procurement cycle quantity. The quantity in 19C is however, correct.
C		Procurement Cycle - Requirements - Demand	Amount of Recurring Demand Forecasted during the Procurement Cycle.

a. Procurement Cycle requirements are determined the same manner as ADM/PROD Lead Time Requirements; however; when the procurement cycle exceeds one year or when going from one year to a subsequent year, additional steps are required in determining the end of the time period. (Appendix D-123, chapter 35, provides a chart depicting the number of days in applicable months.)

b. The end of the time period can be determined as follows starting with the cutoff date of the study:

Example: Procurement Cycle is 27 months or 822 days and starts on 68015 and ends on 70105.

67273 (cutoff) + 30 (ALT) = 67303
67303 + 76 (PLT) = 67379
67379 + 635 = 68014
68014 + 2000 (2 yrs) = 70014
70014 + 91 (3 months) = 70105.

c. When the procurement Lead Time date goes beyond the last day of year, add 635; if procurement cycle is one or three years, add 1000 or 3000, respectively; if procurement cycle is two years add 2000 plus multiples of 1, 3, 6 (days in months); if procurement cycle is less than one year, add the number of days in applicable months.

<u>LINE</u>	<u>COL</u>	<u>DATA ELEMENTS</u>	<u>REMARKS</u>
D		Procurement Cycle - Requirements - Non recurring Demand (SPR)	Reflects SPR requirements (i.e., SPRs recorded in the Supply Control File with Status Code PA) during the Procurement Cycle. If any SPR value exceeds \$2500 (using Acquisition Unit Cost) and the quantity is in excess of a monthly demand, or if a High Value demand item and the SPR exceeds the System QFD, an SPR Review Code R is placed in the SPR Trailer. Whenever a ROP breach occurs for an item having an SPR Review Code R, the entry in this field will be preceded by

<u>LINE</u>	<u>COL</u>	<u>DATA ELEMENTS</u>	<u>REMARKS</u>
			an asterisk (*) indicating that confirmation is required prior to purchase, and an appendix F-251 will be produced in the next processing cycle.
E		Procurement Cycle - Requirements - Non-recurring Demand (MAP)	Reflects MAP requirements during the Procurement Cycle.
F		Procurement Cycle - Requirements - Non-recurring Demand (PROV)	Reflects PROV requirements during the Procurement Cycle.
G		Procurement Cycle - Requirements - Non-recurring Demand (Other)	Reflects all other requirements during the Procurement Cycle.
H		Procurement Cycle - Requirements - Total	Reflects total requirements for the Procurement Cycle.
I		Procurement Cycle - Assets - SOH	Asset Groups 3, 7, and 10. On-hand assets applied to the Procurement Cycle.
J		Procurement Cycle - Assets - Contracts and Purchase Requests	Asset Groups 11, 28, and 31. Assets due-in on Contract and/or Purchase Request (including tentative due-in) applied to Procurement Cycle requirements. Asset Group 11 includes identified Logistics Reassignment (LR) transfers with Type Due-In Codes TD_/TP_ assets from AG 22 applied herein AGs 28 and 31 for computational purposes.
K		Procurement Cycle - Assets - Returns and Transfers	Asset Group 22. Assets due-in from Returns and Transfers applied to Procurement Cycle requirements. Forecasted Returns may also be included. AG 22 does not include identified Logistics Reassignment (LR) transfers with Type Due-In Codes TD_/TP_ assets from AG 11 applied above in AGs 28 and 31 for computational purposes.
L		Procurement Cycle - Shortage	Quantity required to satisfy Cycle Procurement requirements. Col. L = N - (I+J+K). (See 14-19 below.)

<u>LINE</u>	<u>COL</u>	<u>DATA ELEMENTS</u>	<u>REMARKS</u>
14-19		Asset Application	Col. I (Except Asset Group 5C, DIC ZGS) and K Parenthetical Assets (Unserviced/ Unscheduled and Return) will not be used in arriving at the shortage in column L or reflected in columns I & K on lines 14 through 19, until the end of the Procurement cycle period at which time they will be applied in reverse order, i.e., to the procurement cycle 1st; Production Lead Time 2nd; Administrative Lead Time 3rd, etc., until all assets are exhausted. Forecasted Returns may also be applied.

NOTE: Lines 20 through 25 are not developed or printed for items which have reached or are below the System Reorder Point, except for OWRMR which will be printed on line 22, columns F and G; Balance OWRMR which will be printed on line 22, column H with an asterisk indicating the Balance OWRMR quantity is not included in line 26, column H or in line 22, column L; AG 35 assets which will be printed on line 25, column C; and assets subjected to deterioration which will be printed on line 25, column E, if applicable.

<u>LINE</u>	<u>COL</u>	<u>DATA ELEMENTS</u>	<u>REMARKS</u>
*20	A	Balance PTFMR - Issue Dates From	Day, Month and Year of <u>start</u> of period covered by Balance PTFMR. (The day following end of Procurement Cycle Time Period providing it is within the PTFMR Period.)
	B	Balance PTFMR - Issue Dates Through	Day, Month and year of end of Balance PTFMR.
*20	C	Balance PTFMR - Requirements - Recurring Demand	Amount of Recurring Demand Forecasted during time period covered by Balance PTFMR.
	D	Balance PTFMR - Requirements - Non-recurring Demand (SPR)	Reflects SPR requirements (i.e., SPRs recorded in the SCF with Status Code PA) during the Balance PTFMR time period.
	E	Balance PTFMR - Requirements - Non-recurring Demand (MAP)	Reflects MAP requirements during the Balance PTFMR time period.
	F	Balance PTFMR - Requirements - Non-recurring Demand (PROV)	Reflects Provisioning requirements during the Balance PTFMR time period.

<u>LINE</u>	<u>COL</u>	<u>DATA</u> <u>ELEMENTS</u>	<u>REMARKS</u>
	G	Balance PTFMR - Requirements - Non- recurring Demand (Other)	Reflects all other requirements during the Balance PTFMR time period. F-176-38 reflects PTFMR and Balance PTFMR computations.
	H	Balance PTFMR - Requirements - Total	Reflects Total requirements during the Balance PTFMR time period. F-167-38 reflects PTFMR and Balance PTFMR computations.
20	I	Balance PTFMR - Assets - SOH	Asset Groups 3, 7, and 10. On-hand assets applied to the Balance PTFMR requirements.
	J	Balance PTFMR - Assets - Contract and Purchase Requests	Asset Groups 11, 28, and 31. Assets due-in on Contract and/or Purchase Request (including Tentative due-in) applied to the Balance PTFMR requirements. AG 11 includes identified Logistics Reassignment (LR) transfers with Type Due-In Codes TD_/TP_ assets from AG 22 applied herein AGs 28 and 31 for computational purposes.
	K	Balance PTFMR - Assets - Returns and Transfers	Asset Group 22. Assets due-in from Returns and Transfers applied to the Balance PTFMR requirements. AG 22 does not include identified Logistics Reassignment (LR) transfers with Type Due-In Codes TD_/TP_ assets from AG 11 applied above in AGs 28 and 31 for computational purposes.
	L	Balance PTFMR - Shortage PTFMR	Quantity required to satisfy Balance requirements. Col. L = H-(I+J+K).

*If end of Procurement Cycle (19-B) is equal to, or subsequent to, the end of PTFMR, no entries will be made on line 20.

<u>LINE</u>	<u>COL</u>	<u>DATA</u> <u>ELEMENTS</u>	<u>REMARKS</u>
21	I-K	Balance Long Buy	Not applicable.
22	F	OWRMR or Blank	OWRMR will be printed whenever an item has either a recorded OWRMRP or a OWRMR quantity in the Supply Control File.

<u>LINE</u>	<u>COL</u>	<u>DATA ELEMENTS</u>	<u>REMARKS</u>
	G	OWRMR Qty or Blank	An entry indicating OWRMR Quantity recorded in the Supply Control File. Whenever the OWRMR is printed, in line 22, column F, a blank entry in this field indicates no recorded OWRMR quantity in the Supply Control File.
22	H	Balance OWRMR - Requirements - Total	Reflects Balance OWRMR requirements after the table 0/18 OWRMRP adjustment to the OWRMRP Qty. (Equal to line 22, column G, Minus line 14, column H.)
	H	*	An asterisk after the Balance OWRMR quantity indicates that the quantity is <u>not</u> included in TOTAL line 26, column H or the SHORTAGE line 22, column L. This will occur mainly for Reorder Point computations.
	I	Balance OWRMR - Assets - SOH	Asset Groups 3, 7, and 10. On-hand assets applied to the Balance OWRMR requirements.
	K	Balance OWRMR - Assets - Returns and Transfers	Assets Group 22. Assets due-in from Returns and Transfers applied to the Balance OWRMR requirement. AG 22 does not include identified Logistics Reassignment (LR) transfers with Type Due-In Codes TD_/TP_ assets from AG 11 applied above in AGs 28 and 31 for computational purposes.
	L	Balance OWRMR - Shortage	Quantity required to satisfy Balance OWRMR requirements. Col. L = H - (I+J+K). This column will be blank whenever line 22, column H, has an asterisk after the Balance OWRMR quantity.
23	E	War Reserve Requirement For Retention (WRRFR) - Requirements	This entry is not used.
	G	Allied Force Retention Level (AFRL) Requirements	This entry is not used.

<u>LINE</u>	<u>COL</u>	<u>DATA</u> <u>ELEMENTS</u>	<u>REMARKS</u>
	H	CRGF, AFRL, and WRRFR Requirements Total	Reflects CRGF requirements.
	I	CRGF, AFRL, and WRRFR - Assets - SOH	Asset Groups 3, 7, and 10. On-hand assets applied to the CRGF requirements.
	K	CRGF, AFRL, and WRRFR - Assets - Returns and Transfers	Asset Group 22. Asset due-in from Returns and Transfers applied to the CRGF requirement. AG 22 does not include identified Logistics Reassignment (LR) transfers with Type Due-In Codes TD_/TP_assets from AG 11 applied above in AGs 28 and 31 for computational purposes.
24	A	FTE RET	The Retention Limit for Customer Excess Returns printed only when Reason for Study Code CR is generated.
	B	()	Parenthetical entry representing the item Retention Limit. The AERQ and CRGF quantities will not be included in the Customer Excess Return Retention Limit. The entry is based on the Retention Limit as explained in chapter 32.
	C	FTE CRED	The Creditable Level for Customer Excess Returns printed only for Reason for Study Code CR.
	D	()	Parenthetical entry indicating the Creditable Level quantity. The entry is based on the Creditable Level as explained in chapter 32. All NSO items will have a zero entry in this column.
	G	Retention - Requirements - (AERQ)	Memo entry to identify Additional Economic Retention Quantity (AERQ).
	H	Retention - Requirements - Total	Reflects sum of Retention Level Quantity and AERQ. It also reflects a line sufficient to cover additional assets (Asset Group 3, 7, or 10) that cannot be disposed of due to HQ DLA policy.

<u>LINE</u>	<u>COL</u>	<u>DATA ELEMENTS</u>	<u>REMARKS</u>
	I	Retention - Assets - SOH	On-hand assets in Asset Group 3, 7, and 10 applied to the Retention Requirements.
	K	Retention - Assets - Returns and Transfers	Asset Group 22. Assets due-in from and Transfers applied to Retention Requirements. AG 22 does not include identified Logistics Reassignment (LR) transfers with Type Due-In Codes TD_/TP_ assets from AG 11 applied above in AGs 28 and 31 for computational purposes.
25	C	Asset GP 35	Asset Group 35 (less Condition Code L assets). Refer to appendix A-59.
	E	Excess - Subject	Memo entry to identify stock on-to Deterioration hand subject to deterioration. Determined by Asset Group 38 assets and other assets derived in computations as nonrotatable. See chapter 11.
	G	Excess - Purpose Code M Assets	This entry is not currently used.
	I	Excess - Assets - SOH	Asset Groups 3, 7, and 10. On-hand assets identified as potential excess.
	J	Excess - Assets - Contracts and PRs	Assets due-in on Contract and/or PRs identified as excess.
	K	Excess - Assets - Asset Returns and Transfers	Group 22. Assets due-in from Returns and Transfers identified as excess. AG 22 does not include identified Logistics Reassignment (LR) transfers with Type Due-In Codes TD_/TP_ assets from AG 11 that are applied above in AGs 28 and 31 for computational purposes.
26	C-L	Total - Requirements and Assets	The sum quantity for each column (C-L) will be entered in line 26. Nonparenthetical entries lines 14-25 and line 13, column K parenthetical entry will be summed. Maximum Retention can be obtained by subtracting Direct Delivery B/O line 15, column G, from total Requirements line 26, column H.

2. RECOMMENDATIONS (COLUMNS M THROUGH P) for Reason Codes IB and RP only.

<u>LINE</u>	<u>COL</u>	<u>DATA ELEMENTS</u>	<u>REMARKS</u>
13	O	Procurement - Schedule - Quantity	Reflects new purchase quantity recommended by the computer. (Adjusted quantities due to Quantity Unit Packaging rounding Minimum System Buy Dollar Value, shelf-life considerations, and Status Code PA SPRs with current month support dates. Recommended purchase quantities will not reflect adjustments to Minimum System Procurement Quantity.)
	P	Procurement - Schedule - Value	Value of recommended procurement (Quantity times Cost Price, if available or Standard Price).
14	O	Procurement - Expedite - Quantity	This entry is not used.
	P	Procurement - Expedite - Value	This entry is not used.
15	O	Procurement - Redirect - Quantity	This entry is not used.
	P	Procurement - Redirect - Value	This entry is not used.
16	O	Procurement - Reduce - Quantity	Reflects stock in AG Codes 7, 11, 28, and 31 recommended for reduction on F-167 Reason Code DI.
	P	Procurement - Reduce - Value	Dollar Value of Quantity recommended for reduction.
17	O	Procurement - Balance Cycle - Quantity	This entry is not used.
	P	Procurement - Balance Cycle - Value	This entry is not used.
18	O	Procurement - Subject Deterioration Quantity	Reflects quantity by which recommended procurement has been reduced (from normal procurement quantity) due to shelf-life considerations.

<u>LINE</u>	<u>COL</u>	<u>DATA ELEMENTS</u>	<u>REMARKS</u>
	P	Procurement - Subject Deterioration - Value	Value of quantity - entered in columns 18-0 times Cost Price, if available or Acquisition Unit Cost.
19	O	Repair - Schedule - Quantity	Reflects quantity of reparable assets for which computer is recommending repair action be initiated.
	P	Repair - Schedule - Value	Value of items recommended for repair (quantity times Cost Price, if available or Acquisition Unit Cost).
20	O	Repair - Expedite - Quantity	This entry is not used.
	P	Repair - Expedite - Value	This entry is not used.
21	O	Redistribute - Schedule - Quantity	This entry is not used.
	P	Redistribute - Schedule - Value	This entry is not used.
22	O	Redistribute - Expedite - Quantity	This entry is not used.
	P	Redistribute - Expedite - Value	This entry is not used.
23	O	Dispose - Schedule - Quantity	This entry is not used.
	P	Dispose - Schedule - Value	This entry is not used.
24	O	OWRMRP - Increase - Quantity	This entry is not used.
	P	OWRMRP - Increase - Value	This entry is not used.
25	O	SPR - Adjust - Quantity	Memo entry to reflect SPR requirements (i.e., SPRs recorded in the SCF with Status Code PA) contained in the current month that have been reflected on line 17, column C, but have been excluded from the recommended

<u>LINE</u>	<u>COL</u>	<u>DATA ELEMENTS</u>	<u>REMARKS</u>
			purchase quantity reflected on line 13 column 0, and section III, Depot Analysis Section of the SSCS.
	P	SPR - Adjust - Value	Value of SPR requirements (i.e., SPRs recorded in the SCF with Status Code PA) reflected above. (Quantity times Cost Price if available or Acquisition Unit Cost.)
26	0		Code from appendix A-99 indicating the specific reason for not passing the purchase recommendation directly to the procurement subsystem. (See subparagraph 234301a, chapter 34.)

3. SYSTEM ANALYSIS - SECTION III (Numeric Stockage Objective Items).

a. This section of the Standard Supply Control Study reflects all of the data elements (System Totals) essential to effective item management on a system basis.

b. The procedures for deriving each of the entries in this section are described in detail in appendix D-123, chapter 35.

c. Section II of the SSCS for NSO Items is similar in most respects to section II of the SSCS for Replenishment Items. To eliminate voluminous repetition, reference is made to subparagraph 4c(3) of this appendix, for identification of each line and column of the section. Only those areas which differ for NSO Items will be identified in this paragraph.

d. If Status Code SPR, MAP PROV., Other Nonrecurring Requirements, FILL and OWRMRPP is greater than 1/2 NSO quantity plus FILL and OWRMRP, reflect the quantity for SPR, MAP PROV., Other Nonrecurring Production Requirements plus FILL and OWRMRP as the Lead Time quantity and 1/2 of the NSO quantity as the Procurement Cycle quantity (i.e., NSO quantity is 20 and provisioning quantity is 50. Therefore, Production Lead Time quantity is 50 and Procurement Cycle quantity is 10).

<u>LINE</u>	<u>COL</u>	<u>DATA</u> <u>ELEMENTS</u>	<u>REMARKS</u>
16	I-L	Requirements - Safety Level	Not applicable to NSO Items. If FILL is applicable, enter in 16G and 16H.
17	C	ADM LT - Requirements - Recurring Demand	Amount of Recurring Demand forecasted during ADM LT period. This quantity is computed by use of the following formula: $\text{ALT QTY} = \frac{\text{ALT} \times \text{NSO}}{\text{ALT} + \text{PLT} + 2}$
18	C	PROD LT - Requirements - Recurring Demand	Amount of Recurring Demand forecasted during Production LT time period. This quantity is computed by use of the following formula: $\text{PROD LT QTY} = \frac{1}{2} \text{NSO quantity} - \text{ALT QTY}.$
19	C	Procurement Cycle - Requirements - is Recurring Demand	Amount of Recurring Demand forecasted during the Procurement Cycle Time Period This quantity equal to 1/2 the NSO quantity. (NSO Quantity minus entries in 17C and 18C.)
20	C	Balance PTFMR - Requirements - Recurring Demand	Amount of Recurring Demand forecasted during period covered by Balance PTFMR. This quantity is equal to 1 NSO quantity.
24	H	Retention - Requirements - Total	Reflects sum of Retention level plus Additional Economic Retention Quantity. The Retention level is equal to 1 NSO Quantity.
18	O-P	Recommendations - Subj. Deterioration	Not applicable to NSO Items.

(4) DEPOT ANALYSIS - SECTION III (REPLENISHMENT ITEMS).

(a) This section of the Standard Supply Control Study reflects demand, assets, and requirements data on both a System and Depot (Preferred Storage Location) basis. It projects the future stock position on a location basis, thus providing a basis for establishing delivery schedules for new purchase, stock redistribution when warranted, etc.

(b) In distribution of system requirements to preferred locations, rounding will be accomplished by dropping the fractional part of the location computation where PRDA factors are used. If the sum of the location data does not equal the system total in column B, an adjustment will be made to the preferred location with largest PRDA value.

(c) The following information identifies each entry made in this section of the Standard Supply Control Study (appendix F-167) by Line and Column Identification. Columns will only be assigned for depots designated as preferred storage locations in the Storage Mission Code Table 001. For any changes to the machine computation, a Supply Control Worksheet (DLA Form 949, appendix C-117) should be used in conjunction with appendix E-261 P, only if desired. Minor changes can be indicated on the study. Major changes should be made by correcting the proper Supply Control File data.

<u>LINE</u>	<u>COL</u>	<u>DATA ELEMENTS</u>	<u>REMARKS</u>
27	C-P	Total Depot Codes/ Location Review Code	A column (C through P) will be assigned for each Preferred Storage Location designated for Stockage of the Family by the assigned Storage Mission Code. The Depot Code used will be the Routing Identifier Code assigned to the depot. The columns will be in alphabetic RICsequence. If more than 14 Preferred Storage Locations are used for a Family, remaining depot data will be printed on a second Study for FSC 6145 and FSG 95 items. (Applicable to DISC.) The Location Review Code, appendix A-146, will be a numeric either 1, 2, or 3 indicating a shortage to location review level (1), expedite due-in (2), or combination of 1 and 2 will be (3). The combinations under which the Location Review Codes will be produced is described in chapter 32.
28-34		Recurring Demands	Recurring Demands reflected in lines 28 through 34, columns B through P, represent R coded demands as recorded in the Demand History record agree with recurring demands reflected in section I, Historical Data.
28	B	Recurring Demand - Current - Month - System	Reflects the sum of columns C through P, line 28, (includes MAP Grant Aid Demands).

<u>LINE</u>	<u>COL</u>	<u>DATA ELEMENTS</u>	<u>REMARKS</u>
	C-P	Recurring Demand - Current Month - Depot	Each column reflects recurring demands charged to the appropriate Preferred Storage Location from the first day of the current month through the date of the Study preparation. Equal to the entry in line 11, column B.
29	B	Recurring Demand - Current Quarter - System	Reflects the sum of columns C through P, line 29.
29	C-P	Recurring Demand - Current Quarter - Depot	Each column reflects recurring demands charged to the appropriate Preferred Storage Location from the first day of the current quarter to the end of the month previous to the study preparation (only demand covering an entire month will be reflected). Equal to the entry in line 11, column D.
30	B	Recurring Demand - 1st Previous Qtr - System	Reflects the sum of columns C through P, line 30.
	C-P	Recurring Demand - 1st Previous Qtr - System	Each column reflects recurring demands charged to the appropriate Preferred Storage Location during the first quarter previous to the current quarter. Equal to the entry in line 11, column F.
31	B	Recurring Demand - 2nd Previous Qtr - System	Reflects the sum of columns C through P, line 31.
	C-P	Recurring Demand - 2nd Previous Qtr - Depot	Each column reflects recurring demands charged to the appropriate Preferred Storage Location during the second quarter previous to the current quarter. Equal to the entry in line 11, column H.
32	B	Recurring Demand - 3rd Previous Qtr - System	Reflects the sum of columns C through P, line 32.
	C-P	Recurring Demand - 3rd Previous Qtr - Depot	Each column reflects recurring demands charged to the appropriate Preferred Storage Location during the third quarter previous to the current quarter. Equal to the entry in line 11, column J.
33	B	Recurring Demand - 4th Previous Qtr - System	Reflects the sum of columns C through P, line 33.

<u>LINE</u>	<u>COL</u>	<u>DATA ELEMENTS</u>	<u>REMARKS</u>
	C-P	Recurring Demand - 4th Previous Qtr - Depot	Each column reflects recurring demands charged to the appropriate Preferred Storage Location during the fourth quarter previous to the current quarter. Equal to the entry in line 11, column L.
34	B	Recurring Demand - Total 4 Prev. Qtrs - System	Reflects the sum of columns C through P, line 34. (Sum of lines 30 to 33, column B.)
	C-P	Recurring Demand - Total 4 Prev. Qtrs - Depot	Each column reflects the sum of the entries on lines 30 through 33. Equal to the entry in line 11, column N.
35-38		Nonrecurring Demand	Nonrecurring demands reflected in lines 35 through 38, columns B-P represent N, M, and P coded demands recorded in the Demand History and MAP demands other than Grant Aid or Cooperative Logistics Agreement, and agree with corresponding demands in section I, Historical Data.
35	B	Nonrecurring Demand - M and P - Coded System	Reflects the sum of columns C through P, line 35.
	C-P	Nonrecurring Demand - M and P Coded Depot	Each column reflects total M and P Coded demands charged to the appropriate Preferred Storage Location. (Total of 4 previous quarters demand).
36	B	Nonrecurring Demand - N Coded - System	Reflects the sum of columns C through P, line 36.
	C-P	Nonrecurring Demand - N Coded - Depot	Each column reflects total N Coded demands charged to the appropriate Preferred Storage Location. (Total of column O, lines 1 through 8.)
37	B	Nonrecurring Demand - MAP - System	Reflects the sum of columns C through P, line 37.
	C-P	Nonrecurring Demand - MAP - Depot	Each column reflects MAP demands charged to the appropriate Preferred Storage Location. (Same as line 9, column O.)

<u>LINE</u>	<u>COL</u>	<u>DATA ELEMENTS</u>	<u>REMARKS</u>
38	B	Nonrecurring Demand - Total - System	Reflects sum of entries in columns C through P, line 38.
	C-P	Nonrecurring Demand - Total - Depot	Each column reflects the sum of the entries on lines 35 through 37.
39	C-P	PRDA/WDF	<p>The PRDA percentage is the Proportion of Recurring Demands Allocable to the RIC at the current time period. The PRDA percentages are machine computed as depicted in appendix D-182, and can be manually changed by the IM with DIC ZSE IAW appendix B-119 when required. All PRDA Factors will equal 100%. A PRDA of 000 indicates that the location has no demand to compute while other management data (i.e., O/H assets, B/Os, etc.) exist for the location.</p> <p>The WDF (War Distribution Factor) is computed on the basis of PRDA factors and location distribution authorization/restrictions of that item's OWRMRP as directed by HQ DLA policy. All WDF percentages will equal 1.00 and are computed for only those locations that are authorized to have OWRMRP stocks positioned and, therefore, distributed there. OWRMRP is prorated for distribution to authorized locations (which will be F (preferred)). The WDF for unauthorized locations will be 00 including instances where a location may be coded F (preferred) but is not authorized OWRMRP stock positioning (i.e., for DPSC-T, SBT is an unauthorized location for positioning of OWRMRP and will, therefore, maintain a 000 WDF even though that location may be coded F (preferred). The following formulae apply::</p>

<u>LINE</u>	<u>COL</u>	<u>DATA ELEMENTS</u>	<u>REMARKS</u>
			$\frac{\text{PDD/PRDA}}{\text{PRDAs PDDs}} = \text{WDF (truncated at the 2nd pos.)}$ <p>Adj. WDF = Truncated WDFs = 1.00 (adjusting the largest factor)</p> <p>LOC OWRMRP = OWRMRP Qty. x Adj. WDF</p> <p>NOTE: For DPSC-T, all OWRMRP distributions are restricted and adjusted as follows:</p> <p>SBT's WDF will always be 000, position stocks at FGZ. Navy User Only MCA items having Meth. of Comp. Codes A, B, J, or K, NNT and NOT will always have 000 WDFs recorded and positioning of these items will be at NGT and NDT respectively. Peacetime (Pct) assets will be positioned IAW PRDAs of record.</p>
40	B	Requirements - OWRMRP - System	Reflects total system OWRMRP requirements as adjusted by Management Policy Table 018 (equals sum of columns C through P). Equal to entry on line 14, column H.
40	C-P	Requirements - OWRMRP - Depot	<p>The system recorded OWRMRP is allocated to valid authorized depot locations IAW the WDF computed for that OWRMRP at the distribution locations for that item's stock positioning. The OWRMRP is prorated to these locations based on the WDF formulae as follows:</p> $\frac{\text{PDD/PRDA}}{\text{PDD PRDAs}} = \text{WDF}$ <p>Adjusted WDF = WDFs (Truncated at 2nd position, and adjusting largest factor so that all factors equal 1.00.)</p> <p>LOC OWRMRP Qty = System OWRMRP qty x LOC Adj. WDF.</p>

<u>LINE</u>	<u>COL</u>	<u>DATA ELEMENTS</u>	<u>REMARKS</u>
41	B	Requirements - Depot - Backorders - System	Reflects the sum of entries in columns C through P. (Direct Delivery Backorders are excluded from this line.) (Equals line 15, column H, minus line 15, column G.)
	C-P	Requirements - Depot - Backorders - Depot	Each column reflects those backorders associated with the applicable Preferred Storage Location as of the date of preparation of the SSCS.
42	B	Requirements - Safety Level - System Level	Reflects total System Safety Quantity, including FILL Increment Quantity, will be equal to the sum of columns C through P. Equals entry in line 16, column H.
42	C-P	Requirements - Safety Level - Depot	Depot Safety Level quantity is computed by multiplying the System Safety Level quantity (line 16, column H minus line 16, column G) by each Preferred Storage Locations PRDA Factor. If applicable, the FILL Increment quantity will be added to the Depot Safety Level quantity and must equal the FILL quantity.
43	A		Asterisk (*) indicates a restriction of 630 days applied to Procurement Lead Time.
43	B	Requirements - Procure- ment Lead Time System	Reflects total System Procurement Lead Time Quantity (Quantity will be equal to the sum of columns C through P). This requirement excludes SPR's with current month support dates. It is equal to the entry in line 17, column H, plus line 18, column H, minus line 25, column O.
	C-P	Requirements - Procure- ment Lead Time - Depot	The Procurement Lead Time quantity for each depot is computed by multiplying the total recurring PLT quantity (line 17, column C, plus line 18, column C) by each Depot's PRDA factor. To these values,

<u>LINE</u>	<u>COL</u>	<u>DATA ELEMENTS</u>	<u>REMARKS</u>
			add to the appropriate depot's the nonrecurring requirements reflected on lines 17 and 18, columns D through G, (except for SPRs with current month support date). Nonrecurring requirements not identified to a location will be added to the Preferred location with largest PRDA Factor.
44	B	Requirements - Procurement Cycle - System	Reflects total System Procurement Cycle Quantity (Quantity will be equal to the sum of columns C through P). Whenever shelf-life considerations, quantity unit pack, Minimum Procurement Quantity, or a Minimum System Buy (appendix B-70, table 018) pertains to an item, the Procurement Cycle quantity is adjusted to an amount that will cause the quantity to be purchased to comply with the above criteria. This entry is equal to line 13, column O minus the entries in lines 14 through 18, column L.
	C-P	Requirements - Procurement Cycle - Depot	The Procurement Cycle quantity for each Depot is computed by multiplying the System Procurement Cycle Recurring requirement (line 44, column B minus line 19, columns D, E, F, and G) by each Depot's PRDA Factor. To these values, add to the appropriate Depots, the nonrecurring requirements reflected on line 19, columns D through G. (Nonrecurring requirements not identified to a location be added to the preferred location with the largest PRDA Factor.)
45	B	Requirements - Balance PTFMR - System	Reflects total System Balance PTSP quantity (Quantity will be equal to the sum of columns C through P). Line 45 will not be utilized on a SSCS produced due to a breach of the Reorder Point. This entry is equal to line 26, column H.

<u>LINE</u>	<u>COL</u>	<u>DATA ELEMENTS</u>	<u>REMARKS</u>
45	C-P	Requirements - Balance PTFMR - Depot	The Balance PTFMR quantity for each Depot is computed by multiplying the system recurring requirement (line 45 column B minus the entries on line 20, columns D, E, F and G), by each Depot's PRDA Factor. To these values, add to the appropriate Depot's, the nonrecurring requirements reflected on line 20, columns D through G. (Nonrecurring requirements not identified to a location will be added to the preferred location with the largest PRDA Factor.)
46	B	Requirements - Total - System	Reflects the sum of lines 40 through 45, column B.
	C-P	Requirements - Total - Depot	Each column reflects the sum of the entries on lines 40 through 45.
47	B	Assets - Serviceable SOH - System	Reflects the sum of Depots Serviceable SOH, columns C through P. (Asset Groups 3 and 37.)
	C-P	Assets - Serviceable SOH - Depot	Each column reflects the assets applicable to the designated Preferred Storage Location. These assets consist of Asset Groups 3 and 37, appendix A-59.
48	B	Assets - Unserviceable SOH - Scheduled	Reflects the sum of unserviceable assets on hand, scheduled for repair (sum of columns C through P). (Asset Group 7.)
	C-P	Assets - Unserviceable SOH - Scheduled Depot	Each column reflects the assets applicable to the designated Preferred Storage Location. These assets consist of Asset Group 7.
49	B	Assets - Unserviceable SOH - Unscheduled - System	Reflects the sum of unserviceable assets on hand, not scheduled for repair (sum of columns C through P). (Asset Group 10.)

<u>LINE</u>	<u>COL</u>	<u>DATA</u> <u>ELEMENTS</u>	<u>REMARKS</u>
	C-P	Assets - Unserviceable SOH - Unscheduled - Depot	Each column reflects the assets applicable to the designated Preferred Storage Location. These assets consist of Asset Group 10.
50	B	Assets - Due-In - Contractor - System	Reflects total assets, identified as Asset Group 28, due-in on Contract as well as AG 11 Type Due-In Code TD_ identified assets from AG 22 applied herein for computational purposes for items with Logistics Reassignment (LR) assets due-in on Contract (sum of columns C through P).
	C-P	Assets - Due-In - Contractor - Depot	Each column reflects the assets applicable to the designated Preferred Storage Location. These assets consist of Asset Group 28 as well as AG 11 Type Due-In Code TD_ identified assets from AG 22 applied herein for computational purposes for items with Logistics Reassignment (LR).
51	B	Assets - Due-In - Purchase Request - System	Reflects total assets, identified as Asset Group 31, including Tentative Due-In, as well as Type Due-In Code TP_ identified assets from AG 22 applied herein for computational purposes for items with Logistics Reassignment (LR) assets due-in on Purchase Request (sum of columns C through P).
	C-P	Assets - Due-In - Purchase Request - Depot	Each column reflects the assets applicable to the designated Preferred Storage Location. The assets consist of Asset Group 31, including Tentative Due-In as well as AG 11 Type Due-In Code TP_ identified assets from AG 22 applied herein for computational purposes for items with LR.
52	B	Assets - Due-In - Other - System	Reflects Forecasted Returns plus total assets due-in from sources other than previously mentioned. These assets consist of Asset Group 22, excluding those identified Type Due-In Codes TD_/TP_ assets with Logistics

<u>LINE</u>	<u>COL</u>	<u>DATA</u> <u>ELEMENTS</u>	<u>REMARKS</u>
			Reassignment (LR) that already have been applied to AGs 28 and 31 for computational purposes. (Sum of columns C through P.) (Asset Group 22.)
	C-P	Assets - Due-In - Other - Depot	Each column reflects the assets applicable to the designated PreferredStorage Location. These assets consist of Asset Group 22, excluding AG 11 identified Type Due-In Codes TD/TP_ Logistics Reassignment (LR) assets applied in AGs 28 and 31 for computational purposes. If Forecasted Returns were applied (line 26K minus line 13K), it is multiplied by each Preferred Depot's PRDA and the result added to the entry on line 52.
53	B	Assets - Total Applicable - System	Reflects the sum of all assets on lines 47 through 52, column B.
	C-P	Assets - Total Applicable - Depot	Each column reflects the sum of the entries on lines 47 through 52.
54	B	Assets - Unapplied - System	Reflects the total assets identified as Asset Group 35, less Condition Code L assets, plus the assets of partially substitutable items above the Merger Reorder Point Quantity, plus assets subject to deterioration (entry in line 25, column E). Not included are the Condition Code L on-hand assets where the corresponding due-in quantity is recorded in the Due-In File as a Type Due-In L and <u>not</u> reflected in the section IV, <u>DUE-IN STATUS</u> section.
	C-P	Assets - Unapplied - Depot	Each column reflects the assets applicable to the designated Preferred Storage Location.
55-63			Will be entered for Reason for Study Code RP or IB only, appendix A-156.

<u>LINE</u>	<u>COL</u>	<u>DATA ELEMENTS</u>	<u>REMARKS</u>
55	B	Over/Short to PLT and B/O System	Reflects the expected System asset position at the end of the Procurement Lead Time. Entry is computed by subtracting the sum of lines 41 and 43 (column B) from the sum of lines 47, 48, 50, and 51. A negative entry indicates a shortage to PLT and B/O.
	C-P	Over/Short to PLT and B/O Depot	Each column reflects the appropriate Depot's overage or shortage to the PLT and B/O. For each Prepared Depot, the entry is computed by subtracting the sum of lines 41 and 43 from the sum of lines 47, 48, 50, and 51. A negative entry indicates a shortage to the PLT and B/O.
56	B	Assets at Delivery	Reflects the expected asset position on the date of first scheduled delivery. Line 56B entry will be the same as the line 55B entry and reflects the sum of lines 56C through P (Depots).
	C-P	Assets at Delivery	<p>a. If entry in line 55B is negative, multiply line 55B entry by the applicable PRDAs in line 39 C-P, and enter results in line 56 C-P. Enter line 55B into line 56B. If the sum of 56 C-P does not equal 56B total, adjust location entry in 56 C-P with largest PRDA.</p> <p>b. If line 55B is zero, enter zeros in all line 56 entries.</p> <p>c. If line 55B is positive and no line 55 C-P entry is negative, enter total line 55 B-P into line 56 B-P.</p> <p>d. If line 55B is positive and one or more entries in line 55, C-P are negative, divide the sum of the location shortages (negative quantities) by the sum of the location overages</p>

<u>LINE</u>	<u>COL</u>	<u>DATA ELEMENTS</u>	<u>REMARKS</u>
			(positive quantities) to arrive at factor for reducing locations with overages. Multiply factor by each location overage (column L1, appendix C-117) and subtract the results from the locations with overages on line 55 and enter final results on line 56, C-P, for locations with overages. This step eliminates the shortage (negative quantities) for locations on line 55; therefore, there will be no entry on line 56 for those locations having a shortage on line 55. Enter the sum of the entries on line 56 C-P on line 56B. Adjust largest entry if necessary to enable cross-footing.

Lines 57 and 63 (One Delivery):

The purpose of these lines is to reflect the purchase quantity by location and the recommended delivery schedule.

<u>LINE</u>	<u>COL</u>	<u>DATA ELEMENTS</u>	<u>REMARKS</u>
57	A	Delivery Date - 1st Delivery	This date will be the first day of the 1st Procurement Cycle Time Period. (Same entry as line 19, column A.)
	B	System Delivery Quantity	The sum of the first delivery quantities for the preferred storage locations. This quantity is equal to the entry in line 13, column O, if only one delivery is to be made.
57	C-P	Depot Delivery Quantity	The delivery quantity for each Preferred Storage Location. Quantities for each location are derived as follows: <ul style="list-style-type: none"> a. When all locations on line 56 are negative, enter the sum of line 40 plus line 42 plus 44 minus line 52 plus the shortage on line 56, and place the result on line 57.

<u>LINE</u>	<u>COL</u>	<u>DATA ELEMENTS</u>	<u>REMARKS</u>						
			<p>b. When all locations on line 56 are zero or positive, enter the sum of line 42 plus line 44 minus line 52 minus line 56, and place the result on line 57.</p> <p>c. If subparagraph b above results in a negative entry on line 57, perform the following steps:</p> <p>(1) For each location with a positive entry, reduce the entry by:</p> <table border="1" style="margin-left: 40px;"> <tr> <td style="text-align: right;"><u>Location PRDA</u></td> <td></td> </tr> <tr> <td style="text-align: right;">Sum of Positive</td> <td style="border-top: 1px solid black;"></td> </tr> <tr> <td style="text-align: right;">Location PRDA's</td> <td></td> </tr> </table> <p>X Sum of Negative Location entries on line 57.</p> <p>(2) Change all negative entries on line 57 to zero.</p> <p>(3) Adjust largest entry to enable cross-footing, if necessary.</p> <p>d. Round each location entry to a multiple of Quantity Unit Pack. For SSD's round up to ensure at least 1 Quantity Unit Pack. Adjust location with largest quantity to enable cross-footing.</p> <p>e. Determine if value of each location's delivery quantity equals or exceeds the table 018 Minimum Location Buy Value. For SSDs increase if necessary to Minimum Location Buy Value in terms of Quantity Unit Pack. If value of delivery quantity for Non-SSDs is less than Minimum Location Buy Value, enter zero on line 57. Adjust location with largest quantity to enable cross-footing.</p> <p>f. Enter all final entries appearing on line 57, columns B-P, on line 63, columns B-P.</p>	<u>Location PRDA</u>		Sum of Positive		Location PRDA's	
<u>Location PRDA</u>									
Sum of Positive									
Location PRDA's									
57	C-P								

Lines 57 through 63 (Phased Deliveries):

The purpose of these lines is to reflect the procurement quantity by location and recommended delivery schedule when phased deliveries are used. The number of phased deliveries for High Value Replenishment Demand items will be determined by dividing the Procurement Cycle Time Period by the Operating Level. If the results are not an interger, the remaining time period will be added to the first delivery - Example: Operating Level is 4 months and Procurement Cycle is 9 months; the first delivery will consist of 5 months procurement cycle plus shortages to PLT and Backorders (line 56), Safety Level and OWRMRP. The second delivery will consist of the remaining 4 months Procurement Cycle. At DPSC-T, the deliveries will not be reflected if two or more monthly delivery percentages are recorded in Management Policy Table 011 (Procurement Group Code). The deliveries will be reflected on F-463, PGC Delivery Schedule, which is prepared in lieu of Recommended Buy/Repair cards. The message SEE F-463 PGC DELIVERY SCHEDULE will appear on line 60.

<u>LINE</u>	<u>COL</u>	<u>DATA ELEMENTS</u>	<u>REMARKS</u>
57	A	Delivery Date - 1st Delivery	This date will be the first day of the first Procurement Cycle Time Period.
	B	System Delivery Quantity	The sum of the 1st delivery quantities for the Preferred Storage Locations.
57	C-P	Depot Delivery Quantity	The first delivery quantity for the appropriate Preferred Storage Location. Determine net system shortages in the same manner as outlined for a single delivery and from this quantity determine the portion applicable to the first delivery and enter on line 57, columns B through P.
58-62	A	Delivery Date - 2nd through 6th delivery	This date will be the beginning following the end of the first delivery date; second delivery date, etc.
58-62	B	System Delivery Quantity	The 2nd through 6th Delivery Quantity for all the Preferred Storage Locations.
	C-P	Depot Delivery Quantity	The 2nd through 6th Delivery Quantity for the Preferred Storage Locations.
63	B	Total System Buy Quantity	The sum of entries on lines 57 through 62, column B.
63	C-P	Total Deliveries	For each column, the entry will be the sum of entries on lines 57 through 62.

(d) DEPOT ANALYSIS - SECTION III (Numeric Stockage Objective Items).

1. This section of the Standard Supply Control Study reflects demands, assets, and requirements data on both a system and depot (Preferred Storage Location) basis. It projects the future stock position on a location basis, thus providing a basis for establishing delivery schedules for new purchases, stock redistribution when warranted, etc.

2. Section III of the SSCS for NSO Items is identical to section III for Replenishment Items. To eliminate repetition, reference is made to Paragraph 4c(4) of this appendix for identification of each line and column of the section.

(5) SECTION IV - DETAILED ASSET DATA. This section reflects the detailed for all assets both on hand and due-in (excludes direct delivery).

(a) CURRENT ON-HAND STOCK STATUS:

1. DEPOT - RIC of storage activity.

2. TYPE LOCATION CODE - Location Status Code maintained in DoDAAD File; appendix A-54; DIC ZGE/ZGF, appendix B-136.

3. AREA CODE - Geographic Area Code of Shipping Depot, appendix A-108. This code is recorded in the Source Preference Table 01, appendix F-93, where the assignment of the code is made for on-hand stock.

4. COND CODE - Condition Code of materiel on hand. Used to classify materiel in terms of readiness for issue and use, or to identify actions underway to change the status of the materiel. Whenever the on-hand stock reflects Condition Code L stock and there is no offsetting due-in quantity in the DUE-IN STATUS section, the due-in is reflected in the Due-In File as Type Due-In Code L and the quantity appears in line 13, column K. The Reason for Study Code will be ER and signifies latent defects found at the Depot after receipt and acceptance of the materiel (appendix A-16).

5. O/P CODE:

a. Ownership Code - 1 through 0, used in segmenting inventory balances as to ownership (appendix A-14). Commingled stock, Asset Group 36, is indicated in this section only.

b. Purpose Code - Provides the owner with purpose or reason why an inventory balance is reserved (appendix A-15).

6. QUANTITY - Quantity of assets on hand at a particular storage activity.

7. FRZ CODE - Freeze Indicator Code (appendix A-73) used to indicate the type and extent of the freeze of a specific balance of a family number; DIC ZJK, appendix B-190.

8. NIIN - National Item Identification Number (appendix C-1).

NOTE: Each item within the Family, which has assets will be broken out separately and listed by NSN, condition code, O/P code, SSC, and location.

9. SSC - Supply Status Code (appendix A-50). Reflects the normal means of supply/stockage/nonstockage status of each assigned NSN.

10. AST APP CODE - Asset Applicability Code 1 or 2, DIC ZR1, appendix B-115; DIC ZJS, appendix B-171:

a. Code 1 - Indicates that the item is completely substitutable (interchangeable) and all assets will be applied in requirements computation. Consult chapter 32 for asset application details.

b. Code 2 - Indicates the item is partially substitutable. Only those assets equal to or less than the MROP will be applied. Consult chapter 32 for asset application details.

11. MERGER REORDER POINT - When an item is at reorder point and the Supply Control Record contains a Merger Family Number, a Merger ROP Study, Reason for Study Code MR, will be generated in lieu of an RP Study. (DIC ZR1, appendix B-115).

(b) DUE-IN STATUS - If there are 22 or more print lines due-in on any NSN, an F-439, Special Phased Due-In Listing, will be output. Consult appendix E-439 P for instructions on how to process the Special Phased Due-In Listing. The message, SEE F-439 SPECIAL PHASED DUE-IN LISTING will appear on line 74.

1. DEPOT - RIC of storage activity.

2. TYPE LOCATION CODE - Appendix A-54, DIC ZGE/ZGF, appendix B-136.

3. AREA CODE - Geographic Area Code of Shipping Depot, appendix A-108. This code is recorded in the Source Preference Table 01, appendix F-93, where the assignment of the code is made for due-in stock.

4. COND CODE - Condition Code. See subparagraph (a)4 above (appendix A-16).

5. O/P CODE - See subparagraph (a)5a and b above:

a. Ownership Code, appendix A-14.

b. Purpose Code, appendix A-15.

6. QUANTITY - Quantity of due-in assets at a particular storage activity.

7. DUE-IN:

a. TYPE - Three position alpha code which reflects the Reason, Stage/Type, and Source of due-in, appendix A-107, chapters 3 and 40. This date is extracted from the Due-In File EDD.

b. DATE - Four digit Julian date, i.e., 19 Sept 1968 would be 8263.

8. NIIN - National Item Identification Number (appendix C-1); due-in assets for each member of the family will be broken out separately by NSN, SSC, and due-in document number.

9. SSC - Supply Status Code. (See subparagraph (a)9 above.) (Appendix A-50.)

10. DOCUMENT NUMBER - Applicable contract, Purchase Request, or MILSTRIP document number materiel is due-in on.

11. SUPP ADDRESS or CLIN:

a. SUPP ADDRESS - when applicable, chapters 3 and 40.

b. CLIN - Contract Line Item Number, chapters 3 and 40.

12. CONTRACT ADMIN LOCATION - Contract Administration Location Code (DCASQ) or DSC Indicator for Contracts. For all other due-ins the DSC RIC will be printed, chapter 3 and 40.

NOTE: After each Requirement Cycle, and appendix F-282, Supply Control Volume Statistics, will be generated listing the number of F-167s output per Reason for Study Code (appendix A-156) including mixed codes EX/DE, RP/ER, RP/MM, RP/MR, RP/NP, and RP/RX, part I, and a summary of the number of F-167s output by Output Routing Code (ORC), appendix A-56, in part II.

5. DISTRIBUTION AND RETENTION

One copy to the ORC of the IM in DSO. Retain IAW local procedures and retire IAW DLA Files Maintenance and Disposition Manual, DLAM 5015.1.

6. PROCEDURES FOR REVIEW AND PROCESSING

Review the appendix A-156, Reason for Study, IAW appendix E-307 P.

DA FORM 690 JULY 61

STANDARD SUPPLY CONTROL STUDY

SECTION I - HISTORICAL DATA

ACTIVITY	CURRENT QUANTITY	1ST PREVIOUS QUARTER	2ND PREVIOUS QUARTER	3RD PREVIOUS QUARTER	4TH PREVIOUS QUARTER	TOTAL 4 PREVIOUS QTR	RETURN
1 ARMY	235	333	212	262	701	1528	28
2 NAVY							38
3 AIR FORCE	70	8	3	26	18	52	3
4 MARINES				26		26	0
5 OTHER							0
6 TOTAL	305	341	215	288	715	1626	69

SECTION II - SYSTEM ANALYSIS

REQUIREMENTS	ASSETS	RECOMMENDATIONS
13 FROM	122	159
14 TO	622	1247.23
15	525	
16	178	
17	178	
18	178	
19	178	
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99	178	
100	178	

SECTION III - DEPT ANALYSIS

DEPT	REQ	ASSETS	RECOMMENDATIONS
13	122	122	
14	622	622	
15	525	525	
16	178	178	
17	178	178	
18	178	178	
19	178	178	
20	178	178	
21	178	178	
22	178	178	
23	178	178	
24	178	178	
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99	178	178	
100	178	178	

SECTION IV - DETAILED ASSET DATA

ASSET	REQ	ASSETS	RECOMMENDATIONS
1	122	122	
2	622	622	
3	525	525	
4	178	178	
5	178	178	
6	178	178	
7	178	178	
8	178	178	
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10	178	178	
11	178	178	
12	178	178	
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100	178	178	

PEACETIME FORCES MATERIEL REQUIREMENT (PTFMR)
OR
PEACETIME SUPPORT PERIOD REQUIREMENT (PTSF)

PTFMR

Safety Level

+ Production Lead Time

+ EITHER

Procurement Cycle or

Constant number of months from the following table, whichever is greater:

DATE OF REQUIDREMENTS COMPUTATION

31 Mar or 1 Apr - 24 months	30 Sep or 1 Oct - 30 months
30 Apr or 1 May - 23 months	31 Oct or 1 Nov - 29 months
31 May or 1 Jun - 22 months	30 Nov or 1 Dec - 28 months
30 Jun or 1 Jul - 21 months	31 Dec or 1 Jan - 27 months
31 Jul or 1 Aug - 20 months	31 Jan or 1 Feb - 26 months
31 Aug or 1 Sep - 19 months	28 Feb or 1 Mar - 25 months

NOTE: The PTFMR does not reflect as an element on the SSCS.

BALANCE PEACETIME FORCES MATERIEL REQUIREMENT (BAL PTFMR)

Add OWRMRP, S/L, Production Lead Time, Procurement Cycle

Subtract Total from PTFMR - result is the Balance PTFMR, line 20.

NSO - ICC 2

On NSO items, the balance PTFMR is equal to fixed NSO quantity.

If procurement cycle is used in PTFMR, there will be no balance PTFMR.

STANDARD SUPPLY CONTROL STUDY		FEDERAL STOCK NUMBER		ITEM NAME		ITEM UNIT		DATE		CUBE		REMARKS	
690		1311 C C C C		THERMISTORS, MEN'S		13087 P8		10,225		P M		12/21/54	
REASON FOR STUDY		402		1954		4M		2019		41		2019	
AG		3537		2		0		4		30		12/21/54	
REQUIREMENT CODES		1311 C C C C		C C C C		C C C C		C C C C		C C C C		C C C C	
SECTION I - HISTORICAL DATA		1311 C C C C		C C C C		C C C C		C C C C		C C C C		C C C C	
REVIEW BY		ACTIVITY NAME		CURRENT QUARTER		1ST PREVIOUS QUARTER		2ND PREVIOUS QUARTER		3RD PREVIOUS QUARTER		TOTAL QUARTERS	
APPROVED BY		103		283		293		104		885		271	
SECTION II - SYSTEM ANALYSIS		ISSUE DATES		REQUIREMENTS		TOTAL		CONTRACT		REMARKS		RECOMMENDATIONS	
ELEMENT		FROM THRU		RECURRING		NON-RECURRING		TOTAL		CONTRACT		REMARKS	
PROBLEMS		108 NOV 8105 FEB 53		3		479		482		452		1622	
LEAD TIME		06 FEB 8218 AUG 52		6		1874		1880		728		1394	
PROBLEMS		20 AUG 8218 FEB 53		6		1763		1768		215		1394	
SECTION III - QUANTITY ANALYSIS		DELIVERY DATE		SYSTEM		NOT		NGT		SHY		SRY	
DEMAND		103		181		113		2		5		9	
REQUIREMENT		239		114		8		56		102		8	
TOTAL		103		181		113		2		5		9	
SECTION IV - DETAILED ASSET DATA		CURRENT ON HAND STOCK STATE		QUANTITY		DATE		REMARKS		QUANTITY		DATE	
SAT P		494		011962379		111		D		80		505 1197 001962379	
SRT P		445		011962379		111		D		160		505 1237 001962379	
NGT S		525		011962379		111		D		240		505 1267 001962379	

DLA FORM 690 JULY 68		FEDERAL STOCK NUMBER		ITEM NAME		ITEM TIME CODE		QUANTITY		UNIT PRICE		STANDARD COST		LATEST QUOTE		DATE OF QUOTE		DATE OF ORDER		DATE OF DELIVERY		REMARKS																																																																																																																																																																																															
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