

APPENDIX F-130

MAJOR CHANGES IN DEMAND BASE

1. PURPOSE

This listing is a semiannual comparison of the Annual Demand Value (ADV) of all replenishment, Item Category Code 1 or P, NSNs between the yearly stratification process, 30 June and the midyear process, 31 December. The ADV is determined by multiplying the total of the next four quarters of recurring plus nonrecurring demand times the Acquisition Unit Cost. The objective is to identify for the DSO the number and value of items exhibiting a substantial increase in value. Only those NSNs with a total increase or decrease valued at \$1000.00 or more will be listed. In addition, a comparison of Economic Retention and Potential Excess between the two processes will be made to determine the impact of a rise or fall in demand for these two strata. The selection of the replenishment items will be based on the following:

a. All items with an increased annual demand requirement of 25 percent or more, including those with zero demand in previous semiannual process.

b. All items with a decreased annual demand requirement value of 25 percent or more, including those with zero demand in the current process.

c. If an item does not appear on the stratification output tape, consider the demand to have been zero in the previous semiannual process.

2. ORIGIN

Output of the stratification process as depicted in chapter 37. Product Control Number SR(SA)130 has been assigned by the Comptroller (DLA).

3. FREQUENCY

Semiannual as a result of the 30 June and 31 December stratification process.

4. FORMAT

a. Heading Line (Standard Identification).

b. Data Organization:

(1) Sequence:

(a) Major: Numerical NSN order within the FSC.

(b) Minor: FSC.

(2) Number of lines per page is continuous flow and dependent on the number of NSNs within the FSC.

(3) Spacing - Single-spaced in NSN sequence with double-spaced between each different NSN. The FSC summaries and Grand Total will be double-spaced.

(4) Page Break: Continuous listings normal overflow technique for the NSN listing with a page break at the FSC summaries and Grand Total summary.

(5) Required Totals:

(a) Separate Increase and Decrease Item Count by FSC Total \$1000.00, FSC Total, and FSC percentages. The accumulated FSC item counts are cumulated in a Grand Center Total.

(b) Separate Increase and Decrease Value by FSC Total \$1000.00, FSC Total, and FSC percentages. The accumulated FSC dollar values are cumulated in a Grand Center Total.

(c) Separate dollar values of the annual forecasted demand, Economic Retention and Potential Excess by FSC Total \$1000.00 and FSC Total. The accumulated FSC dollar values are cumulated in a Grand Center Total.

c. Captions of Data Elements:

(1) NSN - National Stock Numbers having a 25% increase or decrease annual demand value greater than \$1000.00.

(2) PREV/CURR - The Previous or Current semiannual period on separate lines.

(3) UI - The Unit of Issue.

(4) ACQN COST - The Acquisition Cost.

(5) DMD VAL - The Demand Dollar Value representing the total of the QFD times four times the Acquisition Cost.

(6) INCR VAL - The Increased Dollar Value representing a 25% increase over the previous six month period and greater than \$1000.00.

(7) DECR VAL - The Decreased Dollar Value representing a 25% decrease compared to the previous six month period and greater than \$1000.00.

(8) QTY - The Quantity of the projected annual forecasted demand for the two semiannual periods determined by multiplying the QFD by four, appendix F-161, SWS, Type of Output Q.

(9) EC RET V - The Economic Retention dollar value. Represents line 50, column G plus column I, appendix F-161, SWS.

(10) INCR ERV - The Increased Economic Retention Dollar Value comparison between the two semiannual periods.

(11) DECR ERV - The Decreased Economic Retention Dollar Value comparison between the two semiannual periods.

(12) POT EX V - The Potential Excess Dollar Value. Represents line 58, column F, plus line 46 column J and K, appendix F-161, SWS.

(13) INCR PXV - The Increased Potential Excess Dollar Value comparison between the two semiannual periods.

(14) DECR PXV - The Decreased Potential Excess dollar value comparison between the two semiannual periods.

(15) FSC and Grand Total Summary - The summary is divided into three parts; total of the \$1000.00 increase or decrease items; total of all items including the \$1000.00 items and total percentage portion.

(a) Demand V - The Demand Dollar Value summary column represents the applicable cumulative NSN data from the individually listed \$1000.00 Demand Value, Increased Value and Decreased Value NSN columns. Additionally, the total of the \$1000.00 items and other items are accumulated in the Total portion.

(b) ECON RETEN - The Economic Retention Dollar Value summary column. Includes the applicable accumulated NSN data from the individually listed \$1000.00 Economic Retention Value, Increased Economic Retention Value and Decreased Economic Retention Value NSN columns. Additionally, the total of the \$1000.00 items and other items are accumulated in the Total portion.

(c) POT EXCESS - The Potential Excess Dollar Value summary column. Includes the applicable accumulated NSN data from the individually listed \$1000.00 Potential Excess Value, Increased Potential Value and Decreased Potential Excess Value NSN columns. Additionally, the total of the \$1000.00 items and other items are accumulated in the Total portions.

(d) NSN GRAND TOT \$1000 - The FSC/Grand Total \$1000.00 represents items with a 25% annual forecasted demand increase or decrease valued at \$1000.00 or more. (Or the FSC Total \$1000.00 and over.)

(e) INCR VALUE - The total Increased Dollar Value for items having a \$1000.00 annual forecasted demand increase.

(f) INCR ITEM COUNT - The Increased Item Count of the NSNs indicated in the Increased Dollar Value line.

(g) DECR VALUE - The Decreased Dollar Value for items having a \$1000.00 or more annual forecasted demand decrease.

(h) DECR ITEM COUNT - The Decreased Item Count of the NSNs indicated in the Increased Dollar Value line.

(i) PREVIOUS - The Previous Annual Dollar Value for items having a \$1000.00 or annual forecasted demand increase or decrease.

(j) CURRENT VALUE - The Current Annual Dollar Value for items having a \$1000.00 or more annual forecasted demand increase or decrease.

(k) FSC/GRAND TOTAL - The Grand Total (or FSC) includes all items having an annual forecasted demand increase or decrease.

(l) INCR VALUE - The Increased Dollar Value of all the replenishment demand type items that had an annual forecasted demand increase over the previous six month period.

(m) INCR ITEM COUNT - The Increased Item Count of the NSNs indicated in the Increased Value line.

(n) DECR VALUE - The Decreased Dollar Value of all the replenishment demand type items that had an annual forecasted demand decrease compared to the previous six month period.

(o) DECR ITEM COUNT - The Decreased Item Count of the NSNs indicated in the Decreased Value line.

(p) PREVIOUS VALUE - The Previous Dollar Value of all the replenishment demand type items.

(q) CURRENT VALUE - The Current Dollar Value for all the replenishment demand type items.

(r) SYSTEM TOTAL - ITEM COUNT - VALUE - The System Total by items count and dollar value (or FSC Totals).

(s) NO PREV - No annual forecasted demand requirement from the previous semiannual Stratification process. Normally, this will represent replenishment demand type items that changed from a SSC 2, 3, or 9 nonstocked to stocked status, migrated from a NSO category or are new to the center. There is no NSN Catalog update action accomplished on the list of previous NSNs from one semiannual comparison period to another. Accordingly, some of the items in this area could be newly changed NSNs.

(t) 50% INCR - A 50% to 99% increase of the annual QFD dollar value when compared to the previous semiannual period.

(u) 100% INCR - A 100% or more increase of the annual forecasted demand dollar value when compared to the previous semiannual period.

(v) NO CURR - No annual forecasted demand requirement from the current semiannual Stratification process. The items that appear in this column will be the reverse of the reasons indicated in the NO PREV line. Additionally, an item inhibited with a QFD of all zeros would appear in this column.

(w) 50% DECR - A 50% to 100% decrease of annual forecasted demand dollar value when compared to the previous semiannual period.

## 5. DISTRIBUTION AND RETENTION

Two copies to the Directorate of Supply Operation. To be destroyed upon completion of review or receipt of a subsequent listing.

## 6. PROCEDURES FOR REVIEW AND PROCESSING

The review of the items and summaries in this listing assists in the overall Directorate of Supply Operations management level defense of the Stratification where large increases or decreases of demand value have an impact on the budget.

MAJOR CHANGES IN DEMAND BASE (CONT'D)

REPORT NR F-130 ONC		MAJOR CHANGES IN DEMAND BASE										PAGE NR 00035	DATE 30 JUN 71
NSN	UI	ACQV COST	DMD VAL	INCR VAL	DECR VAL	QTY	EC RET V	INCR ERV	DECR ERV	POT EX V	INCR PKV	DECR PKV	
5660 002701510	PREV EA	.81	5434834			6709672							
	CURR EA	.81	1868106		3566728	2306304							
5660 002701587	PREV EA	.76	7989			10512	52419			16254			
	CURR EA	.76	48664	40675		64032	267325	214905		34671	18417		
5660 002701588	PREV EA	.39	728			1868	15411						
	CURR EA	.39	8091	7363		20748	24109	8698					
5660 002701589	PREV EA	.46	2330111			5065460							
	CURR EA	.46	920001		1410109	2000004							
5660 007204527	PREV RD	31.10	1158164			37240							
	CURR RD	31.10	442242		715922	14220							
5660 009215515	PREV BA	18.60	37720			2028							
	CURR	.00			37720								

MAJOR CHANGES IN DEMAND BASE (CONT'D)

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ORC

MAJOR CHANGES IN DEMAND BASE

	DEMAND V	ECON RETEN	POT EXCESS
5660 TOT \$1000	48038	223604	18417
INCR VALUE	2	2	1
INCR ITEM COUNT	2	2	1
DECR VALUE	5730480		
DECR ITEM COUNT	4		
PREVIOUS VALUE	8969548	67831	16254
CURRENT VALUE	3287106	291435	34671
5660 TOTAL	473657	223604	18417
INCR ITEM COUNT	3	2	1
DECR VALUE	6924467	15886	
DECR ITEM COUNT	10	2	
PREVIOUS VALUE	\$1097775	543153	16354
CURRENT VALUE	34641962	749871	34671

5660 TOTAL	ITEM COUNT	VALUE
NO PREV		
50% INCR		
100% INCR	2	48038
NO CURR	2	37827
50% DECR	3	5682759

MAJOR CHANGES IN DEMAND BASE (CONT'D)

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REPORT NR F-130 ORC	MAJOR CHANGES IN DEMAND BASE				POT EXCESS
	DEMAND Y	BCON RETEN			
GRND TOT \$1000	88832994	597484			156841
INCR VALUE	129	17			6
INCR ITEM COUNT					
DECR VALUE	12845344	1622183			344073
DECR ITEM COUNT	83	45			13
PREVIOUS VALUE	24348781	2556554			3367596
CURRENT VALUE	65336432	1531854			3140063
GRND TOTAL INCR VALUE	54446053	816411			156841
INCR ITEM COUNT	181	21			6
DECR VALUE	14415169	1811385			790107
DECR ITEM COUNT	121	65			20
PREVIOUS VALUE	36398770	3542757			3694618
CURRENT VALUE	97929654	2547784			3151046
GRND TOTAL		ITEM COUNT		VALUE	
	NO PREV	28		6614475	
	50% INCR	36		1977599	
	100% INCR	28		44095326	
	NO CURR	67		3778790	
	50% DECR	7		8486553	