

APPENDIX F-504A/B

DESERT STORM SUPPLY SUPPORT DETAIL ANALYSIS

1. PURPOSE

To provide the Inventory Manager (IM) and personnel in the Management Support Office (MSO) of the Directorate of Supply Operations (DSO) with a detail analysis of the stock position of NSNs involved in Operation Desert Storm (ODS) with relation to a requested ODS Support Period. NSNs involved in this program which have been determined to have sufficient assets to provide uninterrupted supply support for the entire ODS Support Period will not be reflected.

2. ORIGIN

Prepared as a result of running the ODS Supply Support Analysis (as required Job USRJAR95).

3. FREQUENCY

As required.

4. FORMAT

a. Header Line (Standard Identification)

b. Data Organization:

(1) F-504A (for use by the IM).

(a) ORC of record will be displayed on line 2 beneath the header.

(b) Sequence: ORC/ODS GROUP/RECOMMENDED ACTION/NSN.

(c) Number of lines per page: Variable.

(d) Page break on ORC.

(2) F-504B (for use by MSO).

(a) ORC 94 will be displayed on line 2 beneath the header.

(b) Sequence: ODS GROUP/RECOMMENDED ACTION/NSN.

(c) Number of lines per page: Variable.

(d) Page break on Recommended Action.

c. Captions of Data Elements

(1) PROGRAM RUN MODE - Indicates whether the ODS Supply Support Analysis, from which this listing is produced, was run in the production mode or the simulation mode. A value of P indicates that the production

mode was run and a value of S indicates that the simulation mode was run. The ODS Support Period and Demand Support Rates associated with the particular mode will be displayed adjacent to the program run mode. The production mode values are mandated by DLA-O, whereas the simulation mode values may be changed at will by each Defense Supply Center (DSC). The processing and outputs from the production and simulation modes are identical except that the production mode is the only one capable of mechanically creating and maintaining DIC ZRG Other Nonrecurring Requirements transactions to update the Supply Control File (SCF).

(2) SUPPORT PERIOD (MOS) - Indicates the length of the ODS Supply Support Analysis, in months, for each of the four ODS categories (Groups A, B, C, and D) in which an ODS item may be defined. These values are established and maintained in the ODS Management Policy Table as explained in appendix E-433 P.

(3) SUPPORT RATE (%) - Indicates the Demand Support Rate to be used during the ODS Supply Support Analysis for each of the four ODS categories of items (Groups A, B, C and D). These rates are expressed as percentages of the current ODS demand (for Groups A and B) or the current total item demand (for Groups C and D). For example, an entry of 150 for a particular group indicates a 50 percent increase over the current demand appropriate for that group. These values are established and maintained in the ODS Management Policy Table as explained in appendix E-433 P.

(4) NSN - National Stock Number.

(5) GRP - ODS Item Group. This field will contain an A, B, C, or D which defines the Desert Storm Group to which the NSN belongs as follows:

(a) A - Weapon System item with ODS demand.

(b) B - Non-Weapon System item with ODS demand.

(c) C - Essential Weapon System item (WSIC F, G, or K) with no ODS demand, but identified as an ODS item by a D in the ODS Indicator field in the Supply Control File.

(d) D - No ODS demand, but not included in Groups A, B, or C, and possessing ODS Project-Coded SPRs.

(6) ICC - Item Category Code (appendix A-87).

(7) BKORDER - The stock backorder quantity.

(8) WR/SL - The total of War Reserve (OWRMRP) and Safety Level requirements, unfactored by any Management Policy Table (MPT) 18 OWRMRP or Safety Level Reduction Factors.

(9) AVG MTH FCST - The average monthly forecast computed by dividing the Quarterly Forecast of Demand (QFD) for an Item Category Code (ICC) 1 item by 3, or by dividing the past 4 whole quarters of demand (Demand Codes 1, R, N only) by 12 for Numeric Stockage Objective (NSO) items (ICC 2 or B).

(10) SPR - The total Special Program Requirements quantity for all SPRs with support dates within the Desert Storm Support Period (excluding SPRs with current month support date).

(11) MTH DS DMD - The average monthly Desert Storm demands based on the past 90 days of ODS Project Coded or DoDAAC coded requisitions (Demand Codes 1, R and N only).

(12) MTH ADJ DMD - The average monthly adjustment quantity which will be used to increase requirements for the ODS Groups of items used in support of Operation Desert Storm. For Group A and B items, it is the result obtained by multiplying the average monthly Desert Storm demand (MTH DS DMD) by the factor equal to DEMAND SUPPORT RATE MINUS 100, DIVIDED BY 100, i.e., $MTH DS DMD \times (Support Rate - 100)$. For Group C and D items, substitute AVG MTH FCST for MTH DS DMD in this formula.

(13) SPT PER REQMT - The total requirement through the designated ODS Group Support Period. This is the total of all stock backorders, war reserve (OWRMRP), safety level, average monthly forecasted requirement, average monthly adjusted demand, and applicable SPRs.

(14) SOH - Total stock on hand as defined by the On-Hand Issuable Assets quantity in the National Inventory Record (NIR).

(15) DUE-IN - Total applicable stock due-in including that with due-in dates before and after the Support Period. (See appendices A-59, AGs 4, 5A, 5B, 28, 31A, and 31B).

(16) REC ACT - The recommended actions field highlights problem conditions identified by the Desert Storm Supply Support Analysis.

(a) EXP - Identifies those items for which review indicates there is sufficient stock due-in to support the monthly requirements after all on-hand stocks have been exhausted but the due-in date is in a subsequent month. Note that, for this analysis, stock with a due-in date actually falling within a given Support Month is counted as an asset in the next Support Month. Also note that all delinquent dues-in are applied as assets beginning in the second Support Month. DIC ZRG transactions will not be created for these items during a production mode run.

(b) SHT - Identifies those items for which review indicates the total available on-hand and due-in assets are insufficient to support the total Support Period requirement. DIC ZRG transactions will be input for these items during a production mode run.

(c) There may be both an expedite and a shortage condition identified on this report for the same NSN if it has both due-in which can be expedited and a shortage to the total Support Period requirement. Such items will be highlighted on both the F-504A and F-504B by an asterisk before the NSN identification for both the EXP and SHT action lines. These NSNs will only be counted toward the total SHORTAGE count on the F-505, Desert Storm Supply Support Summary Analysis, however.

(17) SHORT - This is the difference (if any) between the total of assets on hand and due-in and the total Support Period Requirement. This field will be blank for EXPEDITE recommendations.

(18) ZRG - The additive quantity input to the Other Nonrecurring Requirements trailer of the Supply Control File during a production run for items with an identified shortage to their Support Period requirement. This equates to the average monthly adjustment quantity (MTH ADJ DMD) value multiplied by the number of months in the Support Period, unless the value is 100,000 or more in which case 99,999 is used. These requirements can be identified in the Supply Control File by the Service Code of X. Each time this program is run in the production mode, DIC ZRG transactions will be mechanically created and input for items with an identified shortage. If an Other Nonrecurring Requirements trailer with a Service Code of X already exists for an NSN, the existing data will be overlaid with the data contained on the most recent DIC ZRG. This is a departure from the normal DIC ZRG processing and has been specially created for the ODS usage of Service Code X. Note that while the average monthly adjustment quantity is used in the analysis of all NSNs within this special job, DIC ZRG transactions are only created for those items where the combination of on-hand and due-in assets are insufficient to support the total Support Period requirement. This field will also be filled when the F-504 Report is output from a simulation run; however, actual DIC ZRG transactions will not be created.

(19) NEED MONTH - Identifies the first month during the Support Period in which the total of on-hand and applicable due-in assets are insufficient to satisfy the monthly requirement. For EXPEDITE items, this will be the first month where there is a deficit caused by due-in assets being scheduled after the month in which they are needed. For SHORTAGE items, this will be the month where total assets are exhausted if all dues-in arrived in a timely manner. Those items experiencing both conditions will have a separate need month identified for each condition. Format of this field is YY-MM.

(20) ORC - Output Routing Code of IM of record.

5. DISTRIBUTION AND RETENTION

a. F-504A - One copy to ORC of record. Retain IAW local instructions.

b. F-504B - One copy to MSO ORC 94. Retain IAW local instructions.

6. PROCEDURES FOR REVIEW AND PROCESSING

a. F-504A: This report is to be used by the IM for an initial review of the status of those NSNs involved in the support of Operation Desert Storm for which mechanical analysis has indicated that some supply deficiency exists in the ODS Support Period. The report is not intended to replace the Standard Supply Control Study (F-167) for use in a more detailed analysis. When reviewing the F-167 for expedite items, care must be taken to remember that DIC ZRG transactions have not been created for these items and, therefore, the requirements reflected on the F-167 will be less than those used to initially identify the condition. Possible actions required for expedite items include (but are not limited to) exigency award processing or requests for acceleration. Shortage items should be reviewed for the possibility of recommended buy action; however, recommended buy actions may initiate sooner than normal, if not immediately, because of the input of the ZRG transactions during a production run.

b. F-504B: This report is to be used by the MSO when detailed NSN data is required for analysis and reporting purposes in order to determine the relative asset sustainability of items within a specific ODS Group and to compare different ODS Groups.

ORC 10

SUPPORT PER 1000 HRS - SUPPORT RATE (%)

PROGRAM RUN MODE P	GROUP A	0E	15C
	GROUP B	12	250
	GROUP C	06	180
	GROUP D	12	250

MSN	P C BKDR	ER	HK/SL	AVG MTH	FCST	SPR	DMO	HIT DS	HTN	ADJ	S-1	PER	REQMT	SUH	DU	IN	ACT	REC	SHORT	ZRS	MONTH	NEED		
* 1730 002943695	A	P	8615	3957	1088	0	1083	544	544	25628	0	21092	817	0	0	0	0	0	0	0	0	0	0	0
1730 0044923638	A	P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* 1730 002943695	A	P	8615	3957	1088	0	1088	544	544	25628	0	21092	511	0	0	0	0	0	0	0	0	0	0	0

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PRCGFAM RUN MODE P SUPPORT PERIOD(MUS) SUPPORT RATE(%)

GROUP A	01	150
GROUP B	12	350
GROUP C	06	180
GROUP D	12	250

6 I

NSN	P	C	BKORDER	MR/SL	AVG MTH	FCST	SPK	DMD	MTA	DS	MTH	ADJ	SPT	PER	REQM	50H	DU	IN	ACT	REG	SHORT	ZMG	NEED	MUNTH	C
1650 002934475	C	1	271	450	9	0	0	7	817	0	1097	EXP	0	0	88	08	XU								
*2520 007417951	C	1	348	1253	75	331	0	60	2978	0	2057	EXP	0	0	88	08	UA								
2520 007521033	C	1	47	618	104	15	0	83	1802	59	2269	EXP	0	0	88	08	AB								
2530 007442055	C	1	13321	4314	1943	94	0	354	45251	0	65315	EXP	0	0	88	08	GF								
2805 011497859	C	1	8	763	23	6	0	18	1023	369	251	EXP	0	0	88	10	UA								
2930 006715421	C	1	41	328	27	117	0	22	781	0	1427	EXP	0	0	88	08	UC								
*2930 011482912	C	1	1262	302	44	26	0	35	2084	0	2409	EXP	0	0	88	08	CA								
2940 001975368	C	1	338	437	42	0	0	34	1231	0	1493	EXP	0	0	88	08	BA								
3640 602251442	C	1	19	30	2	0	0	2	69	49	75	EXP	0	0	88	08	JA								
3950 004888389	C	2	1	0	1	0	0	1	13	0	19	EXP	0	0	88	08	YG								
4720 011754466	C	1	640	210	56	0	0	45	1456	0	3150	EXP	0	0	88	08	IB								
4820 609713567	C	1	233	149	17	0	0	14	335	135	375	EXP	0	0	88	08	IA								
				53	15	0	0	12	423	0	440	EXP	0	0	88	08	CU								