

BOX 170. 1. A-16/3 WARFARE -- U.S.S.R.: July 29, 1942 - December 31, 1943.

The bulk of this material deals with supplies to the Soviet Union during the period.

2. A-16 RUSSIA (U.S.S.R.) Section 2: January 1, 1944 - April 18, 1945.
3. A-16 SEXTANT CONFERENCE (Cairo): October 28, 1943 - November 26, 1943.
4. ---- ARGENTINE MEAN: July 14, 1944 - June 18, 1945.
5. A-16 SOUTH AMERICA AND THE SOUTH ATLANTIC: June 23 - September 10, 1942.
6. A-16/3 WARFARE -- SOUTHWEST PACIFIC AREA: March, 1942 - February, 1944.

BOX 170. 1. A-16/3 WARFARE -- U.S.S.R.: July 29, 1942 - December 31, 1943.

The bulk of this material deals with supplies to the Soviet  
Union during the period.



THE WHITE HOUSE  
WASHINGTON

NOTE:

This file closed to

31 December, 1943.

For files dated subsequently, see next folder

"A16/Russia (2)"

*Russia*

*and forward to file*

*File*

WAR DEPARTMENT

WASHINGTON

10 December 1943.

The President,

The White House.

Dear Mr. President:

Action of the War Department in furnishing Lend-Lease aid to the Union of Soviet Socialist Republics under the Third Russian Protocol is summarized in the enclosed report for the period ending 30 November 1943.

During the first five months of the Third Protocol period, forty-two percent of the total tonnage to be furnished by the War Department has been made available. In most cases materiel has been made available to meet allocated shipping space and selections made by the Union of Soviet Socialist Republics. Certain critical items are still under production and will not be delivered until the latter part of the Third Protocol period.

Factory deliveries of airplanes are ahead of U. S. Protocol requirements and exports are proceeding on schedule.

Respectfully yours,

*Henry L. Stimson*

SECRETARY OF WAR.

Incl:

Tabs A to C  
Inclusive

WAR DEPARTMENT

SUMMARY OF STATUS OF MILITARY GROUND ITEMS  
AS OF 30 NOVEMBER 1943

SECRET
AUTH. DIRECTOR I.A.D.
INITIALS <i>724</i>
DATE DEC 5 '43

The following statement summarizes the status of Military Ground Items during the Third Russian Protocol period 1 July to 30 November 1943, detailed in the tabulations attached.

General Classification	TONNAGE				
	Tab A1	Tab A2	Tab A3	Tab A4	Total
	Third Protocol Schedule	Second Protocol Items Re-Offered	Assigned Non-Protocol Items	Requisitioned Non-Protocol Items	
OFFERINGS					
Ordnance Items	1,089,658	6,910	89,832	9,903(a)	1,196,303
Signal Items	24,882	727	1,093	420	27,122
Quartermaster Items	55,280	343	1,062	41,505	98,190
Chemical Items	50,460	67,218	7,663	2,599	127,940
Transportation Items	281,600	-	7	-	281,607
Medical Items	1,200	865	-	-	2,065
Engineer Items	-	-	30,911	1,739	32,650
	<u>1,503,080</u>	<u>76,063</u>	<u>130,568</u>	<u>56,166</u>	<u>1,765,877</u>
OFFERINGS MADE AVAILABLE					
Ordnance Items	428,229	6,910	87,120	9,903(b)	532,162
Signal Items	13,401	727	918	227	15,273
Quartermaster Items	18,161	343	881	36,903	56,288
Chemical Items	13,187	67,218	1,273	973	82,651
Transportation Items	49,035	-	7	-	49,042
Medical Items	422	865	-	-	1,287
Engineer Items	-	-	9,928	1,462	11,390
	<u>522,435</u>	<u>76,063</u>	<u>100,127</u>	<u>49,468</u>	<u>748,093</u>

(a) Ordnance tonnage figures incomplete due to lack of spare parts weight data.

(b) Availability figure as of 31 October 1943.

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## THIRD PROTOCOL SCHEDULE ANALYSIS OF ITEM COMMITMENT

Item	Third Protocol Commitment	Monthly Commitment	First Five Months Commitment	First Five Months Availability	Difference		Second Protocol Carryover	Overall Difference	
					% Shortage	Overage %		% Shortage	Overage %
<u>Tanks</u>									
Medium	2,000	167	835	623	25.3	212	-	25.3	212
<u>Vehicles</u>									
Scout Car M3A1	4,500	375	1,875	850	54.6	1,025	-	54.6	1,025
Truck $\frac{1}{2}$ Ton 4x4 (Jeeps)	24,000	2,000	10,000	12,445(a)		2,445 24.4	-		2,445 24.4(a)
<u>Trucks</u>									
Truck $\frac{3}{4}$ Ton 4x4 W/C	12,900			3,756					
Truck $\frac{3}{4}$ Ton 4x4 Carryall	300			-					
Truck $1\frac{1}{2}$ Ton 4x2	27,000			18,419					
Truck $1\frac{1}{2}$ Ton 4x4	27,000			12,898					
Truck $2\frac{1}{2}$ Ton 6x4	26,000			9,868					
Truck $2\frac{1}{2}$ Ton Tractor	1,000			200					
Truck $2\frac{1}{2}$ Ton 6x6	35,475			17,502					
Truck $2\frac{1}{2}$ Ton 6x6 Dump	400			-					
Truck $2\frac{1}{2}$ Ton 6x6 Radio Repair	125			-					
Truck 5 Ton 4x2 Dump	1,080			-					

(a) Second Protocol carryover - 1,804.

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Item	Third	Monthly	First Five	First Five	Difference		Second	Overall Difference		
	Protocol	Commitment	Months	Months	%	Shortage	Carryover	%	Shortage	Overage
<u>Trucks (Cont'd)</u>										
Tank Transporter - 20 Ton	480			194						
Tank Transporter - 40 Ton	240			70						
	<u>132,000</u>	10,000 1st 6 Mo.	50,000	<u>62,907(b)</u>		12,917	25.8	-	12,917	25.8
		<u>12,000 2nd 6 Mo.</u>								
Motorcycles	12,000	1,000	5,000	6,800(c)		1,800	36.0	-	1,800	36.0
<u>Prime Movers for Artillery</u>										
Tractors, Medium M1	1,680	140	700	946		246	35.1	-	246	35.1
Tractors, Heavy M1	720	60	300	225	25.0	75		-	25.0	75
Cars, Half Track M9	600	50	250	180	28.0	70		-	28.0	70
<u>Explosives</u>										
Toluol (Tons)	40,320	3,360	16,800	15,520	76.2	1,280		6,527	5,247	31.2
TNT (Tons)	26,880	2,240	11,200	16,350		5,150	45.9	23,493	28,643	255.7
Powder (Tons)	72,700	6,056	30,290	40,734		10,444	34.5	8,825	19,269	63.6
<u>Signal</u>										
Radio Stations over 1 KW	61	5	25	10	60.0	15		4	44.	11
Radio Stations Less Than 1 KW	11,800	983	4,915	6,865		1,950	39.7	737	2,687	54.6
Radio Receivers	2,430	202	1,010	813	19.5	197		14	18.1	183

(b) Second Protocol carryover - 9,337.

(c) Second Protocol carryover - 1,400.

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Item	Third Protocol Commitment	Monthly Commitment	First Five Months Commitment	First Five Months Availability	Difference		Second Protocol Carryover	Overall Difference		
					% Shortage	Overage %		% Shortage	Overage %	
<u>Signal (Cont'd)</u>										
Radio Beacons	235	20	100	101			1 1.0	-		1 1.0
Radio Direction Finding Set	150	13	65	60	7.7	5		-	7.7	5
Radio Tubes	2,400,000	200,000	1,000,000	805,497	19.4	194,503		-	19.4	194,503
Measuring & Test Equip. and Radio Parts	\$3,000,000	\$250,000	\$1,250,000	\$595,134	52.3	654,866		-	52.3	654,866
Field Telephones	100,000	9,166	45,830	54,064			8,234 17.9	42,249		50,483 110.1
Wire, Field Telephone (Miles)	186,000	15,500	77,500	220,424(d)			142,924 184.4	-		142,924 184.4
Field Battery Charging Station 1 1/2 KW	4,000	333	1,665	-	100.0	1,665		-	100.0	1,665
<u>Chemicals (Tons)</u>										
Phenol	12,000	1,000	5,000	1,662	66.7	3,338		4,118		780 15.6
Ethylene Glycol	3,360	280	1,400	1,000	28.5	400		4,134		3,734 266.7
Methanol	6,720	560	2,800	-	100.0	2,800		2,991		191 6.8
Urotropine	6,720	560	2,800	2,318	17.2	482			17.2	482
Glycerine	6,720	560	2,800	6,689			3,889 138.8	2,498		6,387 228.1
Acetone	6,720	560	2,800	-	100.0	2,800		1,249	55.3	1,551

(d) Second Protocol Carryover - 141,042.

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Item	Protocol Commitment	Monthly Commitment	First Five Months Commitment	First Five Months Availability	%	Difference		%	Second Protocol Carryover	%	Overall Difference		%
						Shortage	Overage				Shortage	Overage	
<u>Chemicals (Cont'd) (Tons)</u>													
Other Chemicals	3,200	266	1,330	1,018	23.4	312			1,873		1,561	11.7	
<u>Quartermaster - Clothing &amp; Equipage</u>													
Leather (Tons)	18,000	1,500	7,500	6,988(e)	6.8	512			-	6.8	512		
Army Boots (Prs.)	3,600,000	300,000	1,500,000	1,516,853			16,853	1.2	137,468		154,321	10.3	
Woolen Cloth (Yds.)	18,000,000	1,500,000	7,500,000	4,792,760	36.1	2,707,240			-	36.1	2,707,240		
Cotton Cloth (Yds.)	26,045,000	2,170,041	10,850,205	1,045,000(f)	90.3	9,805,205			-	90.3	9,805,205		
Tarpaulin (Yds.)	3,000,000	250,000	1,250,000	175,286	85.9	1,074,714			-	85.9	1,074,714		
Webbing (Yds.)	12,000,000	1,000,000	5,000,000	10,298,665(g)			5,298,665	105.9	-		5,298,665	105.9	
<u>Medical</u>													
Medical Supplies	\$12,000,000	\$1,000,000	\$5,000,000	\$2,484,863	50.3	\$2,515,137			2,077,536	8.7	437,601		
<u>Transportation Equipment</u>													
Locomotives	700	58	290	154	46.9	136			46.9		136		
Flat Cars	10,000	833	4,165	1,397	66.4	2,768			66.4		2,768		

(e) Second Protocol carryover - 4,250.

(f) Second Protocol carryover - 1,045,000.

(g) Second Protocol carryover - 6,000,000.

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TAB A1

ITEMS SPECIFICALLY LISTED IN THIRD PROTOCOL SCHEDULE

<u>Item</u>	<u>Protocol Number</u>	<u>War Department Quantity</u>	<u>Offerings Tonnage</u>	<u>Offerings Made Available Quantity</u>	<u>Available Tonnage</u>	<u>Remarks</u>
<u>Tank</u>						
Medium	I 2	2,000	60,600	623	18,876	
<u>Vehicles</u>						
Scout Car M3A1	I 9a	4,500	31,050	850	3,744	
Trucks $\frac{1}{4}$ Ton 4x4 (Jeeps)	I 9b	2,400	117,700	1,804(a) 10,641*	1,858 10,960	* 463 - Truck $\frac{1}{4}$ Ton 4x4 (Amphibian)
<u>Trucks</u>						
Truck $\frac{3}{4}$ 4x4 WC	I 10a	12,900	33,282	156(a) 3,600	402 12,240	
Truck $\frac{3}{4}$ Ton 4x4 Carryall	I 10a	300	862	-	-	
Truck $1\frac{1}{2}$ Ton 4x2	I 10b	27,000	92,070	3,091(a) 15,328	10,540 52,253	
Truck $1\frac{1}{2}$ Ton 4x4	I 10b	27,000	109,552	1,566(a) 11,332	6,354 46,659	
Truck $2\frac{1}{2}$ Ton 6x4	I 10c	26,000	167,307	1,228(a) 8,640	7,902 55,598	
Truck $2\frac{1}{2}$ Ton 6x4 Tractor	I 10c	1,000	4,095	200	1,012	

(a) Made available as of 6/30/43.

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Tab A1 - 2 of 6

<u>Item</u>	<u>Protocol Number</u>	<u>War Department Offerings</u>		<u>Offerings Made Available</u>		<u>Remarks</u>
		<u>Quantity</u>	<u>Tonnage</u>	<u>Quantity</u>	<u>Tonnage</u>	
<u>Trucks (Cont'd)</u>						
Truck 2 $\frac{1}{2}$ Ton 6x6	I 10c	35,475	196,882	3,252(a) 14,250	18,048 79,087	
Truck 2 $\frac{1}{2}$ Ton 6x6 Dump	I 10c	400	2,200	-	-	
Truck 2 $\frac{1}{2}$ Ton 6x6 Radio Repair	I 10c	125	745	-	-	
Truck 5 Ton 4x2 Dump		1,080	6,912	-	-	
Tank Transporter - 20 Ton	I 10c	480	42,105	44(a) 150	3,860 5,508	
Tank Transporter - 40 Ton		240	6,366	70	1,820	
Motorcycles	I 17	12,000	9,900	1,400(a) 5,400	1,155 1,450	
<u>Prime Movers for Artillery</u>						
Tractors, Medium M1	I 18	1,680	34,000	946	12,061	
Tractors, Heavy M1		720	18,000	225	2,869	
Cars, Half Track M9		600	5,730	180	1,369	
<u>Explosives</u>						
Toluol (Tons)	I 13a	40,320	44,400	15,520	15,520	
TNT (Tons)	I 13b	26,880	30,600	16,350	16,350	

(a) Made available as of 6/30/43

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Tab A1 - 3 of 6

Item	Protocol Number	War Department Offerings		Offerings Made Available		Remarks
		Quantity	Tonnage	Quantity	Tonnage	
<u>Explosives (Cont'd)</u>						
Powder (Tons)	I 14	72,700	75,300	40,734	40,734	
Total			<u>1,089,658</u>		<u>428,229</u>	
<u>Signal Equipment</u>						
Radio Stations More Than 1 KW	1 20a	1	-	-	-	
Radio Trans. & Rec. Station 50 KW		20	-	-	-	
Radio Trans. & Rec. Station 10-15 KW		39	-	-	-	
Radio Trans. & Rec. Station 2-3 KW		1	-	-	-	
RCA - ET 4331		<u>61</u>	<u>910</u>	<u>10</u>	<u>81</u>	
Radio Stations Less Than 1 KW	I 20b					
Radio Set SCR-299, 399		1,000	-	442	1,893	
Radio Set SCR-284		4,500	-	2,259	549	
Radio Set #19		2,300	-	3,304	344	
Radio Set Pilot V-100		<u>4,000</u>	-	<u>860</u>	<u>105</u>	
		<u>11,800</u>	<u>11,850</u>	<u>6,865</u>	<u>2,891</u>	
Radio Receivers	1 20c					
RCA Type AR-88		620	-	-	-	
National Type HRO-MX		70	-	-	-	
National Type HRO		230	-	-	-	
Federal Type 128-A		200	-	-	-	
Hallierafter SX28		180	-	-	-	
National Type NC-200		490	-	-	-	
Hallierafter S-29		230	-	-	-	
RME-43		10	-	-	-	
Bendix 2A-12B		200	-	-	-	
Bendix Receivers		<u>2,430</u>	<u>160</u>	<u>818</u>	<u>48</u>	

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Tab A1 - 4 of 6

<u>Item</u>	<u>Protocol Number</u>	<u>War Department Offerings Quantity</u>	<u>Tonnage</u>	<u>Offerings Made Available Quantity</u>	<u>Tonnage</u>
<u>Signal Equipment (Cont'd)</u>					
<u>Radio Beacons</u>	I 26				
SCR-177B		200	-	101	104
Radio Transmitter Wilcox 96-200A (2½ KW)		3	-	-	-
Radio Transmitter Wilcox FT-300 (3 KW)		10	-	-	-
Radio Transmitter Pan American Airways		10	-	-	-
Radio Range Beacons		12			
		235	1,222	101	104
<u>Radio Direction Finding Set</u>					
Radio Set SCR-551 (w/SCR-159) (w/SCR-211)		160	830	60	212
Radio Tubes	I 23	2,400,000	520	805,497	77
Measuring & Test Equipment and Radio Parts	I 28	\$3,000,000	350	\$595,134	201
Field Telephones	I 11	100,000	60	54,064	493
Wire Field Telephone (Miles)	I 12	186,000	7,720	141,042(a) 79,382*	5,781 3,513
Field Battery Charging Station (1½ KW)	I 24	4,000	1,260	-	-
Total			24,882		13,401
<u>Chemicals (Tons)</u>					
Phenol	II 36	12,000	12,960	1,662	1,662
Ethylene Glycol	II 38	3,360	3,700	1,000	1,000
Methanol	II 45	6,720	7,700	-	-

\* Revised figure - Adjusted by  
Signal Corps.

(a) Available as of 6/30/43

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Tab A1 - 5 of 6

<u>Item</u>	<u>Protocol Number</u>	<u>War Department Offerings Quantity</u>	<u>Tonnage</u>	<u>Offerings Made Available Quantity</u>	<u>Tonnage</u>	<u>Remarks</u>
<u>Chemicals (Cont'd)</u>						
Urotropine	II 46	6,720	7,600	2,318	2,318	
Glycerine	II 61a11	6,720	7,400	6,689	7,189	
Acetone	II 61a5	6,720	7,900	-	-	
Other Chemicals	II 61a	3,200	<u>3,200</u>	1,018	<u>1,018</u>	
Total			<u>50,460</u>		<u>13,187</u>	
<u>Quartermaster</u>						
Leather (Tons)	II 71	18,000	18,000	4,250(a) 2,738	4,250 2,738	
Army Boots (Prs.)	II 72	3,600,000	9,000	1,516,853	4,020	
Woolen Cloth (Yds.)	II 73a	18,000,000	16,300	4,792,760	5,098	
Cotton Cloth (Yds.)	II 73b	26,045,000*	7,280	1,045,000(a)	280	* Includes additional offer of 1,045,000 yards undelivered 6/30/43.
Parpaulin (Yds.)	-	3,000,000	2,300	175,286	175	
Webbing (Yds.)	II 75	12,000,000**	2,400	6,000,000(a) 4,298,665	1,200 400	** Includes 6,000,000 yards esti- mated undelivered as of 6/30/43.
Total			<u>55,280</u>		<u>18,161</u>	

(a) Available as of 6/30/43.

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Tab A1 - 6 of 6

<u>Item</u>	<u>Protocol Number</u>	<u>War Department Offerings Quantity</u>	<u>Offerings Tonnage</u>	<u>Offerings Made Available Quantity</u>	<u>Tonnage</u>	<u>Remarks</u>
<u>Medical</u>						
Medical Supplies	-	12,000,000	1,200	2,484,863	422	
<u>Transportation Equipment</u>						
Locomotives	-	700	131,600	154	16,321	
Flat Cars	-	10,000	150,000	1,397	32,714	
Total			281,600		49,035	
GRAND TOTAL			1,503,080		522,435	

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TAB A2

SECOND PROTOCOL ITEMS AVAILABLE BUT NOT EXPORTED AS OF 6/30/43  
(Not Included in Third Protocol Schedule)

<u>Item</u>	<u>Protocol Number</u>	<u>War Department Offerings</u>		<u>Offerings Made Available</u>		<u>Remarks</u>
		<u>Quantity</u>	<u>Tonnage</u>	<u>Quantity</u>	<u>Tonnage</u>	
<u>ORDNANCE</u>						
90mm AA Gun	I 3a	20	173	20	173	
105mm AA Gun	I 4a	1,100	2,970	1,100	2,970	
Field Repair Shop	I 34	949	<u>3,767</u>	949	<u>3,767</u>	
Total			<u>6,910</u>		<u>6,910</u>	
<u>CWS CHEMICALS - (Tons)</u>						
Potassium Nitrate	II 50	2,471*	2,471*	2,471*	2,471*	* Revised figure due to change in amount repossessed.
Potassium Sulfate	II 60	529*	529*	529*	529*	* Revised figure due to change in amount repossessed.
Ammonium Thiocyanate	II 51	1.7	1.7	1.7	1.7	
Resorcinol	II 53	30	30	30	30	
Strontium Oxalate	II 55	56	56	56	56	
Rhodamine	II 56	3.5	3.5	3.5	3.5	
Barium Peroxide	II 54	75	75	75	75	
Pyrocatechin	II 61a	8.4	8.4	8.4	8.4	
Trichlorethylene	II 61a	139.8	139.8	139.8	139.8	

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Tab A2 - 2 of 5

<u>Item</u>	<u>Protocol Number</u>	<u>War Department Quantity</u>	<u>Offerings Tonnage</u>	<u>Offerings Made Available Quantity</u>	<u>Tonnage</u>	<u>Remarks</u>
<u>CWS CHEMICALS - (Tons) (Cont'd)</u>						
White Phosphorus	II 40	518	518	518	518	
Paraphentidin	II 61a	36.2	36.2	36.2	36.2	
Bakelite Lacquer	II 61a	5.6	5.6	5.6	5.6	
Black Lacquer	II 61a	28	28	28	28	
Diphenylguanidine	II 61a	152.1	152.1	152.1	152.1	
Phenol	II 36	4,118.2	4,118.2	4,118.2	4,118.2	
Sodium Bromide	II 39	516	516	516	516	
Methanol	II 45	2,991.8	2,991.8	2,991.8	2,991.8	
Zelan	II 61a	16.8	16.8	16.8	16.8	
Neosone	II 61a	33.6	33.6	33.6	33.6	
Molybdic Acid	II 61a	17.2	17.2	17.2	17.2	
Ethylene Glycol	II 38	4,134	4,134	4,134	4,134	
Cerium Metal	II 58	9	9	9	9	
Tungstic Acid	II 61a	13.9	13.9	13.9	13.9	
Ethylene Dibromide	II 61a10	1,500	1,500	1,500	1,500	
Ethyl Cellulose	II 61a	5.6	5.6	5.6	5.6	
Magnesium Oxide	II 61a	5.6	5.6	5.6	5.6	

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Tab A2 - 3 of 5

<u>Item</u>	<u>Protocol Number</u>	<u>War Department Quantity</u>	<u>Offerings Tonnage</u>	<u>Offerings Made Available Quantity</u>	<u>Tonnage</u>	<u>Remarks</u>
<u>CNS CHEMICALS - (Tons) (Cont'd)</u>						
Thirium	II 57	23.5	23.5	23.5	23.5	
Benzyl Chloride	II 61a	5.6	5.6	5.6	5.6	
Benzoldehyde	II 61a	2.9	2.9	2.9	2.9	
N-methylaniline	II 61a	6.8	6.8	6.8	6.8	
Ethyl Alcohol Denatured	II 38a	236.6	236.6	236.6	236.6	
Paranitrochlorobenzol	II 61a	129.9	129.9	129.9	129.9	
Vistanex	II 77	174.9	174.9	174.9	174.9	
Acetone	II 61a5	1,249.8	1,249.8	1,249.8	1,249.8	
Diethylene Glycol	II 61a17	368	368	368	368	
Potassium Bromide	II 61a	22.3	22.3	22.3	22.3	
Hydroquinine	II 61a	22.4	22.4	22.4	22.4	
Caustic Soda	II 61a3	4,077	<u>4,077</u>	4,077	<u>4,077</u>	
Total			<u>23,735.7</u>		<u>23,735.7</u>	

ORDNANCE CHEMICALS

Dibutylphthalate	II 41	1,377	1,377	1,377	1,377	
Ethyl Centralite	II 52	162	162	162	162	

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Tab A2 - 4 of 5

<u>Item</u>	<u>Protocol Number</u>	<u>War Department Quantity</u>	<u>Offerings Tonnage</u>	<u>Offerings Made Available Quantity</u>	<u>Tonnage</u>	<u>Remarks</u>
<u>ORDNANCE CHEMICALS (Cont'd)</u>						
Kelloxylene	II 44	600	600	600	600	
Powder	I 14a	8,825	8,825	8,825	8,825	
Toluol	I 13a	6,527	6,527	6,527	6,527	
TVT	I 13b	23,493	23,493	23,493	23,493	
Glycerine	II 61all	2,498	<u>2,498</u>	2,498	<u>2,498</u>	
Total			<u>43,482</u>		<u>43,482</u>	
<u>QUARTERMASTER</u>						
Army Boots (pra.)	II 72	137,468	343	137,468	343	
<u>SIGNAL</u>						
Field Telephone (Ea.)	I 11	42,249	253	42,249	253	
Radio Set SCR-2B4		600	1	600	1	
Radio Set SCR-299		25	146	25	146	
Radio Set SCR-177B		50	37	50	37	
Radio Set SCR-610		120	17	120	17	
Radio Set #19		112	12	112	12	

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Tab A2 - 5 of 5

<u>Item</u>	<u>Protocol Number</u>	<u>War Department Offerings Quantity      Tonnage</u>	<u>Offerings Made Available Quantity      Tonnage</u>	<u>Remarks</u>
<u>SIGNAL (Cont'd)</u>				
Radio Station 10-15 KW		4                      260	4                      260	
Hammarlund Receivers		14 <u>1</u>	14 <u>1</u>	
	Total		<u>727</u> <u>727</u>	
<u>MEDICAL</u>				
Medical Supplies		\$2,077,536                      865	\$2,077,536                      865	
	GRAND TOTAL		76,062.7                      76,062.7	

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TAB A3

## ASSIGNED NON-PROTOCOL ITEMS

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43		Subsequent to 6/30/43		
			Quantity	Tonnage	Quantity	Tonnage	
<u>ORDNANCE</u>							
<u>Materiel</u>							
Gun, 40mm AA	2,775	1,247	300	135	2,181	980	
Gun, 90mm AA	120	1,036	-	-	80	692	
Gun, 3" AT SP	50	363	-	-	50	363	
Gun, 57mm AT SP	675	5,062	-	-	279	3,111	
Gun, Machine cal. .50 AA W/C	1,800	84	-	-	1,100	52	
Carriage Motor, 76mm Gun T 70 w/armament	5	95	-	-	-	-	
Universal Carriers	12	6	12	6	-	-	
Binoculars 6x30 M.1 Reticle	5,000	12	-	-	5,074	11	
Watch Stop Type B M1	94	-	22	-	-	-	
Skid Chains (Sets)	31,000	12	7,000	2	7,950	3	
Spark Plugs	395,000	24	-	-	-	-	
Spare Parts (Lots)	50	1,700	50	1,700	-	-	
Brush Bores for Guns	700	3	700	3	-	-	
Battery Charging Units	200	38	-	-	-	-	
Pistol, Auto. cal. .45 M1911A1	500	1	-	-	500	1	

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Tab A3 - 2 of 6

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43		Subsequent to 6/30/43		
			Quantity	Tonnage	Quantity	Tonnage	
<u>ORDNANCE</u>							
<u>Ammunition</u>							
Cart., AP cal. .30 (Unit 1000)	65,019	2,502	30,119	1,159	30,000	1,155	
Cart., Tracer cal. .30 (Unit 1000)	12,700	469	3,700	137	9,000	333	
Cart., Ball cal. .45 (Unit 1000)	168,393	4,547	44,000	1,188	116,892	3,216	
Cart., AP cal. .50 M1 w/Links (Unit 1000)	58,005.5	9,368	17,000	2,746	43,994	7,105	
Cart., Tracer cal. .50 w/Links (Unit 1000)	17,052.1	2,711	6,998	1,112	11,901	1,892	
Link Metallic Belt cal. .30 (Unit 1000)	122,810	736	27,200	160	70,500	423	
Cart., cal. .30 M2, Short Tracer (Unit 1000)	10,860	401	3,000	111	6,400	236	
Cart., cal. .30 Incend. AC (Unit 1000)	108,126	3,892	62,686	2,256	42,000	1,512	
Cart., cal. .50 Incend. AC (Unit 1000)	95,259	14,717	32,900	5,083	62,359	9,634	
Cart., 20mm AP (Unit 1000)	950	356	350	131	600	225	
Cart., 20mm HE (Unit 1000)	1,850	693	300	112	1,401	526	
Shell, Fixed HE M54, 37mm AC (rds.)	1,548,960	2,255	293,885	428	1,255,075	1,827	
Shot, Fixed APC M51 or AP M74, 37mm T & AT	242,561	598	90,000	221	-	-	

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Offerings Made Available  
As of 6/30/43 Subsequent to 6/30/43

Item	War Department Offerings		Offerings Made Available			
	Quantity	Tonnage	Quantity	Tonnage	Quantity	Tonnage
<u>Ammunition (Cont'd)</u>						
Shot, Fixed AP, M80, 37mm AC	620,250	973	-	-	420,500	659
Shell, HE Mk I & II, 40mm AA	2,212,458	7,433	322,458	1,083	1,890,000	6,350
Shot, AP, M81, 40mm AA	183,492	617	63,492	213	120,000	403
Shell, HE, M71, 90mm AA	130,400	3,847	14,400	425	179,440	5,293
Proj. APC M82 or AP M77, 90mm AA	8,000	236	-	-	8,000	236
Shell, HE s/c M48, 75mm Gun	645,069	9,031	142,269	1,991	502,800	7,039
Shell, HE n/c M48, 75mm Gun	9,100	127	9,100	127	-	-
Proj. APC, M61 or AP M72, 75mm Gun	450,100	6,076	-	-	450,100	6,076
Shell, HE, M48, 75mm AC	4,200	57	-	-	4,204	57
Shell, HE, M42, 3" T & AT	25,000	475	-	-	25,000	475
Shot, Fixed AP, 3" AA	25,000	488	-	-	25,000	488
Shot, APC, M86 & AP M70, 57mm T & AT (6 Pdr.)	610,000	7,320	-	-	510,000	5,998
Rocket AT 2.36" M6	20,920	73	20,920	73	-	-
Rocket AT 2.36" M7, Practice	1,605	5	1,000	3	605	2
Shot, APC, M59 & AP M74, 37mm AA Gun	25,000	35	-	-	25,000	35
Proj., APC, M62 w/Tracer, 76mm AT Gun M1	5,000	98	-	-	5,000	98
Shell, HE, M42A1, 76mm AT Gun, M1	2,500	11	-	-	2,500	11
Total		<u>89,832</u>		<u>20,605</u>		<u>66,515</u>

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Tab A3 - 4 of 6

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43		Subsequent to 6/30/43		
			Quantity	Tonnage	Quantity	Tonnage	
<u>ENGINEERS</u>							
Compass, Lensatic	750	1	-	-	750	1	
Cord, Detonating (100' Spools)	42,418	51	20,616	25	18,383	22	
Searchlight 60" AA	138	1,380	46	460	84	225	
Writers, Wire	115,000	367	10,000	31	60,000	195	
Dynamo Blasting Machine	50	1	50	1	-	-	
Fuze, Clover Brand (Pt.)	61,866,163	517	8,016,000	67	20,034,600	170	
Graders	82	315	16	102	6	30	
Road Rollers - 10 Ton	5	57	5	57	-	-	
Level, Engineers Complete W/Access.	100	2	-	-	25	1	
Mat, Landing, Pierced Plank Type (Sq. Ft.)	3,294,000	8,283	-	-	3,294,750	8,486	
Tape, Measuring Steel	300	1	-	-	300	1	
Bloway, Military Portable	15	600	-	-	-	-	
Cleaning Fluid F/Searchlight (Pt.)	424	1	-	-	424	1	
Compressor	1	177	-	-	-	-	
Fire Extinguishers	100	3	-	-	100	3	
Fiber Sheets, Vulcanized (Lbs.)	86,231	51	-	-	86,231	51	
Generating Plant	1	195	-	-	-	-	
Snow Plows Complete W/Access.	9	71	-	-	-	-	

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Tab A3 - 5 of 6

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43		Subsequent to 6/30/43		
			Quantity	Tonnage	Quantity	Tonnage	
<u>ENGINEERS (Cont'd)</u>							
Wire Conductor, Rubber Covered 500' Coil	9	71	-	-	-	-	
Wire, Annunciator, 200' Rolls	125	1	-	-	125	1	
Cylinders, Oxygen	840	52	-	-	-	-	
Pipe Lines, Portable, Military Complete w/Valves & Fittings	2	17,360	-	-	-	-	
Crane or Shovel, Class III, Crawler Mtd. 3/4 cu. yd. 7-10 Ton	38	769	-	-	-	-	
Crane, Class II, Rubber Tire Mtd. 8-12 Ton	26	585	-	-	-	-	
Total		<u>30,911</u>		<u>743</u>		<u>9,185</u>	
<u>QUARTERMASTER - CLOTHING &amp; EQUIPAGE</u>							
Drawers, Wool	818,522	358	540,460	236	-	-	
Undershirts, Wool	707,730	308	637,787	278	-	-	
Jumper, Work Denim	196,000	120	196,000	120	-	-	
Trouser, Work Denim	300,000	185	299,897	184	-	-	
Boots, Rubber	8,000	27	-	-	8,000	27	
Bags, Barracks	2,675	1	-	-	75	-	
Canteen Cups	5,000	2	-	-	-	-	
Shovels, Entrenching	2,500	25	-	-	-	-	
Belts, Pistol	100,000	36	-	-	100,000	36	
Total		<u>1,062</u>		<u>818</u>		<u>63</u>	

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Tab A3 - 6 of 6

Item	War Department Offerings		Offerings Made Available		As of 6/30/43		Subsequent to 6/30/43		Remarks
	Quantity	Tonnage	Quantity	Tonnage	Quantity	Tonnage	Quantity	Tonnage	
<u>CHEMICAL WARFARE SERVICE</u>									
Pot, Smoke (HC)	650,000	5,525	-	-	149,718	1,273			
Pot, Smoke, Floating, HC, M4	95,000	2,138	-	-	-	-			
Total		7,663				1,273			
<u>SIGNAL</u>									
Camera PH 330-6	10	.5	2	-	4	-			
Radio Set SCR-245	61	15	61	15	-	-			
Radio Set SCR-268	25	898	20	719	5	179			
Facsimile Equipment RC-120	10	1	-	-	-	-			
National HRO Receiver	28	1	28	1	-	-			
Telephone Cable Equipment WC 369 (Ft.)	5,000	.5	-	-	5,000	.5			
Film Dupont Type 228 (Ft.)	131,240	129	-	-	-	-			
Interphone Equipment RC-63	122	1	-	-	122	1			
Ink Recorder, BC-1016	40	3	-	-	25	2			
Power Unit PE-95	24	41	-	-	-	-			
Tool Equipment TE-41	25	-	-	-	-	-			
Tool Equipment TE-46	6	-	-	-	-	-			
Tool Equipment TE-48	147	3	-	-	-	-			
Total		1,093		735		182.5			
<u>TRANSPORTATION EQUIPMENT</u>									
Loading Beams	4	7	-	-	4	7			
GRAND TOTAL		130,568		22,901		77,225.5			

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TAB A4

## REQUISITIONED NON-PROTOCOL ITEMS

<u>Item</u>	War Department Offerings		Offerings Made Available				<u>Remarks</u>
	<u>Quantity</u>	<u>Tonnage</u>	As of 6/30/43	<u>Quantity</u>	<u>Tonnage</u>	Subsequent to 6/30/43	
						<u>Quantity</u>	<u>Tonnage</u>
<u>ORDNANCE</u>							
Spare Parts for Trucks (Lots)	21	-*	-	-*	-	-	-*
Chrysler Tank Gas Engine 5 Line W.G.	5	-	-	-	-	-	-
Twin G.M. Diesel Engine W/Spares and Accessories	5	-	-	-	-	-	-
S/P for 2nd Year Maintenance F/330 Light Tanks M3	629,588	-	629,588	-	-	-	-
S/P for 2nd Year Maintenance F/150 Medium Tanks M4	20,246	-	20,246	-	-	-	-
S/P for Light and Medium Tanks	6,079	-	6,079	-	-	-	-
Switches F/Tank Turrets	400	-	280	-	-	-	-
Turrets F/Light Tanks	35	-	30	-	-	-	-
Shut off Valve for Tanks	240	-	-	-	-	-	-
S/P for 11,000 $\frac{1}{2}$ Ton 4x4 Willys (Lots)	110	-	-	-	-	-	-

\* Tonnage figures on spare parts and tank components not available.

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Tab A4 - 2 of 8

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	Tonnage	Subsequent to 6/30/43 Quantity	Tonnage	
<u>ORDNANCE (Cont'd)</u>							
Electrical Equipment F/Trucks (Set)	600	-	-	-	-	-	
Diesel Engine G.M. (Ea.)	1,500	-	479	-	491	-	
S/P for Dodge Engine (Lots)	20	-	-	-	-	-	
Equipment F/Maintenance of Trucks (Items)	119	-	-	-	-	-	
Felt Warming Cases F/Batteries (Feet)	25,000	-	-	-	-	-	
Gaskets, Cover and Oil Filter Cartridge	38,500	-	-	-	-	-	
Gears F/Diesel Engine	2	-	-	-	-	-	
Kits, Tool (Sets)	5,000	-	-	-	-	-	
Kits Repair, Emergency (Ea.)	1,910	-	-	-	-	-	
Piston Rings (Sets)	120	-	-	-	50	-	
<u>EXPLOSIVES</u>							
Ammonite (L.T.)	8,633	9,497	3,174	3,492	5,459	6,005	
Ammonite Antigrahitive (L.T.)	300	330	-	-	300	330	
Engineers Non-Electric Blasting Caps	11,795,000	71	1,935,000	12	9,860,000	59	

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Tab A4 - 3 of 8

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	Tonnage	Subsequent to 6/30/43 Quantity	Tonnage	
<u>EXPLOSIVES (Cont'd)</u>							
Detonators	1,010,000	5	306,000	2	704,000	3	
Total		<u>2,903</u>		<u>3,506</u>		<u>6,397</u>	
<u>ENGINEERS</u>							
Horizontal Triplex Pumps	2	125	2	125	-	-	
Gar Wood Scrapers	40	410	40	410	-	-	
Graders	12	81	12	81	-	-	
Gar Wood Trailbuilders	9	29	-	-	9	29	
Earth Drills and Pole Setting Machine	22	371	-	-	22	371	
Road Rollers	6	40	-	-	6	40	
Sidebooms	16	119	-	-	16	119	
Cranes	28	277	-	-	-	-	
Outboard Motors	170	17	70	6	100	11	
Metallic Mirrors F/60" Searchlight	150	37	-	-	150	37	
Leather Driving Belts	10,000	6	10,000	6	-	-	
Fibre and Fibre Tube	38.5	51	38.5	51	-	-	

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Tab A4 - 4 of 8

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43	Quantity	Tonnage	Subsequent to 6/30/43	
			Quantity			Quantity	Tonnage
<u>ENGINEERS (Cont'd)</u>							
Fire Hose (Ft.)	180,000	176	180,000	176	-	-	
Total		1,739		855		607	
<u>QUARTERMASTER - CLOTHING AND EQUIPAGE</u>							
Leather Belts	2,101,291	516	101,291	25	365,300	91	
Leather Transmission Belting (Meters)	250	1	250	1	-	-	
Woolen Blankets (Ea.)	743,591	1,461	734,510	1,443	5,661	11	
Rubber Boots (Pr.)	8,000	1	-	-	-	-	
Ski Boots & Ski Bindings (Pr.)	166,238	718	66,238	227	7,372	36	
Buckles, Hooks & Eyes (Doz.)	6,941,833	12	2,102,240	2	2,558,233	4	
Twill (Yd.)	1,170	-	-	-	-	-	
Twill in Khaki (Yd.)	13,575,064	3,557	8,931,065	2,302	3,247,038	925	
Elastique Cloth (Yd.)	850,000	560	-	-	124,963	84	
Canton Flannel (Yd.)	6,627,837	8,527	2,111,961	2,717	4,176,182	5,470	
Flannelette (Yd.)	13,628,525	1,869	11,834,315	1,638	1,689,171	217	
Muslin, Bleached (Yd.)	11,616,343	1,882	9,596,274	1,555	1,947,453	315	
Muslin, Unbleached (Yd.)	5,963,557	966	5,511,669	893	458,749	74	

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Tab A4 - 5 of 8

Item		War Department Offerings		Offerings Made Available				Remarks
		Quantity	Tonnage	As of 6/30/43 Quantity	Tonnage	Subsequent to 6/30/43 Quantity	Tonnage	
<u>QUARTERMASTER - CLOTHING AND EQUIPAGE (Cont'd)</u>								
Sheetings	(Yd.)	9,774,853	1,824	6,056,447	1,130	3,480,666	661	
Ticking	(Yd.)	9,809,615	2,891	6,864,406	2,022	2,468,733	727	
Pillow Ticking	(Yd.)	2,000,000	589	437,373	129	1,457,839	437	
Toweling	(Yd.)	11,132,464	3,007	10,806,648	2,919	303,202	82	
Parachute Webbing	(Yd.)	8,000,000	785	1,250,000	123	5,271,726	527	
Oileskin Material	(Yd.)	1,000,000	393	124,041	49	645,814	258	
Shoe Eyelets	(Gross)	4,367,667	2,358	1,246,833	674	2,000,000	1,080	
Rubber Heels	(Pr.)	701,594	379	298,406	162	618,524	340	
Leather Jackets	(Ea.)	73,850	428	48,200	279	19,900	117	
Arctic Suits	(Ea.)	136,235	823	36,235	219	100,025	604	
Work Suits	(Ea.)	300,000	471	188,801	297	103,590*	166	* Revised figure.
Cotton Underwear	(Pcs.)	2,000,000	1,100	1,499,887	772	507,174	391	
Alpaca Cloth	(Yd.)	834,539	1,160	334,539	460	-	-	
Blue Denim	(Yd.)	5,887,735	1,562	5,881,327	1,560	6,408	2	
Duck Cloth	(Unit 295 #)	2,695	390	2,695	390	-	-	
Lining Cloth	(Yd.)	10,879	2	10,858	2	-	-	

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Tab A4 - 6 of 8

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	Tonnage	Subsequent to 6/30/43 Quantity	Tonnage	
<u>QUARTERMASTER - CLOTHING AND EQUIPAGE (Cont'd)</u>							
Grayfall Moleskin (Yd.)	2,209,885	716	2,209,885	716	-	-	
Carrier Outfit, Belt W/Mag. Case	250,000	110	55,458	24	188,397	83	
Hypoid Gear Oil (L.T.)	243	268	243	268	-	-	
Tuebrach's Extract (L.T.)	14	16	-	-	14	16	
Shoe Tacks (L.T.)	216	252	26	29	150	168	
Sewing Thread (Spools)	47,000,000	1,085	731,100	16	14,981,812	345	
Shoe Thread (L.T.)	250	276	24	26	144	158	
Shoe Yarn (L.T.)	200	220	13	14	105	116	
Electrolyte (Lbs.)	164,035	81	164,035	81	-	-	
Alcohol (Lbs.)	447,024	219	447,024	219	-	-	
Brake Fluid (Lbs.)	28,934	14	28,934	14	-	-	
Typewriters (Ea.)	51	1	51	1	-	-	
Clippers, Hand (Pr.)	50,000	15	-	-	-	-	
Total		<u>41,505</u>		<u>23,398</u>		<u>13,505</u>	
<u>SIGNAL</u>							
High Frequency Cables (Meters)	2,000	1	2,000	1	-	-	

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Tab A4 - 7 of 8

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	As of 6/30/43 Tonnage	Subsequent to 6/30/43 Quantity	Subsequent to 6/30/43 Tonnage	
<u>SIGNAL (Cont'd)</u>							
Flashlights W/Spare Lamps and Lenses	100,000	79	55,000	43	45,000	36	
Microphones T-17 W/Accessories and Spares	30,000	20	12,000	8	18,000	12	
Microphones, Throat Type	40,000	22	-	-	19,800	11	
Mountings, Form Plate Square	13,315	1	13,315	1	-	-	
Potentiometer	1,500	1	1,500	1	-	-	
Auxiliary and Spare Equipment	17,806	4	9,503	2	-	-	
Batteries BA-43	5,000	15	-	-	5,000	15	
Leaded Insulated Cable (Ft.)	7,000	4	-	-	6,976	4	
Capacitors	17,745	1	1,200	-	9,222	-	
Carbonal Iron F/High Frequency Radio (L.T.)	3	4	-	-	3	4	
Kits, Fighting Obstruction Pole	20	1	-	-	20	1	
Plants, Electric Gas Type BLA-6	100	6	-	-	50	3	
Spare Parts for SCR-299	5,975	6	50	-	4,755	5	
S/P and Equipment F/Radio Station 50 KW	24,070	243	2,800	26	1,230	42	

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Tab A4 - 8 of 8

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	Tonnage	Subsequent to 6/30/43 Quantity	Tonnage	
<u>SIGNAL (Cont'd)</u>							
Telephone Trans. and Rec. F/Headsets	125,000	<u>12</u>	65,000	<u>6</u>	60,000	<u>6</u>	
Total		<u>420</u>		<u>88</u>		<u>139</u>	
<u>CHEMICAL WARFARE</u>							
Strontium Oxalate (Lbs.)	128,050	64	112,050	56	16,000	8	
White Phosphorus (Lbs.)	3,985,203	1,993	1,429,518*	715*	50,154	25	* Revised figure due to repossession of 653 tons.
Ethylene Chlorohydrin (Lbs.)	400,000	200	-	-	239,760	120	
Ammonium Bromide (Lbs.)	11,200	6	-	-	11,200	6	
Potassium Permanganate (Lbs.)	224,000	112	-	-	67,200	33	
Diphenylguanidine (Lbs.)	448,000	<u>224</u>	-	<u>-</u>	20,000	<u>10</u>	
Total		<u>2,599</u>		<u>771</u>		<u>202</u>	
GRAND TOTAL		56,166		28,618		20,850	

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SUMMARY OF TABULATION "B"

The attached tabulation reflects the status of factory deliveries and export of aircraft on the Third Protocol. The total Protocol Commitment for the first five months has been met by delivery at the factory.

Deliveries of planes for United Kingdom Protocol Commitment are also shown.

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## STATUS OF AIRCRAFT ON THE THIRD RUSSIAN PROTOCOL AS OF 30 NOVEMBER 1943

<u>Type</u>	<u>Protocol Requirement to Date</u>	<u>Available at Factory</u>	<u>Departed from U.S.A.</u>				<u>Still in U.S.A.</u>
			<u>By Air</u>	<u>By Water</u>	<u>Persian Gulf</u>	<u>Murmanski</u>	
			<u>North</u>	<u>South</u>			
<u>U. S. Account</u>							
Medium Bombers B-25	125	150	118				32 (a)
Light Bombers A-20	500	501	319	157			25 (b)
Fighters P-40	500	500			300	130	70
P-39	500	568	292		199		77
P-47	3	3	3				0
Transports C-47	<u>100</u>	<u>107</u>	<u>72</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>35 (a)</u>
Total U. S. Account	1,728	1,829	804	157	499	130	239
 <u>U. K. Account</u>							
Fighters	750	668	572				96

Note: (a) Enroute to or at point of departure.

(b) Enroute to or at point of departure 22 - damaged 3.

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SUMMARY OF TABULATION "C"

This tab presents an analysis of the flow  
of selected items of supplies through the Persian  
Area to U.S.S.R.

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## STATUS OF PROJECTS IN PERSIAN AREA AS OF 27 NOVEMBER 1943

	<u>Number Received in Persian Gulf to Date</u>	<u>Number Delivered to U.S.S.R. to Date</u>			
Trucks	68,480	61,847			
Airplanes:					
A-20	1,107	1,042			
B-25	125	125			
P-40	838	522			
P-39	1,169	1,074			
AT-6	21	19			
Total	<u>3,260</u>	<u>2,782</u>			
	<u>By Rail at Teheran</u>	<u>By U.S. Trucks</u>	<u>By U.S.S.R. Trucks</u>	<u>By U.K. Trucks</u>	<u>Total</u>
Long tons delivered to U.S.S.R. from 24 October to 27 November 1943.	132,526	33,007	44,953	19,462	229,948

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*Russia*

WAR SHIPPING ADMINISTRATION

L. W. DOUGLAS

~~XXXXXXXXXXXX~~

~~XXXXXXXXXX~~

Mena House,  
Cairo, Egypt.

26 November, 1943.

Memorandum for The President.

In accordance with your suggestion, I am submitting this brief summary of the status of the movement of supplies and materials to U.S.S.R. under the terms of the Third Protocol. A more complete statement is attached.

THIRD PROTOCOL TARGET VS. PERFORMANCE  
(Thousands of long tons of cargo lifted)

I July 1 - October 31, 1943.

	<u>Protocol</u>	<u>Actual</u>	<u>% of Protocol</u>	<u>No. of sailings</u>
Via Atlantic	714.4	761.4	107	103
Via Pacific	<u>804.0</u>	<u>996.7</u>	<u>124</u>	<u>162</u>
Total	1,518.4	1,758.1	116	265

II Estimated for November and December, 1943.

	<u>Protocol</u>	<u>Estimated</u>	<u>% of Protocol</u>	<u>No. of sailings</u>
Via Atlantic	357.2	730.5	204	96
Via Pacific	<u>402.0</u>	<u>421.0</u>	<u>105</u>	<u>58</u>
Total	759.2	1,151.5	152	154

III Actual and Estimated, July 1 - December 31, 1943.

	<u>Protocol</u>	<u>Actual and Estimated</u>	<u>% of Protocol</u>	<u>No. of sailings</u>
Via Atlantic	1,071.6	1,491.9	139	199
Via Pacific	<u>1,206.0</u>	<u>1,417.7</u>	<u>117</u>	<u>220</u>
Total	2,277.6	2,909.6	128	419

*L. W. Douglas*

C O P Y

November 13, 1943

MEMORANDUM

To: Mr. Lewis W. Douglas

Subject: Status of Shipments to U.S.S.R. Under the Third Protocol

I. Summary of Sailings

Because of the high level of shipments on the Pacific in August and September, and of the large shipments via the Atlantic routes in October, liftings under the Third Protocol are now on a cumulative basis well ahead of the target. Shipments and sailings have been as follows:

Month	Long Tons Target	USSR Cargo Sailed	Per Cent of Target	No. of Ships <u>1/</u>
<b>A. Via Atlantic Routes</b>				
July	178.6	126.2	71	17
August	178.6	177.2	99	24
September	178.6	197.9	111	27
October	<u>178.6</u>	<u>260.1</u>	146	<u>35</u>
Total to Oct. 31	714.4	761.4	107	103
November (Projected)	178.6	343.5	192	452/
December (Projected)	<u>178.6</u>	<u>387.0</u>	216	<u>513/</u>
Total to Dec. 31	1,071.6	1,491.9	139	199
<b>B. Via Pacific Routes<sup>4/</sup></b>				
July	201.0	209.9	104	40
August	201.0	293.3	146	45
September	201.0	312.9	156	50
October	<u>201.0</u>	<u>180.6</u>	90	<u>27</u>
Total to Oct. 31	804.0	996.7	124	162
November (Projected)	201.0	201.0	100	28
December (Projected)	<u>201.0</u>	<u>220.0</u>	110	<u>30</u>
Total to Dec. 31	1,206.0	1,417.7	117	220
<b>C. Total</b>				
July	379.6	336.1	89	57
August	379.6	470.5	124	69
September	379.6	510.8	135	77
October	<u>379.6</u>	<u>440.7</u>	116	<u>62</u>
Total to Oct. 31	1,518.4	1,758.1	116	265
November (Projected)	379.6	544.5	144	73
December (Projected)	<u>379.6</u>	<u>607.0</u>	160	<u>81</u>
Total to Dec. 31	2,277.6	2,909.6	128	419

Of the total of 1,758,100 long tons lifted up to October 31, 161,000 long tons consisted of bulk cargo lifted in tankers on the Pacific route.

In addition to the foregoing there have been during the period from July through October 12 sailings of Persian Gulf Service Command ships carrying supplies to the Persian Gulf. There has also been one sailing from Karachi carrying steel previously stockpiled there, and a second is planned.

## II. The Persian Gulf Route

The policy of the United States Government for over a year has been to use the Persian Gulf route to the limit of the capacity available to it for the movement of supplies to Russia. There is no doubt that the shipments, primarily from the United States, but also to some extent from the United Kingdom, Africa, and India have kept the route full to date.

At the present time it is clear that the route is capable of carrying comfortably approximately 200 thousand long tons of cargo monthly from the U. S. A. in addition to the usual shipments from other areas. The effects of the extensive capital improvements and of the increased efficiency of operation brought about by the P.G.S.C. are now being strongly felt. There are now available a total of 15 berths, of which seven are at Khorramshahr, five at Bandar Shapur, and three at Basra. There are also 10 buoy anchorages. The capacity to discharge U.S.S.R. and P.G.S.C. cargo has risen from about 150 thousand long tons in June to well in excess of 220 thousand long tons monthly, and now exceeds the rate of ship arrivals. The former chronic congestion has disappeared and it is now rare for ships to have to await discharge for any significant length of time. The inland clearance of cargo to the U.S.S.R. has likewise risen from about 146 thousand long tons in June to the planned full load level of approximately 216 thousand long tons. The former substantial dumps along the American portion of the route have been largely removed. The route is therefore now able to carry to Russia its programmed quota of about 216 thousand long tons monthly with satisfactory efficiency and without producing wastage of ship time. We therefore expect to continue Russian aid shipments at the rate of 25 vessels monthly carrying about 200 thousand long tons, which tonnage, together with that from other areas, should keep the route operating at its planned maximum capacity.

The great majority of the ships sailing to the Persian Gulf now proceed through the Mediterranean, on which route the voyage time is approximately 44 days for Liberty ships compared with about 84 days on the South



Pacific route previously used. Although a number of the convoys in the Mediterranean have been attacked, only two ships sailing since July 1 have been sunk as a result of enemy action.

### III. The Route to Murmansk and the White Sea

After having been closed since February 15, when the last convoy sailed from the United Kingdom, the route to Murmansk and the White Sea has again been opened up, largely as a result of the more favorable naval position of the Allies in the European area. Four convoys of 35 ships each are now planned. The sailing dates from the United Kingdom and the expected W.S.A. contributions to each convoy are as follows:

Convoy	Section A	Section B	<u>W.S.A. Dry Cargo Ships</u>	
			Ex U.S.A.	Ex U.K.
JW-54	Nov. 14	Nov. 21	10	5
JW-55	Dec. 12	Dec. 19	18	0
JW-56	Jan. 9	Jan. 16	25	0
JW-57	Feb. 6	Feb. 13	15	0

These sailings will greatly assist the Aid-to-Russia program. The five ships sailing from the United Kingdom in JW-54, together with the B.M.W.T. ships, are expected to exhaust the remaining Russian priority cargo previously discharged in the United Kingdom because of the frustration of the spring convoys. The ships sailing from the United States in JW-55 expect to carry some 20 badly-needed locomotives and a number of railroad cars, all of which are stated to be in great demand in Russia. Ships sailing in JW-56 are expected to carry 40 locomotives. Each of the first two convoys will have a British tanker carrying alcohol on American account, and probably the same will be true of the last two convoys. All ships will carry a large amount of industrial equipment which would otherwise be immobilized because of the conditions affecting navigation on the Pacific. The American ships sailing in these convoys are better armed and outfitted than any previous ones and we have great hopes that they will make successful voyages. The Russians are said to be making extensive preparations to handle these ships in the long-inactive Northern ports.

Six of the eight United States ships immobilized in North Russia during the last eight months, together with a number of British ships, departed on November 1 in Convoy RA-54. The American ships are loaded with essential cargo for discharge in the United States.



#### IV. The Pacific Route

Shipments via the Pacific route have been at a satisfactorily high level so far, although in October because of the shortage of presenters they fell off considerably. The total to date is, however, considerably in excess of expectations, and barring serious interruption due to ice or to Japanese action, the route should continue to carry a large tonnage.

So far during the Third Protocol the Siberian coastal waters have been free of ice and therefore the ships have been able to follow routings entirely within Soviet territorial waters from a point in Kamchatka north of Petropavlovsk via the Sea of Okhotsk and Tartar Strait to Vladivostok. Most of the large ships in this route, including those formerly of American registry, have usually put in at Petropavlovsk, Nagaev, Nikolaevsk, or Port Rybnovsk to lighten up so that they could pass through the 21-foot deep Strait of Tartary. The large number of sailings during the late summer produced, however, serious congestion at these ports, which were ill-fitted for such heavy transshipment traffic. Furthermore, the cargoes so discharged all had to be carried on to Vladivostok by vessels allocated to this coastwise trade, some of which had to be withdrawn from the trans-Pacific route. This congestion made it impossible for the Russians to return to this country in October the usual number of vessels. The situation is, however, in process of correction, and satisfactory numbers of ships are now in U. S. ports, enroute eastward, and finishing discharge at Vladivostok. November and December sailings are expected to be about normal.

This route has been used by the Russians to carry large quantities of food and industrial supplies, many of which latter items are bulky and difficult to handle. Of particular significance to the Soviet Union has been the large-scale movement of power plants and heavy industrial machinery. Many of these items cannot be shipped by way of the Persian Gulf because of their bulk and weight. Such items can be shipped to Murmansk when that route is opened up but difficulties of navigation and the danger of enemy attack in port makes such an operation hazardous. The Pacific route therefore has a peculiar importance. Of particular importance to the U.S.S.R. is the planned movement of some 600 Russian-gauge locomotives by mid-summer of next year, in addition to a large amount of other railway rolling stock.

The transfers of ships to Russia under Lend-Lease have been a most important factor in building up this route. By July 1 the Bulk of the transfers, then amounting to 60 ships, had taken place. At the present time the number transferred totals 69, of which 29 are Liberty ships and 11 are tankers. Well over half of the tonnage lifted is being carried on these vessels.

The prospects for the winter now appear to be favorable. The Tartar Strait usually freezes in late November or early December and remains closed until early May, although during a portion of this time icebreakers may be able to keep it open. The coastal route will therefore eventually be closed by ice, and in addition the congestion at the outports makes it impossible for the larger ships to partially discharge. A fundamental change in the pattern of Russian shipping is therefore unavoidable.

It is now expected that many ex-American ships will be routed through the Strait of La Perouse, which are Japanese waters, carrying cargoes consisting primarily of food. Several ex-American ships have already passed through this Strait without difficulty, and the Russians are confident that the routing can be continued without interference by the Japanese. Old Soviet-owned ships are expected to be able to carry through the Strait industrial cargoes as well as food. The Strait normally freezes in late January but the Russians are confident that their icebreaker fleet, which will consist of three first-line icebreakers (including the powerful new one being turned over by the U. S. Coast Guard) and two smaller ones, can keep the Strait open all winter, or at least for a large portion of it. Although the turnaround of the ex-American ships proceeding directly to Vladivostok with food should be considerably less than heretofore as long as ice does not interfere, there will undoubtedly be some interruptions due to ice. It is therefore expected that the net result will be a reduction in the total quantity of cargo moved over this route during the winter months, and a shift in the emphasis toward foodstuffs. A serious reduction in the movement is, however, not expected.

V. Loading Soviet Aid Ships in the U.S.A.

As a result of the greatly expanded programs on both coasts, and of other demands, there has been great pressure on the American ports and rail facilities. It has therefore been necessary to give greater attention to the problems of calling forward cargo for loading in order to avoid either congestion or a shortage of cargo. The traffic has therefore been brought under an increasingly severe regulation on the part of all agencies concerned. The essential elements of sound programming have been shown to be a firm ship schedule, if possible 30 days in advance of berthing, prompt and firm cargo allocations, and the issuance of suitably-timed calling forward instructions to meet ship schedules.

The use of the Mediterranean route, and the growing stability of the Persian Gulf operation, have enabled W.S.A. to provide firm ship schedules sufficiently in advance. The notice received of the first Northern convoy was, however, short and consequently there was considerable difficulty in procuring cargo for these ships. The same situation has not prevailed with respect to the second convoy. Considerable progress is being made generally



in moving the large tonnage smoothly to shipside without either causing cargo to remain on the cars unduly long or causing ships to be short.

On the West Coast, because of the long rail haul from production centers, and of the lack of sufficient storage facilities at the ports, the situation has been very tight. Changes in Russian priorities due to the war have further aggravated the situation. The backlog of Russian cargo, although formerly larger, is still at a high level of from 230 thousand to 260 thousand tons. A further reduction would be desirable but it is recognized that a substantial portion of this cargo has a deferred priority and will be eventually lifted. On this route, on which distances are great and there is little flexibility, it has been found that very careful and firm programming of both ship and cargo movements is essential if serious congestion at the numerous bottlenecks is to be avoided. Considerable progress has been made along these lines by the Russian representatives, the Office of Defense Transportation, the port agencies, and the War Shipping Administration.

Footnotes:

- 1/ Allocated ships only: omits partial cargoes in other vessels, the tonnage of which is included under tonnage sailed.
- 2/ Consists of 19 ships for Murmansk and the White Sea carrying 140.7 thousand long tons (including 1 B.M.W.T. alcohol tanker), and 26 ships for the Persian Gulf carrying 202.8 thousand long tons.
- 3/ Consists of 26 ships for Murmansk and the White Sea carrying 192.0 thousand long tons (including 1 B.M.W.T. alcohol tanker), and 25 ships for the Persian Gulf carrying 195.0 thousand long tons.
- 4/ Sailings from Canadian ports are included.

A16/Russia

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November 16, 1943

SECRET SUMMARY FROM SECRETARY HULL  
FOR THE PRESIDENT

Moscow - Following is summary of text in translation of letter received from Molotov:

I consider it necessary to inform you for communication your government of certain recent German peace feelers in Stockholm. In October Soviet Mission Sweden received anonymous letter indicating willingness give Soviet Government information possibly leading to liquidation war 1943. Member staff mission met author of letter Edgar Klaus, a German businessman. He alleged that group German industrialists headed by unknown man named Kleist is in close touch Ribbentrop and group favoring conclusion separate peace with Russia. Representatives industrialists having failed previous attempt establish contact Soviet Mission had empowered Klaus make attempt. Klaus maintained that Germans would agree any Soviet demands including 1914 frontiers. He admitted German conviction that war lost and stated worsening morale German people and lack sufficient armed forces for further prosecution war. He asked whether he could assure persons sending him of possibility establishing contact and inquired whether Soviet representative wished meet Ribbentrop. On instructions from Mission approved by  
Soviet



Soviet Government Klaus was told that there could be absolutely no question of contact with Soviet representatives nor could there be further conversations

My with him. assistant:

Attached hereto is a tabulation showing the progress made during October, and during the four months ending November 30, towards fulfillment of Third Protocol materials and equipment production programs for the Union of Soviet Socialist Republics.

A noteworthy recent development has been increased, or accelerated, shipments of certain critical raw materials. To meet requirements resulting from expansion of Soviet war effort production, appreciable quantities of ferronickel, ferrochromium, and ferro-silicium, which previously were not included in the Lend Lease program, have been authorized. For the same purpose, arrangements have been made for advance shipment of 100,000 short tons of molten nickel. Because nickel is still in short supply in the United States and Canada, this shipment is being made from United Kingdom stocks. In the case of aluminum, information has been received that production of planes by the USSR can be increased in direct proportion to an increase in supplies of aluminum from the United States. It has been decided, therefore, to maintain through the first quarter of 1945 aluminum shipments at the rate of 5,750 short tons per month from the United States and Canada jointly. Despite the very large over-shipments authorized for the third and fourth quarters, 1943. By the end of March, more than 75,000 short tons of fabricated and ingot aluminum are scheduled to have been made available under the Third Protocol. This compares with a United States-Canadian commitment for that period of 40,000 S.T. In addition, 2,245 short tons of secondary aluminum have been supplied from United Kingdom stocks.

With reference to industrial equipment, the War Production Board is currently in process of attempting to schedule orders authorized, but not yet placed under the Third Protocol. As pointed out previously, in the case of a number of industrial equipment categories, the USSR delayed several months before presenting necessary requisitions. This has resulted in difficulties in arranging for completion of the orders in question before June 30, 1945. In some instances, notably pumps and cranes, it seems that these difficulties will be so great that it may not be possible to schedule production of the full quantities offered under the Protocol. A portion of several Third Protocol orders will consequently have to be cancelled or taken up with substitute equipment.



The War Production Board is also currently engaged in surveying production possibilities in regard to equipment programs which the USSR has requested for completion after June 30, 1944, i.e. during the Fourth Protocol period. It is felt that advance planning in the case of these programs is very important in that it makes possible working the programs into production lines, and thus enables their fulfillment without undue interference with urgent domestic programs. Such advance planning also insures that there will be no interruption in the flow of equipment to the USSR during the first part of the next Protocol period.

The stocks situation continues to improve. On the basis of Treasury and Ordnance data, stocks of both materials and industrial equipment held in warehouses and depots on USSR account declined during the past month. Particularly noteworthy is the fact that warehouse stocks of steel dropped from 271,000 tons at the end of September to 241,000 tons at the end of October. I am attaching a brief table showing in greater detail the stocks situation as of October 31.

Respectfully yours,

  
Donald M. Nelson

The President  
The White House  
Washington, D. C.

Attachments

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Disclosure Punishable Under Espionage Act



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Dissem. Restrictions: No Release

STOCKS HELD IN TREASURY AND ORDNANCE WAREHOUSES  
AND DEPOTS ON USSR ACCOUNT

(Short Tons)

<u>Item</u>	<u>As of June 30</u>	<u>As of Sept. 30</u>	<u>As of Oct. 31</u>
<u>I. Materials</u>			
Aluminum	274	337	601
Nickel	47	X	744
Molybdenum	0	0	X
Copper base alloys	17,588	9,490	8,599
Magnesium	154	154	0
Zinc	0	0	0
Copper Products	3,482	3,089	3,071
Ferro-Alloys	4,362	4,599	2,754
Steel	408,325	271,775	241,142
Copper Wire and Cable	43,323	58,241	58,767
Paper Products	2,471	3,439	2,910
Wire Cloth	81	107	71
Other Materials	6,522	6,032	4,488
Total Materials (Excluding Chemicals)	486,629	357,263	323,147
<u>II. Industrial Equipment</u>			
Machine Tools and Forging Presses & Hammers	26,960 a/	58,581 b/	55,686 c/
Power Equipment	9,773	18,804	20,107
Industrial Boilers	6,309	12,072	14,590
Misc. Electrical Equip.	4,183	6,558	7,331
Electric Furnaces	2,013	5,388	4,336
Oil Refinery Equipment	12,259	1,798	4,348
Tire Manufacturing Plant	2,244	888	1,553
Aluminum Mill	331	442	950
Various Indust. Machinery, n.e.s.	28,784	55,445	38,194
Bearings	99	333	457
Graphite Electrodes & Related Products	861	1,137	1,015

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Dissem. Restrictions: No Release



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<u>Item</u>	<u>As of June 30</u>	<u>As of Sept. 30</u>	<u>As of Oct. 31</u>
II. <u>Industrial Equipment</u> (Cont'd)			
Abrasives	972	488	590
Instruments & Laboratory Equip.	701	1,799	869
Misc. (Incl. Treas. Procured Machine Tools)	734	1,117	2,146
Total Indust. Equip.	96,223	164,850	152,172
Tires and Tubes	4,575	725	2,470
Grand Total Excl. Chemicals	587,427	522,838	477,789

X - Less than 1 S.T.

a/ Stocks as of June 20, 1943

b/ Stocks as of Sept. 20, 1943

c/ Stocks as of Oct. 20, 1943

\* \* \* \* \*

**SECRET**

Declassify Pursuant to the Espionage Act

**SECRET**  
Classified Pursuant to E.O. 13526, 6/18/2003

**SECRET**  
Dissemination Prohibited Under Espionage Laws

Regraded Unclassified

Pro- tocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Oct. 1, 1943 - Oct. 31, 1943	Made Available at Mill in U.S.A. July 1, 1943 - Oct. 31, 1943	Percent of 3rd Prot. Program Completed as of Nov. 1, 1943	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of Nov. 1, 1943 To Complete 3rd Protocol Prod. Program	Comments
<b>NON-FERROUS METALS (Continued)</b>									
7	Copper Base Alloys	S.T.	107,520	9,634	25,863	24	73	81,657	October production of copper base alloys exceeded the monthly rate called for by the Protocol. Production at about the October rate is scheduled to continue until the deficit accumulated during the July-September period because of the stocks situation is eliminated.
8	Magnesium	S.T.	4,032	336	1,344	33	100	2,688	
9	Zinc	S.T.	13,440	1,120	4,480	33	100	8,960	
11	Copper Goods and Tubes	S.T.	15,000	1,142	3,676	25	76	11,324	
29	Special Non-Ferrous Alloy Wires	S.T.	73	15	42	58	176	31	The Third Protocol provides that up to 269 S.T. of special non-ferrous wires may be ordered. Until the present, however, only 73 S.T. have been requisitioned. The Third Protocol production schedule is therefore limited to this amount. Deliveries to date include .1 S.T. of tungsten alloy wire; .9 S.T. of constantan wire; .2 S.T. of tantalum wire; 11.1 S.T. of alumin and chromel wire; 12.4 S.T. of monel, everdur and beryllium bronze wire; 4.5 S.T. of enameled manganin wire; 12.5 S.T. of molybdenum wire; and .2 S.T. of round manganin wire.
30	Nichrome Wire	S.T.	538	14	183	34	103	355	
94	Cobalt	S.T.	80.5	40.5	80.5	100	152	0	
	Total Non-Ferrous Metals (Excluding Item 6, Copper, Electrolytic)	S.T.	186,443.5	22,810.5	68,918.5	37	112	117,525	

The production program shown is for the first half of the Third Protocol period; the ratio of actual deliveries to the Protocol schedule has, therefore, been adjusted to take this into account. The October shipment completed the full Protocol offering.





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Excluded From Automatic Downgrading and  
Declassification

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Pro- tocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Oct. 1, 1943 - Oct. 31, 1943	Made Available at Mill in U.S.A. July 1, 1943 - Oct. 31, 1943	Percent of 3rd Prot. Program Completed as of Nov. 1, 1943	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of Nov. 1, 1943 To Complete 3rd Protocol Prod. Program	Comments
38	Ethylene Glycol	S.T.	275	0	275	100	303	0	A total of 3,360 S.T. was offered, but the offer was conditional upon stocks being reduced to a reasonable level. Stocks have continued excessive and the offer is considered inoperative except insofar as shipments have been made against requisitions carried over from the Second Protocol period.
45	Methanol	S.T.	-	0	0	-	-	-	
46	Urotropine	S.T.	-	0	0	-	-	-	
61A1	Glycerine	S.T.	6,720	5,332	7,189	107	324	(469 Excess)	The October shipment was made from the U.K. on U.S. account.
61A3	Caustic Soda	S.T.	40,320	2,879	16,016	40	121	24,304	
38A	Ethyl Alcohol	S.T.	107,520	3,265	45,859	43	130	61,661	
61A5	Acetone	S.T.	5,137	0	657	13	39	4,480	The production program has been adjusted to take into account the failure of Soviet representatives to requisition acetone for delivery during the first four months of the Third Protocol period. Except for the 657 S.T. delivered in July against an old requisition, the obligation to supply 2,240 S.T. between July 1 and October 31 is considered cancelled. During the remainder of the Protocol period production is scheduled to average 560 S.T. per month.

Regraded Unclassified

**SECRET**  
Excluded From Automatic Downgrading and  
Declassification

Pro- tocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Oct. 1, 1943 - Oct. 31, 1943	Made Available at Mill in U.S.A. July 1, 1943 - Oct. 31, 1943	Percent of 3rd Prot. Program Completed as of Nov. 1, 1943	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of Nov. 1, 1943 To Complete 3rd Protocol Prod. Program	Comments
CHEMICALS (Continued)									
61A	Other Chemicals	S.T.	12,096	813	1,690	14	42	10,406	
	Total Chemicals	S.T.	173,864	12,289	73,482	42	127	100,382	
MARINE AND SUBMARINE CABLE									
1	Marine Cable	KM.	1,200	14	167	14	42	1,033	Because of excessive stocks, de- livery of marine and submarine cable has been held under the rate offered in the Protocol. A revised production program is currently being worked out.
2	Submarine Cable	KM.	600	0	119	20	61	481	
	Total Marine and Submarine Cable	KM.	1,800	14	286	16	48	1,514	
POWER AND RELATED CABLE									
74	Insulated Cable and Wire (Copper Content)	S.T.	-	1,132	6,728	-	-	-	Because of excessive stocks, the Third Protocol production schedul of power and related cable has been reduced from 41,516 S.T. copper content to 21,000 S.T.
74A	Bare Cable and Wire (Copper Content)	S.T.	-	453	462	-	-	-	
	Total Power and Related Cable	S.T.	21,000	1,585	7,190	34	103	13,810	
MISCELLANEOUS MATERIALS ITEMS									
80	Sheet Fiber	S.T.	1,000	266	986	99	300	14	To date no requisitions have been submitted by Soviet repre- sentatives.
83	Parchment Paper	S.T.	1,680	0	0	0	0	1,680	
83A	Condenser Paper	S.T.	146	0	0	0	0	146	Because of delays in the sub- mission of requisitions by Soviet representatives, production of condenser paper cannot be sched- uled to begin before January 1, 1944.
83B	Cigarette Paper	S.T.	336	0	0	0	0	336	
35	Other Materials and Their Products	\$	5,000,000	-	-	-	-	-	To date no requisitions have been submitted by Soviet repre- sentatives.

Regraded Unclassified

Protocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Oct. 1, 1943 - Oct. 31, 1943	Made Available at Mill in U.S.A. July 1, 1943 - Oct. 31, 1943	Percent of 3rd Prot. Program Completed as of Nov. 1, 1943	Ratio of Actual Deliveries to Prot. Sched. (Prot. Sched. = 100)	Balance to be Produced as of Nov. 1, 1943 To Complete 3rd Protocol Prod. Program	Comments
<b>INDUSTRIAL AND RELATED EQUIPMENT</b>									
15A	Cemented Carbide Tips and Blanks	\$	3,000,000	3,267	746,744	25	76	2,253,256	Of the several industrial equipment programs included in the Third Protocol Schedule, all production arrangements have been made in the case of Machine Tools, Forging Presses and Hammers, Excavators, Mining Equipment, Welding Equipment, Bearings, Power Generating Equipment, Block Signal Equipment, and Auxiliary Industrial Equipment. In the case of Cemented Carbide Tips and Blanks, Small Cutting Tools, Measuring Tools, Control Instruments and Testing Machines, Electric Furnaces, Compressors, Pumps, and Cranes, considerable progress has recently been made in rounding out programs, but substantial portions of the new orders offered under the Third Protocol still remain to be placed. Because of this delay in the submission of requisitions, it appears that in the case of at least two of these items -- pumps and cranes -- it will not be possible to produce before June 30, 1944 the entire quantity promised under the Third Protocol. A part of the totals offered will consequently probably have to be cancelled or taken up with substitute equipment. In the case of Rolling Mill Equipment, Wire Drawing Equipment, Equipment for Blast, Hearth, and Coke Furnaces, and Valves and Fittings, Soviet representatives have not as yet submitted programs for inclusion in the Third Protocol schedule. Since less than two-thirds of the Third Protocol period remains for the production of these items, it can be assumed that full Third Protocol offers cannot be fulfilled by June 30, and that a part of the totals originally promised will have to be cancelled or used for substitute equipment. It is planned to include in the December report a comprehensive statement of the detailed status of the several industrial equipment programs.
15B	Small Cutting Tools	\$	15,000,000	862,821	3,438,838	23	70	11,561,162	
15C	Measuring Tools	\$	3,000,000	68,546	405,223	14	42	2,594,777	
67B	Abrasive Products	\$	4,000,000	572,370	1,796,902	45	136	2,203,098	
62	Machine Tools	\$	120,000,000	8,990,750	45,127,650	38	115	74,872,350	
63	Electric Furnaces	\$	12,000,000	422,557	1,870,209	16	48	10,129,791	
64A	Rolling Mills and Equipment	\$	16,000,000	129,248	541,417	3	9	15,458,583	
64B	Presses, Forges, Hammers and Related Equipment	\$	30,000,000	1,897,800	8,130,300	27	82	21,869,700	
64C	Wire Drawing Equipment	\$	2,000,000	23,757	23,757	1	3	1,976,243	
65	Various Industrial Equipment	\$	120,000,000	15,241,793	51,336,464	43	130	68,663,536	
66	Control Inst. and Testing Machines	\$	1,700,000	37,997	410,103	24	73	1,289,897	
69-70	Anti-Friction Bearings	\$	15,000,000	677,999	3,251,943	22	67	11,748,057	
111	Block Signal System	\$	14,591,500	69,068	258,175	2	6	14,333,325	
140	Power Equipment	\$	75,000,000	6,314,783	23,949,611	32	97	51,050,389	
	Total Industrial and Related Equipment	\$	431,291,500	35,312,756	141,287,336	33	100	290,004,164	



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Pro- tocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Oct. 1, 1943 - Oct. 31, 1943	Made Available at Mill in U.S.A. July 1, 1943 - Oct. 31, 1943	Percent of 3rd Prot. Program Completed as of Nov. 1, 1943	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of Nov. 1, 1943 To Complete 3rd Protocol Prod. Program	Comments
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MISCELLANEOUS EQUIPMENT ITEMS

67A	Abrasive Grain	S.T.	4,000	189	1,663	42	127	2,337	
68A	Graphite Electrodes	S.T.	5,757	442	1,857	32	97	3,900	
68B	Other Graphite Goods	S.T.	1,691	118	439	26	79	1,252	
68C	Graphite Powder	S.T.	1,120	241	697	62	188	423	
78	Tires, Tubes, Other Rubber Products (Rubber Content)	S.T.	40,320	3,500	12,905	32	97	27,415	
82	Metallic Cloth and Screen	\$	1,000,000	14,847	164,010	16	48	835,990	
84	Emergency Equipment	\$	25,000,000	-	-	-	-	-	

The U.S. has offered to supply up to \$25,000,000 of Emergency Equipment provided the Soviet Government certifies the need for particular items totaling this amount, and provided specifications are acceptable to the W.P.B. So far few requisitions have been placed under this category. Because of lead factors, no deliveries took place against these in October.

War Production Board  
Foreign Division  
Review and Analysis Branch  
November 15, 1943

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(SC)L11-7/EF 61  
Serial 0187812

*Russian*

THE SECRETARY OF THE NAVY  
WASHINGTON

CONFIDENTIAL  
CONFIDENTIAL

13 NOV 1943

Dear Mr. President:

In accordance with your memorandum of 2 October 1942, there is enclosed herewith a report as of 1 November 1943, showing the progress made by the Navy Department in supplying material to the Soviet Government under the Second Protocol covering the period 1 July 1942 to 30 September 1943.

There are also enclosed two additional reports on certain material requested by the Soviets and classified in the following categories:

- (a) Items not included in the Second Protocol
- (b) Items under the provisions of the Third Protocol

Respectfully submitted,

*Frank Knox*  
Frank Knox

The President  
The White House

STATUS OF DELIVERY OF BALANCE OF MATERIALS REQUISITIONED  
BY THE SOVIET GOVERNMENT OF THE NAVY DEPARTMENT UNDER THE  
PROVISIONS OF THE SECOND PROTOCOL  
(ALL OTHER ITEMS HAVING BEEN DELIVERED)

ITEM	AMOUNT REQUESTED	DELIVERED PRIOR TO 1 JULY '42	DELIVERED BETWEEN JULY 1942 OCT. 1943	DELIVERY SCHEDULE FOR NOV. 1943	DELIVERY SCHEDULE FOR DEC 1943	DELIVERY SCHEDULE FOR JAN. 1944	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
PETROLEUM PRODUCTS (SHORT TONS)	312,815	49,650	263,165	0	0	0	0	
50 CALIBER TWIN MOUNTS HAND OPERATED MK 17 COMPLETE WITH CRADLE AND SPARE PARTS	200	0	180	20	0	0	0	
50 CALIBER GUNS COMPLETE WITH SPARE PARTS	450	0	360	90	0	0	0	
MINESWEEPERS	10	0	10	0	0	0	0	
MARINE DIESEL ENGINES (1100-1600 H.P.)	136	0	136	0	0	0	0	
MARINE DIESEL ENGINES (170-1100 H.P.)	248	0	68	23	31	40	86	UNSCHEDULED
MARINE DIESEL ENGINES (75-170 H.P.)	122	0	122	0	0	0	0	
MARINE DIESEL GENERATORS	1,310	2	316	41	42	52	857	UNSCHEDULED
MECHANICAL AND ELECTRICAL EQUIPMENT FOR TUGS	3 SETS	0	0	3 SETS	0	0	0	
ELECTRIC MOTORS	1,220	0	0	800	420	0	0	

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STATUS OF DELIVERY OF MATERIALS REQUISITIONED  
BY THE SOVIET GOVERNMENT OF THE NAVY DEPARTMENT  
UNDER THE PROVISIONS OF THE THIRD PROTOCOL

ITEM	AMOUNT REQUESTED	DELIVERED	DELIVERY SCHEDULE FOR NOV. 1943	DELIVERY SCHEDULE FOR DEC. 1943	DELIVERY SCHEDULE FOR JAN. 1944	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
SCRIPPS ENGINES	66	0	0	20	20	26	FEB. AND MARCH 1944
AIR TANKS	15	0	15	0	0	0	
RADIO BEACONS	5	0	0	0	0	5	UNSCHEDULED
WINDLASSES WITH MOTORS	5	4	0	0	0	1	UNSCHEDULED
AUXILIARY EQUIPMENT FOR SHIPS	10 SETS	0	0	10 SETS	0	0	
TOWING WINCHES 220 VOLTS	10	0	0	0	2	8	FEBRUARY 1944
MARINE DIESEL ENGINES (1100-1600 H.P.)	50	0	0	0	0	50	UNSCHEDULED
MARINE DIESEL ENGINES (170-1100 H.P.)	230	35	22	37	19	117	UNSCHEDULED
MARINE DIESEL ENGINES (30-100 H.P.)	263	3	0	50	50	160	UNSCHEDULED
MARINE DIESEL GENERATORS	784	15	27	83	25	634	UNSCHEDULED
MARINE PUMPS	257	129	34	65	29	0	UNSCHEDULED
3"/50 D.P. EQUIPMENT	200	0	0	0	0	200	UNSCHEDULED
3"/50 CALIBER LOADING MACHINES MK 7 MOD 1	66	0	0	0	0	66	UNSCHEDULED
20 MM AA GUNS COMPLETE	500	18	0	0	0	482	FEB - JUNE 1944
ROUNDS 20 MM AA AMMUNITION	2,500,000	0	0	0	0	2,500,000	FEB - JUNE 1944
50 CALIBER TWIN MOUNTS MK 22	800	0	150	150	150	350	150 MOUNTS PER MONTH
50 CALIBER AA MACHINE GUNS	1,600	0	300	300	300	700	300 PER MONTH
3"/50 AA AMMUNITION	154,000	0	0	0	0	154,000	UNSCHEDULED
3"/50 COMMON AMMUNITION	35,000	0	0	0	0	35,000	UNSCHEDULED
3"/50 ILLUMINATING AMMUNITION	10,000	0	0	0	0	10,000	UNSCHEDULED
50 CAL. TWIN MOUNTS MK 17 MOD 1	100	0	0	50	50	0	
50 CAL. AA MACHINE GUNS	200	0	0	50	50	100	50 PER MONTH
PETROLEUM PRODUCTS (SHORT TONS)	348,208	0	115,818	114,090	112,941	5,359	FEBRUARY 1944

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STATUS OF DELIVERY OF BALANCE OF MATERIAL REQUISITIONED  
BY THE SOVIET GOVERNMENT OF THE NAVY DEPARTMENT  
(NON-PROTOCOL ITEMS)

ITEM	AMOUNT REQUESTED	DELIVERED PRIOR TO 1 JULY '42	DELIVERED BETWEEN JULY 1942 OCT. 1943	DELIVERY SCHEDULE FOR NOV. 1943	DELIVERY SCHEDULE FOR DEC. 1943	DELIVERY SCHEDULE FOR JAN. 1944	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
MARINE DIESEL ENGINES (1100-1600 H.P.)	18	0	6	4	4	4	0	
MARINE DIESEL ENGINES (75-170 H.P.)	802	0	50	3	3	21	725	UNSCHEDULED
MARINE DIESEL ENGINES (BELOW 75 H.P.)	982	0	32	0	50	50	850	UNSCHEDULED
MARINE GASOLINE ENGINES	2,757	0	585	310	300	320	1,242	UNSCHEDULED
MARINE PUMPS	163	0	0	0	0	0	163	UNSCHEDULED
RADIO RECEIVERS	418	0	93	0	0	0	325	UNSCHEDULED
STORAGE BATTERIES FOR SUBMARINES	50	0	6	2	3	3	36	UNSCHEDULED
WOODEN SUBMARINE CHASERS	92	0	63	4	3	3	19	FEB - APR 1944
WOODEN MOTOR TORPEDO BOATS	80	0	30	5	10	4	31	FEB - JULY 1944
TWIN SCREW TUG BOATS	15	0	0	0	0	0	15	UNSCHEDULED
BEARINGS FOR PACKARD ENGINES	10	0	0	0	0	0	10	UNSCHEDULED
OUTBOARD MOTORS	850	0	100	700	0	0	50	UNSCHEDULED
DIVING STATIONS	83	0	0	40	3	40	0	
LANTERNS AND FLASHERS	982	0	352	120	80	90	340	FEB 1944
FORGINGS FOR PROPELLER SHAFTS AND COUPLINGS	3	0	0	0	0	0	3	MARCH 1944
GASOLINE - OIL FILTERS	800	0	800	0	0	0	0	
THERMOSTATS AND PRESSURE INDICATORS	800	0	800	0	0	0	0	
DIVING EQUIPMENT	100	0	20	60	20	0	0	
ELECTRIC CRANES	4	0	0	0	0	0	4	JULY 1944
AIR VALVES	194	0	0	0	0	0	194	UNSCHEDULED
PRESSURE INDICATORS	200	0	200	0	0	0	0	
CENTRIFUGAL FANS	47	0	0	0	0	0	47	UNSCHEDULED

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STATUS OF DELIVERY OF BALANCE OF MATERIAL REQUISITIONED  
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(NON-PROTOCOL ITEMS)

ITEM	AMOUNT REQUESTED	DELIVERED PRIOR TO 1 JULY '42	DELIVERED BETWEEN JULY 1942 OCT. 1943	DELIVERY SCHEDULE FOR NOV. 1943	DELIVERY SCHEDULE FOR DEC. 1943	DELIVERY SCHEDULE FOR JAN. 1944	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
LIGHTING FIXTURES	1 LOT	0	PARTIAL	COMPLETE	0	0	0	
ELECTRICAL EQUIPMENT	6 LOTS	0	0	0	0	0	6 LOTS	FEB - 1944
BUOYS	100	0	0	0	20	40	40	FEB - 1944
ACCETYLENE GAS ACCUMULATORS	700	0	0	200	200	200	100	FEB - 1944
WATER DISTILLING UNITS FOR SUBMARINES	5	0	5	0	0	0	0	
SEARCHLIGHT PROJECTORS	20	0	20	0	0	0	0	
STEERING GEAR	35	0	0	0	0	0	35	FEB to Apr 1944 UNSCHEDULED
DIVING COMPRESSORS	3	0	0	0	0	0	3	
SHAFTLINES	100	0	100	0	0	0	0	
PROPELLERS	200	0	200	0	0	0	0	
MOTOR TORPEDO BOAT WATER AND OIL COOLERS	950 EACH	0	184	240	240	240	46	FEB - 1944
SHORE DIRECTION FINDERS	18	0	9	0	0	0	9	UNSCHEDULED
AIR TANKS	15	0	0	15	0	0	0	
POTASSIUM TETRAOXIDE	1,120,000 lbs.	0	732,100	64,000	63,000	44,900	216,000	FEB - 1944
20 MM AA GUNS COMPLETE	1,500	0	1,420	80	0	0	0	
ROUNDS 20 MM AA AMMUNITION	8,000,000	0	7,059,920	100,000	100,000	100,000	640,080	100,000 ROUNDS PER MONTH
5"/38 D.P. EQUIPMENTS, GUNS MK 30, HANDWHEEL BRACKETS NO POWER DRIVES	150	0	62	0	0	0	88	UNSCHEDULED
5"/38 CALIBER SINGLE LOADING MACHINE MK 14 MOD 4 AND SPARE PARTS	64	0	29	0	0	0	35	UNSCHEDULED
5"/38 AA AMMUNITION	66,000	0	28,560	5,000	5,000	5,000	22,440	5,000 ROUNDS PER MONTH
5"/38 COMMON AMMUNITION	15,000	0	2,100	0	0	0	12,900	THIS TYPE WILL NOT BE FURNISHED FOR COMMON SUBSTITUTED

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STATUS OF DELIVERY OF BALANCE OF MATERIAL REQUISITIONED  
BY THE SOVIET GOVERNMENT OF THE NAVY DEPARTMENT  
(NON-PROTOCOL ITEMS)

ITEM	AMOUNT REQUESTED	DELIVERED PRIOR TO 1 JULY '42	DELIVERED BETWEEN JULY 1942 OCT. 1943	DELIVERY SCHEDULE FOR NOV. 1943	DELIVERY SCHEDULE FOR DEC. 1943	DELIVERY SCHEDULE FOR JAN. 1944	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
5"/38 ILLUMINATING AMMUNITION	3,000	0	1,200	600	600	600	0	
3"/50 D.P. EQUIPMENTS	300	0	248	0	52	0	0	
3"/50 CALIBER LOADING MACHINES MK 7 MOD 1	100	0	64	0	36	0	0	
3"/50 AA AMMUNITION	283,500	0	209,802	73,698	0	0	0	
3"/30 DUMMY DRILL AMMUNITION	2,000	0	1,240	760	0	0	0	
3"/50 ILLUMINATING AMMUNITION	15,000	0	11,400	36,000	0	0	0	
F.S. MIXTURE FOR SMOKE SCREEN GENERATORS	19,200 GALS.	0	7,700	0	0	0	11,500	UNSCHEDULED
SETS OF EQUIPMENT FOR FILLING SMOKE SCREEN GENERATORS	5	0	2	0	0	0	3	UNSCHEDULED
TORPEDO TUBE TESTING SETS MK 2	5	0	0	0	0	0	5	MARCH 1944

WAR SHIPPING ADMINISTRATION

November 10, 1943

MEMORANDUM FOR THE PRESIDENT

Because of reduced sailings by Russian ships from the West Coast in October, shipments to Russia fell from 503,617 long tons in September to 440,771 long tons in October. The September shipments were, however, unusually high. Liftings on a cumulative basis since July 1 now stand substantially ahead of the protocol requirement. Because of the large number of expected sailings to Murmansk and the White Sea, and of the return of a large portion of the Soviet Pacific merchant fleet to U. S. ports, liftings in November and December are expected to exceed those of October and may well surpass all previous records.

The outstanding development during October was the preparation of the first convoy for Murmansk and the White Sea since early last spring. Present plans provide for four convoys of about 35 ships each, the first of which, JW-54, departs from the United Kingdom in mid-November. For JW-54 W.S.A. has sailed 10 ships from this country carrying 66,266 long tons. (Exhibit A) In addition five other ships are on berth in the United Kingdom loading a portion of the cargo which was discharged there last spring by ships diverted from North Russia. It is expected that these loadings, together with those of the B.M.W.T. ships, will exhaust the remaining Russian priority cargo previously discharged in the United Kingdom.

Our contribution to the succeeding convoys will be more substantial. For JW-55 we are providing 18 ships from this country, all

19 ships  
arrived safely  
on or about  
24 Nov.

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of which are now on berth. (Exhibit B) These ships, in addition to their other cargo, are to carry some 20 locomotives and a number of flat cars, all of which are stated to be in great demand in Russia. For JW-56 we are planning to increase our contribution to 25 ships, which will sail from here in December. We are expecting to move some 40 additional locomotives on these ships. Furthermore, each of the four convoys is expected to have a British tanker carrying alcohol on American account. Our ships in these convoys are better armed and outfitted than any previous ones and we have great hopes that they will be successful. The Russians are making extensive preparations to handle these vessels on their arrival.

On the Persian Gulf route we sailed 25 Soviet-Aid ships and four P.G.S.C. ships which together carried 193,862 long tons of Soviet-Aid cargo, 23,701 long tons of P.G.S.C. cargo, and 5,312 long tons of cargo for the Bahrain petroleum project. (Exhibit C) Of these ships 27 were routed through the Mediterranean and two via the long routes. In addition, two ships were berthed at Karachi to move the Russian steel stockpiled there some time ago, one of which sailed during the month.

The Persian Gulf is now entirely free of congestion. Ships are normally handled as soon as they arrive. There are now 15 berths available for the Russian-Aid program, besides several anchorages. The clearance of ocean cargo to Russia is approximately in balance with the scheduled rate of arrival, and the discharging capacity somewhat exceeds this rate. The dumps on shore are very low.

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We are planning to maintain the number of Soviet-Aid allocations at 25 vessels monthly for the present. (Exhibit D) This rate of sailing is expected to keep the inland clearance system fully employed.

As forecast in our September report, Russian-flag sailings on the Pacific were comparatively low in October, amounting to 180,643 long tons. Of the total sailings numbering 27, two were from Vancouver, B. C. The shortage of shipping in October was caused mainly by the large movement in August and September which led to serious congestion at Petropavlovsk, Nagaevo, Nikolaevsk, and Port Rybnovsk, where many of these ships were lightening to enable them to pass through the Tartar Strait to Vladivostok. The Russians were therefore unable to return to this country the usual number of vessels. This situation is in process of correction, and satisfactory numbers of vessels are now in U. S. ports, enroute eastward, and finishing discharge at Vladivostok. It is therefore expected that the November and December loadings will equal or exceed the requirement.

In addition, one ship was sent to Alaska carrying about 4,000 long tons of bunker coal for Russian ships.

The shipping position in the Pacific now looks favorable for the winter period. Several ex-American ships have passed through the Strait of La Perouse without difficulty and the Russians appear confident that this routing can be continued. They also are confident that their icebreaker fleet, which will consist of three first-line

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icebreakers (including the one being turned over by the U. S. Coast Guard) and two smaller ones, can keep the route open during all or at least a large portion of the winter. There is no apparent congestion at Vladivostok.

In early November the locomotive movement began on old Russian ships. It is now expected that by January 1 approximately 100 of these badly-needed engines will have been shipped to Russia.

Russian tanker operations are growing in importance largely with the aid of Lend-Lease tankers. To enable the Russians to meet their requirement for blending agent, arrangements have been made to transfer to the Russian flag in November one new Liberty-type tanker. This will be the 69th ship transferred to the Russians under Lend-Lease.

Respectfully submitted,

*E. S. Land*  
E. S. Land  
Administrator

*L. W. Douglas*  
L. W. Douglas  
Deputy Administrator

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(Exhibit A)

MURMANSK AND WHITE SEA SAILINGS - OCTOBER, 1943

All Ships Intended for JW-54

Ship	D.W.T.	Cubic	U.S.S.R. Cargo Loaded	Sailed on	From
<u>Departures in HX-263</u>					
1. William L. Marcy	10,500	500,245	6,787	10/24	N.Y.
2. Park Holland	10,500	500,245	6,599	10/24	N.Y.
3. Daniel Drake	10,500	500,245	6,311	10/24	N.Y.
4. Edmund Fanning	10,500	500,245	6,471	10/24	N.Y.
5. Eugene Field	10,500	500,245	6,609	10/24	N.Y.
6. James Smith	10,500	500,245	6,312	10/24	N.Y.
7. James Gordon Bennett	10,500	500,245	7,057	10/24	N.Y.
8. Thomas Sim Lee	10,500	500,245	6,615	10/24	N.Y.

Departures in HX-264

9. Horace Gray	10,500	500,245	6,685	10/31	N.Y.
10. John Fitch	<u>10,500</u>	<u>500,245</u>	<u>6,820</u>	10/31	N.Y.
Total	105,000	5,002,450	66,266		

Ships Loading in the U.K.

11. Thomas Kearns	10,500	500,245	-	-	London
12. William Windon	10,500	500,245	-	-	Manchester
13. Gilbert Stuart	10,500	500,245	-	-	Manchester
14. Arthur Perry	10,500	500,245	-	-	Leith
15. Henry Villard	<u>10,500</u>	<u>500,245</u>	-	-	Newport
Total	52,500	2,501,225	-	-	

SECRET



(Exhibit B)

EXPECTED SAILINGS TO MURMANSK AND WHITE SEA - NOVEMBER, 1943

All Ships Intended for JW-55

Ship	D.W.T.	Cubic	Presentation Date	At
<u>To Depart in HX-266</u>				
1. Collis P. Huntington	10,500	500,245	Oct. 27	N. Y.
2. George Weems	10,500	500,245	Oct. 27	N. Y.
3. Cardinal Gibbons	10,500	500,245	Oct. 29	N. Y.
4. John Wanamaker	10,500	500,245	Oct. 29	N. Y.
5. James A. Farrell	10,500	500,245	Nov. 3	N. Y.
6. Stage Door Canteen	10,500	500,245	Nov. 1	N. Y.
7. Philip Livingston	10,500	500,245	Oct. 27	N. Y.
8. Thomas Scott	10,500	500,245	Nov. 2	N. Y.
9. Brockholst Livingston	10,500	500,245	Oct. 27	N. Y.

To Depart in HX-267

10. James Woodrow	10,500	500,245	Nov. 4	N. Y.
11. Lewis Emery, Jr.	10,500	500,245	Nov. 6	N. Y.
12. Harold L. Winslow	10,500	500,245	Nov. 6	N. Y.
13. Thomas U. Walter	10,500	500,245	Nov. 6	N. Y.
14. Will Rogers	10,500	500,245	Nov. 5	N. Y.
15. John J. Abel	10,500	500,245	Nov. 5	N. Y.
16. John Vining	10,500	500,245	Nov. 5	N. Y.
17. Bernard N. Baker	10,500	500,245	Nov. 4	N. Y.
18. Daniel Willard	10,500	500,245	Nov. 6	N. Y.
Total	189,000	9,004,410		

SECRET

(Exhibit C)

PERSIAN GULF SAILINGS - OCTOBER, 1943

Ship	D.W.T.	Cubic	U.S.S.R. Cargo Loaded	Sailed on	From
------	--------	-------	-----------------------	-----------	------

SOVIET AID SHIPS

Departures in UGS-20

1. Walker Taylor	10,500	500,245	8,032	Oct. 1	Phila.
2. Hawkins Fudske	10,500	500,245	7,319	Oct. 2	Phila.
3. American Press	8,975	432,606	6,254	Oct. 2	Phila.

Note: Also departing in UGS-20 were five ships which sailed from their loading ports in September and were included in that month's report.

Departures in UGS-21

4. George Walton	10,500	500,245	8,017	Oct. 8	Phila.
5. Patrick C. Boyle	10,500	500,245	5,204 <sup>1</sup> / <sub>2</sub>	Oct. 8	Phila.
6. Ben F. Dixon	10,500	500,245	7,491	Oct. 12	Phila.
7. Robert F. Hoke	10,500	500,245	7,194	Oct. 11	Phila.
8. Nicholas Herkimer	10,500	500,245	7,663	Oct. 12	N. Y.
9. Nicholas Biddle	10,500	500,245	8,268	Oct. 12	N. Y.
10. Horace Mann	10,500	500,245	8,091	Oct. 12	N. Y.
11. Henry St. George Tucker	10,500	500,245	8,081	Oct. 12	N. Y.

Departures in UGS-22

12. Lot Whitcomb	10,500	500,245	7,785	Oct. 20	Phila.
13. Margaret Brent	10,500	500,245	7,698	Oct. 21	Phila.
14. E. Kirby Smith	10,500	500,245	8,341	Oct. 22	Phila.
15. John Barry	10,500	500,245	7,870	Oct. 22	Phila.
16. Joyce Kilmer	10,500	500,245	7,597	Oct. 22	Phila.
17. Jared Ingersoll	10,500	500,245	7,659	Oct. 20	Phila.
18. Arthur Riggs	10,500	500,245	7,532	Oct. 22	N. Y.
19. Joseph McKenna	10,500	500,245	6,887	Oct. 22	N. Y.
20. John J. Crittenden	10,500	500,245	7,120	Oct. 22	N. Y.

Departures in UGS-23

21. William H. Crawford	10,500	500,245	7,095	Oct. 22 <sup>2</sup> / <sub>3</sub>	N. Y.
22. Francis Drake	10,500	500,245	4,807 <sup>1</sup> / <sub>2</sub>	Oct. 31	Phila.
23. Joseph Holt	10,500	500,245	8,423	Oct. 30	Phila.

Note: Also departing in UGS-23 was one ship which sailed from its loading port in November.

SECRET

(Exhibit C) continued

PERSIAN GULF SAILINGS - OCTOBER, 1943

Ship	D.W.T.	Cubic	U.S.S.R. Cargo Loaded	Sailed on	From
------	--------	-------	-----------------------	-----------	------

SOVIET AID SHIPS

Via Long Routes

24. Java (Du)	11,980	640,400	9,348	Oct. 13	N. Y.
25. Tabian (Du)	<u>10,268</u>	<u>438,390</u>	<u>7,475</u>	Oct. 29	N. Y.
Total	262,323	12,516,786	187,251		

P.G.S.C. SHIPS

Departures in UGS-21

26. African Sun	9,441	558,328	3,069	Oct. 12	Charleston
27. African Dawn	9,441	558,328	1,003	Oct. 12	Charleston

Departures in UGS 23

28. Samuel Gorton	10,500	500,245	1,234	Oct. 31	Charleston
29. Jim Bridger	<u>10,500</u>	<u>500,245</u>	<u>1,305</u>	Oct. 29	Charleston
Total	39,882	2,117,146	6,611		

Grand Total 302,205 14,633,932 193,862

1. Also carried cargo for the Bahrain Petroleum Project.
2. Originally intended for UGS022, but slightly damaged in collision necessitating repairs.

SECRET



(Exhibit D)

EXPECTED SAILINGS TO PERSIAN GULF - NOVEMBER, 1943

Ship	D.W.T.	Cubic	Presentation Date	At
<u>To Depart in UGS-23</u>				
1. William Mayo	10,500	500,245	Oct. 19	N. Y.
<u>To Depart in UGS-24</u>				
2. Viggo Hanteen (Nor.)	10,500	500,245	Oct. 23	Phila.
3. James E. Howard	10,500	500,245	Oct. 25	Phila.
4. Bigfoot Wallace	10,500	500,245	Oct. 23	N. Y.
5. Pere Marquette	10,500	500,245	Oct. 29	Phila.
6. Thomas L. Clingman	10,500	500,245	Oct. 29	Phila.
7. Peter Zenger	10,500	500,245	Nov. 1	Phila.
8. Ignatius Donnelly	10,500	500,245	Oct. 25	Phila.
9. George Read	10,500	500,245	Nov. 1	Phila.
10. Hubert H. Bancroft	10,500	500,245	Oct. 23	N. Y.
11. George Gipp	10,500	500,245	Nov. 2	Phila.
<u>To Depart in UGS-25</u>				
12. George Gershwin	10,500	500,245	Nov. 3	Phila.
13. U.S.O.	10,500	500,245	Nov. 5	Phila.
14. James M. Porter	10,500	500,245	Nov. 3	Phila.
15. Richard Stockton	10,500	500,245	Nov. 8	N. Y.
16. Albert Gallatin	10,500	500,245	Nov. 9	N. Y.
17. Oran M. Roberts	10,500	500,245	Nov. 10	N. Y.
18. Frank B. Kellogg	10,500	500,245	Nov. 8	N. Y.
<u>To Depart in UGS-26</u>				
19. George D. Prentice	10,500	500,245	Nov. 13	Phila.
20. Thomas Hill	10,500	500,245	Nov. 15	Phila.
21. John A. Poor	10,500	500,245	Nov. 15	Phila.
22. Morton McCarver	10,500	500,245	Nov. 10	Phila.
23. Edward Livingston	10,500	500,245	Nov. 18	Phila.
24. Robert Treat	10,500	500,245	Nov. 12	Phila.
25. Maria Mitchell	10,500	500,245	Nov. 15	N. Y.
26. William Dunbar	10,500	500,245	Nov. 15	N. Y.
27. Frederick L. Dau	10,500	500,245	Nov. 15	N. Y.
28. William Eaton	10,500	500,245	Nov. 17	N. Y.
Total	294,000	14,006,860		

Note: The list contains three ships allocated against the October program.

SECRET

Regraded Unclassified

*Russian*

*File  
WD.*

WAR DEPARTMENT  
WASHINGTON

10 November 1943.

The President,

The White House.

Dear Mr. President:

Action of the War Department in furnishing Lend-Lease aid to the Union of Soviet Socialist Republics under the Third Russian Protocol is summarized in the inclosed report for the period ending 31 October, 1943.

During the first one-third of the Third Protocol period, thirty-eight percent of the total tonnage to be furnished by the War Department has been made available. Individual items of equipment offered under the Third Russian Protocol are being furnished in accordance with shipping availability. Factory deliveries of airplanes are ahead of Protocol requirements and exports are proceeding on schedule.

Faithfully yours,

*Harry L. Stinson*  
Secretary of War

Incl:

Tabs A to C  
Inclusive

WAR DEPARTMENT

SUMMARY OF STATUS OF MILITARY GROUND ITEMS  
AS OF 31 OCTOBER, 1943

SECRET
AUTH. DIRECTOR I.A.D.
INITIALS <i>J.H.</i>
DATE <i>11-6-43</i>

The following statement summarizes the status of Military Ground Items during the Third Russian Protocol period 1 July to 31 October, 1943, detailed in the tabulations attached.

TONNAGE					
General Classification	Tab A1 Third Protocol Schedule	Tab A2 Second Protocol Items Re-Offered	Tab A3 Assigned Non-Protocol Items	Tab A4 Requisitioned Non-Protocol Items	Total
OFFERINGS					
Ordnance Items	1,089,658	6,910	78,794 (a)	9,903 (a)	1,185,265 (d)
Signal Items	24,882	727	1,048	419	27,076
Quartermaster Items	55,280	343	1,062	40,490	97,175
Chemical Items	50,460	67,717	2,504	2,598	123,279
Transportation Items	281,600	-	7	-	281,607
Medical Items	1,200	865	-	-	2,065
Engineer Items	-	-	11,957	1,739	13,696
	<u>1,503,080 (c)</u>	<u>76,562</u>	<u>95,372 (d)</u>	<u>55,149</u>	<u>1,730,163 (d)</u>
OFFERINGS MADE AVAILABLE					
Ordnance Items	343,093	6,910	71,840 (d)	9,790 (b)	431,633
Signal Items	14,831	727	917	200	16,675
Quartermaster Items	13,238	343	881	30,652	45,114
Chemical Items	10,068	67,717	1,273	1,536	80,594
Transportation Items	38,265	-	7	-	38,272
Medical Items	299	865	-	-	1,164
Engineer Items	-	-	9,854	1,462	11,316
	<u>419,794</u>	<u>76,562</u>	<u>84,772 (d)</u>	<u>43,640</u>	<u>624,768</u>

(a) Ordnance tonnage figure incomplete due to lack of spare parts weight data.

(b) Availability figure as of 9/30/43.

(c) Third Protocol Schedule of Chemical Items reduced due to Treasury procurement of caustic soda and ethyl alcohol.

(d) Revised figures.

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# THIRD PROTOCOL SCHEDULE ANALYSIS OF ITEM COMMITMENT

SECRET	
AUTH. DIRECTOR, I.A.D.	
INITIALS	2/1
DATE	11-6-43
Overall Difference	
% Shortage	% Overage

Item	Third Protocol Commitment	Monthly Commitment	First Four Months Commitment	First Four Months Availability	Difference		Second Protocol Carryover	Overall Difference		
					% Shortage	% Overage		% Shortage	% Overage	
<u>Tanks</u>										
Medium	2,000	167	668	531	20.5	137	-	20.5	137	
<u>Vehicles</u>										
Light Car M3A1	4,500	375	1,500	709	52.7	791	-	52.7	791	
Truck 1/2 Ton 4x4 (Jeeps)	24,000	2,000	8,000	9,604(a)		1,604	20.0	-	1,604 20.0	
<u>Trucks</u>										
Truck 3/4 Ton 4x4 WC	12,900			1,956						
Truck 3/4 Ton 4x4 Carryall	300			-						
Truck 1 1/2 Ton 4x2	27,000			17,913						
Truck 1 1/2 Ton 4x4	27,000			8,698						
Truck 2 1/2 Ton 6x4	26,000			7,978						
Truck 2 1/2 Ton Tractor	1,000			100						
Truck 2 1/2 Ton 6x6	35,475			14,410						
Truck 2 1/2 Ton 6x6 Dump	400			-						
Truck 2 1/2 Ton 6x6	125			-						
Radio Repair										
Truck 5 Ton 4x2 Dump	1,080			-						
Tank Transporter - 20 Ton	480			194						

(a) Second Protocol carryover - 1,804.

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Item	Third	Monthly	First Four	First Four	Difference			Second	Overall Difference		
	Protocol	Commitment	Months	Months	%	Shortage	Overage	Protocol	%	Shortage	Overage
	Commitment		Commitment	Availability				Carryover			
<u>Trucks (Cont'd)</u>											
Tank Transporter - 40 Ton	240										
	132,000	10,000 1st 6 Mo.	40,000	50							
		12,000 2nd 6 Mo.		51,299(b)		11,299	28.2	-		11,299	28.2
Motorcycles	12,000	1,000	4,000	5,546(c)		1,546	38.6			1,546	38.6
<u>Prime Movers for Artillery</u>											
Tractors, Medium M1	1,680	140	560	823		263	46.9	-		263	46.9
Tractors, Heavy M1	720	60	240	95(d)	60.4	145		-	60.4	145	
Cars, Half Track M9	600	50	200	130	35.0	70		-	35.0	70	
<u>Explosives</u>											
Toluol (Tons)	40,320	3,360	13,440	15,520		2,080	15.4	6,527		8,607	64.0
TNT (Tons)	26,880	2,240	8,960	11,360		2,390	26.6	23,493		25,883	288.8
Powder (Tons)	72,700	6,058	24,232	32,540		8,308	34.2	8,825		17,133	70.7
<u>Signal</u>											
Radio Stations Over 1 KW	61	5	20	10	50.0	10		4	30.0	6	
Radio Stations Less Than 1 KW	11,800	983	3,932	3,361	14.5	571		737		166	4.2
Radio Receivers	2,430	202	808	10	98.7	798		14	97.0	784	
Radio Beacons	235	20	80	95		5	6.2	-		5	6.2

(b) Second Protocol carryover - 9,337.

(c) Second Protocol carryover - 1,400.

(d) Revised figure.

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Regraded Unclassified

Item	Third Protocol Commitment	Monthly Commitment	First Four Months Commitment	First Four Months Availability	Difference				Second Protocol Carryover	Overall Difference				
					%	Shortage	Overage	%		%	Shortage	Overage	%	
Signal (Cont'd)														
Radio Direction Finding Set	150	13	52	-	100.0	52			-	100.0	52			
Radio Tubes	2,400,000	200,000	800,000	490,425	38.6	309,575			-	38.6	309,575			
Measuring & Test Equip. and Radio Parts	\$3,000,000	250,000	1,000,000	306,816	69.3	693,184			-	69.3	693,184			
Field Telephones	100,000	9,166	36,664	28,444	22.4	8,220			42,249			34,029	92.8	
Wire, Field Telephone (Miles)	186,000	15,500	62,000	251,726(e)			189,726(e)	306.2	-			189,726	306.0	
Field Battery Charging Station 1 1/2 KW	4,000	333	1,332	-	100.0	1,332			-	100.0	1,332			
Chemicals (Tons)														
Phenol	12,000	1,000	4,000	1,662	58.4	2,338			4,118.2			1,780.2	44.5	
Ethylene Glycol	3,360	280	1,120	250	77.6	870			4,134			3,264	291.4	
Methanol	6,720	560	2,240	-	100.0	2,240			2,991.8			751.8	33.5	
Atropine	6,720	560	2,240	-	100.0	2,240			-	100.0	2,240			
Glycerine	6,720	560	2,240	6,689(f)			4,449	198.6	2,498			6,947	310.1	
Acetone	6,720	560	2,240	-	100.0	2,240			1,249.8	44.1	990.2			
Other Chemicals	3,200	266	1,064	808	24.0	256			1,873			1,617	151.9	

(e) Second Protocol carryover included - 141,042.

(f) Delivery of 5,000 (L.T.) effected in United Kingdom.

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Item	Third Protocol Commitment	Monthly Commitment	First Four Months Commitment	First Four Months Availability	Difference		Second Protocol Carryover	Overall Difference	
					%	Shortage		Overage	%
<u>Quartermaster - Clothing &amp; Equipage</u>									
Leather (Tons)	18,000	1,500	6,000	5,790(g)	3.5	210	-	3.5	210
Army Boots (Prs.)	3,600,000	300,000	1,200,000	1,192,705	.6	7,295	137,468		130,173 10.8
Cotton Cloth (Yds.)	26,045,000	2,170,041	8,680,164	1,045,000(h)	87.97	7,635,164	-	87.9	7,635,164
Woolen Cloth (Yds.)	18,000,000	1,500,000	6,000,000	2,307,082	61.5	3,692,918	-	61.5	3,692,918
Tarpaulin (Yds.)	3,000,000	250,000	1,000,000	100,000	90.0	900,000	-	90.0	900,000
Webbing (Yds.)	12,000,000	1,000,000	4,000,000	8,985,198(i)			4,985,198 124.6	-	4,985,198 124.6
<u>Medical</u>									
Medical Supplies	\$12,000,000	1,000,000	4,000,000	1,713,090	57.1	2,286,910	2,077,536	5.2	209,374
<u>Transportation Equipment</u>									
Locomotives	700	58	232	70	69.8	162	-	69.8	162
Flat Cars	10,000	833	3,332	1,388	58.3	1,944	-	58.3	1,944

SECRET

Overall Difference

Shortage 2,077,536

Overage 11-6-43

SECRET

Regraded Unclassified

SECRET

ASST. DIR. SEC. I.A.D.

INITIALS

DATE

J.N.  
11-6-43

## TAB A1

## ITEMS SPECIFICALLY LISTED IN THIRD PROTOCOL SCHEDULE

<u>Item</u>	<u>Protocol Number</u>	<u>War Department Offerings Quantity</u>	<u>Tonnage</u>	<u>Offerings Made Available Quantity</u>	<u>Tonnage</u>	<u>Remarks</u>
<u>Tanks</u>						
Medium	I 2	2,000	60,600	531	16,089	
<u>Vehicles</u>						
Scout Car M3A1	I 9a	4,500	31,050	709	3,123	
Trucks $\frac{1}{2}$ Ton 4x4 (Jeeps)	I 9b	24,000	117,700	1,804(a) 7,800	1,858 8,034	
<u>Trucks</u>						
Truck $\frac{3}{4}$ Ton 4x4 WC	I 10a	12,900	33,282	156(a) 1,800	402 6,120	
Truck $\frac{3}{4}$ Ton 4x4 Carryall	I 10a	300	862	-	-	
Truck $1\frac{1}{2}$ Ton 4x2	I 10b	27,000	92,070	3,091(a) 14,822	10,540 50,520	
Truck $1\frac{1}{2}$ Ton 4x4	I 10b	27,000	109,552	1,566(a) 7,132	6,354 29,366	
Truck $2\frac{1}{2}$ Ton 6x4	I 10c	26,000	167,307	1,228(a) 6,750	7,902 43,436	
Truck $2\frac{1}{2}$ Ton 6x4 Tractor	I 10c	1,000	4,095	100	409	

(a) Available as of 6/30/43.

. SECRET

Regraded Unclassified

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Tab A1 - 2 of 6

<u>Item</u>	<u>Protocol Number</u>	<u>War Department Offerings</u>		<u>Offerings Made Available</u>		<u>Remarks</u>
		<u>Quantity</u>	<u>Tonnage</u>	<u>Quantity</u>	<u>Tonnage</u>	
<u>Trucks (Cont'd)</u>						
Truck 2½ Ton 6x6	I 10c	35,475	196,882	3,252(a) 11,158	18,048 61,927	
Truck 2½ Ton 6x6 Dump	I 10c	400	2,200	-	-	
Truck 2½ Ton 6x6 Radio Repair	I 10c	125	745	-	-	
Truck 5 ton 4x2 Dump	-	1,080	6,912	-	-	
Tank Transporter - 20 Ton	I 10c	480	42,105	44(a) 150	3,860 5,508	
Tank Transporter - 40 Ton	-	240	6,366	50	1,326	
Motorcycles	I 17	12,000	9,900	1,400(a) 4,146	1,155 1,113	
<u>Prime Movers for Artillery</u>						
Tractors, Medium M1	-	1,680	34,000	823	4,385	
Tractors, Heavy M1	-	720	18,000	95*	1,211	*Revised
Cars, Half Track M9	-	600	5,730	130	989	
<u>Explosives</u>						
Toluol (Tons)	I 13a	40,320	44,400	15,520	15,520	
TNT (Tons)	I 13b	26,880	30,600	11,350	11,350	

(a) Available as of 6/30/43.

SECRET
WH. DIR. I.A.D.
INITIALS <i>214</i>
DATE <i>11-6-43</i>

SECRET

Regraded Unclassified



SECRET

Tab A1 - 3 of 6

<u>Item</u>	<u>Protocol Number</u>	<u>War Department Offerings Quantity</u>	<u>Tonnage</u>	<u>Offerings Made Available Quantity</u>	<u>Tonnage</u>
<u>Explosives (Cont'd)</u>					
Powder (Tons)	I 14	72,700	<u>75,300</u>	32,540	<u>32,540</u>
Total			<u>1,089,658</u>		<u>343,093</u>
<u>Signal Equipment</u>					
<u>Radio Stations More Than 1 KW</u>	I 20a				
Radio Trans. & Rec. Station 50 KW		1	-	-	-
Radio Trans. & Rec. Station 10-15 KW		20	-	-	-
Radio Trans. & Rec. Station 2-3 KW		39	-	-	-
RCA - ET 4331		<u>1</u>	-	-	-
		61	910	10	81
<u>Radio Station Less Than 1 KW</u>	I 20b				
Radio Set SCR-299, 399		1,000	-	442	3,713
Radio Set SCR-284		4,500	-	2,059	414
Radio Set #19		2,300	-	-	-
Radio Set Pilot V-100		<u>4,000</u>	-	860	105
		11,800	11,850		
<u>Radio Receivers</u>	I 20c				
RCA Type AR-88		620	-	-	-
National Type HRO-MX		70	-	-	-
National Type HRO		230	-	-	-
Federal Type 128-A		200	-	-	-
Hallicrafter SX28		180	-	-	-
National Type NC-200		490	-	-	-
Hallicrafter S-29		230	-	10	-
RME-43		10	-	-	-
Bendix 2A-12B		200	-	-	-
Bendix Receivers		<u>200</u>	-	-	-
		2,430	160	-	-

SECRET
AUTH. DIR. 11-6-43
INITIALS <i>VH</i>
DATE 11-6-43

SECRET

Regraded Unclassified

SECRET

Tab A1 - 4 of 6

Item	Protocol Number	War Department Offerings Quantity	Tonnage	Offerings Made Available Quantity	Tonnage	Remarks
<u>Signal Equipment (Cont'd)</u>						
Radio Beacons						
SCR-177B	I 26	200	-	95	71	
Radio Transmitters Wilcox 96-200A (2½ KW)		3	-	-	-	
Radio Transmitters Wilcox FT.300 (3 KW)		10	-	-	-	
Radio Transmitter Pan American Airways		10	-	-	-	
Radio Range Beacons		12	-	-	-	
		235	1,222			
<u>Radio Direction Finding Set</u>						
Radio Set SCR-551		150	830	-	-	
Radio Tubes	I 23	2,400,000	520	490,425	37	
Measuring & Test Equipment and Radio Parts	I 28	\$3,000,000	350	\$306,816	104	
Field Telephones	I 11	100,000	60	28,444	96	
Wire, Field Telephone (Miles)	I 12	186,000	7,720	141,042(a) 110,684	5,781 4,510	
Field Battery Charging Station (1½ KW)	I 24	4,000	1,260	-	-	
Total			24,882		14,831	

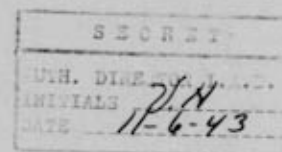
Chemicals

Phenol	(Tons)	II 36	12,000	12,960	1,662	1,796
Ethylene Glycol	(Tons)	II 38	3,360	3,700	250	275
Methanol	(Tons)	II 45	6,720	7,700	-	-

(a) Available as of 6/30/43.

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Tab A1 - 5 of 6
WTH. DIRE. A.D.
INITIALS <i>W</i>
DATE Remarks <i>11-6-43</i>

<u>Item</u>		<u>Protocol Number</u>	<u>War Department Offerings Quantity</u>	<u>Tonnage</u>	<u>Offerings Made Available Quantity</u>	<u>Tonnage</u>
<u>Chemicals (Cont'd)</u>						
Urotropine	(Tons)	II 46	6,720	7,600	-	-
Glycerine	(Tons)	II 61a11	6,720	7,400	6,689*	7,189
Acetone	(Tons)	II 61a5	6,720	7,900	-	-
Other Chemicals	(Tons)	II 61a	3,200	<u>3,200</u>	808	<u>808</u>
<b>Total</b>				<u>50,460</u>		<u>10,068</u>

\* Delivery of 5,000 (L.T.)  
effected in United Kingdom.

Note: Caustic Soda and Ethyl Alcohol no longer reported on Third Protocol Schedule as they are Treasury procured.

Quartermaster

Leather	(Tons)	II 71	18,000	18,000	4,250(a) 1,540	4,250 1,617
Army Boots	(Prs.)	II 72	3,600,000	9,000	1,192,705	3,161
Woolen Cloth	(Yards)	II 73a	18,000,000	16,300	2,307,082	2,382
Cotton Cloth	(Yards)	II 73b	26,045,000*	7,280	1,045,000(a)	280
Tarpaulin	(Yards)	-	3,000,000	2,300	100,000	109
Webbing	(Yards)	II 75	12,000,000*	2,400	6,000,000(a) 2,985,198	1,200 <u>239</u>
<b>Total</b>				<u>55,280</u>		<u>13,238</u>

\* Includes additional offer of  
1,045,000 yds. undelivered  
6/30/43.

\* Includes 6,000,000 yards esti-  
mated undelivered as of 6/30/43.

(a) Available as of 6/30/43.

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SECRET

Tab A1 - 6 of 6

<u>Item</u>	<u>Protocol Number</u>	<u>War Department Offerings Quantity      Tonnage</u>	<u>Offerings Made Available Quantity      Tonnage</u>
<u>Medical</u>			
Medical Supplies	-	\$12,000,000      1,200	\$1,713,090      299
<u>Transportation Equipment</u>			
Locomotives	-	700      131,600	70      7,729
Flat Cars	-	10,000 <u>150,000</u>	1,388 <u>30,536</u>
Total		<u>281,600</u>	<u>38,265</u>
GRAND TOTAL		1,503,080	419,794

Remarks

SECRET

AUTH. DIRECTOR, A.D.

INITIALS

11-6-43

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## TAB A2

SECOND PROTOCOL ITEMS AVAILABLE BUT NOT EXPORTED AS OF 6/30/43  
(Not Included in Third Protocol Schedule)

SECRET

AUTH. DIRECTOR I.A.D.

INITIALS

DATE 11-6-43

<u>Item</u>	<u>Protocol Number</u>	<u>War Department Offerings</u>	<u>Offerings Made Available</u>	<u>Remarks</u>
		<u>Quantity</u>	<u>Tonnage</u>	
		<u>Quantity</u>	<u>Tonnage</u>	
<u>ORDNANCE</u>				
30mm AA Gun	I 3a	20	173	
40mm AA Gun	I 4a	1,100	2,970	
Field Repair Shop	I 34	949	3,767	
Total			6,910	
<u>CWS CHEMICALS- (Tons)</u>				
Potassium Nitrate	II 50	2,499*	2,499*	* Revised figures due to change in amount repossessed.
Potassium Sulfate	II 60	1,000	1,000	
Ammonium Thiocyanate	II 51	1.7	1.7	
Resorcinol	II 53	30	30	
Strontium Oxalate	II 55	56	56	
Rhodamine	II 56	3.5	3.5	
Barium Peroxide	II 54	75	75	
Pyrocatechin	II 61a	8.4	8.4	
Trichlorethylene	II 61a	139.8	139.8	
White Phosphorus	II 40	518*	518*	* Revision of figures due to repossession of 82 tons.

SECRET

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<u>Item</u>	<u>Protocol Number</u>	<u>War Department Offerings Quantity</u>	<u>Tonnage</u>	<u>Offerings Made Available Quantity</u>	<u>Tonnage</u>
<u>CWS CHEMICALS-(Tons) (Cont'd)</u>					
Paraphentidin	II 61a	36.2	36.2	36.2	36.2
Bakelite Lacquer	II 61a	5.6	5.6	5.6	5.6
Black Lacquer	II 61a	28	28	28	28
Phenylguanidine	II 61a	152.1	152.1	152.1	152.1
Phenol	II 36	4,118.2	4,118.2	4,118.2	4,118.2
Sodium Bromide	II 39	516*	516*	516*	516*
Methanol	II 45	2,991.8	2,991.8	2,991.8	2,991.8
Zelan	II 61a	16.8	16.8	16.8	16.8
Neozone D	II 61a	33.6	33.6	33.6	33.6
Molybdic Acid	II 61a	17.2	17.2	17.2	17.2
Ethylene Glycol	II 38	4,134	4,134	4,134	4,134
Cerium Metal	II 58	9	9	9	9
Tungstic Acid	II 61a	13.9	13.9	13.9	13.9
Ethylene Dibromide	II 61a10	1,500	1,500	1,500	1,500
Ethyl Cellulose	II 61a	5.6	5.6	5.6	5.6
Magnesium Oxide	II 61a	5.6	5.6	5.6	5.6

Remarks

SECRET	
AUTH. DIRECTOR	A.D.
INITIALS	2/8
DATE	11-6-43

\* Revised figure due to change  
in amount repossessed.

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Item	Protocol Number	War Department Offerings		Offerings Made Available		Remarks
		Quantity	Tonnage	Quantity	Tonnage	
<u>CWS CHEMICALS-(TONS) (Cont'd)</u>						
Thirium	II 57	23.5	23.5	23.5	23.5	
Benzyl Chloride	II 61a	5.6	5.6	5.6	5.6	
Benzoldehyde	II 61a	2.9	2.9	2.9	2.9	
Methylaniline	II 61a	6.8	6.8	6.8	6.8	
Ethyl Alcohol Denatured	II 38a	236.6	236.6	236.6	236.6	
Paranitrochlorobenzol	II 61a	129.9	129.9	129.9	129.9	
Vistanex	II 77	174.9	174.9	174.9	174.9	
Acetone	II 61a5	1,249.8	1,249.8	1,249.8	1,249.8	
Ethylene Chlorhydrin	II 61a16	-	-	-	-	
Diethylene Glycol	II 61a17	368*	368*	368*	368*	* Revised
Potassium Bromide	II 61a	22.3	22.3	22.3	22.3	
Hydroquinine	II 61a	22.4	22.4	22.4	22.4	
Caustic Soda	II 61a3	4,077	<u>4,077</u>	4,077	<u>4,077</u>	
Total			<u>24,234.7</u>		<u>24,234.7</u>	
<u>ORDNANCE CHEMICALS</u>						
Dibutylphthalate	II 41	1,377	1,377	1,377	1,377	

SECRET	
AUTH. DIRECTOR	U.S.A.D.
INITIALS	UN
DATE	11-6-43

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<u>Item</u>	<u>Protocol Number</u>	<u>War Department Offerings Quantity</u>	<u>Tonnage</u>	<u>Offerings Made Available Quantity</u>	<u>Tonnage</u>
<u>ORDNANCE CHEMICALS (Cont'd)</u>					
Ethyl Centralite	II 52	162	162	162	162
Kolloxylene	II 44	600	600	600	600
Powder	I 14a	8,825	8,825	8,825	8,825
luol	I 13a	6,527	6,527	6,527	6,527
TNT	I 13b	23,493	23,493	23,493	23,493
Glycerine	II 61a11	2,498	<u>2,498</u>	2,498	<u>2,498</u>
Total			<u>43,482</u>		<u>43,482</u>

SECRET

 AUTH. DIRECTOR L.D.  
 INITIALS *S.H.*  
 DATE *11-6-43*
QUARTERMASTER

Army Boots	(Prs.)	II 72	137,468	343	137,468	343
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SIGNAL

Field Telephone	(Ea.)	I 11	42,249	253	42,249	253
Radio Set SCR-284			600	1	600	1
Radio Set SCR-299			25	146	25	146
Radio Set SCR-177-B			50	37	50	37
Radio Set SCR-610			120	17	120	17
Radio Set #19			112	12	112	12

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<u>Item</u>	<u>Protocol Number</u>	<u>War Department Offerings Quantity</u>	<u>Tonnage</u>	<u>Offerings Made Available Quantity</u>	<u>Tonnage</u>
<u>SIGNAL (Cont'd)</u>					
Radio Station 10-15 KW	-	4	260	4	260
Hammarlund Receivers	-	14	<u>1</u>	14	<u>1</u>
Total			<u>727</u>		<u>727</u>
<u>MEDICAL</u>					
Medical Supplies	-	\$2,077,536	865	\$2,077,536	865
GRAND TOTAL			76,561.7		76,561.7

Remarks

SECRET	
U.S. DIRECTOR I.A.D.	2/4
INITIALS	11-6-43
DATE	

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 AUTH. DIR. 1-1-43  
 INITIALS *VN*  
 DATE *11-6-43*

TAB A3

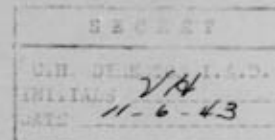
## ASSIGNED NON-PROTOCOL ITEMS

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	Tonnage	Subsequent to 6/30/43 Quantity	Tonnage	
<u>ORDNANCE</u>							
<u>Material</u>							
Gun, 40mm AA	2,550	1,146	300	135	2,097	943	
Gun, 90mm AA	120	1,038	-	-	60	519	
Gun, 3" AT SP	50	363	-	-	50	363	
Gun, 57mm AT SP	650	4,875	-	-	165	1,238	
Gun, Machine cal. .50 AA W/C	1,800	84	-	-	1,100	52	
Universal Carriers	12	6	12	6	-	-	
Binoculars 6x30 Mil Reticle	4,000	9	-	-	2,000	5	
Watch Stop Type BML	94	-	22	-	-	-	
Skid Chains (Sets)	31,000	12	7,000	3	7,950	3	
Spark Plugs (Ea.)	395,000	24	-	-	-	-	
Spare Parts (Lots)	50	1,700	50	1,700	-	-	
Brush Bores for Guns	700	3	700	3	-	-	
Battery Charging Units	200	38	-	-	-	-	
Pistol, Auto. cal. .45 M1911A1	500	1	-	-	-	-	

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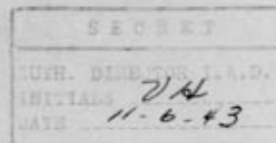
Item	War Department Offerings		Offerings Made Available				Remarks	
	Quantity	Tonnage	As of 6/30/43 Quantity	Tonnage	Subsequent to 6/30/43 Quantity	Tonnage		
<u>ORDNANCE</u>								
<u>Ammunition</u>								
Cart., AP cal. .30 (Unit 1000)	65,019	2,502	30,119	1,159	30,000	1,155		
Cart., Tracer cal. .30 (Unit 1000)	12,700	469	3,700	137	9,000	333		
Cart., Ball cal. .45 (Unit 1000)	168,393	4,547	44,000	1,188	116,892	3,215		
Cart., AP cal. .50 M1 W/Links (Unit 1000)	58,006	9,368	17,000	2,746	39,495	6,378		
Cart., Tracer cal. .50 W/Links (Unit 1000)	17,052	2,711	6,998	1,112	11,901	1,892		
Link, Metallic Belt cal. .30 (Unit 1000)	122,810	736	27,200	160	70,500	423		
Cart., cal. .30 M2 Short Tracer (Unit 1000)	10,860	401	3,000	111	6,400	236		
Cart., cal. .30 Incend. AC (Unit 1000)	108,126	3,892	62,686	2,256	42,000	1,512		
Cart., cal. .50 Incend. AC (Unit 1000)	95,259	14,717	32,900	5,083	62,359	9,634		
Cart., 20mm AP (Unit 1000)	950	356	350	131	600	225		
Cart., 20mm HE (Unit 1000)	1,850	693	300	112	1,401	525		
Shell, Fixed HE M54 (Rds.)	1,311,460	1,909	293,885	428	1,190,535	1,733		
Shot, Fixed APC M51 or AP M74, 37mm AT	242,561	598	90,000	221	-	-		



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Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	Tonnage	Subsequent to 6/30/43 Quantity	Tonnage	
<u>Ammunition (Cont'd)</u>							
Shot, Fixed AP, 37mm AC	515,250	808	-	-	315,250	494	
Shell, HE 12K1 & II, 40mm AA	962,458	3,234	322,458	1,083	640,000	2,150	
Shot, AP M81, 40mm AA	83,492	281	63,492	213	20,000	67	
Shell, HE M71, 90mm AA	90,400	2,666	14,400	425	76,000	2,242	
Proj. APC M82 or AP M77, 90mm AA	4,000	118	-	-	4,000	118	
Shell, HE s/o M48, 75mm Gun	645,069	9,031	142,269	1,991	397,340	5,562	
Shell, HE n/o M48, 75mm Gun	9,100	127	9,100	127	-	-	
Proj. APC M61 or AP M72, 75mm Gun	450,100	6,076	-	-	450,100	6,076	
Shell, HE M48, 75mm AC	4,200	57	-	-	1,402	19	
Shell, HE M42 3" T & AT	25,000	475	-	-	25,000	475	
Shot, APC M86 & AP M70, 57mm T & AT	310,000	3,646	-	-	310,000	3,645	
Rocket, AT 2.36" M6	20,920	73	20,920	73	-	-	
Rocket, AT 2.36" M7, Practice	1,605	5	1,000	3	605	2	
Total		<u>78,794</u>		<u>20,606</u>		<u>51,234</u>	
<u>ENGINEERS</u>							
Compass, Lensatic	750	1	-	-	750	1	
Cord, Detonating (100' Spools)	37,826	46	20,616	25	13,123	13	

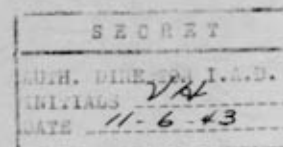


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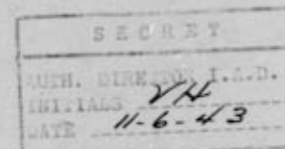
Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	Tonnage	Subsequent to 6/30/43 Quantity	Tonnage	
<u>ENGINEERS (CONT'D)</u>							
Searchlight 60" AA	138	1,380	46	460	84	223	
Cutters, Wire	115,000	367	10,000	31	40,000	130	
Dynamo Blasting Machine	50	1	50	1	-	-	
Fuze, Clover Brand (Pt.)	56,866,163	475	8,016,000	67	20,034,600	170	
Graders	22	132	16	102	6	30	
Road Rollers - 10 Ton	5	57	5	57	-	-	
Level, Engineers Complete W/Access.	100	2	-	-	25	1	
Mat, Landing, Pierced Plank Type (Sq. Ft.)	3,294,000	8,283	-	-	3,294,750	8,486	
Tape, Measuring Steel	300	1	-	-	300	1	
Cableway, Military Portable	15	660	-	-	-	-	
Cleaning Fluid F/Searchlight (Pt.)	424	1	-	-	424	1	
Compressor	1	177	-	-	-	-	
Fire Extinguishers	100	3	-	-	100	3	
Fiber Sheets, Vulcanized (Lbs.)	86,231	51	-	-	86,231	51	
Generating Plant	1	195	-	-	-	-	
Snow Plows Complete W/Access.	9	71	-	-	-	-	



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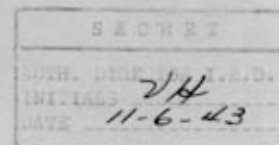
Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43		Subsequent to 6/30/43		
			Quantity	Tonnage	Quantity	Tonnage	
<u>ENGINEERS (Cont'd)</u>							
Wire Conductor, Rubber Covered 500' Coil	50	1	-	-	-	-	
Wire, Annunciator, 200' Rolls	125	1	-	-	125	1	
Cylinder, Oxygen	840	52	-	-	-	-	
Total		<u>11,957</u>		<u>743</u>		<u>9,111</u>	
<u>QUARTERMASTER - CLOTHING &amp; EQUIPAGE</u>							
Drawers, Wool	818,522	358	540,460	236	-	-	
Undershirts, Wool	707,730	308	637,787	278	-	-	
Jumper, Work Denim	196,000	120	196,000	120	-	-	
Trouser, Work Denim	300,000	185	299,897	184	-	-	
Boots, Rubber	8,000	27	-	-	8,000	27	
Bags, Barracks	2,675	1	-	-	75	-	
Anteen Cups	5,000	2	-	-	-	-	
Shovels, Entrenching	2,500	25	-	-	-	-	
Belts, Pistol	100,000	36	-	-	100,000	36	
Total		<u>1,062</u>		<u>818</u>		<u>63</u>	



SECRET

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Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43		Subsequent to 6/30/43		
	Quantity	Tonnage	Quantity	Tonnage	Quantity	Tonnage	
<u>CHEMICAL WARFARE SERVICE</u>							
Pot, Smoke (HC)	300,000	2,504	-	-	149,718	1,273	
<u>SIGNAL</u>							
Camera PH 330-G	10	.5	2	-	4	-	
Radio Set SCR-245	61	15	61	15	-	-	
Radio Set SCR-268	25	898	20	719	5	179	
Facsimile Equipment RC-120	10	1	-	-	-	-	
National HRO Receiver	28	1	28	1	-	-	
Telephone Cable Equipment WC 369 (Pt.)	5,000	.5	-	-	5,000	.5	
Film Dupont Type 228 (Pt.)	131,240	129	-	-	-	-	
Interphone Equipment RC-63	122	1	-	-	122	1	
Ink Recorder, RC-1016	25	2	-	-	25	2	
Total		<u>1,048</u>		<u>735</u>		<u>182.5</u>	
<u>TRANSPORTATION EQUIPMENT</u>							
Loading Beams	4	7	-	-	4	7	
GRAND TOTAL		95,372		22,902		61,870	



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AUTH. DIRECTOR I.A.D.

INITIALS *2/4*DATE *11-6-43*

TAB A4

## REQUISITIONED NON-PROTOCOL ITEMS

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	As of 6/30/43 Tonnage	Subsequent to 6/30/43 Quantity	Subsequent to 6/30/43 Tonnage	
<u>ORDNANCE</u>							
Spare Parts for Trucks (Lots)	21	-*	-	-	-	-*	
Chrysler Tank Gas Engine 5-Line W.G.	5	-	-	-	-	-	
Twin G.M. Diesel Engine w/Spares and Accessories	5	-	-	-	-	-	
S/P for 2nd Year Maintenance f/330 Light Tanks M3	629,588	-	629,588	-	-	-	
S/P for 2nd Year Maintenance f/150 Medium Tank M4	20,246	-	20,246	-	-	-	
S/P for Light and Medium Tank	6,079	-	6,079	-	-	-	
Switches f/Tank Turrets	400	-	280	-	-	-	
Turrets f/Light Tank	35	-	30	-	-	-	
Shut off Valve for Tanks	240	-	-	-	-	-	
S/P for 11,000 $\frac{1}{2}$ Ton 4x4 Willys (Lots)	110	-	-	-	-	-	

\* Tonnage figures on spare parts and tank components not available.

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Tab A4 - 2 of 8

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	As of 6/30/43 Tonnage	Subsequent to 6/30/43 Quantity	Subsequent to 6/30/43 Tonnage	
<u>ORDNANCE (Cont'd)</u>							
Electrical Equipment f/Trucks (Set)	600	-	-	-	-	-	<div>SECRET</div> <div>AUTH. DIR. I.A.D.</div> <div>INITIALS <i>2/H</i></div> <div>DATE <i>11-6-43</i></div>
Diesel Engine G.M. (Ea.)	1,500	-	479	-	369	-	
Parts for Dodge Engine (Lots)	20	-	-	-	-	-	
Equipment f/Maintenance of Trucks (Items)	119	-	-	-	-	-	
Felt Warming Cases f/Batteries (Ft.)	25,000	-	-	-	-	-	
Gaskets, Cover & Oil Filter Cartridge	38,500	-	-	-	-	-	
Gears for Diesel Engine	2	-	-	-	-	-	
Kits, Tool (Sets)	5,000	-	-	-	-	-	
Kits, Repair, Emergency (Ea.)	1,910	-	-	-	-	-	
Piston Rings (Sets)	120	-	-	-	50	-	
<u>EXPLOSIVES</u>							
Ammonite (L.T.)	8,633	9,497	3,174	3,492	5,459	6,005	
Ammonite Antigraffiti (L.T.)	300	330	-	-	197	217	
Engineers Non-Electric, Blasting Caps	11,795,000	71	1,935,000	12	9,860,000	59	

SECRET

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Tab A4 - 3 of 8

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43		Subsequent to 6/30/43		
			Quantity	Tonnage	Quantity	Tonnage	
<u>EXPLOSIVES (Cont'd)</u>							
Detonators	1,010,000	5	306,000	2	704,000	3	
Total		<u>9,903</u>		<u>3,506</u>		<u>6,284</u>	
<u>ENGINEERS</u>							
Horizontal Triplex Pumps	2	125	2	125	-	-	
Gar Wood Scrapers	40	410	40	410	-	-	
Graders	12	81	12	81	-	-	
Gar Wood Trailbuilders	9	29	-	-	9	29	
Earth Drills & Pole Setting Machine	22	371	-	-	22	371	
Road Rollers	6	40	-	-	6	40	
Sidebooms	16	119	-	-	16	119	
Cranes	28	277	-	-	-	-	
Outboard Motors	170	17	70	6	100	11	
Metallic Mirrors f/60" Searchlight	150	37	-	-	150	37	
Leather Driving Belts	10,000	6	10,000	6	-	-	
Fibre and Fibre Tube (L.T.)	38.5	51	38.5	51	-	-	

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Tab A4 - 4 of 8

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	Tonnage	Subsequent to 6/30/43 Quantity	Tonnage	
<u>ENGINEERS (Cont'd)</u>							
Fire Hose	(Ft.)	180,000	176	180,000	176	-	-
Total			<u>1,739</u>		<u>855</u>		<u>607</u>
<u>QUARTERMASTER - CLOTHING AND EQUIPAGE</u>							
Leather Belts		2,101,291	516	101,291	25	166,800	41
Leather Transmission Belting	(Meters)	250	1	250	1	-	-
Woolen Blankets	(Ea.)	743,591	1,461	734,150	1,443	5,701	11
Rubber Boots	(Pr.)	8,000	1	-	-	-	-
Ski Boots & Ski Bindings	(Prs.)	166,238	718	66,238	227	7,425	36
Buckles, Hooks & Eyes	(Doz.)	7,025,166	12	2,102,240	2	1,859,977	3
Twill	(Yd.)	1,170	-	-	-	-	-
Twill in Khaki	(Yd.)	13,575,064	3,557	8,931,065	2,302	1,746,793	497
Elastique Cloth	(Yd.)	750,000	493	-	-	124,963	84
Canton Flannel	(Yd.)	6,627,837	8,527	2,111,961	2,717	247,138	318
Flannelette	(Yd.)	13,628,525	1,869	11,834,315	1,638	1,689,171	217
Muslin, Bleached	(Yd.)	11,616,343	1,882	9,596,274	1,555	1,947,453	315

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DATE 11-6-43

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Tab A4 - 5 of 8

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	Tonnage	Subsequent to 6/30/43 Quantity	Tonnage	
<u>QUARTERMASTER - CLOTHING AND EQUIPAGE (Cont'd)</u>							
Muslin, Unbleached (Yd.)	5,963,557	966	5,511,669	893	458,749	74	
Sheetings (Yd.)	9,774,853	1,824	6,056,447	1,130	3,463,665	603	
Ticking (Yd.)	9,809,615	2,891	6,864,406	2,022	2,468,733	727	
Pillow Ticking (Yd.)	2,000,000	589	437,373	129	1,351,959	398	
Toweling (Yd.)	11,132,464	3,007	10,806,648	2,919	303,202	82	
Parachute Webbing (Yd.)	8,000,000	785	1,250,000	123	4,875,204	479	
Oilskin Material (Yd.)	1,000,000	393	124,041	49	602,942	221	
Shoe Eyelets (Gross)	4,367,667	2,358	1,246,833	674	2,000,000	1,080	
Rubber Heels (Pr.)	701,594	379	298,406	162	534,017	269	
Leather Jackets (Ea.)	73,250	424	48,200	279	10,700	55	
Arctic Suits (Ea.)	136,235	823	36,235	219	100,025	604	
Work Suits (Ea.)	300,000	471	188,801	297	110,387	173	
Cotton Underwear (Prs.)	2,000,000	1,100	1,499,887	772	505,186	382	
Alpaca Cloth (Yd.)	334,539	460	334,539	460	-	-	
Blue Denim (Yd.)	5,887,735	1,562	5,881,327	1,560	6,408	2	
Duck Cloth (Unit 295#)	2,695	390	2,695	390	-	-	

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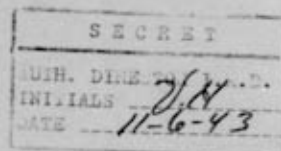
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Tab A4 - 6 of 8

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	Tonnage	Subsequent to 6/30/43 Quantity	Tonnage	
<u>QUARTERMASTER - CLOTHING AND EQUIPAGE (Cont'd)</u>							
Lining Cloth (Yd.)	10,879	2	10,858	2	-	-	
Grayfall Moleskin (Yd.)	2,209,885	716	2,209,885	716	-	-	
Carrier Outfit, Belt w/Mag. Case	250,000	110	55,458	24	188,397	83	
Hypoid Gear Oil (L.T.)	243	268	243	268	-	-	
Tuebrach's Extract (L.T.)	14	16	-	-	14	16	
Shoe Tacks (L.T.)	76	84	26	29	-	-	
Sewing Thread (Spools)	47,160,000	1,065	731,100	16	10,558,869	238	
Shoe Thread (L.T.)	200	220	24	26	144	158	
Shoe Yarn (L.T.)	200	220	13	14	80	88	
Electrolyte (Lbs.)	164,035	81	164,035	81	-	-	
Alcohol (Lbs.)	447,024	219	447,024	219	-	-	
Brake Fluid (Lbs.)	28,934	14	28,934	14	-	-	
Typewriters (Ea.)	51	1	51	1	-	-	
Clippers, Hand (Pr.)	50,000	15	-	-	-	-	
Total		<u>40,490</u>		<u>23,398</u>		<u>7,254</u>	



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Tab A4 - 7 of 8

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	Tonnage	Subsequent to 6/30/43 Quantity	Tonnage	
<u>SIGNAL EQUIPMENT</u>							
High Frequency Cables (Meters)	2,000	1	2,000	1	-	-	<div style="border: 1px solid black; padding: 5px;">           SECRET            AUTH. DIRECTOR A.D.            INITIALS <i>2/8</i>            DATE <i>11-6-43</i> </div>
Flashlights w/Spare Lamps and Lenses	100,000	79	55,000	43	20,000	16	
Microphones T-17 w/Accessories and Spares	30,000	20	12,000	8	18,000	12	
Microphones, Throat Type	40,000	22	-	-	17,100	10	
Mountings, Form Plate Square	13,315	.5	13,315	.5	-	-	
Potentiometer	1,500	.7	1,500	.7	-	-	
Auxiliary and Spare Equipment	17,806	4	9,503	2	-	-	
Batteries BA-43	5,000	15	-	-	5,000	15	
Leaded Insulated Cable (Ft.)	7,000	4	-	-	3,700	2	
Capacitors	17,745	1	1,200	-	9,162	-	
Carbonal Iron f/High Frequency Radio (L.T.)	3	4	-	-	3	4	
Kits, Fighting Obstruction Pole	20	1	-	-	-	-	
Plants, Electric Gas Type BLA-6	100	6	-	-	20	1	
Spare Parts for SCR-299	5,975	6	50	-	4,755	5	

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Tab A4 - 8 of 8

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43	Tonnage	Subsequent to 6/30/43	Tonnage	
<u>SIGNAL EQUIPMENT (Cont'd)</u>							
S/P and Equipment f/Radio Station 50 KW	24,070	243	2,800	26	1,230	42	<div style="border: 1px solid black; padding: 5px;">           SECRET            AUTH. DIRECTOR, I.A.C.            INITIALS <u>2/8</u>            DATE <u>11-6-43</u> </div>
Telephone Trans. and Receiving f/Headsets	125,000	<u>12</u>	65,000	<u>6</u>	60,000	<u>6</u>	
Total		<u>419.2</u>		<u>87.2</u>		<u>113</u>	
<u>CHEMICAL WARFARE SERVICE</u>							
Strontium Oxalate (Lbs.)	128,050	64	112,050	56	16,000	8	
White Phosphorus (Lbs.)	3,984,400	1,992	2,735,200	1,368	50,154	25	
Ethylene Chlorohydrin (Lbs.)	400,000	200	-	-	80,000	40	
Ammonium Bromide (Lbs.)	11,200	6	-	-	11,200	6	
Potassium Permanganate (Lbs.)	224,000	112	-	-	67,200	33	
Diphenylguanidine (Lbs.)	448,000	<u>224</u>	-	-	-	-	
Total		<u>2,598</u>		<u>1,424</u>		<u>112</u>	
GRAND TOTAL		55,149.2		29,270.2		14,370	

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11-6-43

SUMMARY OF TABULATION "B"

The attached tabulation reflects the status of factory deliveries and export of aircraft on the Third Protocol. The total Protocol Commitment for the first four months has been met by delivery at the factory.

Deliveries of planes for United Kingdom Protocol Commitment are also shown.

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AUTH. DIRECTOR I.A.D.  
INITIALS *2/11*  
DATE *11-6-43*STATUS OF AIRCRAFT ON THE THIRD RUSSIAN PROTOCOL  
AS OF 31 OCTOBER, 1943

<u>Type</u>	<u>Protocol Requirement to Date</u>	<u>Available at Factory</u>	<u>Departed from U.S.A.</u>			<u>Still in U.S.A.</u>
			<u>North</u>	<u>South</u>	<u>By Water</u>	
<u>U.S. Account</u>						
Medium Bombers B-25	100	124	86			38 (1)
Light Bombers A-20	400	455	232	111		112 (2)
Fighters P-40	400	400			372	28)
P-39	400	399	279		100	20)(3)
P-47	3	3	3			0)
Transports C-47	<u>80</u>	<u>94</u>	<u>55</u>	<u>—</u>	<u>—</u>	<u>39</u> (1)
Total U.S. Account	1,383	1,475	655	111	472	237
<u>U.K. Account</u>						
Fighters P-39	600	586	466			120 (3)

Note: (1) Enroute to point of departure.

(2) Two damaged - balance enroute to or at point of departure.

(3) Of a total of 168 fighters still in the United States, 11 are damaged and balance are enroute to or at point of departure.

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AUTH. DIRECTOR'S D.

INITIALS

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SUMMARY OF TABULATION "C"

This tab presents an analysis of the flow  
of selected items of supplies through the Persian  
Area to U.S.S.R.

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AUTH. DIRECTOR I.A.D.

INITIALS

DATE 11-6-43

STATUS OF PROJECTS IN PERSIAN AREA AS OF 23 OCTOBER, 1943

	Number Received in Persian Gulf to Date	Number Delivered to U.S.S.R. to Date
Trucks	58,428	55,258
Airplanes:		
A-20	1,037	998
B-25	124	124
P-40	693	429
P-39	1,166	792
AT-6	19	19
Total	3,039	2,362

	By Rail at <u>Teheran</u>	By U.S. <u>Trucks</u>	By U.S.S.R. <u>Trucks</u>	By U.K. <u>Trucks</u>	<u>Total</u>
Long tons delivered to U.S.S.R. from 24 September to 23 October, 1943.	118,234	27,292	48,676	17,234	211,436

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WAR DEPARTMENT  
WASHINGTON

11 August 1943.

The President,  
The White House.  
Dear Mr. President:

Action of the War Department in furnishing lend-lease aid to the Union of Soviet Socialist Republics to apply on the proposed Third Russian Protocol is summarized in the inclosed report for the period ending 31 July 1943.

The War Department is proceeding with the procurement and materials called for under the proposed Third Protocol, although the document has not been signed and no final selection has been made by the Union of Soviet Socialist Republics of all the ground military items to be delivered against the overall tonnage commitments of the proposed Third Protocol. The proposed Third Russian Protocol offerings furnished the War Department has procurement responsibility totaling approximately 1,676,948 short tons, in addition to airplanes. Against this total offering the Union of Soviet Socialist Republics' selections of ground items to date aggregate 221,272 short tons, all but 10,085 of which have been made available.

Factory deliveries of aircraft are ahead of schedule, and exports are proceeding as planned.

Responsibilities for delivery of material through the Persian Corridor route to Russia are being met.

Faithfully yours,

*Henry L. Stimson*

Incl:  
Tabs A thru D.

SECRETARY OF WAR..

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SUMMARY OF TABULATION "A"

The attached tabulation summarized below reflects the status of Military Ground Items against the Third Russian Protocol as of 31 July, 1943.

		<u>Tonnage</u>
Third Protocol Offering	1,616,276	
Quantities offered and made available on the Second Protocol, reoffered under the Third Protocol	<u>60,672</u>	
Total Offering		1,676,948
U.S.S.R. Selections		221,172
Selections Made Available		211,097

- (a) Quantities offered on the Second Protocol unoffered as of 31 June, 1943, and reoffered
- (b) An additional quantity of this item made available on the Third Protocol and offered
- (c) All quantities made available against the Third Protocol and reoffered as of 31 July, 1943.
- (d) In some cases quantities of all items are offered.

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WAR DEPARTMENT

STATUS OF MILITARY GROUND ITEMS ON THE THIRD RUSSIAN PROTOCOL  
AS OF 31 JULY, 1943

Item	Protocol Number	Third Protocol Offering		U.S.S.R. Selections		Selections Made Available		Remarks
		Quantity	Tonnage	Quantity	Tonnage	Quantity	Tonnage	
<u>Tanks</u>								
Medium	I 2	2,000	60,600	150	4,545	-	-	
<u>Guns</u>								
90mm AA	I 3	20(a) 40(d)	190 380	20(c) 40(d)	190 380	20 -	190 -	
40mm AA	I 4a	1,175(a) 650(d)	3,175 1,755	1,175(c) 650(d)	3,175 1,755	1,175 -	3,175 -	
37mm AA	I 4b	76(a)	227	76(c)	227	76	227	
50 caliber Twin Machine Gun	I 4c	900	5,800	-	-	-	-	

LEGEND:

- Quantities offered on the Second Protocol unshipped as of 30 June, 1943, and reoffered under the Third Protocol.
- An additional quantity of this item made available on the Second Protocol and unshipped as of 30 June, 1943, is offered under the Third Protocol. This quantity is at present undetermined but is being audited.
- All materials made available against the Second Protocol and unshipped as of 30 June, 1943, are considered to have been selected by U.S.S.R. for shipment against the Third Protocol tonnage commitment, unless specifically declined by U.S.S.R.
- In cases where assignment of an item not specifically listed in the Third Protocol is made, it is construed to be both an offering and selection.

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Item	Protocol Number	Third Protocol Offering		U.S.S.R. Selections		Selections Made Available		Remarks
		Quantity	Tonnage	Quantity	Tonnage	Quantity	Tonnage	
<u>Vehicles</u>								
Scout Cars, M3A1, w/armament	I 9a	4,500	19,822	500	2,200	-	-	
Trucks $\frac{1}{2}$ ton 4x4 (Jeeps)	I 9b	24,000	117,700	3,104	15,209	3,104	15,209	
Trucks	I 10	132,000	643,800	13,249	64,618	13,249	64,618	
Field Repair Shops	I 34	751(a)	4,881	751(c)	4,881	751	4,881	
Motorcycles	I 17	12,000	9,900	1,800	1,485	1,800	1,485	
Prime Movers for Artillery	I 18	3,000	62,000	174	1,270	124	930	
<u>Explosives</u>								
Toluol (tons)	I 13a	40,320	44,400	6,094 6,527(c)	6,710 7,187	6,094 6,527(c)	6,710 7,187	
TNT (tons)	I 13b	26,880	30,600	2,450 23,493(c)	2,789 26,744	2,450 23,493	2,789 26,744	
Powder (tons)	I 14	72,700	75,300	5,801 8,825(c)	6,008 9,140	5,801 8,825	6,008 9,140	

(a) 6,000,000 rounds chargeable to United Kingdom Protocol commitment.  
 (b) 800,000 rounds chargeable to United Kingdom Protocol commitment.

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Note 1:

The Third Russian Protocol provides that "Ammunition for all weapons will be supplied in the same proportion as for United States troops and, if practicable, in an amount equal to the accuracy life of weapons".

Pursuant to this commitment, finished ammunition has been furnished to U.S.S.R. The summary below covers assignments made for the month of July, 1943. Ammunition assigned ordinarily becomes available within 45 days after assignment.

AMMUNITION (rounds)

Cart., cal. .30 AP	10,000,000
Cart., Tracer, cal. .30	5,000,000
Cart., Incendiary, cal. .30 (AC)	26,000,000 (a)
Cart., Ball, cal. .45	19,000,000
Cart., cal. .50 AP	5,000,000
Cart., cal. .50, Incendiary (AC)	10,600,000 (b)
Cart., cal. .50, Tracer	1,000,000
Links, Met. Belt, cal. .30	19,000,000
Cart., 20mm AP	300,000
Shell, HE, 90mm AA	38,000
Cart., 20mm HE	400,000
Projectile APC, 90mm AA	2,000
Projectile APC, 75mm Gun	100
Shot AP, 57mm T & AT	100

- (a) 6,000,000 rounds chargeable to United Kingdom Protocol commitment.  
 (b) 600,000 rounds chargeable to United Kingdom Protocol commitment.

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Item	Protocol Number	Third Protocol Offering		U.S.S.R. Selections		Selections Made Available		Remarks
		Quantity	Tonnage	Quantity	Tonnage	Quantity	Tonnage	
<u>Signal Equipment</u>								
Telephones, Field	I 11	100,000	600	10,040 42,249(c)	60 253	10,040 42,249(c)	60 253	
Wire, Field, Telephone (miles)	I 12	186,000	7,720	22,520 141,042(c)	913 42	22,520 141,042(c)	913 42	
Radio Tubes	I 23	2,400,000	520	162,504	35	162,504	35	
Field Battery Charging Station (1 1/2 KW)	I 24	4,000	1,260	2,524(c)	795	2,524(c)	795	
Radio Direction Finding Sets	I 27	150	830	-	-	-	-	
Measuring and Test Equipment and Radio Parts	I 28	\$3,000,000	350	\$92,984	11	\$92,984	11	
Submarine Cable (KM)		600	2,630	-	-	-	-	
Marine Cable (KM)		1,200	1,200	-	-	-	-	
Radio Stations - Output over 1 KW		61	910	7	104	7	104	
Radio Stations - Output less than 1 KW		11,800	11,850	1,421	583	980	480	
Radio Receivers		2,000	160	-	-	-	-	
Radio Altimeters		-	-	10	-*	10	-*	* Tonnage not available.

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Item	Protocol Number	Third Protocol Offering		U.S.S.R. Selections		Selections Made Available		Remarks
		Quantity	Tonnage	Quantity	Tonnage	Quantity	Tonnage	
<u>Quartermaster Items</u>								
Sole Leather (tons)	II 71	18,000	18,000	4,250(c)	4,250	4,250	4,250	Data will be supplied to all countries in order to insure procurement and storage of chemicals to shipping availability. The War Department will make available not more than approximately 50 days indicated shipping requirements during the Third Protocol period, at any given time.
Army Boots (pairs)	II 72	3,600,000	9,000	362,318	905	362,318	905	
				137,468(e)	343	137,468	343	
Woolen Cloth (yards)	II 73a	18,000,000(b)	16,300	214,150	193	214,150	193	
Cotton Cloth (yards)	II 73b	25,000,000	7,000	-	-	-	-	
Tarpaulin (yards)	-	3,000,000	2,300	-	-	-	-	
Webbing (yards)	II 75	6,000,000	1,200	4,360,556	872	4,360,556	872	
		20,050,958(a)	4,000	20,050,958(e)	4,000	20,050,958	4,000	
Acetone	II 93	75(a)	75	75(a)	75	75	75	
Marine Barbed Wire	II 94	75(a)	75	75(a)	75	75	75	
Ethylene Glycol	II 34	4,350	4,350	4,350(a)	4,350	4,350	4,350	
		4,350(a)	4,350					
Ethyl Alcohol	II 36a	107,220	122,900	270(c)	270	270	270	
		237(a)	270					
Ethyl Potassium	II 41	1,377	1,377					
Dimethylamine	II 42	1,602	1,602					
Diphenylamine	II 43	936	936					

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Item	Protocol Number	Third Protocol Offering		U.S.S.R. Selections		Selections Made Available		Remarks
		Quantity	Tonnage	Quantity	Tonnage	Quantity	Tonnage	
<u>Chemicals</u>								Note with respect to all Chemicals
Phenol (tons)	II 36	12,000 4,118(a)	12,000 4,118	4,118(c)	4,118	4,118	4,118	In order to adjust procurement and storage of chemicals to shipping availability, the War Department will make available not more than approximately 90 days indicated shipping requirements during the Third Protocol period, at any given time.
Sodium Bromide (tons)	II 39	359(a)	359	359(c)	359	359	359	
Phosphorus (tons)	II 40	600(a)	600	600(c)	600	600	600	
Ammonium Chloride (tons)	II 48	4,149(a)	4,149	4,149(c)	4,149	4,149	4,149	
Potassium Nitrate (tons)	II 50	900(a)	900	900(c)	900	900	900	
Ammonium Cyanide (tons)	II 51	1.7(a)	1.7	1.7(c)	1.7	1.7	1.7	
Resorcinol (tons)	II 53	70(a)	70	70(c)	70	70	70	
Barium Peroxide (tons)	II 54	75(a)	75	75(c)	75	75	75	
Ethylene Glycol (tons)	II 38	3,360 4,134(a)	3,700 4,547	4,134(c)	4,547	4,134	4,547	
Ethyl Alcohol (tons)	II 38a	107,520 237(a)	122,600 270	237(c)	270	237	270	
Dibutyl Phthalate (tons)	II 41	1,377	1,377	-	-	-	-	
Dimethylaniline (tons)	II 42	1,602	1,602	-	-	-	-	
Diphenylamine (tons)	II 43	936	936	-	-	-	-	

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Item	Protocol Number	Third Protocol Offering		U.S.S.R. Selections		Selections Made Available		Remarks
		Quantity	Tonnage	Quantity	Tonnage	Quantity	Tonnage	
<u>Chemicals (Cont'd)</u>								
Colloxyline (tons)	II 44	682(a)	682	682(c)	682	682	682	
Methanol (tons)	II 45	6,720 2,992(a)	7,700 3,410	2,992(c)	3,410	2,992	3,410	
Urotropine (tons)	II 46	6,720	7,600	625	706	-	-	
Strontium Oxalate (tons)	II 55	56(a)	56	56(c)	56	56	56	
Rhodamine (tons)	II 56	2(a)	2	2(c)	2	2	2	
Thorium (tons)	II 57	23(a)	23	23(c)	23	23	23	
Cerium Metal (tons)	II 58	4.5(a)	4.5	4.5(c)	4.5	4.5	4.5	
Potassium Sulphate (tons)	II 60	17,595(a)	17,595	17,595(c)	17,595	17,595	17,595	
Ethyl Centralite (tons)	II 52	162	162	137	137	91	91	
Vistanex (tons)	II 77	560	560	-	-	-	-	
Other Chemicals(e) (tons)	II 61a	56,112 10,797(a)	58,952 11,337	10,797(c)	11,337	10,797	11,337	

- (e) The Second Protocol commitment on specific chemical items was enlarged by subsequent agreement to include 60,000 short tons "designed to make allowance for the considerable volume of additional requests which U.S.S.R. will need to make". Availability was to "depend upon the supply situation prevailing at the time particular requests are made". Quantities offered on the Second Protocol unshipped as of 30 June, 1943, are reoffered under the Third Protocol. The Third Protocol provides for an offering of 13,400 short tons of chemical items.

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<u>Item</u>	<u>Protocol Number</u>	<u>Third Protocol Offering</u>		<u>U.S.S.R. Selections</u>		<u>Selections Made Available</u>		<u>Remarks</u>
		<u>Quantity</u>	<u>Tonnage</u>	<u>Quantity</u>	<u>Tonnage</u>	<u>Quantity</u>	<u>Tonnage</u>	
<u>Locomotives and Flat Cars</u>								
Locomotives		500	94,000	-	-	-	-	
Flat Cars		10,000	150,000	-	-	-	-	
<u>Medical</u>								
Medical Supplies		\$12,000,000(b)	1,200	\$323,133	32	\$323,133	32	
				\$2,262,790(c)	226	\$2,262,790	226	

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STATUS OF AIRCRAFT ON THIRD RUSSIAN PROTOCOL  
AS OF 31 JULY, 1943

	Protocol Requirement for July	Available at	Exported from U.S.A. by air	Still in U.S.A.
<u>SUMMARY OF TABULATION "B"</u>				
<u>U.S. Aircraft</u>				
Light Bombers 1-37	37	37	37	0 (0)
Fighters 2-30	30	30	30	0 (0)
Transport 0-47	47	47	47	0 (0)
Total U.S. Aircraft	114	114	114	0 (0)
<u>U.K. Aircraft</u>				
Fighters 1-35	35	35	35	0 (0)

The attached tabulation shows the status of factory deliveries and export of aircraft on the Third Protocol. The total Protocol commitments for July have more than been met by delivery at the factory.

Deliveries of planes for United Kingdom Protocol are shown in the attached schedule.

- Note 1: Reports to us at point of departure.
- Note 2: Reports (77) aircraft to us at point of departure, one (1) damaged.
- Note 3: Reports from (94) aircraft to us at point of departure, one (1) damaged.

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STATUS OF AIRCRAFT ON THIRD RUSSIAN PROTOCOL  
AS OF 31 JULY, 1943

<u>Type</u>	<u>Protocol Requirement for July</u>	<u>Available at Factory</u>	<u>Departed from U.S.A. By Air</u>			<u>Still in U.S.A.</u>
			<u>North</u>	<u>South</u>	<u>By Water</u>	
<u>U.S. Account</u>						
Medium Bombers B-25	25	25	14			11 (1)
Light Bombers A-20	100	100	92			8 (2)
Fighters P-40	100	98			59	39 (1)
P-39	100	191	2		80	109 (1)
Transports C-47	20	25	25			
Total U.S. Account	<u>345</u>	<u>439</u>	<u>133</u>		<u>139</u>	<u>167</u>
<u>U.K. Account</u>						
Fighters P-39	150	167	122			45 (3)

Note 1: Enroute to or at point of departure.

Note 2: Seven (7) enroute to or at point of departure, one (1) damaged.

Note 3: Forty-four (44) enroute to or at point of departure, one (1) damaged.

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SUMMARY OF TABULATION "C"

This tab presents an analysis of the flow  
of selected items of supplies through the Persian  
Area to U.S.S.R.

	By Rail from Persia to U.S.S.R.	By Air from Persia to U.S.S.R.	By Sea from Persia to U.S.S.R.	By Air from U.S.S.R. to Persia	Total
Items shipped to U.S.S.R. from 21 June 44 to 21 July 1945	11,179	19,405	21,981	25,025	77,590

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STATUS OF PROJECTS IN PERSIAN AREA AS OF 24 JULY, 1943

	<u>Number Received in Persian Gulf to Date</u>	<u>Number Delivered to U.S.S.R. to Date</u>
Trucks	44,388	34,649
Airplanes:		
A-20	979	920
B-25	124	123
P-40	452	267
P-39	429	259
AT-6	18	18

	<u>By Rail at Teheran</u>	<u>By U. S. Trucks</u>	<u>By U.S.S.R. Trucks</u>	<u>By U.K. Trucks</u>	<u>Total</u>
Long tons delivered to U.S.S.R. from 26 June to 24 July, 1943	76,759	14,615	53,401	15,095	159,870

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TABULATION "D"

SUPPLEMENTAL RUSSIAN PROTOCOL ITEMS FURNISHED TO U.S.S.R.

(Availability figures on these items as of 30 June, 1943)

<u>General Classification</u>	<u>Estimated Dollar Value</u>
Chemical Warfare Items	\$ 62,624
Engineer Items	3,217,369
Quartermaster Items	44,130,520
Signal Items	12,000
Ordnance Items:	
Motor Transport	\$ 806,070
Miscellaneous Supplies	3,830,593
General Ordnance	20,829,070
	25,465,733
	<u>\$72,888,246*</u>

\*Revised

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*Persian*

WAR SHIPPING ADMINISTRATION  
WASHINGTON 25, D.C.

August 10, 1943

MEMORANDUM FOR THE PRESIDENT.

During July the tonnage discharged in the Persian Gulf for Russian and Army account approximated 210,000 long tons. This is the first month since operations started in that area when performance matched estimates. The substantial improvement over the June rate came as a welcome surprise and if it can be maintained or even bettered it augurs very well for the future.

The backlog of Russian and Army cargo in the Persian Gulf on August 1st was 126,819 tons, but if the present discharge rate holds up this surplus will have completely disappeared by the end of September. It seems reasonably certain now there will be some surplus capacity by October, so if the route is to be kept full, either the British will have to schedule a few ships there monthly or we will have to increase our quota. As a matter of fact, when we learned of the July results in the Persian Gulf we increased our August sailings from nineteen to twenty-two so as to insure full operations during October.

During July we cleared a total of sixteen ships for the Persian Gulf; fifteen of these cleared from Philadelphia and one from Buenos Aires. The latter took a cargo of 7,013 tons, chiefly canned corned beef, from the Argentine. In addition to the above the Army sailed four ships from Charleston; so between the two we cleared a grand total of 140,167 tons. (See Exhibit A attached).

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As stated previously, we have scheduled in August twenty-two ships exclusive of the Army for the Persian Gulf and we expect to sail that many during the month. (See Exhibit B attached).

We were a little disappointed in our July performance on the Pacific Coast for we only cleared a total of 212,000 long tons, including the Arctic. We fully expected to reach this figure exclusive of the Arctic program. The ships did not present as we had anticipated. A total of forty ships did clear during the month; twenty-six with 161,000 long tons for Vladivostok and outports and fourteen ships with 51,000 long tons destined for the Arctic.

Our operations on the Pacific Coast are still not as satisfactory as they should be. Each month we note some improvement but there are so many imponderables to be reckoned with that we are constantly faced with one handicap or another. Right now we are in the anomalous position of having sufficient ships on berth and an ample supply of labor but are suffering from a shortage of cargo because it does not arrive fast enough. There is plenty of reserve tonnage in the holding stations back of the ports, such as Pasco, but the procedure involved in calling it forward is too cumbersome and is causing the present difficulty. Remedial measures have already been taken, so normal operations should resume momentarily.

The North Russia situation remains as previously reported. We cabled Mr. Harriman last week stating that we would require about

**SECRET**

two months' advance notice, if the Northern convoys were resumed, in order to insure getting both necessary ships and cargo.

Respectfully submitted,

*E. S. Land*  
E. S. Land  
Administrator

*L. W. Douglas*  
L. W. Douglas  
Deputy Administrator

DISBURSEMENTS BY VESSEL:

1. William C. Rogers	10,000	500,000	5,000	July 20	Full.
2. Robert Rogers	10,000	500,000	5,000	July 20	Full.
3. William C. Rogers	10,000	500,000	5,000	July 20	Full.
4. Robert Rogers	10,000	500,000	5,000	July 20	Full.
5. William C. Rogers	10,000	500,000	5,000	July 20	Full.

DISBURSEMENTS:

1. William C. Rogers	5,000	250,000	2,500	July 20	Full.
2. Robert Rogers	5,000	250,000	2,500	July 20	Full.
3. William C. Rogers	5,000	250,000	2,500	July 20	Full.
4. Robert Rogers	5,000	250,000	2,500	July 20	Full.

REVENUE FROM SALES OF ALUMINUM - JULY 1947

	Revenue	Cost	Profit	Balance	Notes
1. Aluminum Sales	10,000	500,000	5,000	July 20	Full.
2. Aluminum Sales	10,000	500,000	5,000	July 20	Full.
3. Aluminum Sales	10,000	500,000	5,000	July 20	Full.
4. Aluminum Sales	10,000	500,000	5,000	July 20	Full.

REVENUE FROM SALES:

1. Aluminum Sales	5,000	250,000	2,500	July 20	Full.
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( Exhibit A )

PERSIAN GULF SOVIET AID ALLOCATIONS - JULY, 1943

	<u>Deadweight</u>	<u>Cubic</u>	<u>Loaded</u>	<u>Sailed</u>	<u>From</u>
DEPARTURES IN UGS #12:					
1. Oliver Wolcott	10,500	500,245	7,590	July 7	Phila.
2. Charles Bullfinch	10,500	500,245	7,245	July 7	Phila.
3. Edward L. Grant	10,500	500,245	6,889	July 10	Phila.
4. Nathaniel Alexander	10,500	500,245	6,693	July 10	Phila.
5. Edwin Booth	10,500	500,245	6,807	July 10	Phila.
6. Alexander H. Stevens	10,500	500,245	7,558	July 10	Phila.

DEPARTURES IN UGS #13:

1. William Grayson	10,500	500,245	6,909	July 22	Phila.
2. Samuel Seabury	10,500	500,245	6,885	July 24	Phila.
3. Washington Irving	10,500	500,245	7,492	July 24	Phila.
4. George E. Pickett	10,500	500,245	8,990	July 24	Phila.
5. William Tilghman	10,500	500,245	7,606	July 26	Phila.

INDEPENDENTS:

1. China Mail	9,500	530,110	6,330	July 17	Phila.
2. Cape Lookout	7,416	446,100	5,028	July 18	Phila.
3. Exhibitor	9,902	555,111	7,260	July 21	Phila.
4. Cape Cod	9,316	452,420	6,624	July 31	New York
	<u>151,634</u>	<u>7,486,436</u>	<u>105,907</u>		

PERSIAN GULF ARMY ALLOCATIONS - JULY, 1943

	<u>Deadweight</u>	<u>Cubic</u>	<u>Loaded</u>	<u>Sailed</u>	<u>From</u>
1. Joseph La Conte	10,500	500,245	6,095	July 4	Charleston
2. Thomas Jarvis	10,500	500,245	6,787	July 7	"
3. Hutchinson I. Cone	10,500	500,245	6,803	July 18	"
4. John Merrick	10,500	500,245	7,562	July 30	"
	<u>42,000</u>	<u>2,000,980</u>	<u>27,247</u>		

BUENOS AIRES SHIP:

1. Cape Alava	8,977	460,000	7,013	July 17	Buenos Aires
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( Exhibit B )

PERSIAN GULF SOVIET AID ALLOCATIONS - AUGUST, 1943

	<u>Deadweight</u>	<u>Cubic</u>	<u>Availability Date</u>
VESSELS EXPECTED TO SAIL IN UGS #15:			
1. William Gaston	10,500	500,245	Aug. 4
2. John M. Clayton	10,500	500,245	Aug. 1
3. Jose Marti	10,500	500,245	Aug. 2
4. George Taylor	10,500	500,245	Aug. 1
5. Jubal Early	10,500	500,245	Aug. 1
6. Julian Poydras	10,500	500,245	Aug. 2
7. Cape Charles	7,416	450,000	Aug. 4

VESSELS EXPECTED TO SAIL IN UGS #16:			
1. Edward Everett	10,500	500,245	Aug. 9
2. William H. Aspinwall	10,500	500,245	Aug. 10
3. John W. Powell	10,500	500,245	Aug. 10
4. Henry H. Richardson	10,500	500,245	Aug. 13
5. John T. Holt	10,500	500,245	Aug. 11
6. Benjamin Chew	10,500	500,245	Aug. 12

VESSELS EXPECTED TO SAIL IN UGS #17:			
1. Joshua Thomas	10,500	500,245	Aug. 18
2. Henry J. Raymond	10,500	500,245	Aug. 20
3. Charles Henderson	10,500	500,245	Aug. 16
4. Leslie M. Shaw	10,500	500,245	Aug. 20
5. Arunah S. Abell	10,500	500,245	Aug. 15
6. John Page	10,500	500,245	Aug. 20
7. John Holmes	10,500	500,245	Aug. 20
8. Juan De Fuca	10,500	500,245	Aug. 23

INDEPENDENTS:

1. Tosari	9,750	450,000	Aug. 11
2. Cape Spencer	7,416	448,100	Aug. 13
	<u>234,582</u>	<u>11,351,000</u>	

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OFFICE OF LEND-LEASE ADMINISTRATION  
FIVE-FIFTEEN 22d STREET NW.  
WASHINGTON, D. C.

E. R. Stettinius, Jr.  
Administrator

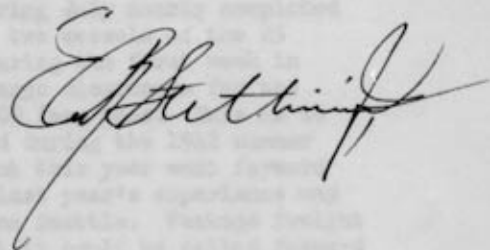
August 10, 1943

MEMORANDUM

TO: The President  
FROM: E. R. Stettinius, Jr.  
SUBJECT: Soviet Supply Program

In accordance with your directive to me dated October 2, 1942, I have prepared a brief statement of the major current factors in the Soviet supply situation.

The regular monthly statistical report on the entire program will follow in due course as soon as the information has been gathered and correlated.



FOR DEFENSE



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## THE SOVIET SUPPLY PROGRAM

### I. Third Protocol

July sailings totaled 57 full vessels and four partial cargoes, to carry an estimated tonnage of 375,000 short tons. This tonnage fell some 50,000 short tons below the requirement of 425,000 short tons, which is the average monthly tonnage necessary to meet the Third Protocol shipping estimates.

The majority of the departures were from the West Coast for the Soviet Far East. Twenty-six vessels carried 177,000 short tons. After the lull during June on the Persian Gulf route, 17 vessels sailed during July. This clearance restored departures for the route to their usual level. These vessels will proceed through the Mediterranean and are expected to reach Persian Gulf ports in slightly over 40 days. The first convoy of Soviet supply vessels through the Mediterranean arrived in Persian Gulf ports in July.

Clearances for August are expected to reach nearly 500,000 short tons. This increase is anticipated because of the availability of a larger number of vessels at West Coast ports than is usual. A total of 57 dry cargo vessels and 9 tankers have been transferred to Soviet registry for use on the Pacific since July, 1942.

### II. Arctic Program

Clearance of 14 vessels during July nearly completed this season's Arctic Program. The final two vessels of the 25 scheduled for the 1943 season departed during the first week in August. These vessels bring the total cargo clearances for the Arctic 1943 season to approximately 90,000 long tons. This is to be compared with 67,000 long tons shipped during the 1942 summer season on 23 vessels. The Arctic movement this year went forward without difficulty due to the fact that last year's experience was relied upon in planning for shipments from Seattle. Package freight was arranged in convenient depots so that it could be called forward to meet the peculiar requirements of numerous small consignments to the various Arctic stations, which form the ports of call of the Arctic vessels.

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### III. Airplanes

July deliveries of airplanes exceeded those of any previous month with clearances of 566 planes. These clearances included 226 for the account of the United Kingdom. The percentage of flight deliveries over the Alaskan route was reduced from 88% in June to approximately 57% in July. This reduction in the percentage of flight deliveries was due primarily to the resumption of shipping to the Persian Gulf after the July lull.

Deliveries of C-47 transport planes have now reached 103. These planes are accounting for an increasingly larger share of deliveries of emergency freight. War Department estimates show that each plane carries approximately 8,000 pounds per trip of airplane spare parts, base equipment for the Siberian airdromes, and other items urgently needed.

### IV. Procurement

No selection within the terms of the Third Protocol has yet been received from the Soviet representatives. In spite of this fact, procurement is progressing in accordance with a plan developed by this Administration for controlling the flow of requisitions within the limitations developed from past shipping experience. While this procedure does not present the clear-cut program which is desirable if stockpiles are to be controlled precisely, it permits continued operation while the Soviet Government deliberates.

Protocol offerings were increased during July by the addition of quantities of vegetable oils and animal fats and by the addition of offerings of paper and fiber products which are to be added as a supplement to the United States schedule of supplies attached to the Third Protocol. Soviet requests for synthetic rubber plants and certain other industrial projects were officially rejected.

WAR DEPARTMENT  
WASHINGTON

9 July 1943.

The President,

The White House.

Dear Mr. President:

Progress of the War Department in meeting its responsibility in connection with the Second Russian Protocol is summarized in the enclosed report for the period ending 30 June 1943.

The entire program commitment has been made available on 29 of the 54 items procured by the War Department. All other ground items are being furnished as shipping is available with four exceptions. The War Department has made available to the U.S.S.R. more than 782,778 short tons of major items of armament and military equipment listed on the Second Protocol.

Factory delivery of planes for U.S.S.R. account has been up to the Protocol requirements. Ninety-six per cent of the planes made available has been exported from continental United States. An additional 111 planes beyond Protocol requirements have been made available.

Faithfully yours,

*RL P P*

ACTING SECRETARY OF WAR.

Incl:

Tabs A thru F.

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SUMMARY BY ITEM OF GROUND MILITARY ITEMS ON SECOND RUSSIAN PROTOCOL AS OF JUNE 30, 1943

Items where entire Protocol commitment has been made available - Twenty-nine.

- I - 9.(b) Trucks, 1/4 ton 4x4
- I - 11. Field Telephones
- I - 12. Wire, Field Telephone
- I - 13.(a) Toluol
- I - 13.(b) T.N.T.
- I - 14. Powder
- I - 17. Motorcycles
- I - 18. Prime Movers
- I - 20. Radio Sets
- I - 24. Generators, Gas Driven
- II - 36. Phenol
- II - 38. Ethylene Glycol
- II - 42. Dimethylaniline
- II - 44. Colloxyline
- II - 45. Methanol
- II - 48. Ammonium Chloride
- II - 50. Potassium Nitrate
- II - 51. Ammonium Sulpho Cyanate
- II - 52. Ethyl Centralite
- II - 53. Resorcinol
- II - 54. Barium Peroxide
- II - 55. Strontium Oxalate
- II - 56. Rhodamine
- II - 57. Thorium
- II - 58. Cerium
- II - 60. Potassium Sulphate
- II - 61. Anthracene
- II - 72. Army Shoes
- V. Medical Supplies

Items where deliveries are being made in accordance with U.S.S.R. requirements - Six.

- I - 30. Dry Cells for Field Telephones
- I - 31. Dry Cells for Radio Equipment
- II - 39. Sodium Bromide
- II - 40. Phosphorus
- II - 46. Urotropine-Hexamine
- II - 61A. Miscellaneous Chemicals

Items where portions thereof could not be manufactured during protocol period because of late filing of specifications by U.S.S.R. - Two.

- I - 28. Measuring and Test Equipment
- I - 32. Radio Components, Parts and Accessories.

Items behind schedule where substantial amounts of material made available have not been floated - Five.

- I - 34. Field Repair Shops
- II - 41. Dibutyl Phthalate
- II - 43. Diphenylamine
- II - 73. Army Cloth
- II - 75. Webbing

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2.

Items behind schedule where U.S.S.R. has expressed an unwillingness to accept further deliveries - Eight.

- I - 2.(a) Light Tanks
- I - 2.(b) Medium Tanks
- I - 3. Anti-Aircraft Guns, 90mm
- I - 4. Anti-Aircraft Guns, 37mm.  
and 40mm (USSR cancelled  
portion of requirement  
for 37mm Guns)
- I - 5. Anti-Tank Guns, 57mm
- I - 7&8. Sub-machine Guns, Cal. .45
- I - 9.(a) Scout Cars
- II - 14. Armor Plate

Items behind schedule and not otherwise classified - Four.

- I - 10. Cargo Trucks
- I - 23. Radio Tubes
- I - 27. Radio Direction Finders
- II - 71. Leather

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# SECRET

1.

## WAR DEPARTMENT

### STATUS OF GROUND MILITARY ITEMS ON THE SECOND RUSSIAN PROTOCOL

#### GROUP I. ARMAMENT AND MILITARY EQUIPMENT

Protocol Number	Item Description (2)	Quantities on Second Protocol For July - June (3)	Quantities Assigned July - June (a) (4)	Quantities Made Available July - June (b) (5)	Status as of June 30, 1943 (c) (6)	Remarks (7)
2.	Tanks					
	(a) Light	Total original commitment 3,822. USSR representatives cancelled requirements except as to quantities noted as assigned and made available.	499	499*	No further deliveries to be made.	*These units have been exported.
	(b) Medium	Total original commitment 3,678. USSR representatives cancelled requirements except as to quantities noted as assigned and made available.	455	455*	No further deliveries to be made.	*These units have been exported.
3.	Anti-Aircraft Guns, 90mm complete w/auxiliary equipment.	Total original commitment 100 204. USSR representatives cancelled requirements except as to quantities noted as assigned and made available		100	No further deliveries to be made.	

#### LEGEND:

- (a) Includes material assigned prior to June 30, 1942, but not exported to apply on First Protocol.
- (b) Includes material assigned and made available prior to June 30, 1942, but not exported to apply on First Protocol.
- (c) Column 5 as compared with Column 3.
- (d) As available from production.

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2.

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July-June (3)	Quantities Assigned July - June (a) (4)	Quantities Made Available July - June (b) (5)	Status as of June 30, 1943 (c) (6)	Remarks (7)
4.	Anti-Aircraft Guns 37mm		500	500	Balance of commitment insofar as it involves delivery of 37mm AA guns cancelled at USSR request	
	Anti-Aircraft Guns 40mm	3360 (Commitment covers both 37mm and 40mm)	1,235*	1,175*	*Reduced in June due to repossession of 175 guns	USSR requests for assignment of 40mm AA guns have been adjusted to shipping availability.
5.	Anti-Tank Guns, 57mm	Total original commitment 1,900. USSR representatives cancelled entire requirement.	-	-	No deliveries to be made.	
7&8.	Sub-machine Gun Cal. .45	Total original commitment 240,000, USSR representatives cancelled requirement except as to quantities noted as assigned and made available.	67,106*	67,106*	No further deliveries to be made.	*Includes carryover of guns made available during First Protocol and not shipped until Second Protocol period.
9(a).	Scout Cars M3A1 w/armor	Total original commitment 6,000	527*	527*	5,473 Short	*Scout Cars have been assigned and made available as requested by USSR representatives
(b).	Trucks 1/4 ton 4x4	Total original commitment 18,000	19,944	20,444	Original commitment has been met. Excess furnished 2,444.	1,285 Scout Cars previously assigned have been repossessed with consent of USSR representatives.

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3.

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July-June (3)	Quantities Assigned July - June (a) (4)	Quantities Made Available July - June (b) (5)	Status as of June 30, 1943 (c) (6)	Remarks (7)
10.	Trucks (Cargo)	Total original commitment 120,000	94,047	92,842	27,158 short	*During the early months of the Protocol period substantial numbers of trucks accumulated in storage because of inability to provide the necessary shipping. Production was then cut back to adjust to estimated shipping availability. While in recent months the shipping situation has somewhat improved, nevertheless up to the present trucks at all times have been made available in sufficient quantities to meet USSR shipping. As of June 30, 1943 a total of 15,464 Cargo Trucks had been released to port but had not been floated, or were in U. S. depots for U.S.S.R.
11.	Telephones, Field	Total original commitment 144,000	157,400*	157,400*	Original commitment has been met. Excess furnished 13,400.	*Includes carryover from First Protocol after totaling War Department and private contracts.
1	Wire, Field, Telephone (miles, single strand)	Total original commitment 298,254	351,047*	351,047*	52,793 over	*Includes carryover from First Protocol after totaling War Department and private contracts.
13(a)	Toluol (lbs.)	Total original commitment 48,000,000	49,806,448	49,806,448	Original commitment has been met. Excess furnished 1,806,448.	
(b)	T.N.T. (lbs.)	Total original commitment 48,000,000	91,000,000	91,000,000	43,000,000 over total Protocol requirement.	

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4.

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July-June (3)	Quantities Assigned July - June (a) (4)	Quantities Made Available July - June (b) (5)	Status as of June 30, 1943 (c) (6)	Remarks (7)
14.	Powder, nitroglycerin etc. (short tons)	Available Quantities	44,690	44,690	On schedule	
17.	Motorcycles	Total original commitment 10,500	12,500	12,200	Original commitment has been met. Excess furnished 1,700 motorcycles.	
18.	Prime Movers for Artillery (Tractors)	Total original commitment 2,400	2,545	2,545	Original commitment has been met. Excess furnished 145.	
20.	Radio Sets (various types)	Total original commitment 11,500 Specific types to be negotiated.	16,028	15,980	Original commitment has been met. Excess furnished 4,480 sets.	
23.	Radio Tubes	2,000,000 over 12 month period on schedule to be arranged	2,203,475	1,937,498	62,502 short	
24.	Generators, Gas Driven (Battery Chargers)	Total original commitment 10,000 over 12 month period	(d)	12,605*	Original commitment has been met. Excess furnished 2,605.	*Revised figure.
27.	Radio Direction Finders (various types)	Total commitment 150 at the rate of 50 per month November, 1942; December, 1942; January, 1943.	32*	19*	131 short	*Includes 4 sets furnished by U.S.Navy. This type of equipment is in very short supply and assignments by the Communications and Radar Assignments Coordinating Committee are subject to strategic considerations and relation to U.S. requirements.

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5.

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July-June (3)	Quantities Assigned July - June (a) (4)	Quantities Made Available July - June (b) (5)	Status as of June 30, 1943 (c) (6)	Remarks (7)
28.	Measuring and Test Equipment	Total original commitment \$1,000,000	(d)	\$303,854	\$696,146 short	Due to late filing of specifications by U.S.S.R., it was impossible to complete manufacture during the Second Protocol period of all items requested by U.S.S.R.
30.	Dry Cells for Field Telephones	Total original commitment 1,500,000	(d)	692,090*	On schedule - See remarks	*The normal issue of 4 batteries for each Field Telephone Type EE-8-A totaling 307,760 batteries has been made available in addition to the amount reported. U.S.S.R. representatives have requested delivery of 700,000 batteries required for maintenance of flashlights furnished in the Second Protocol period be made during the Third Protocol period.
31.	Dry Cells for Radio Equipment	Total original commitment 400,000	(d)	212,822	On schedule - See remarks	U.S.S.R. representatives have requested that remaining batteries for radio equipment committed under the Second Protocol and required for maintenance of this radio equipment be furnished during the Third Protocol period.

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Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July-June (3)	Quantities Assigned July - June (a) (4)	Quantities Made Available July - June (b) (5)	Status as of June 30, 1943 (c) (6)	Remarks (7)
32.	Radio Component, Parts and Accessories	Total original commitment \$500,000	(d)	\$438,165	\$61,835 short	Due to late filing of specifications by U.S.S.R., it was impossible to complete manufacture during the Second Protocol period of all items requested by U.S.S.R.
34.	Field Repair Shops (134 vehicles per 10 units)	90 consisting of 1206 vehicles.	90 consisting of 1206 vehicles.	1,090* vehicles	-	*A total of 272 vehicles were reported on June 30, 1943 as unshipped although made available for 45 days prior thereto.

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## SECRET

Note 1:

The Second Russian Protocol provides that "Ammunition for all weapons will be supplied in the same proportion as for United States troops and, if practicable, in an amount equal to the accuracy life of weapons".

Pursuant to this commitment, finished ammunition has been furnished to U.S.S.R. The summary below covers assignments made from July 1, 1942 to June 30, 1943. Assignments against June production are based on production estimates, subject to adjustment. Ammunition assigned ordinarily becomes available within 45 days after assignment.

## AMMUNITION (rds.)

30 Cal. AP	133,270,000
30 Cal. Tracer	64,871,000
30 Cal. Links	167,829,000
30 Cal. Ball	212,200,000
45 Cal. Ball	297,833,000
50 Cal. AP	104,497,000
50 Cal. Tracer	43,966,000
50 Cal. Links	315,238,000
30 Cal. Incend.	138,350,000
50 Cal. Incend.	81,545,000
20MM HE	1,105,000
37MM AP	3,703,600
37MM HE	3,100,786
75MM AP	917,200
75MM HE	969,000
81MM HE	284,000
90MM HE	299,946

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## SECRET

## WAR DEPARTMENT

## STATUS OF GROUND MILITARY ITEMS ON THE SECOND RUSSIAN PROTOCOL

## GROUP II. VARIOUS MATERIAL, MACHINERY AND EQUIPMENT

Protocol Number	Item Description (2)	Quantities on Second Protocol For July - June (3)	Quantities Assigned July - June (a) (4)	Quantities Made Available July - June (b) (5)	Status as of June 30, 1943 (c) (6)	Remarks (7)
14.	Armor Plate (long tons)	Original Protocol commitment of 12,000 tons. USSR represent- atives cancelled re- quirement except as to quantities reported as assigned and made available.	749	749	USSR request as revised has been met.	
36.	Phenol (lbs.)	Total original com- mitment 24,000,000.	(d)	26,879,142*	Original commit- ment has been met.	*Includes carryover from First Protocol 1,376,000 lbs. reported available in U.S. storage and not shipped by of June 14, 1942. USSR representatives consented to not making First Protocol and possible.
	Ethylene Glycol (lbs.)	Total original com- mitment 4,800,000.	(d)	4,800,670	Original commit- ment has been met.	Excess is a credit under Protocol Item 61-A.
39.	Sodium Bromide (lbs.)	Total original com- mitment 3,600,000	(d)	3,350,600*	On schedule	*A total of 4,078,600 lbs. was made available but 728,000 lbs. was diverted recently to U.K. with consent of USSR representatives as quantities are avail- able in excess of present USSR shipping facilities.

## LEGEND:

- (a) Includes material assigned prior to June 30, 1942, but not exported to apply on First Protocol.  
 (b) Includes material assigned and made available prior to June 30, 1942, but not exported to apply on First Protocol.  
 (c) Column 5 as compared with Column 3.  
 (d) As available from production.

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## SECRET

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July - June (3)	Quantities Assigned July - June (a) (4)	Quantities Made Available July - June (b) (5)	Status as of June 30, 1943 (c) (6)	Remarks (7)
40.	Phosphorus (lbs.)	Total original commitment 4,800,000	(d)	4,321,099*	On schedule	*A total of 4,921,099 lbs. was made available but 600,000 lbs. was diverted recently to U.K. with consent of USSR representatives as quantities are available in excess of present USSR shipping facilities.
41.	Dibutyl Phthalate (lbs.)	Total original commitment 7,200,000	6,458,837*	6,458,837*	741,163 short	*Includes carryover from First Protocol. 2,376,000 lbs. reported available in U.S. storage and not shipped as of June 14, 1943. USSR representatives concurred in not making full Protocol assignments.
42.	Dimethylaniline (lbs.)	Total original commitment 6,000,000	6,152,600*	6,152,600*	Original commitment has been met.	*Includes carryover from First Protocol. Excess is a credit under Protocol Item 61-A.
43.	Diphenylamine (lbs.)	Total original commitment 3,600,000	3,380,590*	3,369,780*	230,220 short	*Includes carryover from First Protocol. 1,486,560 lbs. reported available in U.S. storage and not shipped as of June 14, 1943. USSR representatives concurred in not making full Protocol assignments.
44.	Colloxyline (lbs.)	Revised commitment agreed to by USSR representatives: Carryover from First Protocol Requisition on Second Protocol Total	7,524,819* 505,819 7,018,565 7,524,384	7,524,819*	USSR request as revised has been met.	*Includes carryover from First Protocol.

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Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July - June (3)	Quantities Assigned July - June (a) (4)	Quantities Made Available July - June (b) (5)	Status as of June 30, 1943 (c) (6)	Remarks (7)
45.	Methanol (lbs.)	Total original commitment 24,000,000	(d)	26,129,826*	2,129,826 over	*Includes balance unshipped on supplemental First Protocol requisitions as of June 30, 1942. Excess is a credit under Protocol Item 61-A.
46.	Urotropine-Hexamine	9,200,000	(d)	6,401,000*	On schedule	*Additional quantities against this commitment are being procured by other U.S. agencies.
48.	Ammonium Chloride	Total original commitment 9,600,000	(d)	9,600,000	Original commitment has been met.	
50.	Potassium Nitrate (lbs.)	Total original commitment 7,200,000	(d)	7,200,000	Original commitment has been met.	
51.	Ammonium Sulpho Cyanate (lbs.)	Total original commitment 6,000	(d)	6,000	Original commitment has been met.	
52.	Ethyl Centralite (lbs.)	Total original commitment 1,200,000	1,861,181	1,383,913*	Original commitment has been met.	*Includes 58,181 lbs. Methyl Centralite which was accepted by USSR against this Protocol commitment. Excess is a credit under Protocol Item 61-A.
53.	Resorcinol (lbs.)	Total original commitment 240,000	(d)	240,000	Original commitment has been met.	
54.	Barium Peroxide (lbs.)	Total original commitment 600,000	(d)	600,000	Original commitment has been met.	

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## SECRET

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July - June (3)	Quantities Assigned July - June (a) (4)	Quantities Made Available July - June (b) (5)	Status as of June 30, 1943 (c) (6)	Remarks (7)
55.	Strontium Oxalate (lbs.)	Total original commitment 192,000	(d)	192,000	Original commitment has been met.	
56.	Rhodamine (lbs.)	Total original commitment 12,000	(d)	12,000	Original commitment has been met.	
57.	Thorium (lbs.)	Total original commitment 6,000	(d)	6,108	Original commitment has been met.	Excess is a credit.
58.	Cerium Metal (lbs.)	Total original commitment 36,000	(d)	36,000	Original commitment has been met.	
60.	Potassium Sulphate	Total original commitment 3,600,000	(d)	3,600,000	Original commitment has been met.	
61.	Anthracene (lbs.)	Total original commitment 17,790	(d)	17,790	Original commitment has been met.	
61A.	Miscellaneous Chemicals (short tons)	The Protocol commitment on specific items was enlarged by subsequent agreement to include 60,000 short tons "designed to make allowance for the considerable volume of additional requests which USSR will need to make". Availability is to "depend upon the supply situation prevailing at the time particular requests are made".		40,601	On schedule	In addition, amounts made available in excess of original Protocol requirements on Items 36 and 38 to 60 inclusive are to be credited against this item. The amounts of such excess deliveries cannot be determined until the original commitments have been met in full. Substantial amounts of chemicals accountable against this item are being procured and delivered to USSR by agencies other than the War Department.

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## SECRET

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July - June (3)	Quantities Assigned July - June (a) (4)	Quantities Made Available July - June (b) (5)	Status as of June 30, 1943 (c) (6)	Remarks (7)
71.	Leather (short tons)	18,670	13,831	13,831*	4,839 short	*Entire Protocol requirement has been purchased. Quantity not reported as available is being procured from South America and delivery has been delayed by lack of shipping. In Storage 8,377 In Transit - At Port 1,286 Floated 4,168
72.	Army Shoes (prs.)	2,400,000	2,432,468	2,432,468	Total original commitment has been met; excess 32,468 prs.	In Storage 200,841 In Transit 37,742 At Port 117,711 Floated 2,076,174
73.	Army Cloth (yds.)	18,000,000	17,191,737	17,191,737	808,263 short	In Storage 3,776,868 In Transit 1,719,126 At Port 5,596,721 Floated 6,099,022
75.	Webbing, Tubular (yds.)	36,000,000	36,002,958	36,002,958	Total original commitment has been met; excess 2,958 yards.	In Storage 19,181,060 In Transit - At Port 3,621,017 Floated 13,200,881
GROUP V. MEDICAL SUPPLIES		Total original commitment \$12,000,000	\$13,824,196	\$13,824,196*	Total original commitment has been met; excess furnished \$1,824,196	*Breakdown: Shipped from U.S. storage depots \$11,561,405 On hand but not shipped \$ 2,262,791

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**SECRET**

SUMMARY OF TABULATION "B"

This tab indicates the amounts of War Department procurement items which had been made available but were not shipped by the U.S.S.R. for forty-five days or longer. The list includes appreciable quantities of Ammunition, Chemicals, Signal Equipment, Cloth and Webbing.

**SECRET**

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# SECRET

SECOND RUSSIAN PROTOCOL MATERIALS AVAILABLE  
BUT NOT FLOATED WITHIN 45 DAYS

Status as of 20 June 1943

## CHEMICAL

	Oil, Aniline (lbs.)	741,680
P	Ammonium Chloride (lbs.)	3,952,500
P	Potassium Nitrate (lbs.)	3,272,300
P	Potassium Sulphate (lbs.)	1,513,625
P	Resorcinol (lbs.)	120,000
P	Strontium Oxalate (lbs.)	80,000
P	Barium Peroxide (lbs.)	350,250
	Pyrocatechin (lbs.)	16,800
	Paraphenetidine (lbs.)	62,196
	Bakelite Lacquer (lbs.)	67,200
	Diphenylguanidine (lbs.)	68,075
P	Phenol (lbs.)	3,432,220
P	Sodium Bromide (lbs.)	1,600,000
P	Methanol (lbs.)	8,547,795
	Trichlorethylene (lbs.)	224,250
P	Cerium Metal (lbs.)	12,000
	Tungstic Acid (lbs.)	22,400
	Ethylene Dibromide (lbs.)	785,000
	Ethyl Cellulose (lbs.)	11,200
	Thiuram (lbs.)	40,100
	Diethyl Aniline (lbs.)	13,600
	Ethyl Alcohol Denatured (lbs.)	336,897
	Paranitrochlorobenzol (lbs.)	261,050
	Vistenex (lbs.)	148,000
	Acetone (lbs.)	2,250,000
	Hydroquinone	44,800
P	Ethylene Glycol (lbs.)	6,170,000
P	Rhodamine (lbs.)	5,000
P	Phosphorus, White (lbs.)	2,516,328
	Zelon (lbs.)	33,600
	Magnesium Oxide (lbs.)	11,220
	Benzyl Chloride (lbs.)	11,235

LEGEND: Items identified as "P" are specifically listed in the Second Protocol.

## CHEMICAL (Continued)

	Benzaldehyde (lbs.)	5,850
	Diethylene Glycol (lbs.)	404,000
	Caustic Soda (lbs.)	525,400

## SIGNAL

P	Radio Set #19	112
	Installation Kit for Set #19	584
	Batteries BA-23	100
	Batteries BA-30	1
	Batteries BA-31	2
	Batteries BA-37	40
	Batteries BA-38	40
	Batteries BA-39	9,000
	Batteries BA-40	12,800
	Batteries BA-41	600
	Batteries BA-51	100
	Batteries, Others	16,531
P	Single Conductor Wire (mi.)	49,164
	Cable and Wire (ft.)	11,457
	Power Units and Control	1,150
	Switches	70,000
P	Tubes	264,989
	Resistors	426
	Insulators	219
	Transmitter Set TA 12-B	16
	Receiver SP-210IX	15
	Wireless Sets #48	664
	Radio Set SCR-245MX	61
	Radio Set SCR-206-E	3
	Radio Set SCR-299	30
	Radio Receivers	53
	Radio Compasses	270

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# SECRET

## SECOND RUSSIAN PROTOCOL MATERIALS AVAILABLE BUT NOT FLOATED WITHIN 45 DAYS

Status as of 20 June 1943

### SIGNAL (Continued)

Telephones EE-108	9,000
Telephones EE-8-A	2,700
Telephones EE-8-B	11,200
Generator Sets	1,115
Dynamotors	3
Frequency Meters	163
Capacitors	52
Transmitters and 10 KW Stations	87
Condensers	12,400
Field Radio Stations	4
Sockets	1,500
Instruction Books	4,569
Spare Parts & Maintenance	
Parts (Total of Items)	2,776
Miscellaneous Equipment	
(Total of Items)	76,966

### ORDNANCE

Gun, 40mm, Auto., M1, AA	60
P Tractor, Heavy M1	32
Special Ordnance Vehicles	10
P Dimethylaniline (lbs.)	742,560
P Dibutylphthalate (lbs.)	1,761,658
P Colloxyline (lbs.)	3,892,715
Dynamite (lbs.)	20,488,900
Ammonium Nitrate (lbs.)	3,889,019
Smokeless Powder, 90mm Gun (lbs.)	100,190
P Diphenylamine (lbs.)	835,400
Picric Acid (lbs.)	864,671

### ORDNANCE (Continued)

P Hexamine (lbs.)	728,532
Dimethylamine (lbs.)	403,200
Nitrocellulose Sheets (mtrs.)	1,723,000
Glycerine, Dynamite Grade (lbs.)	377,850
Potassium Chlorate (lbs.)	534,960
Ethyl Centralite (lbs.)	6,484

### QUARTERMASTER

Belts, Leather (ea.)	25,321
Blankets, Woolen (ea.)	203,081
Cloth, Tarpaulin, Duck (yds.)	71,908
Cloth, Toweling (yds.)	40,721
P Army Cloth (yds.)	15,683,619
P Webbing (yds.)	9,800,447
Paulins, Tank Covers (ea.)	2,151
P Shoes (prs.)	144
Cloth, Alpaca (yds.)	178,317
Interlining, Buchram (yds.)	44,446
Typewriters, Russian Keyboard (ea.)	100
Cases, 5 Pocket, 20 rd. Mag. (ea.)	75
Duck, #4, 72" (yds.)	17,031
Buttons, Type II (ea.)	131,224,320
Jumpers, Working, Denim, Blue (ea.)	134,301
Trousers, Working, Denim, Blue (ea.)	315,588
Belts, Pistol or Revolver (ea.)	2,500

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SUMMARY OF TABULATION "C"

The attached tabulation shows the status of factory deliveries and export of aircraft during the Second Protocol period. All U. S. Protocol commitments have been met and in addition supplemental Protocol offerings of 111 planes have been made available to U.S.S.R.

Deliveries of planes for United Kingdom Protocol are shown in the attached schedule.

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# SECRET

## STATUS OF AIRCRAFT ON SECOND RUSSIAN PROTOCOL

Type (1)	Number on Protocol July - June (2)	Delivered From Factory Through June on Protocol Account (3)	Departed from U.S.A. By Air			Still in U.S.A. (7)
			North (4)	South (5)	By Water (6)	
Medium Bombers	144	144	74	60		10 (1)
Light Bombers	1,200	1,200	605	315	197	83 (2)
Fighters	1,200	1,200	241		911	48 (3)
Sub-totals	2,544	2,544	920	375	1,108	141
U.S. Supplemental Protocol Assignments						
Heavy Bombers	1	1		1		
Transports	80	80	79			1 (4)
Trainers	30	30			30	
Totals	2,655	2,655	999	376	1,138	142

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# SECRET

## PLANE DELIVERIES TO UNITED KINGDOM FOR U.K. - U.S.S.R. PROTOCOL ACCOUNT

Type (1)	Number on Protocol July - June (2)	Delivered From Factory Through June on Protocol Account (3)	Departed from U.S.A. By Air			Still in U.S.A. (7)
			North (4)	South (5)	By Water (6)	
Fighters	1,329	1,329	231		963	135 (5)

Summary of advance deliveries against Third Protocol account:

Made available at factory - 10 Medium Bombers  
6 Fighters  
7 Transports (which have left U.S.A.)

Note 1: At point of departure (Great Falls)

Note 2: All are at point of departure except  
25 which are damaged.

Note 3: 44 en route to or at departure points;  
4 damaged.

Note 4: Damaged.

Note 5: 122 en route to or at departure points;  
13 damaged.

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STATE OF PERSIAN IS **SECRET** OF APRIL 22, 1943

	Number Received To Date	Number Delivered to Date
Trucks	17,136	18,756

Approximate

25-01a  
2-010a  
2-010a  
2-010a  
2-010a

SUMMARY OF TABULATION "D"

This tab presents an analysis of the flow  
of selected items of supplies through the Persian  
Area to U.S.S.R.

	By Rail to Persian	By U. S. Trucks	By U.S.S.R. Trucks	By U.S.S.R. Trucks	By All Trucks
Total items delivered to U.S.S.R. from May 25 to June 22	26,000	12,700	21,200	21,200	180,000

Source: verification by radio

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# SECRET

## STATUS OF PROJECTS IN PERSIAN AREA AS OF JUNE 22, 1943

	<u>Number Received to Date</u>	<u>Number Delivered to Date</u>
Trucks	37,136	28,745*

### Airplanes:

AT-6's	18	17
A-20's	948	895
B-25's	124	122
P-40's	348	226
P-39's	266	212

	<u>By Rail at Teheran</u>	<u>By U. S. Trucks</u>	<u>By U.S.S.R. Trucks</u>	<u>By U.K. Trucks</u>	<u>By All Trucks Total</u>
Long tons delivered to U.S.S.R. from May 22 to June 22	88,688	14,781	61,847	25,554	190,870

\*Subject to verification by cable

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# SECRET

## TABULATION "E"

SUPPLEMENTAL SECOND RUSSIAN PROTOCOL ITEMS FURNISHED TO U.S.S.R.

(Availability figures on these items as of May 31, 1943)

<u>General Classification</u>		<u>Estimated Dollar Value</u>
Chemical Warfare Items		\$1,250,124
Engineer Items		3,441,411
Ordnance Items:		
Motor Transport	\$ 831,920	
Miscellaneous Supplies	2,762,079	
General Ordnance	19,594,357	23,188,356
Signal Items		12,000
Quartermaster Items		47,294,863
		\$75,186,754

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## SUMMARY OF TABULATION "F"

The United States under the Second Russian Protocol agreed to make available to U.S.S.R. approximately 1,110,000 short tons of military and naval equipment. This tab, summarizing only selected armament items being furnished by the War Department, shows:

Tonnage exported to May 31, 1943	527,492 short tons
Additional tonnage available and not reported exported as of May 31, 1943	155,286 short tons
Estimated tonnage available, undetermined amounts of which have been exported, consisting of	100,000 short tons
<b>Ammunition</b>	
Radio Sets	
Radio Tubes	
Radio Direction Finders	
Measuring and Test Equipment	
Dry Cells for Field Telephones	
Dry Cells for Radio Equipment	
Radio Components, Parts and Accessories	
Field Repair Shops	
<b>Total Estimated Tonnage Made Available by War Department</b>	<b>782,778</b>

To date, 137,125 short tons of material programmed for delivery have been cancelled at U.S.S.R. request.

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# SECRET

## COMPARATIVE ANALYSIS OF TONNAGES OF SELECTED ARMAMENT ITEMS ON SECOND RUSSIAN PROTOCOL FURNISHED BY THE WAR DEPARTMENT

Item	Quantity Exported to May 31, 1943	Tonnage Exported to May 31, 1943 (Note 1)	Quantity Made Available to June 30, 1943	Tonnage Made Available to June 30, 1943 (Note 2)	Tonnage Cancelled at U.S.S.R. Request (Note 3)
Airplanes	2,161	31,620	2,655	38,800	34,845
Light and	499 )		499 )		96,690
Medium Tanks	455 )	40,068	455 )	40,068	1,300
AA Guns, 90mm	80	1,000	100	1,250	
AA Guns, 40mm	-		1,175		
AA Guns, 37mm	424	2,320	500	2,740	
AT Guns, 57mm	-		-		2,964
Sub Machine Guns, .45 Cal.	51,586	379	67,106	503	1,296
Armored Scout Cars	514	2,261	527	2,320	
Jeeps (Truck 1/4 ton and)	15,285	16,240	20,444	21,800	
Trucks, Cargo	72,436	326,000	92,842	405,000	
Field Telephones	115,151	691	157,400	944	
Field Telephone Wire	209,405	9,475	351,047	16,080	
Toluol (Short tons)	16,433	16,433	22,903	22,903	
T.N.T. (Short tons)	19,810	19,810	45,500	45,500	
Motorcycles	9,400	3,200	12,200	4,100	
Tractors	1,495	18,470	2,545	31,400	
Gas Driven Generators	9,880	3,660	12,605	4,680	
Powder (Short tons)	35,865	35,865	44,690	44,690	
Total Tonnage (Short tons)		527,492		682,778	137,125

Note 1: Export figures are from published report of Office of Lend Lease Administration and are based upon analysis of ship manifests through May 31, 1943.

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Note 2: In addition to above items, the War Department has furnished substantial tonnages of ammunition, Radio Sets, Radio Tubes, Radio Direction Finders, Measuring and Test Equipment, Dry Cells for Field Telephones, Dry Cells for Radio Equipment, Radio Components, Parts and Accessories, Field Repair Shops and Supplemental Protocol Items.

Note 3: Substantial quantities of the items cancelled at U.S.S.R. request had been made available prior to receipt of notice that U.S.S.R. would not require the items. Cancellation of requirement for weapons includes cancellation in requirement for ammunition to accompany the weapons.

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*A16/Russia*

COPY

*File*

*WS.*

COMINCH FILE

UNITED STATES FLEET

HEADQUARTERS OF THE COMMANDER IN CHIEF

NAVY DEPARTMENT, WASHINGTON, D. C.

**FTL/L11-1**

Serial: 001398

*12 July '43*

**SECRET**

MEMORANDUM FOR OP-13,  
OP-16:

1. A report has just been received that the United States submarine PERMIT sank a Russian trawler by mistake at some recent time. The exact date has not been reported. Two of the crew of the trawler were killed. Twelve survivors were picked up by the PERMIT, and are to be landed at some port in the Aleutian area not yet designated.
2. Further details will be reported when received.
3. Op-13 is requested to take up the matter with the State Department with the view of promptly informing the Russians.

R. S. EDWARDS.

Copy to  
Naval Aide.

*RSE*

WAR DEPARTMENT  
WASHINGTON

June 9, 1943.

The President,

The White House.

Dear Mr. President:

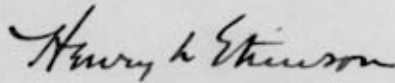
Action of the War Department in meeting the Second Russian Protocol is summarized in the inclosed report for the period ending 31 May 1943.

The entire Protocol commitment has been made available on 24 of the 54 items procured by the War Department. Protocol commitments have been cancelled or reduced in whole or in part on eight items, with the concurrence of U.S.S.R. representatives. All other ground items are being furnished as shipping is available with three exceptions. The War Department has made available to U.S.S.R. more than 695,796 short tons of major items of armament and military equipment listed on the Second Protocol.

A total of 2,212 planes have been exported from continental United States to U.S.S.R. against Protocol requirements. An additional 72 transport planes have been transferred.

Operation of the Persian Corridor supply route to U.S.S.R. is proceeding according to plan.

Faithfully yours,



SECRETARY OF WAR.

Incl:

Tabs A thru F.



# SECRET

## SUMMARY BY ITEM OF GROUND MILITARY ITEMS ON SECOND RUSSIAN PROTOCOL AS OF MAY 31, 1943

Items where entire Protocol commitment  
has been made available - Twenty-four.

- I - 11. Telephones, Field
- I - 12. Wire, Field Telephone
- I - 13.(b) T.N.T.
- I - 20. Radio Sets
- I - 24. Generators, Gas Driven
- II - 36. Phenol
- II - 38. Ethylene Glycol
- II - 39. Sodium Bromide
- II - 40. Phosphorus
- II - 42. Dimethylaniline
- II - 44. Colloxyline
- II - 48. Ammonium Chloride
- II - 50. Potassium Nitrate
- II - 51. Ammonium Sulpho Cyanate
- II - 52. Ethyl Centralite
- II - 53. Resorcinol
- II - 55. Strontium Oxalate
- II - 56. Rhodamine
- II - 57. Thorium
- II - 58. Cerium
- II - 60. Potassium Sulphate
- II - 61. Anthracene
- II - 72. Army Shoes
- V. Medical Supplies

Items ahead of schedule - Four.

- I - 13.(a) Toluol
- I - 17. Motorcycles
- II - 45. Methanol
- II - 54. Barium Peroxide

Items on schedule - Six.

- I - 14. Powder, nitroglycerin, etc.
- I - 23. Radio Tubes
- I - 30. Dry Cells for Field Telephones
- I - 31. Dry Cells for Radio Equipment
- II - 46. Urotropine - Hexamine
- II - 61A. Miscellaneous Chemicals

Items where it is now apparent that  
portions thereof cannot be manufactured  
during Protocol period because of late  
filing of specifications by U.S.S.R. -  
Two.

- I - 28. Measuring and Test Equipment
- I - 32. Radio Components, Parts and  
Accessories.

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2.

Items not on schedule where substantial amounts of material made available have not been floated - Seven.

- I - 9.(b) Trucks, 1/4 Ton, 4x4
- I - 18. Prime Movers for Artillery
- I - 34. Field Repair Shops
- II - 41. Dibutyl Phthalate
- II - 43. Diphenylamine
- II - 73. Army Cloth
- II - 75. Webbing

Items not on schedule where U.S.S.R. has expressed an unwillingness to accept further deliveries - Eight.

- I - 2.(a) Light Tanks
- I - 2.(b) Medium Tanks
- I - 3. Anti-Aircraft Guns, 90mm
- I - 4. Anti-Aircraft Guns, 37mm and 40mm. (USSR cancelled portion of requirement for 37mm Guns).
- I - 5. Anti-Tank Guns, 57mm
- I - 7&8. Sub-machine Guns, Cal..45
- I - 9.(a) Scout Cars
- II - 14. Armor Plate

Items not on schedule and not otherwise classified - Three.

- I - 10. Cargo Trucks
- I - 27. Radio Direction Finders
- II - 71. Leather

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1.

WAR DEPARTMENT

STATUS OF GROUND MILITARY ITEMS ON THE SECOND RUSSIAN PROTOCOL

GROUP I. ARMAMENT AND MILITARY EQUIPMENT

<u>Protocol Number (1)</u>	<u>Item Description (2)</u>	<u>Quantities on Second Protocol For July-May (3)</u>	<u>Quantities Assigned July - May (a) (4)</u>	<u>Quantities Made Available July - May (b) (5)</u>	<u>Status as of May 31, 1943 (c) (6)</u>	<u>Remarks (7)</u>
2. Tanks						
(a)	Light	Total original commitment 3,822. USSR representatives cancelled require- ment except as to quantities noted as assigned and made available.	499	499*	No further deliveries to be made.	*These units have been exported.
(b)	Medium	Total original commitment 3,678. USSR representatives cancelled require- ment except as to quantities noted as assigned and made available.	455	455*	No further deliveries to be made.	*These units have been exported.

LEGEND:

- (a) Includes material assigned prior to June 30, 1942, but not exported to apply on First Protocol.
- (b) Includes material assigned and made available prior to June 30, 1942, but not exported to apply on First Protocol.
- (c) Column 5 as compared with Column 3.
- (d) As available from production.

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SECRET

2.

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July-May (3)	Quantities Assigned July - May (a) (4)	Quantities Made Available July - May (b) (5)	Status as of May 31, 1943 (c) (6)	Remarks (7)
3.	Anti-Aircraft Guns, 90mm complete w/auxiliary equipment.	Total original commitment 204. USSR representatives cancelled requirement except as to quantities noted as assigned and made available.	100	100	No further deliveries to be made.	
(a)	Short Data KAL w/assess		527*	527*	4,973 short	figures needed to show additional vehicles requested. Short Data have been assigned and made available as requested by USSR representatives.
4.	Anti-Aircraft Guns, 37mm	2,920 (Commitment covers both 37mm & 40mm)	500	500	Balance of commitment insofar as it involves delivery of 37mm AA Guns cancelled at USSR request.	
(b)	Trucks 1/4 ton and		18,446	16,446		of May 31, 1943, a total of 2,230 Trucks 1/4 ton and had been
	Anti-Aircraft Guns, 40mm		1,400	1,340		USSR requests for assignment of 40mm AA guns have been adjusted to shipping availability.
5.	Anti-Tank Guns, 57mm	Total original commitment 1,900. USSR representatives cancelled entire requirement.	-	-	No deliveries to be made.	

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3.

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July-May (3)	Quantities Assigned July - May (a) (4)	Quantities Made Available July - May (b) (5)	Status as of May 31, 1943 (c) (6)	Remarks (7)
7&8.	Sub-machine Gun Cal..45	Total original commitment 240,000. USSR representatives cancelled requirement except as to quantities noted as assigned and made available.	67,106*	67,106*	No further deliveries to be made.	*Includes carryover of guns made available during First Protocol and not shipped until Second Protocol period.
9.						
(a)	Scout Cars M3A1 w/armament	5,500	527*	527*	4,973 short	*Figures revised to show additional vehicles repossessed. Scout Cars have been assigned and made available as requested by USSR representatives.
(b)	Trucks 1/4 ton lxd	16,500	18,444	16,444*	56 short	*As of May 31, 1943, a total of 1,230 Trucks 1/4 ton lxd had been made available and released to port but had not been floated.

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# SECRET

4.

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July-May (3)	Quantities Assigned July - May (a) (4)	Quantities Made Available July - May (b) (5)	Status as of May 31, 1943 (c) (6)	Remarks (7)
10.	Trucks (Cargo)	110,000	83,792	83,792*	26,208 short	*During the early months of the Protocol period substantial numbers of trucks accumulated in storage because of inability to provide the necessary shipping. Production was then cut back to adjust to estimated shipping availability. While in recent months the shipping situation has somewhat improved, nevertheless up to the present trucks at all times have been made available in sufficient quantities to meet USSR shipping. As of May 31, 1943 a total of 12,046 Cargo Trucks had been released to port but had not been floated.
11.	Telephones, Field	Total original commitment 144,000	144,008*	144,008*	Original commitment has been met. Excess furnished 8.	*Includes carryover from First Protocol after totaling War Department and private contracts.
12.	Wire, Field, Telephone (miles, single strand)	Total original commitment 298,254	310,185*	310,185*	Original commitment has been met. Excess furnished 11,931	*Includes carryover from First Protocol after totaling War Department and private contracts.
13.						
(a)	Toluol (lbs.)	44,000,000	45,743,731	44,663,981	663,981 over	
(b)	T.N.T. (lbs.)	Total original commitment 48,000,000	88,200,000	88,200,000	40,200,000 over total Protocol requirement.	

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5.

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July-May (3)	Quantities Assigned July - May (a) (4)	Quantities Made Available July - May (b) (5)	Status as of May 31, 1943 (c) (6)	Remarks (7)
14.	Powder, nitroglycerin etc. (short tons)	Available quantities	39,242	39,242	On schedule	
17.	Motorcycles	9,500	11,500	9,800	300 over	
18.	Prime Movers for Artillery (Tractors)	2,200	2,438*	2,056*	144 short	*Revised figures. A total of 377 Tractors were reported available but not shipped as of May 31, 1943.
20.	Radio Sets (various types)	Total original commitment 11,500 Specific types to be negotiated.	13,128*	12,956*	Original commitment has been met. Excess furnished 1,456 sets	In addition, 1,265 radio compasses have been made available.
23.	Radio Tubes	2,000,000 over 12 month period on schedule to be arranged.	2,203,475	1,254,060	On schedule	
	Generators, Gas Driven (Battery Chargers)	Total original commitment 10,000 over 12 month period	(d)	13,285	Original commitment has been met. Excess furnished 3,285.	
27.	Radio Direction Finders (various types)	Total commitment 150 at the rate of 50 per month November, 1942; December, 1942; January, 1943.	32*	7*	143 short	*Includes 4 sets furnished by U.S.Navy. This type of equipment is in very short supply and assignments by the Communications and Radar Assignments Coordinating Committee to USSR are subject to strategic considerations and relation to U.S. requirements.

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6.

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July-May (3)	Quantities Assigned July - May (a) (4)	Quantities Made Available July - May (b) (5)	Status as of May 31, 1943 (c) (6)	Remarks (7)
28.	Measuring and Test Equipment	\$1,500,000 worth over 12 month period on schedules to be arranged.	(d)	\$272,329	-	Due to late filing of specifications by USSR, some items of equipment called for under this heading will not be manufactured and made available during the Second Protocol period.
30.	Dry Cells for Field Telephones	1,500,000 over 12 month period on schedule to be arranged.	(d)	553,000*	-	*The normal issue of 4 batteries for each Field Telephone Type EE-8-A totaling 24,8400 batteries has been made available in addition to the amount reported.
31.	Dry Cells for Radio Equipment	400,000 over 12 month period on schedule to be arranged.	(d)	184,455	-	
32.	Radio Component, Parts and Accessories	\$500,000 worth over 12 month period on schedule to be arranged.	(d)	\$281,251	-	Due to late filing of specifications by USSR, some items of equipment called for under this heading will not be manufactured and made available during the Second Protocol period.
34.	Field Repair Shops (134 vehicles per 10 units)	80 consisting of 1,072 vehicles	70 consisting of 938 vehicles	791* vehicles	-	*A total of 438 vehicles were reported on May 31, 1943 as available but not shipped to port.

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7.

NOTE 1:

The Second Russian Protocol provides that "Ammunition for all weapons will be supplied in the same proportion as for United States troops and, if practicable, in an amount equal to the accuracy life of weapons".

Pursuant to this commitment, finished ammunition has been furnished to U.S.S.R. The summary below covers assignments made from July 1, 1942 to April 30, 1943. Assignments against May production are based on production estimates, subject to adjustment. Ammunition assigned ordinarily becomes available within 45 days after assignment.

AMMUNITION (rds.)

30 Cal. AP	122,470,000
30 Cal. Tracer	59,871,000
30 Cal. Links	130,329,000
30 Cal. Ball	212,200,000
45 Cal. Ball	209,440,000
50 Cal. AP	99,497,000
50 Cal. Tracer	41,466,000
50 Cal. Links	315,238,000
30 Cal. Incend.	112,350,000
50 Cal. Incend.	65,945,000
20MM HE	705,000
37MM AP	3,703,600
37MM HE	3,100,786
75MM AP	917,200
75MM HE	969,000
81MM HE	284,000
90MM HE	299,946

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# SECRET

WAR DEPARTMENT

## STATUS OF GROUND MILITARY ITEMS ON THE SECOND RUSSIAN PROTOCOL

### GROUP II. VARIOUS MATERIAL, MACHINERY AND EQUIPMENT

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July-May (3)	Quantities Assigned July - May (a) (4)	Quantities Made Available July - May (b) (5)	Status as of May 31, 1943 (c) (6)	Remarks (7)
14.	Armor Plate (long tons)	Original Protocol commitment of 12,000 tons. USSR representatives cancelled requirement except as to quantities noted as assigned and made available.	749	749	USSR request as revised has been met.	
36.	Phenol (lbs.)	Total original commitment 24,000,000	(d)	24,879,442*	Original commitment has been met.	*Includes carryover from First Protocol after totaling War Department procurement and private contracts. Excess is a credit under Protocol Item 61-A.
38.	Ethylene Glycol (lbs.)	Total original commitment 4,800,000	(d)	4,800,670	Original commitment has been met.	Excess is a credit under Protocol Item 61-A.
39.	Sodium Bromide (lbs.)	Total original commitment 3,600,000	(d)	3,608,600*	Original commitment has been met.	*Includes carryover from First Protocol after totaling War Department procurement and private contracts. Excess is a credit under Protocol Item 61-A.

#### LEGEND:

- (a) Includes material assigned prior to June 30, 1942, but not exported to apply on First Protocol.
- (b) Includes material assigned and made available prior to June 30, 1942, but not exported to apply on First Protocol.
- (c) Column 5 as compared with Column 3.
- (d) As available from production.

# SECRET

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SECRET

2.

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July-May (3)	Quantities Assigned July - May (a) (4)	Quantities Made Available July - May (b) (5)	Status as of May 31, 1943 (c) (6)	Remarks (7)
40.	Phosphorus (lbs.)	Total original commitment 4,800,000	(d)	4,921,099*	Original commitment has been met.	*Includes carryover from First Protocol after totaling War Department procurement and private contracts. Excess is a credit under Protocol Item 61-A.
41.	Dibutyl Phthalate (lbs.)	6,600,000	6,424,697*	6,458,837*	141, 162 short	*Includes carryover from First Protocol. 3,563,140 pounds reported available but not shipped to port as of May 31, 1943.
42.	Dimethylaniline (lbs.)	Total original commitment 6,000,000	6,152,660*	6,152,660*	Original commitment has been met.	*Includes carryover from First Protocol. Excess is a credit under Protocol Item 61-A.
43.	Diphenylamine (lbs.)	3,300,000	3,380,590*	3,270,280*	29,720 short	*Includes carryover from First Protocol. 1,441,440 pounds reported available but not shipped to port as of May 31, 1943.
44.	Colloxyline (lbs.)	Revised commitment agreed to by USSR representatives: Carryover from First Protocol 505,819 Requisition on Second Protocol 7,018,565 Total 7,524,384 Pro rata commitment May 31 6,897,352	7,524,819*	7,524,819*	USSR request as revised has been met.	*Includes carryover from First Protocol. Excess is a credit under Protocol Item 61-A.
45.	Methanol (lbs.)	22,000,000	(d)	22,696,454	696,454 over	
46.	Urotropine-Hexamine (lbs.)	7,600,000	(d)	6,401,000*	On Schedule	*Additional quantities are being procured.
48.	Ammonium Chloride (lbs.)	Total original commitment 9,600,000	(d)	9,600,000	Original commitment has been met.	
50.	Potassium Nitrate (lbs.)	Total original commitment 7,200,000	(d)	7,200,000	Original commitment has been met.	
51.	Ammonium Sulpho Cyanate (lbs.)	Total original commitment 6,000	(d)	6,000	Original commitment has been met.	
52.	Ethyl Centralite (lbs.)	Total original commitment 1,200,000	1,586,181*	1,289,713*	Original commitment has been met.	*Includes 58,181 pounds Methyl Centralite which was accepted by U.S.S.R. against this Protocol commitment. Excess is a credit under Protocol Item 61-A.

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3.

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July-May (3)	Quantities Assigned July - May (a) (4)	Quantities Made Available July - May (b) (5)	Status as of May 31, 1943 (c) (6)	Remarks (7)
53.	Resorcinol (lbs.)	Total original commitment 240,000	(d)	240,000	Original commitment has been met.	
54.	Barium Peroxide (lbs.)	550,000	(d)	550,400	400 over	
55.	Strontium Oxalate (lbs.)	Total original commitment 192,000	(d)	192,000	Original commitment has been met.	
56.	Rhodamine (lbs.)	Total original commitment 12,000	(d)	12,000	Original commitment has been met.	
57.	Thorium (lbs.)	Total original commitment 6,000	(d)	6,108	Original commitment has been met.	Excess is a credit under Protocol Item 61-A.
58.	Cerium Metal (lbs.)	Total original commitment 36,000	(d)	36,000	Original commitment has been met.	
60.	Potassium Sulphate	Total original commitment 3,600,000	(d)	3,600,000	Original commitment has been met.	
61.	Anthracene (lbs.)	Total original commitment 17,790	(d)	17,790	Original commitment has been met.	
61A.	Miscellaneous Chemicals	The Protocol commitment on specific items was enlarged by subsequent agreement to in- clude 60,000 short tons "designed to make allowance for the con- siderable volume of additional requests which USSR will need to make". Availability is to "depend upon the supply situation pre- vailing at the time particular requests are made".		38,439	On Schedule	In addition, amounts made available in excess of original Protocol requirements on Items 36 and 38 to 60 inclusive are to be credited against this item. The amounts of such excess deliveries cannot be determined until the original commit- ments have been met in full. Substantial amounts of chemicals accountable against this item are being procured and de- livered to USSR by agencies other than the War Department.

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4.

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July-May (3)	Quantities Assigned July - May (a) (4)	Quantities Made Available July - May (b) (5)	Status as of May 31, 1943 (c) (6)	Remarks (7)
71.	Leather (short tons)	14,936	9,674	9,674	5,262 short	In Storage 4,235 In Transit - At Port 1,658 Floated 3,753
72.	Army Shoes (prs.)	Total original 2,232,000 commitment 2,400,000		2,407,413	Total original commitment has been met; excess furnished 7,413	In Storage 33,102 In Transit 187,050 At Port 163,071 Floated 2,024,190
73.	Army Cloth (yds.)	16,500,000	15,496,761	16,094,914	405,086 short	In Storage 5,462,110 In Transit 167,975 At Port 4,607,630 Floated 5,857,199
75.	Webbing, Tubular (yds.)	33,000,000	28,732,000	30,626,890	2,373,100 short	In Storage 12,953,077 In Transit - At Port 5,021,650 Floated 12,652,163
GROUP V. MEDICAL SUPPLIES		Total original \$12,195,395 commitment \$12,000,000		\$12,195,395*	Total original commitment has been met; excess furnished \$195,395	*Breakdown: Shipped from U.S. storage depots \$10,649,138 On hand but not shipped \$ 1,546,257

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SUMMARY OF TABULATION "B"

This tab indicates the amounts of War Department procurement items which had been made available but were not shipped by the U.S.S.R. for forty-five days or longer. The list includes appreciable quantities of Scout Cars, Ammunition, Chemicals, Signal Equipment, Cloth and Webbing.

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~~SECRET~~  
SECOND RUSSIAN PROTOCOL MATERIALS AVAILABLE  
BUT NOT FLOATED WITHIN 45 DAYS

1.

CHEMICAL

Status as of May 23, 1943

SIGNAL

	Oil, Aniline (lbs.)	741,680
P	Ammonium Chloride (lbs.)	3,552,500
P	Potassium Nitrate (lbs.)	3,272,300
P	Potassium Sulphate (lbs.)	1,513,625
P	Resorcinol (lbs.)	100,000
P	Strontium Oxalate (lbs.)	80,000
P	Barium Peroxide (lbs.)	250,250
	Pyrocatechin (lbs.)	16,800
	Paraphenetidine (lbs.)	62,196
	Bakelite Lacquer (lbs.)	67,200
	Diphenylguanidine (lbs.)	68,075
P	Phenol (lbs.)	4,410,115
P	Sodium Bromide (lbs.)	1,400,000
P	Methanol (lbs.)	8,316,837
	Trichlorethylene (lbs.)	224,250
P	Cerium Metal (lbs.)	12,000
	Tungstic Acid (lbs.)	22,400
	Ethylene Dibromide (lbs.)	863,500
	Ethyl Cellulose (lbs.)	11,200
	Thiuram (lbs.)	40,550
	Diethyl Aniline (lbs.)	13,600
	Ethyl Alcohol Denatured (lbs.)	336,897
	Peranitrochlorobenzol (lbs.)	261,050
	Vistenex (lbs.)	100,000
	Acetone (lbs.)	1,850,000
	Hydroquinone (lbs.)	44,800
P	Ethylene Glycol (lbs.)	5,170,000
P	Rhodamine (lbs.)	5,000
P	Phosphorus, White (lbs.)	1,866,328
	Durite Resin (lbs.)	13,630
	Zelon (lbs.)	33,600
	Magnesium Oxide (lbs.)	11,220
	Benzyl Chloride (lbs.)	11,235
	Benzaldehyde (lbs.)	6,850
	Diethylene Glycol (lbs.)	404,000
	Caustic Soda (lbs.)	5,344,200

P	Radio Set #19	112
	Installation Kit for Set #19	589
	Batteries RA-23	700
	Batteries RA-27	200
	Batteries RA-30	150,000
	Batteries RA-37	40
	Batteries RA-38	40
	Batteries RA-39	869
	Batteries RA-40	2,307
	Batteries RA-51	100
	Batteries, Others	43,457
P	Single Conductor Wire (mi.)	36,262
	Power Units	387
	Switches	70,000
P	Tubes	506,358
	Resistors	2,253
	Insulators	420
	Transmitter Set TA 12-B	80
	Receiver SP-210IX	15
	Wireless Sets #48	65
	Radio Set SCR-245MX	61
	Radio Set #48	799
	Radio Set SCR-610	400
	Radio Set SCR-610-A	200
	Radio Compasses	340
	Telephones EE-108	7,200
	Telephones EE-8-A	2,700
	Hand Generator Sets	1,160
	Flashlights	25,000
	Crystal Holders	200
	Capacitors	457
	Transmitters and 10 YW Stations	65
	Condensers	12,468
	Field Radio Stations	884
	Sockets	1,500
	Instruction Books	5,240
	Spare Parts & Maintenance Parts	2,614
	Miscellaneous Equipment	73,396

Legend: Items identified as "P" are specifically listed  
in the Second Protocol.

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2.

SECOND RUSSIAN PROTOCOL MATERIALS AVAILABLE  
BUT NOT FLOATED WITHIN 45 DAYS

<u>ORDNANCE</u>	Status as of May 23, 1943	<u>QUARTERMASTER</u>
Universal Carriers	14	Belts, Leather
P Car, Scout, M3A1	333	Blankets, Woolen
P Gun, 37mm, AA, M1A2	165	Cloth, Tarpaulin, Duck (yds.)
Gun, 40mm, Auto. M1, AA	240	Cloth, Toweling (yds.)
Gun, 90mm, AA	20	P Army Cloth (yds.)
Gun, 3" Motor Carriage M10	2	P Webbing (yds.)
P Tractor, Medium	10	Paulins, Tank Covers
P Trucks	17	P Shoes (prs.)
Special Ordnance Vehicles	104	Hooks, w/eyes
Shot and Shells (rds.)	9,210,834	Interlining, Buchram (yds.)
Anti-Aircraft Fire Control	295	Typewriters, Russian Keyboard
Equipment, pcs.		Cases, 5 Pocket, 20 rd. Mag.
Miscellaneous Fire Control	58	Duck, #4,72" (yds.)
Equipment, pcs.		
Binoculars, M3	476	
P Dimethylaniline (lbs.)	742,560	
P Dibutylphthalate (lbs.)	1,586,728	
P Colloxyline (lbs.)	3,620,351	
Dynamite (lbs.)	21,988,900	
Ammonium Nitrate (lbs.)	16,566,087	
Smokeless Powder, 90mm	100,190	
Gun (lbs.)		
P Diphenylamine (lbs.)	792,600	
Picric Acid (lbs.)	1,187,735	
P Hexamine (lbs.)	496,500	
Caps, Blasting	61,000	
Nitrocellulose Sheets (mtrs)	1,723,200	
Glycerine, Dynamite Grade (lbs.)	813,560	
Potassium Chlorate (lbs.)	384,960	
Ethyl Centralite (lbs.)	50,000	

Legend: Items identified as "P" are specifically listed in the Second Protocol.

SECRET

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SUMMARY OF TABULATION "C"

The attached tabulation shows the status of factory deliveries of aircraft on the Second Protocol to be:

Type	Percentage of Protocol commitment met through May
Medium Bombers	108%
Light Bombers	95%
Fighters	105%

Deliveries of Transports for U. S. account and planes for United Kingdom Protocol account are shown in the attached schedule.

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## STATUS OF AIRCRAFT ON SECOND RUSSIAN PROTOCOL

Type (1)	Number on Protocol July - May (2)	Assignments July - May (3)	Delivered From Factory Through May on Protocol Account (4)	Delivered From Factory Through May on Protocol Account for June (5)	Exported From U. S. (6)
Medium Bombers	132	143	132	11	130
Light Bombers	1,100	1,081	1,045	0	870
Fighters	1,100	1,159	1,100	59	1,109
Sub - totals	2,332	2,383	2,277	70	2,109 *
Plus deliveries in advance			70		
Total deliveries from factory July - May			2,347		
Transports (Supplemental Protocol item):					
	Delivered from factory	86			
	Exported from U. S.	72			
United Kingdom Protocol Account - Fighter Planes:					
	Requirement July-May	1,300			
	Assigned July-May	1,179			
	Delivered from factory July-May	1,179			
	Exported from U. S.	1,142			

\* In addition, 30 planes type AT-6 and 1 plane type B-24 have been assigned and exported to U.S.S.R.

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Summary of Supplies to Persian Area as of 31 May 1947

	Number Received to Date	Number Delivered to Date
Trucks	25,215*	19,187*

SUMMARY OF TABULATION "D"

Airplanes:

This tab presents an analysis of the flow of  
selected items of supplies through the Persian area  
to U.S.S.R.

Large Assemblies

200 large received for assembly  
all large assembled and delivered

Classification has been requested by table but has not yet been received

By Rail to	By U. S.	By U. S. to	By U. S. to	By U. S. to
Tokoro	Japan	Trucks	Trucks	Trucks

Large items delivered to  
U.S.S.R. from April 27  
to May 24.

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## STATUS OF PROJECTS IN PERSIAN AREA AS OF MAY 22, 1943

	Number Received to Date	Number Delivered to Date
Trucks	33,828*	19,127*

### Airplanes:

AT-6's	18	17
A-20's	894	819
B-25's	122	117
P-40's	295	175
P-39's	226	158

Barge Assemblies	388 barges received for assembly
	331 barges assembled and delivered

\*Verification has been requested by cable but has not yet been received.

	By Rail at Teheran	By U. S. Trucks	By U.S.S.R. Trucks	By U.K. Trucks	Total
Long tons delivered to U.S.S.R. from April 17 to May 22.	54,714	13,845	41,209	22,464	132,232

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## TABULATION "E"

### SUPPLEMENTAL SECOND RUSSIAN PROTOCOL ITEMS FURNISHED TO U.S.S.R.

(Availability figures on these items as of April 30, 1943)

<u>General Classification</u>		<u>Estimated Dollar Value</u>
Chemical Warfare Items		\$1,250,124
Engineer Items (Note 1)		3,441,411
Ordnance Items:		
General Ordnance (Note 1)	\$19,201,488	
Miscellaneous Supplies	2,759,695	
Motor Transport	850,429	22,793,103
Quartermaster Items		46,714,551
Signal and Communication Items		<u>6,000</u>
		\$74,205,189

Note 1: Revised figures.

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SUMMARY OF TABULATION "F"

The United States under the Second Russian Protocol agreed to make available to U.S.S.R. approximately 1,110,000 short tons of military and naval equipment. This tab, summarizing only selected armament items being furnished by the War Department, shows:

Tonnage exported to April 30, 1943 390,412 short tons

Additional tonnage available and not reported exported as of April 30, 1943 205,384 short tons

Estimated tonnage available, undetermined amounts of which have been exported, consisting of 100,000 short tons

Ammunition	254,000	254,000
Radio Sets	9,107	110,100
Radio Tubes	14,510	22,531
Radio Direction Finders		44,000
Measuring and Test Equipment		9,000
Dry Cells for Field Telephones		2,000
Dry Cells for Radio Equipment		12,000
Radio Components, Parts and Accessories		28,000
Field Repair Shops		24,796

Total Estimated Tonnage Made Available by War Department 695,796

To date, 137,125 short tons of material programmed for delivery have been cancelled at U.S.S.R. request.

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## COMPARATIVE ANALYSIS OF TONNAGES OF SELECTED ARMAMENT ITEMS ON SECOND RUSSIAN PROTOCOL FURNISHED BY THE WAR DEPARTMENT

Item	Quantity Exported to April 30, 1943	Tonnage Exported to April 30, 1943 (Note 1)	Quantity Made Available to May 31, 1943	Tonnage Made Available to May 31, 1943 (Note 2)	Tonnage Cancelled at U.S.S.R. Request (Note 3)
Airplanes	1,902	27,804	2,347	34,264	
Light Tanks	499	7,485	499	7,485	34,845
Medium Tanks	455	13,650	455	13,650	96,690
AA Guns, 90mm	68	850	100	1,250	1,300
AA Guns, 40mm	0	0	1,340	7,370	
AA Guns, 37mm	424	2,323	500	2,740	
AT Guns, 57mm	0	0	-	0	2,964
Sub Machine Guns, .45 Cal.	51,586	379	67,106	503	1,296
Armored Scout Cars	514	2,261	527	2,388	
Jeeps (Truck 1/4 ton 4 x 4)	13,856	14,756	16,444	17,512	
Trucks, Cargo	51,586	224,808	83,792	364,495	
Field Telephones	107,951	647	144,008	864	
Field Telephone Wire	202,377	9,167	310,185	14,051	
Toluol (Short tons)	14,310	14,310	22,331	22,331	
T.N.T. (Short tons)	18,771	18,771	44,100	44,100	
Motorcycles	8,400	2,856	9,800	3,332	
Tractors	1,361	16,781	2,056	25,288	
Gas Driven Generators	8,363	3,104	13,285	4,931	
Powder (Short tons)	<u>30,460</u>	<u>30,460</u>	<u>39,242</u>	<u>39,242</u>	
Total Tonnage (Short tons)		390,412		605,796	137,125

Note 1: Export figures are from published report of Office of Lend Lease Administration and are based upon analysis of ship manifests through April 30, 1943.

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Note 2: In addition to above items, the War Department has furnished substantial tonnages of ammunition, Radio Sets, Radio Tubes, Radio Direction Finders, Measuring and Test Equipment, Dry Cells for Field Telephones, Dry Cells for Radio Equipment, Radio Components, Parts and Accessories, Field Repair Shops and Supplemental Protocol Items.

Note 3: Substantial quantities of the items cancelled at U.S.S.R. request had been made available prior to receipt of notice that U.S.S.R. would not require the items. Cancellation of requirement for weapons includes cancellation in requirement for ammunition to accompany the weapons.

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WAR DEPARTMENT  
WASHINGTON

May 8, 1943.

The President,  
The White House.

Dear Mr. President:

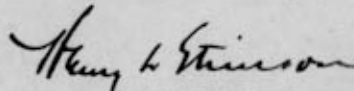
Action of the War Department in meeting the Second Russian Protocol is summarized in the inclosed report for the period ending April 30, 1943.

Materials have been made available to meet the full Protocol commitment on fourteen items. Protocol commitments have been cancelled in whole or in part on seven items at the request of U.S.S.R. representatives. All other ground items are being furnished as shipping is available with three exceptions. The War Department has furnished to U.S.S.R. more than 651,579 short tons of major items of armament and military equipment listed on the Second Protocol. Equipment valued at \$93,916,159 has been made available in addition to the specific items called for under the Second Russian Protocol.

Factory deliveries of aircraft are overall substantially on schedule, totaling 2,157 planes. The change in model of light bombers resulted in a reduction in deliveries recently. Further mechanical adjustments required to perfect this type of plane has caused a temporary increase in the number of light bombers awaiting flight delivery.

Eighty-seven per cent of the troops, eighty-six per cent of the trucks and ninety-four per cent of the railway rolling stock required by the Persian Gulf Service Command for the operation of the Persian Corridor route to Russia have left the United States. Assembly of vehicles and planes and transport of materials from the Gulf to Russia are proceeding as planned.

Faithfully yours,



SECRETARY OF WAR.

Incl:  
Tabs A thru F.



# SECRET

## SUMMARY BY ITEM OF GROUND MILITARY ITEMS ON SECOND RUSSIAN PROTOCOL AS OF APRIL 30, 1943

Items where delivery of Protocol commitment has been completed - Fourteen.

- I - 13.(b) T.N.T.
- I - 20. Radio Sets
- II - 38. Ethylene Glycol
- II - 39. Sodium Bromide
- II - 40. Phosphorus
- II - 42. Dimethylaniline
- II - 50. Potassium Nitrate
- II - 51. Ammonium Sulpho Cyanate
- II - 53. Resorcinol
- II - 56. Rhodamine
- II - 57. Thorium
- II - 58. Cerium
- II - 60. Potassium Sulphate
- II - 61. Anthracene

Items ahead of schedule - Sixteen.

- I - 9.(b) Trucks, 1/4 Ton, 4x4
- I - 11. Telephones, Field
- I - 13.(a) Toluol
- I - 17. Motorcycles
- I - 18. Prime Movers - Tractors
- II - 36. Phenol
- II - 41. Dibutyl Phthalate
- II - 43. Diphenylamine
- II - 44. Colloxyline
- II - 45. Methanol
- II - 48. Ammonium Chloride
- II - 52. Ethyl Centralite
- II - 54. Barium Peroxide
- II - 55. Strontium Oxalate
- II - 72. Army Shoes
- V. Medical Supplies

Items on schedule - Nine.

- I - 14. Powder, nitroglycerine, etc.
- I - 23. Radio Tubes
- I - 24. Generators, Gas Driven
- I - 28. Measuring and Test Equipment
- I - 30. Dry Cells for Field Telephones
- I - 31. Dry Cells for Radio Equipment
- I - 32. Radio Components, Parts and Accessories
- II - 46. Urotropine - Hexamine
- II - 61A. Miscellaneous Chemicals

Items not on schedule where substantial amounts of material made available have not been floated - Five.

- I - 9.(a) Scout Cars
- I - 12. Wire, Field Telephone
- I - 34. Field Repair Shops
- II - 73. Army Cloth
- II - 75. Webbing

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2.

Items not on schedule where U.S.S.R. has requested change in type or model of material to be delivered - One.

I - 4. Anti-Aircraft Guns, 37mm and 40mm

Items not on schedule where U.S.S.R. has expressed an unwillingness to accept further deliveries - Six.

I - 2.(a) Light Tanks  
I - 2.(b) Medium Tanks  
I - 3. Anti-Aircraft Guns, 90mm  
I - 5. Anti-Tank Guns, 57mm  
I - 7&8. Sub-machine Guns, Cal. .45  
II - 14. Armor Plate

Items not on schedule and not otherwise classified - Three.

I - 10. Cargo Trucks  
I - 27. Radio Direction Finders  
II - 71. Leather

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## WAR DEPARTMENT

## STATUS OF GROUND MILITARY ITEMS ON THE SECOND RUSSIAN PROTOCOL

## GROUP I. ARMAMENT AND MILITARY EQUIPMENT

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July-April (3)	Quantities Assigned July-April (a) (4)	Quantities Made Available July-April (b) (5)	Status as of April 30, 1943 (c) (6)	Remarks (7)
1.	Tanks					
	(a) Light	3,072	497	497*	Balance of commitment cancelled at USSR request.	*These units have been exported.
	(b) Medium	2,928	455	455*	Balance of commitment cancelled at USSR request.	*These units have been exported.
3.	Anti-Aircraft Guns, 90mm, complete w/auxiliary equipment.	156	100	100	Balance of commitment cancelled at USSR request.	
4.	Anti-Aircraft Guns, 37mm		500	500	Balance of commitment insofar as it involves delivery of 37mm AA Guns cancelled at USSR request	
		2,480 (Commitment covers both 37mm & 40mm)	1,040	1,040		USSR requests for assignment of 40mm AA guns are being approved as received to date.
5.	Anti-Tank Guns, 57mm	1,400	-	-	Entire commitment cancelled at request of USSR representatives.	

## LEGEND:

- (a) Includes material assigned prior to June 30, 1942, but not exported to apply on First Protocol.
- (b) Includes material assigned and made available prior to June 30, 1942, but not exported to apply on First Protocol.
- (c) Column 5 as compared with Column 3.
- (d) As available from production.

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Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July-April (3)	Quantities Assigned July-April (a) (4)	Quantities Made Available July-April (b) (5)	Status as of April 30, 1943 (c) (6)	Remarks (7)
7&8.	Sub-machine Gun Cal. .45	200,000	67,106*	67,106*	Remaining commitment cancelled at USSR request.	*Includes carryover of guns made available during First Protocol and not shipped until Second Protocol period.
(a)	Scout Cars M3A1 w/armament	5,000	797*	784*	4,216 short	*Revised figures. A total of 333 vehicles are reported as of April 25, 1943 as not floated although made available for more than 45 days prior to that date. Scout Cars have been assigned and made available as requested by USSR representatives.
(b)	Trucks 1/4 ton 4 x 4	15,000	17,444	16,944	1,944 over	
10.	Trucks (Cargo)	100,000	79,610	75,864*	24,136 short	*During the early months of the Protocol period substantial numbers of trucks ac- cumulated in storage because of inability to provide the necessary shipping. Pro- duction was then cut back to adjust to estimated shipping availability. While in recent months the shipping situation has somewhat improved, nevertheless up to the present trucks at all times have been made available in sufficient quantities to meet USSR shipping. As of April 30, 1943, a total of 12,440 Cargo Trucks had been released to port but had not been floated.
11.	Telephones, Field	120,000	124,190	124,190	4,190 over	
12.	Wire, Field, Telephone (miles, single strand)	248,545	256,147	236,809*	11,736 short	*A total of 27,376 miles were reported on April 24, 1943 as not floated although made available for more than 45 days prior thereto.

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Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July-April (3)	Quantities Assigned July-April (a) (4)	Quantities Made Available July-April (b) (5)	Status as of April 30, 1943 (c) (6)	Remarks (7)
13.						
(a)	Toluol (lbs.)	40,000,000	42,743,731	42,743,731	2,743,731 over	*Includes 4 over furnished by the U. S. Gov. This type of equipment is in very short supply and assignable by the Communications and Signal Assignments Coordinating Committee to U.S.S.R., are subject to strategic considerations and relations to U. S. requirements.
(b)	T.N.T. (lbs.)	Total original commitment 48,000,000	78,200,000	78,200,000	30,200,000 over total Protocol requirement.	
14.	Powder, nitroglycerin etc. (short tons)	Available Quantities	35,251	35,251	On schedule	Due to late filing of specifications by U.S.S.R., some items of equipment called for under this heading may not be manufactured and available for delivery during the Protocol period.
17.	Motorcycles	8,500	10,500	8,800	300 over	
18.	Prime Movers for Artillery (Tractors)	2,000	2,348	2,254	254 over	*The normal issue of 4 batteries per unit have been made available in addition to the amount reported.
20.	Radio Sets (various types)	11,500 over 12 month period; 8,350 requested by Dec. 31, 1942	12,277	11,669	Total original number of sets covered by Protocol commitment have been made available.	
23.	Radio Tubes	2,000,000 over 12 month period on schedule to be arranged.	1,799,194	752,490	On schedule	Due to late filing of specifications by U.S.S.R., some items of equipment called for under this heading may not be manufactured and made available for delivery during the Protocol period.
24.	Generators, Gas Driven (Battery Chargers)	10,000 over 12 month period	(d)	9,449	On schedule	

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Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July-April (3)	Quantities Assigned July-April (a) (4)	Quantities Made Available July-April (b) (5)	Status as of April 30, 1943 (c) (6)	Remarks (7)
27.	Radio Direction Finders (various types)	Total commitment 150 at the rate of 50 per month November, 1942; December, 1942; January, 1943.	20*	7*	130 short	*Includes 4 sets furnished by the U. S. Navy. This type of equipment is in very short supply and assignments by the Communications and Radar Assignments Coordinating Committee to U.S.S.R. are subject to strategic considerations and relation to U. S. requirements.
28.	Measuring and Test Equipment	\$1,500,000 worth over 12 month period on schedules to be arranged.	(d)	\$208,401	-	Due to late filing of specifications by U.S.S.R., some items of equipment called for under this heading may not be manufactured and available for delivery during the Protocol period.
30.	Dry Cells for Field Telephones	1,500,000 over 12 month period on schedule to be arranged.	(d)	514,850*	-	*The normal issue of 4 batteries for each Field Telephone Type EE-8-A totaling 243,200 batteries have been made available in addition to the amount reported.
31.	Dry Cells for Radio Equipment	400,000 over 12 month period on schedule to be arranged.	(d)	138,843	-	
32.	Radio Component, Parts and Accessories	\$500,000 worth over 12 month period on schedule to be arranged.	\$211,702	\$211,702	-	Due to late filing of specifications by U.S.S.R., some items of equipment called for under this heading may not be manufactured and made available for delivery during the Protocol period.
34.	Field Repair Shops (134 vehicles per 10 units)	70 consisting of 938 vehicles.	60 consisting of 804 vehicles	784* vehicles	Slightly behind schedule	*A total of 64 vehicles are reported on April 25, 1943 as not floated, although made available for more than 45 days prior thereto.

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NOTE 1:

The Second Russian Protocol provides that "Ammunition for all weapons will be supplied in the same proportion as for United States troops and, if practicable, in an amount equal to the accuracy life of weapons".

Pursuant to this commitment, finished ammunition has been furnished to U.S.S.R. The summary below covers assignments made from July 1, 1942 to March 31, 1943. Assignments against April production are based on production estimates, subject to adjustment, and therefore are not included. Ammunition assigned ordinarily becomes available within 45 days after assignment.

AMMUNITION (rds.)	
30 Cal. AP	108,070,000
30 Cal. Tracer	56,377,000
30 Cal. Links	110,329,000
30 Cal. Ball	192,200,000
45 Cal. Ball	197,500,000
50 Cal. AP	91,288,000
50 Cal. Tracer	35,466,000
50 Cal. Links	186,724,000
30 Cal. Incend.	97,350,000
50 Cal. Incend.	50,946,000
20MM HE	180,000
37MM AP	20,000
37MM HE	5,000
75MM AP	917,200
75MM HE	1,060,000
81MM HE	284,000
90MM HE	261,546

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1.

## WAR DEPARTMENT

### STATUS OF GROUND MILITARY ITEMS ON THE SECOND RUSSIAN PROTOCOL

#### GROUP II. VARIOUS MATERIAL, MACHINERY AND EQUIPMENT

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July-April (3)	Quantities Assigned July - April (a) (4)	Quantities Made Available July-April (b) (5)	Status as of April 30, 1943 (c) (6)	Remarks (7)
1.	Armor Plate (long tons)	10,000	749	749	Further commitment canceled at U.S.S.R. request.	
36.	Phenol (lbs.)	20,000,000	(d)	22,724,442*	2,724,442 over	*Includes carryover from First Protocol after totaling War Department procurement and private contracts.
38.	Ethylene Glycol (lbs.)	Total original commitment 4,800,000	(d)	4,800,670	Total original commitment has been met.	Excess is a credit under Protocol Item 61-A.
39.	Sodium Bromide (lbs.)	Total original commitment 3,600,000	(d)	3,608,600*	Total original commitment has been met.	*Includes carryover from First Protocol after totaling War Department procurement and private contracts. Excess is a credit under Protocol Item 61-A.
40.	Phosphorous (lbs.)	Total original commitment 4,800,000	(d)	4,921,099*	Total original commitment has been met.	*Includes carryover from First Protocol after totaling War Department procurement and private contracts. Excess is a credit under Protocol Item 61-A.

#### LEGEND:

- (a) Includes material assigned prior to June 30, 1942, but not exported to apply on First Protocol.
- (b) Includes material assigned and made available prior to June 30, 1942, but not exported to apply on First Protocol.
- (c) Column 5 as compared with Column 3.
- (d) As available from production.

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2.

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Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July-April (3)	Quantities Assigned July - April (a) (4)	Quantities Made Available July-April (b) (5)	Status as of April 30, 1943 (c) (6)	Remarks (7)
41.	Dibutyl Phthalate (lbs.)	6,000,000	6,424,697*	6,120,157*	120,157 over	*Includes carryover from First Protocol. 2,772,616 lbs. reported available but not floated as of April 15, 1943.
	Dimethylaniline (lbs.)	Total original commitment 6,000,000	6,152,660*	6,152,660*	Total original commitment has been met.	*Includes carryover from First Protocol. Excess is a credit under Protocol Item 61-A. 2,238,660 lbs. reported available but not floated as of April 15, 1943.
43.	Diphenylamine (lbs.)	3,000,000	3,380,590*	3,010,280*	10,280 over	*Includes carryover from First Protocol. 961,200 lbs. reported available but not floated as of April 15, 1943.
44.	Colloxyline (lbs.)	Revised com- mitment agreed to by USSR re- presentatives: Carryover from First Protocol 505,819 Requisition on Second Protocol 17,018,565 Total 7,524,384 Pro rata commitment April 30 6,271,820	7,060,724*	7,060,724	788,904 over	*Includes carryover from First Protocol. Available but not floated as of April 30, 1943 - 3,806,796 lbs.
45.	Methanol (lbs.)	20,000,000	(d)	20,708,514	708,514 over	
46.	Urotropine-Hexamine (lbs.)	7,600,000	(d)	5,152,500*	On schedule	*Additional quantities are being procured and made available to USER through U. S. government agencies other than the War Department.

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3.

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July-April (3)	Quantities Assigned July-April (a) (4)	Quantities Made Available July - April (b) (5)	Status as of April 30, 1943 (c) (6)	Remarks (7)
48.	Ammonium Chloride (lbs.)	8,000,000	(d)	8,406,400	406,400 over	
50.	Potassium Nitrate (lbs.)	Total original commitment 7,200,000	(d)	7,200,000	Total original commitment has been met.	
51.	Ammonium Sulpho Cyanate (lbs.)	Total original commitment 6,000	(d)	6,000	Total original commitment has been met.	
52.	Ethyl Centralite (lbs.)	1,000,000	1,301,018*	1,120,750*	120,750 over	*Includes 48,018 pounds Methyl Centralite which was accepted by USSR against this Protocol commitment.
53.	Resorcinol (lbs.)	Total original commitment 240,000	(d)	240,000	Total original commitment has been met.	
54.	Barium Peroxide (lbs.)	500,000	(d)	500,400	400 over	
55.	Strontium Oxalate (lbs.)	160,000	(d)	183,950	23,950 over	
56.	Rhodamine (lbs.)	Total original commitment 12,000	(d)	12,000	Total original commitment has been met.	
57.	Thorium (lbs.)	Total original commitment 6,000	(d)	6,108	Total original commitment has been met.	Excess is a credit under Protocol Item 61-A.

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4.

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July-April (3)	Quantities Assigned July-April (a) (4)	Quantities Made Available July-April (b) (5)	Status as of April 30, 1943 (c) (6)	Remarks (7)
58.	Cerium Metal (lbs.)	Total original commitment 36,000	(d)	36,000	Total original com- mitment has been met.	
60.	Potassium Sulphate (lbs.)	Total original commitment 3,600,000	(d)	3,600,000	Original commitment has been met.	
61.	Anthracene (lbs.)	Total original commitment 17,790	(d)	17,790	Original commitment has been met.	
61A.	Miscellaneous Chemicals	The Protocol commitment on specific items was enlarged by subsequent agreement to in- clude 60,000 short tons "designed to make allowance for the con- siderable volume of additional requests which USSR will need to make". Availability is to "depend upon the supply situation pre- vailing at the time particular requests are made".		36,930	On schedule	In addition, amounts made available in excess of original Protocol requirements on Items 36 and 38 to 60 inclusive are to be credited against this item. The amounts of such excess deliveries cannot be determined until the original commit- ments have been met in full. Substantial amounts of chemicals accountable against this item are being procured and de- livered to USSR by agencies other than the War Department.
71.	Leather (short tons)	13,069	8,257	8,257	4,812 short	In Storage 3,696 In Transit - At Port 1,140 Floated 3,521
72.	Army Shoes (prs.)	2,000,000	2,232,000	2,233,374	233,374 over	In Storage 32,545 In Transit 193,290 At Port 53,225 Floated 1,954,314

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5.

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July-April (3)	Quantities Assigned July-April (a) (4)	Quantities Made Available July-April (b) (5)	Status as of April 30, 1943 (c) (6)	Remarks (7)
73.	Army Cloth (yds.)	15,000,000	15,496,761	14,708,296	291,704 short	In Storage 4,782,781 In Transit 122,254 At Port 4,288,459 Floated 5,514,802
75.	Webbing, Tubular (yds.)	30,000,000	28,732,000	26,722,074	3,277,926 short	In Storage 10,525,455 In Transit -0- At Port 6,285,106 Floated 9,911,513
GROUP V.	MEDICAL SUPPLIES	\$10,000,000	\$10,095,909	\$10,095,909.	\$95,909 over	*Breakdown: Shipped from U. S. Storage depots \$9,048,282 On hand but not shipped \$1,047,627

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1. 1,047,125	2. 2,364,200	3. 2,000,180	4. 1,000,000	5. 40,000	6. 40,000	7. 200,000	8. 9,100	9. 40,000	10. 40,000	11. 40,000	12. 40,000	13. 40,000	14. 40,000	15. 40,000	16. 40,000	17. 40,000	18. 40,000	19. 40,000	20. 40,000	21. 40,000	22. 40,000	23. 40,000	24. 40,000	25. 40,000	26. 40,000	27. 40,000	28. 40,000	29. 40,000	30. 40,000	31. 40,000	32. 40,000	33. 40,000	34. 40,000	35. 40,000	36. 40,000	37. 40,000	38. 40,000	39. 40,000	40. 40,000	41. 40,000	42. 40,000	43. 40,000	44. 40,000	45. 40,000	46. 40,000	47. 40,000	48. 40,000	49. 40,000	50. 40,000	51. 40,000	52. 40,000	53. 40,000	54. 40,000	55. 40,000	56. 40,000	57. 40,000	58. 40,000	59. 40,000	60. 40,000	61. 40,000	62. 40,000	63. 40,000	64. 40,000	65. 40,000	66. 40,000	67. 40,000	68. 40,000	69. 40,000	70. 40,000	71. 40,000	72. 40,000	73. 40,000	74. 40,000	75. 40,000	76. 40,000	77. 40,000	78. 40,000	79. 40,000	80. 40,000	81. 40,000	82. 40,000	83. 40,000	84. 40,000	85. 40,000	86. 40,000	87. 40,000	88. 40,000	89. 40,000	90. 40,000	91. 40,000	92. 40,000	93. 40,000	94. 40,000	95. 40,000	96. 40,000	97. 40,000	98. 40,000	99. 40,000	100. 40,000
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## SUMMARY OF TABULATION "B"

This tab indicates the amounts of War Department procurement items which had been made available but were not shipped by the U.S.S.R. for forty-five days or longer. The list includes appreciable quantities of Tractors, Ammunition, Chemicals, Signal Equipment, Cloth and Webbing.

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SECOND RUSSIAN PROTOCOL MATERIALS AVAILABLE  
BUT NOT FLOATED WITHIN 45 DAYS

1.

CHEMICAL	Status as of April 25, 1943	SIGNAL
Oil, Aniline (lbs.)	1,047,222	P Radio Set #19 112
P Ammonium Chloride (lbs.)	3,352,500	Installation Kit for Set #19 472
P Potassium Nitrate (lbs.)	3,006,150	Batteries BA-23 700
P Potassium Sulphate (lbs.)	1,020,000	Batteries BA-30 150,000
P Resorcinol (lbs.)	40,000	Batteries BA-34 5,000
P Strontium Oxalate (lbs.)	88,000	Batteries BA-37 40
P Barium Peroxide (lbs.)	200,100	Batteries BA-38 40
Pyrocatechin (lbs.)	6,720	Batteries BA-39 869
Paraphenetidine (lbs.)	62,196	Batteries BA-40 7,307
Bakelite Lacquer (lbs.)	67,200	Batteries BA-51 100
Diphenylguanidine (lbs.)	68,075	Batteries, Others 39,304
P Phenol (lbs.)	4,295,000	P Single Conductor Wire (mi.) 27,376
P Sodium Bromide (lbs.)	1,000,000	Reels 1,900
P Methanol (lbs.)	6,048,722	Power Units 50
Trichlorethylene (lbs.)	224,250	Switches 70,000
P Cerium Metal (lbs.)	9,000	P Tubes 219,950
Tungstic Acid (lbs.)	54,000	Resistors 2,464
Ethylene Dibromide (lbs.)	994,600	Insulators 201
Ethyl Cellulose (lbs.)	11,200	Variable Inductors 50
Thiuram (lbs.)	40,500	Radio Receiver HDQ 28
Ethylene Chlorhydrin (lbs.)	22,680	Wireless Sets #48 65
Diethyl Aniline (lbs.)	13,600	Radio Set SCR-245MK 61
Ethyl Alcohol Denatured (lbs.)	336,897	Radio Set #48 200
Paranitrochlorobenzol (lbs.)	300,200	Radio Compasses 240
Vistenax (lbs.)	150,000	Telephones EE-108 5,400
Acetone (lbs.)	1,500,000	Hand Generator Sets 1,560
Hydroquinone (lbs.)	44,800	Flashlights 25,000
P Ethylene Glycol (lbs.)	4,006,715	Crystal Holders 100
P Rhodamine (lbs.)	3,000	Capacitors 1,657
P Phosphorus, White (lbs.)	1,666,328	Transmitters 20
Durite Resin (lbs.)	13,630	Condensers 12,438
Zelon (lbs.)	33,600	Field Radio Stations 884
Magnesium Oxide (lbs.)	11,220	Sockets 1,500
Benzyl Chloride (lbs.)	11,235	Instruction Books 4,810
Benzaldehyde (lbs.)	5,850	Spare Parts & Maintenance Parts 1,500
Diethylene Glycol (lbs.)	168,000	
Potassium Bromide (lbs.)	44,800	

Legend: Items identified as "P" are specifically listed in the Second Protocol.

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## SECRET

SECOND RUSSIAN PROTOCOL MATERIALS AVAILABLE  
BUT NOT FLOATED WITHIN 45 DAYS

Status as of April 25, 1943

ORDNANCE

	Universal Carriers	14
P	Car, Scout, M3A1	333
P	Gun, 37mm, AA, M1A2	165
	Gun, 40mm, Auto., M1, AA	180
	Gun, 3" Motor Carriage M10	2
P	Tractor, Medium	456
P	Trucks	17
	Special Ordnance Vehicles	64
	Shot and Shells (rds.)	6,046,252
	Anti-Aircraft Fire Control Equipment	290
	Miscellaneous Fire Control Equipment	66
	Cannister, Fixed, M2, 37mm Gun	70,000
	M3, M3A1, M5, M6	
P	Dimethylaniline (lbs.)	1,293,510
P	Toluene (lbs.)	1,948,627
P	Dibutylphthalate (lbs.)	1,518,564
P	Colloxyline (lbs.)	3,320,736
	Dynamite (lbs.)	21,893,572
	Ammonium Nitrate (lbs.)	7,677,825
	Smokeless Powder, 90mm Gun (lbs.)	100,190
P	Diphenylamine (lbs.)	389,650
	Picric Acid (lbs.)	1,317,123
P	Hexamine (lbs.)	750,000
	Caps, Blasting	61,000
	Kontakt, D.P. Acid Grain (lbs.)	513,066
	Nitrocellulose Sheets (mtrs.)	1,725,000
	Glycerine, Dynamite Grade (lbs.)	638,400
	Potassium Chlorate (lbs.)	159,960

Legend: Items identified as "P" are specifically listed in the Second Protocol.

QUARTERMASTER

	Belts, Leather	45,321
	Blankets, Woolen	261
	Cloth, Tarpaulin, Duck (yds.)	132,260
	Cloth, Toweling (yds.)	477,690
P	Army Cloth (yds.)	4,290,326
P	Webbing (yds.)	11,688,114
	Paulins, Tank Covers	2,366
P	Shoes (prs.)	144
	Hooks, w/eyes	10,879,000
	Buckles (dos.)	64,166

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STATUS OF AIRCRAFT ON SECOND PROTOCOL

Delivered May - April	Assignments July - April	Delivered From Factory through April vs Protocol Amount
(1)	(2)	(3)
120	120	100
1,000	941	94.1
1,000		1,000

SUMMARY OF TABULATION "C"

The attached tabulation shows the status of factory deliveries of aircraft on the Second Protocol to be:

Type	Percentage of Protocol Commitment met through April
Medium Bombers	100%
Light Bombers	95%
Fighters	102%
Transports	147% *

\* Supplemental Protocol request.

A comparison is included showing current progress being made on completion of flight delivery of planes.

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# SECRET

## STATUS OF AIRCRAFT ON SECOND RUSSIAN PROTOCOL

Type (1)	Number on Protocol July - April (2)	Assignments July - April (3)	Delivered from Factory through April on Protocol Account (4)	Delivered from Factory through April on Protocol Account for May (5)
Medium Bombers	120	120	120	0
Light Bombers	1,000	941	941	10
Fighters	1,000	1,000	1,000	27
Transports	40 **	40	40	19 *
Sub-totals	2,160	2,101	2,101	56
Plus deliveries in advance			56	
Total deliveries from factory July-April			2,157	

\* The U.S. Army Air Forces have also made available 10 transports on loan. Ultimately, it is expected that these transports on loan will be turned over in fulfillment of later Supplemental Protocol requests.

\*\* Supplemental Protocol item.

## ANALYSIS OF BACKLOG OF UNDELIVERED PLANES IN UNITED STATES SCHEDULED FOR FLIGHT DELIVERY

Type (1)	As of March 31, 1943 (2)	As of April 30, 1943 (3)
Medium Bombers	0	13
Light Bombers	87	219
Fighters	95	51 ***

\*\*\* Includes 18 planes produced for delivery to U.S.S.R. against U. K. account.

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SUMMARY OF TABULATION "D"

This tab presents the status of the projects to augment the flow of supplies to U.S.S.R. through the Persian area. Status of troop assignments, equipment and supplies and cargo shipments is summarized.

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## STATUS OF PROJECTS IN PERSIAN AREA AS OF APRIL 17, 1943

<u>Item</u>	<u>Status of Completion</u>	<u>Number Received To Date</u>	<u>Number Delivered to Russians To Date</u>
Khorramshahr Port facilities	Work is substantially complete except that wharves are being widened an additional 50 feet and are being surfaced to railroad track level.		
Andimeshk-Ahwaz-Khorramshahr-Tanuma Road Project	Completed		
Trucks		32,294 *	18,478
Airplanes:			
AT-6's		18	14
A-20's		882	791
B-25's		122	114
P-40's		250	152
P-39's		161	127
Barge Assemblies	328 barges assembled 305 barges delivered		

\*Includes total in port at Persian Gulf on ships, and en route to assembly plants.

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STATISTICAL SUMMARY OF ACTION TAKEN ON FURNISHING MEN  
AND EQUIPMENT TO THE PERSIAN GULF SERVICE COMMAND

## TROOP BASIS

	<u>O</u>	<u>WO</u>	<u>N</u>	<u>EM</u>	<u>Aggregate</u>
(1) Now in Persian Gulf Area	1,092	44	125	16,966	18,227
(2) En route	245	10	84	5,183	6,122
(3) Scheduled to sail early May	83	6		2,670	2,759
(4) Scheduled to sail late May	32	—	—	806	838
	<u>1,452</u>	<u>60</u>	<u>209</u>	<u>26,225</u>	<u>27,946</u>

### STATUS OF TRUCKS

	<u>Allotted</u>	<u>Floated to April 30 *</u>
10-ton	702	370
2-1/2-ton w/7-ton trailer**	1,378	1,378
2-1/2-ton cargo	2,874***	1,902
Gas tank trucks (3000-4000 gal)	150	78

- \* Including one vessel loading April 26 which will sail after May 1.
- \*\* Including 828 now in British possession at destination which British have agreed to turn over to PGSC.
- \*\*\* Including 200 for Iranian Government.

# SECRET

3.

## STATUS OF RAILWAY ROLLING STOCK

<u>Item</u>	<u>Allotted</u>	<u>Actually Floated to April 30*</u>
<u>International Aid</u>		
Oil Burning Steam Locomotives	95	95
Diesel Engines	24	24
20-ton Box Cars	960	960
40-ton Box Cars	380	380
40-ton High-side Gondolas	280	280
40-ton Low-side Gondolas	100	100
50-ton War-flat Cars	100	100
Tank Cars (10,000 Gals.)	150	150
Caboosees	60	60
<u>U. S.</u>		
Diesel Electric Locomotives	57	57
20-ton Box Cars	500	500
40-ton Box Cars	320	320
20-ton Gondola Cars	1060	830
50-ton War-flat Cars	200	200
Tank Cars	35	27

## SUMMARY OF CARGO IN MEASUREMENT TONS (APPROXIMATE)

	<u>Shipped Through April 30</u>	<u>Estimated Balance Unshipped</u>
Cargo on movement orders and shipment orders	143,913	36,931
***Cargo not on movement orders or shipment orders	226,984	17,082
	<u>370,897</u>	<u>54,013</u>

- \* Including one vessel loading April 26 which will sail after May 1.  
 \*\*\*Railway rolling stock, motor vehicles, material handling equipment.

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4.

CARGO SHIPMENTS

Cargo Ship Sailings

	<u>Month</u>	<u>Number of Cargo Ships</u>	
		<u>Actual</u>	<u>Scheduled</u>
1942	November	2 U.S.	5 U.S.
	December	3 U.S.	5 U.S.
1943	January	3 U.S. & 1 Russian	5 U.S. & 2 Russian
	February	0 U.S. & 1 Russian	3 U.S. & 2 Russian
	March	4 U.S. & 2 Russian	4 U.S.
	April	6 U.S. & 1 Russian	4 U.S.
	May		4 U.S. & 1 Russian

REQUIREMENTS

Remaining cargo under shipment orders  
Maintenance

Number Cargo Ships

5 Total  
2 Per month

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SUMMARY OF TABULATION "E"

This tab schedules equipment and materials furnished by the War Department to U.S.S.R. during the period of the Second Russian Protocol, in addition to the items listed specifically in the Protocol.

<u>General Classification</u>	<u>Estimated Dollar Value</u>
Chemical Warfare Items	\$ 1,250,124
Engineer Items	3,778,322
Ordnance Items	\$ 44,201,488
General Supplies	2,744,695
Motor Transport	<u>850,429</u>
	47,796,612
Quartermaster Items	41,085,101
Signal and Communication Items	<u>6,000</u>
Total	<u>\$ 93,916,159</u>

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# SECRET

## SUPPLEMENTAL SECOND RUSSIAN PROTOCOL ITEMS FURNISHED TO U.S.S.R. (Availability figures on these items as of March 31, 1943)

### Chemical Warfare Service

Description	Requisition or Sequence Record No.	Requisitioned Quantity	Quantity Authorized for Procurement	Unit	Dollar Value	Made Available March 31, 1943
Sets Anti Dim	SR 4008		100	Sets	\$ 4	100
Mask, Gas, Service	SR 4008		10	Sets	60	10
Ointment Protective	SR 4008		10	Tubes	6	10
Impregnate, Shoe	SR 4008		10	Cans	4	10
Curtains, Gas Proof	SR 4011		2	Each	9	2
Mask, Horse M4	SR 4011		1	Each	10	1
Mask, Horse M5	SR 4011		1	Each	10	1
Mask, Gas, Optical	SR 4011		2	Each	21	2
Pots Smoke, Floating HC M4	R 12230	100,000	100,000	Each	1,250,000	5,000
Total Estimated Dollar Value					\$ 1,250,124	

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# SECRET

## SUPPLEMENTAL SECOND RUSSIAN PROTOCOL ITEMS FURNISHED TO U.S.S.R. (Availability figures on these items as of March 31, 1943)

### Ordinance

Description	Requisition or Sequence Record No.	Requisitioned Quantity	Quantity Authorized for Procurement	Unit	Dollar Value	Made Available March 31, 1943
Launcher Rocket	SR 1849 C		2,400	Each)		2,400
	SR 10116 D		2,400	Each)	\$ 12,480	600
Gun spares, 37 mm Tank	R 11265	60	60	Each	85,500	60
Quadrant Gunners M1	SR 1719		4	Each	180	4
	SR 10269		5	Each	225	5
	SR 10098		4	Each	180	4
Universal Carriers	SR 1942		74	Each	444,000	74
	SR 1968		48	Each	288,000	48
	SR 10155		364	Each	2,184,000	364
	SR 10296		125	Each	750,000	125
	SR 10200		2	Each	171,884	2
Gun 3" SP on Motor Carriage	SR 1719 J		8	Each	60	9
Watches Stop, Type B	SR 10269 G		10	Each	75	10
	SR 10443 H		6	Each	48	6
	SR 10482 T		10	Each	75	10
Shot AP 37 mm, T & AT, M51	R 11042	5,625,000		Rds	22,725,000	991,000
Shot, Fixed AP, M74 with tracer 37 mm gun, M3,5,6	SR 1555 I					
	Blk 40,41,42		225,000	Rds	1,111,000	225,000
	48,49		150,000	Rds	606,000	150,000
	50		50,000	Rds	202,000	50,000
	SR 1707 I					
	Blk 53		52,000	Rds	210,080	52,000
	54		52,000	Rds	210,080	52,000

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## SECRET

Description	Requisition or Sequence Record No.	Requisitioned Quantity	Quantity Authorized for Procurement	Unit	Dollar Value	Made Available March 31, 1943
Shell, Fixed H.E. 37 mm, T & AT	SR 1334 B		219,000	Rds	\$ 643,860	219,000
	SR 1509 C		700,000	Rds	2,058,000	700,000
	SR 1708 B		600,000	Rds	1,764,000	600,000
	SR 1917 B		300,000	Rds	882,000	300,000
	SR 10121 C		300,000	Rds	882,000	300,000
	SR 10272 C		200,000	Rds	588,000	200,000
	SR 10491 A		200,000	Rds	588,000	200,000
	SR 10754		300,000	Rds	882,000	300,000
Canister for 37 mm, T & AT	SR 1334 C		20,070	Each	32,112	20,070
	SR 1509 D		22,183	Each	35,493	22,183
	SR 1708 C		25,705	Each	41,128	25,705
	SR 10491 B		70,000	Each	102,000	70,000
Shell H.E. Light, 81 mm Mortar, M43 CR	R 11050	1,000,000	255,000	Rds	6,520,000	255,000
Shell H.E. Heavy, 81 mm Mortar	SR 1227 A		2,000	Rds	19,900	2,000
	SR 1334 E		2,000	Rds	19,900	2,000
	SR 1509 E		2,000	Rds	19,900	2,000
	SR 1708 E		2,000	Rds	19,900	2,000
	SR 1917 E		2,000	Rds	19,900	2,000
	SR 10121 E		2,000	Rds	19,900	2,000
	SR 10491 D		1,000	Rds	9,950	1,002
	SR 10754 B		1,000	Rds	9,950	1,002
	SR 10272 E		2,000	Rds	19,900	2,001
Shell H.E. 3", M42A1 with fuze	SR 1527 A		500	Rds	8,370	500
	SR 10201 A		200	Rds	3,348	200
Shot APC 3", T & AT	SR 10201 B		1,800	Rds		1,800
Rocket 2.36" AT M7	SR 1193 B		2,700	Each	11,070	1,700
Total Estimated Dollar Value					\$ 44,201,448	

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## SUPPLEMENTAL SECOND RUSSIAN PROTOCOL ITEMS FURNISHED TO U.S.S.R. (Availability figures on these items as of March 31, 1943)

### Ordnance Department

Description	Requisition or Sequence Record No.	Requisitioned Quantity	Quantity Authorized for Procurement	Unit	Dollar Value	Made Available March 31, 1943
General Supply Items						
General Motors Diesel Engines with transmissions	R 10002	1,500	1,500	Each	\$ 2,640,000	391
Cupolas for Medium Tank M3	R 10848	69	69	Each	75,000	69
Towing Cables for Medium Tank M3	R 10852	400	400	Each	16,000	200
Towing Cables for Light Tank M3	R 11141	400	400	Each	10,000	400
Starters for Medium Tanks M3	R 11805	8	8	Each	2,560	8
Starters for Light Tanks M3	R 11805	2	2	Each	605	2
Batteries for Medium Tanks M3	R 11805	15	15	Each		15
Batteries for Light Tanks M3	R 11805	3	3	Each		3
Mechanical Turret Traversing Assembly Medium Tank	R 11805	9	9	Each		9
Mechanical Turret Traversing Assembly Light Tank	R 11805	2	2	Each		2
Oil line, Medium Tank	R 11805	12	12	Sets		12
Oil line, Light Tank	R 11805	8	8	Sets		8
Instruments on Panel Board, Medium Tank	R 11805	5	5	Sets	530	5
Instruments on Panel Board, Light Tank	R 11805	3	3	Sets		3
Special Overhaul tools for Medium Tank	R 12176	Various	All			All
Total Estimated Dollar Value					\$ 2,744,695	

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SUPPLEMENTAL SECOND RUSSIAN PROTOCOL  
ITEMS FURNISHED TO U.S.S.R.  
(Availability figures on these  
items as of March 31, 1943)

Ordnance Department

Description	Requisition or Sequence Record No.	Requisitioned Quantity	Quantity Authorized for Procurement	Unit	Dollar Value	Made Available March 31, 1943
<b>Motor Transport Items</b>						
Spark Plugs	R 10027	43,880	43,880	Each	\$ 38,070	43,880
Spare parts for Dodge Truck WF-32	R 10612	Various	All			75%
Batteries (spare) for Trucks	R 11088	1,400	1,400	Each		500
Snow Removers - TU-3	R 11551	15	15	Each	288,000	15
Snow Plows - Model 883	R 11552	25	25	Each	480,000	18
Tires, Synthetic Rubber 7.50 x 20	SR 2133 A		40	Each		40
Tire Chains, dual 6.00 x 16	SR 10025		1,000	Each		1,000
7.50 x 20			1,000	Each		1,000
Brake Fluid	R 12112	25,850	25,850	Gal	44,352	25,850
<b>Total Estimated Dollar Value</b>					<b>\$ 850,429</b>	

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## SUPPLEMENTAL SECOND RUSSIAN PROTOCOL ITEMS FURNISHED TO U.S.S.R. (Availability figures on these items as of March 31, 1943)

### Engineer Corps

Description	Requisition or Sequence Record No.	Requisitioned Quantity	Quantity Authorized for Procurement	Unit	Dollar Value	Made Available March 31, 1943
Pump 450 gal horizontal triples with electrical equipment	R 10051	2	2	Each )		2
High and low pressure pipes with flanges, control bolts, etc.	R 10051	500	500	Ft ) \$	77,950	504
Pneumatic Floats 6 ton	R 10052	3,000	3,000	Each	1,994,096	3,000
Fuze, Clover Brand type	R 10161	8,005,233	8,005,233	Ft	84,000	8,016,000
Cord, Detonation	R 10162	459,000	459,000	Ft	10,295	459,000
Flex tow fire hose	R 10330	17,017	16,900	Ft	13,100	16,900
Air compressors, 105 cu. ft. capacity	R 10349	30	30	Each		30
Outboard Motor 3 H.P.	R 10349	50	50	Each	12,500	50
Spare parts for air compressors	R 10349	30	30	Set		30
Gar Wood hydraulic scrapers Model S8	R 10415	40	40	Each	142,000	40
Adams Pull type leaning wheel graders, Model #125 with spares	R 10496	2	2	Each	5,050	2
Adams Pull type leaning wheel graders, Model #124 with spares	R 10497	10	10	Each	19,350	10
Model #105	R 10498	3	3	Each	6,200	3
Model #104	R 10498	3	3	Each	4,558	3
Adams Elevating Grader, Model #11	R 10499	3	3	Each	17,350	3
Ten ton Huber 3 wheel road rollers with four cylinder Model D-4400 caterpillar or diesel engine	R 10500	10	10	Each	348,000	10
Gar Wood Bulldozers	R 10502	40	40	Each)		18
Allis Chalmers Diesel Tractors	R 10502	40	40	Each)	275,000	18
Searchlights AA 60" mobile with accessories	R 11058	204	204	Each	284,911	78
Clover Brand Type Fuze	R 11214	8,074,878	8,000,000	Ft.	84,000	4,000,000
Detonation Cord	R 11215	463,313	459,200	Ft.	4,500	459,200
Detonation Cord	R 11219	114,537	114,000	Ft.	1,280	114,000

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Description	Requisition or Sequence Record No.	Requisitioned Quantity	Quantity Authorized for Procurement	Unit	Dollar Value	Made Available March 31, 1943
Cap Dynmo Blasting Machines	R 11396	50	50	Each)		50
Galvanometer Blasting	R 11396	50	50	Each)		50
Wire Copper, 2 conductor	R 11396	50	50	Coil)		50
Wire Annunciator	R 11396	125	125	Roll)	\$ 3,000	
Wire Cutters, Engineering Type	R 11433	65,000	65,000	Each	357,500	35,000
Gar Wood Trailbuilders mounted on tractors	R 11808	9	9	Each	13,500	9
Gas Pull type leaning wheel grader #104	R 11809	9	9	Each	20,182	9
Air Field Equipment						
Boundary Marker Lites MCL-1070-G	SR 5071 A		24	Each		24
Boundary Marker Lites, Amber MCL-1070-Y	SR 5071 B		4	Each		4
Boundary Marker Lites MCL-1070	SR 5071 C		4	Each		4
Boundary Marker Lites, Knockover type, but multiple not series BSAB-4600-MADT-1	SR 5071 D		48	Each		48
Obstruction lites with telephonic prismatic refractor and red aviation color globe EXAB-36002-RAT	SR 5071 E		20	Each		20
Double Obstruction lites, red glassware EXAB-36002-RAT	SR 5071 F		10	Each		10
Double Obstruction lites, amber glass globe EXAB-36002-MAT	SR 5071 G		10	Each		10
16" Cast Alum Floodlight, 16-A-1121	SR 5071 H		3	Each		3
Mazda Lamps 750 W220 V clear general service, PS-52	SR 5071 I		6	Each		6
Master Stations #117449-54-47-50-51-48-44-45-46-53- 55-52, X392	SR 5071 J		12	Each		12
Speaker Stations XHBO	SR 5071 K		34	Each		34
Speaker Stations XZYU	SR 5071 L		80	Each		80
Art #12902, twisted pair #19 solid lead covered cable	SR 5071 M		23,000	Ft.		23,000
80 Tubes, TYPE	SR 5071 N		5	Each		5
6160 Tubes, TYPE	SR 5071 O		5	Each		5
6080 Tubes, TYPE	SR 5071 P		5	Each		5
Floodlights, Type 14180 Door Glass 300-500 Watt 14-A-1111	SR 5071 Q		5	Each		5
Floodlights, Type 16180 Door Glass 750-1000 Watt 16-A-1121	SR 5071 R		5	Each		5
Lenses, 1442-S	SR 5071 S		3	Each		3
Lenses, 16242-S	SR 5071 T		3	Each		3
Lenses, 14042-S	SR 5071 U		2	Each		2
Lenses, 16242-CIRA	SR 5071 V		2	Each		2

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# SECRET

Description	Requisition or Sequence Record No.	Requisitioned Quantity	Quantity Authorized for Procurement	Unit	Dollar Value	Made Available March 31, 1943
Floodlights Reflector 14014-N	SR 5071 W		1	Each		1
Floodlights Reflector 16116-H	SR 5071 X		1	Each		1
Utility Floodlight 62-A-2611-36	SR 5071 Y		1	Each		1
Boundary Lights, knockover BXAB-4600-MADT-1	SR 5071 Z		1	Each		1
Boundary Marker Lights MOL-1070-G	SR 5071 AA		4	Each		4
Boundary Marker Lights MOL-1070	SR 5071 BB		46	Each		46
Runway Marker Lights MOL-2015-R	SR 5071 CC		30	Each		30
Runway Marker Lights MOL-2016-O	SR 5071 DD		30	Each		30
Runway Marker Lights MOL-2015	SR 5071 EE		40	Each		40
Green Color Screens MOL-43-G	SR 5071 FF		10	Each		10
Asymmetrical Lenses MOL-33	SR 5071 GG		10	Each		10
Amber Color Screens MOL-43-A	SR 5071 HH		10	Each		10
Obstruction lights with holophone prismatic refractor and red aviation color globe BXAB-3600-RAT	SR 5071 II		40	Each		40
Double Obstruction Lights, BXAB-36002-RAT	SR 5071 JJ		20	Each		20
Amber aviation color globes, 2353-A	SR 5071 KK		5	Each		5
Red aviation color globes, 2353-B	SR 5071 LL		5	Each		5
Prismatic Crystal glasses, refractor	SR 5071 MM		5	Each		5
Crystal Glass Diffusers	SR 5071 NN		5	Each		5
Alidade Ceiling Height Indicator Thread on 4" pipe CED-2000	SR 5071 OO		1	Each		1
12 Volt 35 amp pressure, airplane adlite lamps for ceiling projector G-25	SR 5071 PP		3	Each		3
Vaporlight and Lighting Pylet, BOLB-175	SR 5071 QQ		20	Each		20
Vaporlight and Lighting Pylet, BOLB-175	SR 5071 RR		10	Each		10
Vaporlight and Lighting Pylet, BOLB-2752	SR 5071 SS		10	Each		10
3/4" Style K comp Recepts, CRA-23	SR 5071 TT		10	Each		10
1" Style J receipts comp CRA-23-42-H	SR 5071 UU		10	Each		10
Plugs, SP-42	SR 5071 VV		10	Each		10
Plugs, SPK-3042-H	SR 5071 WW		10	Each		10
3/4" Style K comp receipts CRA-12	SR 5071 XX		10	Each		10
Plugs, SP-13	SR 5071 YY		10	Each		10
3/4" Style J comp receipts CRA-13-H	SR 5071 ZZ		10	Each		10

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# SECRET

Description	Requisition or Sequence Record No.	Requisitioned Quantity	Quantity Authorized for Procurement	Unit	Dollar Value	Made Available March 31, 1943
Plugs, SP-39-H	SR 5071 AAA		10	Each		10
Style K Comp Receptacles, CRHB-36045	SR 5071 BBB		10	Each		10
Plugs SPK-6045	SR 5071 CCC		10	Each		10
Style K Comp Recepts, CRHB-33	SR 5071 DDD		10	Each		10
Plugs SFJP-3032	SR 5071 EEE		10	Each		10
Port Hand Lamps, HLC-1100	SR 5071 FFF		5	Each		5
Port Hand Lamps, HLJ-1100	SR 5071 GGG		5	Each		5
Port Hand Lamps, HLV-1002	SR 5071 HHH		5	Each		5
Boundary Marker Lights, MOL-1070-G	SR 5071 III		36	Each		36
Red Color Screens, MOL-43-R	SR 5071 JJJ		10	Each		10
Moulded Heat Resisting Lens MOL-33	SR 5071 KKK		10	Each		10
Vaportight Industrial Lighting Pylots, Form 15, BOLB-115	SR 5071 LLL		650	Each		650
Form 75 with Green Globe, BO-75-G, BOLB-175-G	SR 5071 MMM		100	Each		100
Globes, BO-15	SR 5071 NNN		100	Each		100
Globes, Red, BO-75-R	SR 5071 OOO		100	Each		100
Globes, BO-75-G	SR 5071 PPP		30	Each		30
Globe, BO-75	SR 5071 QQQ		40	Each		40
Boundary Marker Lights MOL-1070	SR 5071 RRR		300	Each		300
Boundary Marker Lights MOL-1070R	SR 5071 SSS		30	Each		30
Boundary Marker Lights MOL-1070G	SR 5071 TTT		120	Each		120
Resisting Lenses MOL-1242-B	SR 5071 UUU		120	Each		120
Green Aviation Heat Resisting Color Screens MOL-43-C	SR 5071 VVV		30	Each		30

Total Estimated Dollar Value (Exclusive of  
value of Airfield Equipment which is not available)

\$ 3,778,322

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# SECRET

## SUPPLEMENTAL SECOND RUSSIAN PROTOCOL ITEMS FURNISHED TO U.S.S.R. (Availability figures on these items as of March 31, 1943)

### Quartermaster Corps

Description	Requisition or Sequence Record No.	Requisitioned Quantity	Quantity Authorized for Procurement	Unit	Dollar Value	Made Available March 31, 1943
Tent, wall small	R 246 ) R 247 )	9,900	9,900	Each	\$ 527,000	9,900
Belts, Leather	R 1771	1,000,000	1,000,000	Yds	624,000	1,000,000
Cloth, Herringbone Twill	R 1191	200,000	200,000	Yds	70,000	200,000
Windbreaker, U.S. Type (Obsolete)	R 1940	38,000	38,000	Each	117,591	38,000
Cotton Quilted Trousers	R 10321	5,000	5,000	Each )		5,000
Cotton Quilted Half Coats		5,000	5,000	Each )		5,000
Body Warmers		5,000	5,000	Each )	140,500	5,000
Blankets, Woolen Coarse	R 10322	4,490	4,490	Each	32,000	4,490
Cloth, Cotton Impermeable	R 10676	1,200	1,200	Sq. Yds	900	1,200
Duck Treated (waterproof) Tank Covers	R 10874	4,200	4,200	Units	400,000	3,359
Belts, Leather	R 11090	380,000	380,000	Yds	228,000	364,000
Socks	R 11119	80,000	80,000	Each	216,000	80,000
Undershirt	R 11119	80,000	80,000	Each	104,800	80,000
Drawers	R 11119	80,000	80,000	Each	113,200	80,000
Suits, Artic Alpaca lined O D	R 11260	100,000	100,000	Each	2,775,000	90,863
Cloth, Cotton Uniform Twill #2,3,4, and 5	R 11364	3,000,000	3,000,000	Yds	1,335,000	3,000,000
Cloth, Navy Blue Covert Woolen	R 11426	27,000	27,000	Yds )		26,990
Cloth, Black Elastique	R 11426	20,000	20,000	Yds )		20,000
Overcoating, Black Doeskin	R 11426	25,000	25,000	Yds )		24,993
Cloth, Navy Blue Elastique	R 11426	22,500	22,500	Yds )	11,426	22,500
Flannel, Canton	R 11428	100,000	100,000	Yds	40,000	100,000
Twill Lining, Cellulose Acetate	R 11428	100,000	100,000	Yds	40,000	99,978
Buckram, Standard	R 11428	50,000	50,000	Yds	7,000	44,446
Cutters Wire, with carriers	R 11433	35,000	35,000	Lbs	175,000	35,000
Cloth, Alpaca	R 11605	400,000	400,000	Yds	1,600,000	327,758

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# SECRET

Description	Requisition or Sequence Record No.	Requisitioned Quantity	Quantity Authorized for Procurement	Unit	Dollar Value	Made Available March 31, 1943
Drawers, Cotton	R 11645	1,000,000	1,000,000	Each)		35,040
Undershirts, Cotton	R 11645	1,000,000	1,000,000	Each)	\$ 1,300,000	9,920
Blankets, Woolen	R 11646	1,000,000	1,000,000	Each	4,000,000	812,979
Ski Bindings	R 11686 A1	125,000	125,000	Prs.	265,150	78,170
Denium, Shrunk Blue 28" 8 oz	R 11705	10,000,000	10,000,000	Yds	2,500,000	4,824,899
Herringbone Twill	R 11705	850,000	850,000	Yds	306,000	848,825
Buckles	R 11706	1,500,000	1,500,000	Doz )		1,355,333
Hooks and Eyes #10	R 11706	1,500,000	1,500,000	Doz )		828,944
Hooks and Eyes #6	R 11706	2,500,000	2,500,000	Doz )		350,205
Trouser Hooks	R 11706	1,500,000	1,500,000	Doz )	192,000	1,009,550
Buttons	R 11708	190,000,000	190,000,000	Each	326,000	94,603,680
Tacks, Iron shoe	R 11709	336,000	336,000	Lbs.	26,800	224,400
Eyelets for shoes	R 11710	2,100,000	2,100,000	Gross	336,000	100,000,000
Ticking, blue or white strips	R 11712	10,000,000	10,000,000	Yds	2,000,000	618,662
Canton, Flannel	R 11713	7,000,000	7,000,000	Yds	1,400,000	518,344
Flannelette	R 11714	4,000,000	4,000,000	Yds	640,000	372,673
Flannelette	R 11715	11,000,000	11,000,000	Yds	1,595,000	2,995,828
Muslin, Bleached	R 11716	5,000,000	5,000,000	Yds	675,000	1,090,927
Muslin, Bleached	R 11717	5,000,000	5,000,000	Yds	575,000	631,370
Moleskin Grayfall	R 11718	2,000,000	2,000,000	Yds	800,000	133,452
Huck Toweling	R 11720	10,000,000	10,000,000	Yds	1,200,000	3,971,453
Plain Toweling	R 11721	2,000,000	2,000,000	Yds	200,000	1,235,346
Sheeting, Bleached	R 11722	11,000,000	11,000,000	Yds	2,750,000	657,816
Herringbone Twill	R 11723	11,000,000	11,000,000	Yds	4,400,000	4,040,100
Muslin, 64 x 64	R 11724	3,000,000	3,000,000	Yds	900,000	650,118
Muslin, Unbleached	R 11725	8,000,000	8,000,000	Yds	1,160,000	2,916,070
Twill, Khaki	R 11726	6,000,000	6,000,000	Yds	2,000,000	1,020,768
Jackets, long (leather)	R 11727	50,000	50,000	Each	1,450,000	8,016
Lasts (Russian army shoes)	R 11876	7,000	7,000	Each	15,400	7,000
Gloves, Woolen grey	R 11891		236,000	Prs.	207,000	243,182
Electrolite	R 11893)	335,225	335,225	Lbs.	298,350	335,225
	R 11894)					
Brake Fluid	R 11893)	698,475	698,475	Lbs.	26,078	698,475
	R 11894)					
Alcohol	R 11893)	50,150	50,150	Lbs.	523,856	50,150
	R 11894)					

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Description	Requisition or Sequence Record No.	Requisitioned Quantity	Quantity Authorized for Procurement	Unit	Dollar Value	Made Available March 31, 1943
Typewriter with standard English letters	R 11984	30	30	Each	\$ 2,100	30
Typewriter with Russian letters	R 11984	155	155	Each		155
Carrier belt M 1936		125,000	125,000	)		
Thompson Sub-machine gun cases	R 12228	250,000	250,000	Each	362,500	5,000
Coat Mackinaw	SR 2097		3,000	Each	24,120	3,000
Trousers, winter combat	SR 2097		3,000	Each	17,250	3,000
Kit, Uniform protective clothing	SR 4008		10	Each	80	10
Total Estimated Dollar Value					\$ 41,085,101	

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# SECRET

## SUPPLEMENTAL SECOND RUSSIAN PROTOCOL ITEMS FURNISHED TO U.S.S.R. (Availability figures on these items as of March 31, 1943)

### Signal Corps

<u>Description</u>	<u>Requisition or Sequence Record No.</u>	<u>Requisitioned Quantity</u>	<u>Quantity Authorized for Procurement</u>	<u>Unit</u>	<u>Dollar Value</u>	<u>Made Available March 31, 1943</u>
Flashlights TL-122-A with lamp	R 11937	100,000	100,000	Each	\$ 6,000	25,000
Batteries furnished with flashlights reported under Item 30 of the Second Protocol by agreement with U.S.S.R. Representatives						
Instructional Film (16 m/m)	R 10569	100	100	Each		100
Total Estimated Dollar Value					\$ 6,000	

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## SUMMARY OF TABULATION "F"

The United States under the Second Russian Protocol agreed to make available to U.S.S.R. approximately 1,110,000 short tons of military and naval equipment. This tab, summarizing only selected armament items being furnished by the War Department, shows:

Tonnage exported to March 31, 1943	344,442 short tons
Additional tonnage available and not reported exported as of April 30, 1943	207,137 short tons
Estimated tonnage available, undetermined amounts of which have been exported, consisting of	100,000 short tons
<ul style="list-style-type: none"> <li>Ammunition</li> <li>Radio Sets</li> <li>Radio Tubes</li> <li>Radio Direction Finders</li> <li>Measuring and Test Equipment</li> <li>Dry Cells for Field Telephones</li> <li>Dry Cells for Radio Equipment</li> <li>Radio Components, Parts and Accessories</li> <li>Field Repair Shops</li> </ul>	
Total Estimated Tonnage Made Available by War Department	651,579 short tons

To date, 137,125 short tons of material programmed for delivery have been cancelled at U.S.S.R. request.

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## COMPARATIVE ANALYSIS OF TONNAGES OF SELECTED ARMAMENT ITEMS ON SECOND RUSSIAN PROTOCOL FURNISHED BY THE WAR DEPARTMENT

<u>Item</u>	<u>Quantity Exported to March 31, 1943</u>	<u>Tonnage Exported to March 31, 1943 (Note 1)</u>	<u>Quantity Made Available to April 30, 1943</u>	<u>Tonnage Made Available to April 30, 1943 (Note 2)</u>	<u>Tonnage Cancelled at U.S.S.R. Request (Note 3)</u>
Airplanes	1,852	25,928	2,157	30,198	
Light Tanks	497	7,455	497	7,455	34,875
Medium Tanks	455	13,650	455	13,650	96,690
AA Guns, 90 mm	68	850	100	1,250	1,300
AA Guns, 40 mm	0	0	1,040	5,720	
AA Guns, 37 mm	392	2,148	500	2,740	
AT Guns, 57 mm	0	0	0	0	2,964
Sub Machine Guns .45 Cal.	51,586	379	67,106	503	1,296
Armored Scout Cars	451	1,984	784	3,449	
Jeps (Truck $\frac{1}{2}$ ton 4x4)	12,054	12,837	16,944	18,045	
Trucks	51,282	223,076	75,864	330,008	
Field Telephones	94,551	567	124,190	745	
Field Telephone Wire	195,233	6,443	236,809	7,815	
Toluol	11,446	11,446	21,371	21,371	
TNT	16,721	16,721	39,100	39,100	
Motorcycles	7,100	3,114	8,800	2,992	
Generators	1,198	14,771	2,254	27,791	
Gas Driven Generators	8,259	3,055	9,449	3,496	
Powder	<u>No figures available</u>		35,251	<u>35,251</u>	
Total Tonnage (Short tons)		344,442		551,579	137,125

Note 1: Export figures are from published report of Office of Lend-Lease Administration and are based upon analysis of ship manifests through March 31, 1943.

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Note 2: In addition to above items, the War Department has furnished substantial tonnages of ammunition, Radio Sets, Radio Tubes, Radio Direction Finders, Measuring and Test Equipment, Dry Cells for Field Telephones, Dry Cells for Radio Equipment, Radio Components, Parts and Accessories, Field Repair Shops and Supplemental Protocol Items.

Note 3: Substantial quantities of the items cancelled at U.S.S.R. request had been made available prior to receipt of notice that U.S.S.R. would not require the items. Cancellation of requirement for weapons includes cancellation in requirement for ammunition to accompany the weapons.

WAR DEPARTMENT  
WASHINGTON

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WAR DEPARTMENT  
WASHINGTON

March 10, 1943.

The President,

The White House.

Dear Mr. President:

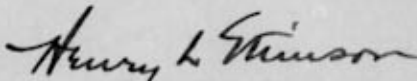
Herewith is submitted the report through February, 1943, on progress of the War Department in meeting the Second Russian Protocol, furnished pursuant to your request of October 2, 1942.

The entire commitment has been completed on four ground items. U. S. S. R. Representatives have stated they will require no more supplies of five items listed in the Protocol. With two exceptions, all other ground items are being furnished as shipping is available. Material assigned and made available to Russia in substantial quantities is accumulating in warehouses and storage depots.

Factory deliveries of aircraft are overall ahead of schedule. Forty transport planes have been made available at factories against the recent Protocol commitment to date of 20 planes. Fighter aircraft have been delivered from factories to discharge in full the United Kingdom commitment of 250 to December 31, 1942, and also to replace the 179 planes taken over by United States forces in United Kingdom in the Fall of 1942.

Operation of the Persian Corridor as a supply route to Russia is well underway. To date 14,304 trucks and 906 airplanes have been delivered through this route. Currently scheduled improvements in port facilities are being completed as planned. Construction of the Andimeshk-Ahwaz-Khorramshahr-Tanuma Road is 90 percent complete.

Faithfully yours,



SECRETARY OF WAR.

Incl:

Tab A thru D  
(duplicate)

# SECRET

## SUMMARY BY ITEM OF GROUND MILITARY ITEMS ON SECOND RUSSIAN PROTOCOL AS OF FEBRUARY 28, 1943

Items where delivery of Protocol commitment  
has been completed - Four.

- 13.(b) T.N.T.
- 38. Ethylene Glycol
- 57. Thorium
- 61. Anthracene

Items ahead of schedule - Twenty-four.

- 9.(b) Trucks 1/4 ton 4x4
- 12. Field Telephone Wire
- 13.(a) Toluol
- 17. Motorcycles
- 18. Prime Movers (Tractors)
- 20. Radio Sets
- 36. Phenol
- 39. Sodium Bromide
- 40. Phosphorus
- 41. Dibutyl Phthalate
- 42. Dimethylaniline
- 43. Diphenylamine
- 44. Colloxyline
- 45. Methanol
- 48. Ammonium Chloride
- 50. Potassium Nitrate
- 51. Ammonium Sulpho Cyanate
- 52. Ethyl Centralite
- 53. Resorcinol
- 54. Barium Peroxide
- 55. Strontium Oxalate
- 58. Cerium
- 60. Potassium Sulphate
- 72. Army Shoes

Items on schedule - Ten.

- 3. Anti-Aircraft Guns, 90mm
- 14. Powder, nitroglycerine, etc.
- 23. Radio Tubes
- 24. Generators
- 28. Measuring and Test Equip.
- 30. Dry Cells for Field Telephones
- 31. Dry Cells for Radio Equip.
- 32. Radio Components, Parts  
and Accessories.
- 56. Rhodamine
- 61A. Miscellaneous Chemicals

Items not on schedule where  
substantial amounts of material  
made available have not been floated - Six.

- 9a. Scout Cars M3A1  
w/armament
- 11. Field Telephones
- 34. Field Repair Shops
- 73. Army Cloth
- 75. Webbing
- V. Medical Supplies.

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Items not on schedule where U.S.S.R. has recently changed the type or model of material requested-One.

- 4. Anti-Aircraft Guns, 37mm and 40mm.

Items not on schedule where U.S.S.R. has expressed an unwillingness to accept further deliveries - Five.

- 2.
  - (a) Light Tanks
- 2.
  - (b) Medium Tanks
- 5. Anti-Tank Guns, 57mm
- 7&8. Sub-machine Gun, Cal. .45

- II
- 14. Armor Plate

Items not on schedule and not otherwise classified - Three.

- 10. Trucks (cargo)
- 27. Radio Direction Finders
- 71. Leather

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**SECRET**

March 6, 1943

WAR DEPARTMENT

STATUS OF GROUND MILITARY ITEMS ON THE SECOND RUSSIAN PROTOCOL

GROUP I. ARMAMENT AND MILITARY EQUIPMENT

Protocol Number	Item Description (2)	Quantities on Second Protocol For July - February (3)	Quantities Assigned July-February (a) (4)	Quantities Made Available July-February (b) (5)	Status as of February 28, 1943 (c) (6)	Remarks (7)
2. Tanks						
	(a) Light	2,322			Commitment cancelled at USSR request.	Total exported - 494 Light Tanks. USSR Representatives in February, 1943 ad- vised the U.S. they would not require more Light Tanks during the Second Protocol period. Accordingly, assign- ments of Light Tanks have been cancelled and Light Tanks not exported have been repossessed.
	(b) Medium	2,178			Commitment cancelled at USSR request.	Total exported - 455 Medium Tanks. USSR Representatives in February, 1943 ad- vised the U.S. they would not require more Medium Tanks during the Second Protocol period. Accordingly, assign- ments of Medium Tanks have been can- celled and Medium Tanks not exported have been repossessed.

LEGEND:

- (a) Includes material assigned prior to June 30, 1942, but not exported to apply on First Protocol.
- (b) Includes material assigned and made available prior to June 30, 1942, but not exported to apply on First Protocol.
- (c) Column 5 as compared with Column 3.
- (d) As available from production.

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2.

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July - February (3)	Quantities Assigned July-February (a) (4)	Quantities Made Available July-February (b) (5)	Status as of February 28, 1943 (c) (6)	Remarks (7)
3.	Anti-Aircraft Guns, 90mm, complete w/auxiliary equipment.	112	112	112	On Schedule	
4.	Anti-Aircraft Guns, 37mm and 40mm.	1,700	1,224	1,224	476 short	Not on schedule but USSR Representa- tives have stated they will require no further 37mm AA Guns. All guns available to January 31, 1943, were 37mm AA Guns. Prior to notice, USSR did not require more 37mm AA Guns, the Munitions Assignments Committee (Ground) had scheduled deliveries of 37 and 40mm AA Guns to meet the Proto- col commitment. The supply of 40mm AA Guns and ammunition is limited and it is doubtful if the total number of guns on this Protocol item of type 40mm AA Gun can be made available.
	Anti-Tank Guns 57mm	1,000	1,180	830		USSR Representatives have advised the U.S. they will not require more 57mm Anti-Tank Guns. Accordingly, 350 guns assigned and made available have been re- possessed. No further assignments will be made.

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3.

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July - February (3)	Quantities Assigned July-February (a) (4)	Quantities Made Available July-February (b) (5)	Status as of February 28, 1943 (c) (6)	Remarks (7)
7&8.	Sub-machine Gun Cal. .45	160,000	116,328	112,042	-	USSR Representatives have stated they will require no further Sub-machine Guns Cal. .45. Munitions Assignments Committee (Ground) is taking action to cancel all unfilled assignments and repossess all guns not floated. Results of this action are not reflected in this report.
9.	Scout cars M3A1 w/armament (a)	4,000	1,587	1,514*	2,486	*434 were made available forty-five days prior to February 28, 1943, and have not been floated.
	(b) Trucks 1/4 ton 4 x 4	12,000	14,444	13,444	1,444 over	
10.	Trucks (cargo)	80,000	63,728	54,716*	25,284 short	*9,518 trucks reported available but not floated as of February 28, 1943.
11.	Telephones, Field	96,000	90,496	90,496*	5,504 short	*11,800 telephones reported as available and unfloated for more than 45 days prior to February 14, 1943. Chief Signal Officer states deliveries will be up to Protocol commitment by end of Protocol period. These telephones are a special make and are not available from U. S. stocks.
12.	Wire, Field Telephone (miles, single strand)	198,836	246,241	202,228	3,392 over	

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4.

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July - February (3)	Quantities Assigned July-February (a) (4)	Quantities Made Available July-February (b) (5)	Status as of February 28, 1943 (c) (6)	Remarks (7)
13.						
(a)	Toluol (lbs.)	32,000,000	38,043,724	38,043,724	6,043,724 over	
(b)	T.N.T. (lbs.)	Total original commitment 48,000,000	58,200,000	58,200,000	10,200,000 over total Protocol requirement.	
14.	Powder, nitroglycerin etc. (short tons)	Available Quantities	25,341	25,341	On Schedule	
17.	Motorcycles	6,500	8,500	6,800	300 over	
18.	Prime Movers for Artillery (Tractors)	1,600	2,323	1,785	185 over	
20.	Radio Sets (various types)	11,500 over 12 month period. 8,350 requested by Dec. 31, 1942.	11,604*	10,704*	On Schedule	*In addition, radio sets have been made available for tanks furnished to USSR. Also, USSR is being furnished additional radios through agencies such as the War Shipping Administration (200 lifeboat radio sets). These items are not in- cluded in totals furnished in this re- port.
20.	Radio Tubes	2,000,000 over 12 month period on schedule to be arranged	1,011,466	395,953*	On Schedule	*Approximately an additional 400,000 tubes are reported as available at de- pots but are not included in this re- port until formal notices of avail- ability are reported as having been issued.
24.	Generators, Gas Driven (Battery Chargers)	10,000 over 12 month period	(d)	9,250	On Schedule	

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5.

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July - February (3)	Quantities Assigned July-February (a) (4)	Quantities Made Available July-February (b) (5)	Status as of February 28, 1943 (c) (6)	Remarks (7)
27.	Radio Direction Finders (various types)	150	0	0	150 short	Not on schedule. USSR has requested two types SCR-206 and SCR-551. Type SCR-551 is classified equipment and not subject to assignment without approval of Combined Communications Board and War Department in approving Protocol commitment did not contemplate furnishing this type of equipment. Assignments Committee on December 21, 1942, requested statement of policy to be followed on Lend Lease assignments of classified equipment from Combined Communications Board. This Board has made recommendations to the Chiefs of Staff. Set SCR-206 is not in production, having proven unsatisfactory.
28.	Measuring and Test Equipment	\$1,000,000 worth over 12 month period on schedules to be arranged.	(d)	\$87,362*	-	*Revised figure. Equipment valued at \$78,600 has been assigned to go with current large deliveries of radios, in addition to the amount reported.
30.	Dry Cells for Field Telephones	1,500,000 over 12 month period on schedule to be arranged.	(d)	435,000*	-	*The normal issue of 4 batteries for each Field Telephone Type EE-8-A totalling 190,000 batteries have been made available, in addition to the amount reported.

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6.

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July - February (3)	Quantities Assigned July-February (a) (4)	Quantities Made Available July-February (b) (5)	Status as of February 28, 1943 (c) (6)	Remarks (7)
31.	Dry Cells for Radio Equipment	400,000 over 12 month period on schedule to be arranged.	80,652	80,652*	-	*Dry Cells furnished with radio sets are additional credits against this Protocol item. These deliveries are under audit and additional credits will be taken when the audit is com- plete.
32.	Radio Components, Parts and Accessories	\$500,000 worth over 12 month period on sched- ule to be arranged.	\$122,995	\$122,995	-	Deliveries are being made against individual requisitions.
34.	Field Repair Shops (134 vehicles per 10 units)	50	40 con- sisting of 536 vehicles.	469 vehicles	Slightly behind schedule.	335 vehicles available and being held in storage.

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## WAR DEPARTMENT

## STATUS OF GROUND MILITARY ITEMS ON THE SECOND RUSSIAN PROTOCOL

## GROUP II. VARIOUS MATERIAL, MACHINERY AND EQUIPMENT

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July - February (3)	Quantities Assigned July-February (a) (4)	Quantities Made Available July-February (b) (5)	Status as of February 28, 1943 (c) (6)	Remarks (7)
14.	Armor Plate (tons)	8,000	749	749*		*Includes 125 tons submitted to USSR Representatives and not yet accepted. USSR Representatives request no further Armor Plate be furnished until they give further instructions.
36.	Phenol (lbs.)	16,000,000	(d)	17,478,327	1,478,327 over	Includes carryover from First Protocol period, after giving effect to War Department procurement and private contracts.
38.	Ethylene Glycol	Total original commitment 4,800,000	(d)	4,800,670	Total original commitment has been met.	Excess is a credit under Protocol Item 61A.
39.	Sodium Bromide (lbs.)	2,400,000	(d)	3,256,000*	856,000 over	*Includes carryover from First Protocol period, after giving effect to War Department procurement and private contracts.
40.	Phosphorus (lbs.)	3,200,000	(d)	3,721,099*	521,099 over	*Includes carryover from First Protocol period, after giving effect to War Department procurement and private contracts.

## LEGEND:

- (a) Includes material assigned prior to June 30, 1942, but not exported to apply on First Protocol.  
 (b) Includes material assigned and made available prior to June 30, 1942, but not exported to apply on First Protocol.  
 (c) Column 5 as compared with Column 3.  
 (d) As available from production.

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2.

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July - February (3)	Quantities Assigned July-February (a) (4)	Quantities Made Available July-February (b) (5)	Status as of February 28, 1943 (c) (6)	Remarks (7)
41.	Dibutyl Phthalate (lbs.)	4,800,000	5,479,240	5,479,240	679,240 over	
42.	Dimethylaniline (lbs.)	4,000,000	5,356,900	5,356,900	1,356,900 over	
43.	Diphenylamine (lbs.)	2,400,000	3,024,821	2,499,280	99,280 over	
44.	Colloxyline (lbs.)	6,400,000	(d)	6,583,174	183,174 over	
45.	Methanol (lbs.)	16,000,000	(d)	16,167,976	167,976 over	
48.	Ammonium Chloride (lbs.)	6,400,000	(d)	7,806,400	1,406,400 over	
50.	Potassium Nitrate (lbs.)	4,800,000	(d)	7,025,350	2,225,350 over	
51.	Ammonium Sulpho Cyanate (lbs.)	4,000	(d)	5,175	1,175 over	
52.	Ethyl Centralite (lbs.)	800,000	852,935*	817,879*	17,879 over	*Includes 45,147 lbs. Methyl Centralite made available and by agreement is to be credited against this Protocol commitment.
53.	Resorcinol (lbs.)	160,000	(d)	180,000	20,000 over	
54.	Barium Peroxide (lbs.)	400,000	(d)	400,350	350 over	
55.	Strontium Oxalate (lbs.)	128,000	(d)	143,950	15,950 over	

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3.

Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July - February (3)	Quantities Assigned July-February (a) (4)	Quantities Made Available July-February (b) (5)	Status as of February 28, 1943 (c) (6)	Remarks (7)
56.	Rhodamine (lbs.)	8,000	(d)	8,000	On Schedule	
57.	Thorium	Total original commitment 6,000	(d)	6,108	Total original commitment has been met.	Excess is a credit under Protocol Item 61A.
58.	Cerium Metal (lbs.)	24,000	(d)	30,000	6,000 over	
60.	Potassium Sulphate (lbs.)	2,400,000	(d)	2,661,375	261,375 over	
61.	Anthracene	Total original commitment 17,790	(d)	17,790	Total original commitment has been met.	
61A.	Miscellaneous Chemicals	The Protocol commitment on specific items was enlarged by subsequent agreement to include 60,000 short tons "designed to make allowance for the considerable volume of additional requests which USSR will need to make". Availability is to "depend upon the supply situation prevailing at the time particular requests are made".		34,200*	On Schedule	*In addition, amounts made available in excess of original Protocol requirements on Items 36 and 38 to 60 are to be credited against this item. The amounts of such excess deliveries cannot be determined until the original commitments have been met in full.

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Protocol Number (1)	Item Description (2)	Quantities on Second Protocol For July - February (3)	Quantities Assigned July-February (a) (4)	Quantities Made Available July-February (b) (5)	Status as of February 28, 1943 (c) (6)	Remarks (7)
71.	Leather (short tons)	9,335	4,586.5	4,586.5*	4,748.5 short	*Includes an undetermined amount of leather required in the making of 125,000 Ski Boots. Protocol commitment required procurement of 7,370 tons of leather from South America and Cuba. Deliveries will be dependent upon shipping availability.
72.	Army Shoes (prs.)	1,600,000	1,832,000	1,799,704*	199,704 over	In Storage 154,170 In Transit 48,042 At Port 277,369 Floated 1,320,123
73.	Army Cloth (yds.)	12,000,000	10,896,761	8,928,907	3,071,093 short	In Storage 2,057,440 In Transit 402,727 At Port 3,408,007 Floated 3,080,733
75.	Webbing, Tubular (yds.)	24,000,000	22,732,000	21,546,958	2,453,042 short	In Storage 9,922,047 In Transit 498,961 At Port 4,864,949 Floated 6,261,001
	GROUP V. MEDICAL SUPPLIES	\$8,000,000	\$7,850,741	\$7,850,741	\$149,259 short	1,880 cases of medical supplies reported as available but not floated for more than 45 days prior to February 14, 1943. In addition, 16 carloads made available and transferred to port for shipment have been returned to reconsignment depot because of lack of shipping space.

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SUMMARY OF TABULATION "B"

This tab indicates the amounts of War Department procurement items which had been made available but were not shipped by the U.S.S.R. for forty-five days or longer. The list includes appreciable quantities of Medical Supplies, Tractors, Ammunition, Chemicals, Signal Equipment, Cloth and Webbing.

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1.

## SECOND RUSSIAN PROTOCOL MATERIALS AVAILABLE BUT NOT FLOATED WITHIN 45 DAYS

Status as of February 14, 1943

### CHEMICAL

P Agent, Chemical (White Phosphorus)	1,516,328
P Ammonium Chloride	2,402,400
P Ammonium Sulpho Cyanate	450
Aniline Oil	113,113
Bakelite Lacquer	11,200
P Barium Peroxide	50,050
P Cerium Metal	3,000
Diethyl Aniline	13,600
Diphenylguanidine	68,075
Ethyl Cellulose	11,200
Ethylene Chlorhydrin	22,680
Ethylene Dibromide	293,600
P Ethylene Glycol	647,490
Ethyl Alcohol, Denatured	376,464
P Methanol	1,674,422
Molybdic Acid	38,800
Neosone D	67,200
Para Phentidine	62,196
P Phenol	2,956,765
P Potassium Nitrate	2,606,150
P Potassium Sulphate	240,000
Pyrocatechin	16,800
P Resorcinol	40,000
P Sodium Bromide	310,000
P Strontium Oxalate	40,000
Thiuram	20,100
Trichlorethylene	224,250
Tungstic Acid	44,800
Vistanex	50,000

### SIGNAL

Spare Parts SCR-284	5,833
P Radio Set #19	330
Batteries, BA-23	100
Batteries, BA-27	1,200
Batteries, BA-30	66,000
Batteries, BA-37	40
Batteries, BA-38	40
Batteries, BA-39	11,157
Batteries, BA-40	21,856
Batteries, BA-43	6,800
Batteries, BA-51	100
Crystal Holders	1,580
P Single Conductor Wire (mi.)	29,865
P Radio Receiver, HRO	32
Coil Sets	32
Power Supply	32
P Vacuum Tubes, w/spares	100
Power Units	250
Switches	70,000
Condensers	18,600
Connectors	200
P Tubes	17,339
Resistors	3,701
Variable Inductors	20
Radio Set SCR-284	500
Radio Set SCR-284-A	800
Radio Set SCR-299-D	100
Radio Set SCR-610-A	1,200
Maintenance Parts & Spare Parts for Radio Set SCR-610-A	4,553
Telephone EE-8-A	8,200
Telephone EE-108	5,600

Legend: Items identified as "P" are specifically listed in the Second Protocol.

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2.

## SECOND RUSSIAN PROTOCOL MATERIALS AVAILABLE BUT NOT FLOATED WITHIN 45 DAYS

Status as of February 14, 1943

### ORDNANCE

	Universal Carriers	364
P	Car, Scout, M3A1	775
P	Gun, 37mm, AA, M1A2	8
P	Tank, Medium, M4A2	414
P	Tank, Light, M3A1	474
P	Tank, Medium, M3	25
P	Tractor, Heavy	8
P	Tractor, Medium	215
	Shot and Shells (rds)	10,234,768
P	Dimethylaniline (lbs)	840,000
P	Carbonite (Ethyl Centralite (lbs)	150,000
P	Toluene (lbs)	1,185,123
P	Dibutylphthalate (lbs)	1,180,264
P	Colloxyline (lbs)	380,435
	Dynamite (lbs)	3,006,400
	Ammonium Nitrate (lbs)	490,000
	Smokeless Powder, 90mm Gun (lbs)	1,005,200
	Glycerine (lbs)	385,000

### QUARTERMASTER

	Arctic Suits, Alpaca Lines	11,871
	Belts, Leather	55,070
	Blankets, Woolen	261
	Cloth, Tarpaulin, Duck (yds)	1,401,685
	Army Cloth (yds)	5,248,286
	Cloth, Wool, Barathra (yds)	7,079
P	Webbing (yds)	9,584,162 3/4
	Gloves, Woolen, Gray	243,162

### SURGEON GENERAL

P	Medical Supplies (cases)	1,880
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Legend: Items identified as "P" are specifically listed in the Second Protocol.

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SUMMARY OF TABULATION "C"

The attached tabulation shows the status of factory deliveries of aircraft on the Second Protocol to be:

<u>Type</u>	<u>Percentage of Protocol Commitment met through February</u>
Medium Bombers	112%
Light Bombers	99.7%
Fighters	106%
Transports	200%
AT-6C's	100%

A comparison is included showing current progress being made on completion of flight delivery of planes.

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## STATUS OF AIRCRAFT ON SECOND RUSSIAN PROTOCOL

Type (1)	Number on Protocol July - February (2)	Delivered from Factory through February on Protocol Account (3)
Medium Bombers	96	108
Light Bombers	721	719
Fighters	800	851
Transports	20	40*
AT-8C's	30	30
Total	1,647	1,708

\*The U. S. Army Air Forces have also made available 10 transports on loan. Ultimately, it is expected that these transports on loan will be turned over in fulfillment of later Protocol commitments.

## ANALYSIS OF BACKLOG OF UNDELIVERED PLANES IN UNITED STATES SCHEDULED FOR FLIGHT DELIVERY

Type (1)	As of January 31, 1943 (2)	As of February 28, 1943 (3)
Medium Bombers A-20's	148	191
Fighter Aircraft	112	134

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## STATUS OF RUSSIAN AID AIRCRAFT As of Jan.31, 1943 and Feb.28, 1943.

	TRANSPORTS To 2/28/43	MEDIUM BOMBERS		LIGHT BOMBERS		FIGHTERS			
		1/31/43	2/28/43	1/31/43	2/28/43	U. S. ACCOUNT		U. K. ACCOUNT	
						1/31/43	2/28/43	1/31/43	2/28/43
No. due from U. S. 2nd Protocol	20	84	96	650	721	700	800	529	729
No. delivered from factory	30	84	108	600	719	742	851	509	782
Loaned	10								
Status of deliveries	/10	Even	/12	-50	-2	/42	/51	-20	/53
						Total delivery from factory			
						1/31/43	2/28/43	1/31/43	2/28/43
						1251		1633	
In U. S. for air delivery	26	16	27	148	191	112		134	
In U. S. for water delivery	0	0	0	0	0	4		118	
Left U.S. for water delivery to Persian Gulf or Murmansk	0	0	0	102	76	879		731*	
Estimated losses from sinkings	0	0	0	0	0	0		234	
In air transit via South Atlantic	0	9	4	52	54	0		0	
In air transit via Alaska	0	4	2	1	3	46		11	
At Persian Gulf Delivery Point	0	1	9	17	93	74		149	
At Alaskan Delivery Point	4	4	4	1	16	13		36	
Removed by Russians from Persian Gulf Delivery Point	0	40(Est)	43(Est)	208	213	65		120	
Removed by Russians from Alaskan Delivery Point	10	8	17	54	56	54		94	
Washouts	0	2	2	17	17	4		6	
TOTALS	40	84	108	600	719	1251		1633	

\*Of these, 256 are estimated to have been delivered to Murmansk.

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## SUMMARY OF TABULATION "D"

This tab presents the status of the projects to augment the flow of supplies to U.S.S.R. through the Persian area.

<u>Projects</u>	<u>Status of Completion</u>	<u>Number Received</u>	<u>Number Delivered to the Russians</u>
Expansion of port facilities	Six of Seven Lighter Berths Complete.		
Road Construction	1st Section 91% 2nd Section 92%		
Truck Assembly		21,846	14,304
Airplane Assembly		1,091	906
Barge Assembly	256 barges assembled		

The tab also summarizes status of troop assignments, equipment and supplies and cargo shipments.

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## STATUS OF PROJECTS IN PERSIAN AREA AS OF FEBRUARY 28, 1943

Item	Employees Of Army and Civilian Contractors	Native Laborers	Russians	Status of Completion	Number Received To Date	Number Delivered to Russians to Date
Khorramshahr Port facilities under the District Engineer	36	246		Lighter Berths 5 Berths 100% 6th Berth 99% 7th Berth 58% Failaya Creek Wharves 20%		
Andimeshk-Ahwaz-Khorramshahr- Tanuma Road Project under the District Engineer	650	2,000		1st Section 91% 2nd Section 92%		
Truck Assembly Plant				Number of Trucks		
Andimeshk	12	882		Andimeshk	18,792	10,755
Khorramshahr	36	737		Bushire	3,064	3,032
				Khorramshahr	Included with Andimeshk	517
Airplane Assembly Plant Abadan	627	60	168	Airplane Type A-20 & Bostons P-25 P-40 P-39	715* 107 143 126	683* 103 39 81
Kuwait Barge Assemblies	16	76		256 barges assembled 15 barges under construction		

\* These figures are as of February 14, 1943.  
Totals to February 28, 1943, are under audit  
by the Persian Gulf Service Command.

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## STATISTICAL SUMMARY OF ACTION TAKEN ON FURNISHING MEN AND EQUIPMENT TO THE PERSIAN GULF SERVICE COMMAND

### TROOP BASIS

	<u>O</u>	<u>WO</u>	<u>N</u>	<u>EM</u>	<u>Aggregate</u>
(1) Now in Persian Gulf Area	722	28	101	10,338	11,189
(2) Sailed January	313	16	18	6,297	6,644
(3) Enroute by freighter	9	0	0	200	209
(4) Scheduled to sail in March	233	10	84	5,202	5,529
(5) Scheduled to sail in April	143	8	0	4,050	4,201
	1,420	62	203	26,087	27,772

### STATUS OF TRUCKS

	<u>Currently Estimated Requirements</u>	<u>Allotted</u>	<u>Floated to February 28*</u>
10-ton	1,050	478	310
2-1/2-ton w/7-ton trailer	1,378	550	550
2-1/2-ton cargo	2,600	2,828**	1,600
Gas tank trucks (3000-4000 gal.)	285	150	40
2-1/2-ton, 4x2 Tractors w/12-ton semi-trailer	130	130	0
20-ton tank transporter tractor and trailer	70	70	0

\* Including estimated loadings Feb. 25-28.

\*\* Including 200 for Iranian Government.

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## STATUS OF RAILWAY ROLLING STOCK

<u>Item</u>	<u>Allotted</u>	<u>Actually Floated to February 28*</u>	<u>Scheduled to be Floated to March 31 (Total Accumulative)</u>
<u>International Aid</u>			
Oil Burning Steam Locomotives	95	95	Completed
Diesel Engines	24	24	Completed
20-ton Box Cars	960	960	Completed
40-ton Box Cars	380	380	Completed
40-ton High-side Gondolas	280	280	Completed
40-ton Low-side Gondolas	100	100	Completed
50-ton War-flat Cars	100	100	Completed
Tank Cars (10,000 Gals.)	150	150	Completed
Cabooses	60	60	Completed
<u>U.S.</u>			
Diesel-electric Locomotives	57	57	Completed
20-ton Box Cars	500	500	Completed
40-ton Box Cars	320	320	Completed
20-ton Gondola Cars	1060	830	1060
50-ton War-flat Cars	200	100	200
Tank Cars	35	22	35
Air dump Cars	50	-	26

## CARGO SHIPMENTS

### Cargo Ship Sailings

<u>Month</u>	<u>Number of Cargo Ships</u>	
	<u>Actual</u>	<u>Scheduled</u>
1942 November	2	5
December	3	5
1943 January	3 U.S. 2 Russian	5
February	*** 1 U.S. 2 Russian	3 U.S. 2 Russian
March		8 U.S. 2 Russian

## REQUIREMENTS

	<u>Number Cargo Ships</u>
Remaining cargo under shipment orders	10 total
Maintenance	2 per month

\* Including estimated loadings Feb. 25-28.

\*\*\* Exclusive of 1 damaged after loading, now being unloaded for repairs.

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*Ryder*  
*File* *W*  
*Alb. Russia*

WAR DEPARTMENT  
HEADQUARTERS, SERVICES OF SUPPLY  
WASHINGTON, D. C.

By Authority of *MIT*  
Date  
Initials

FEB 20 1943

MEMORANDUM FOR THE PRESIDENT:

1. The attached memorandum from the War Shipping Administration on the subject of Russian aid, dated February 10th, has been studied. I agree with the statements contained therein as they reflect the January accomplishment. The Persian Gulf route is not expanding rapidly enough to overcome some serious ship delay and port congestion. The time in port for vessels engaged in this service is excessive. The ability to increase the capacity of the Persian ports is dependent upon the speed with which troops and equipment are sent to this area. Since you authorized the Persian Gulf Service Command program early last fall, we have dispatched 17,000 troops, the majority of whom have arrived at their destination. Others are scheduled to go forward in March and April. The troops will not be effective in accomplishing their mission, however, until all of their impedimenta and equipment, including trucks and rolling stock, are delivered. The non-availability of shipping for the movement of this cargo is responsible for the serious lag in this program. Although it was contemplated that five cargo ships per month would be necessary to move this equipment, only eight ships were available for the three months November - January, inclusive, and two are expected to clear in February. The War Shipping Administration indicate that they recognize the desirability of expediting the shipment of this material in order that greater quantities of cargo may be moved through the Persian ports, and have nominated a number of vessels for late February and early March. I am convinced that it is desirable to expedite the movement of this equipment, even if it is necessary to do so at the expense of Russian shipments, in order that the result will be a greater flow to Russia in the future.

2. The capacity of the Persian ports is increasing as a result of the arrival of troops. The Commanding General of the Service Command, in his latest report, indicates that the net tonnage that can be handled in February is 123,000. This figure increases, according to their estimates, to 219,000 in June. It has been estimated that March loadings for the U.S.S.R. via the Persian ports may approximate 169,000 tons, which is in excess of the total January and February shipments over this route.

3. The West Coast program has not come up to expectations. An abundance of cargo has been made available for prompt loading. In fact, there is so much Russian aid cargo on the West Coast that extreme care must be exercised in issuing releases to insure that the ports do not become congested. The Holding and Reconsignment Points, which were

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constructed for this purpose, are being utilized to make available an adequate bank of diversified supplies for loading. The U.S.S.R. ships have not become available as scheduled so that instead of maintaining a rate of 200,000 tons per month, the total for January and February is approximately 235,000 tons. The Army's Port Agencies, with the cooperation of the other interested Government agencies, are directing their full efforts to expedite the movement of Russian aid cargo through the West Coast ports. However, in addition to the failure of the ships to arrive, there has been considerable delay and confusion caused by the frequent changes of priorities that are ordered by the Russian representatives. My representatives are working with General Burns, General Wesson, and the people from the War Shipping Administration, the Office of Defense Transportation, Moore-McCormack, and the Government Purchasing Commission of the Soviet Union in the U.S.A. to devise ways and means of improving the Russian operations on the West Coast. I believe that General Belyaev and his people will respond favorably and that the result will be more expeditious loading.

4. The War Department-procured Russian aid supplies in general are available in quantities necessary to meet allocations, and can be furnished at a rate well in excess of shipping capabilities. I anticipate that with the corrective measures being taken to expand the shipping routes, shipments to the Persian Gulf and North Russia may be maintained at the level of forecast. Shipments from the West Coast can be increased only if additional ships are made available by the Russians.

5. The ports in the Persian Gulf area have been operated by the British. We have now taken over Khoramshar and Bandar Shapur. The first days operations under U. S. control at Khoramshar showed a 50% increase in efficiency. I have recently placed a General officer in specific charge of Russian supply and expect an upsurge in our results provided the anticipated increase in tonnage is realized.

  
BREHON SOMERVELL  
Lieutenant General  
Commanding

Attach.

- 2 -

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Regraded Unclassified

WAR SHIPPING ADMINISTRATION  
WASHINGTON

February 10, 1943

MEMORANDUM FOR THE PRESIDENT.

The Persian Gulf supply route to Russia is still expanding but not at a rate fast enough to overcome serious ship delays and congestion. The latest reports from that area indicate that on January 29, 1943, there were twenty-one Russian Aid ships of which twelve were idle awaiting berths. Furthermore, these reports stated that the average turnaround time in port between October 1, 1942, and January 23, 1943, was fifty-five days, whereas under normal conditions it should not exceed sixteen. Many factors contribute to this condition but one of the principal ones is the lack of sufficient rolling stock, trucks and locomotives. The War Shipping Administration therefore is doing everything possible to expedite the movement of this material as soon as it is available for shipment. The ability to step up our aid to Russia through this route will be in direct relation to the progress made in improving port conditions and the rail facilities beyond.

During January we sailed twelve ships with a total cargo of 90,309 long tons. (See Exhibit A attached for details). In addition there were five more ships which started loading in January but which did not sail until early February. They lifted an additional 37,939 tons of cargo. (Details of these sailings are also shown in Exhibit A).

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The Persian Gulf program for February calls for the allocation of thirteen ships -- ten of these will load Russian cargo exclusively and the balance will take a mixture of both Army and Russian freight. (In Exhibit B attached is a detailed statement covering the proposed sailings).

The news of the Northern supply route via Murmansk and the White Sea continues to be most satisfactory. Another convoy of thirteen ships has successfully arrived with no losses; so this makes the third convoy since the resumption of the Northern route where there has been 100% performance.

We have already supplied our quota of ships for JW-53 and are presently loading twenty dry cargo ships for the March convoy (JW-54), and these will sail from New York in HX-227 February 18. (In Exhibit C attached is a detailed statement covering these twenty dry cargo vessels). There will also be two tankers -- one with a cargo of high octane gas and the other with a cargo of blending agents. These two tankers will clear in time to connect with JW-54 and will probably leave New York in HX-228 February 28. After the sailing of JW-54 the convoys will operate on a 40 to 42-day cycle.

On the West Coast the results for January did not come up to expectations. A total of 98,413 long tons was shipped against an estimate of 150,000 tons. Several of the Soviet ships were delayed by bad weather and others had to undergo extensive repairs which caused a slippage in their availability dates. The outlook for February is

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encouraging and the cargo clearance should exceed substantially the January figure.

A final word about the vessels that were promised the Russians: All of the original twenty have been delivered except the PACIFIC OAK, which is still undergoing repairs. It is expected these will be completed by the end of the month and the vessel delivered early March. With respect to the five Liberties which were scheduled to be delivered -- two in late January and the remaining three during the first week of February, the facts are as follows: One was delivered on January 28, the second on February 7, and the third on February 9. The remaining two are now expected to be delivered February 14 and February 16 respectively. When all of these deliveries have been completed we will have transferred to the Russians a total of thirty-five ships, and if we add the IRONCLAD, which was delivered at Molotovsk last month, the total is thirty-six.

Respectfully submitted,

*E. S. Land*  
E. S. Land  
Administrator.

*L. W. Douglas*  
L. W. Douglas  
Deputy Administrator.

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( EXHIBIT A )

PERSIAN GULF - RUSSIAN - JANUARY 1943

	<u>Deadweight</u>	<u>Cubic</u>	<u>Loaded</u>	<u>Sailed</u>
1. DANIEL WILLARD	10,500	500,245	7,640	January 2
* 2. ROBIN TUXFORD	10,048	608,670	7,231	January 4
* 3. ROBIN SHERWOOD	10,048	608,670	6,840	January 8
* 4. NISHMAHA	9,412	416,000	6,796	January 8
* 5. THOMPSON LYKES	9,271	447,000	7,020	January 11
* 6. MONTANAN	9,500	434,000	6,547	January 12
* 7. WINSLOW HOMER	10,500	500,245	7,962	January 17
8. THOMAS SINNICKSON	10,500	500,245	8,401	January 23
9. FISHER AMES	10,500	500,245	8,521	January 29
10. MANUEL	8,300	433,800	6,937	January 31
11. JOHN C. FREMONT	10,500	500,245	8,362	January 31
12. RICHARD H. DANA	10,500	500,245	8,052	January 31
	<u>119,579</u>	<u>5,949,610</u>	<u>90,309</u>	

\* December Allocations

\* PERSIAN GULF

	<u>Deadweight</u>	<u>Cubic</u>	<u>Loaded</u>	<u>Sailed</u>
1. WOODBRIDGE FERRIS	10,500	500,245	7,950	February 2
2. LOOKOUT	8,663	498,250	6,652	February 4
3. THOMAS J. RUSK	10,500	500,245	7,737	February 5
4. JOHN A. SUTTER	10,500	500,245	7,800	February 9
5. PHILIP SCHUYLER	10,500	500,245	7,800	February 10
	<u>50,663</u>	<u>2,499,230</u>	<u>37,939</u>	

\* These ships started loading in January

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(EXHIBIT B )

PERSIAN GULF - FEBRUARY 1943

	<u>Deadweight</u>	<u>Cubic</u>	<u>Availability</u>
1. WILLIAM ELLERY	10,500	500,245	February 14
2. CAPE PORPOISE	7,416	446,100	February 15
3. GEORGE TAYLOR	10,500	500,245	February 15
4. MORMACDALE	7,416	446,100	February 15
5. RICHARD J. GATTING	10,500	500,245	February 17
6. RICHARD H. ALVEY	10,500	500,245	February 17
7. ABRAHAM CLARK	10,500	500,245	February 21
8. KANSAN	9,500	435,620	February 24
9. WILLIAM R. DAY	10,500	500,245	February 25
10. BANTAM	12,023	559,280	February 25
11. SAMUEL BLATCHFORD	10,500	500,245	February 25
12. KOTA BAROE	9,540	491,000	February 27
13. WALTER E. RANGER	10,500	500,245	February 28
	<u>129,895</u>	<u>6,380,060</u>	

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( EXHIBIT C )

NORTH RUSSIA - FEBRUARY 1943

	<u>Deadweight</u>	<u>Cubic</u>	<u>Availability</u>
1. PATRICK HENRY	10,500	500,245	January 29
2. RICHMOND M. PEARSON	10,500	500,245	February 5
3. ROBERT TREAT PAINE	10,500	500,245	February 6
4. BENJAMIN CHEW	10,500	500,245	February 6
5. BENJAMIN WILLIAMS	10,500	500,245	February 6
6. JAMES WHITCOMB RILEY	10,500	500,245	February 6
7. FRANCIS MARION	10,975	475,115	February 7
8. MERIWETHER LEWIS	10,500	500,245	February 7
9. COLLIS P. HUNTINGTON	10,500	500,245	February 7
10. JOSEPH HEWES	10,500	500,245	February 7
11. GEORGE RANCROFT	10,500	500,245	February 7
12. THOMAS R. MARSHALL	10,500	500,245	February 7
13. WADE HAMPTON	10,500	500,245	February 7
14. THOMAS SUMTER	10,500	500,245	February 8
15. BENJAMIN H. LATROBE	10,500	500,245	February 8
16. HENRY WYNKOOP	10,500	500,245	February 8
17. ELEAZAR WHEELOCK	10,500	500,245	February 8
18. BROCKHOLST LIVINGSTON	10,500	500,245	February 9
19. JOHN LANGDON	10,500	500,245	February 9
20. JOHN VINING	10,500	500,245	February 9
	<u>210,475</u>	<u>9,979,770</u>	

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*File*  
*WFO*

THE WHITE HOUSE  
WASHINGTON

February 16, 1943

MEMORANDUM FOR

HON. HARRY L. HOPKINS

To read and give to Admiral  
Brown for his secret file.

F. D. R.

*Read by Mrs. Hopkins*  
*2/16/43*

~~SECRET~~  
A16/Russia

SECRET

THE JOINT CHIEFS OF STAFF  
WASHINGTON

February 7, 1943.

MEMORANDUM FOR THE PRESIDENT:

Subject: Soviet Supply Program.

The Joint Chiefs of Staff submit the following in response to your request for comments on Mr. Stettinius' recommendations of January 8, 1943, on the above subject:

1. Shipping.

At the Anfa Conferences it was decided that the Soviet forces must be sustained by the greatest volume of supplies that can be transported to Russia without prohibitive cost in shipping. At the same time a schedule of 722 sailings for the calendar year 1943 was approved. This will fall short of meeting the present protocol in July by 56 sailings, but is sufficient to absorb this shortage in the last half of 1943, and at the same time meet the requirements of the new protocol, provided it is substantially the same as the one under which we are now operating.

It is believed that the shipping loss rate for 1943 will be considerably lower than 2.4 per cent per month. If the losses do not exceed this figure, it is estimated that the sailings necessary to carry out the Russian protocol can be made available without adversely affecting the troop lift to England and elsewhere to which we are now committed.

It may be necessary to discontinue the northern convoys during the period of active operations in the Mediterranean. In this case, it is expected that the facilities of the Persian Gulf route will be improved sufficiently to enable it to absorb the sailings on the northern route which are cancelled. The monthly schedule of sailings which has been approved is attached hereto as an enclosure.



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2. Spare Parts and Accessories.

The delivery of two hundred transport planes to Russia in 1943 has been agreed to and a cablegram has already been sent by you to Stalin that two hundred will be furnished. This should make possible the delivery by air transport of a limited amount of small spare parts selected by the Russians as being of greatest importance.

3. Available Stocks.

The Joint Chiefs of Staff concur in Mr. Stettinius' recommendation that the present policy of curtailing production in items of greatest accumulation be continued.

For the Joint Chiefs of Staff:

*William D. Leahy*

WILLIAM D. LEAHY,  
Admiral, U.S. Navy,  
Chief of Staff to the  
Commander in Chief of the Army and Navy.

Enclosure.

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ENCLOSURE

Schedule of sailings necessary to fulfill the Russian Protocol for the calendar year 1943 as approved by the Combined Chiefs of Staff, January 20, 1943:

North Russia

<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Total</u>
16	16		16	16		16	16		16	16		128

Persian Route

16	18	20	22	24	26	16	16	16	16	16	16	222
----	----	----	----	----	----	----	----	----	----	----	----	-----

Pacific Route

31	31	31	31	31	31	31	31	31	31	31	31	372
----	----	----	----	----	----	----	----	----	----	----	----	-----

TOTAL

63	65	51	69	71	57	63	63	47	63	63	47	722
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10/30/42

Memorandum for the President:

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I think you will be interested in the following.

WAR DEPARTMENT  
HEADQUARTERS OF THE ARMY AIR FORCES  
WASHINGTON

October 30, 1942

Chief of Staff

ADDRESS REPLY TO  
HEADQUARTERS OF THE ARMY AIR FORCES  
WAR DEPARTMENT  
WASHINGTON, D. C.

MEMORANDUM FOR THE CHIEF OF STAFF:

Subject: Attempt to Transfer our Airplanes to the Russians at Fairbanks.

Following are extracts from letter from the Commanding Officer, Air Transport Command, Ladd Field, Alaska. These extracts give a fair idea of our attempt to transfer our airplanes to the Russians at Fairbanks:

"We have been able to accomplish all of the transition with only one ground loop and one taxiing mishap. I believe credit is due our transition instructors in accomplishing this mission. Great difficulty has been encountered in getting the Russian pilots to follow through on the instruction given. They are quite agreeable in acquiescing in the instruction, but subsequent discussion among themselves and with their superiors seems to cause them to return to obsolete and incorrect methods. This is especially true in the handling of motors, accessories, taxiing, and other technical details, and is best borne out by an incident which occurred recently. Repeated instruction has been given regarding the slow warm-up under cold weather conditions, but, in spite of repeated warnings, one pilot insisted on opening the throttle to the limit soon after starting, causing the oil system to blow out.

"The general education of the pilot personnel does not seem high, and their experience level appears to average around 135 hours.

"The technical training of their pilots seems greatly inferior to that of ours. For example, they are still of the opinion that top rudder is necessary in a steep turn and that pumping the throttle is an effective method of starting engines. \* \* \* \* \*

"Their attitude toward our aircraft is one of tolerant acceptance and at no time have they shown any enthusiasm regarding performance or other characteristics. They are definitely critical of the armament and any mechanical deficiencies."

*W. H. Arnold*

W. H. ARNOLD,  
Lieutenant General, U. S. A.,  
Commanding General, Army Air Forces.



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Regraded Unclassified



**SECRET**

WAR DEPARTMENT  
THE CHIEF OF STAFF  
WASHINGTON

*Copy to McCrea  
to file secret*

October 28, 1942.

MEMORANDUM FOR THE PRESIDENT:

We have had no report whatever of any difficulties being encountered in negotiating with the Russians for airfields in the Caucasus. Of course the mission is headed by the British, Air Marshal Drummond, and it is likely that any difficulties he encounters will be reported to London rather than to us.

X I have made inquiry of Field Marshal Sir John Dill as to the matter. He replies that while he too has been informed that negotiations are not progressing, he has no information as to their exact status at present.

*[Signature]*  
Chief of Staff.

X *He is sending a message of  
urgency to London.*

**SECRET**

*File  
Terry?  
CH*

SECRET

October 27, 1942

MEMORANDUM FOR GENERAL MARSHALL:

Do you know of any difficulty we are having with our negotiations with the Russians for air fields in the Caucasus? Churchill wired me the other day saying the British were getting nowhere.

(Signed) FRANKLIN D. ROOSEVELT

SECRET

*netes*

—

THE WHITE HOUSE  
WASHINGTON

October 27, 1942

MEMORANDUM FOR MISS TULLY:

THIS HAS BEEN HANDLED AND IT  
SHOULD NOW BE FILED.

H.L.H.



**SECRET**

WAR DEPARTMENT  
OFFICE OF THE CHIEF OF STAFF  
WASHINGTON

October 10, 1942.

MEMORANDUM FOR THE PRESIDENT:

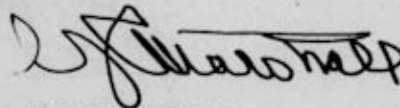
Mr. Hopkins communicated your desire to dispatch this evening a favorable reply to the request from Mr. Stalin for an immediate increase of the flow of combat aircraft from the United States to Russia.

I have had the Air Corps Staff carefully reexamine our commitments to see if it appears practicable to find additional planes for Russia. I find that any immediate increase beyond the 212 airplanes per month now scheduled for Russia could only be managed by a reduction of planes urgently needed for our units in combat theaters, or to curtail seriously the planes for TORCH. That operation will undoubtedly be the most effective aid within our power which we can extend to Russia at this time.

The coastal defense units referred to as a possible source for aircraft are actually operational training units. Furthermore, their planes are not suitable for an active theater. Also these units only have 50% of their planes and they have a combat mission, limited though it may be, in defense of coastal installations against a possible trick carrier air raid.

The only way to make additional aircraft available for Russia will be to reduce the number of units now committed to our active combat theaters. For example, we can make available 25 fighter airplanes per month by a reduction of one fighter group in an active theater. We can add 13 medium or light bombardment airplanes per month by a reduction of one bombardment group in an active combat theater.

While it does not answer Mr. Stalin's specific request for an immediate increase of medium or light bombers and fighters, he can be told that we are rushing the organization of a heavy bombardment group for the Caucasus by drafts on groups actually in active operations. Also that our heavy bombers are lending direct assistance to Russia by current operations over the continent, a message tonight reporting that our bombers over France yesterday destroyed 56 fighters certainly, probably destroyed 26 and damaged 20, with a loss to us of four.



Chief of Staff.



**SECRET**

THE JOINT CHIEFS OF STAFF  
WASHINGTON

October 24, 1942.

**SECRET**

MEMORANDUM FOR THE PRESIDENT:

Subject: Allocation of Aircraft under the  
Russian Protocol.

The Joint U. S. Chiefs of Staff have considered the allocation of aircraft which should be made to the U.S.S.R. commencing with the month of November and extending through the month of June 1943, as directed in your memorandum of October 1st. They recommend that the rate of delivery under the present protocol of 100 pursuit planes, 100 light bombers, and 12 medium bombers per month be maintained for the remainder of the fiscal year.

Careful study was given to the possibility of increasing this allocation. However, we have not yet acquired sufficient aircraft to meet our needs in the active theaters of operation in which we are engaged. There is also the possibility that we will have to augment the number of aircraft now considered necessary for new operations that we are to undertake within the next few months, and there is a shortage of aircraft for training purposes in the United States.

Our commitments to send 1 heavy bombardment group and 1 transport group to the Caucasus by the first of the year constitutes a considerable increase in our aircraft deliveries to Russia during the remainder of the protocol period. This project will require a total of 77 heavy bombers and 84 transport planes for the period involved, including the replacements necessary to keep the groups at operating strength. It is the opinion of the Joint U. S. Chiefs of Staff that this is preferable to making slight increases in the delivery of individual planes under the protocol. Such slight increases, which



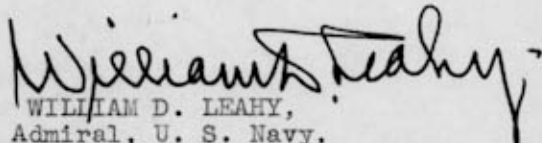
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are all we could make, would result in a serious loss of combat units to the United States air forces. For example, an increase of only 13 medium bombers and 25 pursuit planes per month, starting in January of 1943, would reduce the strength of the U. S. Army Air Forces by 2 fighter squadrons and 2 medium bombardment squadrons as of April 1, 1943.

Before reaching their conclusions the Joint U. S. Chiefs of Staff consulted with Admiral Standley. He expressed the opinion that aid to the U.S.S.R. in the Caucasus was highly desirable and fully approved the plan to send U. S. and U.K. air units to that area. He felt that this, together with the continuance of the present rate under the protocol, would be completely satisfactory to the U.S.S.R., and preferable to making only a slight increase. He strongly recommended against increasing the current rate if it in any way infringed on our own needs. He stated that it is important not to make any reduction in our present commitments and also to insure that they are fulfilled.

For the Joint U. S. Chiefs of Staff:



WILLIAM D. LEAHY,  
Admiral, U. S. Navy,  
Chief of Staff to the  
Commander in Chief of the Army and Navy.

## SECRET



*Revised*

THE WHITE HOUSE  
WASHINGTON

*Capt. McLean to file*

October 12, 1942.

*file*

**CONFIDENTIAL**

MEMORANDUM FOR Miss Tulley:

The attached studies  
have been circulated to the Joint Chiefs  
of Staff.

*W. L. Freseman*  
W. L. Freseman,  
Commander, U. S. Navy,  
Aide.

CONFIDENTIAL  
RECEIVED  
OCT 10 1942  
THE WHITE HOUSE  
WASHINGTON

October 6, 1942.

MEMORANDUM FOR THE  
JOINT CHIEFS OF STAFF

FOR YOUR INFORMATION AND  
PLEASE RETURN FOR MY FILES.

F.D.R.

NOV 10 1942  
RECEIVED  
JOINT CHIEFS OF STAFF  
WASHINGTON

Board of Economic Warfare  
~~ECONOMIC/DEFENSE/BOARD~~  
WASHINGTON, D. C.

September 29, 1942

VULNERABILITY OF LENGTHENED GERMAN TRANSPORT LINES IN THE EAST

Germany has advanced in Russia to the point where transport lines form the greatest vulnerability of the German position, especially in the southeast. Transport is almost entirely by rail up to ~~with-~~ about 150 - 200 miles of the actual active front, thereafter by truck. Rail lines, relatively few for so vast an area, converge at several points of high vulnerability within easy bombing distance of Russian airfields.

Russia, however, has few remaining heavy bombers, according to both British and American information. The Russians almost certainly have not overlooked the German transport vulnerability. They have been unable to take advantage of it. One thousand bombers supplied with high octane gas, special lubricants, etc., could play havoc with German repair yards, roundhouses, rail junctions and switching yards in Occupied Russia. Such action has the added advantage of tying in with the general German vulnerability in transport. Damage to rolling stock or locomotives, delay that requires more cars per 100,000 tons of supplies a month, cannot readily be compensated from the already strained European transport situation.

Examination of the German transport position in Russia leads to these conclusions:

1. Fundamentally the capacity of the railroads in Occupied Russia determines and limits the extent of German military operations.
2. The extension of the front eastward and the general deterioration of the Axis railroad system, especially the shortage of locomotives, have already held down the tonnage which can be supplied to the whole eastern front to about the quantities shipped in November - December 1941.
3. A decrease in Axis locomotives of 15 - 20% would probably lead to the collapse of the whole German transport system.
4. Concentrated bombing to eliminate numbers of important railroad junctions with special attention to locomotives, roundhouses and locomotive repair shops would be the most direct means of achieving this end.



### Railroad Supply Lines to the East

Of the ten main railroads supplying the whole Eastern Front from Leningrad to the Caucasus, all included in the 15,000 km. converted by the Germans to standard European gauge, six (four double, two single track) lead in a general southeasterly direction and are used to supply the Stalingrad-Caucasus fronts, extending roughly from Boguchar to Stalingrad, south to Mozdok and west to Novorossiisk.

### Stalingrad-Caucasus Front

Three double and two single track lines converge on the main Rostov-Voronezh railroad at Rostov, Zverevo, Likhaya (branch line to Stalingrad in German hands) and Millerovo. From Rostov the main trunk line (double track) with numerous feeders supplies the entire north Caucasus front, from Mozdok to Novorossiisk. Another single track line from Rostov leads south to Salsk, from where the connecting line to Stalingrad is only partly in German hands. A great part of supplies for the battle of Stalingrad must thus be shipped by truck from the railheads: Salsk, Rostov, Zverevo, Likhaya and Millerovo because the two single track lines running further toward Stalingrad are inadequate to supply this front.

The railroads supporting the Stalingrad-Caucasus front have been carrying the heaviest traffic; they are the ones passing through Sinelnikovo, Kharkov, Kiev, Belgorod and Kursk and converging on Rostov, Zverevo, Likhaya and Millerovo.

There must be great concentration and very considerable congestion at these five terminal points, especially at Rostov - the largest junction, with extensive yards and repair facilities. All supplies for the Caucasus, (except possibly a small quantity waterborne) must pass through Rostov. All five of these terminal points are well within a radius of two hundred and fifty miles, or less, from Soviet airfields.

Further to the rear are the following important junctions, all believed to have extensive shipping yards, round houses, locomotives and car repair facilities:

<u>Junction</u>	<u>Number of Converging Railroads (including minor roads)</u>	<u>Estimated Distance from Nearest Soviet Airfields</u>
Sinelnikovo	4	250
Nikitovka	5	250
Kharkov	6	200
Kiev	4	300
Belgorod	4	200
Kursk	4	200

All these junctions are on main railroads leading to the Caucasus - Stalingrad front.

Large scale effective heavy bombing of these eleven junctions would make continuing supply service on the present scale to the Stalingrad-Caucasus front impossible. Of the eleven junctions, Rostov, Nikitovka, Kharkov, Belgorod, and Kursk are the nearest to the front, the largest and, from a transport point of view, the most important.

#### Central (Moscow) Front

The rail network here is denser, and vulnerable junctions are more numerous and on the whole closer to the front. There are at least twelve important junctions at which from four to six main and secondary railroad lines converge. They are situated from 150 - 400 miles from the nearest Soviet airfields. All have large freight yards, roundhouses and extensive repair facilities. (see appendix)

#### Northern (Leningrad) Front (up to Leningrad, excluding Finnish front)

The five important junctions, where from three to five main and secondary lines converge, are situated from 100 - 300 miles from Soviet airfields. (see appendix)

#### What the Stalingrad-Caucasus <sup>front</sup> Means in Additional Transport

On the assumption that there are about one hundred Axis divisions on the Stalingrad-Caucasus Front and that the average estimated tonnage requirements per division per day are 575 tons, the total freight movement needed to supply this front would be about 57,500 tons daily, (requiring roughly 100,000 cars of 16 tons each). Certainly the Stalingrad Front requires very considerably more than the average; the Caucasus Front, where fighting has been reported as much less active, has smaller requirements, especially in ammunition.

Assuming seventy Axis divisions hold the deadlocked Central and Northern Fronts, and assuming total Axis supply shipments to all fronts in the summer of 1942 to have been about equal to those of the last period of active fighting in November - December 1941, namely 90,000 tons a day, (roughly 160,000 cars) the Central and Northern Fronts would have received about 32,500 tons of supplies daily, (requiring roughly 60,000 cars).

It is estimated that, for every 200 km. of further average advance along the whole front (i.e., front of December 1941), the German army would require an additional 35,000 cars. Conversely, if the number of cars were held at the December 1941 level, the average tonnage hauled each day would decline by about 10,000 tons for every further advance of 200 km.

In 1942 there has been advance only along the southern third of the front for an estimated average, as far as additional rail haul is concerned, of about 200 km. It is assumed that the much longer rail haul, the Caucasus sector is offset by the fact that the advance from the Kharkov-Taganrog sector has been on the average substantially less than 200 km. to present railheads.

If these assumptions are well-founded, the Axis has either used, during the present summer campaign, some 10,000 - 12,000 freight cars more than last winter, or has transported some 3,000 - 3,500 tons less supplies daily to the whole front.

While the Germans might find additional cars and locomotives during the spring and summer, when waterways normally take some of the strain off the Axis rail system, they would find difficulty in releasing more cars and locomotives to the Eastern Front during the fall and winter.



APPENDIX

Most Important Railroad Junctions

	Junction	Number of Converging Railroads (including minor roads)	Estimated Distance From Nearest Soviet Airfields
Central (Moscow) Front	Bryansk	6	150
	Orel	4	150
	Gomel	5	200
	Zhlobin	4	250
	Smolensk	4	150
	Orsha	4	250
	Minsk	4	400
	Vitebsk	4	200
	Polotzk	4	200
	Navel )		
	Velikie Lukie )		
	Novosokolniki )	6	200
Northern (Leningrad) Front	Dvinsk	5	300
	Pskov	5	200
	Luga	3	150
	Novgorod	4	100
	Kingisepp	3	200

L21

Russia

COMINCH FILE

## UNITED STATES FLEET

HEADQUARTERS OF THE COMMANDER IN CHIEF  
NAVY DEPARTMENT, WASHINGTON, D. C.

# SECRET

CORRECTED COPY

October 7, 1942

MEMORANDUM FOR:

Admiral Land - War Shipping Administration.  
Mr. Harry Hopkins - Munitions Allocation Board.

Subject: Shipments to North Russia during remainder of  
Calendar Year 1942.

1. The running of PQ 18 was accomplished last month with the expenditure of about one-third of the total number of ships in the convoy - and that with the employment of some 77 combatant type ships in the escort and covering forces.

2. No such strength of escort and covering forces will be available during the remainder of the current calendar year so that regularly constituted convoys to North Russia will not be resumed before January 1943.

3. In the meantime, the British are undertaking to sail ten selected ships, with volunteer crews, singly and at about 200-mile intervals to North Russia in order to employ evasion and dispersion as an alternative to the non-availability of escort and covering forces. The last of the British ships committed to this enterprise is to sail about November 9th.

4. The British invite the United States to "tail on" from November 10th with similar commitments as to suitable ships sailing, singly for North Russia. I convey herewith the President's concurrence in the invitation of the British - and this memorandum may be taken as a directive to the addressees to take steps to supplement the British effort in getting shipping into North Russia.

Copy to:

Admiral Leahy  
General Marshall  
Vice Chief of Naval Operations  
President's Aide

R. J. KING

*R. E. LIBBY*  
R. E. LIBBY,  
By Direction.

SECRET

WAR DEPARTMENT  
OFFICE OF THE CHIEF OF STAFF  
WASHINGTON

August 28, 1942.

MEMORANDUM FOR THE PRESIDENT:

Subject: Merits and possibilities of  
placing an American Air Force  
on the Caucasian Front.

The merits and possibilities of putting an American air force on the Caucasian front to fight with the Russian armies, and the advisability of British participation in such an operation, have been made the subject of careful study.

The matter was explored in the light of (1) the capabilities of such a force and the results reasonably to be expected, (2) the availability of forces for such assignment, (3) the logistics of supply and replacement, and (4) the effects of such an operation on current and projected operations in other theaters.

Earliest date operations can be initiated. January 20, 1943 is the earliest date on which a balanced air force could be in operation in the Caucasus. Before that date, a decision on this front may have been reached; there exists no sound basis for gauging the Russian capacity for continued resistance in that area. Weather conditions, moreover, are such that continuous effective air operations are impracticable from about November 1st to April 1st.

Diversion from other commitments. It is possible, by diverting Bolero forces not scheduled for the Special Operation, to put a balanced air force of three fighter groups and three bombardment groups into the Caucasus area by 20 February 1943. However these are the only fighter groups which will be available for reinforcing the Special Operation and/or the Solomon Island operation until January 1943. Such a diversion is therefore unacceptable from the military viewpoint. One fighter group and one bombardment group scheduled to depart for Cairo on 1 November 1942 can be diverted to the Caucasus without affecting forces set up for Bolero or the Special Operation. Such diversion will be at the expense of the Middle East Theater. The forces diverted cannot arrive in the Caucasus before 20 January 1943.

Strategic effect: Northwest Africa. The establishment of a new American Theater of Operations would represent a further dispersion of our limited military strength. The diversion of air forces to this new theater might cause the failure of our major effort in Northwest Africa, since the scheduled air support for that operation is already at a dangerous minimum level.



SECRET



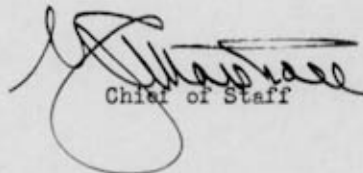
SECRET

Strategic effect: Solomons. The possibility that the offensive in the Solomons will assume greater proportions as a result of Japanese reaction in great strength is not to be overlooked. A demand for strong air reinforcement in that event could not be denied lest the Solomons become a second Bataan.

Logistics. Logistically the movement could be undertaken at Bolero expense, but the limited port, road, and rail facilities in the Persian Gulf area are already overtaxed, so that this operation would result in reduced Lease-Lend aid to Russia.

I recommend that no American air force be sent to the Caucasian front in 1942. The desirability of sending such a force early in 1943 will be made the subject of continued study in the light of the developing strategic situation. In any event it is obvious that the British would have to assist the United States in the creation of a balanced air force to augment the Russian strength for operations in this area.

Being aware of your concern in this matter, I am taking the liberty, in this instance, of submitting the staff study which I believe will interest you.

  
Chief of Staff

This study  
filed separately  
in collection of  
reports, etc.

SECRET

*File  
Confidential*

*McBrea  
?*

*2*

MOTIVES AND CHARACTER OF A POSSIBLE JAPANESE  
ATTACK ON SIBERIA

CONCLUSIONS

A

Japanese Objectives in Attacking Russia

A Japanese attack upon Russia would have the following main objectives:

1. To eliminate the threat of combined United States and Russian attacks upon Japan;
2. To strengthen Japanese defenses against the United States in the North Pacific; and
3. To cut the only remaining sea route from the United States to Russia.

B

The Plan of a Japanese Attack Upon Russia

These objectives can only be achieved by a two-pronged attack upon Russia. One thrust would be made on land against the Maritime Provinces; another thrust would be made by sea and air against Kamchatka. Only the simultaneous conquest of these two areas will give Japan control over the naval and air bases in the Maritime Provinces, Kamchatka and the Commander Islands. An attack upon Russia which left her those bases would subject Japanese shipping to attack by the Russian Far Eastern fleet, including 102 submarines and 100 motor torpedo boats, and would leave Japan open to combined United States-Russian attack over the bridge of bases running from the Aleutians through the Commander Islands and Kamchatka into Japan.

The outcome of the present battle in the Solomon Islands may modify the conclusions of this memorandum.

## DISCUSSION

The master war program of the Axis has two aspects:

1. A drive inward from the periphery to dominate the Asian-European-North African land mass from Atlantic to Pacific by crushing United Nations' resistance in China, Russia and the Middle East.
2. A drive outward to seize those island bastions which can protect the Eastern hemisphere from attack by the Western.

Britain, only 200 miles from the heart of Nazi war industry, has thus far defeated the program in the Atlantic.

On the Pacific side, there is an opportunity to create a similar Axis vulnerability. The bridge formed by Alaska, the Aleutians, Kamchatka, Northern Siberia, Sakhalin and the Maritime Provinces of Russia reaches to Vladivostok, only 650 miles from the heart of the Japanese industrial production.

The North Pacific-Bering Sea area is the only big gap in the tight barrier of island bases now available to Japan along the whole distance from Attu, in the Aleutians, to Java. From these islands Japanese land based planes interdict naval action against the continent.

Japanese control of the North Pacific bridge would weaken the resistance of Russia and China. China is already cut off from outside aid, except by air. The isolation of Russia from her allies grows. The Atlantic traffic to Archangel and Murmansk has been sharply curtailed by German action. The Southern routes will be severed if Germany, by conquest of the Caucasus, dominates the Black and Caspian sea areas. Astrakhan is the last gateway for United Nations' aid to Russia from the south and it may now be a principal objective of the rapidly moving Nazi drive in Southern Russia. The Eastern Siberian ports are blocked by the Japanese-held Kurils which enclose the sea of Okhotsk.

The only remaining passages to Russia lie either through the Bering Sea and the Arctic to ports on the Lena, the Ob and the Yenesei Rivers, or by air from Alaska to Northeastern Siberia.

### Influence of United States Power on the Japanese Plan

An attack upon Russia, based upon the Japanese motives outlined above, would probably have markedly different character from a Japanese plan of Siberian invasion if the United States were not a belligerent. Since the Kamchatka-Aleutian area would be the logical junction of United States and Soviet forces, Petropavlovsk, the key to this area, would equal Vladivostok as a Russian objective. An attack upon Russia would deprive the United States of the best and almost the only effect-



ive bridge over which to make a decisive attack upon Japan, and would give the Axis a complete line of Pacific bases guarding Asia from the Western Hemisphere.

Japan would gain no immediate economic advantage from an attack upon Russia. Since Russia now obtains neither men nor materials for the Western front from the Siberian region and probably would send little help from the present front to assist in its defense, a Japanese attack upon Siberia would make little immediate military contribution to the war effort of Japan's Axis partner.

Japan is now in little danger of an air attack from Vladivostok or any other place on the Russian coast. The 1500 planes which the Russians now have in that area are almost all fighters, and in view of her bomber shortage on the western front, there is little likelihood of Russia being able to send bombers in any numbers to that area. Russia is not likely to attack Japan until there have been great changes in the fortunes of the United Nations. Japan seems safe from an attack by Russia for at least six months, and it is probable that Russia would not during that period permit the United States to use bases on Russian territory.

The future holds a real threat to Japan from that area. The position in the west may become stable and Germany may grow weaker. United States armament production may within the next six months reach a point where she could join Russia in a powerful drive on Japan. Meanwhile the optimum season for campaigning in the Siberian area approaches. September is the best month, with August, except for heavy fogs around Kamchatka and the Aleutians, a close second.

#### Character of the Campaign

The fact that the United States is a belligerent and the threat of Russia's 102 submarines in the Pacific dictate two probable characteristics of the Japanese campaign:

1. Japan will abandon the piecemeal, stepping-stone program used in the south in favor of simultaneous two-pronged assault. The major land action will come from Manchuria and Korea against Siberia. The major sea action will be against Kamchatka, the Commander Islands and the Aleutians.
2. Japan will seek a quick decision before United States aid can be concentrated either at Kamchatka or a point nearer Japan.

Japan is precluded from a gradual encroachment upon Russian territory by the probability that Russia, even after the fall of Vladivostok, would have numerous naval stations from which the Soviet Pacific fleet

could prey upon Japanese shipping. Japan might temporarily withdraw shipping from waters vulnerable to the Russian submarines--which are mostly of very short range--in the hope that most of these bases could be taken or rendered useless by air attack within a few months.

This view is borne out by the Japanese capture of the Aleutian Islands of Kiska, Attu, Agatu and Little Sitkin. This action is generally regarded either as a threat to Alaska or as a diversion to the attempt on Midway. However, it may be more properly considered, in the scale of Japan's basic objectives, as menacing the Soviet defense of Kamchatka which is based on the triangle Karaginski Island-Commander Islands-Petropavlovsk. The Midway attack may have been an effort to pin down to the Hawaiian area forces which Japan feared we might use in the north. The Japanese lodgments in the Aleutians lie directly athwart the line of United States aid from Dutch Harbor to the Kamchatkan base of Petropavlovsk. Attu is 925 miles from Dutch Harbor, but it is only 325 miles from the Russian naval and air base in the Commander Islands and only 575 miles from similar bases at Petropavlovsk.

British intelligence has reported the Japanese Fleet in home waters in June, 1942. Impending attack to the north would be the most logical explanation for its presence there.

#### Japanese Capabilities Against Siberia

Japan now has in Manchuria at least 23-25 infantry divisions of 18,000 men each, plus four cavalry brigades of 3500 men each, plus six tank regiments of 1000 men each, plus railroad and frontier guards--a force of 620,000 men. In mid-July two infantry divisions and two tank regiments were reported en route to Manchuria. There are ten divisions in training in Japan. The maximum force which Japan could hurl at Russia in the whole area, including Sakhalin and Kamchatka, was recently estimated at 840,000. Later, unconfirmed reports placed the number of Japanese divisions in this area at 50, or approximately 900,000 men. Japan is believed to have at least 1200 aircraft in Manchuria after recent reinforcements. Military authorities believe Japan could achieve and maintain air superiority in the Siberian theater.

Japan's overwhelming naval superiority probably would be used against Kamchatka and the Aleutians rather than against the coast of the Maritime Provinces, as the latter is much more vulnerable to land attack from Korea and Manchuria. Heavy Japanese concentrations, including perhaps 100,000 men at Ranan alone, lie just below Vladivostok in Korea. The Japanese railroad system in Korea and Manchuria fans out in lines that can supply efforts to cut the trans-Siberian railroad at several points. Khabarovsk, at the juncture of the Sungwha and Amur valleys, is particularly vulnerable to an attack down the former river. In Karafuto, the Japanese half of Sakhalin, various factors favor success of a Japanese thrust north. For years the Japanese have been very familiar



with the Russian half of this island. They operate most of the oil fields near Okha. The areas most difficult for Japan to reach are Kamchatka and the extreme northeastern section of Russia. The Japanese-held Kurils, however, lie within six miles of Kamchatka. The great Russian base at Petropavlovsk, contrary to some statements, is definitely liable to attack from Japanese land based planes in the northern Kurils and from Attu, in the Aleutians, 575 miles away.

#### Russian Capabilities Against Japan

Russia almost certainly does not possess numerical superiority over the Japanese in Siberia. The Russian forces are understood to be qualitatively inferior reserve divisions. Their best arms have been sent to the German front.

The Joint U. S. Intelligence Committee places the Russian strength in the Far East (excluding Mongolia) at 33 infantry divisions, 10 cavalry divisions, 13 armored brigades and 10 air divisions. This is approximately a force of 600,000 men, 1400 tanks and 1100 planes. This army is undoubtedly strongly supported by fortifications in depth and by an intensive development of military air fields in the regions of greatest danger.

On the other hand, its qualitative inferiority is such that, while it might fight a delaying action, it is deemed incapable of taking the offensive or of successfully defending the Maritime Provinces against a sustained Japanese attack. Possibilities of a Soviet offensive into Western Mongolia or a juncture with Chinese forces below the line Urga-Chita are minimized by difficulties of terrain and would almost certainly be too slow to effect the outcome of a Japanese blitz in the critical eastern area.

The real danger to Japan in an attack upon Siberia lies in the Soviet Pacific Fleet. This is believed to consist of:

<u>Type of Vessel</u>	<u>Far East</u>
Destroyers -	
Modern (2900 ton) - - - - -	3
" (1650 ton) - - - - -	6
" (800 ton) - - - - -	8
Old (1300 ton) - - - - -	3
Total destroyers - - - - -	20
Submarines -	
1200-1000 ton - - - - -	17
770-550 ton - - - - -	35
188 ton - - - - -	50
Total submarines - - - - -	102
Mine layers - - - - -	5
Minesweepers - - - - -	18
Gunboats - - - - -	---
River gunboats - - - - -	20
Icebreakers - - - - -	10
Motor Torpedo boats - - - - -	100
Depot ships - - - - -	3



Obviously, this fleet is no match for the Japanese Navy. On the other hand, note that the number of submarines exceeds the German total at the start of the war and may even exceed the present German total. In addition to 102 submarines, the Russians are believed to have 100 motor torpedo boats in the Pacific. Japan's present shipping tonnage is believed to be 5,485,000 tons. She needs 4,785,000 tons to carry her war economy at present levels, including military needs. It is estimated, however, that 100,000 tons of tankers are unemployable and that 500,000 or 600,000 gross tons were used in reinforcing the invasion fleets. The latter must be repaid in order to ship essential materials, and this would practically wipe out the Japanese surplus shipping during the summer and autumn. This small margin permits of little loss. It is especially critical in view of Japan's need to expand her sea-borne commerce, either for increase of the raw materials supply to the homeland or to carry out the announced program of establishing a great industrial base on the Continent. The Japanese merchant and naval capacity is believed to be only 400,000 tons this year, including Hong Kong, so that serious losses in a Russian war could not be replaced.

Japan faces the necessity of exposing her greatest economic vulnerability, shipping, for the sake of eliminating her greatest military vulnerability, the hostile possession of the Siberian shore of the Japan Sea.

A16-3/U.S.S.R.

August 5, 1942.

CROSS-INDEX SHEET

For memorandum from GENERAL MARSHALL to the PRESIDENT  
re indication (by radio intelligence) that Japan  
does not intend to undertake military operations  
against RUSSIA at this time see file

AB-2

A16-3 (U.S.S.R.)

THE WHITE HOUSE  
WASHINGTON

July 30, 1942.

MEMORANDUM FOR

CAPTAIN McCREA:

Will you show this to  
Harry Hopkins and ask him to return it  
to you for your secret files?

F.D.R.

8/10/42

Mr. Hopkins said that  
Mr. Churchill showed him  
this msg in London  
and that this is a  
copy of the complete  
message.

S.



A16-3(U.S.S.R)

BRITISH EMBASSY  
WASHINGTON, D.C.

July 29th, 1942.

Dear Mr. President,

I have just had a telegram from  
the Foreign Office instructing me to  
communicate to you the enclosed copy of a  
message sent to the Prime Minister by  
M. Stalin on July 23rd.

Believe me,

Dear Mr. President,

Very sincerely yours,

*R. I. Campbell*

The Honourable

Franklin D. Roosevelt,

President of the United States

of America,

Washington, D. C.

I received your message of July 18th. Two conclusions could be drawn from it. Firstly, the British Government refuse to continue sending of war materials to Soviet Union via Northern route. Second, in spite of agreed communiqué concerning urgent tasks of creating a second front in 1942 British Government postpones this matter until 1943.

2. Our naval experts consider reasons put forward by British naval experts to justify cessation of convoys to northern ports of U.S.S.R. wholly unconvincing. They are of opinion that with goodwill and readiness to fulfill contracted obligations these convoys could be regularly undertaken and heavy losses could be inflicted on the enemy. Our experts find it also difficult to understand and to explain order given by Admiralty that escorting vessels of PQ 17 should return whereas cargo boats should disperse and try to reach Soviet ports one by one without any protection at all. Of course I do not think that regular convoys to Soviet northern ports could be effected without a risk or losses. But in wartime no important undertaking could be effected without risk or losses. In any case I never expected British Government will stop despatch of war materials to us just at very moment when Soviet Union, in view of serious situation on Soviet-German front, requires these materials more than ever. It is obvious that transport via Persian Gulf could in no way compensate for cessation of convoys to northern ports.

Regraded Unclassified

3. With regard to second question, i.e. question of creating a second front in Europe, I am afraid that it is not being treated with seriousness it deserves. Taking fully in account present position on Soviet-German front I must state and explain in most emphatic manner that Soviet Government cannot acquiesce in postponement of a second front in Europe until 1943.

I hope you will not feel offended that I expressed frankly and honestly my own opinion as well as opinion of my colleagues on questions raised in your message.