

Lend Lease: Apr. 1949

(2775)

ADDRESS OFFICIAL COMMUNICATIONS TO  
THE SECRETARY OF STATE  
WASHINGTON, D. C.



*PSF*  
*G.F.*  
*Lend Lease*

DEPARTMENT OF STATE  
WASHINGTON

*Ch. ok - 7/27/44*  
*Carbon indicated by this President and returned to dicty Hark. 4/2/44*

April 1, 1944

MEMORANDUM FOR THE PRESIDENT

*x48-B*  
*x229*

It is my opinion that the exchange of letters between Mr. Morgenthau and Mr. Ilsley, Canadian Minister of Finance, is in the best interests of the United States.

The Department participated in the discussions preceding the agreement which (1) relieves this Government of all responsibility for Canada's dollar balance, (2) restores freedom of action to Canada in all matters relating to that balance, and (3) reimburses the United States for certain materials and for certain expenditures in the Canadian Northwest. The exchange of letters constitutes also a considered attempt to remove the grounds for possible future controversies.

*CH*

*x4193*



*L. F.*  
*Lend Lease*

PETROLEUM ADMINISTRATION FOR WAR

WASHINGTON 25, D. C.

*file*  
*Confidential*

APR 8 1944

My dear Mr. President:

I am pleased to enclose our April progress report to you on the subject of Supplies For The U.S.S.R.

As requested, a copy of this report has been forwarded directly to Major General J. H. Burns, Executive of The President's Soviet Protocol Committee.

Sincerely yours,

*Harold G. Fikes*

Petroleum Administrator for War.

x4435

The President,

The White House.

Enclosure.

PETROLEUM ADMINISTRATION FOR WAR  
25, D.C.  
WASHINGTON

APR 8 1944

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As requested, a copy of this report has been forwarded directly to Major General J. H. Burns, Executive of The President's Soviet Protocol Committee.

Sincerely yours,

(Sgd) Harold L. Jones  
Petroleum Administrator for War.

The President,

The White House.

Enclosure.

PETROLEUM ADMINISTRATION FOR WAR

WASHINGTON

SUPPLIES FOR THE USSR

REPORT TO THE PRESIDENT

PETROLEUM PRODUCTS

The tanker to be assigned to the Russians as a replacement for the DONBASS has been delayed due to bad weather and will not be available until sometime during the first half of April. This new tanker will be given the name of the vessel she replaces.

In the last previous report it was indicated that shipments of blending agent from the United States during the month of March would amount to about 500,000 to 550,000 barrels. Due to delays in repairing the three drydocked tankers and to the severe ice condition which greatly delayed the arrivals and departures of tankers at Far Eastern ports, no blending agent was lifted from the United States during March. As a result of the ice, some of the tankers which left the West Coast during January have only recently arrived in Russia.

Numerous vessels, both tankers and cargo-ships, have suffered damage in breaking through the ice which will make it necessary for them to undergo repairs on arrival on this side. Accordingly, it is difficult to make a firm estimate of the quantity of blending agent which will be lifted during April. However, unless other unforeseen delays occur, it is believed that about 425,000 barrels of the product will be shipped from this country.

Except for a small quantity shipped in drums, the Russians lifted no 100 octane gasoline during the month of March. However, a total of 292,500 barrels of 100 octane gasoline was turned over by the Russians to the British in the United States during March in compensation for quantities of blending agent and 100 octane gasoline delivered or to be delivered to the Russians at Abadan by the British.

Although no blending agent and practically no 100 octane gasoline were lifted by the Russians in the United States during March, according to the latest indications the Russians were scheduled to receive during the month from the British at Abadan a total of 27,000 barrels of blending agent and 108,000 barrels of 100 octane gasoline.

The following tabulation summarizes the petroleum product shipments that have been made to the U.S.S.R. during the period June 22, 1941 (the date of the German invasion of Russia) to March 31, 1944. In keeping with our usual practice, we have eliminated shipments diverted to the United Kingdom, and have

MAR 21 1973

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E.O. 11652, Sec. 3(E) and 5(D) or (2)

Interior Dept Hqs, 11-3-72

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included replacement shipments from the United Kingdom. Also included are aviation gasoline and blending agents shipped from Abadan during the period July 1, 1943 to February 29, 1944. Replacement of these shipments has been or will be made out of United States controlled sources.

Aviation Gasoline and Blending Agents	5,658,699 Bbls.
Motor Gasoline	865,719 "
Miscellaneous Naphtha and Kerosene	43,499 "
Gas Oil	405,885 "
Fuel Oil	27,831 "
Lubricating Oil	193,930 "
Grease	8,197 "
Tetraethyl Lead	18,012 "
Lubricating Oil Additives	28,492 "
Total	<u>7,250,264</u> Bbls.
Ceresine and Paraffin Wax	4,158 Short Tons

#### PETROLEUM REFINING PLANTS

The remaining points in mechanical design pertaining to the Urgent Section of the Third Protocol which have been in dispute between E. B. Badger and Sons Company and the Russian engineers have finally been settled.

Further pilot plant runs on alternate stocks proposed by the Russians have resulted in the selection of a satisfactory blend of gas oil as feed stock for Plant 3. It will be recalled that this plant was originally planned for Buguruslan, and that as a result of favorable changes on the war front the Russians decided to erect it some distance to the west, at Kuibyshev on the Volga River. The insufficiency of charging stocks in this latter district suitable for catalytic cracking makes it necessary to transport a part of the requirements from Baku by tanker and barge. This necessitates the construction at Kuibyshev of a floating barge dock and storage terminal having a capacity sufficient for requirements during the five and one-half months in the winter when the river is not navigable. The barge, anchorage, and storage terminal will be furnished by the U.S.S.R. but it is desired that the unloading equipment for the barge be supplied from here. The addition of this unloading equipment and other changes and additions made necessary because of the new location and the change in feed stocks would increase the estimated cost of the offer under the Third Protocol by \$1,518,900. This also includes provision for contingency items.

The final decision as to the most suitable charging stock for Plant 4 involves the inclusion under the Urgent Section of the Petreco units which are now allocated to the non-Urgent Section, as these units are necessary for the charging stock to be processed. We have recommended that they be so included. This change would increase the estimated cost of the offer under the Third Protocol by \$1,711,900, including provision for contingency items.

DECLASSIFIED MAR 21 1973  
E.O. 11652, Sec. 3(E) and 5(D) or (E)

Two supplemental requisitions have been presented by the Russians. One covers a pilot plant to be installed at one of the existing plants. It is considered that this requisition should be approved as the equipment is necessary for determining quickly the optimum operating conditions for the Houdry units already furnished. The other requisition covers a depropanizer for Plant 1, to be installed in the Combination Unit previously furnished in order to supply the necessary feed stock for the Alkylation Unit. This feed stock originally was to be supplied from Plant 3 but is now required at the latter plant. The additional estimated cost of these two additions is \$140,000.

The original estimated cost of the equipment offered for Plants 3 and 4 under the Urgent Section of the Third Protocol was \$24,490,000. The present estimated cost of the equipment necessary to meet the changed conditions cited above, but modified in accordance with recommendations of General Wesson's Committee on Industrial Equipment after consideration with representatives of the Foreign Refining Division and Badger, and including the supplemental requisitions for a pilot plant and a depropanizer for Plant 1 as well as provision for contingency items, is \$27,860,800.

#### OILFIELD EQUIPMENT

The requisition covering the diesel rigs is now the only Arctic Program oilfield requisition which has not been cleared. It is known, and the Russians have been so informed, that the rigs cannot be made available in time for shipment under the AA-1 rating that has been assigned the Arctic Program. The Soviet Purchasing Commission is attempting to have the Foreign Economic Administration approve the requisition with a higher rating, but to date this has not been done. The matter is still under discussion.

Fabrication of equipment making up the First and Second Protocol Lend-Lease allotments to the U.S.S.R., excluding new refinery installations, was increased by a value of approximately \$940,000 during February. This raised the total fabrication figure by 2.0%. As of February 29, 1944, after deducting the total oil country pipe released by FEA for domestic use from the quantities ordered and fabricated, the percentage by value of all items fabricated stood at 92.1%. Similarly, a breakdown by groups, as of February 29, shows that the fabrication of oil country pipe stood at 98.2%, refinery tubing at 89.4%, oilfield equipment at 92.9%, and refinery equipment at 81.7%.

In reply to our inquiry about the present status of the Fourth Protocol and the Oilfield Equipment Section which it should contain, the Commission has stated that the Fourth Protocol had not been submitted from Moscow up to March 30. It is believed that there will be a separate category for oilfield equipment.

#### RECOMMENDATIONS

We have no recommendations to make at this time.

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E.O. 11652, Sec. 8(E) and 8(D) or (B)

PETROLEUM ADMINISTRATION FOR WAR

WASHINGTON

SUPPLIES FOR THE USSR

REPORT TO THE PRESIDENT

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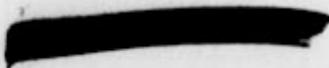
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E.O. 11652, Sec. 3(E) and 5(D) or (S)

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#### RECOMMENDATIONS

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E.O. 11652, Sec. 3(E) and 5(D) or (E)

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PSF

*C. F. Lend Lease*

WAR DEPARTMENT  
WASHINGTON, D. C.

April 8, 1944.

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 March 1944.

Seventy per cent of the total tonnage to be furnished by the War Department has been made available during the first nine months of the Third Protocol period. In most cases material has been made available to meet allocated shipping space and selections made by the Union of Soviet Socialist Republics. Production of some items required under the Protocol is scheduled for completion during 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 H. Stimson*

Secretary of War.

x25

Incl:  
Tabs A to C  
inclusive

x4193  
x220



APR 0 - 1944

The President,

The White House.

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Respectfully yours,

HENRY L. STIMSON

Secretary of War.

Incl:  
Tabs A to C  
inclusive

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WAR DEPARTMENT

SUMMARY OF STATUS OF MILITARY GROUND ITEMS  
AS OF 31 MARCH 1944

SECRET	
SP11A-5	DIRECTOR I.A.D.
INITIALS	C 27
DATE	6 April 1944

The following statement summarizes the status of Military Ground Items during the Third Russian Protocol period 1 July 1943 to 31 March 1944, detailed in the tabulations attached.

General Classification	Tonnage				Total
	Tab A1 Third Protocol Schedule	Tab A2 Second Protocol Items Re-Offered	Tab A3 Assigned Non-Protocol Items	Tab A4 Requisitioned Non-Protocol Items	
			<u>Offerings</u>		
Ordnance Items	995,961	6,910	117,068	9,931(a)	1,129,870
Signal Items	32,094	17	1,201*	420	33,732
Chemical Items	58,113	11,366*	10,638	1,590	81,707
Quartermaster Items	58,370	-	1,594	38,944(c)	98,908
Medical Items	2,065	-	-	-	2,065
Transportation Items	304,300	-	13,300	-	317,600
Engineer Items	-	-	20,758	1,739	22,497
	<u>1,450,903</u>	<u>18,293</u>	<u>164,559</u>	<u>52,624</u>	<u>1,686,379</u>
			<u>Offerings Made Available</u>		
Ordnance Items	729,574	6,910	113,756	9,911(b)	860,151
Signal Items	25,482	17	952	241	26,692
Chemical Items	44,634	11,366*	7,206	1,320	64,526
Quartermaster Items	29,813	-	1,353*	35,520(c)	66,686
Medical Items	1,712	-	-	-	1,712
Transportation Items	136,978	-	274	-	137,252
Engineer Items	-	-	18,876	1,696	20,572
	<u>968,193</u>	<u>18,293</u>	<u>142,417</u>	<u>48,688</u>	<u>1,177,591</u>

\* Revised figures.

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

(b) Availability figure as of 29 February 1944.

(c) Revised. The Russians have cutback 4,280,000 yards (5,607 tons) of Canton Flannel on requisition 11,713 to equal the tonnage procurement of 6,800 Paulins to be procured on requisition 12,048.

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D.O. No. 5200.9 (9/27/58)

Date-

JAN 31 1972

Signature-

RAH



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5200.9 (9/27/68)

TAB A1

ITEMS SPECIFICALLY LISTED IN THIRD PROTOCOL SCHEDULE

Item	Protocol Number	Third Protocol Commitment	First Nine Months' Schedule	First Nine Months' Availability	Performance by Units			Tonnage (Short Tons)	
					% Shortage	Coverage	%	Total Offerings	Availability 31 Mar 1944
<u>ORDNANCE</u>									
<u>Tanks</u>									
Medium	I 2	2,000	1,503	1,396	7.1	107		60,600	42,299
<u>Vehicles</u>									
Scout Cars, M3A1	I 9a	4,500**	3,375	2,182	35.3	1,193		19,822	9,612
Truck 1/2 Ton 4x4 (Jeeps)	I 9b	24,000 1,804*	18,000 1,804*	17,009(a) 1,804*	5.0	991		24,720 1,858*	18,970 1,858*
<u>Trucks</u>									
Truck 3/4 Ton 4x4 WC	I 10a	-	-	6,480 156*				-	16,728 402*
Truck 3/4 Ton 4x4 Carryall	I 10a	-	-	-				-	-
Truck 1 1/2 Ton 4x2	I 10b	-	-	26,578 3,091*				-	90,604 10,537*
Truck 1 1/2 Ton 4x4	I 10b	-	-	15,783 1,566*				-	64,986 6,448*
Truck 2 1/2 Ton 6x4	I 10c	-	-	15,724(b) 1,228*				-	101,183(b) 7,902*

\* Second Protocol carryover.

\*\* Second Protocol carryover relisted on Third Protocol.

(a) Includes 2,165 trucks 1/2 Ton 4x4 (Amphibian).

(b) 10 Rollers, Road, 3-wheel, 10 Ton, equivalent to 18, 2 1/2 Ton 6x4 Trucks and 60 Graders, Road, Motorized, Diesel Engine Driven, equivalent to 136, 2 1/2 Ton 6x4 Trucks are considered as substitutes for trucks per agreement with the U.S.S.R.

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Tab A1 - 2 of 8

Item	Protocol Number	Third Protocol Commitment	First Nine Months' Schedule	First Nine Months' Availability	Performance by Units			Tonnage (Short Tons)	
					% Shortage	Overage	%	Total Offerings	Availability 31 Mar 1944
<u>Trucks (Cont'd)</u>									
Truck 2½ Ton 6x4 Tractor	I 10c	-	-	570				-	2,911
Truck 2½ Ton 6x6	I 10c	-	-	24,308 3,252*				-	134,909 18,048*
Truck 2½ Ton 6x6 Dump	I 10c	-	-	400				-	2,124
Truck 2½ Ton 6x6 Radio Repair	I 10c	-	-	-				-	-
Truck 5 Ton 4x2 Dump	-	-	-	28				-	149
Tank Transporter 20 Ton	I 10c	-	-	164 44*				-	2,665 715*
Tank Transporter 40 Ton	-	-	-	60				-	1,591
Truck 1½ Ton 6x6 Dodge	-	-	-	10				-	36
Industrial Lift Trucks and Tractors	-	-	-	139(c)				-	291
		<u>132,000</u> 9,337*	<u>96,000</u> 9,337*	<u>90,244</u> 9,337*	5.5	5.756		<u>629,406</u> 44,052*	<u>418,177</u> 44,052*
Motorcycles	I 17	12,000 1,400*	9,000 1,400*	9,400 1,400*			400 3.8	3,222 375*	2,524 375*
<u>Prime Movers for Artillery</u> <u>Tractors, Medium M1</u>	I 18	1,680	-	1,032				8,958	6,306
Tractors, Heavy M1		720	-	504				9,180	6,552

\* Second Protocol carryover.

(c) Industrial Lift Trucks and Tractors to be charged against truck commitment per agreement with U.S.S.R.

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Tab A1 - 3 of 8

Item	Protocol Number	Third Protocol Commitment	First Nine Months' Schedule	First Nine Months' Availability	Performance by Units			Tonnage (Short Tons)	
					% Shortage	Overage	%	Total Offerings	Availability 31 Mar 1944
<u>Prime Movers for Artillery (Cont'd)</u>									
Tractors, M5	-	-	-	172				-	2,408
Construction Tractors	-	2,400	1,800	1,718	4.5	82		18,138	15,425
Cars, Half Track M9	-	600	450	426	5.3	24		4,563	3,240
<u>Explosives</u>									
Toluol (Tons)	I 13a	40,320 6,527*	29,120 6,527*	31,327 6,527*			2,207 6.2	44,400 6,527*	31,327 6,527*
TNT (Tons)	I 13b	26,880 23,493*	20,160 23,493*	33,350 23,493*			13,190 30.2	30,660 23,493*	33,350 23,493*
Powder (Tons)	I 14	72,700(d) 8,825*	54,400 8,825*	69,520 8,825*			15,120 23.9	75,300 8,825*	69,520 8,825*
Total								910,831	644,444
								<u>85,130*</u>	<u>85,130*</u>

SIGNAL EQUIPMENT

Radio Stations More Than 1 KW I 20a

Radio Trans. & Rec. Stat. 50 KW	1	-	1					-	88(f)
Radio Trans. & Rec. Stat. 10-15 KW	17(e) 4*	10 4*	10 4*					-	317(f)
Radio Trans. & Rec. Stat. 2-3 KW	39	24	-					260*	260*
RCA-ET 4331	1 58(e) 4*	1 35 4*	1 12 4*	58.9	23			-	441(f)
								910	849
								260*	260*

\* Second Protocol carryover.

(d) An Additional 22,000 tons of powder is being procured.

(e) Three being procured by U.S. Navy not included.

(f) Tonnage reported but complete units not yet available.

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DDO DW 5200.9 (9/27/58)

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Tab A1 - 4 of 8

Item	Protocol Number	Third Protocol Commitment	First Nine Months' Schedule	First Nine Months' Availability	Performance by Units		Tonnage (Short Tons)		
					% Shortage	% Overage	Total Offerings	Availability 31 Mar 1944	
<u>SIGNAL EQUIPMENT (Cont'd)</u>									
<u>Radio Stations Less Than 1 KW I 20c</u>									
Radio Set SCR-299, 399		1,000 25*	675 25*	1,007 25*	332	47.4	-	4,905	
Radio Set SCR-284		4,500 600*	3,375 600*	4,448 600*	1,073	26.9	-	1,059	
Radio Set #19		2,300 112*	2,300 112*	2,467 112*	167	6.9	-	273	
Radio Set Pilot V-100		4,000	3,500	3,701	201	5.7	-	510	
Radio Set SCR-177B		( 95)	( 95)	30(g)	-	-	-	30	
Radio Set SCR-274		( 560)	( 560)	560(g)	-	-	-	48	
Radio Set SCR-511		( 400)	( 400)	5(g)	-	-	-	-	
Radio Set SCR-610		(4,800) 11,800 737*	(4,800) 9,850 737*	-(g) 12,218 737*	2,368	22.3	- 11,850 159*	4(r) 6,829 159*	
<u>Radio Receivers I 20c</u>									
RCA Type AR-88		620	-	400	-	-	-	30	
National Type HRO-MX		70	-	70	-	-	-	3	
National Type HRO		230	-	80	-	-	-	3	
Federal Type 128-A		200	-	-	-	-	-	-	
Hallicrafter SX-28		180	-	180	-	-	-	13	
National Type NC-200		490	-	-	-	-	-	-	
Hallicrafter S-29		210	-	-	-	-	-	-	
		<u>2,000</u>	<u>1,250</u>	<u>730</u>			<u>160</u>	<u>49</u>	

\* Second Protocol carryover.

(g) Within the total offering of 11,800, the U.S.S.R. may select the whole or part of commitments as listed.

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Tab A1 - 5 of 8

Item	Protocol Number	Third Protocol Commitment	First Nine Months' Schedule	First Nine Months' Availability	Performance by Units			Tonnage (Short Tons)	
					% Shortage	Overage	%	Total Offerings	Availability 31 Mar 1944
<u>Radio Receivers (Cont'd)</u>									
Hallicrafter S-29		10	-	10				-	-
Hallicrafter SX-28		2	-	2				-	-
Hammarlund BC-794		7	-	7				-	-
BC-1004		190	-	190				-	-
SP-200-SX BC-1004		5	-	5				-	-
220-X BC-1004		97	-	97				-	-
RAZ		5	-	5				-	-
RA-10-DA		945	-	930				-	-
Hammarlund H2-120-X		2	-	2				-	-
Diversity Receiving Equip.		23	-	23				-	-
Radio Compass MN-26-C		5	-	5				-	-
		2,000	1,250	730	20.3	520		160	49
Hammarlund Receivers		1,291** (h)	1,291**	1,276**				169**	169**
		14*	14*	14*				1*	1*
<u>Radio Beacons</u> I 26									
SCR-177B		200	-	200				-	201
		50*	50*	50*				37*	37*
Radio Trans. Wilcox 96-200A (2½KW)		3	-	-				-	-
Radio Trans. Wilcox FT-300 (3KW)		10	-	-				-	-
Radio Trans. Pan American Airways		10	-	-				-	-
Radio Range Beacons		12	-	-				-	-
Other Types of Radio Beacons		-	-	6				-	21
		235(1)	180	206		26	11.3	1,222	222
		50*	50*	50*				37*	37*
<u>Radio Direction Finding Set</u>									
Radio Set SCR-551 (w/SCR-169 & SCR-211)		150	100	48	52.0	52		542	174

- \* Second Protocol carryover.
- \*\* Second Protocol carryover relisted on Third Protocol.
- (h) The Second Protocol carryover relisted on Third Protocol as an estimated 430 items has been revised to the figure of 1,291 as the undelivered balance carried over from Second Protocol.
- (1) Fifteen being procured by U.S. Navy not included.

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Tab A1 - 6 of 8

Item	Protocol Number	Third Protocol Commitment	First Nine Months' Schedule	First Nine Months' Availability	Performance by Units			Tonnage (Short Tons)	
					%	Shortage	Overage	Total Offerings	Availability 31 Mar 1944
<u>Radio Direction Finding Set (Cont'd)</u>									
Radio Tubes	I 23	2,400,000	1,787,500	1,766,252	1.2	21,248		520	221
Measuring & Testing Equipment & Spare Parts	I 28	\$3,000,000	\$2,250,000	\$1,200,786	46.6	\$1,049,214		350	331
Field Telephones	I 11	100,000 42,249*	74,997 42,249*	106,300 42,249*			31,303 26.6	900 253*	927 253*
Wire, Field Telephones	I 12	186,000 141,042*	168,000 141,042*	162,490 141,042*	1.7	5,510		7,720 5,781*	6,863 5,781*
Field Battery Charging Station (1 1/2 KW)	I 24	4,000	3,500	3,868			368 10.5	<u>1,260</u>	<u>2,357</u>
	Total							25,434 <u>6,660*</u>	18,822 <u>6,660*</u>
<u>CHEMICALS (Tons)</u>									
Phenol	II 36	12,000 4,118*	9,000 4,118*	8,701 4,118*	2.3	299		12,960 4,118*	9,397 4,118*
Ethylene Glycol	II 38	3,360 4,134*	2,520 4,134*	650 4,134*	28.1	1,870		3,700 4,134*	715 4,134*
Methanol	II 45	6,720 2,370*(j)	5,040 2,370*	3,395 2,370*	22.1	1,645		7,700 2,370*	3,530 2,370*
Urotropine	II 46	6,720	5,040	4,975	1.3	65		7,600	5,621
Glycerine	II 61all	6,720 2,498*	5,040 2,498*	7,707 2,498*			2,667 35.3	7,400 2,498*	8,477 2,498*

\* Second Protocol carryover.  
(j)622 tons repossessed.

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Item	Protocol Number	Third Protocol Commitment	First Nine Months' Schedule	First Nine Months' Availability	Performance by Units		Tonnage (Short Tons)	
					% Shortage	% Overage	Total Offerings	Availability 31 Mar 1944
<u>CHEMICALS (Tons) (Cont'd)</u>								
Other Chemicals	II 61a	3,584 1,691*(k)	2,682 1,691*	1,894 1,691*	18.0	788	3,942 <u>1,691*</u>	2,083 <u>1,691*</u>
Total							43,302 <u>14,811*</u>	29,823 <u>14,811*</u>
<u>QUARTERMASTER</u>								
Leather (Tons) II 71		13,544	-	3,524			13,544	3,524
(1) Army Boots		2,490	-	408			2,490	408
Leather Belts		258	-	20			258	20
Shoes, Service		1,453	-	-			1,453	-
Women's Service Shoes		53	-	17			53	17
Transmission Belting		65	-	-			65	-
Boots, Leather		128	-	-			128	-
Leather Belting		9	-	-			9	-
		<u>18,000</u> 4,250*	<u>13,500</u> 4,250*	<u>3,969</u> 4,250*	42.8	9,531	<u>18,000</u> 4,250*	<u>3,969</u> 4,250*
Army Boots (Prs.) II 72		3,600,000 137,468*	2,700,000 137,468*	2,596,703(m) 137,468*	3.6	103,297	9,000 343*	6,878 343*
Woolen Cloth (Yds.) II 73a		17,400,000	13,050,000	7,750,926	40.6	5,299,074	15,615	7,885
Cotton Cloth (Yds.) II 73b		21,900,000 1,045,000**	16,425,000 1,045,000**	12,587,492 1,045,000**	21.9	3,837,508	6,182 280**	3,646 280**

\* Second Protocol carryover.

\*\* Second Protocol carryover relisted on Third Protocol.

(k) 182 tons repossessed.

(l) The leather being supplied for these products is chargeable to the Protocol Commitment for leather of 18,000 tons.

(m) Leather for shoes in excess of 2,400,000 pairs is supplied as a part of the Protocol commitment for leather.

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Tab A1 - 8 of 8

Item	Protocol Number	Third Protocol Commitment	First Nine Months' Schedule	First Nine Months' Availability	Performance by Units			Tonnage (Short Tons)	
					%	Shortage	Overage	Total Offerings	Availability 31 Mar 1944
<u>QUARTERMASTER (Cont'd)</u>									
Tarpaulin	(Yds.)	3,000,000	2,250,000	724,186(n)	67.8	1,525,814		2,300	869(n)
Webbing	(Yds.) II 75	6,000,000 6,000,000**	4,500,000 6,000,000**	6,159,643 6,000,000**			1,659,643 15.8	1,200 <u>1,200**</u>	493 <u>1,200**</u>
Total								52,297 4,593* <u>1,480**</u>	23,740 4,593* <u>1,480**</u>
<u>MEDICAL</u>									
Medical Supplies		\$12,000,000 2,077,536*	\$9,000,000 2,077,536*	\$4,057,193 2,077,536*	44.6	\$4,942,807		1,200 865*	847 865*
<u>TRANSPORTATION EQUIPMENT</u>									
Locomotives		700	350	388			38 10.8	69,300	47,085
Flat Cars		10,000	6,200	3,822	38.3	2,378		<u>235,000</u>	<u>89,893</u>
Total								<u>304,300</u>	<u>136,978</u>
GRAND TOTAL								1,337,364 113,539*	854,654 113,539*

\* Second Protocol carryover.  
 \*\* Second Protocol carryover relisted on Third Protocol.  
 (n) Revised.

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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 Quantity</u>	<u>Offerings Tonnage</u>	<u>Offerings Made Available Quantity</u>	<u>Available Tonnage</u>	<u>Remarks</u>
<u>ORDNANCE</u>						
90mm AA Gun	I 3a	20	173	20	173	
40mm 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>SIGNAL</u>						
Radio Set SCR-610		120	17	120	17	
<u>CWS CHEMICALS - (Tons)</u>						
Potassium Nitrate	II 50	1,810*	1,810*	1,810*	1,810*	* Repossession of 287 tons.
Potassium Sulfate	II 60	157	157	157	157	
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	

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Tab A2 - 2 of 3

<u>Item</u>	<u>Protocol Number</u>	<u>War Department Offerings Quantity</u>	<u>Offerings Tonnage</u>	<u>Offerings Made Available Quantity</u>	<u>Available Tonnage</u>	<u>Remarks</u>
<u>CWS CHEMICALS - (Tons) (Cont'd)</u>						
Pyrocatechin	II 61a	8.4	8.4	8.4	8.4	
Trichlorethylene	II 61a	139.8	139.8	139.8	139.8	
White Phosphorus	II 40	493	493	493	493	
Bakelite Lacquer	II 61a	5.6	5.6	5.6	5.6	
Black Lacquer	II 61a	28	28	28	28	
Diphenylguanidine	II 36	152.1	152.1	152.1	152.1	
Sodium Bromide	II 39	277*	277*	277*	277*	* Repossession of 214 tons.
Zelan	II 61a	16.8	16.8	16.8	16.8	
Neozone	II 61a	33.6	33.6	33.6	33.6	
Molybdc Acid	II 61a	17.2	17.2	17.2	17.2	
Cerium Metal	II 58	9	9	9	9	
Tungstic Acid	II 61a	13.9	13.9	13.9	13.9	
Ethyl Cellulose	II 61a	5.6	5.6	5.6	5.6	
Magnesium Oxide	II 61a	5.6	5.6	5.6	5.6	
Thiurium	II 57	23.5	23.5	23.5	23.5	
Benzyl Chloride	II 61a	5.6	5.6	5.6	5.6	
Acetone	II 61a5	1,250	1,250	1,250	1,250	

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Tab A2 - 3 of 3

<u>Item</u>	<u>Protocol Number</u>	<u>War Department Offerings Quantity</u>	<u>Offerings Tonnage</u>	<u>Offerings Made Available Quantity</u>	<u>Available Tonnage</u>	<u>Remarks</u>
<u>CWS CHEMICALS - (Tons) (Cont'd)</u>						
Benzaldehyde	II 61a	2.9	2.9	2.9	2.9	
Diethylaniline	II 61a	6.8	6.8	6.8	6.8	
Ethyl Alcohol Denatured	II 38a	141.9*	141.9*	141.9*	141.9*	* Repossession of 95 tons.
Paranitrochlorobenzol	II 61a	129.9	129.9	129.9	129.9	
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>9,389.1</u>		<u>9,389.1</u>	
<u>ORDNANCE CHEMICALS</u>						
Dibutylphalate	II 41	1,377	1,377	1,377	1,377	
Kolloxylene	II 44	600	<u>600</u>	600	<u>600</u>	
Total			<u>1,977</u>		<u>1,977</u>	
GRAND TOTAL			18,293.1		18,293.1	

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TAB A3

ASSIGNED NON-PROTOCOL ITEMS

<u>Item</u>	War Department Offerings		Offerings Made Available				Remarks
	<u>Quantity</u>	<u>Tonnage</u>	As of 6/30/43	Subsequent to 6/30/43	<u>Quantity</u>	<u>Tonnage</u>	
			<u>Quantity</u>	<u>Tonnage</u>	<u>Quantity</u>	<u>Tonnage</u>	
<u>ORDNANCE</u>							
<u>Materiel</u>							
Gun, 40mm AA	4,267	22,615*	-	-	3,683	19,519*	* Revised
Director, AA M5 37 and 40mm Gun	4,367	2,184	-	-	2,876	1,438	
Gun, 90mm AA	120	1,038	-	-	94	813	
Gun, 3" AT SP	50	363	-	-	50	363	
Gun, 57mm AT SP	675	1,581	-	-	550	1,288	
Gun, Machine cal. .50 AA W/C	1,800	84	-	-	1,200	56	
Gun, Submachine cal. .45 M3	3,002	12	-	-	2,002	9	
Carriage Motor, 76mm Gun T/70 w/Armament	5	84	-	-	5	84	
Universal Carriers	12	6	12	6	-	-	
Binoculars 6x30 Mil Reticle	10,229	24	-	-	9,074	21	
Watch Stop Type BM1	96	-	22	-	44	-	
Skid Chains (Sets)	31,000	12	7,000	3	7,950	3	
Spark Plugs (Ea.)	510,000	32	-	-	462,800	29	

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Tab A3 - 2 of 10

Item	War Department Offerings		Offerings Made Available		Subsequent to 6/30/43		Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	Tonnage	Quantity	Tonnage	
<u>Matériel (Cont'd)</u>							
Spare Parts (Lots)	50	1,700	50	1,700	-	-	
Brush Bores for Guns	700	3	700	3	-	-	
Battery Charging Units	200	38	-	-	100	19	
Pistol, Auto. cal. .45 M1911A1	6,000	9	-	-	6,000	9	
<u>Ammunition</u>							
Cart. AP cal. .30 (Unit 1000)	31,920	1,229	24,620	948	7,300	281	
Cart. Tracer cal. .30 (Unit 1000)	4,950	183	3,700	137	1,250	46	
Cart. Ball cal. .45 (Unit 1000)	77,032	2,118	44,000	1,188	-	-	
Cart. AP cal. .50 M1 w/links (Unit 1000)	29,189*	4,957*	17,000	2,746	16,167*	2,611*	* Revised
Cart. Tracer cal. .50 w/links (Unit 1000)	8,477*	1,347*	6,998	1,112	4,076*	648*	* Revised
Link Met. Belt cal. .30 (Unit 1000)	58,710	352	15,200	91	43,400	260	
Cart. cal. .30 M2 Short Tracer (Unit 1000)	5,400	200	-	-	5,400	200	
Cart. cal. .30 Incend. AC (Unit 1000)	9,000	324	-	-	9,000	324	
Cart. cal. .50 Incend. AC (Unit 1000)	38,300*	5,917*	30,400	4,697	7,904*	1,221*	* Revised
Cart. 20mm AP (Unit 1000)	950	356	350	131	600		

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Tab A3 - 3 of 10

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>							
Cart. 20mm HE (Unit 1000)	1,850	693	300	112	1,401	525	
Shell, fixed HE M54 37mm AA & AC (Rds.)	2,251,460	6,014	293,885	428	1,957,575	5,587	
Shot, fixed APC M51 or AP M74 37mm T & AT	242,561	598	90,000	221	-	-	
Shot, fixed AP M80, 37mm AC	925,250	1,451	-	-	925,250	1,451	
Shell HE Mx I & II, 40mm AA	5,812,458	19,530	322,458	1,083	5,490,000	18,446	
Shot AP M81, 40mm AA	528,492	1,776	63,492	213	465,000	1,562	
Shell HE M71, 90mm AA	170,400	5,027	14,400	425	219,440	6,473	
Proj. APC M82 or AP M77, 90mm AA	10,000	295	-	-	10,000	295	
Shell HE S/C M48, 75mm Gun	388,266	5,436	142,269	1,991	245,997	3,444	
Shell HE N/C M48, 75mm Gun	9,100	127	9,100	127	-	-	
Proj. APC M61 or AP M72, 75mm Gun	610,100	8,236	-	-	610,100	8,236	
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.)	782,000	9,384	-	-	860,000	10,320	

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Tab A3 - 4 of 10

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43	Quantity	Tonnage	Subsequent to 6/30/43	
<u>Ammunition (Cont'd)</u>							
Shot APC M59 & AP M74, 37mm AA Gun	30,000	591	-	-	25,000	493	
Proj. APC M62 w/Tracer, 76mm Gun M1	5,000	98	-	-	5,000	98	
Shell HE M42A1, 76mm AT Gun M1	2,500	33	-	-	2,500	33	
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	
Carriage, Motor, Multiple Gun M15A1	100	875	-	-	100	875	
Carriage, Motor, Multiple Gun M17	1,000	8,683	-	-	899	7,806	
Belt, Ammunition cal. .30 M1917	72,000	15	-	-	72,000	15	
Machines, Link Loading cal. .50	1,100	10	-	-	-	-	
Gun, 4.7" AA Mobile w/Remote Control	4	160	-	-	-	-	
Shell, HE, M73 4.7" AA Gun	4,000	170	-	-	4,000	170	
Total		<u>117,068</u>		<u>17,438</u>		<u>96,318</u>	
<u>SIGNAL</u>							
Camera, PH 330-G	10	1	2	-	4	-	
Radio Set SCR-300	5	1	-	-	-	-	

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Tab A3 - 5 of 10

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43	Quantity	Tonnage	Subsequent to 6/30/43	
<u>SIGNAL (Cont'd)</u>							
Radio Set SCR-268	25	898	20	719	5	179	
Facsimile Equipment RC-120	10	1	-	-	10	1	
Telephone Cable Equip. WC 369	(Ft.) 5,000	1	-	-	5,000	1	
Film Dupont Type 228	(Ft.) 131,240	129	-	-	-	-	
Interphone Equipment RC-63	122	1	-	-	122	1	
Ink Recorder, RC-1016	40	3	-	-	25	2	
Tool Equipment TE-41	25	-	-	-	25	-	
Tool Equipment TE-46	15*	1*	-	-	12*	1*	* Revised
Tool Equipment TE-48	722	16	-	-	272	6	
Radio Set SCR-274	350	31	-	-	350	31	
Radio Compass SCR-269-G	1,000	37	-	-	-	-	
Radio Set SCR-518-A	10	1	-	-	10	1	
Radio Set SCR-602	10	20	-	-	5	10	
Radio Set SCR-270-DA	3	-	-	-	-	-	
Radio Set SCR-271-DA	3	-	-	-	-	-	
Telegraph Printer Set EE-97	19*	-	-	-	4	-	* Revised

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Tab A3 - 6 of 10

Item	War Department Offerings		Offerings Made Available				Remarks	
	Quantity	Tonnage	As of 6/30/43	Quantity	Tonnage	Subsequent to 6/30/43		Quantity
<u>SIGNAL (Cont'd)</u>								
Microphones, ANB-M-C1	200	-	-	-	-	-	-	-
Radio Set #48 w/Spare Parts and Batteries	800	60	-	-	-	-	-	-
Total		<u>1,201</u>			<u>719</u>			<u>233</u>
<u>CHEMICAL WARFARE</u>								
Pot, Smoke (HC)	1,000,000	8,500	-	-	718,110	6,103		
Pot, Smoke, Floating HC M4	95,000	<u>2,138</u>	-	-	45,000	<u>1,103</u>		
Total		<u>10,638</u>						<u>7,206</u>
<u>QUARTERMASTER</u>								
Drawers, Wool	823,522	365	540,460	236	2	-		
Undershirts, Wool	707,730	308	637,787	278	2	-		
Undershirts, Cotton, Summer Sleeveless	5,000	1	-	-	-	-		
Jumper, Work Denim	196,000	120	196,000	120	-	-		
Tent, Hospital Ward	2,600	488	-	-	2,600	488		
Trouser, Work Denim	300,000	185	299,897	184	-	-		
Boots, Rubber	13,500	61	-	-	-	-		

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Tab A3 - 7 of 10

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	Subsequent to 6/30/43 Tonnage	Quantity	Tonnage	
<u>QUARTERMASTER (Cont'd)</u>							
Bags, Barracks	3,378	2	-	-	478	-	
Canteen Cups	5,000	2	-	-	1,050	-	
Shovels, Entrenching	2,500	25	-	-	1,000	10	
Belts, Pistol	100,000	36	-	-	100,000	36	
Stoves, Cooking, Gasoline, One Burner, M1941	300	1	-	-	314	1	
Total		<u>1,594</u>		<u>818</u>		<u>535</u>	
<u>TRANSPORTATION</u>							
Loading Beams	8	9	-	-	8	9	
Lifting Device for 2-10-0 Locomotives	16	36	-	-	5	10	
Car, Ry., Dump	500	13,000	-	-	-	-	
Class "B" Spares for 2-8-0 Locomotives	7	255	-	-	7	255	
Total		<u>13,300</u>		<u>≡</u>		<u>274</u>	
<u>ENGINEERS</u>							
Compass, Lensatic	750	1	-	-	750	1	
Cord Detonating (100' Spools)	59,418	297	20,616	103	31,802	159	

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Tab A3 - 8 of 10

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	690	46	460	128	640	
Cutters, Wire	115,000	374	10,000	31	60,000	195	
Dynamo Blasting Machine	50	1	50	1	-	-	
Welder, Electric Arc, 300 amps., Gas Engine Driven, Trailer Mounted	30	38	-	-	-	-	
Fuse, Clover Brand (Ft.)	91,986,163	920	8,016,000	80	49,034,568	490	
Graders	22	132	16	102	6	30	
Road Rollers - 10 Ton	5	57	5	57	-	-	
Level, Engineers Comp. w/Access.	102	5	-	-	100	5	
Mat, Landing, Pierced Plank (Sq. Ft.) Type	3,294,000	8,484	-	-	3,294,750	8,486	
Tape, Measuring Steel	310	1	-	-	300	1	
Cableway, Military Portable	15	600	-	-	15	600	
Cleaning Fluid f/Searchlight (Pt.)	424	1	-	-	424	1	
Compressor	1	177	-	-	1	177	
Fire Extinguishers	100	3	-	-	100	3	
Fiber Sheets, Vulcanized	86,231	51	-	-	86,231	51	Franklin D. Roosevelt Library
Generating Plant	1	195	-	-	1	195	DECLASSIFIED DOD DIR. 5200.9 (9/27/68)

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Tab A3 - 9 of 10

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43	Tonnage	Subsequent to 6/30/43	Tonnage	
<u>ENGINEERS (Cont'd)</u>							
Snow Plows Comp. w/Trucks	9	71	-	-	-	-	
Wire Conductor, Rubber Covered 500' Coil	50	1	-	-	-	-	
Wire Annunciator, 200' Rolls	125	1	-	-	125	1	
Cylinders, Oxygen	840	52	-	-	-	-	
Pipe Lines, Portable, Military Comp. w/Valves & Fittings	2	3,552	-	-	2	3,552	
Hose, Fire w/Couplings (Ft.)	180,000	103	-	-	65,000	37	
Binoculars, Stereo Prism 7 Power, 50mm w/Case M7	20	-	-	-	-	-	
Auxiliaries, Transportation S/L 60" Model 1942	20	5	-	-	-	-	
Searchlight Carbons for Searchlight 60" Model 1942	10,000	3	-	-	-	-	

Note: The Cranes listed below are furnished to the USSR under the schedule of Industrial Equipment in the Third Protocol Schedule.

Crane or Shovel, Class III Crawler Mtd. 3/4 cu. yd., 7-10 Ton	75	1,517	-	-	46	930	
Crane, Class II, Rubber Tire Mtd., 8-12 Ton	59	1,328	-	-	59	1,328	

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Tab A3 - 10 of 10

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>							
Crane, Crawler Mtd., 1st Class 3/8 cu. yd., 3-4 Ton	17	260	-	-	17	260	
Crane, Crawler Mtd., 2nd Class 1/2 cu. yd., 5-6 Ton	27	438	-	-	27	438	
Crane, Class IV, Crawler Mtd., 1-1 1/2 cu. yd., 20-30 Ton	6	194	-	-	-	-	
Crane, Class V, Crawler Mtd., 1 3/4 cu. yd., 30-40 Ton	7	357	-	-	2	102	
Crane, Class XIV, Rubber Tire Mtd., Single Engine, Self- propelled 8-15 Ton	10	350	-	-	5	175	
Crane, Jib, Self-supporting, Revolving pillar type, 7 1/2 Ton	28	288	-	-	18	185	
Crane, Class XI, Rubber Tire Mtd., 8-12 Ton	5	160	-	-	-	-	
Crane, Class XII, Rubber Tire Mtd., 14-18 Ton	2	51	-	-	-	-	
Total		<u>20,758</u>		<u>834</u>		<u>18,042</u>	
GRAND TOTAL		164,559		19,809		122,608	

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TAB A4

REQUISITIONED 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>							
Spare Parts for Trucks (Lots)	21	-*	-	-	-	-*	
Chrysler Tank Gas Engine 5 Line WG	5	-	-	-	5	-	
Twin G.M. Diesel Engine w/Spares & Access.	5	-	-	-	-	-	
S/P for 2nd Year Maintenance f/330 Lt. Tanks M3	1,252,824	-	629,588	-	623,236	-	
S/P for 2nd Year Maintenance f/150 Medium Tanks M4	435,746	-	20,246	-	415,500	-	
S/P for Light and Medium Tanks	6,079	-	6,079	-	-	-	
Switches f/Tank Turrets	400	-	280	-	227	-	
Turrets f/Light Tanks	15	-	15	-	-	-	
Shut-off Valve f/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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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 for Trucks (Set)	600	-	-	-	-	-	
Diesel Engine G.M. (Ea.)	1,500	-	523	-	884	-	
S/P for Dodge Engine (Lots)	20	-	-	-	-	-	
Equip. 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 Antigrahitive (L.T.)	300	330	-	-	300	330	
Engineers Non-Electric Blasting Caps	15,395,000	92	1,935,000	12	11,360,000	67	

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Tab A4 - 3 of 9

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	1,856,000	<u>12</u>	306,000	<u>2</u>	704,000	<u>3</u>	
Total		<u>9,931</u>		<u>3,506</u>		<u>6,405</u>	
<u>SIGNAL EQUIPMENT</u>							
High Frequency Cables (Meters)	2,000	1	2,000	1	-	-	
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	-	-	39,100	22	
Mountings, Form Plate Square	13,315	1	13,315	1	-	-	
Potentiometer	1,500	1	1,500	1	-	-	
Auxiliary & Spare Equipment	17,806	4	9,503	2	1,760	-	
Batteries BA-43	5,000	15	-	-	5,000	15	
Leaded, Insulated Cable (Ft.)	7,000	4	-	-	7,000	4	
Capacitors	17,745	1	1,200	-	16,543	-	
Carbonal Iron f/High Frequency Radio (L.T.)	3	4	-	-	3	4	

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Tab A4 - 4 of 9

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>							
Kits, Fighting Obstruction Pole	20	1	-	-	20	1	
Plants, Electric Gas Type BLA-6	100	6	-	-	100	6	
Spare Parts for SCR-299	5,975	6	50	-	4,999	5	
S/P and Equipment f/Radio Station 50 KW	24,070	243	2,800	26	1,230	42	
Telephone Trans. & 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>153</u>	
<u>CHEMICAL WARFARE</u>							
Strontium Oxalate (lbs.)	128,050	64	-	-	16,000	8	
White Phosphorus (lbs.)	2,192,657	1,046	943,457	472	797,822	399	
Ethylene Chlorohydrin (lbs.)	400,000	200	-	-	400,000	200	
Ammonium Bromide (lbs.)	11,200	6	-	-	11,200	6	
Potassium Permanganate (lbs.)	224,000	112	-	-	168,600	84	
Potassium Bromide (lbs.)	78,400	39	-	-	78,400	39	

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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>CHEMICAL WARFARE (Cont'd)</u>							
Benzyl Chloride	(lbs.)	224,000	112	-	-	224,550	112
Pyrocatechin	(lbs.)	22,400	<u>11</u>	-	<u>-</u>	-	<u>-</u>
Total			<u>1,590</u>		<u>472</u>		<u>848</u>
<u>QUARTERMASTER - CLOTHING &amp; EQUIPAGE</u>							
Leather Belts (a)	(Ea.)	1,451,291	363	101,291	25	930,000	230
Leather Transmission Belting (a)	(Meters)	35,250	190	250	1	-	-
Woolen Blankets	(Ea.)	743,591	1,461	734,510	1,443	5,661	11 Delivery of balance not anticipated.
Rubber Boots	(Prs.)	8,000	1	-	-	-	-
Ski Boots & Ski Bindings	(Prs.)	166,238	831	66,238	331	99,947	500
Buckles, Hooks & Eyes	(Doz.)	6,941,833	10	2,102,240	3	6,776,803	10
Twill	(Yd.)	1,170	-	-	-	-	- Delivery of balance not anticipated.
Twill in Khaki	(Yd.)	13,575,064	3,557	8,931,065	2,302	5,521,157	1,574

(a) 258 tons of leather for leather belts and 74 tons for transmission belting have been charged against the Protocol Commitment of 18,000 tons of leather on Tab A1.

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Tab A4 - 6 of 9

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43	Tonnage	Subsequent to 6/30/43	Tonnage	
<u>QUARTERMASTER - CLOTHING &amp; EQUIPAGE (Cont'd)</u>							
Canton Flannel	(Yd.)	2,347,837(b)	3,076(b)	2,111,961	2,717	247,138(b)	324(b)
Flannelette	(Yd.)	13,628,525	1,869	11,834,315	1,638	1,741,250	228 Delivery of balance not anticipated
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	873,714*	144* * Revised
Sheetings	(Yd.)	9,774,853	1,824	6,056,447	1,130	3,638,652*	691* * Revised
Ticking	(Yd.)	9,809,615	2,891	6,864,406	2,022	2,107,449	632
Pillow Ticking	(Sq. Yd.)	2,000,000	589	437,373	129	1,524,556	457
Toweling	(Yd.)	11,132,464	3,007	10,806,648	2,919	303,202	82
Oilskin Material	(Yd.)	1,000,000	393	124,041	49	882,020	353
Shoe Eyelets	(Gross)	4,367,667	2,358	1,246,833	674	3,000,000	1,639
Rubber Heels	(Pr.)	701,594	379	298,406	162	701,444*	388* *Revised
Leather Jackets	(Ea.)	73,850	428	48,200	279	25,650	151
Arctic Suits	(Ea.)	136,235	823	36,235	219	85,607	526
Work Suits	(Ea.)	300,000	471	188,801	297	103,590	166
Cotton Underwear	(Pr.)	2,000,000	1,100	1,499,887	772	504,325*	388* * Revised

(b) Revised. The Russians have cutback 4,280,000 yards of Canton Flannel on requisition 11,713 to equal the tonnage procurement of 6,800 Paulins to be procured on requisition 12048.

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Tab A4 - 7 of 9

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 &amp; EQUIPAGE (Cont'd)</u>							
Alpaca Cloth	(Yd.)	834,539	1,160	334,539	460	500,093	700
Blue Denim	(Yd.)	5,887,735	1,562	5,881,327	1,560	6,408	2
Duck Cloth	(Yd.)	2,695	390	2,695	390	-	-
Lining Cloth	(Yd.)	10,879	2	10,858	2	-	-
Grayfall Moleskin	(Yd.)	2,209,885	716	2,209,885	716	-	-
Carrier Outfit, Belt w/Magazine Case		250,000	110	55,458	24	194,297	87
Hypoid Gear Oil	(L.T.)	243	268	243	268	-	-
Hypoid Gear Oil	(Drums)	9,543	516	-	-	7,248	391
Tuebrack's Extract	(L.T.)	14	16	-	-	14	16
Shoe Tacks	(L.T.)	226	252	26	29	171	204
Sewing Thread	(Spools)	47,160,000	1,085	731,100	16	25,578,827	588
Shoe Thread	(L.T.)	256	263	24	26	170	191
Shoe Yarn	(L.T.)	200	220	13	14	188	211
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	-	-

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Tab A4 - 9 of 9

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43	Subsequent to 6/30/43	Quantity	Tonnage	
<u>ENGINEERS (Cont'd)</u>							
Sidebooms	16	119	-	-	16	119	
Cranes	28	277	-	-	24	234	
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	39	51	39	51	-	-	
Fire Hose (Ft.)	180,000	<u>176</u>	180,000	<u>176</u>	-	-	
Total		<u>1,739</u>		<u>855</u>		<u>841</u>	
GRAND TOTAL		52,624		28,517		20,171	

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SUMMARY OF TABULATION "B"

The attached tabulation reflects the status of factory deliveries and export of aircraft on the Third Russian Protocol. The total Protocol commitment at the end of the Third Quarter has been more than 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 31 MARCH 1944

Type	Protocol Requirement to Date	Available at Factory	Departed from U.S.A.				Still in U.S.A.	
			By Air North	By Air South	By Water Persian Gulf	By Water Murmansk		
<u>U. S. Account</u>								
Medium Bombers	B-25	225	250	222			28 (a)	
Light Bombers	A-20	905	987	583	288		116 (b)	
Fighters	P-40	700	720			400	299	21 (c)
	P-39	(1,000	1,040	446		499		95 (c)
	P-63	(	3				3	
	P-47	103	103	3		63	5	32 (c)
Transports	C-47	<u>180</u>	<u>198</u>	<u>185</u>	—	—	—	<u>13</u> (a)
Total U. S. Account		3,113	3,301	1,439	288	962	307	305
<u>U. K. Account</u>								
Fighters	P-39	1,300	1,343	962		266		115 (c)

- (a) Enroute to or at point of departure.
- (b) 107 are at or enroute to point of departure, 9 are washouts.
- (c) Of the 263 fighters still in U.S.A., 246 are enroute to or at point of departure, 2 are damaged and 15 are washouts.

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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 the U.S.S.R.

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STATUS OF PROJECTS IN PERSIAN AREA AS OF 25 MARCH 1944

	<u>Number Received in Persian Gulf to Date</u>	<u>Number Delivered to U.S.S.R. to Date</u>			
Trucks	99,150	93,320			
Airplanes:					
A-20	1,268	1,243			
B-25	124	124			
P-40	876	867			
P-39	1,520	1,415			
AT-6	<u>21</u>	<u>20</u>			
Total	3,809	3,669			
	<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 February to 25 March 1944.	99,595	23,468	48,691	15,623	187,377

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TREASURY DEPARTMENT - U. S. S. R.  
MATERIALS AVAILABLE FROM STORAGE AND PRODUCTION DURING APRIL, 1944

COMMODITY	STORAGE APRIL 1, 1944	PRODUCTION DURING APRIL	TOTAL AVAILABLE	PRIORITY CARGOES TO PORT AREAS SPECIFIED TO DATE FOR APRIL
AGRICULTURAL MACHINERY AND IMPLEMENTS		31	31	
ALUMINUM	5,437	3,006	8,443	4,480
AUTOMOTIVE EQUIPMENT AND PARTS	2,670	3	2,673	
BEARINGS	743	361	1,104	336
BRASS AND BRONZE	21,518	2,810	24,328	8,120
CHEMICALS	19,703	2,507	22,210	2,363
CLOTHING AND TEXTILES		231	231	118
CONSTRUCTION MACHINERY		3,349	3,349	
COPPER IN VARIOUS FORMS	39,635	4,250	43,885	12,880
FERRO-ALLOYS	544	996	1,540	1,400
GRAPHITE PRODUCTS	2,814	650	3,464	
HAND AND CUTTING TOOLS		1,387	1,387	
INDUSTRIAL MACHINERY	85,682	23,177	108,859	12,376*
LEAD AND LEAD ALLOYS	1	1	2	
MEDICAL SUPPLIES		13	13	
NICKEL AND NICKEL PRODUCTS	840	147	987	392
NON-FERROUS METALS, OTHER	573	107	680	680
PAPER AND PAPER PRODUCTS	2,219	216	2,435	336
PLASTICS	4,638		4,638	
RUBBER	3,893	2,718	6,611	3,136
STEEL, ALLOY AND SPECIAL	42,773	31,598	74,371	9,072
STEEL, CARBON	67,605	19,133	86,738	1,680
STEEL, PIPE AND TUBING	53,906	6,595	60,501	7,594
STEEL, RAILS	10,964		10,964	9,296
TIN PLATE	17,749	10,257	28,006	8,400
ZINC	78		78	
TOTAL	383,985	113,543	497,528	82,659

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\*In addition, all available tonnage applicable to the Oil Refinery Program is classed as priority cargo for prompt shipment to ports.

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My dear Mr. President:

APR 10 1944

There is attached a report of Lend-Lease purchases made by the Treasury Procurement Division for the Soviet government indicating the availability of cargo for April.

The inventory of material in storage as of April 1, 1944 was 383,985 tons or 3,743 tons more than the March 1st inventory. Production scheduled for April shows an increase of 48,036 tons as compared with March.

Yours sincerely,

(signed) H. Morgenthau, Jr.

The President

The White House

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TREASURY DEPARTMENT - U. S. S. R.

MATERIALS AVAILABLE FROM STORAGE AND PRODUCTION DURING APRIL, 1944

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<u>COMMODITY</u>	<u>STORAGE APRIL 1, 1944</u>	<u>PRODUCTION DURING APRIL</u>	<u>TOTAL AVAILABLE</u>	<u>PRIORITY CARGOES TO PORT AREAS SPECIFIED TO DATE FOR APRIL</u>
AGRICULTURAL MACHINERY AND IMPLEMENTS		31	31	
ALUMINUM	5,437	3,006	8,443	4,480
AUTOMOTIVE EQUIPMENT AND PARTS	2,670	3	2,673	
BEARINGS	743	361	1,104	336
BRASS AND BRONZE	21,518	2,810	24,328	8,120
CHEMICALS	19,703	2,507	22,210	2,363
CLOTHING AND TEXTILES		231	231	118
CONSTRUCTION MACHINERY		3,349	3,349	
COPPER IN VARIOUS FORMS	39,635	4,250	43,885	12,880
FERRO-ALLOYS	544	996	1,540	1,400
GRAPHITE PRODUCTS	2,814	650	3,464	
HAND AND CUTTING TOOLS		1,387	1,387	
INDUSTRIAL MACHINERY	85,682	23,177	108,859	12,376*
LEAD AND LEAD ALLOYS	1	1	2	
MEDICAL SUPPLIES		13	13	
NICKEL AND NICKEL PRODUCTS	840	147	987	392
NON-FERROUS METALS, OTHER	573	107	680	680
PAPER AND PAPER PRODUCTS	2,219	216	2,435	336
PLASTICS	4,638		4,638	
RUBBER	3,893	2,718	6,611	3,136
STEEL, ALLOY AND SPECIAL	42,773	31,598	74,371	9,072
STEEL, CARBON	67,605	19,133	86,738	1,680
STEEL, PIPE AND TUBING	53,906	6,595	60,501	7,594
STEEL, RAILS	10,964		10,964	9,296
TIN PLATE	17,749	10,257	28,006	8,400
ZINC	78		78	
<b>TOTAL</b>	<b>383,985</b>	<b>113,543</b>	<b>497,528</b>	<b>82,659</b>

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\*In addition, all available tonnage applicable to the Oil Refinery Program is classed as priority cargo for prompt shipment to ports.

*Miss Tully  
file*

*PSF*

THE SECRETARY OF THE NAVY  
WASHINGTON

*C. F.*  
*Lend Lease*

(SC)L11-7/EF 61  
Serial 0130312

10 APR 1944

~~CONFIDENTIAL~~  
~~SECRET~~

||

Dear Mr. President:

In accordance with your memorandum of 2 October 1942, there is enclosed herewith a report as of 1 April 1944, 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 under the provisions of the Third Protocol
- (b) Non-protocol items

Respectfully submitted,

*Frank Knox*  
x18

The President  
The White House

x4193  
x220

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DDO DIR. 5200.9 (9/27/68)

Date- JAN 25 1972  
Signature- *RAH*

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 '42 MAR. '44	DELIVERY SCHEDULE FOR APR. 1944	DELIVERY SCHEDULE FOR MAY 1944	DELIVERY SCHEDULE FOR JUNE 1944	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
MARINE DIESEL ENGINES (170-1100 H.P)	248	0	188	30	30	0	0	
MARINE DIESEL GENERATORS	1,310	2	735	156	242	177	0	
MECHANICAL AND ELECTRICAL EQUIPMENT FOR TUGS	3 Sets	0	3 Sets	0	0	0	0	
ELECTRIC MOTORS	1,220	0	1,220	0	0	0	0	

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 APRIL 1944	DELIVERY SCHEDULE FOR MAY 1944	DELIVERY SCHEDULE FOR JUNE 1944	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
SCRIPPS ENGINES	66	0	24	24	18	0	
RADIO BEACONS	5	0	0	0	0	5	UNSCHEDULED
AUXILIARY EQUIPMENT FOR SHIPS	10 Sets	10 Sets	0	0	0	0	
TOWING WINCHES (220 volts)	10	10	0	0	0	0	
MARINE DIESEL ENGINES (1100-1600 HP)	50	0	0	0	0	50	INDEFINITE
MARINE DIESEL ENGINES (170-1100 HP)	274	28	5	3	40	198	UNSCHEDULED
MARINE DIESEL ENGINES (30-100 HP)	273	173	40	60	0	0	
MARINE DIESEL GENERATORS	784	135	46	75	77	451	UNSCHEDULED
MARINE PUMPS	599	235	80	185	99	0	
SHORE RADIO STATIONS	3	PARTIAL	PARTIAL	PARTIAL	PARTIAL	PARTIAL	JULY-AUG-SEPT. 1944
3"/50 D.P. EQUIPMENTS	200	122	9	69	0	0	
3"/50 CALIBER LOADING MACHINES MK 7, MOD. 1	66	41	12	13	0	0	
20 MM AA GUNS-COMLETE	500	218	50	50	50	132	JULY-AUG-SEPT. 1944
ROUNDS 20 MM AA AMMUNITION	2,500,000	750,060	100,000	100,000	100,000	1,449,940	UNSCHEDULED
50 CALIBER TWIN MOUNTS	900	50	200	150	150	350	UNSCHEDULED
50 CALIBER AA MACHINE GUNS	1,800	100	400	300	300	700	UNSCHEDULED
3"/50 AMMUNITION	200,320	101,932	0	0	0	98,388	UNSCHEDULED
PETROLEUM PRODUCTS (SHORT TONS)	591,187	157,008	79,520	79,520	79,520	195,619	JULY-AUGUST 1944

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 MARCH 1942	DELIVERY	DELIVERY	DELIVERY	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
				SCHEDULE FOR APR. 1944	SCHEDULE FOR MAY 1944	SCHEDULE FOR JUNE 1944		
MARINE DIESEL ENGINES (75-170 H.P.)	947	0	204	58	45	45	595	UNSCHEDULED
MARINE DIESEL ENGINES (BELOW 75 H.P.)	572	0	32	0	50	50	440	UNSCHEDULED
MARINE GASOLINE ENGINES	2,432	0	1,246	220	150	50	766	UNSCHEDULED
MARINE PUMPS	451	0	0	0	0	0	451	UNSCHEDULED
RADIO RECEIVERS	428	0	103	0	0	0	325	UNSCHEDULED
STORAGE BATTERIES FOR SUBMARINES	10	0	7	0	0	1	2	JULY - 1944
KNOCKED DOWN MOTOR TORPEDO BOATS	100	0	0	0	0	20	80	UNSCHEDULED
WOODEN SUBMARINE CHASERS	108	0	82	3	4	3	16	JULY - SEPT. 1944
WOODEN MOTOR TORPEDO BOATS	58	0	37	10	11	0	0	
TWIN SCREW TUG BOATS	15	0	0	0	0	2	13	JULY - DEC. 1944
OUTBOARD MOTORS	850	0	550	300	0	0	0	
DIVING STATIONS	83	0	20	63	0	0	0	
LANTERNS AND FLASHERS	946	0	946	0	0	0	0	
FORGINGS FOR PROPELLER SHAFTS AND COUPLINGS	3	0	2	1	0	0	0	
AIR VALVES	194	0	180	0	0	14	0	
CENTRIFUGAL FANS	47	0	0	0	0	0	47	JULY - 1944
BUOYS	100	0	100	0	0	0	0	
ACETYLENE GAS ACCUMULATORS	700	0	700	0	0	0	0	
DIVING COMPRESSORS	3	0	0	0	0	0	3	UNSCHEDULED
SHORE DIRECTION FINDERS	18	0	18	0	0	0	0	
POTASSIUM TETRAOXIDE	1,120,000 lbs.	0	834,110	0	0	0	285,890	UNSCHEDULED
ELECTRIC MOTORS	737	0	0	20	12	60	645	UNSCHEDULED
RADIO BEACONS	10	0	0	0	0	0	10	UNSCHEDULED
AIR COMPRESSORS	63	0	3	0	0	0	60	UNSCHEDULED
TOWING WINCHES	20	0	10	2	4	4	0	
ELECTRICAL TACHOMETERS	279	201	0	0	0	0	78	UNSCHEDULED
ELECTRIC ARC OXYGEN APPARATUS	60	0	PARTIAL	PARTIAL	COMPLETE	0	0	

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 MAR 1942	DELIVERY SCHEDULE FOR APR. 1944	DELIVERY SCHEDULE FOR MAY 1944	DELIVERY SCHEDULE FOR JUNE 1944	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
DIESEL ELECTRIC DRIVE SETS	6	0	1	1	1	1	2	UNSCHEDULED
MARINE TELEPHONES	12	0	0	12	0	0	0	
SEXTANTS	6	0	0	0	6	0	0	
ROUNDS 20 MM AA AMMUNITION	8,000,000	0	7,840,560	159,440	0	0	0	
5"/38 CALIBER SINGLE LOADING MACHINE MK 14, MOD. 4 AND SPARE PARTS	64	0	62	0	2	0	0	
3"/50 CALIBER LOADING MACHINES, MK 7, MOD. 1	100	0	81	0	19	0	0	
3"/50 AMMUNITION	300,000	0	300,120	380	0	0	0	
TORPEDO TUBE TESTING SETS MK. 2	5	0	0	0	0	0	5	JULY - 1944
SERVICE AMMUNITION FOR PROJECTOR, MK 10	10,000	0	5,000	2,500	2,500	0	0	
SERVICE AMMUNITION FOR PROJECTOR, MK 20	5,000	0	2,500	1,250	1,250	0	0	

Miss Tully  
to file

FOREIGN ECONOMIC ADMINISTRATION  
WASHINGTON 25, D. C.

~~SECRET~~ //

PSF  
L. F.  
Lend Lease

April 10, 1944

MEMORANDUM

TO: The President  
FROM: Leo T. Crowley *x5490*  
SUBJECT: Soviet Supply Program *x220*

In accordance with your directive of October 2, 1942, to Mr. E. R. Stettinius, Jr., to the effect that you be advised monthly of the status of the Soviet Supply Program, I have prepared the attached brief statement of the major current factors as of today.

The regular monthly statistical report on the entire program for the period ended March 31, 1944, will follow in due course as soon as the information has been gathered and correlated.

*Leo T. Crowley*

*x4193*

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State Dept. Letter  
By H. H. Fuchs Date FEB 2 1972

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By H. H. Fuchs Date FEB 2 1972

**SECRET**

April 10, 1944

SOVIET SUPPLY PROGRAM

I. Shipping

March was the second poor shipping month of the winter season. Tonnage exported totalled 366,800 long tons, as opposed to 363,000 long tons in February and 610,000 long tons in January.

The continuing low rate of shipments was due to two primary reasons: the tapering off of departures for North Russian ports and ice conditions and storms on the Pacific.

April shipping plans call for exports totalling 377,000 long tons. It is expected that increased loadings from the West Coast will be possible with the melting of the ice in the Far East. The route will not be restored to full capacity, however, since vessels which were held by the ice on their westward voyages will not be able to discharge and return to the United States until May.

The route to North Russian ports will not be used in April under present plans, due to convoy problems. The Persian Gulf route will be operated nearly at full capacity, however.

In spite of reduced shipments since February 1, 1944, the program continues at a rate in advance of Protocol requirements. The policy of keeping routes full has been followed to date, in accordance with your directive of February 14, 1944.

Allocations of vessels for loading in May for the Persian Gulf route indicate that it will not be possible to keep the route filled in accordance with your directive of February 14, 1944, unless steps are taken promptly to provide a minimum of twenty-five vessels to carry 200,000 tons of cargo for the U.S.S.R., to be loaded during May. Present indications are that only sixteen to eighteen vessels will be allocated for this purpose. Mention may also be made of the oil refinery project at Bahrein and in Saudi Arabia, inasmuch as the equipment for these projects is customarily shipped at the expense of U.S.S.R. cargo.

II. The Character of the Cargo

Once again foodstuffs were placed on high priority and accounted for thirty-five percent of the total tonnage shipped. Due

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State Dept. Letter

By R. H. Parks Date FEB

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to the reduced shipping program, the total foodstuffs amounted to 139,076 short tons. This figure is about the same as that of February, but is considerably short of the January total.

Truck shipments increased to 10,006 units while other vehicles totalled 2,569 units. Together these vehicles amounted to fourteen percent of the total tonnage shipped and constituted an increase of four percent over the vehicle tonnage shipped in February.

Steel shipments totalled 37,686 short tons, or fifteen percent of the total tonnage shipped. Industrial equipment moved at a low rate, being only 24,300 short tons. Under anticipated shipping rates for future months stocks of industrial equipment are expected to be sufficient at the end of the Third Protocol to meet requirements for from nine to ten months.

### III. Airplanes

Although aircraft have flowed steadily from factories at the monthly Third Protocol rate of 495, weather conditions, modification requirements and shipping delays have affected materially the flow of planes from the North American continent. Some of the backlog was cleared up by the departure of 631 aircraft from North America during March, the largest quantity departed in any month since the beginning of the program and 59 more than the second largest month of July, 1943.

Of the 631 planes delivered during the month, 312 were shipped by water to the Persian Gulf for assembly at Abadan; 3 were shipped to North Russia by water; 28 light bombers were ferried to Abadan and 288 planes departed from Fairbanks over the Alaskan-Siberian ferry route.

Of the total, 409 planes were for United States account and 222 P-39 fighters were for the account of the United Kingdom.

### IV. Fourth Protocol

Requirements have not yet been received for the Fourth Protocol. Production cycles are long on certain manufactured articles and assurance that requirements can be met when they are received is increasingly difficult to give as requirements are delayed.

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- 3 -

To meet the situation which has developed and to provide goods of the major types which may be expected in the Fourth Protocol, the Protocol Subcommittee on Supplies at its meeting of March 31, 1944, authorized a transitional program. Items in this program are scheduled at rates believed reasonable in the light of experience during the Third Protocol and will be delivered during the months immediately following the end of the Third Protocol period.

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By R. H. Parks Date FEB 2 1972

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Despite the small shipments in February and March, clearances for the first nine months of the Third Protocol stood at 938,950 long tons in excess of the target for those months. Since shipments during the last three months should be at a considerably higher level, there can be no doubt that the full Protocol target will be exceeded by a substantial margin.

The forecast (including Abadan petroleum) is as follows:

April	378,000 long tons
May	440,000 long tons

## II

The last ships intended for this season's Northern convoys sailed from New York in HX-282 on March 6. As finally constituted this group totalled 16 ships carrying 110,077 long tons. (Exhibit A) Included in the cargo were 27 locomotives.

These vessels were intended for Convoy JW-58, the largest convoy of the year. The final complement of this convoy was as follows:

W.S.A. dry cargo ship carried over from JW-56 account weather damage	1
W.S.A. dry cargo ships carried over from JW-57 account repairs	2
W.S.A. dry cargo ships loaded in U.K. with cargo ex 2 ships intended for JW-57 grounded in U.K.	2
W.S.A. dry cargo ships ex U.S.A. in February for JW-58	13
W.S.A. dry cargo ships ex U.S.A. in March for JW-58	16
W.S.A. dry cargo ships loaded in U.K. with U.S. Army cargo	5
B.M.W.T. dry cargo ships	6
B.M.W.T. gasoline tankers	2
B.M.W.T. fleet oiler	1
Rescue ship	1
Total	<u>49</u>

Convoy JW-58 sailed from Loch Ewe on March 27 and arrived safely at Kola Inlet on April 4. Ten ships have proceeded to the White Sea, where the winter has continued mild.

Heavy weather and marine accidents prevented an additional six ships from departing in this convoy. (Exhibit B) Three ships which sailed from their loading ports in February and one which sailed in March were forced to return. After removal of unsuitable cargo these ships will be dispatched to the Persian Gulf.<sup>1/</sup> A fifth ship grounded in Scottish waters, and her cargo will be forwarded to the Persian Gulf in another W.S.A. ship. A sixth vessel encountered ice damage off Iceland and will proceed to the Persian Gulf via the United Kingdom after removal and replacement of unsuitable cargo.

In accordance with Admiral Leahy's memorandum of February 10, instructions have been dispatched to deliver two liberty ships to the Soviet Government for temporary use pending the delivery of 20,000 long tons of Italian merchant shipping to the U.S.S.R. The first ship, the John Langdon, was delivered at Murmansk on April 5. The second vessel will be selected from among those arriving in JW-58.

### III

Sailings to the Persian Gulf in March amounted to 21 Soviet-Aid ships, 2 P.G.S.C. ships, and 1 Bahrein ship carrying together 150,479 long tons for the U.S.S.R., 12,719 long tons for the P.G.S.C., and 10,261 long tons for Bahrein. (Exhibit C) As indicated in our February report, a number of intended sailings in early March were diverted to the Murmansk route, thus reducing the total below normal.

Beginning in March the policy was adopted, with the consent of the Soviets, of lifting full cargoes of refined sugar at Havana. Three such

<sup>1/</sup> The tonnage carried in these four ships has been deducted from the tonnage reported for the respective months. The cargo carried will be scored again on departure for the Persian Gulf.

sailings were made in March. In order to reduce the load on the rail-ways it was also agreed to load cargoes of flour in the Galveston-Houston area. Two such ships sailed in March.

One P.G.S.C. ship was heavily damaged on April 1 by enemy aircraft near Algiers, and was eventually beached.

Terminal conditions in the Persian Gulf continue to be excellent. Cargo discharged during March amounted to 166,000 long tons for the U.S.S.R. Deliveries to the U.S.S.R., including Abadan gasoline, totalled 217,000 long tons. The present ten-day turnaround of ships in this area is one of the bright features of the world shipping picture.

The forecasts for Soviet Aid liftings are as follows:

April	27 ships carrying 210,000 long tons (Exhibit D)
May	26 ships carrying 190,000 long tons

#### IV

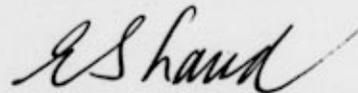
As previously mentioned, the ice on the Siberian side has seriously interfered with operations in the Pacific. Not until late March was there evidence of a large-scale movement through the ice area. Sailings from the West Coast therefore consisted largely of ships which had passed through the ice area eastbound prior to its freezing, or which were able to discharge at Petropavlovsk and return for new cargoes, or which had been under repair on the West Coast. Including Vancouver, B. C. sailings, which count against the Protocol, they totalled 18 ships carrying 91,350 long tons. (Exhibit E)

In consequence there developed in the ports of the Northwest a serious dearth of activity, which produced much uneasiness among longshoremen and

port interests, and has led to some diminution in the labor supply. Between March 15 and April 3, 35 Soviet vessels were, however, reported to have sailed from Soviet Far East ports. Some of these ships will require repairs, but as an offset a considerable number of other ships will be coming out of repair. Sailings in April are therefore expected to rise to about 26 ships carrying 150,000 long tons. May should be a much more active month with sailings probably reaching 230,000 long tons. By then port activity should be at a high level.

In order to reduce the load on the over-burdened West Coast repair facilities and prevent a slowing up of the Soviet-Aid program due to the necessity of repairing extensively a number of old Soviet lend-lease ships, the substitution of tonnage mentioned in our February report is taking place. (Exhibit F) We are to have redelivered to us nine old dry cargo ships in exchange for six liberty ships of approximately equal cargo capacity. Three of the liberties are to be delivered in April and three in May. We are also planning to substitute two modern tankers for three smaller old lend-lease tankers. The first modern tanker, the Daylight, is expected to be delivered shortly.

Respectfully submitted,



E. S. Land  
Administrator x4772

(Exhibit A)

MUFMANSK AND WHITE SEA SAILINGS — MARCH, 1944

W.S.A. Dry Cargo Ships Intended for JW-58

<u>Ship</u>	<u>D.W.T.</u>	<u>Cubic</u>	<u>Long Tons</u> <u>of Cargo</u>	<u>Sailed</u> <u>on</u>	<u>From</u>
<u>Departures in HX-282</u>					
1. James Smith	10,500	500,245	6,971	3/3	Phila.
2. Park Holland	10,500	500,245	6,803	3/3	Phila.
3. Pierre S. Dupont	10,500	500,245	6,817	3/2	Phila.
4. Gilbert Stuart	10,500	500,245	7,207	3/4	N.Y.
5. Benjamin Schlesinger	10,500	500,245	6,693	3/1	Phila.
6. Morris Hillquitt	10,500	500,245	7,245	3/2	Phila.
7. George Gale	10,500	500,245	6,897	3/5	N.Y.
8. Arunah S. Abell	10,500	500,245	7,336	3/4	N.Y.
9. Barbara Frietchie	10,500	500,245	7,061	3/4	N.Y.
10. Nicholas Biddle	10,500	500,245	6,637	3/5	N.Y.
11. Joshua Thomas	10,500	500,245	6,860	3/4	N.Y.
12. Andrew Carnegie	10,500	500,245	7,130	3/5	N.Y.
13. William D. Byron	10,500	500,245	6,592	3/3	N.Y.
14. Joyce Kilmer	10,500	500,245	6,691	3/4	N.Y.
15. William Pepper	10,500	500,245	6,185	3/5	N.Y.
16. John Carver	10,500	500,245	6,952	3/5	N.Y.
Total	168,000	8,003,920	110,077		

This tonnage has been deducted from the February total. The revised total for February sailings to North Russia is 120,077 long tons.

(Exhibit B)

VESSELS DIVERTED FROM JW-58

<u>Ship</u>	<u>Long Tons of Cargo Loaded for North Russia</u>	<u>Cause of Diversion</u>
	<u>Returned to U.S.A.</u>	
<u>From February Departures</u>		
1. Arthur L. Perry	7,464	Weather damage
2. James M. Gillis	7,414	Heavy weather, salty boilers
3. Horace Bushnell	<u>7,202</u>	Weather damage
Subtotal	22,080 <sup>1/</sup>	
<u>From March Departures</u>		
4. Ben F. Dixon	<u>7,462</u>	Lost convoy in fog
Total returned to U.S.A.	29,542	
	<u>Returned to U.K.</u>	
5. Park Holland	6,803	Ran aground off Scotland
6. Eloy Alfaro	<u>7,508</u>	Ice damage off Iceland
Total returned to U.K.	14,311	
Grand total	43,853	

<sup>1/</sup> This tonnage has been deducted from the February total. The revised total for February sailings to North Russia is 126,979 long tons.

(Exhibit C)

PERSIAN GULF SAILINGS — MARCH, 1944

<u>Ship</u>	<u>D.W.T.</u>	<u>Cubic</u>	<u>U.S.S.R. Cargo Loaded</u>	<u>Sailed on</u>	<u>From</u>
<u>SOVIET AID SHIPS</u>					
<u>Departures in UGS-36</u>					
1. Thomas Donaldson	10,500	500,245	7,512	3/9	Phila.
2. George H. Pendleton	10,500	500,245	3,226 <sup>2/</sup>	3/12	Phila.
3. Nathan Clifford	10,500	500,245	7,878	3/11	Phila.
4. Thomas Heyward	10,500	500,245	7,335	3/10	Phila.
5. Jubal A. Early	10,500	500,245	5,431	3/12	N.Y.
6. Silas Weir Mitchell	10,500	500,245	5,815	3/12	N.Y.
7. Leo J. Duster	10,500	500,245	5,716	3/12	N.Y.
8. K. I. Luckenbach	11,552	565,000	8,092	3/8	Havana
Part Cargo			371	3/8	Phila.
<u>Departures in UGS-37</u>					
9. Lewis Emery Jr.	10,500	500,245	7,431	3/22	Phila.
10. Benjamin Chew	10,500	500,245	7,728	3/17	Phila.
11. Waigstill Avery	10,500	480,000	6,742	3/19	Phila.
12. Meyer London	10,500	500,245	7,423	3/20	Phila.
13. Jose Marti	10,500	500,245	7,780	3/21	N.Y.
14. Louis A. Sengteller	10,500	500,245	6,398	3/22	N.Y.
15. Thomas G. Masaryk	10,500	500,245	6,509	3/21	N.Y.
16. Susan V. Luckenbach	11,020	487,000	8,992	3/8	Havana
<u>Departures in UGS-38</u>					
17. Dorothy Luckenbach	11,953	592,000	8,993	3/19	Havana
18. Robert Ellis Lewis	10,500	500,245	7,263	3/31	Phila.
19. Robert Newell	10,500	480,000	7,822	3/29	Phila.
Note: Also departing in UGS-38 were three ships which sailed from their loading ports in April					
<u>Departures in UGS-39</u>					
20. Anna H. Branch	10,500	500,245	7,994	3/25	Galveston
21. John Gibbon	10,500	500,245	8,028	3/30	Galveston
Total	223,525	10,607,920	150,479		

(Exhibit C) continued

PERSIAN GULF SAILINGS — MARCH, 1944

<u>Ship</u>	<u>D.W.T.</u>	<u>Cubic</u>	<u>P.G.S.C. Cargo Loaded</u>	<u>Sailed on</u>	<u>From</u>
P.G.S.C. ALLOCATIONS					
<u>Departure in UGS-36</u>					
22. Jared Ingersoll	10,500	500,245	7,692	3/10	Charleston
<u>Departure in UGS-38</u>					
23. Stephen F. Austin	10,500	500,245	5,027	3/24	Charleston
Total	21,000	1,000,490	12,719		
BAHREIN ALLOCATION					
<u>Bahrein Cargo</u>					
24. George Chamberlain	10,500	480,000	7,000	3/31	Phila.
Part Cargo <sup>2/</sup>			3,261		
Total	10,500	480,000	10,261		
Grand total	255,025	12,098,410	173,459		

1/ This cargo was loaded on the SS Kronprinsessen, a Norwegian vessel carrying British-Aid cargo to the Persian Gulf.

2/ The George H. Pendleton also carried 3,261 long tons of cargo for the Bahrein Petroleum Project.

\* Diverted from Convoy 24-52

(Exhibit D)

EXPECTED SAILINGS TO PERSIAN GULF — APRIL, 1944

<u>Ship</u>	<u>D.W.T.</u>	<u>Cubic</u>	<u>Presentation Date</u>	<u>At</u>
<u>To Depart in UGS-38</u>				
1. U.S.O.	10,500	500,245	3/23	N.Y.
2. Robert Battey	10,500	500,245	3/18	N.Y.
3. Willie Jones	10,500	500,245	3/21	N.Y.
<u>To Depart in UGS-39</u>				
4. Phineas Banning	10,500	500,245	3/22	N.Y.
5. Walter L. Fleming	10,500	500,245	3/23	N.Y.
6. John Fitch	10,500	500,245	3/21	N.Y.
7. Philip P. Barbour	10,500	500,245	3/27	Phila.
8. William Hawkins	10,500	500,245	3/27	Phila.
9. William Whipple	10,500	500,245	4/1	Phila.
10. Ralph Izard	10,500	480,000	3/29	Phila.
11. Thomas L. Clingman	10,500	500,245	3/31	N.Y.
12. Rebecca Boone	10,500	500,245	3/20	N.Y.
13. Horace Bushnell*	10,500	500,245	4/4	N.Y.
<u>To Depart in UGS-40</u>				
14. Albino Perez	10,500	500,245	4/8	Phila.
15. William Patterson	10,500	480,000	4/10	Phila.
16. William W. Mayo	10,500	500,245	4/11	Phila.
17. John F. Meyers	10,500	500,245	4/11	Phila.
18. William Aspinwall	10,500	500,245	4/10	Phila.
19. James J. Pettigrew	10,500	500,245	4/10	Phila.
20. Clement Clay	10,500	500,245	4/9	N.Y.
21. Henry Bacon	10,500	500,245	4/13	N.Y.
22. William Coddington	10,500	500,245	4/12	N.Y.
23. Thomas Nuttall	10,500	500,245	4/7	N.Y.
24. Isaac Van Zandt	10,500	500,245	4/2	Galveston
25. James M. Gillis*	10,500	500,245	4/12	N.Y.
26. Arthur L. Perry*	10,500	500,245	4/12	N.Y.
27. Robert Luckenbach	<u>11,146</u>	<u>577,000</u>	4/12	N.Y.
Total	284,146	13,542,880		

\* Diverted from Convoy JW-58

(Exhibit E)

SAILINGS AND CARGO FOR THE SOVIET FAR EAST  
MARCH, 1944

<u>Ship</u>	<u>Ex U.S. Ship</u>	<u>D.W.T.</u>	<u>Long Tons of Cargo</u>	<u>Date Sailed</u>
<u>Dry Cargo Ships</u>				
<u>From Columbia River</u>				
1. Stalinobad	Willis C. Hawley	10,791	8,627	3/2
2. Inya		2,250	1,484	3/7
3. Dalstroï		11,630	9,019	3/9
4. Nevastroï		7,670	4,282	3/11
5. Iskra		3,800	2,550	3/14
6. Alexander Nevski	H. M. Corbett	10,791	8,979	3/19
7. Uritski		3,600	2,425	3/22
8. Ashkhabad	Admiral Cole	5,400	3,772	3/27
9. Pskov	George L. Shoup	<u>10,791</u>	<u>8,619</u>	3/29
Total		66,723	49,757	
<u>From Puget Sound</u>				
10. Voikov	Samuel T. Langley	11,150	8,554	3/1
11. Tunets		2,580	1,894	3/2
12. Volkhov		3,200	2,527	3/11
13. Kuznetskstroï		<u>4,000</u>	<u>3,143</u>	3/14
Total		20,930	16,118	
<u>From Vancouver</u>				
14. Mironych		3,070	2,245	3/8
15. Vishera	Oduna	5,100	3,856	3/13
16. Brevan	Joseph Watt	<u>10,791</u>	<u>9,006</u>	3/27
Total		18,961	15,107	
Grand total, Dry cargo		106,614	80,982	
<u>Tankers</u>				
<u>From San Francisco</u>				
17. Maikop	Thos. H. Gallaudet	10,500	8,860	3/10
18. Nenets		<u>1,845</u>	<u>1,508</u>	
Total, Tankers		12,345	10,368	
Grand total, All ships		118,959	91,350	

(Exhibit F)

SUBSTITUTION OF TONNAGE IN THE SOVIET FAR EAST TRADE

1. Dry Cargo Ships to be Delivered to the U.S.A. by the U.S.S.R.

<u>Soviet Name</u>	<u>Ex U.S. Name</u>	<u>D.W.T.</u>	<u>Built</u>
Sukhona	Nebraskan	11,992	1912
Ingul	Pacific Oak	8,570	1919
Kamenets Podolsk	Vermar	8,600	1919
Stalingrad	Jane Christensen	8,600	1918
Yan Tomp	Nevadan	9,950	1912
Rodina	Coast Banker	5,400	1919
Vishera	Oduna	5,100	1920
Vostok	West Celeron	8,712	1919
Briansk	West Cressy	<u>8,500</u>	1918
Total		75,424	

2. Dry Cargo Ships to be Delivered to the U.S.S.R. to replace the Above Tonnage

<u>Soviet Name</u>	<u>Ex U.S. Name</u>	<u>D.W.T.</u>	<u>Delivery Date</u>
Sukhona	George Coggeshall	10,791	April 15
Stalingrad	Thomas F. Flaherty	10,791	April 19
Kamenets Podolsk	Robert S. Abbott	10,791	April 20
---	Emmet D. Boyle	10,791	May 3
---	Henry J. Waters	10,791	May 8
---	Hull No. 2279	<u>10,791</u>	May 9
Total		64,746	

3. Tankers to be Delivered to the U.S.A. by the U.S.S.R.

<u>Soviet Name</u>	<u>Ex U.S. Name</u>	<u>D.W.T.</u>	<u>Built</u>
Donbass	Caliche	7,680	1918
Apsheron	Texas	9,830	1916
Taganrog	La Purissima	<u>7,924</u>	1921
Total		25,434	

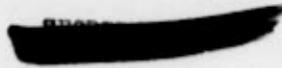
4. Tankers to be Delivered to the U.S.S.R. to Replace the Above Tonnage

<u>Soviet Name</u>	<u>Ex U.S. Name</u>	<u>D.W.T.</u>	<u>Delivery Date</u>
Donbass	Daylight	14,606	April 10
---	To be selected	Ca <u>14,000</u>	Early May
Total		28,606	



75715/44

WAR PRODUCTION BOARD  
WASHINGTON, D. C.



April 17, 1944

IN REPLY REFER TO:

*C.F.*  
*Lend Lease file*

My dear Mr. President:

Attached hereto is a tabulation showing progress made during March, and during the nine months ending March 31, 1944 towards fulfilment of Third Protocol materials and equipment production programs for the Union of Soviet Socialist Republics. There is also attached a summary of the major problems and developments which have marked production aspects of the program during the first three quarters of the Protocol period.

Respectfully yours,

Donald M. Nelson

x4735-

The President  
The White House  
Washington, D. C.

Attachments



x220  
x4193

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By RHP, Date MAR 21 1973

[REDACTED]

SUMMARY OF PRODUCTION DEVELOPMENTS IN THE SOVIET  
MATERIALS AND EQUIPMENT PROGRAM IN THE  
FIRST THREE QUARTERS OF THE THIRD  
PROTOCOL PERIOD

I. MATERIALS

Because of the easing of the domestic materials situation, as well as because of intensification of efforts to arrange satisfactory delivery schedules, stated Soviet requirements for all important materials are being met in full. Except for a few minor items, it has not been necessary for some time to reduce a request of the USSR for a raw material or semi-fabricated product because of supply considerations.

Shipping limitations continue to restrict the flow of several bulky items. Aside from this, however, materials are going forward at the rate desired by the USSR. Aluminum to the full amount requested has been scheduled for the last half of the Protocol year. The same is true of copper base alloys, carbon steel, alloy steel, railway materials, ferro-alloys, and all major chemicals. Nickel, several special alloy wires, and a few special purpose chemicals have been held under the amounts requested by the USSR because of continued tight supply conditions, but even in the case of these there has been a very substantial increase in average monthly shipments during the past quarter and further increases are scheduled for the current quarter.

II. INDUSTRIAL EQUIPMENT

The present status of the Third Protocol industrial equipment program must be considered against the background of (a) the stocks situation, (b) delays in the submission of new orders, and (c) the impact of several domestic programs, particularly the landing craft program, which have been granted overriding priorities because of strategic considerations.

At the beginning of the Third Protocol period there was concern lest the new industrial equipment program offered the USSR result in the accumulation of excessive stocks. Calculations which weighed the tonnage of items held in this country as of July 1, 1943 and the tonnage of items scheduled for delivery during the coming twelve months against prospective shipping seemed to indicate that stocks of industrial items might get out of hand in the same way that stocks of steel and certain other materials had gotten out of hand during the Second Protocol period. Because of

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this, those charged with over-all responsibility for the Russian program were inclined to discourage application of pressures to expedite deliveries of industrial items. It was generally felt unwise to insist upon shipments at a given rate simply because such a rate had been set up in the Protocol schedule, and without regard to whether the equipment thus made available could be lifted.

To an extent, developments have demonstrated that there was justification for this attitude. Despite conservatism re expediting deliveries, the tonnage of industrial equipment held in Ordnance and Treasury warehouses increased from some 97,000 short tons as of June 30, 1943 to some 167,000 short tons as of March 31, 1944.

It should be noted, however, that a very small number of items were responsible for this situation. Of the 167,000 short tons held in storage on March 31st, approximately 120,000 consisted of machine tools, forging presses and hammers, power equipment, and complete industrial plants. Stocks of all other industrial equipment, which included some sixty odd categories of maintenance and replacement items indispensable for the operation of the industrial establishment of the USSR, totalled only some 47,000 short tons.

Of more importance in holding back industrial equipment than the conservatism of US officials was the delay of Soviet representatives in preparing and submitting specifications against Third Protocol offers. It will be recalled that in reports prepared by the War Production Board during the first half of the Protocol period attention was repeatedly called to the necessity of requisitions being cleared immediately if adequate time were to be allowed for production cycles required for completion of orders before the end of the Protocol period. Despite these and other efforts of the WPB, however, a large part of the new orders authorized under the Third Protocol was not cleared until December, January, and February. Among the items affected were electric furnaces, rolling mills and auxiliary equipment, wire drawing machines, cranes, pumps, control instruments, small cutting tools, etc.

This late forwarding of requisitions inevitably raised grave scheduling problems, it not being possible to arrange for shipment over a five to seven month period the quantities of critical items which had been offered for delivery over a twelve month period. This was especially true since a number of urgent domestic programs, all of which conflicted with Russian items in regard to components, fabricating facilities and labor, were given overriding priorities during the very months in which the Russian items had to be scheduled.

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The general effect of these several factors was that for many types of equipment going to the USSR, production was behind Protocol offers at the close of the third quarter of the Protocol period. Total deliveries of industrial equipment, in terms of dollar value, were only slightly under the amount promised, and all indications were that between March 31st and the end of June shipments will be increased to a point which will insure the US having made available from the over-all standpoint at least \$431,000,000 - - i.e. the amount offered in the Protocol. However, this is due to accelerated shipments in the case of several relatively easy items. In spite of it, the USSR will not have received the amount of several important items which the US promised to make available.

The detailed outlook by categories is as follows:

Cemented Carbide Tips and Blanks: Although there was some delay in the clearance of Third Protocol orders, it was possible to work out satisfactory schedules and all contracts are expected to be completed by June 30, 1944.

Small Cutting Tools: New Third Protocol orders were very slow in coming in, and considerable difficulty was experienced in arranging for placement of contracts. In several cases orders had to be shifted from one company to another and special expediting pressures were necessary. The great majority of orders are expected to be completed by June 30th, but a few important ones will probably be carried over into the Fourth Protocol period.

Measuring Tools: The same difficulties were experienced in the case of measuring tools as for small cutting tools. Most of these difficulties have been overcome, but it is nevertheless anticipated that a few orders will be carried over and the full Protocol promise will not be met.

Abrasive Grains and Abrasive Products: Despite relatively tight supply conditions, it was possible to schedule orders satisfactorily, and shipments at the end of the third quarter were ahead of Protocol promises. A principal reason for this was the fact that all orders were cleared very early in the Protocol period.

Machine Tools: The Third Protocol machine tool offer was one of the most ambitious made by the US. It represented more than 15% of total production schedules for the corresponding period in the US. However, the entire offer was covered by orders placed in advance of the opening of the Third Protocol period, and, because of this, it was possible immediately to put the program on a sound, scheduled basis.

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Through January, average monthly shipments of machine tools were above the rate promised. In February and March there was a slight falling off, largely because manufacturers were finding it necessary to spread remaining orders which they had on their books in such a way as to enable them to maintain their labor supply, etc., at a level which would insure their being in a position to take care of future emergency orders which might come in. Although this resulted in accumulative deliveries through March falling under the amount promised, this has caused little concern. Stocks of Soviet machine tools at the end of March were very large, totalling more than 45,000 short tons or approximately \$70,000,000. Nevertheless, it is expected that during the next three months, shipments will again increase with the result that by June 30th practically all orders will have been completed.

Electric Furnaces: Although the electric furnace industry is generally in good shape, difficulties have been experienced in the execution of the Russian program. The offer of \$12,000,000 was relatively large, requiring an appreciable percentage of total US capacity. At the same time, orders were late in coming in; there was an unexpected concentration in the small size range; and certain components, notably instruments, fractional motors, and frequency changer sets, offered problems because of conflict with domestic programs. As a result of these factors, it appears likely that deliveries during the Protocol period will fall short of the \$12,000,000 promised by \$2,000,000 to \$3,000,000. Nevertheless, it is felt that adequate supplies of furnaces are being, and will continue to be, made available to meet shipping availabilities and to take care of all reasonable Soviet requirements.

Rolling Mills and Equipment, and Equipment For Blast, Hearth, and Coke Furnaces: Total Third Protocol offers for equipment of this type amounted to \$26,000,000. These offers were formulated to cover a specific list of equipment which the USSR had indicated that it urgently needed and which it was found could be scheduled for delivery during the period May, 1943 - June, 1944. However, there were delays of several months before problems in regard to supply of the equipment were cleared up by the FEA and the Soviet Purchasing Commission. As a result, the WFB found it necessary to notify the FEA that insufficient time remained for orders to be placed and fabrication completed by June 30th. It was subsequently agreed, however, to go ahead with the program with it being understood that the equipment, with the exception of a few minor items which required short lead factors, would not be completed prior to the opening of the Fourth Protocol period.

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The program as finally approved included a rail and structural mill, a blooming mill, electrical equipment for the above mills, fish plate and tie plate installations, Bessemer converters, hot metal mixers, transfer cars, coke cars, hot metal cars, turbo blowers, de-watering equipment, and foundry equipment. It is anticipated that supply of this equipment will contribute to the recovery of the Soviet steel industry and will consequently help the USSR to meet more fully its steel requirements from its own resources and reduce the quantity required from this country.

Presses, Forges, Hammers, and Related Equipment: Under the \$30,000,000 Third Protocol program were included such items as forging presses, hammers, shears, bolt and nut equipment, punching presses, manipulators, maxi-presses, etc. Among these were some of the largest machines of this type which have ever been produced.

Few production problems have been encountered in connection with the program. However, the entire program has been repeatedly set back through diversion of items to the small truck program, the malleable iron program, the landing craft program, and other domestic programs. In consequence, by June 30th there probably will not have been delivered more than \$24,000,000 against the promised \$30,000,000. However, stocks of equipment of this type held on USSR account are very large, totalling as of March 31st more than 25,000 tons, and it is felt that the rate of shipment is adequate to meet realistic Soviet needs.

Wire Drawing Equipment: The \$2,000,000 Third Protocol offer was intended to cover seventy-seven machines which had been ordered in advance of June 30, 1943, and thirty-five additional machines which the USSR stated that it wished to order after June 30th.

In the case of the old orders for seventy-seven machines, production has been in accordance with schedule and all will be completed before June 30, 1944. The dollar value involved is approximately \$1,000,000. In the case of the new orders for thirty-five machines, clearance was not worked out by the Soviet Purchasing Commission and the FEA until February. These orders will consequently have to be carried over into the Fourth Protocol period.

Excavators: The \$12,500,000 offered under the Third Protocol included some \$7,000,000 of old orders for Treasury procured items and an estimated \$5,500,000 of War Department procured items. Since formulation of the Third Protocol, however, a re-survey by the War Department has revealed that no equipment which can properly be classified "Excavator Equipment" is being procured by that agency for the USSR. (Equipment which was originally considered "Excavator Equipment" is now classified under truck

and tractor cranes and various construction equipment.) To all intents and purposes, therefore, the Third Protocol excavator program is not a \$12,500,000 but a \$7,000,000 program.

Even for a \$7,000,000 program, numerous scheduling difficulties have been encountered. US capacity is almost entirely taken up by Army, Navy, and the British and US surface mining programs. Further, equipment being procured for the USSR is of such nature that only two companies are capable of handling it. Because of these difficulties, it is expected that it will be necessary to extend several important contracts beyond June 30, 1944.

Cranes: The actual Third Protocol program is substantially larger than the \$22,000,000 offered. The reason for this is that many of the items being procured by the War Department which were formerly classified as "Excavator Equipment" properly fall under this category.

Production problems of a serious nature have been encountered. In the case of special metallurgical cranes such as ladle cranes and ingot strippers, difficulty has been experienced in securing bearings. Also, after much preliminary work had been completed, Soviet representatives insisted upon changes in specifications made necessary by war developments in the USSR. Mining hoists, which form an important part of the program, were placed on order only late in the Protocol period and several components, notably gears and electrical equipment, have slowed down production. For the program as a whole, set-backs have resulted from conflicts with the rubber program and with the landing craft program. Because of these various factors, it is not expected that all contracts will be completed by June 30th.

Compressors, Gas Blowers, Exhausters, and Fans: The Third Protocol program was not presented to the WPB until December, 1943 - January, 1944. A few orders have only recently been submitted. Retarded deliveries have been entirely due to this delay, as the program offers no production problems.

Pumps: Pumps being supplied under the Third Protocol are considered one of the most important items in the industrial equipment program. Included are a group of exceptionally large pumps intended for use in the re-establishment of reservoir and water systems contaminated or destroyed in the occupied territories, mining pumps needed for the re-opening of Donets coal mines, special chemical pumps, etc. No Third Protocol requisitions were placed until after the first of January, 1944.

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Despite this, and despite difficulty in securing required bearings and motors, it has been possible to arrange satisfactory schedules and few contracts will have to be carried over.

Welding Equipment: The welding equipment program has gone smoothly. Schedules are satisfactory and it is expected that the full Protocol commitment will be met without difficulty. Items being supplied under the program are designed for repair work on barges, railways, and structural shapes in buildings, as well as for use in the manufacture of tanks, trucks, etc.

Valves and Fittings: A substantially larger program than the \$3,000,000 offered is being carried out under the Third Protocol, a number of important orders having been accepted under the emergency equipment category. The program is proceeding smoothly and satisfactory deliveries are being maintained.

Pneumatic Tools: Third Protocol orders for pneumatic tools are being procured by the War Department and it is understood that satisfactory progress is being made on them. Data as to details have not been made available by the War Department, however. All pre-Third Protocol orders, which are being procured by Treasury, will be completed before June 30th.

Control Instruments and Testing Machines: Included in this category of equipment are circular and linear dividing machines, universal and hydraulic testers, dynamometer testers, proving rings, tool makers microscopes, etc. All items will be completed and delivered by June 30, 1944, except circular and linear dividing machines. Prior to the outbreak of the war, circular and linear dividing machines were not produced in the US, Europe being the sole source of supply. One US company has developed fabricating facilities but its capacity is limited to one or two machines a year. The USSR has twenty-one on order. Most of these will necessarily have to be carried over into the Fourth Protocol period.

Anti-Friction Bearings: As pointed out in previous reports, the Soviet anti-friction bearings program has come into conflict with requirements of the landing craft program, the heavy duty truck program, the synthetic rubber program and the agricultural equipment program, as well as other important domestic programs. As a result, it will not be possible to produce by June 30th the \$15,000,000 promised. A special effort is being made to deliver such bearings as Soviet representatives state are most urgently needed for their war effort, but from the overall standpoint it is expected that we will fail to meet the formal commitment by some \$3,000,000 to \$5,000,000.

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Block Signal System: The Third Protocol program consists of a block signal system designed for 3,000 kilometers of railways under ideal conditions or 5,000 to 10,000 kilometers under reasonably satisfactory working conditions. The equipment being supplied is identical to that required for domestic use with the exception of centralizers which are peculiar to USSR operations.

Work on the system is proceeding satisfactorily and it is anticipated that virtually all shipments from plant will have been completed by June 30th.

Power Program: The Third Protocol power program consisted of approximately \$40,000,000 of equipment ordered, but not delivered, during the Second Protocol period, and \$57,000,000 of new Third Protocol orders.

Of the orders carried forward from the Second Protocol, roughly 98% were completed by the end of March, 1944. The items still to be delivered, principally boilers, spare parts, switch gear, and process piping, will all be finished and shipped from plant in the next few weeks.

In the case of the \$57,000,000 of equipment placed under order since July 1, 1943, it is expected that approximately 60% (about \$33,000,000) will be shipped from plant by June 30, 1944. Inability to complete the remaining 40% is largely the result of re-engineering and re-designing upon which the Russians have insisted. When the new Third Protocol program was offered to the USSR, it was anticipated that work done on plants previously supplied would make possible proceeding with production without preliminary engineering. However, because of changing conditions in the USSR, Russian representatives felt it necessary to ask for new specifications in many instances. After re-designing had been completed, the bill of materials already worked out for components, etc. could not be used for the new plants and complete re-surveys had to be made. This resulted in loss of approximately three months in the placing of orders for components and other materials. Steel plate particularly caused trouble because space in mill schedules was lost for a period of several months. A further cause of delay in the program was conflict with urgent domestic programs, particularly the landing craft program.

Auxiliary Industrial Equipment: This category includes a wide variety of equipment of which the most important are electric motors, other electrical equipment, engines and turbines, industrial trucks and tractors, petroleum refinery equipment, oil well drilling equipment, communications equipment, smelting and alloying equipment, hand tools, and agricultural machinery. The Third Protocol offer for all equipment

of this type was limited to \$36,500,000. However, orders on the books as of June 30, 1943 considerably exceeded this amount. Further, additional items have been approved under the emergency equipment offer.

Deliveries under this category have been generally satisfactory. Competition with other programs has delayed completion of electric motors and other electrical equipment, but despite this, the flow of these items has been large. Some of the other equipment included in this category has been held up because of difficulty in securing components, but this again has not seriously affected the situation of the USSR, ample supplies having been made available to meet the more pressing needs of that country.

Altogether, through March 31st a total of \$67,000,000 of auxiliary equipment had been shipped from plant, and it is anticipated that at least \$33,000,000 additional will be shipped between the end of March and June 30th.

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STATUS OF MATERIALS AND EQUIPMENT PRODUCTION PROGRAMS UNDER THE THIRD RUSSIAN PROTOCOL AS OF APRIL 1, 1944

(MARCH DELIVERY DATA SUBJECT TO REVISION)

Protocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Mar. 1, 1944 - Mar. 31, 1944	Made Available at Mill in U.S.A. July 1, 1943 - Mar. 31, 1944	Percent of 3rd Prot. Program Completed as of Apr. 1, 1944	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of Apr. 1, 1944 To Complete 3rd Protocol Prod. Program	Comments
<u>NON-FERROUS METALS</u>									
3	Aluminum (Ingot and Fabricated)	S.T.	35,760	14,982	72,946	204	272	(37,186 Excess)	Aluminum shipments to date consist of 5,278 S.T. rod and tubing; 18,444 S.T. sheet; and 49,224 S.T. ingot including secondary.
4	Nickel								
A	Pig Nickel	S.T.	3,600	300	3,900	108	144	(300 Excess)	Includes shipment on U.S. account of 800 S.T. from U.K. stocks.
B	Nickel in Monel Scrap	S.T.	274	0	274	100	133	0	The 274 S.T. shown as the Third Protocol production program is the quantity selected by the U.S.S.R. out of a total of 600 S.T. originally offered.
C	Nickel in Steel and Other Non-Ferrous Products	S.T.	2,400	108	1,681	70	93	719	Contained nickel deliveries to date consist of 923 S.T. in steel; 337 S.T. in nichrome wire and strip; 295 S.T. in cupro-nickel strip; and 126 S.T. in various other products including pure nickel products.
5	Molybdenum	S.T.	4,000	333	3,330	83	111	670	
6	Copper, Electrolytic	S.T.	(121,400)	(13,726)	(88,371)	(73)	(97)	(33,029)	Electrolytic copper figures refer to copper contained in various materials requiring copper which are being supplied the U.S.S.R. Deliveries to date include 64,854 S.T. contained in copper base alloys; 10,025 S.T. contained in copper goods and tubes; 574 S.T. contained in bimetal; and 12,818 S.T. contained in wire mill products. In addition to the copper program shown, the W.P.B. has made arrangements for the supply of 16,800 S.T. of copper wire bars during the remainder of the Third Protocol period.

Protocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Mar. 1, 1944 - Mar. 31, 1944	Made Available at Mill in U.S.A. July 1, 1943 - Mar. 31, 1944	Percent of 3rd Prot. Program Completed as of Apr. 1, 1944	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of Apr. 1, 1944 To Complete 3rd Protocol Prod. Program	Comments
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NON-FERROUS METALS (Continued)

7	Copper Base Alloys	S.T.	107,520	15,974	88,227	82	109	19,293	
8	Magnesium	S.T.	4,032	336	3,024	75	100	1,008	
9	Zinc	S.T.	13,440	1,120	10,080	75	100	3,360	
11	Copper Goods and Tubes	S.T.	15,000	1,275	10,025	67	89	4,975	
29	Special Non-Ferrous Alloy Wires	S.T.	100	13	90	90	120	10	
30	Nichrome Wire	S.T.	538	23	422	78	104	116	

The Third Protocol provides that up to 269 S.T. of special non-ferrous wires may be ordered. Until the present, however, only 100 S.T. have been requisitioned. The Third Protocol production schedule is, therefore, limited to this amount. Deliveries to date include .4 S.T. of tungsten alloy wire; 2.9 S.T. of constantan wire; .4 S.T. of tantalum wire; 33.1 S.T. of alumel and chromel wire; 15.9 S.T. of monel, everdur and beryllium bronze wire; 5.7 S.T. of enamelled manganese wire; 19.8 S.T. of molybdenum wire; .5 S.T. of manganese wire; 5.7 S.T. of round manganese wire; 5.3 S.T. of bare thermocouple wire; and .3 S.T. of Kenet molybdenum wire.

On urgent request of the U.S.S.R., the U.S. has agreed to undertake supply of 13 1/2 S.T. in addition to the amount originally offered in the Protocol. However, due to an acute shortage of chromium metal, difficulty is being encountered in scheduling this added quantity. In consequence, it will probably be necessary to carry a large part of it over into the Fourth Protocol period.

Protocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Mar. 1, 1944 - Mar. 31, 1944	Made Available at Mill in U.S.A. July 1, 1943 - Mar. 31, 1944	Percent of 3rd Prot. Program Completed as of Apr. 1, 1944	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of Apr. 1, 1944 To Complete 3rd Protocol Prod. Program	Comments
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NON-FERROUS METALS (Continued)

93	Cadmium	S.T.	112	28	56	50	100	56	<p>The Third Protocol cadmium commitment was originally included in the Canadian schedule, but due to a difficult supply situation in Canada, the U.S. agreed to take this over as the 112 S.T. due in the second half of the Protocol period.</p>	
94	Cobalt	S.T.	80.5	0	80.5	100	133	0		<p>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 original Protocol offer. The U.S.S.R. recently requested the increase of the Protocol offering by 78 S.T. The U.K. has agreed to supply one-half of this along with the 80.5 S.T. included in its Protocol schedule. The U.S. will supply the remainder.</p>
Total Non-Ferrous Metals (Excluding Item 6, Copper, Electrolytic)			S.T.	186,856.5	34,492	194,135.5	104	139	(7,279 Excess)	

FERRO-ALLOYS

12	Ferrosilicon	S.T.	-	0	57	-	-	-	<p>Because of the stocks situation, Third Protocol offers to supply up to 72<sup>1/2</sup> S.T. of ferrosilicon and 44<sup>1/2</sup> S.T. of ferrochrome per month are considered inoperative.</p>
13	Ferrochrome	S.T.	-	0	0	-	-	-	

DECLASSIFIED  
 E.O. 11652, Sec. (b)(1) and (b)(7) of (D)  
 Commerce Dept. Letter, 1144-72  
 By RHP, Date  
 MAR 21 1973

Protocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Mar. 1, 1944 - Mar. 31, 1944	Made Available at Mill in U.S.A. July 1, 1943 - Mar. 31, 1944	Percent of 3rd Prot. Program Completed as of Apr. 1, 1944	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of Apr. 1, 1944 To Complete 3rd Protocol Prod. Program	Comments
<b>FERRO-ALLOYS (Continued)</b>									
85A	Ferromolybdenum	S.T.	1,456	0	1,120	77	183	336	} Ferromolybdenum, ferrovanadium, and ferrotungsten have been scheduled in the quantities shown under the Third Protocol production program as substitutes for an equivalent tonnage of ferro-silicon and/or ferrochrome. Included in these quantities are 336 S.T. ferromolybdenum, 134 S.T. ferrovanadium, and 224 S.T. ferrotungsten which are currently being approved for delivery in the second quarter, 1944.
86	Ferrovanadium	S.T.	358	0	224	63	150	134	
87	Ferrotungsten	S.T.	1,064	0	526	49	148	538	
	Total Ferro-Alloys	S.T.	-	0	1,927	-	-	1,008	
<b>ALLOY STEEL</b>									
16	Polished Drill Rod								
B	High Speed	S.T.	96	11	85	89	119	11	
C	Other Alloy	S.T.	45	3	40	89	119	5	
17	High Speed Tool Steel	S.T.	4,480	203	4,651	104	139	(171 Excess)	
18	Tool Steel								
B	Alloy X12	S.T.	672	70	665	99	130	7	
C	Alloy X12H	S.T.	672	64	611	91	121	61	
D	Other Alloys	S.T.	4,850	525	4,912	101	135	(62 Excess)	
19	Cold Finished Bars	S.T.	11,200	933	9,395	84	112	1,805	
20	H.R. Alloy Bars and Billets	S.T.	67,267	9,018	55,669	83	111	11,598	
23	Stainless Steel								
A-B	Sheets and Strip	S.T.	3,007	409	3,130	104	139	(123 Excess)	
C	Bars	S.T.	756	55	593	78	104	163	
25	Steel Wire								
A	Ball Wire	S.T.	1,344	80	1,215	90	120	129	
B	Alloy 212	S.T.	1,344	228	1,058	79	105	286	
C	Other Alloy	S.T.	0	0	191	-	-	(191 Excess)	

Protocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Mar. 31, 1944	Made Available at Mill in U.S.A. July 1, 1943 - Mar. 31, 1944	Percent of 3rd Prot. Program Completed as of Apr. 1, 1944	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of Apr. 1, 1944 To Complete 3rd Protocol Prod. Program	Comments
<u>ALLOY STEEL (Continued)</u>									
27	Steel Alloy Tubes								
A	18% Cr. - 8% Ni.	S.T.	994	188	1,222	123	164	(228 Excess)	
B	1-5% Chrome	S.T.	8,625	937	7,606	88	117	1,019	
C-E	Carbon, 5% Moly., Pipe Sizes	S.T.	0	0	0	-	-	(9 Excess)	
F	H.R. Ball Bearing Tubes	S.T.	5,376	779	5,060	94	125	316	
28	Stainless Steel Wire	S.T.	1,747	163	1,609	92	123	136	
29	Special Alloy Wire	S.T.	784	26	819	104	139	(35 Excess)	
	Total Alloy Steel	S.T.	113,259	13,692	98,540	87	116	14,719	
<u>CARBON STEEL</u>									
101-B	Rails, Accessories and Other Railway Material	S.T.	-	18,659	188,648	-	-	-	
10	Copper Clad Strip (Bimetal)	S.T.	-	4,167	5,852	-	-	-	
16A & 18A	Plain Carbon Tool Steel and Drill Rod	S.T.	-	808	6,515	-	-	-	
19D	Plain Carbon Bullet Core	S.T.	-	43	11,736	-	-	-	
24	Simplate	S.T.	-	1,511	36,604	-	-	-	
-	Other Carbon Steel	S.T.	-	1,526	70,017	-	-	-	
	Total Carbon Steel	S.T.	345,397	26,714	319,372	92	123	26,025	
<u>CHEMICALS</u>									
36	Phenol	S.T.	-	1,653	8,701	-	-	-	
38	Ethylene Glycol	S.T.	-	0	650	-	-	-	

Approximately 110,000 S.T. of alloy steel have been scheduled for delivery during the Third Protocol program as shown in the attached schedule.

Approximately 110,000 S.T. of carbon steel have been scheduled for delivery prior to June 30, 1944, in addition to the 345,397 S.T. originally included in the Third Protocol program.

The 650 S.T. shown as the quantity delivered through March 31 is 350 less than that delivered through Feb. 29 due to a cut-back agreed to by Soviet representatives.

DECLASSIFIED  
E.O. 11652, Sec. 5(c) and 5(d) or (e)  
Commerce Dept. Letter 11-15-72  
By RHP, Date **MAR 21 1973**

Protocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Mar. 1, 1944 - Mar. 31, 1944	Made Available at Mill in U.S.A. July 1, 1943 - Mar. 31, 1944	Percent of 3rd Prot. Program Completed as of Apr. 1, 1944	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of Apr. 1, 1944 To Complete 3rd Protocol Prod. Program	Comments
<u>CHEMICALS (Continued)</u>									
45	Methanol	S.T.	-	0	3,395	-	-	-	
46	Urotropine	S.T.	-	225	4,975	-	-	-	
61A1	Glycerine	S.T.	6,720	0	7,707	115	153	(987 Excess)	
61A3	Caustic Soda	S.T.	40,320	272	24,925	62	83	15,395	
38A	Ethyl Alcohol	S.T.	107,520	0	114,278	106	141	(6,758 Excess)	} 61,600 S.T. of ethyl alcohol have been scheduled for delivery during the Third Protocol period in addition to the 107,520 S.T. originally included in the Third Protocol program.
61A5	Acetone	S.T.	5,137	420	3,198	62	83	1,039	
61A	Other Chemicals	S.T.	12,096	1,248	8,347	69	92	3,749	
	Total Chemicals	S.T.	-	3,818	176,176	-	-	-	
<u>MARINE AND SUBMARINE CABLE</u>									
1	Marine Cable	KM.	784	7	198	25	33	586	} Old orders for marine and submarine cable have been largely completed whereas deliveries of new orders have not yet begun because of lead factors.
2	Submarine Cable	KM.	319	1	120	38	51	199	
	Total Marine and Submarine Cable	KM.	1,103	8	318	29	39	785	
<u>POWER AND RELATED CABLE</u>									
74	Insulated Cable and Wire (Copper Content)	S.T.	-	754	11,170	-	-	-	} Old orders for power and related cable have been largely completed whereas deliveries of new orders have not yet begun because of lead factors.
74A	Bare Cable and Wire (Copper Content)	S.T.	-	113	1,542	-	-	-	
	Total Power and Related Cable	S.T.	21,000	867	12,712	61	81	8,288	

Pro- toocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Mar. 1, 1944 - Mar. 31, 1944	Made Available at Mill in U.S.A. July 1, 1943 - Mar. 31, 1944	Percent of 3rd Prot. Program Completed as of Apr. 1, 1944	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of Apr. 1, 1944 To Complete 3rd Protocol Prod. Program	Comments
<u>MISCELLANEOUS MATERIALS ITEMS</u>									
80	Sheet Fiber	S.T.	1,000	0	1,370	137	183	(370 Excess)	
83	Parchment Paper	S.T.	1,680	0	0	0	0	1,680	} To date no requisitions have been submitted by Soviet representatives.
83A1	Lithograph Map Paper	S.T.	-	550	2,221	-	-	-	
83A	Condenser Paper	S.T.	73	19	56	77	103	17	} Because of delays in the submission or requisitions, production of condenser paper was not begun until January.
83B	Cigarette Paper	S.T.	336	0	0	0	0	336	
<u>INDUSTRIAL AND RELATED EQUIPMENT</u>									
15A	Cemented Carbide Tips and Planks	\$	3,000,000	11,631	1,180,183	39	52	1,819,817	} See attached text for comments.
15B	Small Cutting Tools	\$	15,000,000	980,311	8,512,250	57	76	6,487,750	
15C	Measuring Tools	\$	3,000,000	151,503	1,020,223	34	45	1,979,777	
67B	Abrasive Products	\$	4,000,000	80,861	3,571,833	89	119	428,167	
62	Machine Tools	\$	120,000,000	5,623,400	84,946,050	71	95	35,053,950	
63	Electric Furnaces	\$	11,600,000	583,528	4,456,067	38	51	7,143,933	
64A	Rolling Mills and Equipment	\$	16,000,000	207,946	1,529,211	10	13	14,470,789	
64B	Presses, Forges, Hammers and Related Equipment	\$	30,000,000	746,491	17,071,641	57	76	12,928,359	
64C	Wire Drawing Equipment	\$	2,000,000	178,538	203,625	10	13	1,796,375	
65A	Excavators	\$	12,500,000	276,139	2,856,175	23	31	9,643,825	

Pro- tocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Mar. 1, 1944 - Mar. 31, 1944	Made Available at Mill in U.S.A. July 1, 1943 - Mar. 31, 1944	Percent of 3rd Prot. Program Completed as of Apr. 1, 1944	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of Apr. 1, 1944 To Complete 3rd Protocol Prod. Program	Comments																																																																																																															
<b>INDUSTRIAL AND RELATED EQUIPMENT (Continued)</b>																																																																																																																								
65B	Truck and Tractor Cranes	\$ }	22,000,000	1,482,126	16,683,240	76	101	5,316,760	See attached text for comments.																																																																																																															
65C	Other Cranes	\$ }								65D	Compressors, Gas Blowers, Exhausters and Fans	\$	9,000,000	28,179	3,778,534	42	56	5,221,466	65E	Pumps	\$	8,000,000	214,075	4,396,734	55	73	3,603,266	65F	Mining Equipment, Ore Dressing, Handling and Transporting Equipment	\$	10,000,000	172,452	5,183,326	52	69	4,816,674	65G	Equipment for Blast, Hearth and Coke Furnaces	\$	10,000,000	226,722	1,278,778	13	17	8,721,222	65H	Welding Equipment	\$	4,400,000	138,645	2,698,452	61	81	1,701,548	65I	Valves and Fittings	\$	3,000,000	117,803	3,041,610	101	135	(41,610 Excess)	65J	Pneumatic Tools	\$	5,000,000	194,636	2,262,470	45	60	2,737,530	65K	Auxiliary Industrial Equipment	\$	36,500,000	2,021,282	67,875,218	186	248	(31,375,218 Excess)	66	Control Inst. and Testing Machines	\$	1,700,000	42,672	769,189	45	60	930,811	69-70	Anti-Friction Bearings	\$	15,000,000	857,058	7,053,649	47	63	7,946,351	111	Block Signal System	\$	14,591,500	690,212	4,033,453	28	37	10,558,047	140	Power Equipment	\$	75,000,000	3,316,754	44,179,362	59	79	30,820,638		Total Industrial and Related Equipment	\$
65D	Compressors, Gas Blowers, Exhausters and Fans	\$	9,000,000	28,179	3,778,534	42	56	5,221,466																																																																																																																
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<u>MISCELLANEOUS EQUIPMENT ITEMS</u>									
67A	Abrasive Grain	S.T.	4,000	1,432	6,312	158	211	2,312	
68A	Graphite Electrodes	S.T.	5,757	396	4,621	80	107	1,136	
68B	Other Graphite Goods	S.T.	1,691	16	693	41	55	998	
68C	Graphite Powder	S.T.	1,120	177	1,712	153	204	(592 Excess)	
7E	Tires, Tubes, Other Rubber Products (Rubber Content)	S.T.	40,320	1,460	24,571	61	81	15,749	
82	Metallic Cloth and Screen	\$	1,000,000	54,316	431,284	43	57	568,516	

War Production Board  
Foreign Division  
Program Review Branch  
April 15, 1944

*G. F.*  
*Lend Lease*

*BF*

*75/15/44*

THE WHITE HOUSE  
APR 26 11 20 AM '44  
RECEIVED



WAR FOOD ADMINISTRATION  
WASHINGTON

OFFICE OF THE ADMINISTRATOR

*file*

April 25, 1944

~~SECRET AND CONFIDENTIAL~~

The President  
The White House

Dear Mr. President:

March shipments of agricultural commodities to the U. S. S. R. totaled 139,103 net short tons, an increase of 18,016 tons over the total delivered for this program in the previous month. The program for April is expected to be slightly larger than for March. During the first nine months of the Third Protocol, deliveries of agricultural products totaled 1,417,951 tons, as compared with the program of almost 2,000,000 tons for the Protocol year.

Shipments of wheat flour and cereals during March amounted to 47,004 tons. This brought the cumulative total of deliveries under this category during the Protocol year to 418,856 tons, as compared with the 500,000-ton program. March deliveries of sugar totaled 34,416 tons.

Other important items in the March shipping program were vegetable oil, 14,496 tons; canned meat, 14,831 tons; animal fats and cured meat, 10,171 tons; soya flour and grits, 9,204 tons; and dried eggs, 4,343 tons.

Until recently wheat flour has been one of the highest priority items in the Soviet shipping schedule. Currently, however, the priorities have changed and emphasis is being placed chiefly on animal fats and canned meats.

Respectfully,

*Maxing Jones*

Administrator

*x1-7/7*

Attachment

*x4193*  
*x220*

REGRADED  
UNCLASSIFIED

April 25, 1944

~~SECRET AND CONFIDENTIAL~~

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Respectfully,

Marvin Jones

Administrator

Attachment

MRG:epj:AM

Revised by:

JG:epj:AM

CS-PL

4-17-44

REGRADED  
UNCL. SIFIED

SHIPMENT OF AGRICULTURAL COMMODITIES  
TO THE U.S.S.R.  
July 1, 1942 to March 31, 1944  
(Net Short Tons)

Office of Distribution  
Finance Division  
Commodity Accountability Section  
April 10, 1944

Table I

COMMODITY	: Monthly : Requirements, : 3rd Protocol	: DELIVERIES		: Requested : for : Apr. 1944	: 3rd Protocol : Requirements : 7/1/42-3/31/44	: Deliveries, : 3rd Protocol : 7/1/42-3/31/44	: Requirements : 3rd : Protocol	: Deliveries, : 2nd Protocol : 7/1/42-6/30/43
		: March : 1944	: February : 1944*					
Wheat, Flour, Cereal, Etc.	: 41,667	: 47,004	: 49,136	: 21,465	: 375,000	: 418,856.54	: 500,000 <sup>1</sup>	: 345,438
Sugar	: 28,067	: 34,416	: 21,325	: 34,233	: 252,600	: 216,511	: 336,800 <sup>2</sup>	: 114,171
Canned Meat	: 28,000	: 14,831 <sup>2</sup>	: 11,590 <sup>3</sup>	: 30,433 <sup>4</sup>	: 252,000	: 207,291 <sup>5</sup>	: 6,000	: 188,878.60 <sup>6</sup>
Butter	: 3,267	: -	: 404	: -	: 29,400	: 39,497	: 39,200	: 7,278 *
Carter's Spread	: 1,120	: 999	: 792	: 1,484	: 10,080	: 2,481	: 13,440	: -
Animal Fats and Cured Meat	: 24,547	: 10,171	: 14,205	: 46,427	: 220,920	: 191,472	: 294,560	: 130,457
Vegetable Oil	: 18,583	: 14,496	: 6,218	: 9,800	: 167,250	: 164,649	: 223,000	: 103,668
Dried Milk	: 2,716	: 50	: 550	: 560	: 24,446	: 29,777	: 32,594	: 16,206
Cheese	: 1,400	: 20	: 487	: 6	: 12,600	: 14,716	: 16,800	: 4,459
Canned Milk	: 597	: -	: -	: 28	: 5,378	: 5,830	: 7,170	: 5,821
Dried Eggs	: 3,238	: 4,343	: 2,881	: 5,265	: 29,147	: 30,718	: 32,862	: 22,286
Dehy. & Conc. Soups, Veg. & Cereals, Incl. Soya	: 1,840	: 115	: 368	: 52	: 16,555	: 15,065.69	: 22,074	: 1,738
Concentrated Juices	: 131	: -	: -	: 3	: 1,180	: 1,341.40	: 1,574	: 698
Veg. Pulp, Pastes & Purees	: 474	: -	: 453	: 180	: 4,268	: 2,964	: 5,690	: 195
Soya Flour and Grits	: 7,470	: 9,204	: 7,385	: -	: 67,228	: 51,345	: 89,638	: 2,841
Soap	: 933	: -	: -	: 57	: 8,400	: 1,201.12	: 11,200	: 4,938
Other Agricultural Commodities	: 2,500	: 3,454	: 5,193	: 995	: 22,500	: 24,235.66	: 30,000	: 22,262.31
TOTAL	: 166,550	: 139,103	: 121,087	: 150,988	: 1,498,952	: 1,417,951.41	: 1,996,602	: 971,334.91

\* Revised.

<sup>1</sup> Requirements for Wheat, Flour, Cereals, Etc increased 100,000 tons and requirements for Sugar reduced by 100,000 tons.<sup>2</sup> Includes 613 tons of Dehydrated Meat equivalent to 1,943 tons of Canned Meat.<sup>3</sup> Includes 70 tons of Dehydrated Meat equivalent to 222 tons of Canned Meat.<sup>4</sup> Includes 1,013 tons of Dehydrated Meat equivalent to 3,211 tons of Canned Meat.<sup>5</sup> Includes 5,556 tons of Dehydrated Meat equivalent to 17,613 tons of Canned Meat.<sup>6</sup> Includes 709.6 tons of Dehydrated Meat equivalent to 22,494 tons of Canned Meat.

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STATUS OF U.S.S.R. PROGRAM  
As of March 31, 1944  
(Net Short Tons)

Office of Distribution  
Finance Division  
Commodity Accountability Section  
April 10, 1944

Table 2

COMMODITY	CLEARANCES									
	Cumulative	Cumulative	July 1, '42	July 1, '43	Oct. 1, '43	January	February	March	Cumulative	
	Action	to	to	to	to	to	to	to	to	
Requisitions	June 30, '42	June 30, '43	Sept. 30, '43	Dec. 31, '43	1944	1944	1944	March 31, 1944		
<u>WHEAT, FLOUR, CEREAL, ETC.</u>										
Wheat	154,560	29,298	-	-	6,230	9,291	10,623	-	55,442	
Cracked Wheat	12,764	1,121	9,885	45	-	-	-	-	11,051.15	
Rye Flour	40,436	41	11,618	3,510	4,233	120	280	680	20,482	
Wheat Flour	663,625	60,303	168,797	37,830	78,056	55,130	33,590	44,368	478,074	
Barley, Pearl	2,869	-	2,797	935	2,138	-	-	-	5,870	
Rice	88,119	-	22,667	10,848	10,403	-	675	-	44,593	
Semolina	34,414	1,049	14,715	950	3,345	1,523	-	720	22,302	
Barley, Cereal, Roasted	990	40	150	-	-	-	-	-	190	
Buckwheat Cereal	1,699	8	127	90	-	-	-	-	225.25	
Oat Cereal	38,016	2,352	14,852	2,918	1,650	601	-	-	22,373	
Cereals, Various	15,904	-	911	20	-	-	-	-	931.14	
Beans, Dried	249,334	13,499	90,887	16,893	42,224	20,096	2,296	240	186,135	
Peas, Dried	68,198	.10	8,032	296	2,498	10,843	1,672	996	24,337.10	
<u>SUGAR</u>										
Sugar	489,682	85,127	113,262	54,458	39,223	26,530	12,380	34,376	365,356	
Tablet Sugar	73,720	-	909	9,367	24,458	6,734	8,945	40	50,453	
<u>MEAT, CANNED</u>										
Meat, Canned	362,924	43,627	188,169	23,901	35,007	23,494	8,424	3,424	326,046	
Tushonka	144,784	-	-	44,163	46,138	3,294	3,096	10,794	107,485	
Beef, Dehydrated	21	-	.60	-	-	-	4.50	19	5.10	
Pork, Dehydrated	10,472	-	709	637	3,847	389	65.50	613	6,260.50	
<u>BUTTER</u>										
Butter, Salted	68,258	2,300	7,278	18,063	20,990	40	404	-	49,075	

COMMODITY	CLEARANCES									
	Cumulative	Cumulative	July 1, '42	July 1, '43	Oct. 1, '43	January	February	March	Cumulative	
	Action	to	to	to	to	to	January	February	March	to
Requisitions	June 30, '42	June 30, '43	Sept. 30, '43	Dec. 31, '43	1944	1944	1944	March 31, 1944		
<b>CARTER'S SPREAD</b>										
Carter's Spread	13,440	-	-	-	-	690	792	999	2,481	
<b>ANIMAL FATS AND CURED MEAT</b>										
Fat Cuts	123,251	-	-	21,569	57,580	5,296	4,298	4,376	93,119	
Lard and Rendered Fats /a	341,991	32,390	49,942	18,676	40,227	14,531	9,907	5,500	171,173	
Cured Meat	117,585	9,898	80,515	8,823	223	171	-	295	98,925	
<b>VEGETABLE OIL</b>										
Oleomargarine	48,160	-	4,936	9,989	14,775	4,069	2,250	1,191	37,210	
Shortening	39,229	-	12,753	3,573	7,283	1,000	-	387	24,996	
Vegetable Oil	378,499	18,575	85,979	42,534	47,267	13,345	4,068	12,918	224,686	
<b>DRIED MILK</b>										
Skim Milk, Dry	51,594	-	15,545	2,554	16,205	3,040	550	50	37,944	
Whole Milk, Dry	12,554	-	661	2,548	4,272	558	-	-	8,039	
<b>CHEESE</b>										
Cheese	12,508	-	3,915	1,252	2,423	-	-	-	7,590	
Processed Cheese	15,067	-	544	685	3,602	6,247	487	20	11,585	
<b>CANNED MILK</b>										
Sweetened Condensed Milk	12,820	-	5,821	3,802	1,973	-	-	-	11,596	
Evaporated Milk	120	-	-	55	-	-	-	-	55	
<b>DRIED EGGS</b>										
Eggs, Dried	91,878	8,961	22,286	5,538	16,480	1,476	2,881	4,343	61,965	



COMMODITY	CLEARANCES								
	Cumulative Action	Cumulative to	July 1, '42 to	July 1, '43 to	Oct. 1, '43 to	January 1944	February 1944	March 1944	Cumulative to
	Requisitions	June 30, '42	June 30, '43	Sept. 30, '43	Dec. 31, '43				March 31, 1944
<u>OTHER AGRICULTURAL COMMODITIES</u>									
Acetic Acid	68	-	144	-	-	-	-	-	144
Alcohol	2	-	-	-	-	-	-	-	-
Almonds	422 #	-	-	384 #	84 #	-	-	-	468 #
Aneurin	25	-	15	2	5	-	-	-	22
Apples, Fresh	4	-	-	35	-	-	-	-	35
Army Ration K	2,016	-	-	418	-	-	-	-	418
Ascorbic Acid (Vitamin C)	152	-	19.70	.54	35	-	-	-	55.24
Ascorbic Acid Tablets	4.88 M/T	-	.50 M/T	-	-	-	-	-	.50 M/T
Baked Beans	175	-	145	19	13	-	-	-	164.13
Baking Soda	25	-	13.70	2.60	7	-	-	-	23.30
Banana Powder	56	-	-	-	-	-	-	-	-
Barley, Fodder	21,361	1,393	2,275	3,137	19	-	-	-	6,824
Bean Sacks	1.20	-	-	-	-	-	-	-	-
Beef Extract	269	-	112	-	-	-	-	-	112
Beef Sets, Dry	6	-	-	-	-	-	-	-	-
Carotene	675 BIU	-	343 BIU	117 BIU	29.9 BIU	-	-	81.24 BIU	571.14 BIU
Chicory	3	-	.20	-	3	-	-	-	3.20
Chocolate - Ration D	956	-	3	13	342	-	-	-	358
Citric Acid	1,417	85	430	123.18	323	65	40	35	1,101.18
Citric Extract	1	-	28	-	-	-	-	-	28
Cocoa	3	-	-	2.90	-	-	-	-	2.90
Coffee	45	-	-	13	7	-	-	-	20
Coffee Beans, Green	8,400	-	2,728	541	566	1,133	1,792	-	6,760
Coffee Substitute	23	-	-	1.60	-	-	-	-	1.60
Concentrated Foods	66	-	66	-	-	-	-	-	66
Cornstarch	426	-	366	26	-	-	-	-	392
Cucumber Pickles	66	-	-	25	42	-	-	-	67
Ergosterol	.84	-	-	-	-	-	-	440 #	440 #
Essential Oils	28	-	23	-	1.10	-	-	-	24.10
Fish, Pilchards	22	-	-	-	22	-	-	-	22
Salmons	327	-	-	108	14	-	-	-	122
Fish Liver Oil (Vitamin A & D)	41 T/U	-	-	-	-	-	.89 T/U	1.50 T/U	2.39 T/U
Fruit, Canned	77	-	4	13	4	-	-	-	21
Fruit, Mixed, Dried	952	-	562	289	10.36	-	-	-	861.36
Fruit Extract	8	-	2	1	.88	-	-	-	3.88

COMMUNITY	CLEARANCES									
	Cumulative	Cumulative	July 1, '42	July 1, '43	Oct. 1, '43	January	February	March	Cumulative	
	Action	to	to	to	to	to	to	to	to	
Requisitions	June 30, '42	June 30, '43	Sept. 30, '43	Dec. 31, '43	1944	1944	1944	March 31, 1944		
<u>OTHER AGRICULTURAL COMMODITIES (CON'T)</u>										
Fruit Syrup	1	-	.80	-	-	-	-	-	-	.80
Garlic, Fresh	34	-	2	35	-	-	-	-	-	37
Gelatin	2	-	.61	.48	1	-	-	-	-	2.09
Grapefruit, Lemon, Oranges, Fresh	130	-	2	15	-	-	-	-	-	17
Hazel Nuts, Stalled	3,638	-	-	-	3,696	-	-	-	-	3,696
Hops	19	-	19	-	-	-	-	-	-	19
Kola Nuts	57	57	-	-	-	-	-	-	-	57
Linseed Oil, Drying	1,171	-	28	-	-	-	-	-	-	28
Macaroni	306	-	39	79	6	-	-	-	-	124
Millrun	342	-	475	-	-	-	-	-	-	475
Multi Vitamin Tablets	600.10 M/T	-	-	-	-	-	-	-	-	-
Nicotinamide	74	-	-	-	-	-	-	-	-	-
Nicotinic Acid	47	-	-	7#	3	-	-	3	7#	6
Nutritional Yeast	85	-	-	-	-	34	-	-	-	34
Oat Fodder	6,967	150	1,772	130	4	-	-	-	-	2,056
Oil Cake	-	-	215	-	-	-	-	-	-	215
Onions, Fresh	172	-	-	26	-	-	-	-	-	26
Pine Oil	13	-	-	-	8	-	-	-	-	8
Pepper	16	-	6	173	97	-	-	-	11	287
Potatoes, Fresh	1,585	-	-	946	6	-	-	-	-	952
Riboflavin	705#	-	32.2#	-	22#	-	-	-	25#	79.2 #
Salt	23,880	-	1,506	183	137	-	-	-	-	1,826
Seed, Cryptostegia	15 #	-	15 #	-	-	-	-	-	-	15 #
Seeds, Field	18,594	-	6,955	-	.25	.50	20	-	-	6,975.75
Seeds, Guayula	.56	-	-	-	-	-	-	-	-	-
Seeds, Oil Bearing Plant	448	-	-	-	-	-	-	-	-	-
Seed, Tobacco	2	-	-	-	-	-	-	42#	-	42#
Seeds, Vegetable	5,485	73	2,170	-	628	388	3,341	3,405	-	10,005
Soups and Vegetables, Canned	1,770	-	965	506.21	60	-	-	-	-	1,531.21
Soya Sauce	4	-	4	-	-	-	-	-	-	4
Spices, Other <u>b</u>	56	-	64	16.85	69	-	-	-	-	149.85
Stearin Candles	466	-	99	148	.12	-	-	-	-	247.12
Tea	1,136	-	661	95	154	-	-	-	-	910
Vanilla	23	-	2# .30	12 #	-	-	-	-	-	14# .30
Vanillin	23	-	2#	9.34	.12	-	-	-	-	2# 9.46

COMMODITY	CLEARANCES									
	: Cumulative	: Cumulative	: July 1, '42	: July 1, '43	: Oct. 1, '43	: January	: February	: March	: Cumulative	
	: Action	: to	: to	: to	: to	: 1944	: 1944	: 1944	: to	
	: Requisitions	: June 30, '42	: June 30, '43	: Sept. 30, '43	: Dec. 31, '43				: March 31, 1944	
<u>OTHER AGRICULTURAL COMMODITIES (CON'T)</u>										
Vinegar	: 5,457	: -	: 18	: 123	: 99	: -	: -	: -	: 240	
Vitamin "A"	: 25 M/M	: -	: 12.62 M/M	: 13 M/M	: .844 M/M	: -	: -	: -	: 26.464 M/M	
Vitamin "D"	: 1 M/M	: -	: -	: -	: -	: -	: -	: -	: -	
Walnuts, Shelled	: 3	: -	: 3	: -	: -	: -	: -	: -	: 3	
Yeast, Dry	: 1,025	: -	: 321	: 123.50	: 218	: -	: -	: -	: 662.50	
Yeast Tablets	: 67 M/T	: -	: 7.19 M/T	: 5.61 M/T	: 40 M/T	: -	: -	: -	: 52.80 M/T	
TOTAL	: 4,095,938.60	: 309,347.10	: 971,334.91	: 369,454.20	: 566,591.21	: 221,716	: 121,087	: 139,103	: 2,698,633.42	
	: 1,108#	: -	: 51.2#	: 403#	: 106#	: -	: -	: 507#	: 1,067 #	
	: 26 M/M	: -	: 12.62 M/M	: 13 M/M	: .844 M/M	: -	: -	: -	: 26.464 M/M	
	: 671.98 M/T	: -	: 7.69 M/T	: 5.61 M/T	: 40 M/T	: -	: -	: -	: 53.30 M/T	
	: 675 BIU	: -	: 343 BIU	: 117 BIU	: 29.9 BIU	: -	: -	: 81.24 BIU	: 571.14 BIU	
	: 41 T/U	: -	: -	: -	: -	: -	: -	: .99 T/U	: 1.50 T/U	: 2.39 T/U

\* Previous to July 1, 1943 included in Canned Meat.

/a Lard, Tallow, Oleo Oil, and Rendered Pork Fat.

/b Other Spices includes Cinnamon, Mustard, All Spice, Coriander, Ginger, Laurel Leaves, Mustard Seeds and Poppy Seeds, Anise, Bay Leaves, and Cloves.

/1 Equivalent to 2,248 tons of Canned Meat.

/2 Equivalent to 2,019 tons of Canned Meat.

/3 Equivalent to 12,195 tons of Canned Meat.

/4 Equivalent to 1,233 tons of Canned Meat.

/5 Equivalent to 208 tons of Canned Meat.

/6 Equivalent to 1,943 tons of Canned Meat.

/7 Equivalent to 190.46 tons of Canned Meat.

/8 Equivalent to 2 tons of Canned Meat.

/9 Equivalent to 14 tons of Canned Meat.

/10 Equivalent to 16 tons of Canned Meat.