

Lend Lease - Sep 1943

*C. F.*  
*Lend Lease*  
*PSF*

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*Emm*

WAR DEPARTMENT  
WASHINGTON

8 September 1943.

The President,  
The White House.

Dear Mr. President:

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

The War Department is proceeding with the procurement of materials called for under the proposed Third Protocol, although the document has not been signed and no final selection has been made by the Union of Soviet Socialist Republics of all the ground military items to be delivered against the overall tonnage commitments of the proposed Third Protocol. Exclusive of aircraft, offerings specifically listed in the proposed Third Russian Protocol, for which the War Department has procurement responsibility, plus items specifically listed in the Second Protocol procured by the War Department and available but not exported as of 30 June, 1943, total approximately 1,657,672 short tons. Against this total offering the Union of Soviet Socialist Republics' selections of ground items to date aggregate 328,292 short tons, all but 18,366 of which have been made available.

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

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

Faithfully yours,

*Henry Stimson*

SECRETARY OF WAR.

*x220*  
*x4193*

Incl:  
Tabs A through D.

*x25*

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TABULATION "A"

SUMMARY OF STATUS OF MILITARY GROUND ITEMS

The following statement summarizes the status of Military Ground Items of the Third Russian Protocol as of 31 August, 1943, detailed in the tabulations attached.

<u>General Classification</u>	<u>Third Protocol Offering</u>	<u>Tonnage</u>	
		<u>U.S.S.R.** Selections</u>	<u>Selections Made Available</u>
Ordnance Items	1,065,397	253,496	236,138
Signal Items	24,200	9,136	8,880
Quartermaster Items	57,800	12,484	12,483
Chemical Items	265,075	52,838	52,179
Transportation Items	244,000	80	-
Medical Items	1,200	258	246
Total	1,657,672*	328,292	309,926

\* Including 57,431 tons offered and made available on the Second Protocol reoffered under the Third Protocol.

\*\* In the absence of specific selection by U.S.S.R. under the Third Protocol "U.S.S.R. Selections" include quantities (1) assigned since 30 June, 1943, (2) quantities assigned prior to 30 June, 1943, but made available thereafter, and (3) quantities available but not exported prior to 30 June, 1943, and exclude Type B "Supplemental Protocol Items" shown on Tab D.

In addition to Third Protocol items reflected in the attached tabulation, the following dollar values and tonnages of quantities have been made available during the Third Protocol period:

	<u>Value</u>	<u>Tonnage</u>
Ordnance	\$1,718,500	25,787
Engineers	1,899,236	9,466
Quartermaster	67,580	47
Signal	780	.7
	<u>\$3,686,096</u>	<u>35,297.7</u>

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Date-

JAN 25 1972

Signature-

*[Handwritten Signature]*

Repossessions of Military materiel since 30 June, 1943, totals 9,573 tons of which 1,930 tons can be charged to 82 Field Repair Shop vehicles and the balance of 7,643 to sundry ammunition. Items repossessed were made available under the Second Protocol.

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WAR DEPARTMENT

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

<u>Item</u>	<u>Protocol Number</u>	<u>Third Protocol Offering</u>		<u>U.S.S.R. Selections</u>		<u>Selections Made Available</u>		<u>Remarks</u>
		<u>Quantity</u>	<u>Tonnage</u>	<u>Quantity</u>	<u>Tonnage</u>	<u>Quantity</u>	<u>Tonnage</u>	
Medium <u>Tanks</u>	I 2	2,000	60,600	500	15,000	212	6,727	
90mm AA <u>Guns</u>	I 3	80(a) 20(b)	792 173	80(a) 20(c)	792 173	20(c)	173	
40mm AA	I 4a	1,300(a) 1,175(b)	3,510 3,175	1,300(a) 1,175(c) 360(d)	3,510 3,175 162	1,175(c) 1,050 360(d)	3,175 472 162	
.50 caliber AA Machine Guns	-	-	-	600(d)	28	600(d)	28	

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Signature- *RAH*

LEGEND:

- In cases where assignment of an item, carried in Second Protocol but not specifically listed in the Third Protocol, is made during the Third Protocol period it is construed to be both an offering and selection.
- Where quantities offered on the Second Protocol were not exported as of 30 June, 1943, they were reoffered under the Third Protocol.
- All materials made available against the Second Protocol and unshipped as of 30 June, 1943, are considered to have been selected by U.S.S.R. for shipment against the Third Protocol tonnage commitment unless specifically declined by U.S.S.R.
- Quantities made available during the Third Protocol period against Second Protocol "authority to transfer" are interpreted to be a Third Protocol selection until declined by U.S.S.R.

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Item	Protocol Number	Third Protocol Offering		U.S.S.R. Selections		Selections Made Available		Remarks
		Quantity	Tonnage	Quantity	Tonnage	Quantity	Tonnage	
<u>Vehicles</u>								
Scout Cars, M3A1 w/armament	I 9a	4,500	19,822	500	2,200	40	176	
Trucks $\frac{1}{2}$ ton 4x4 (Jeeps)	I 9b	24,000	117,700	6,404	31,379	6,404	31,379	
Trucks	I 10	132,000	643,800	25,751	125,407	25,751	125,407	
Field Repair Shops	I 34	*553(b)	2,197	553(b)	2,197	553(b)	2,197	
Motorcycles	I 17	12,000	9,900	2,900	2,393	2,900	2,393	
<u>Prime Movers for Artillery I 18</u>								
Tractor, Medium M1		1,680	34,000	230	1,225	230	1,225	
Tractor, Heavy M1		720	18,000	16	203	16	203	
Car, Half Track M9		600	5,730	100	680	50	340	
<u>Explosives</u>								
Toluol (tons)	I 13a	40,320	44,400	6,527(c) 7,180	6,527 7,180	6,527(c) 6,849	6,527 6,849	
TNT (tons)	I 13b	26,880	30,600	23,493(c) 2,450	23,493 2,450	23,493(c)	23,493	
Powder (tons)	I 14	72,700	75,300	8,825(c) 16,497	8,825 16,497	8,825 16,387	8,825 16,387	

\* Revised

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Date- JAN 2 1982  
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Note 1:

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

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

AMMUNITION (rounds)

Cart. AP cal. .30	20,000,000
Cart. Tracer cal. .30	4,000,000
Cart. Short Tracer, cal. .30	4,000,000 (a)
Cart. Incendiary cal. .30	42,000,000 (b)
Cart. Ball cal. .45	34,000,000
Cart. AP cal. .50	10,000,000
Cart. Incendiary cal. .50	17,200,000 (c)
Cart. Tracer cal. .50	2,000,000
Link, Metallic Belt cal. .30	41,000,000
Cart. 20mm AP	300,000
Shell HE, 90mm AA	76,000
Cart. 20mm HE	400,000
Projectile APC, 90mm AA	4,000
Shell HE s/c 75mm Gun	100,000
Projectile APC, 75mm Gun	100,100
Shot AP, 57mm T & AT	100,000

- (a) 3,000,000 rounds chargeable to United Kingdom Protocol commitment.
- (b) 12,000,000 rounds chargeable to United Kingdom Protocol commitment.
- (c) 1,200,000 rounds chargeable to United Kingdom Protocol commitment.

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<u>Item</u>	<u>Protocol Number</u>	<u>Third Protocol Offering</u>		<u>U.S.S.R. Selections</u>		<u>Selections Made Available</u>	
		<u>Quantity</u>	<u>Tonnage</u>	<u>Quantity</u>	<u>Tonnage</u>	<u>Quantity</u>	<u>Tonnage</u>
<u>Signal Equipment</u>							
Telephones, Field	I 11	100,000	600	42,249(c) 18,877	253 113	42,249(c) 18,877	253 113
Wire, Field Telephone (miles)	I 12	186,000	7,720	141,042 (c) 24,299	5,781 911	141,042(c) 24,299	5,781 911
Radio Tubes	I 23	2,400,000	520	356,585	55	356,585	55
Field Battery Charging Station (1½ KW)	I 24	4,000	1,260	2,524(c) 24	795 2	2,524(c) 24	795 2
Radio Beacons	I 26	-	-	12(d)	63	12(d)	63
Radio Direction Finding Sets	I 27	150	830	-	-	-	-
Measuring and Test Equip- ment and Radio Parts	I 28	\$3,000,000	350	\$108,228	88	\$108,228	88
Radio Stations - Output over 1 KW		61	910	8	65	8	65
Radio Stations - Output less than 1 KW		11,800	11,850	2,036	999	1,016	743
Radio Receivers		2,000	160	500	10	500	10
Radio Altimeters		-	-	10	1	10	1

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<u>Item</u>	<u>Protocol Number</u>	<u>Third Protocol Offering</u>		<u>U.S.S.R. Selections</u>		<u>Selections Made Available</u>		<u>Remarks</u>
		<u>Quantity</u>	<u>Tonnage</u>	<u>Quantity</u>	<u>Tonnage</u>	<u>Quantity</u>	<u>Tonnage</u>	
<u>Quartermaster Items</u>								
Sole Leather (tons)	II 71	18,000	18,000	4,250(c) 850	4,250 850	4,250(c) 850	4,250 850	
Army Boots (pairs)	II 72	3,600,000	9,000	137,468(c) 502,183	343 1,331	137,468(c) 502,183	343 1,331	
Woolen Cloth (yards)	II 73a	18,000,000*	16,300	881,314	942	881,314	941	* Undetermined Second Protocol carryover to be considered as an additional offering.
Cotton Cloth (yards)	II 73b	25,000,000	7,000	-	-	-	-	
Tarpaulin (yards)	-	3,000,000	2,300	-	-	-	-	
Webbing (yards)	II 75	6,000,000 20,050,958(b)	1,200 4,000	6,492,929 20,050,958(c)	768 4,000	6,492,929 20,050,958(c)	768 4,000	
<u>Chemicals</u>								
Phenol (tons)	II 36	12,000 4,118(b)	12,000 4,118	750 4,118(c)	750 4,118	750 4,118(c)	750 4,118	
Sodium Bromide (tons)	II 39	359(b)	359	359(c)	359	359(c)	359	
Phosphorus (tons)	II 40	600(b)	600	600(c)	600	600(c)	600	
Ammonium Chloride (tons)	II 48	4,149(b)	4,149	4,149(c)	4,149	4,149(c)	4,149	
Potassium Nitrate (tons)	II 50	900(b)	900	900(c)	900(c)	900(c)	900	

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<u>Item</u>	<u>Protocol Number</u>	<u>Third Protocol Offering</u>		<u>U.S.S.R. Selections</u>		<u>Selections Made Available</u>		<u>Remarks</u>
		<u>Quantity</u>	<u>Tonnage</u>	<u>Quantity</u>	<u>Tonnage</u>	<u>Quantity</u>	<u>Tonnage</u>	
<u>Chemicals (Cont'd)</u>								
Ammonium Cyanide (tons)	II 51	1.7(b)	1.7	1.7(c)	1.7	1.7(c)	1.7	
Resorcinol (tons)	II 53	70(b)	70	70(c)	70	70(c)	70	
Barium Peroxide (tons)	II 54	75(b)	75	75(c)	75	75(c)	75	
Ethylene Glycol (tons)	II 38	3,360 4,134(b)	3,700 4,547	4,134(b)	4,547	4,134(b)	4,547	
Ethyl Alcohol (tons)	II 38a	107,520 237(b)	122,600 270	237(c)	270	237(c)	270	
Dibutylphthalate (tons)	II 41	1,377	1,377	-	-	-	-	
Dimethylaniline (tons)	II 42	1,602	1,602	-	-	-	-	
Diphenylamine (tons)	II 43	936	936	-	-	-	-	
Colloxyline (tons)	II 44	682(b)	682	682(c)	682	682(c)	682	
Methanol (tons)	II 45	6,720 2,992(b)	7,700 3,410	2,992(c)	3,410	2,992(c)	3,410	
Urotropine (tons)	II 46	6,720	7,600	1,025	1,025	445	445	
Strontium Oxalate (tons)	II 55	56(b)	56	56(c)	56	56(c)	56	

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Date- JAN 25 1989  
Signature- [Signature]

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<u>Item</u>	<u>Protocol Number</u>	<u>Third Protocol Offering</u>		<u>U.S.S.R. Selections</u>		<u>Selections Made Available</u>		<u>Remarks</u>
		<u>Quantity</u>	<u>Tonnage</u>	<u>Quantity</u>	<u>Tonnage</u>	<u>Quantity</u>	<u>Tonnage</u>	
<u>Chemicals (Cont'd)</u>								
Rhodamine	(tons) II 56	2(b)	2	2(c)	2	2(c)	2	
Thorium	(tons) II 57	23(b)	23	23(c)	23	23(c)	23	
Cerium Metal	(tons) II 58	4.5(b)	4.5	4.5(c)	4.5	4.5(c)	4.5	
Potassium Sulphate	(tons) II 60	17,595(b)	17,595	17,595(c)	17,595	17,595(c)	17,595	
Ethyl Centralite	(tons) II 52	162	162	573	573	494	494	
Vistanex	(tons) II 77	560	560	25	25	25	25	
Glycerine	(tons) II 61A11	6,720 2,498(b)	7,400 2,748	2,498(c) 1,689	2,748 1,857	2,498(c) 1,689	2,748 1,857	
Other Chemicals(e)	(tons) II 61A	49,392 8,276(b)	51,552 8,276	8,276(c) 722	8,276 722	8,276(c) 722	8,276 722	

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

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Date- JAN 25 1972

Signature- *[Signature]*

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<u>Item</u>	<u>Protocol Number</u>	<u>Third Protocol Offering</u>		<u>U.S.S.R. Selections</u>		<u>Selections Made Available</u>		<u>Remarks</u>
		<u>Quantity</u>	<u>Tonnage</u>	<u>Quantity</u>	<u>Tonnage</u>	<u>Quantity</u>	<u>Tonnage</u>	
<u>Transportation Equipment</u>								
Locomotives		500	94,000	1	80	-	-	
Flat Cars		10,000	150,000	-	-	-	-	
<u>Medical</u>								
Medical Supplies		\$12,000,000	1,200	\$323,133 \$2,262,790(c)	32 226	\$194,544 \$2,262,790(c)	20 226	

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Date-

JAN 25 1972

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~~SECRET~~SUMMARY OF TABULATION "B"

The attached tabulation shows the status of factory deliveries and export of aircraft on the Third Protocol. The total Protocol commitments for July and August have been met by delivery at the factory except in the case of Light Bomber A-20, of which 196 of a total requirement of 200 was made available.

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

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STATUS OF AIRCRAFT ON THE THIRD RUSSIAN PROTOCOL  
AS OF 31 AUGUST, 1943

<u>Type</u>	<u>Protocol Requirement to Date</u>	<u>Available at Factory</u>	<u>Departed from U.S.A.</u>			<u>Still in U.S.A.</u>
			<u>By Air North</u>	<u>South</u>	<u>By Water</u>	
<u>U.S. Account</u>						
Medium Bombers B-25	50	50	28			22 (1)
Light Bombers A-20	200	196	99			97
Fighters	P-40	200	-		158 *	97
	P-39	200	208	98	100	10
Transports C-47	40	55	40			15
Total U.S. Account	<u>690</u>	<u>764</u>	<u>265</u>		<u>258</u>	<u>241</u>
<u>U.K. Account</u>						
Fighters P-39	300	300	281		-	19

\* Estimate

Note 1: Nine (9) enroute or at point of departure.

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Date- JAN 25 1972

Signature- RHP

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SUMMARY OF TABULATION "C"

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

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STATUS OF PROJECTS IN PERSIAN AREA AS OF 21 AUGUST, 1943

	<u>Number Received in Persian Gulf to Date</u>	<u>Number Delivered to U.S.S.R. to Date</u>
Trucks	47,729	40,772
Airplanes:		
A-20	995	961
B-25	124	123
P-40	538	318
P-39	767	351
AT-6	18	18
Total	<u>2,442</u>	<u>1,771</u>

	<u>By Rail at Teheran</u>	<u>By U. S. Trucks</u>	<u>By U.S.S.R. Trucks</u>	<u>By U. K. Trucks</u>	<u>Total</u>
Long tons delivered to U.S.S.R. from 25 July to 21 August, 1943.	61,875	15,206	43,070	17,500	137,651

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Date- JAN 20 1984

Signature- RAC

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TABULATION "D"

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

(Availability figures - reflected as of 31 July, 1943)

<u>General Classification</u>	<u>Estimated Value as of 30 June, 1943</u>	<u>Estimated Value since 30 June, 1943</u>	<u>Total Value to 31 July, 1943</u>
Chemical Warfare Items	\$ 62,624	\$ -	\$ 62,624
Engineer Items	3,217,369	16,347	3,233,716
Quartermaster Items	44,130,520	5,046,105	49,176,625
Signal Items	12,000	9,847	21,847
Ordnance Items	<u>25,465,733</u>	<u>29,015</u>	<u>25,494,748</u>
	<u>\$72,888,246</u>	<u>\$5,101,314</u>	<u>\$77,989,560</u>

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*ABW*  
RECEIVED  
JAN 25 1944  
FURNISHING DIVISION  
HEADQUARTERS  
ARMY AIR FORCE  
WASHINGTON, D. C.

UNITED STATES MARITIME COMMISSION

TO: Steve Early  
FROM: Jerry Land x1705

of possible use  
re press conference

Jerry Land

WAR SHIPPING ADMINISTRATION  
WASHINGTON

ADMINISTRATOR

September 9, 1943

*7*  
*Announced*  
*in the P Sept 14*  
*C. F.*  
*Lend Lease*  
*file*

MEMORANDUM FOR THE PRESIDENT:

Dr. T. V. Soong<sup>\*</sup> and I have executed the charters assigning two Liberty ships to the Chinese Government for operation during the war. The vessels are the CHUNG SHAN and the CHUNG CHENG, named for Dr. Sun Yat Sen and the Generalissimo. The vessels will fly the Chinese flag and carry Chinese unlicensed crews. Because the Chinese have no officers at the present time, the officers will be American, but will be replaced with Chinese officers when the latter become available. Since the vessels remain under our control, we pay the cost of operation.

The two ships will be delivered at San Francisco on September 14th and September 23d, and the Chinese have employed American President Lines as agents to handle the vessels for them.

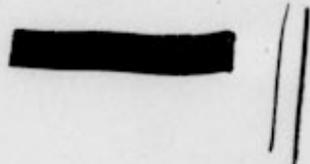
On their first voyages, the vessels are scheduled to carry U.S. Army cargoes to Calcutta, which will probably include some material for the Chinese Army. If practicable, they will be kept in the United States-India service.

*E. S. Land*

E. S. Land  
Administrator

*x 4772*

DECLASSIFIED MAR 21 1973  
E.O. 11652, Sec. 3(C) and 5(D) or (E)  
Commerce Dept It's, 11-15-72



x99  
x150  
x4193

PETROLEUM ADMINISTRATION FOR WAR

WASHINGTON 25, D. C.

SEP 9 1943

*L. F.*  
*Lend Lease*

*file*

My dear Mr. President:

I am pleased to enclose our September 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 Z. Parks*

Petroleum Administrator for War.

*X4435*

*x220*

*x4193*

*x56*

*x56-B* The President,

The White House.

Enclosure.

PETROLEUM ADMINISTRATION FOR WAR

WASHINGTON

SUPPLIES FOR THE U.S.S.R.

REPORT TO THE PRESIDENT

SEP 9 1943

PETROLEUM PRODUCTS

According to a communication addressed by the Russian Embassy to the State Department on September 1, the quantity of petroleum products to be supplied to Russia by the United States under the Third Protocol (July 1, 1943 - June 30, 1944) is to be decreased from 565,000 to 360,000 short tons. No indication has yet been received as to the quantity-product makeup of the 360,000 tons, but it is assumed that aviation gasoline and blending agents will form the major part. The reduction is a part of a decrease in various products, totaling almost 1,500,000 short tons, which is made, according to the Embassy's communication, "with the purpose of reconciling the amount of deliveries with available shipping facilities".

Actually the quantity of petroleum products to be supplied by the United States would be decreased by only 85,000 tons, and not by 205,000 tons as indicated. This arises from the fact that a condition of the arrangement is that the British Government deliver 10,000 tons monthly of aviation gasoline from Iran to Russia during the Third Protocol year, and that the United States Government make replacement shipments for the British without deduction of such replacement quantities from allocations in favor of the Russians.

The following tabulation summarizes the petroleum product shipments that have been made to the USSR during the period June 22, 1941 (the date of the German invasion of Russia) to August 31, 1943:

Aviation Gasoline and Blending Agents	3,540,355 Bbls.
Motor Gasoline	764,791 "
Miscellaneous Naphtha and Kerosene	41,519 "
Gas Oil	262,691 "
Fuel Oil	27,831 "
Lubricating Oil	160,042 "
Grease	5,888 "
Tetraethyl Lead	14,641 "
Lubricating Oil Additives	22,539 "
Total -	<u>4,840,297</u> "

Ceresine and Paraffin Wax 2,987 Short Tons.

Shipments diverted to the United Kingdom while en route to North Russia have been eliminated from these figures, and replacement shipments from the United Kingdom to North Russia have been included. Also included are 180,500 barrels of 100 octane aviation gasoline supplied in July and August from Abadan under an exchange arrangement.

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MAR 21 1973

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

Interior Dept. Hq., 11-3-72

The tabulation given below shows the quantities of aviation gasoline and blending agents furnished since the date of the German invasion, expressed in terms of 100 octane fuel (one barrel of blending agent is considered equivalent to 2.5 bbls. 100 octane gasoline):

Aviation Gasoline and Blending Agents  
expressed as 100 Octane Gasoline

Shipped June 22, 1941 - June 30, 1942	1,317,711 Bbls.
" July 1, 1942 - June 30, 1943	2,124,795 "
" July 1, 1943 - August 31, 1943	1,574,651 "
Total -	5,017,157 "

(Diversions to the United Kingdom and supplies from Abadan are treated in this tabulation in the same manner as in the preceding one.)

PETROLEUM REFINING PLANTS

Of the 139,000 short tons of equipment involved in the six refining plants and units that are being furnished under the Second Protocol, as of August 31 approximately 75,000 tons had been shipped and an additional 58,000 tons either were ready for shipment at United States ports or were en route from manufacturers' plants to the ports to be loaded on vessels as the Russians allocate shipping space. A further 2500 tons are expected to be delivered promptly. The final 3500 tons are not required at this time, but will be delivered to ports by January 1, 1944, in accordance with an arrangement made with the Russians a number of months ago. It will be seen therefore that the August 31 ship-side goal set many months ago for this program has been substantially met, though it should be borne in mind that this achievement was possible only at the expense of delay to the United States and to other foreign aviation gasoline refinery projects.

That part of the refining equipment under the Third Protocol which the Russians have indicated as urgent consists of two Houdry catalytic cracking units with gas concentration plants, and one sulphuric acid alkylation unit, together with utilities for all three installations. These plants are intended as additions to Plant No. 3 (situated at Buguruslan, about 165 kilometers northeast of Kuibyshev) and Plant No. 4 (situated at Krasnovodsk, on the eastern side of the Caspian Sea), which are being supplied under the Second Protocol. The total aviation fuel production of these new units would be the equivalent of approximately 6500 barrels per stream day of 100 octane gasoline. About 45,000 tons of strategic material to be supplied from the United States would be involved in their construction, and in the furnishing of the utilities for them. Their cost, inclusive of engineering, would be approximately 23 million dollars.

The special priority which was assigned to the furnishing of the plants under the Second Protocol, which gave them precedence over all other projects being turned out of United States shops, materially retarded the fulfillment of the United States 100 octane aviation gasoline production program. Both the Petroleum Administration for War and the War Production Board are of the opinion that if these three urgently desired items under the Third Protocol are to be furnished, they should not be granted a special urgency which might interfere with the United States program even to a greater extent than was the case under the Second Protocol.

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

Based upon the present schedules of the shops which supply petroleum refinery equipment, it is estimated that if the Russian program is granted the same priorities as are assigned to such plants in the United States program, the three new units for Russia should be in a position to produce in the second half of 1945. However, should any material increase take place in the rate of orders to these shops, normal priorities as assigned to the United States plants would not be sufficient to secure some of the necessary materials for the plants on the USSR program. In such a case, assignment of the necessary higher ratings might interfere with the aviation gasoline program of the United States Armed Forces and with the Navy's shipbuilding program. We are informed that because of this the War Department takes the position that the Russian program should not be approved unless this is required by political considerations. The Army and Navy have both indicated that they would prefer shipping aviation fuel to the Russians, rather than furnishing the requested refining equipment.

We understand that the decision on the furnishing of this equipment will be requested from higher authorities. In the meantime we are continuing our discussions with the Soviet Government Purchasing Commission with regard to the technical phases of the requirements in this Third Protocol "urgent program".

#### OILFIELD EQUIPMENT

Estimates of requirements of various kinds of equipment for the first quarter of 1944 have been prepared and presented to the Office of Lend-Lease Administration for use in obtaining allotments of critical materials from the War Production Board under the Controlled Materials Plan. No requirements have yet been submitted by the Russians for material desired under the Third Protocol.

The Soviet authorities have assigned highest shipping priority to oilfield equipment. As a result, all such items are now being exported as soon as they are shipped to ports of embarkation.

#### RECOMMENDATIONS

We have no recommendations to make at this time.

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

PSF

THE SECRETARY OF THE NAVY  
WASHINGTON

*C.F.*  
*Lend Lease*

(SC)L11-7/EF 61  
Serial 0132512

~~CONFIDENTIAL~~

*file*

9 - SEP 1943

Dear Mr. President:

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

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

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

Respectfully submitted,  
*W. L. Rorer*

Acting Secretary of the Navy

*x 18*

The President  
The White House

*x 220*  
*x 4193*

Franklin D. Roosevelt Library

DECLASSIFIED

100 DFR 5200.9 (9/27/68)

Date- JAN 25 1972

Signature- *RFR*

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

ITEM	AMOUNT REQUESTED	DELIVERED PRIOR TO JULY 1 '42	DELIVERED BETWEEN JULY 1942 AUG. 1943	DELIVERY SCHEDULE FOR SEPT. 1943	DELIVERY SCHEDULE FOR OCT. 1943	DELIVERY SCHEDULE FOR NOV. 1943	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
MARINE DIESEL ENGINES (1100-1600 HP)	18	0	4	0	2	2	10	DEC 1943 - FEB 1944
MARINE DIESEL ENGINES (75-170 HP)	802	0	38	6	6	6	746	UNSCHEDULED
MARINE GASOLINE ENGINES	2,757	0	237	240	77	100	2,103	UNSCHEDULED
MARINE DIESEL ENGINES (BELOW 75 HP)	982	0	32	0	0	0	950	UNSCHEDULED
ELECTRIC STEERING GEAR	10	0	10	0	0	0	0	
PATHOMETER RECORDERS	4	0	4	0	0	0	0	
LINOLEUM	20,000 METERS	0	20,000 METERS	0	0	0	0	
TURBO-VENTILATORS	24	0	24	0	0	0	0	
EXHAUST MUFFLERS FOR 900 HP ENGINES	2 SETS	0	2 SETS	0	0	0	0	
WATERPROOF SIRENS	2	0	2	0	0	0	0	
CABLE	5,000 METERS	0	0	0	0	0	5,000	UNSCHEDULED
RADIO AND TELEPHONE TRANSMITTERS	9	0	9	0	0	0	0	
VOLT METERS	16							
AMMETERS	20							
CIRCUIT BREAKERS	8	0	100%	0	0	0	0	
SWITCHES	1,320							
MARINE PUMPS	163	0	0	0	0	0	163	UNSCHEDULED
RADIO RECEIVERS	418	0	89	0	4	0	325	UNSCHEDULED
STORAGE BATTERIES FOR SUBMARINES	50	0	2	2	3	3	40	DEC 1943 - JUNE 1944
WOODEN SUBMARINE CHASERS	92	0	35	25	8	4	20	DEC 1943 - APRIL 1944
WOODEN MOTOR TORPEDO BOATS	80	0	12	0	13	7	48	DEC 1943 - JULY 1944

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

ITEM	AMOUNT REQUESTED	DELIVERED PRIOR TO JULY 1 '42	DELIVERED BETWEEN JULY 1942 AUG 1943	DELIVERY SCHEDULE FOR SEPT. 1943	DELIVERY SCHEDULE FOR OCT. 1943	DELIVERY SCHEDULE FOR NOV. 1943	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
LANDING BOATS - LCM (3)	30	0	30	0	0	0	0	
TWIN SCREW TUG BOATS	15	0	0	0	0	0	15	UNSCHEDULED
BEARINGS FOR PACKARD ENGINES	138 8	0	100	0	0	0	38	FEB 1944
TELEGRAPH INDICATORS	4	0	4	0	0	0	0	
AIR COMPRESSORS	3	0	3	0	0	0	0	
DESK CLOCKS	4	0	4	0	0	0	0	
CHRONOMETERS	12	0	12	0	0	0	0	
MARINE STEAM DYNAMO	1	0	1	0	0	0	0	
OUTBOARD MOTORS	500	0	100	0	0	0	400	MARCH 1944-APRIL 1944
DIVING STATIONS	83	0	0	0	20	20	43	DEC 1943-FEB 1944
FLEXIBLE PERISCOPE ROPE	50,000 FT.	0	50,000 FT.	0	0	0	0	
LANTERNS AND FLASHERS	982	0	300	0	0	0	682	UNSCHEDULED
FORGINGS FOR PROPELLER SHAFTS AND COUPLINGS	3	0	0	0	0	0	3	MARCH 1944
GASOLINE-OIL FILTERS	800	0	59	300	441	0	0	
THERMOSTATS AND PRESSURE INDICATORS	800	0	59	300	441	0	0	
ELECTRICAL TACHOMETERS	201	0	90	111	0	0	0	
DIVING EQUIPMENT	100	0	0	20	60	20	0	
REFLECTORS FOR PROJECTORS	10	0	10	0	0	0	0	
ELECTRIC CRANES	4	0	0	0	0	0	4	UNSCHEDULED
AIR VALVES	194	0	0	0	0	0	194	UNSCHEDULED
PRESSURE INDICATORS	200	0	100	0	50	50	0	
CENTRIFUGAL FANS	47	0	0	0	0	0	47	DEC. 1943
LIGHTING FIXTURES	1 LOT	0	0	0	0	0	1 LOT	DEC. 1943
ELECTRICAL EQUIPMENT	6 LOTS	0	0	0	0	0	6 LOTS	UNSCHEDULED
RADIO TUBES	580	0	580	0	0	0	0	

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

ITEM	AMOUNT REQUESTED	DELIVERED PRIOR TO JULY 1 '42	DELIVERED BETWEEN JULY 1942 AND AUG. 1943.	DELIVERY SCHEDULE FOR SEPT. 1943	DELIVERY SCHEDULE FOR OCT. 1943	DELIVERY SCHEDULE FOR NOV. 1943	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
BUOYS	100	0	0	0	0	0	100	UNSCHEDULED
ACETYLENE GAS ACCUMULATORS	700	0	0	0	0	0	700	UNSCHEDULED
WATER DISTILLING UNITS FOR SUBMARINES	5	0	0	0	5	0	0	
SEARCHLIGHT PROJECTORS	20	0	10	10	0	0	0	
STEERING GEAR	35	0	0	0	0	0	35	UNSCHEDULED
BINOCULARS	55	0	55	0	0	0	0	
DIVING COMPRESSORS	3	0	0	0	0	0	3	UNSCHEDULED
SHAFTLINES	100	0	0	0	0	0	100	UNSCHEDULED
PROPELLERS	200	0	0	0	0	0	200	UNSCHEDULED
TRANSMITTING TUBES	1 LOT	0	0	0	0	0	1 LOT	UNSCHEDULED
MOTOR TORPEDO BOAT WATER AND OIL COOLERS	950 EACH	0	0	0	0	0	950 EACH	DEC. 1943
SHORE DIRECTION FINDERS	18	0	9	0	0	0	9	UNSCHEDULED
SEARCHLIGHTS	3	0	0	0	0	0	3	UNSCHEDULED
AIR TANKS	15	0	0	15	0	0	0	
ROTARY AND CHANGEOVER SWITCHES	4,365	0	4,365	0	0	0	0	
VERTICAL STEAM BOILER	1	0	0	1	0	0	0	
SUBMARINE RESCUE CHAMBER	1	0	1	0	0	0	0	
POTASSIUM TETRACIDE	1,120,000 lbs	0	652,615	58,385	48,000	45,000	316,000	UNSCHEDULED
20 MM AA GUNS COMPLETE	1,500	0	1,238	50	50	50	112	50 PER MONTH
ROUNDS 20 MM AA AMMUNITION	8,000,000	0	5,413,620	100,000	100,000	100,000	2,286,380	100,000 ROUNDS PER MONTH
5"/38 D.P. EQUIPMENTS, GUNS MK 30, HANDWHEEL BRACKETS NO POWER DRIVES	150	0	30	50	50	20	0	
5"/38 CALIBER SINGLE LOADING MACHINE MK 14 MOD 4 AND SPARE PARTS	64	0	8	25	25	6	0	
5"/38 A.A. AMMUNITION	66,000	0	10,520	5,000	5,000	5,000	40,480	5,000 ROUNDS PER MONTH

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

ITEM	AMOUNT REQUESTED	DELIVERED PRIOR TO JULY 1 '42	DELIVERED BETWEEN JULY 1942 AUG. 1943	DELIVERY SCHEDULE FOR SEPT. 1943	DELIVERY SCHEDULE FOR OCT. 1943	DELIVERY SCHEDULE FOR NOV. 1943	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
5"/38 COMMON AMMUNITION	15,000	0	2,100	0	0	0	12,900	THIS TYPE AMMUNITION WILL NOT BE FURNISHED. A.A. COMMON TO BE SUBSTITUTED.
5"/38 ILLUMINATING AMMUNITION	3,000	0	420	2,080	500	0	0	
3"/50 D.P. EQUIPMENTS	300	0	92	104	104	0	0	
3"/50 CALIBER LOADING MACHINES MK 7 MOD.1	100	0	5	78	17	0	0	
3"/50 A.A. AMMUNITION	283,500	0	90,587	145,663	47,250	0	0	
3"/50 DUMMY DRILL AMMUNITION	1,000	0	360	320	320	0	0	
3"/50 ILLUMINATING AMMUNITION	15,000	0	7,350	3,825	3,825	0	0	
F.S. MIXTURE FOR SMOKE SCREEN GENERATORS	19,200 GALLONS	0	7,700	0	0	0	11,500	UNSCHEDULED
SETS OF EQUIPMENT FOR FILLING SMOKE SCREEN GENERATORS	5	0	2	0	0	0	3	UNSCHEDULED
TORPEDO TUBE TESTING SETS MK1 MOD 3	10	0	0	0	0	0	10	FEB 1944

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

ITEM	AMOUNT REQUESTED	DELIVERED	DELIVERED	DELIVERY	DELIVERY	DELIVERY	BALANCE TO BE DELIVERED	SCHEDULE TIME TO DELIVERING OF BALANCE
		PRIOR TO JULY 1, '42	BETWEEN JULY 1942 AUG. 1943	SCHEDULE FOR SEPT. 1943	SCHEDULE FOR OCT. 1943	SCHEDULE FOR NOV. 1943		
PETROLEUM PRODUCTS (SHORT TONS)	312,815	49,650	214,828	19,832	18,106	10,399	0	
50 CALIBER TWIN MOUNTS HAND OPERATED MK 17 COMPLETE WITH CRADLE AND SPARE PARTS	200	0	130	50	20	0	0	
50 CALIBER GUNS COMPLETE WITH SPARE PARTS	450	0	260	100	90	0	0	
MINESWEEPERS	10	0	4	3	3	0	0	
MOTOR TORPEDO BOAT WATER AND OIL COOLERS	810 each	0	810 each	0	0	0	0	
MARINE DIESEL ENGINES (1100-1600 HP)	136	0	134	0	2	0	0	
MARINE DIESEL ENGINES (170-1100 HP)	248	0	54	43	63	32	56	DECEMBER 1943
MARINE DIESEL ENGINES (75-170 HP)	122	0	115	7	0	0	0	
MARINE DIESEL GENERATORS	1,310	2	264	81	58	40	865	DEC 1943 - FEB 1944
MARINE GASOLINE ENGINES	2,170	0	2,170	0	0	0	0	
TURBO GENERATORS	14	0	14	0	0	0	0	
MECHANICAL AND ELECTRICAL EQUIPMENT FOR TUBS	3 SETS	0	PARTIAL	PARTIAL	PARTIAL COMPLETE	0	0	
STORAGE BATTERIES FOR SUBMARINES	15	0	15	0	0	0	0	
SHIP AND SHORE RADIO STATIONS	26	0	26	0	0	0	0	
RADIO DIRECTION FINDERS	4	0	4	0	0	0	0	
SOUND MEASURING AND TESTING EQUIPMENT	5	0	5	0	0	0	0	
ELECTRIC STEERING GEAR	4	0	4	0	0	0	0	
DEPTH SOUNDERS	3	0	3	0	0	0	0	
ELECTRICAL SPARE PARTS FOR DIESEL ENGINES	243 ITEMS	2%	96%	2%	0	0	0	
CHAIN HOISTS	309	1	308	0	0	0	0	
TURBO-VENTILATORS	8	0	8	0	0	0	0	

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

ITEM	AMOUNT REQUESTED	DELIVERED PRIOR TO JULY 1 1942	DELIVERED BETWEEN JULY 1942 AUG. 1943	DELIVERY SCHEDULE FOR SEPT. 1943	DELIVERY SCHEDULE FOR OCT. 1943	DELIVERY SCHEDULE FOR NOV. 1943	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
PNEUMATIC HAMMERS	200	0	200	0	0	0	0	
STADIMETERS	150	0	150	0	0	0	0	
MICROMETERS, SEXTANTS, BINOCULARS	40 EACH	0	40 EACH	0	0	0	0	
STATIONARY COMPRESSORS	2	0	2	0	0	0	0	
ELECTRIC MOTORS	1,220	0	0	0	0	0	1,220	DEC 1943 - FEB 1944

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

ITEM	AMOUNT REQUESTED	DELIVERED PRIOR TO JULY 1 1942	DELIVERED BETWEEN JULY 1942 AUG. 1943	DELIVERY SCHEDULE FOR SEPT. 1943	DELIVERY SCHEDULE FOR OCT 1943	DELIVERY SCHEDULE FOR NOV. 1943	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
ELECTRIC VENTILATING SETS	649	0	649	0	0	0	0	
SCRIPPS ENGINES	66	0	0	0	0	0	66	DEC 1943 - JAN 1944
AIR TANKS	15	0	0	15	0	0	0	
RADIO BEACONS	5	0	0	0	0	0	5	UNSCHEDULED
WINDLASSES WITH MOTORS	5	0	4	0	0	0	1	UNSCHEDULED
AUXILIARY EQUIPMENT FOR SHIPS	10 SETS	0	0	0	0	0	10 SETS	DEC 1943 - FEB 1944
VERTICAL STEAM BOILER	10	0	1	9	0	0	0	
WATERTIGHT JUNCTION BOXES	240	0	0	240	0	0	0	
JETTING EQUIPMENT FOR SALVAGE OPERATIONS	20 SETS	0	0	20 SETS	0	0	0	
TOWING WINCHES 220 V	10	0	0	0	0	0	10	JAN 1944
MARINE DIESEL ENGINES (1100-1600 HP)	50	0	0	0	4	4	42	UNSCHEDULED
MARINE DIESEL ENGINES (170-1100 HP)	230	0	7	5	26	27	165	DEC 1943 - AUG 1944
MARINE DIESEL ENGINES (30-100 HP)	263	0	0	0	0	0	263	UNSCHEDULED
MARINE PUMPS	257	0	76	50	81	40	10	UNSCHEDULED
MARINE DIESEL GENERATORS	484	0	15	10	13	7	439	UNSCHEDULED
20 MM AA GUNS COMPLETE	500	0	0	0	0	0	500	JAN 1944 - JUNE 1944
ROUNDS 20 MM AA AMMUNITION	2,500,000	0	0	0	0	0	2,500,000	JAN 1944 - JUNE 1944
50 CALIBER TWIN MOUNTS MK 22	800	0	0	0	0	150	650	150 PER MONTH
50 CALIBER AA MACHINE GUNS	1,600	0	0	0	0	300	1,300	300 PER MONTH
3"/50 AA AMMUNITION	154,000	0	0	0	38,500	38,500	77,000	38,500 PER MONTH
3"/50 COMMON AMMUNITION	35,000	0	0	0	8,750	8,750	17,500	8,750 PER MONTH
3"/50 ILLUMINATING AMMUNITION	10,000	0	0	0	2,500	2,500	5,000	2,500 PER MONTH
50 CALIBER TWIN MOUNTS MK 17 MOD 1	100	0	0	0	0	50	50	DEC 1943
50 CALIBER AA MACHINE GUNS	200	0	0	0	0	100	100	DEC 1943

Declassified  
per T.O. 160

EEB 2 1972

PSF

*C. F.*  
*Lend Lease*



THE SECRETARY OF THE TREASURY  
WASHINGTON

SEP 10 1943

*file*

My dear Mr. President:

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 September.

The inventory of materials in storage as of September 1, 1943 was 450,571 tons or 93,414 tons less than the August 1st inventory. Production scheduled for September shows a decrease of 22,767 tons as compared with August.

Yours sincerely,

*H. M. [Signature]*  
x21

The President

The White House

x21-2  
x220  
x4193

FOR DEFENSE



BUY  
UNITED  
STATES  
SAVINGS  
BONDS  
AND STAMPS

TREASURY DEPARTMENT - U. S. S. R.

MATERIALS AVAILABLE FROM STORAGE AND PRODUCTION DURING SEPTEMBER, 1943

<u>COMMODITY</u>	<u>STORAGE SEPTEMBER 1, 1943</u>	<u>PRODUCTION DURING SEPTEMBER</u>	<u>TOTAL AVAILABLE</u>	<u>PRIORITY CARGOES TO PORT AREAS SPECIFIED TO DATE FOR SEPTEMBER</u>
AGRICULTURAL MACHINERY AND IMPLEMENTS		19	19	
ALUMINUM	357	9,190	9,547	1,000
AUTOMOTIVE EQUIPMENT AND PARTS		52	52	
BEARINGS	391	564	955	150
BRASS AND BRONZE	9,068	1,246	10,314	4,000
CHEMICALS	6,181	98	6,279	5,500
CLOTHING AND TEXTILES		70	70	
CONSTRUCTION MACHINERY		1,339	1,339	
COPPER IN VARIOUS FORMS	61,952	7,091	69,043	2,350
FERRO-ALLOYS	4,032		4,032	
GRAPHITE PRODUCTS	1,474	35	1,509	
HAND AND CUTTING TOOLS		1,712	1,712	1,712
INDUSTRIAL MACHINERY	131,664	21,511	153,175	26,200*
MEDICAL SUPPLIES		21	21	
NICKEL AND NICKEL PRODUCTS	220		220	200
NON-FERROUS METALS, OTHER	154	17	171	170
PAPER AND PAPER PRODUCTS	3,083	235	3,318	250
PLASTICS	6,933		6,933	
RUBBER AND RUBBER PRODUCTS	4,987	7,109	12,096	4,300
STEEL, ALLOY AND SPECIAL	65,493	9,986	75,479	6,300
STEEL, CARBON	111,864	10,568	122,432	6,300
STEEL, PIPES AND TUBES	35,373	3,560	38,933	3,500
STEEL, RAILS	5,289		5,289	5,200
TIN PLATE	2,056	1,788	3,844	1,000
ZINC		<u>1,000</u>	<u>1,000</u>	<u>1,000</u>
TOTAL	450,571	77,211	527,782	69,132

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

Declassified per T.O. 160  
FEB 2 1972

*L. F. Lend Lease*

WAR SHIPPING ADMINISTRATION  
WASHINGTON 25, D. C.

*fil*

ADMINISTRATOR

September 10, 1943

MEMORANDUM FOR THE PRESIDENT.

We are off to a good start on our Third Protocol commitments from the West Coast. During August we cleared a total of 293,221 long tons of which 267,614 represented dry cargo and 25,607 tanker cargo. This represents a gain of 84,066 tons over July when we lifted 209,155 long tons (protocol commitment about 200,000 long tons).

September bids fair to be another good month judging from the number of ships presenting and our hope now is that we will load about 250,000 long tons. It is well that we do build up all the surplus we can during the favorable months for with winter approaching and the present routing via the Strait of Tartary, which freezes in November, there is no telling how much adverse conditions will affect the operation.

The Persian Gulf August results were not up to the previous month, the decrease running between ten and fifteen percent. This was due to shortage of Arab labor which is not unusual at this season of the year as it is busy harvesting the Persian date crop. Notwithstanding the reduced performance of 180,000 long tons, there is a definite improvement every month in some phase of the operation and certainly during the final quarter of this year the monthly discharge rate in the Gulf should average between 225,000 and 250,000 long tons. During August we sailed from the United States 26 Russian

x4193  
x220  
x99  
x134

~~SECRET~~

DECLASSIFIED MAR 21 1973  
E.O. 11652, Sec. 8(E) and 5(D) or (E)  
Commerce Dept ltr, 11-15-72

Lend-Lease ships with a total cargo of 192,235 long tons and 2 Army ships with 9,102 tons of supplies. (See Exhibit A attached). For September we have scheduled 21 sailings, as indicated in Exhibit B attached.

The northern route is still <sup>inactive</sup> ~~quiescent~~ and we have no information as to when operations will be resumed. Since March 1st, last, we have had 8 American controlled ships in the Archangel area awaiting return to the United States, but due to lack of escort their return is still indefinite. Recently, disquieting reports about crew morale aboard these vessels have been reported, which is not surprising considering the fact that most of these ships left the United States last January. Fortunately some relief is now in prospect for the British Admiralty, through Mr. Harriman's efforts, has dispatched from the United Kingdom two destroyers carrying much needed supplies and mail. Furthermore, General Faymonville has been informed of this situation and asked to assist in any steps to improve ships morale.

We are making one more tanker available this month to the Russians, the tanker La Purissima. This brings our grand total of ships transferred to the Russians up to 67, of which 10 are tankers.

Respectfully submitted,

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

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

**SECRET**

x4772

Exhibit A )

PERSIAN GULF SOVIET AID ALLOCATIONS - AUGUST, 1943

	<u>Deadweight</u>	<u>Cubic</u>	<u>Loaded</u>	<u>Sailed</u>	<u>From</u>
<u>DEPARTURES IN UGS #14:</u>					
1. George M. Cohan	10,500	500,245	6,968	August 1	Phila.
2. John A. Dix	10,500	500,245	7,162	August 4	Phila.
3. Richard Henderson	10,500	500,245	7,199	August 3	Phila.
4. John Bell	10,500	500,245	6,963	August 5	Phila.
5. James Madison	10,500	500,245	7,186	August 4	Phila.
6. Charles M. Conrad	10,500	500,245	7,647	August 5	Phila.
<u>DEPARTURES IN UGS #15:</u>					
1. James Lykes	9,400	440,000	6,358	August 11	Phila.
2. William Gaston	10,500	500,245	7,402	August 15	Phila.
3. John M. Clayton	10,500	500,245	7,568	August 13	New York
4. Jose Marti	10,500	500,245	8,304	August 13	Phila.
5. George Taylor	10,500	500,245	8,428	August 13	New York
6. Jubal Early	10,500	500,245	8,229	August 13	New York
7. Julian Poydras	10,500	500,245	7,648	August 13	Phila.
<u>DEPARTURES IN UGS #16:</u>					
1. Edward Everett	10,500	500,245	8,236	August 23	New York
2. William H. Aspinwall	10,500	500,245	7,862	August 23	New York
3. John W. Powell	10,500	500,245	7,739	August 23	Phila.
4. Henry H. Richardson	10,500	500,245	8,061	August 24	Phila.
5. Benjamin Chew	10,500	500,245	8,649	August 23	New York) Phila. )
<u>DEPARTURES IN UGS #17:</u>					
1. John T. Holt	10,500	500,245	7,511	August 24	Phila.
2. Arunah S. Abell	10,500	500,245	8,050	August 29	Phila.
3. John Holmes	10,500	500,245	7,629	August 31	Phila.
<u>INDEPENDENTS:</u>					
1. American Packer	9,116	432,606	6,447	August 8	Phila.
2. Talisse	10,275	418,660	6,966	August 16	Phila.
3. Tosari	9,750	450,000	7,168	August 23	Phila.
4. Cape Spencer	7,416	446,100	5,330	August 25	Phila.
5. Cape Charles	7,485	450,000	5,525	August 23	New York
TOTAL	263,442	12,642,266	192,235		

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( Exhibit A ) Continued

PERSIAN GULF ARMY ALLOCATIONS - AUGUST, 1943

	<u>Deadweight</u>	<u>Cubic</u>	<u>Loaded</u>	<u>Sailed</u>	<u>From</u>
<u>DEPARTURES IN UGS #15:</u>					
1. Richmond P. Hobson	10,500	500,245	4,597	August 10	Charleston
<u>DEPARTURES IN UGS #17:</u>					
1. John N. Moffitt	<u>10,500</u>	<u>500,245</u>	<u>4,505</u>	August 28	Charleston
TOTAL	21,000	1,000,590	9,102		

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( Exhibit B )

PERSIAN GULF SOVIET AID ALLOCATIONS - SEPTEMBER, 1943

	<u>Deadweight</u>	<u>Cubic</u>	<u>Availability Date</u>
<u>VESSELS EXPECTED TO SAIL IN UGS #17:</u>			
1. Alcoa Puritan	9,275	500,245	Sept. 3
<u>VESSELS EXPECTED TO SAIL IN UGS #18:</u>			
1. John W. Garrett	10,500	500,245	Sept. 1
2. Harry Lane	10,500	500,245	Sept. 1
3. Mark Twain	10,500	500,245	Sept. 1
4. Juan de Fuca	10,500	500,245	Sept. 1
5. Cotton Mather	10,500	500,245	Sept. 1
6. Hiram S. Maxim	10,500	500,245	Sept. 2
<u>VESSELS EXPECTED TO SAIL IN UGS #19:</u>			
1. Cushing Eells	10,500	500,245	Sept. 3
2. Alcoa Pointer	9,275	460,000	Sept. 2
3. Black Hawk	10,500	500,245	Sept. 7
4. William M. Stewart	10,500	500,245	Sept. 9
5. Harriet Beecher Stowe	10,500	500,245	Sept. 13
<u>VESSELS EXPECTED TO SAIL IN UGS #20:</u>			
1. Winslow Homer	10,500	500,245	Sept. 15
2. Janet Lord Roper	10,500	500,245	Sept. 15
3. Heywood Broun	10,500	500,245	Sept. 20
4. Hawkins Fudski	10,500	500,245	Sept. 25
<u>INDEPENDENTS:</u>			
1. General Fleisher	7,416	446,100	Sept. 13
2. Cape Ugat	7,416	446,100	Sept. 15
3. Lot Whitcomb	10,500	500,245	Sept. 26
4. Tabian	10,388	438,390	Sept. 27
5. Cape Canaveral	<u>7,416</u>	<u>446,100</u>	Sept. 28
TOTAL	199,411	9,740,365	

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

~~SECRET~~

PSF

*B.F.*  
*Lend Lease*

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

**SECRET**

E. R. Stettinius, Jr.  
Administrator

*file*

September 10, 1943

MEMORANDUM

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

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

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

*E. Stettinius, Jr.*

x220  
x4193

x4559

FOR DEFENSE



BUY  
UNITED STATES  
SAVINGS  
BONDS  
AND STAMPS

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State Dept. Letter, 1-11-72  
By J. Schauble Date FEB 2 1972

**SECRET**

September 10, 1943

THE SOVIET SUPPLY PROGRAM

I. Third Protocol

Selections were received from the Soviet Government on September 1, 1943, in response to Third Protocol Offerings. Specific reductions were authorized in wheat, concentrated foods, ferrous metals, petroleum products and chemicals. Due to supplementary offerings and Canadian offerings, the total amount remaining in the program after making the deductions indicated is greater than originally expected. Procurement of the full program without further control would result in a stockpile of 2,066,000 short tons at the end of the Third Protocol year, instead of the 500,000 short tons originally contemplated.

Control of production so as not to outstrip shipping possibilities will be continued within the framework of the selections.

II. Shipping

August shipments reached 466,700 long tons, which marks a new record for monthly shipments. Coupled with July shipments of 335,600 long tons, it brings total shipments for the first two months of the Third Protocol to a monthly average of 401,150 long tons or 105% of the plan.

Departures for the Persian Gulf increased to 177,000 long tons. This tonnage was carried as 24 full cargoes and as two partial cargoes on other vessels destined for Persian Gulf ports. Since performance in the Persian Gulf area fell below the level reached in July, Soviet requests for the assignment of additional tonnage on the route in September have not been agreed to.

Two vessels in August were torpedoed while proceeding through the Mediterranean. This marks the first loss on any route since June.

West Coast clearances for the Far East totalled 42 vessels with 278,300 long tons. The final two vessels for this year's Arctic movement departed during the early days of August. No vessels were transferred to Soviet registry in August.

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By J. Schauble Date FEB 2 1972

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- 2 -

III. Airplanes

August deliveries of airplanes were sharply reduced over July departures. Only 386 planes cleared in August as against 583 in July. Of the total, 145 were in satisfaction of Protocol commitments of the United Kingdom. The reduction in total departures was caused primarily by modification difficulties on attack bombers which reduced the availability of this type. Flight deliveries over the Alaskan route were only a few less than in July.

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State Dept. Letter, 1-11-72  
By J. Schauble Date **FEB** 2 1972

**SECRET**

WAR PRODUCTION BOARD

WASHINGTON, D. C.

September 15, 1943

*file*  
*Confidential*  
IN REPLY REFER TO:

*C.F.*  
*Lend Lease*  
My dear Mr. President:

The accompanying tabulation shows the progress made during August, and during the two months ending August 31, towards fulfillment of Third Protocol materials and equipment production programs for the Union of Soviet Socialist Republics.

Practically all raw materials programs are now on a satisfactory basis. Some adjustments in steel schedules remain to be made because of a 210,000 S.T. reduction in the Soviet request (i.e. from 710,000 S.T. to 500,000 S.T.), and allocations of a few items, primarily chemicals and ferro-alloys, are being held up pending elimination of excessive stockpiles; but details relative to other programs have been fully worked out and production in accordance with terms of Protocol offers is under way.

In contrast, much remains to be done before industrial equipment programs will be completely rounded out. Although orders for a large part (approximately two-thirds) of the industrial equipment called for by Third Protocol offers were accepted and put into production in advance of the opening of the Third Protocol period, there remained as of July 1, 1943 important blocks of orders still to be placed in the case of a number of categories. To date, many of these orders have not been forwarded to the War Production Board. In consequence, appreciable fractions of programs for tool tips and blanks, small cutting tools, measuring tools, electric furnaces, rolling mill equipment, wire drawing equipment, cranes, compressors, pumps, equipment for blast furnaces, valves and fittings, pneumatic tools, and control instruments and testing machines have not yet been scheduled or even requisitioned. Because of tight supply conditions, or the long-run nature of the equipment involved, several months are required after placement of contracts for shipment of items such as these to begin. The result is that a serious obstacle has been placed in the way of achievement of promised goals in the case of these categories.

The principal reason for holding back these requisitions has been concern over the possibility that industrial equipment stockpiles will get out of hand. As of July 1, stocks of industrial equipment are estimated to have totaled approximately 180,000 short tons shipping weight. New production offered in the Third Protocol is estimated at about 510,000 tons. Thus, during the twelve month period there should be available for shipment to the USSR about 690,000 short tons of

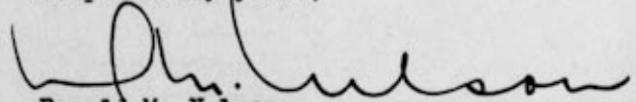


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industrial equipment. Soviet representatives have stated that they expect liftings to average around 50,000 short tons per month, a rate which would not only prevent a further growth of stocks but which would bring stocks down to 100,000 short tons or less, that is, to a reasonably satisfactory level. However, past performance has given cause to doubt that exports will take place at this rate. During the Second Protocol period the monthly average was less than 30,000 short tons shipping weight. In June and July, the average increased to slightly more than 30,000 short tons, and in August the total came to approximately 75,000 short tons. This great acceleration was brought about, however, solely through petroleum refinery equipment being granted priority over practically all other export items. Of a total of some 135,000 short tons of industrial equipment lifted in the June-August period, approximately 75,000 tons consisted of petroleum refinery items. During July and August, stocks of other equipment in warehouses and depots alone increased by more than 50,000 short tons. While it seems likely that with the completion of the petroleum refinery program, shipment of other equipment will greatly increase, it is questionable whether the increase will be sufficient to prevent stocks from growing appreciably during the Third Protocol period.

It is noteworthy that in the case of most other items included in the War Production Board Soviet Program the stocks situation now seems to be reasonably well in hand. Through diversions and increased liftings, steel stocks have been cut to less than 400,000 short tons. Non-ferrous metals have been reduced to the minimum required for pipe lines, and, through control of allocations, chemicals are being held to a reasonable level. Cable stocks have increased to some extent, but it is anticipated that recently inaugurated reductions in schedules will shortly result in production falling behind exports with a consequent lowering of stock-piles.

Respectfully yours,



Donald M. Nelson

x 4735

The President  
The White House  
Washington, D. C.

Attachment

STATUS OF MATERIALS AND EQUIPMENT PRODUCTION PROGRAMS UNDER THE THIRD RUSSIAN PROTOCOL, AS OF SEPTEMBER 1, 1943

(AUGUST DELIVERY DATA SUBJECT TO REVISION)

**SECRET**  
Disclosure Penalties Under Espionage Act

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

3	Aluminum (Ingot and Fabricated)	S.T.	39,120	6,328	12,600	32	188	26,520	The Third Protocol aluminum commitment has been formally increased from 35,760 S.T. to 39,120 S.T. In addition, every effort is being made to exceed by 2,240 S.T. the monthly shipments called for by this commitment. Deliveries to date include 7,280 S.T. primary ingot, 2,744 S.T. secondary ingot, and 2,576 S.T. fabricated aluminum.
4	Nickel								
A	Pig Nickel	S.T.	3,600	150	600	17	100	3,000	August shipments were reduced to compensate for July overshipment.
B	Nickel in Monel Scrap	S.T.	-	50	50	-	-	(50 Excess)	A total of 600 S.T. of nickel in monel scrap has been offered, but the U.S.S.R. has not yet indicated that it desires to take it. The amount made available in August was ordered for experimental purposes.
C	Nickel in Steel and Other Non-Ferrous Products	S.T.	2,400	185	407	17	100	1,993	Contained nickel deliveries to date consist of 246 S.T. in steel; 85 S.T. in nichrome wire and strip; 66 S.T. in cupro-nickel strip; and 10 S.T. in nichrome squares.
5	Molybdenum	S.T.	4,000	335	670	17	100	3,330	
6	Copper, Electrolytic	S.T.	(121,400)	(6,709)	(13,868)	(11)	(65)	(107,532)	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 5,372 S.T. contained in copper base alloys; 1,174 S.T. contained in copper goods and tubes; 95 S.T. contained in bi-metal and 4,379 S.T. contained in wire mill products.

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E.O. 11652, Box (S) and (M) of (S)  
Commerce Dept. Letter, 1115-71 /  
By RHP, Date MAR 21 1973

**SECRET**  
Disclosure Penalties Under Espionage Act

Protocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Aug. 1, 1943 - Aug. 31, 1943	Made Available at Mill in U.S.A. July 1, 1943 - Aug. 31, 1943	Percent of 3rd Prot. Program Completed as of Sept. 1, 1943	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.*100)	Balance to be Produced as of Sept. 1, 1943 To Complete 3rd Protocol Prod. Program	Comments
<u>NON-FERROUS METALS (Continued)</u>									
7	Copper Base Alloys	S.T.	107,520	5,993	9,134	8	47	98,386	} Stocks of copper base alloys have been reduced to a reasonable working level through increased liftings; production is therefore currently being accelerated.
8	Magnesium	S.T.	4,032	336	672	17	100	3,360	
9	Zinc	S.T.	13,440	1,120	2,240	17	100	11,200	
11	Copper Goods and Tubes	S.T.	15,000	813	1,174	8	47	13,826	} Stocks have been reduced to reasonable working levels and production is currently being accelerated. However, the U.S.S.R. has not requested production at the full rate called for by the Protocol.
29	Special Non-Ferrous Alloy Wires	S.T.	269	9	11	4	24	258	
30	Nichrome Wire	S.T.	538	78	107	20	118	431	} Only very small quantities of special non-ferrous alloy wires have been requisitioned to date.
94	Cobalt	S.T.	80.5	27	40	50	152	40.5	
	Total Non-Ferrous Metals (Excluding Item 6, Copper, Electrolytic)	S.T.	189,999.5	15,424	27,705	15	88	162,294.5	} The production program shown is for the first half of the Protocol period only; the ratio of actual deliveries to the Protocol schedule has, therefore, been adjusted to take this into account.
<u>FERRO-ALLOYS</u>									
12	Ferrosilicon	S.T.	-	0	0	-	-	-	} The U.S. has offered to supply 784 S.T. of ferrosilicon and 448 S.T. of ferrochrome per month. But by agreement this offer is to become effective only when stocks held on U.S.S.R. account are reduced to two months' requirements. At present, stocks total more than five months' requirements and no liftings are currently taking place. In consequence, no allocation was made in August and none is planned for the immediate future.
13	Ferrochrome	S.T.	-	0	0	-	-	-	
	Total Ferro-Alloys	S.T.	-	0	0	-	-	-	

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E.O. 11652, Sec. 2(R) and 3(D) or (E)  
Commerce Dept. Letter, 11-14-78  
By RHP, Dalg MAR 21 1979



Protocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Aug. 1, 1943 - Aug. 31, 1943	Made Available at Mill in U.S.A. July 1, 1943 - Aug. 31, 1943	Percent of 3rd Prot. Program Completed as of Sept. 1, 1943	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of Sept. 1, 1943 To Complete 3rd Protocol Prod. Program	Comments
<b>ALLOY STEEL</b>									
16	Polished Drill Rods								
B	High Speed	S.T.	96	8	17	18	106	79	
C	Other Alloy	S.T.	45	9	11	24	141	34	
17	High Speed Tool Steel	S.T.	4,480	433	916	20	118	3,564	
18	Tool Steel								
B	Alloy X12	S.T.	672	47	115	17	100	557	
C	Alloy X12M	S.T.	672	37	88	13	76	584	
D	Other Alloys	S.T.	3,382	387	1,024	30	176	2,358	
E	Die Blocks	S.T.	1,468	0	0	0	0	1,468	
19	Cold Finished Bars	S.T.	10,898	838	1,765	16	94	9,133	
20	H.R. Alloy Bars and Billets	S.T.	67,569	3,926	7,056	10	59	60,513	
23	Stainless Steel								
A	Sheets	S.T.	2,671	30	30	1	6	2,641	
B	Strip	S.T.	336	245	421	125	735	(85 Excess)	
C	Bars	S.T.	756	41	41	5	29	715	
25	Steel Wire								
A	Ball Wire	S.T.	6,563	225	444	7	41	6,119	
B	Strip	S.T.	0	97	113	-	-	(113 Excess)	
C	Other Alloy	S.T.	0	76	191	-	-	(191 Excess)	
27	Steel Alloy Tubes								
A	18% Cr.-8% Ni.	S.T.	994	0	0	0	0	994	
B	1-6% Chrome	S.T.	8,625	793	1,546	18	106	7,079	
C-E	Carbon .5% Moly., Pipe Sizes	S.T.	0	2	9	-	-	(9 Excess)	
F	H.R. Ball Bearing Tubes	S.T.	5,376	0	0	0	0	5,376	
28	Stainless Steel Wire	S.T.	0	69	264	-	-	(264 Excess)	
29	Special Alloy Wire	S.T.	0	202	261	-	-	(261 Excess)	
	Total Alloy Steel	S.T.	114,603	7,465	14,312	12	71	100,291	

In adjusting Third Protocol production programs to shipping possibilities, the U.S.S.R. selected a total of only 500,000 S.T. of steel (carbon and alloy) to be produced on its account instead of the 710,000 S.T. offered by the U.S. A detailed reworking of the steel program to reflect this reduction is currently in process. Pending completion of this, no exact evaluation of progress made toward fulfillment of the steel commitment is possible. Progress made against the old program is shown, however, in order to indicate in a general way the trend of steel production.

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Pro tocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Aug. 1, 1943 - Aug. 31, 1943	Made Available at Mill in U.S.A. July 1, 1943 - Aug. 31, 1943	Percent of 3rd Prot. Program Completed as of Sept. 1, 1943	Ratio of Actual Deliveries to Prot. Sched. (Prot.Sched.=100)	Balance to be Produced as of Sept. 1, 1943 To Complete 3rd Protocol Prod. Program	Comments	
<b>CARBON STEEL</b>										
101-E	Rails, Accessories and Other Railway Material	S.T.	420,270	31,837	45,049	11	65	375,221	See Alloy Steel for comments.	
10	Copper Clad Strip (Bimetal)	S.T.	11,120	0	0	0	0	11,120		
16A & 17A	Plain Carbon Tool Steel and Drill Rod	S.T.	6,807	522	1,089	16	94	5,718		
19D	Plain Carbon Bullet Core	S.T.	11,200	1,970	4,567	41	241	6,633		
24	Tinplate	S.T.	60,000	5,776	6,617	11	65	53,383		
	Other Carbon Steel	S.T.	36,000	3,740	10,187	28	165	25,813		
	<b>Total Carbon Steel</b>	S.T.	<b>545,397</b>	<b>43,845</b>	<b>67,509</b>	<b>12</b>	<b>71</b>	<b>477,888</b>		
<b>CHEMICALS</b>										
36	Phenol	S.T.	12,000	750	750	6	35	11,250		Because of excessive stocks, allocations of chemicals are still being held to a minimum in all cases except glycerine, caustic soda and ethyl alcohol.
38	Ethylene Glycol	S.T.	3,360	0	0	0	0	3,360		
45	Methanol	S.T.	6,720	0	0	0	0	6,720		
46	Urotropine	S.T.	6,720	0	0	0	0	6,720		
61A1	Glycerine	S.T.	6,720	1,857	1,857	28	165	4,863		
61A3	Caustic Soda	S.T.	40,320	9,668	10,429	26	153	29,891		
38A	Ethyl Alcohol	S.T.	107,520	10,114	23,856	22	129	83,664		
61A5	Acetone	S.T.	6,720	657	657	10	59	6,063		
61A	Other Chemicals	S.T.	12,096	431	738	6	35	11,358		
	<b>Total Chemicals</b>	S.T.	<b>202,176</b>	<b>23,477</b>	<b>38,287</b>	<b>19</b>	<b>112</b>	<b>163,889</b>		

**SECRET**  
 Disclosure Prohibited Under Espionage Act

Protocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Aug. 1, 1943 - Aug. 31, 1943	Made Available at Mill in U.S.A. July 1, 1943 - Aug. 31, 1943	Percent of 3rd Prot. Program Completed as of Sept. 1, 1943	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of Sept. 1, 1943 To Complete 3rd Protocol Prod. Program	Comments
<u>MARINE AND SUBMARINE CABLE</u>									
1	Marine Cable	KM.	1,200	43	133	11	65	1,067	Deliveries of marine and submarine cable shown are still against contracts carried over from the Second Protocol period. August shipments of submarine cable marked virtual completion of a Trans-Caspian cable project which was gotten under way in November, 1942. Completion of this project, which came to more than \$1,500,000 in value and which involved much material and equipment besides cable, is expected to facilitate greatly use of the Caspian Sea in the movement of products into the U.S.S.R.
2	Submarine Cable	KM.	600	119	119	20	118	481	
	Total Marine and Submarine Cable	KM.	1,800	162	252	14	82	1,548	
<u>POWER AND RELATED CABLE</u>									
7 <sup>h</sup>	Insulated Cable and Wire (Copper Content)	S.T.	21,516	1,756	4,303	20	118	17,213	Power and related cable production has been out considerably below the Protocol rate because of excessive seaboard stocks (i.e. approximately 60,000 S.T. gross weight as of August 1.)
7 <sup>h</sup> A	Copper Cable and Wire (Copper Content)	S.T.	20,000	0	6	-	-	19,994	
	Total Power and Related Cable	S.T.	41,516	1,756	4,309	10	59	37,207	
<u>MISCELLANEOUS MATERIALS ITEMS</u>									
80	Sheet Fiber	S.T.	1,000	349	529	53	312	471	The entire sheet fiber commitment is covered by contracts carried over from the Second Protocol period. Present schedules call for the completion of these by December.
83	Parchment Paper	S.T.	1,680	0	0	0	0	1,680	
83A	Condenser Paper	S.T.	146	0	0	0	0	146	No requisitions have been submitted to date for paper products.
83B	Cigarette Paper	S.T.	336	0	0	0	0	336	
35	Other Materials and Their Products	\$	5,000,000	-	-	-	-	-	The offer of "other materials" is a maximum offer and is to be used only to cover emergency requests. Orders to date total only a fraction of \$5,000,000 and deliveries against these have been slight because of lead factors.

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 E.O. 11652, Sec. 306 and 307 or (2)  
 Commerce Dept. Letter, 11-15-78  
 By RHP, Date MAR 21 1973

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Pro- tocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Aug. 1, 1943 - Aug. 31, 1943	Made Available at Mill in U.S.A. July 1, 1943 - Aug. 31, 1943	Percent of 3rd Prot. Program Completed as of Sept. 1, 1943	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of Sept. 1, 1943 To Complete 3rd Protocol Prod. Program	Comments
<b>INDUSTRIAL AND RELATED EQUIPMENT</b>									
15A	Cemented Carbide Tips and Blanks	\$	3,000,000	182,042	451,917	15	88	2,548,083	Requisitions for a large part of the offered quantities of these items have not yet been forwarded to the W.P.B.
15B	Small Cutting Tools	\$	15,000,000	1,106,655	1,756,491	12	71	13,243,509	
15C	Measuring Tools	\$	3,000,000	21,466	201,617	7	41	2,798,383	
67B	Abrasive Products	\$	4,000,000	491,526	674,896	17	100	3,325,104	
62	Machine Tools	\$	120,000,000	9,213,400	21,409,250	18	106	98,590,750	August machine tool delivery data are based upon incomplete reports from fabricators and will probably be subject to an appreciable upward revision when full information is received.
63	Electric Furnaces	\$	12,000,000	805,904	992,760	8	47	11,007,240	Requisitions for a large part of the electric furnaces offered have not yet been forwarded to the W.P.B.
64A	Rolling Mills and Equipment	\$	16,000,000	54,229	89,645	1	6	15,910,355	Of the \$16,000,000 offered, the W.P.B. expected \$11,000,000 to be used to cover a rail mill. It has been decided by the O.L.L.A., however, that miscellaneous rolling mill equipment should be substituted for the rail mill. To date no program of substitute equipment has been forwarded to the W.P.B. Until such a program has been forwarded and reviewed from the standpoint of production feasibility, and until requisitions are cleared and contracts placed, production cannot begin. Progress against this offer, therefore, has been, and will necessarily continue to be, slow.
64B	Presses, Forges, Hammers and Related Equipment	\$	30,000,000	1,565,100	2,886,500	10	59	27,113,500	August delivery data are based upon preliminary reports and will probably be subject to an appreciable upward revision.

**SECRET**  
Disclosure Prohibited Under Espionage Act

**SECRET**  
 Disclosure Prohibited Under Espionage Act

Pro- tocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Aug. 1, 1943 - Aug. 31, 1943	Made Available at Mill in U.S.A. July 1, 1943 - Aug. 31, 1943	Percent of 3rd Prot. Program Completed as of Sept. 1, 1943	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of Sept. 1, 1943 To Complete 3rd Protocol Prod. Program	Comments
<b>INDUSTRIAL AND RELATED EQUIPMENT</b> (Continued)									
640	Wire Drawing Equipment	\$	2,000,000	0	0	0	0	2,000,000	Requisitions against the Third Protocol offer have not yet been forwarded to the W.P.B. It has been impossible, therefore, to get production under way.
65	Various Industrial Equipment	\$	120,000,000	13,342,362	24,434,113	20	118	95,565,887	All requisitions for items in this category have been cleared and contracts placed for some time. Production is considered satisfactory.
66	Control Inst. and Testing Machines	\$	1,700,000	30,965	304,653	18	106	1,395,347	No new Third Protocol requisitions have been forwarded to the W.P.B. to date. A large part of the program has, therefore, not yet been gotten under way.
69-70	Anti-Friction Bearings	\$	15,000,000	969,691	1,826,867	12	71	13,173,133	
111	Block Signal System	\$	14,591,500	15,376	28,016	0	0	14,563,484	The Block Signal System offered is covered by one order. Substantial deliveries against this are not expected to begin until early 1944.
140	Power Equipment	\$	75,000,000	6,577,950	14,078,924	19	112	60,921,076	The entire power program offered is now under requisition. Most contracts have been placed and major items have been worked into production schedules. Orders carried over from the Second Protocol period are expected to be completed in the next two months, and deliveries against new orders are scheduled to begin in December.
Total Industrial and Related Equipment		\$	431,291,500	34,376,666	69,135,649	16	94	362,155,851	

**SECRET**  
 Disclosure Prohibited Under Espionage Act

Pro- tocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Aug. 1, 1943 - Aug. 31, 1943	Made Available at Mill in U.S.A. July 1, 1943 - Aug. 31, 1943	Percent of 3rd Prot. Program Completed as of Sept. 1, 1943	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched. x100)	Balance to be Produced as of Sept. 1, 1943 To Complete 3rd Protocol Prod. Program	Comments
<b>MISCELLANEOUS EQUIPMENT ITEMS</b>									
67A	Abrasive Grain	S.T.	4,000	170	967	24	141	3,033	
68A	Graphite Electrodes	S.T.	5,757	680	1,014	18	106	4,743	
68B	Other Graphite Goods	S.T.	1,691	192	241	14	82	1,450	
68C	Graphite Powder	S.T.	1,120	185	316	28	165	804	
78	Tires, Tubes, Other Rubber Products (Rubber Content)	S.T.	40,320	3,565	7,892	20	113	32,428	
82	Metallic Cloth and Screen	\$	1,000,000	29,463	132,925	13	76	867,075	Very few Third Protocol requisitions for metallic cloth and screen have as yet been forwarded to the W.P.B.  The U.S. has offered to supply up to \$25,000,000 of Emergency Equip- ment provided the Soviet Government certifies the need for particular items totaling this amount, and pro- vided specifications are acceptable to the W.P.B. So far only a few re- quisitions have been placed under this category. Because of lead fac- tors, no deliveries took place against these in August.
84	Emergency Equipment	\$	25,000,000	-	-	-	-	-	

War Production Board  
Foreign Division  
Review and Analysis Branch  
September 14, 1943

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

E. R. Stettinius, Jr.  
Administrator

*file*

*G. F. Lend Lease*  
September 21, 1943  
THE WHITE HOUSE

MEMORANDUM

SEP 22 9 11 AM '43

To: The President  
From: E. R. Stettinius, Jr.  
Subject: Report to the President

RECEIVED

I am transmitting herewith the usual high spot report of Lend-Lease operations to the end of August, 1943.

As you will note from the summary on the first page, a new high peak was reached in August in the amount of lend-lease aid.

Bernhard Knollenberg.

x

x 4559  
x 4193

~~CONFIDENTIAL~~

REPORT TO THE PRESIDENT ON LEND-LEASE PROGRESS

AS OF AUGUST 31, 1943

Office of Lend-Lease Administration

DECLASSIFIED  
State Dept. Letter, 1-11-72  
By J. Schauble Date       

FEB 2 1972

### SUMMARY OF LEND-LEASE PROGRESS

1. Lend-lease aid in August amounted to \$1,261,000,000, a new high point. This was the third consecutive month in which aid exceeded one billion dollars.
2. Aid rendered in the last three months was as large as the total for the first 15 months of the lend-lease program.
3. Exports of lend-lease goods in July exceeded a billion dollars for the first time. (See chart on second following page).
4. The sharp rise in July exports was due to increased shipments to the U.S.S.R., the Middle East and the Pacific area.
5. Lend-lease food exports in the first 7 months of this year took 0.9% of our available supply of our beef and veal, 1.2% of our butter, 1.0% of our canned vegetables, 2.2% of our canned fruits and juices, 10.5% of our eggs, 11.7% of our dried beans and 13.0% of our pork.

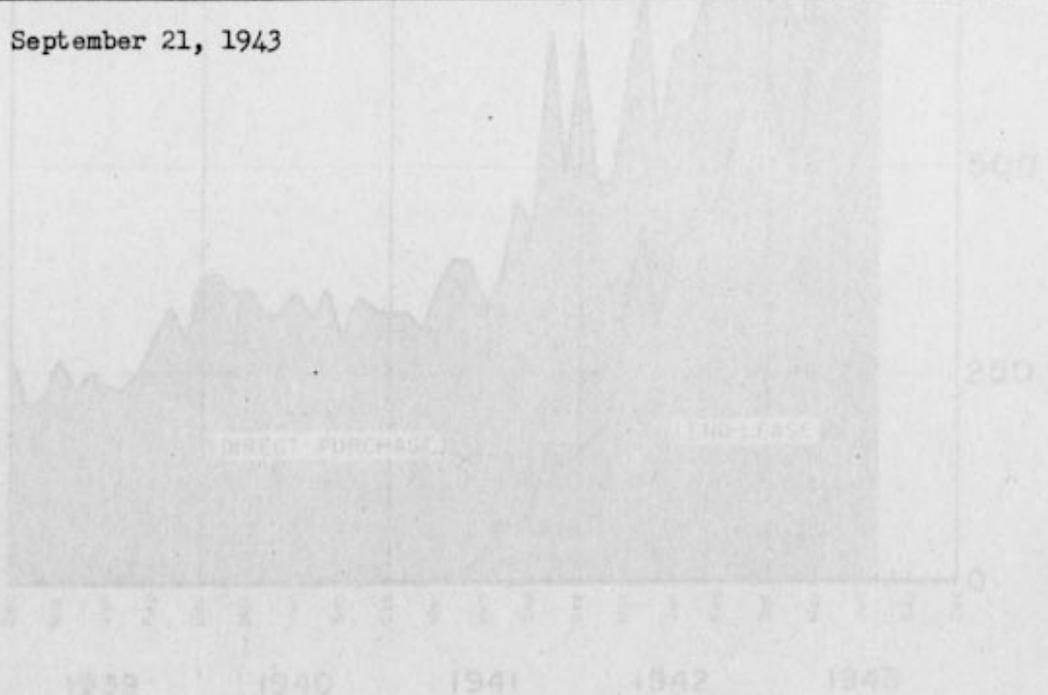
September 21, 1943

EXPORTS FROM THE U.S.

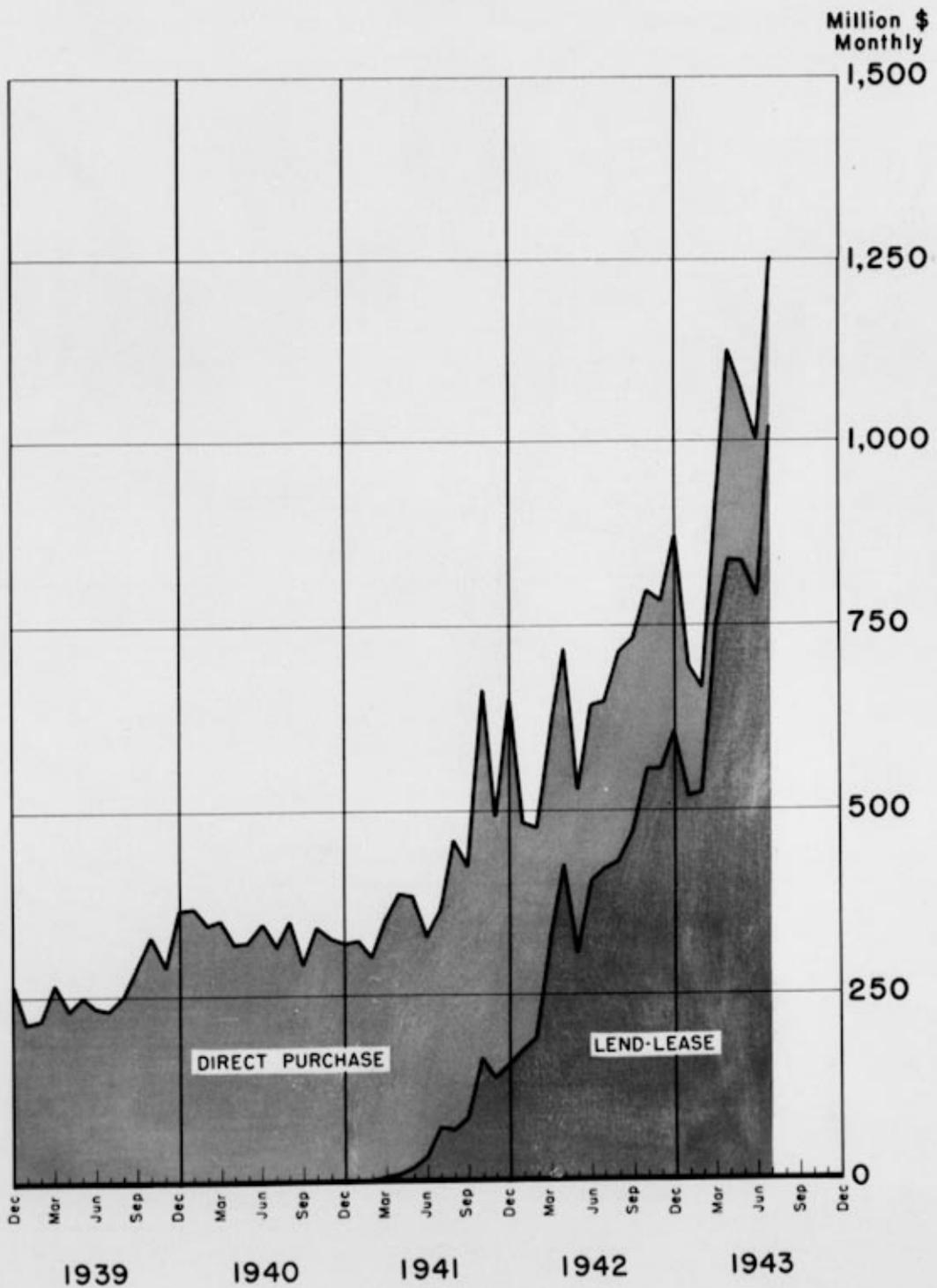
**MONTHLY FLASH SUMMARY**  
**LEND-LEASE AID**  
**MILLIONS OF DOLLARS**

	Monthly			Cumulative to Aug. 31, 1943
	August 1943	July 1943	August 1942	
Goods Transferred				
Munitions	872	728	256	7,797
Industrial Items	152	158	132	3,130
Foodstuffs, Etc.	90	132	58	2,089
Total Transfers	1,114	1,018	446	13,016
Services Rendered	147	32	114	2,219
Total Aid	1,261	1,050	560	15,235

September 21, 1943



# EXPORTS FROM THE U. S.



PSF



WAR FOOD ADMINISTRATION  
WASHINGTON

OFFICE OF THE ADMINISTRATOR

*C. F.*  
*Lend Lease*

~~SECRET AND CONFIDENTIAL~~

September 24, 1943.

The President  
The White House

Dear Mr. President:

August marked the inception of the fall and winter program of shipments of agricultural commodities to Russia with 143,709 long tons lifted, almost double the quantity moved during July. Most significant increases were in vegetable oil, sugar, rice, and cereals whose quantities were more than doubled over last month's figures while substantial increases were apparent also in clearances of canned meat, cured and smoked meat, milk, eggs, flour, dried beans, and vitamins.

Since the danger of spoilage of butter and fats is at a minimum during the cool weather, an attempt will be made to complete shipment of the fiscal year's program for these commodities by March, 1944. Consistent with the initiation of this plan, a total of 15,800 tons of animal fats, fat cuts, and butter were shipped during August. Although this represented an increase of 2,304 tons over July liftings, it fell short of the anticipated shipments because of limited rail and storage facilities in the West. Larger shipments are planned for September with 10,200 tons of butter and 34,575 tons of animal fats and fat cuts scheduled.

The September program for the USSR amounts to 146,547 tons. Substantial increases are projected for concentrated soya products, dehydrated meats, rice, barley fodder and dry soup concentrate as well as for animal fats. The schedule for certain bulk products has been reduced accordingly.

Respectfully,

*Marvin Jones*  
Administrator

Attachments - 2

x1-7H

x220  
x4193  
x227  
x892

REGRADED  
UNCLASSIFIED

REGRADED  
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Table 1

SHIPMENT OF AGRICULTURAL COMMODITIES  
TO THE U.S.S.R.

July 1, 1942 to August 31, 1943

Food Distribution Administration  
Transportation and Warehousing Branch  
Commodity Accountability Section  
September 10, 1943

COMMODITY	Offered Against : Monthly Require- : ment Under : 3rd Protocol	SUPPLIED AGAINST PROTOCOL					Cumulative : To Aug. 31, : 1943	Requested : For Sept. : Delivery
		July 1, 1942 : To : Dec. 31, 1942	Jan. 1, 1943 : To : June 30, 1943	July, : 1943	August <sup>△</sup> : 1943			
I. PROTOCOL								
Wheat and Flour	63,893	60,864	110,028	12,576	11,778	195,246	4,980	
Rice, Cereals and Legumes	34,439	-	-	6,210	13,356	19,566	10,580	
Sugar	36,400	31,735	72,625	11,528	30,450	146,338	12,500	
Canned Meat	18,666	60,016	114,545	18,472	31,320	224,353	33,496	
Cured and Smoked Meat <sup>△</sup>	7,000	39,545.5	41,250.25	2,868	4,897	88,560.75	2,098	
Butter	3,266	-	-	3,963	2,192	6,155	10,200	
Animal Fats and Fat Cuts	18,667	14,148	29,776	9,533	13,608	67,065	34,575	
Vegetable Oil	14,000	30,739	73,666	7,633	18,227	130,265	10,550	
Powder Milk	2,240	-	-	949.05	2,339	3,288.05	6,575	
Dried Eggs	3,266	-	-	660	3,269	3,929	3,100	
Canned Milk	1,120	-	-	817	1,376	2,193	2,225	
Dehy. & Conc. Soups, Veg.								
Cereals	4,573	-	-	547	1,943	2,490	3,275	
Conc. Soya Products	7,466	-	-	223	621	844	1,320	
Cheese	14,000	-	-	540	719	1,259	480	
Tomato Paste	460	-	-	87	590	677	-	
Concentrated Juices	460	-	-	3	420	423	1,320	
Soap	933	2,326	2,137	450	100	5,013	150	
II. OTHER FOODS	-	82,183.8	154,514.19	7,248.35	6,504	250,450.34	9,123.3	
TOTAL	230,849	321,557.3	598,541.44	84,307.4	143,709	1,148,115.14	146,547.3	

<sup>△</sup> Includes 983.5 long tons dressed weight equivalent of dehydrated pork and beef converted at 4.5 times dehydrated weight.

<sup>△</sup> Based on Transportation and Warehousing Branch Shipping report dated September 6, 1943.

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Table 2

Food Distribution Administration  
Transportation and Warehousing Branch  
Commodity Accountability Section  
September 10, 1943STATUS OF U.S.S.R. PROGRAM  
As of August 31, 1943  
(Net Long Tons)

COMMODITY	CLEARANCES									
	Cumulative	Cumulative	July 1, '42	Jan. 1943	U.S.S.R.	Arctic	August *	Cumulative	Requested	
	Action Requisitions	To 6/30/42	Thru Dec. 31, '42	To 6/30/43	July, 1943	July, 1943	1943	To 8/31/43	For Sept. Delivery	
Butter, Salted	34,494.1	2,054	6,152	3,669	2,667	1,296	2,192	18,030	10,200	
Whole Milk, Dry	5,417.2	-	323	268	504	46	1,535	2,676	1,850	
Skim Milk, Dry	28,500	-	2,754	11,126	399	.05	804	15,083.05	4,725	
Sweetened Condensed Milk	8,091.2	-	782	4,397	459	358	1,376	7,372	2,225	
Evaporated Milk	29.1	-	-	-	-	-	-	-	-	
Cheese	9,203	-	3,424	104	74	37	719	4,358	480	
Processed Cheese	2,741	-	-	486	409	20	-	915	-	
Whole Eggs, Dried	55,160.6	8,001	7,007	13,323	626	34	3,269	32,260	3,100	
Milk, Unspecified	-	-	-	-	27	-	-	27	-	
Oleomargarine, Trop.	10,000	-	-	4,251	1,070	-	5,510	10,831	4,020	
Meat & Ration, Cnd.	292,601.3	38,953	59,619	107,748	17,763	709	31,320	256,112	33,496	
Soya Links, Cnd.	15,000	-	397	6,797	-	-	-	7,194	-	
Cured Pork	82,858.5	7,945	39,451	38,475	2,223	364	3,574	92,032	685	
Lard & Rendered Fats /a	208,195	28,920	14,148	29,776	3,868	113	7,725	84,550	14,500	
Fat Cuts	15,000	-	-	-	5,543	9	5,883	11,435	14,000	
Pork, Dehydrated	1,250	-	21	612	56	-	294	983.5	314	
Beef, Dehydrated	18	-	-	.5	-	-	-	-	-	
Beef Extract	240	-	-	-	-	-	-	-	-	
Beef Sets, Dry	105	-	-	-	-	-	-	-	-	
Concentrated Meats	.5	-	-	-	-	-	-	-	-	
Concentrated Foods	59	-	59	-	-	-	-	59	-	
Soya Flour & Grits	47,005.7	-	-	2,537	698	5	4,712	7,952	3,275	
Hard Smoked Salami	73	-	-	14	-	29	-	43	-	
Army Ration - C	50	-	-	-	-	-	-	-	-	
Fish: Salmon	20.3	-	-	-	-	36	-	36	-	

COMMODITY	CLEARANCES									
	Cumulative	Cumulative	July 1, '42	Jan. 1943	U.S.S.R.	Arctic	Cumulative	Requested		
	Action	To	Thru	To	July,	July,	To	For Sept.		
Requisitions	6/30/42	Dec. 31, '42	6/30/43	1943	1943	August *	8/31/43	Delivery		
Fish: Pilchards	20	-	-	-	-	-	-	-	-	-
Vegetable Oil	161,771.1	16,585	29,714	59,053	4,899	514	10,432	121,197	10,550	
Shortening	23,026.1	-	1,025	10,362	1,150	-	2,285	14,822	2,055	
Linseed Oil, Drying:	573	-	24	3	-	-	-	27	215	
Soap Stock	10,000	-	-	-	-	-	-	-	-	
Laundry Soap	16,220	-	1,952	1,843	-	389	100	4,284	150	
Toilet Soap	338	-	289	37	-	61	-	387	-	
Soap, Unspecified	-	-	85	257	-	-	-	342	-	
Stearin Candles	215	-	71	17	-	122	-	210	-	
Beans, Dried	126,007	12,053	21,505	60,263	2,775	433	9,267	106,296	2,880	
Peas, Dried	10,822	.09	610	6,562	-	139	-	7,311.09	-	
Rice	47,710.8	-	11,866	8,372	-	1,024	2,669	23,931	5,500	
Oil Bearing Plant										
Seeds	600	-	-	-	-	-	-	-	-	
Tobacco Seed	7	-	-	-	-	-	-	-	-	
Vegetable Seed	6,145.5	65	44	1,878.3	-	-	-	1,987.3	.32	
Field Seed	10,507	-	-	6,210	-	-	-	6,210	-	
Cryptostegia	15#	-	-	15#	-	-	-	15#	-	
Baked Beans, Cnd.	130	-	18	112	-	2	-	132	-	
Wheat	110,000	26,159	-	-	-	-	-	26,159	-	
Wheat Flour	325,095.6	53,842	60,864	110,028	4,805	7,771	11,778	249,088	4,980	
Rye Flour	15,383	37	8,373	2,000	-	2,736	-	13,146	2,675	
Semolina	28,209	937	3,306	9,836	211	185	513	14,988	1,500	
Cracked Wheat	9,896	1,001	2,253	6,573	-	-	-	9,827	-	
Barley, Pearl	1,193.4	-	669	1,679	50	300	27	2,725	-	
Barley Cereal, Roasted	384	26	134	-	-	-	-	170	-	
Oat Cereal	28,827	2,100	3,899	9,402	427	586	880	17,254	700	
Cereals, Various	15,500	-	782	31	-	-	-	813	-	
Conc. Cereal Food	3,500	-	-	1,035	183	-	1,517	2,740	1,740	
Oil Cake	192	-	192	-	-	-	-	192	-	
Barley, Fodder	6,783	1,244	1,991	40	8	2,286	-	5,569	2,000	

COMMODITY	CLEARANCES									Requested For Sept. Delivery
	Cumulative Action Requisitions	Cumulative To 6/30/42	July 1, '42 Thru Dec. 31, '42	Jan. 1943 To 6/30/43	U.S.S.R. July, 1943	Arctic July, 1943	August * 1943	Cumulative To 8/31/43		
Oat, Fodder	1,738	134	1,547	74	116	-	-	1,871	-	
Buckwheat Cereal	456	7	113	-	80	-	-	200	-	
Mill Run	305	-	424	-	-	-	-	424	-	
Tomato Powder	300	-	-	18	-	-	-	18	-	
Onion Powder	376	-	-	49	-	10	-	59	-	
Hops	17	-	17	-	-	-	-	17	-	
Fruit, Canned	15	-	-	4	-	2.6	-	6.6	-	
Mixed Fruit, Dried	904	-	383	119	-	179	-	681	-	
Fresh Lemons & ) Oranges )	120.3	-	5 /b	2	-	7	-	31	-	
Fresh Apples )	4	-	-	-	-	17	-	-	-	
Conc. Lemon Juice	2,295.5	-	-	116	-	2	-	118	390	
Conc. Orange Juice	600	-	-	501.7	-	1	420	922.7	870	
Conc. Grapefruit Juice	100	-	-	-	-	-	-	-	60	
Shelled Walnuts	3	-	3	-	-	-	-	3	-	
Kola Nuts	51	51	-	-	-	-	-	51	-	
Shelled Hazel Nuts	3,248	-	-	-	-	-	-	-	-	
Dried Soup Powder	3,701	-	277	22	-	-	-	299	-	
Dry Soup, Conc.	751	-	-	-	223	-	621	844	1,320	
Dehydrated Soup	1,500	-	-	-	237	-	-	237	-	
Dehy. Vegetable Soup	750	-	-	-	-	-	217	217	1,080	
Onions, Dehydrated	169.57	-	-	12	-	-	-	12	24	
Garlic, Dehydrated	165.04	-	-	17.2	-	-	-	17.2	225	
Beets, Dehydrated	148.04	-	-	-	-	-	-	-	-	
Irish Potatoes, Dehy.	1,844.2	-	-	87	-	-	209	296	86	
Carrots, Dehydrated	416.18	-	-	36	-	-	-	36	120	
Cabbage, Dehydrated	63.57	-	-	-	-	-	-	-	-	
Other Vegetables, Dehydrated	1	-	-	-	-	112	-	112	-	
Vegetables & Soups, Canned	1,491	-	778	84	-	73	330	1,265	-	

COMMODITY	CLEARANCES									
	Cumulative	Cumulative	July 1, '42	Jan. 1943	U.S.S.R.	Arctic	August *	Cumulative	Requested	
	Action	To	Thru	To	July,	July,	1943	To	For Sept.	
Requisitions	6/30/42	Dec. 31, '42	6/30/43	1943	1943	1943	8/31/43	Delivery		
Potatoes, Fresh	1,215	-	-	-	-	474	-	474	-	-
Onions, Fresh	139.3	-	-	-	-	17	-	17	-	-
Garlic, Fresh	14.5	-	-	2	-	12	-	14	-	-
Tomato Paste or Puree	2,363.3	-	-	174	-	87	590	851	-	-
Sugar	394,398	76,006	31,193	72,355	11,281	76	30,450	221,361		12,500
Tablet Sugar	38,643.3	-	542	270	-	171	-	983		-
Tea	917	-	199.2	391	-	35	-	625.2		131
Coffee	2,326.7	-	446	1,989.4	-	8	503	2,946.4		-
Green Coffee Beans	1,500	-	-	-	-	-	-	-		-
Cocoa	2,392	-	-	-	-	1	-	1		-
Ascorbic Acid (Vit C)	24	-	.6	16.99	-	.24	-	17.43		2
Ascorbic Acid Tab.	2,126,200 Tab.	-	500,000 Tab.	-	-	-	-	500,000 Tab.		-
Carotene	450 BIU	-	-	243 BIU	-	-	51 BIU	394 BIU		56 BIU
Citric Acid	765.6	76	19	365.2	-	5	38	503.2		135
Acetic Acid	61	-	129	-	-	-	-	129		-
Vitamin A	26 M/m	-	-	12.62 M/m	-	-	1 M/m	13.62 M/m		1 M/m
Aneurin	10	-	-	13.5	-	-	1	14.5		-
Riboflavin	56#	-	-	32.2#	-	-	-	32.2#		-
Vitamin D	1,000 B/u	-	-	-	-	-	-	-		-
Essential Oils	24.31	-	4	17.23	-	-	-	21.23		.98
Banana Powder	50	-	-	-	-	-	-	-		-
Fruit Extract	5.7	-	-	1.4	-	-	-	1.4		-
Citric Extract	26	-	25	-	-	-	-	25		-
Cornstarch	350	-	320	7	-	21	-	348		-
Yeast, Dry	309.3	-	5.6	281.4	-	.45	5	292.45		250
Vitamized Yeast	10	-	-	-	-	-	-	-		-
Yeast Tablets	16 M/T	-	-	7.19 M/T	-	-	-	7.19 M/T		-
Gelatin	1.96	-	.4	.19	-	.25	-	.84		-
Vanilla	.2	-	-	2#	-	12#	-	14#		-
Vanillin	20.4	-	.3	2#	8	.34	-	8.64		-
Salt	1,589	-	1,245	100	-	13	-	1,328		-

COMMODITY	CLEARANCES									
	Cumulative	Cumulative	July 1, '42	Jan. 1943	U.S.S.R.	Arctic	Cumulative	Requested		
	Action	To	Thru	To	July,	July,	To	For Sept.		
Requisitions	6/30/42	Dec. 31, '42	6/30/43	1943	1943	1943	8/31/43	Delivery		
Pepper	323	-	3.8	2	-	4	9.8	250		
Other Spices <sup>/a</sup>	98	-	24.5	33.4	-	11.47	69.37	35		
Soya Sauce	4	-	3.7	-	-	-	3.7	-		
Fruit Syrup	1	-	.7	-	-	-	.7	-		
Vinegar	192	-	-	16	-	30	46	111		
Macaroni	72.1	-	-	35	-	12	69	-		
Chocolate - Ration D	65.2	-	-	3	-	10	13	-		
Army Ration K	1,700	-	-	-	268	-	1,161	-		
Chicory	2.9	-	-	.2	-	-	.2	-		
Coffee Substitute	20	-	-	-	-	1	1	26		
Tobacco	.5	-	-	-	-	-	-	-		
Baking Soda	20	-	12	.6	-	2	14.6	5		
Nutritional Yeast	20	-	-	-	-	-	-	-		
Alcohol	.816	-	-	-	-	-	-	-		
Almonds	432#	-	-	-	384#	-	384#	-		
Bean Sacks	1.1	-	-	-	-	-	-	-		
Pine Oil	12	-	-	-	-	-	-	12		
Nicotinic Acid	7#	-	-	-	-	7#	7#	-		
TOTAL	2,244,994.678 <sup>1</sup>	276,206.09	321,483.8	596,392.81	63,112	20,999.4	1,420,874.1	145,448.3		
				12.62 M/m			1 M/m	1 M/m		
				343 BIU			51 BIU	56 BIU		
				51.2#	384#	19#	394 BIU	56 BIU		
				7.19 M/T			454.2#	7.19 M/T		
			500,000 Tab <sup>1</sup>				500,000 Tab <sup>1</sup>			

\* Based on Transportation and Warehousing Branch Shipping report dated September 6, 1943.

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

<sup>/b</sup> Includes 5 tons of Fruit Juices.

<sup>/c</sup> Other spices includes cinnamon, mustard, all spice, coriander, ginger, laurel leaves, mustard seed and poppy seed, anise, bay leaves and cloves.

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

*file*

*PSF*

E. R. Stettinius, Jr.  
Administrator

September 28, 1943

*E. R. Stettinius, Jr.*  
*Lend Lease*

MEMORANDUM

To: The President  
From: E. R. Stettinius, Jr.  
Subject: Status of the Soviet Aid Program

I am transmitting herewith the secret report on the status of the Soviet Aid Program, as of August 31, 1943.

This report summarizes the aid furnished to the Soviet Union in the period covered by the First and Second Protocols and the first two months under the Third Protocol.

*Bernhard Knollenberg.*  
x

Bernhard Knollenberg  
Senior Deputy Administrator

ATTACHMENT

x120  
x4193  
x4559

STATUS OF THE SOVIET AID PROGRAM  
AS OF AUGUST 31, 1943



DECLASSIFIED

State Dept. Letter, 1-11-58

By J. Schauble Data ~~FEB~~ 2 1972

Office of Lend-Lease Administration  
Washington, D. C.

## PERFORMANCE DURING AUGUST 1943

During the month of August a total of 468,000 long tons of cargo was dispatched to the Soviet Union. This represented the largest quantity cleared from North American ports since the beginning of the First Protocol, October 1, 1941. Included in this amount was the first shipload of Canadian supplies offered under the proposed Third Protocol.

Total clearances from U.S. and Canadian sources during the first two months of the new period have amounted to 804,000 long tons or 106% of protocol schedule.

Cargo cleared during August is summarized as follows:

	<u>Gross Long Tons</u>	<u>Percent</u>
<u>U.S. Supplies</u>		
Trucks and other vehicles	36,600	8%
Ferrous and non-ferrous metals	87,700	19
Chemicals and explosives	39,500	9
Petroleum products	34,000	7
Industrial equipment	66,800	14
Food	127,500	27
Other	59,400	13
<u>Canadian Supplies</u>	5,400	1
<u>British Supplies from U.S. Ports</u>	11,100	2
<u>TOTAL</u>	<u>468,000</u>	<u>100</u>

It is estimated that 440,000 long tons will be dispatched in September. Clearances in October, however, are expected to fall to about 360,000 long tons.

A total of 382 U. S. manufactured aircraft departed for the U.S.S.R. during the month: 92 on vessels for the Persian Gulf, 3 by air via the South Atlantic and 287 by air from Fairbanks. Of the total departed, 237 were for United States account and 145 for United Kingdom account. Deliveries from U.S. factories for United Kingdom account continued to fulfill the agreed schedule of 150 fighters a month.

Soviet selections from U. S. and Canadian Third Protocol offerings have reduced the shipping weights of these offerings by 1,321,000 long tons, leaving combined offerings in excess of the total planned shipping and reasonable operating carryover. In order to maintain stocks under the selected production program at reasonable levels, control of production is to be exercised, as provided in the proposed Protocol. Measurement of fulfillment of U.S. obligations under the Third Protocol may be determined only by the comparison of total cargo dispatched with amounts promised and by the availability of specific protocol items as requested for shipment by Soviet authorities.

Office of Lend-Lease Administration  
September 27, 1943

DECLASSIFIED  
State Dept. Letter, 111-72  
By J. Schauble Date

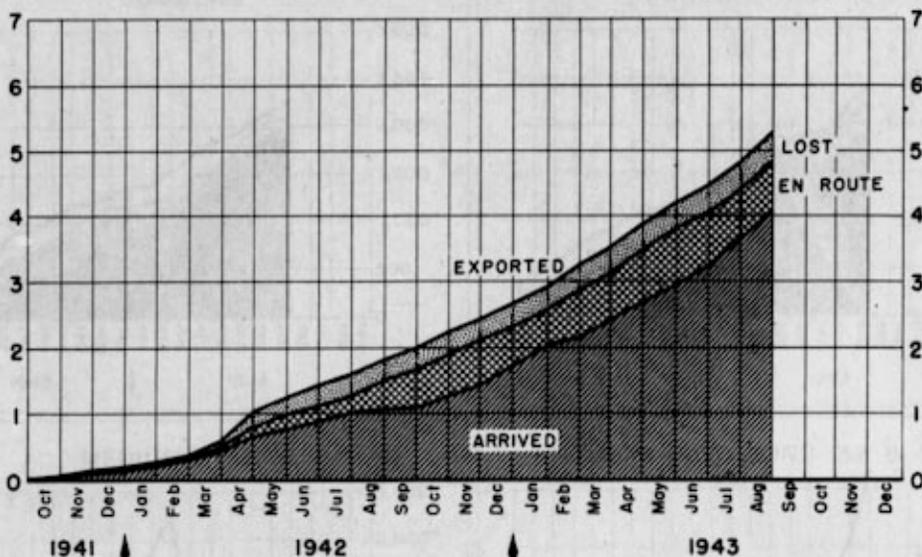
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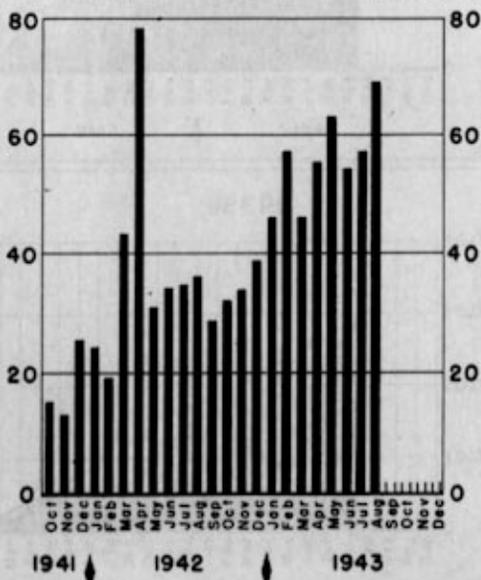
**SECRET**

**EXPORTS SHIPMENTS TO U.S.S.R.**

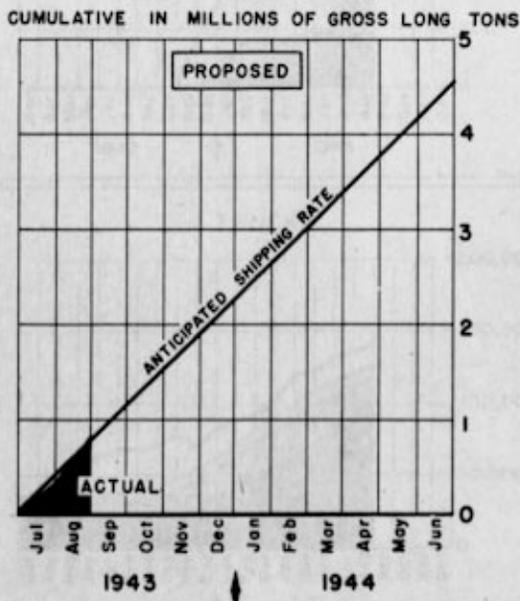
**SHIPMENTS, ARRIVALS AND LOSSES**  
 CUMULATIVE IN MILLIONS OF GROSS LONG TONS



**NUMBER OF SHIPS SAILING EACH MONTH**



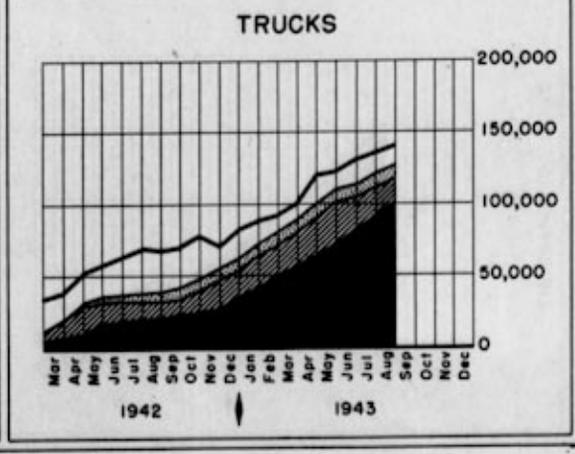
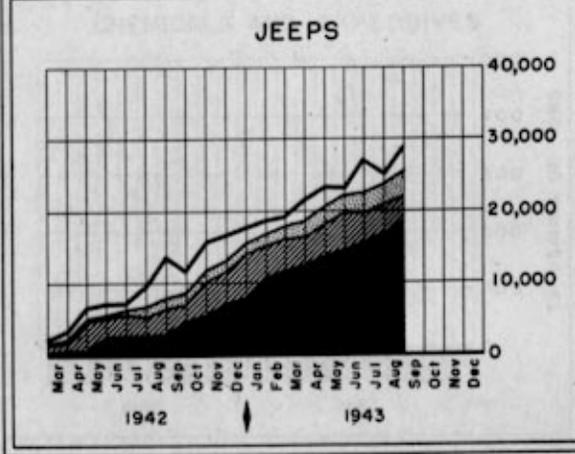
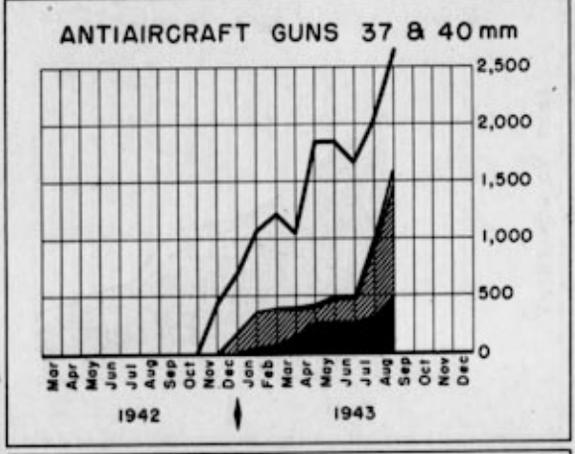
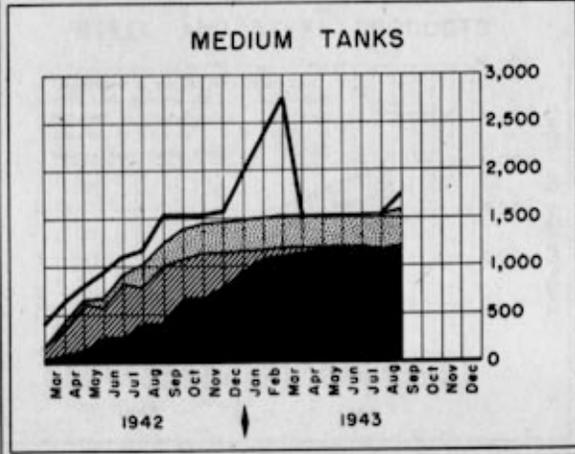
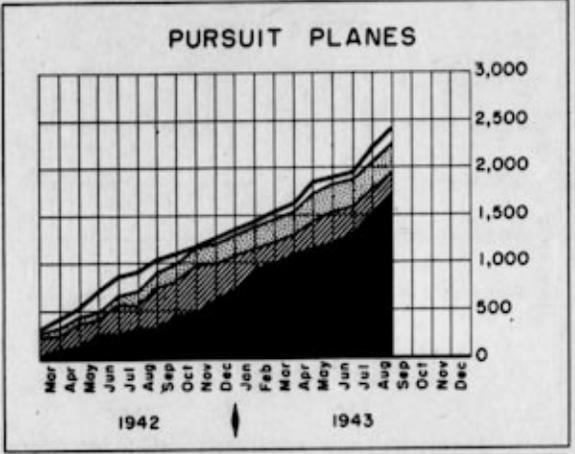
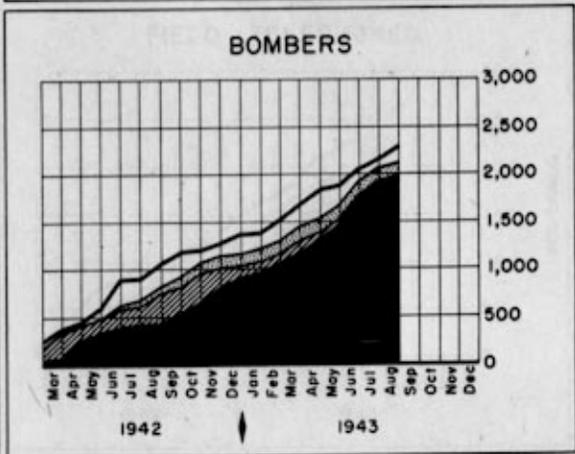
**THIRD PROTOCOL CLEARANCES FROM U.S. PORTS**



## EXPORTS AND AVAILABILITY OF SELECTED ITEMS CUMULATIVE SINCE OCTOBER 1, 1941



Quantity made available at U.S. centers of production



SECRET

## EXPORTS AND AVAILABILITY

As of August 31, 1943

Ref.	Item	Proposed Third Protocol Performance July 1, 1943 to Aug. 31, 1943			Exported During August 1943	Cumulative Performance - 1st, 2nd and Proposed 3rd Protocols October 1, 1941 to August 31, 1943						
		Made Available <u>a/</u>	Offered to be Made Available <u>b/</u>	Exported		Made Available <u>a/</u>	Exported	Arrived <u>d/</u>	Lost	Diverted to Others After Export <u>e/</u>	In U. K. Awaiting Forwarding <u>f/</u>	Balance En Route Aug. 31, 1943 <u>g/</u>
<b>Military Items</b>												
<b>Aircraft</b>												
I 1A	Pursuit Planes	456	400	377	180	2,403	2,258	1,728	302	1	0	227
I 1B	Light Bombers	195	200	152	32	2,016	1,878	1,717	151	(41g/)	0	9
I 1C	Medium Bombers	40	50	30	9	270	236	231	5	0	0	0
I 1D	Heavy Bombers	0	0	0	0	1	1	1	0	0	0	0
I 1E	Cargo Planes	48	40	33	16	135	119	119	0	0	0	0
I 1F	Advanced Trainers	0	0	0	0	30	30	30	0	0	0	0
I 1G	Observation Planes	0	0	0	0	30	30	19	11	0	0	0
<b>Tanks</b>												
I 2A	Light Tanks	0	0	0	0	1,680	1,680	1,237	443	0	0	0
I 2B	Medium Tanks	222	333	54	54	1,758	1,590	1,174	362	0	0	54
<b>Guns</b>												
I 3A	AA 90 mm.	20	0	16	8	120	100	56	8	0	20	16
I 4A	AA 40 mm.	1,050	0	1,100	623	2,225	1,175	195	132	0	0	851
I 4B	AA 37 mm.	0	0	0	0	424	424	308	16	0	68	32
I 4C	AA 50 Cal.	600	0	300	76	1,400	1,100	100	0	0	400	600
I 5B	AT 37 mm.	0	0	0	0	63	63	35	28	0	0	0
I 8A	Submachine Guns 45 cal.	0	0	0	0	132,799	132,799	109,609	23,190	0	0	0
I 8B	Rocket Launchers	0	0	0	0	3,000	3,000	3,000	0	0	0	0
I 8C	Mortars 81 mm.	0	0	0	0	30	30	30	0	0	0	0
I 8D	Pistols and Revolvers	1,000	0	6,500	1,000	7,500	6,500	5,500	0	0	0	1,000
<b>Vehicles</b>												
I 9A	Armored Scout Cars	40	750	44	44	967	958	766	168	0	0	44
I 9B	Jeeps (1/4 Ton 4x4)	4,600	4,000	3,026	1,639	28,854	25,475	18,649	3,434	334	1,044	2,015
I 9C	Personnel Carriers (1/2 Track)	0	100	0	0	335	329	280	49	0	0	0
I 9D	Universal Carriers	0	0	0	0	486	0	0	0	0	0	0
I 17	Motorcycles	1,500	2,000	2,012	1,160	14,300	13,412	9,080	1,464	0	1,100	1,768
I 18	Military Tractors	246	400	369	195	*	2,260	1,737	205	0	155	163
I 9E	Cargo Carriers (1/2 Track)	*	0	2	1	*	2	1	0	0	0	1
I 10A	Weapon Carriers (3/4 Ton)	600	0	156	0	5,404	4,804	4,206	0	0	598	0
I 10B	Trucks (1 1/2 Ton)	7,822	0	7,838	3,324	66,710	62,059	49,119	5,794	1,826	1,446	3,854
I 10C	Trucks (2 1/2 Ton)	7,932	20,000	5,273	3,182	67,876	60,737	48,411	3,976	704	3,418	4,228
I 10D	Trucks (5 Ton and Over)	0	0	0	0	54	54	54	0	0	0	0
I 10E	Tank Transporters (20 and 40 Ton)	60	0	20	4	180	96	60	16	0	0	20
I 10F	Tank Recovery Units	27	0	7	7	27	7	0	0	0	0	7
I 34	Field Repair Trucks	*	0	116	96	*	420	355	3	0	0	62
<b>Signal Equipment</b>												
I 20A	Radio Stations (over 1 KW)	8	0	*	*	*	*	*	*	*	*	*
I 20B	Radio Stations (under 1 KW)	1,016	2,634	*	*	*	*	*	*	*	*	*
I 20C	Radio Receivers	500	133	*	*	*	*	*	*	*	*	*
I 25	Radio Altimeters	10	0	*	*	*	*	*	*	*	*	*
I 26	Radio Beacons	12	0	*	*	*	*	*	*	*	*	*
I 27	Radio Direction Finders	0	0	*	*	*	*	*	*	*	*	*
I 23	Radio Tubes (1000 units)	357	392	*	*	*	*	*	*	*	*	*
I 28	Wear. & Test Equip. (\$1000)	108	500	*	*	*	*	*	*	*	*	*
I 32	Radio Parts & Access. (\$1000)	*	0	500	0	*	25,500	25,500	0	0	0	0
I 31A	Dry Cells for Radios	18,877	16,667	27,051	11,100	*	215,342	148,143	30,648	600	11,600	24,351
I 11	Field Telephones	24,099	31,000	29,203	14,796	*	707,557	540,566	126,258	0	12,604	27,999
I 12	Field Telephone Wire (miles)	24	1,000	897	600	*	11,960	11,137	103	0	0	720
I 24	Gas Driven Generators	*	0	500	0	*	25,500	25,500	0	0	0	0
<b>Explosives</b>												
I 14A	Smokeless Powder (tons)	16,387	11,700	21,101	14,952	*	59,699	32,394	4,439	0	5,369	17,497
I 14B	Nitroglycerine Powder (tons)	0	0	0	0	*	0	0	0	0	0	0
I 13A	Toluol (tons)	9,849	4,480	11,573	2,027	*	47,350	41,681	2,991	359	1,810	509
I 13B	T.N.T. (tons)	0	4,480	6,904	5,604	*	40,772	28,817	3,649	250	2,452	5,604
<b>Other Military Items</b>												
I 35A	Pneumatic Floats	0	0	0	0	3,000	3,000	2,398	552	0	50	0
I 35C	Barbed Wire Cutters (\$1000)	*	0	0	0	*	300	300	0	0	0	0
I 35E	Smoke Pots	*	0	50,028	50,028	*	55,028	5,000	0	0	0	50,028
<b>Quartermaster Items</b>												
II 71A	Leather (tons)	850	3,000	1,673	669	*	24,879	18,559	4,615	111	663	931
II 72A	Army Boots (1000 pr.)	502	600	504	387	*	4,486	3,223	555	0	256	452
II 72B	Ski Boots (1000 pr.)	0	0	7	6	*	64	54	0	0	4	6
II 73A	Woolen Cloth (1000 yds.)	881	3,000	2,878	2,122	*	11,455	7,283	943	0	1,089	2,140
II 73B	Cotton Cloth (yds.)	0	4,382	*	*	*	*	*	*	*	*	*
II 75	Hemming (1000 yds.)	6,493	1,000	100	100	*	21,787	17,453	2,207	0	2,027	100
<b>Medical Supplies</b>												
V	Drugs, Instruments, Equip. (\$1000)	194	2,000	*	*	*	*	*	*	*	*	*

Notes: All tons are 2,000 lbs. net weight.

Offerings for which no monthly schedules are quoted in the Proposed Third Protocol have been computed on the basis of proportional time elapsed.

a/ New Supply from production or stocks. Reflects pre-export repossessions and diversions made since July 1, 1943.b/ OFFERINGS ARE NOT OBLIGATIONS UNTIL THIRD PROTOCOL IS SIGNED.c/ Reflects repossessions and diversions before export.d/ Includes shipments for clearance through Persian Corridor reported arrived at Persian Gulf ports.e/ 1943 discharge in U.K. considered as awaiting forwarding except aircraft shown as arrived.f/ Diverted by U.S.S.R. to British after arrival in Middle East.

\* Data not available.

Ref.	Item	Proposed Third Protocol Performance July 1, 1943 to Aug. 31, 1943			Exported During August 1943	Cumulative Performance - 1st, 2nd and Proposed 3rd Protocols October 1, 1941 to August 31, 1943						
		Made Available a/	Offered to be Made Available b/	Exported		Made Available g/	Exported	Arrived d/	Lost	Diverted to Others After Export e/	In U.K. Awaiting Forwarding f/	Balance En Route Aug. 31, 1943 g/
<b>Materials</b>												
<b>Non-Ferrous Metals &amp; Products</b>												
II 3	Aluminum Ingots (tons)	9,379	5,960	8,207	5,524	47,394	46,222	37,962	4,532	0	0	3,728
II 3A	Duraluminum (tons)	1,796		1,920	495	34,861	34,365	29,603	2,392	0	14	2,356
II 4A	Pig Nickel (tons)	1,150	600	421	206	5,172	4,904	4,026	811	0	0	67
II 4B	Nonal Scrap (tons)	77	a/	75	75	77	75	0	0	0	0	75
II 4C	Nickel Products (tons)	0		0	0	114	114	100	14	0	0	0
II 5	Molybdenum Concentrates (tons)	344	667	0	0	8,688	8,365	6,935	1,430	0	0	0
II 6	Copper, Electrolytic (tons)	0		116	96	1,146	1,119	1,119	0	0	0	0
II 7	Brass, Bronze, etc. (tons)	8,936	17,920	8,060	5,693	161,860	141,178	113,658	13,997	0	5,209	8,314
II 11	Copper Tubes, etc. (tons)	1,234	2,500	1,059	822	19,364	15,401	13,250	1,933	35	283	640
II 9	Zinc Slabs (tons)	4,431	2,240	4,431	1,316	43,762	43,691	39,503	2,323	0	0	1,865
II 8	Magnesium Metal (tons)	573	672	948	573	2,590	2,465	1,892	0	0	0	573
II 29	Special Wires (tons)	10	45	47	26	400	311	302	2	0	0	7
II 30A	Nichrome Wire (tons)	108	90	38	38	836	749	630	92	0	0	27
II 30B	Other Nichrome Products (tons)	13	b/	62	54	508	479	412	0	0	25	42
II 49	Mercury (tons)	0		28	28	895	894	894	0	0	0	0
II 58	Cerium Metal (tons)	0		3	3	18	17	14	0	0	0	3
II 61A13	Metallic Sodium (tons)	0		0	0	1,103	1,103	827	258	0	18	0
II 88	Manganese Metal (tons)	0		11	11	11	11	11	0	0	0	0
II 89	Lead (tons)	0		0	0	43	9	9	0	0	0	0
II 90	Tin (tons)	0		8	-	10	10	10	0	0	0	0
II 91	Aluminum, Tin & Nickel Foil (tons)	0		0	0	150	150	146	4	0	0	0
II 92	Rabbit Metal (tons)	0		5	0	106	106	86	20	0	0	0
II 93	Cadmium (tons)	0		0	0	201	201	201	0	0	0	0
II 94	Cobalt (tons)	40		13	13	208	159	146	0	0	0	13
II 35B	Misc. Non-Ferrous Metals and Products (\$1000)	** 1	b/	1	1	** 11	11	10	0	0	0	1
Total Non-Ferrous Metals (tons)		28,031	-	37	24	329,517	307,028	251,736	27,668	25	5,249	17,710
<b>Ferro-Alloys</b>												
II 12	Ferro-Silicon (tons)	0	853	950	950	8,246	4,907	2,879	1,049	0	28	951
II 13	Ferrochromium (tons)	0	541	80	80	4,113	2,065	1,536	494	0	0	35
II 85	Ferro-Phosphorus (tons)	0	0	0	0	4	4	4	0	0	0	0
II 86	Ferro-Vanadium (tons)	0	0	0	0	2	2	2	0	0	0	0
II 87	Ferro-Tungsten (tons)	0	0	0	0	2	2	2	0	0	0	0
Total Ferro-Alloys (tons)		0	1,394	1,030	1,030	12,367	6,980	4,423	1,543	0	28	986
<b>Ferrous Metals &amp; Products</b>												
II 10	Bimetal (tons)	526	-	2,904	1,918	-	8,445	6,203	60	0	288	1,894
II 14	Armor Plate (tons)	0	-	0	0	-	8,951	5,787	2,852	267	0	48
II 16	Polished Drill Rods (tons)	23	-	99	48	-	249	199	2	0	10	38
II 17	High Speed Tool Steel (tons)	866	-	273	236	-	5,215	4,631	386	0	83	115
II 18	Tool Steel (tons)	1,595	-	1,183	841	-	14,220	11,812	883	25	447	1,053
II 19	Cold Finished Bars (tons)	8,077	-	7,069	4,956	-	77,457	61,844	6,433	280	3,024	5,876
II 20	H.R. Aircraft Steel (tons)	5,173	-	19,907	7,846	-	81,322	69,584	1,375	0	657	9,706
II 21	Cr. St. Mn. Billets (tons)	0	-	0	0	-	79,340	65,959	9,081	431	3,214	655
II 22	C.R. Sheets (tons)	0	-	34	26	-	80,877	48,782	29,653	1,709	699	34
II 22A	C.R. Strip (tons)	947	-	153	149	-	64,689	51,027	11,266	797	1,089	510
II 23	Stainless Steel (tons)	435	-	933	782	-	4,679	4,252	70	0	1	356
II 24	Tinplate (tons)	4,187	-	907	804	-	76,599	7,959	10,602	970	1,902	55,166
II 25	Steel Wire (tons)	2,371	-	3,210	2,373	-	58,968	59,134	5,052	672	968	2,142
II 26	Wire Rope (tons)	2,742	-	1,723	807	-	16,594	14,728	789	0	344	733
II 27	Steel Alloy Tubes (tons)	3,014	-	3,281	1,867	-	11,172	9,510	52	0	105	1,505
II 28	Stainless Steel Wire (tons)	62	-	127	120	-	2,316	2,086	94	13	44	79
II 31	Barbed Wire & Staples (tons)	3	-	0	0	-	45,765	34,705	10,538	203	99	220
II 32	Pipe and Tubing (tons)	850	-	8,199	3,133	-	68,822	49,121	15,862	1,571	288	1,980
II 33	H.R. Sheets, Plates, etc. (tons)	7,958	-	17,243	13,005	-	128,826	91,062	18,642	1,533	4,383	13,206
II 34	Bolts, Nuts, Rivets, etc. (tons)	341	-	1,257	609	-	5,188	4,664	0	0	0	524
II 35D	Aircraft Landing Mats (tons)	7,881	-	7,881	7,881	-	7,881	0	0	0	0	7,881
II 101	R.R. Rails and Accessories (tons)	56,015	-	54,923	36,942	-	166,000	99,266	20,474	1,421	618	44,221
II 102	Mounted Sets, Wheels & Axles (tons)	358	-	675	604	-	2,797	1,526	90	0	911	270
II 103	Car Axles (tons)	0	-	954	818	-	20,689	15,018	927	0	4,050	694
II 104	Locomotive & Car Wheel Tires (tons)	304	-	2,313	1,766	-	7,897	5,610	53	0	484	1,750
II 105	Rolled Car Wheels (tons)	0	-	1,532	601	-	3,366	1,322	0	0	512	1,532
II 107	Steel Locomotive Axles (tons)	0	-	0	0	-	42	42	0	0	0	0
II 108	Electric Locomotive Axles (tons)	0	-	0	0	-	222	222	0	0	0	0
Total Steel		103,728	83,333	136,750	88,132	**1,422,368	1,048,588	717,055	145,206	9,892	24,220	152,185
II 35A1	Chains and Anchors (tons)	709	b/	822	341	** 1,672	1,395	1,348	0	0	0	47
II 35A	Other Ferrous Metals & Prods. (\$1000)	343	b/	322	160	1,378	1,143	992	30	0	0	121
II 37	Petroleum Products (tons)	a/	60,000	108,025	37,345	a/	507,669	406,156	10,786	14,873	9,310	66,544
<b>Chemicals</b>												
II 36	Phenol (tons)	1,512	2,000	432	339	19,392	14,894	12,461	1,576	170	448	239
II 38	Ethylene Glycol (tons)	1,000	560	473	223	9,097	5,004	4,235	188	0	358	223
II 38A	Ethyl Alcohol (tons)	16,025	17,920	13,847	13,539	36,417	33,993	21,288	159	0	0	12,546
II 45	Methanol (tons)	619	1,120	222	222	23,164	13,240	9,001	2,963	371	683	222
II 46	Urotropine (tons)	*	1,120	323	323	*	5,832	4,956	358	25	201	292
II 61A3	Caustic Soda (tons)	10,429	6,720	6,755	5,889	37,949	30,601	24,694	707	0	0	5,200
II 61A5	Acetone (tons)	0	1,120	0	0	1,658	907	907	0	0	0	0
II 61A11	Glycerine (tons)	1,834	1,120	2,616	1,943	11,500	9,783	8,109	301	0	0	1,373

Notes: All tons are 2,000 lbs. net weight.  
Offerings for which no monthly schedules are quoted in the Proposed Third Protocol have been computed on the basis of proportional time elapsed.

a/ New Supply from production or stocks. Reflects pre-export repossessions and diversions made since July 1, 1943.

b/ OFFERINGS ARE NOT OBLIGATIONS UNTIL THIRD PROTOCOL IS SIGNED.

c/ Reflects repossessions and diversions before export.

d/ Includes shipments for clearance through Persian Corridor reported arrived at Persian Gulf ports.

e/ 1943 discharge in U.K. considered as awaiting forwarding except aircraft shown as arrived.

f/ Offering is for material contained in this and other items.

g/ Included in blanket offering of miscellaneous materials.

h/ Petroleum Products made available to meet shipping schedules.

\* Data not available.

\*\* Estimated.

Ref.	Item	Proposed Third Protocol Performance July 1, 1943 to Aug. 31, 1943			Exported During August 1943	Cumulative Performance - 1st, 2nd and Proposed 3rd Protocols October 1, 1941 to August 31, 1943						
		Made Available g/	Offered to be Made Available h/	Exported		Made Available g/	Exported	Arrived d/	Lost	Diverted to Others After Export g/	In U.K. Awaiting Forward- ing g/	Balance En Route Aug. 31, 1943 g/
<b>Chemicals Continued</b>												
<b>(Other Chemicals)</b>												
II 39	Sodium Bromide (tons)	396	-	18	13	2,905	1,687	1,290	334	0	58	5
II 40	Phosphorus (tons)	*	-	0	0	*	1,965	1,480	485	0	0	0
II 41	Dibutyl Phthalate (tons)	*	-	41	41	*	3,369	2,358	859	70	0	82
II 42	Dimethylamine (tons)	*	-	24	24	*	2,274	1,745	420	0	19	90
II 43	Diphenylamine (tons)	*	-	3	0	*	1,489	1,230	256	0	0	3
II 44	Colloxylin (tons wet)	0	-	0	0	8,156	4,766	3,231	1,339	86	110	0
II 48	Ammonia Chloride (tons)	0	-	50	50	4,800	701	676	0	0	0	25
II 50	Potassium Nitrate (tons)	0	-	311	196	3,600	1,476	937	0	0	138	401
II 51	Ammonium Cyanide (tons)	0	-	.4	.4	3	3	2.6	0	0	0	.4
II 52	Centralite (tons)	*	-	70	50	*	607	537	0	0	0	70
II 53	Resorin (tons)	0	-	0	0	120	60	50	0	0	10	0
II 54	Barium Peroxide (tons)	0	-	0	0	331	106	106	0	0	0	0
II 55	Strontium Oxalate (tons)	0	-	40	20	96	68	34	0	0	0	34
II 56	Rhodamine (tons)	0	-	1	0	6	6	5	0	0	0	1
II 57	Torium Nitrate (tons)	0	-	0	0	12	6	6	0	0	0	0
II 59	Cresol (tons)	0	-	0	0	441	292	231	61	0	0	0
II 60	Potassium Sulphate (tons)	0	-	175	175	1,800	580	360	0	0	45	175
II 61	Anthracene (tons)	0	-	0	0	9	9	9	0	0	0	0
II 77	Vistanex (tons)	51	-	75	74	407	282	239	5	0	38	0
II 61A1	Phenol Formaldehyde (tons)	0	-	0	0	1,008	941	745	141	0	0	55
II 61A2	Ammonite (tons)	*	-	414	131	*	6,725	6,725	0	0	0	0
II 61A4	Picric Acid (tons)	*	-	0	0	*	357	210	0	0	147	0
II 61A6	Soda Ash (tons)	112	-	806	230	1,501	1,440	1,137	0	0	0	303
II 61A7	Boric Acid (tons)	0	-	0	0	459	459	292	167	0	0	0
II 61A8	Calcium Carbide (tons)	112	-	186	135	368	354	315	0	0	0	39
II 61A9	Aniline Oil (tons)	0	-	0	0	5,712	3,521	2,466	927	16	112	0
II 61A10	Ethylene Dibromide (tons)	1,120	-	0	0	5,734	1,449	1,449	0	0	0	0
II 61A11	Neosone (tons)	0	-	0	0	504	470	470	0	0	0	0
II 61A15	Twitchell or Petrov Reagent(tons)	277	-	124	0	784	341	341	0	0	0	0
II 61A16	Ethylene Chlorohydrin (tons)	200	-	0	0	231	11	11	0	0	0	0
II 61A17	Ethylene Glycol (tons)	0	-	0	0	552	175	175	0	0	0	0
II 61A18	Potassium Chlorate (tons)	221	-	37	37	1,344	481	404	0	0	40	37
II 61A19	Crystalline Saccharin (tons)	29	-	25	13	227	210	187	10	0	.2	13
II 61A20	Sodium Bicarbonate (tons)	0	-	0	0	600	326	326	0	0	0	0
II 61A21	Black Dyes (tons)	0	-	51	51	752	210	159	0	0	0	51
II 61A22	Napthenic Acid (tons)	0	-	0	0	600	0	0	0	0	0	0
II 61A23	Ammonium Nitrate (tons)	0	-	0	0	5,800	3,353	2,602	113	0	638	0
II 61A24	Carbon and Lamp Black (tons)	0	-	13	13	2,251	2,251	2,251	0	0	0	0
II 61A25	Potassium Tetroxide (tons)	81	-	4	0	326	172	172	0	0	0	0
II 61A99	Miscellaneous Chemicals (tons)	1,127	-	1,490	720	8,718	6,460	5,677	121	0	23	639
Total Other Chemicals (tons)		*	1,533	3,958	1,973	*	49,458	40,640	5,244	172	1,378	2,023
Grand Total Chemicals (tons)		*	33,213	28,626	24,451	*	163,712	126,291	11,496	738	3,068	22,118
<b>Copper Cable and Wire</b>												
II 1	Marine Cable (miles)	45	124	44	18	1,326	948	725	127	0	92	4
II 2	Submarine Cable (miles)	74	62	255	149	839	833	575	31	0	0	227
II 74	Other Insulated Copper Cables(\$1000)	6,664	(1,240 mi.)	727	583	30,329	10,652	9,065	218	0	866	503
II 74A	Bare Copper Cables (\$1000)	4	(3,333tons)	157	38	1,304	1,132	1,026	0	0	80	26
<b>Other Materials and Products</b>												
II 67A	Abrasive Grain (tons)	1,122	666	882	696	3,764	2,259	1,555	91	0	200	413
II 67B	Abrasive Products (\$1000)	653	666	688	516	7,427	6,794	5,139	956	33	344	322
II 68A	Graphite Electrodes (tons)	1,015	959	1,189	1,036	10,455	9,341	7,019	1,319	25	403	575
II 68B	Other Graphite Goods (\$1000)	153	(282tons)	72	52	1,020	959	779	100	0	4	76
II 68C	Graphite Powder (tons)	316	187	269	91	1,351	1,000	705	126	0	0	169
II 69A70	Bearings (\$1000)	1,926	2,500	700	467	6,717	4,423	4,068	150	0	-	205
II 78	Tires (1000 units)	307	1/	300	204	1,665	1,467	1,114	89	7	44	213
II 78	Tubes (1000 units)	333	1/	299	204	1,776	1,420	1,063	86	6	46	219
II 78A	Other Rubber Products (\$1000)	1,617	h/	993	672	6,791	2,971	2,254	71	0	22	624
II 80	Sheet Fibre (tons)	529	h/	616	357	3,480	2,155	969	496	3	147	540
II 81	Shock Absorber Cord (yds.)	0	h/	0	0	197,369	166,111	166,111	0	0	0	0
II 82	Metallic Cloth & Screen (\$1000)	129	167	192	150	1,125	1,029	836	7	0	0	186
II 83	Radio Condenser Paper (tons)	0	24	0	0	156	119	118	0	0	0	1
II 83A	Cigarette Paper (tons)	0	56	90	84	1,042	482	352	68	0	0	62
II 83B	Parchment Paper (tons)	0	280	652	617	2,647	1,439	1,120	0	0	0	319
II 95A	Apparel except Shoes (\$1000)	122	h/	531	326	6,040	3,693	2,368	70	0	0	1,255
II 95B	Rubber Boots (\$1000)	53	h/	*	*	962	*	*				
II 95C	Other Footwear (\$1000)	87	h/	*	*	393	*	*				
II 96A	Textiles (\$1000)	396	h/	371	300	3,974	1,556	1,283	169	0	12	92
II 96B	Fish Nets (tons)	62	h/	89	89	194	145	131	0	0	0	14
II 96C	Rope (tons)	*	h/	283	283	*	1,280	986	0	0	16	278
II 97	Raw Cork (tons)	0	h/	0	0	62	62	62	0	0	0	0
II 35C	Non-Metallic Mineral Prods. (\$1000)	39	h/	55	46	379	307	198	61	0	0	48
II 35	Misc. Materials & Prods. (\$1000)	*	h/	142	85	*	394	290	3	0	27	74
<b>Industrial Equipment</b>												
II 15A	Carbide Tips & Blanks (\$1000)	452	500	238	10	1,740	1,144	1,125	10	0	0	9
II 15B1	Metal Cutting Tools (\$1000)	1,665	2,500	824	303	17,046	14,860	14,446	42	0	3	369
II 15B2	Portable Metal Cutting Machines(\$1000)	31	17	13	13	137	109	95	4	0	0	10
II 15B3	Other Cutting & Boring Tools (\$1000)	189	376	220	220	3,461	3,159	2,898	58	0	0	194

Notes: All tons are 2,000 lbs. net weight.  
Offerings for which no monthly schedules are quoted in the Proposed Third Protocol have been computed on the basis of proportional time elapsed.

g/ New Supply from production or stocks. Reflects pre-export repossessions and diversions made since July 1, 1943.

h/ OFFERINGS ARE NOT OBLIGATIONS UNTIL THIRD PROTOCOL IS SIGNED.

i/ Reflects repossessions and diversions before export.

j/ Includes shipments for clearance through Persian Corridor reported arrived at Persian Gulf ports.

k/ 1943 discharge in U.K. considered as awaiting forwarding except aircraft shown as arrived.

l/ Included in blanket offering of miscellaneous materials.

m/ Included in offering of rubber contained in all material except planes and military vehicles.

\* Data not available.

Ref.	Item	Proposed Third Protocol Performance July 1, 1943 to Aug. 31, 1943			Exported During August 1943	Cumulative Performance - 1st, 2nd and Proposed 3rd Protocols October 1, 1941 to August 31, 1943						
		Made Available a/	Offered to be Made Available b/	Exported		Made Available g/	Exported	Arrived g/	Lost	Diverted to Others After Export g/	In U.K. Awaiting Forward- ing g/	Balance En Route Aug. 31, 1943 g/
<b>Industrial Equipment Continued</b>												
II 150	Precision Measuring Tools (\$1000)	199	500	327	253	604	578	284	1	0	0	293
II 62	Metal Cutting Machine Tools (\$1000) (units)	*	20,000	23,170	18,465	*	108,921	83,772	6,825	0	3,955	14,369
II 63	Electric Furnaces (\$1000) (units)	(*)	(-)	(3,255)	(2,534)	(*)	(15,319)	(11,841)	(969)	(0)	(515)	(1,994)
II 64A	Steel Rolling Mills & Equip.(\$1000)	2,140	2,000	964	800	6,759	6,045	4,534	599	0	97	815
II 64B	Presses, Forges, Hammers, etc.(\$1000)	(*)	(-)	(49)	(38)	(*)	(347)	(269)	(37)	(0)	(5)	(36)
II 64C	Drawing Machines (\$1000)	134	2,667	*	*	456	*	*	*	828	26	1,121
II 64D	Excavating Equip. (\$1000)	0	667	*	*	108	*	*	*	*	*	825
II 65A	Truck & Tractor Cranes (\$1000)	0	2,083	1,818	870	*	9,257	5,336	334	0	2,478	1,109
II 65B	Other Cranes (\$1000)	80	235	155	155	2,300	1,618	1,151	28	0	334	105
II 65C	Compressors (\$1000)	1,865	3,333	574	303	4,274	2,267	1,784	51	0	112	321
II 65D1	Fans, Blowers, etc. (\$1000)	1,490	1,500	614	542	5,625	2,904	2,091	286	0	182	345
II 65E	Pumps (\$1000)	20	26	18	18	58	31	14	0	0	0	17
II 65F	Mining & Metallurgy Equip. (\$1000)	1,303	1,333	380	360	3,663	2,176	1,570	169	0	159	278
II 65G	Elast Furnace Equip. (\$1000)	1,701	1,667	688	494	5,062	2,037	1,631	59	0	118	229
II 65H	Welding Equipment (\$1000)	76	1,667	6	6	156	14	8	0	0	0	6
II 65I	Valves & Fittings (\$1000)	1,071	667	240	197	2,652	894	766	50	0	0	78
II 65J	Pneumatic Tools (\$1000)	889	500	84	32	2,888	1,228	1,173	54	0	0	1
II 66	Control Instr. & Test. Mach.(\$1000)	139	833	559	344	2,923	1,764	1,529	0	0	0	235
II 140	Special Power Program (\$1000)	12,534	283	109	105	450	377	297	25	0	7	48
II 140A	Spec. Program of Ind. Boilers(\$1000)	1,131	*	*	*	31,418	*	*	*	*	*	*
II 65K33B	Block Signal System (\$1000)	28	2,000	0	*	2,142	*	*	*	*	*	*
<b>Auxiliary Industrial Equipment</b>												
II 65K1	Engines & Turbines (\$1000)	0	-	0	0	1,657**	1,657	1,506	133	0	18	0
II 65K2	Industrial Trucks & Tractors (\$1000)	159	-	272	218	3,040	2,353	1,865	78	-	225	185
II 65K3	Power Transmission Equip. (\$1000)	890	-	161	128	2,044	733	613	31	0	0	89
II 65K4	General Purpose Equip. (\$1000)	33	-	27	15	157	149	137	0	0	0	12
II 65K5	Electric Motors (\$1000)	1,507	-	616	474	8,285	4,056	3,510	121	3	45	377
II 65K6	Electric Transformers (\$1000)	642	-	58	33	1,426	379	350	0	0	0	29
II 65K7	Electric Dist. & Control Appar.(\$1000)	420	-	279	199	2,115	1,418	1,269	43	23	20	63
II 65K8	Electric Ovens (\$1000)	0	-	3	3	4	4	-	0	0	0	4
II 65K9	Electric Lamps (\$1000)	7	-	10	10	94	55	45	-	0	0	10
II 65K10	Electrical Appliances (\$1000)	0	-	0	0	12	5	5	-	0	0	0
II 65K11	Misc. Electrical Products (\$1000)	75	-	26	5	630	241	216	0	0	19	6
II 65K12	Food Products Machinery (\$1000)	165	-	24	24	418	119	110	9	0	0	0
II 65K13	Textile Machinery (\$1,000)	10	-	0	0	532	526	441	85	0	0	0
II 65K14	Paper Ind. Machinery (\$1000)	40	-	3	0	361	241	233	0	0	5	3
II 65K15	Printing Machinery (\$1000)	0	-	0	0	44	44	44	0	0	0	0
II 65K16	Tire & Rubber Machinery (\$1000)	1,330	-	499	385	8,187	3,668	3,371	0	0	0	297
II 65K17	Woodworking Machines (\$1000)	82	-	58	41	332	225	196	12	0	0	17
II 65K18	Petroleum Refinery Equip. (\$1000)	12,500	-	12,730	9,385	32,000**	17,409	9,972	262	0	45	7,130
II 65K19	Glass Ind. Machinery (\$1000)	0	-	0	0	38	0	0	0	0	0	0
II 65K20	Chemical Machinery (\$1000)	288	-	1	1	527	18	17	0	0	0	1
II 65K21	Gas Producing Machinery (\$1000)	446	-	83	29	1,873	549	549	0	0	0	0
II 65K22	Other Special Machines (\$1000)	1,113	-	409	104	2,371	1,366	1,307	5	0	0	54
II 65K22A	Cartridge Mfg. Lines (\$1000)	*	-	242	200	*	9,908	9,138	17	0	134	619
II 65K23	Smelting & Casting Equip. (\$1000)	160	-	43	41	776	176	135	0	0	0	41
II 65K24	Non-Ferrous Rolling Mills (\$1000)	902	-	534	481	6,367	4,774	4,770	0	0	1	3
II 65K25	Misc. Metal Working Equip. (\$1000)	152	-	4	4	1,002	107	99	8	0	0	0
II 65K26	Attachments for Mach. Tools (\$1000)	*	-	63	28	*	661	603	17	0	14	27
II 65K27	Agricultural Machines (\$1000)	103	-	64	64	131	72	8	0	0	0	64
II 65K28	Oil Well Drilling Equip. (\$1000)	830	-	1,363	549	4,164	2,630	2,093	0	0	14	523
II 65K29	Rock Drilling Equip. (\$1000)	0	-	0	0	14	14	14	0	0	0	0
II 65K30	Construction Machinery (\$1000)	0	-	-	-	310	183	183	0	0	0	0
II 65K31	Office Machines (\$1000)	0	-	0	0	49	48	48	0	0	0	0
II 65K32	Misc. Machines (\$1000)	302	-	196	196	911	341	291	0	0	2	48
II 65K33	Communication Equip. (\$1000)	922	-	97	45	1,862	707	687	9	0	10	1
II 65K33A	Teletype Apparatus (\$1000)	*	-	49	10	*	67	57	0	0	0	10
II 65K34	Ind. R.R. Trans. Equip. (\$1000)	254	-	98	69	1,602	565	565	0	0	0	0
II 65K35	Motor Vehicles & Parts (\$1000)	3	-	*	*	160	*	*	0	0	0	0
II 65K36	Refrigeration Equipment (\$1000)	6	-	9	0	17	9	0	0	0	0	9
II 65K37	Lighting Fixtures (\$1000)	12	-	31	16	252	221	187	33	0	0	1
II 65K38	Photographic Goods (\$1000)	*	-	129	128	*	1,081	497	75	0	392	117
II 65K39	Indicating & Other Instru. (\$1000)	460	-	241	152	2,089	1,526	1,407	35	0	0	84
II 65K40	Professional Instru. (\$1000)	49	-	173	15	779	669	629	37	0	0	3
II 65K41	Misc. Equip. N.E.S. (\$1000)	194	-	71	21	697	348	307	34	0	0	7
II 65K42	Hand Tools (\$1000)	1	-	10	5	149	139	124	8	0	0	7
<b>Total Auxiliary Equip. (\$1000)</b>		<b>24,500**</b>	<b>6,043</b>	<b>*</b>	<b>*</b>	<b>100,000**</b>	<b>*</b>					
II 110	Locomotives	0	83	0	0	0	0	0	0	0	0	0
II 111	Flat Cars	0	0	0	0	0	0	0	0	0	0	0

Notes: All tons are 2,000 lbs. net weight.  
Offerings for which no monthly schedules are quoted in the Proposed Third Protocol have been computed on the basis of proportional time elapsed.

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- b/ OFFERINGS ARE NOT OBLIGATIONS UNTIL THIRD PROTOCOL IS SIGNED.
- c/ Reflects repossessions and diversions before export.
- d/ Includes shipments for clearance through Persian Corridor reported arrived at Persian Gulf ports.
- e/ 1943 discharge in U.K. considered as awaiting forwarding except aircraft shown as arrived.

\* Data not available.  
\*\* Estimated.

Ref.	Item	Proposed Third Protocol Performance July 1, 1943 to Aug. 31, 1943			Exported During August 1943	Cumulative Performance - 1st, 2nd and Proposed 3rd Protocols October 1, 1941 to August 31, 1943							
		Made Available a/	Offered to be Made Available b/	Exported		Made Available g/	Exported	Arrived d/	Lost	Diverted to Others After Export g/	In U.K. Awaiting Forwarding h/	Balance En Route Aug. 31, 1943	
<b>Foodstuffs</b> (All Units in Tons)													
IV 1	Wheat and Flour	-	-	35,192	20,983	-	326,435	297,855	2,894	275	5,062	20,329	
IV 2	Sugar	-	-	35,725	22,845	-	225,805	171,481	15,541	504	11,247	27,032	
IV 3	Canned Meat	-	-	40,396	19,185	-	269,298	215,086	16,842	4,429	10,994	21,947	
IV 4A	Cured Meat	-	-	2,493	1,256	-	14,680	12,733	499	0	302	1,146	
IV 4B	Fat Cuts	-	-	16,942	8,895	-	120,398	102,571	2,892	573	4,296	10,066	
IV 5	Lard	-	-	9,392	5,422	-	78,526	49,994	6,202	5,917	10,929	5,484	
IV 6	Vegetable Oil	-	-	20,686	12,951	-	152,280	135,060	355	0	2,274	14,591	
IV 7	Soap	-	-	859	370	-	5,663	5,212	111	0	0	340	
SP 100	Miscellaneous Foods	-	-	1,672	777	-	2,846	1,522	3	0	0	1,321	
SP 101	Cereals & Prods. Other than Wheat	-	-	16,033	9,420	-	77,542	69,487	1,065	253	0	6,737	
SP 102	Fodder	-	-	3,248	557	-	5,165	5,128	0	0	0	37	
SP 103	Canned Fruits and Vegetables	-	-	538	449	-	2,210	1,740	75	0	0	395	
SP 104	Dried Fruits and Vegetables	-	-	14,061	10,113	-	127,000	83,445	6,993	3,599	19,394	13,569	
SP 105	Whole Fruits and Vegetables	-	-	970	385	-	1,044	868	0	0	0	176	
SP 106	Cheese	-	-	1,299	695	-	5,020	3,897	295	0	0	828	
SP 107	Butter	-	-	5,545	1,073	-	17,252	14,352	365	415	320	1,820	
SP 109	Condensed & Evap. Milk	-	-	1,720	793	-	7,019	6,136	188	0	0	695	
SP 110	Salt	-	-	184	169	-	1,720	1,615	0	0	0	105	
SP 111	Dried Eggs	-	-	2,987	2,238	-	34,189	21,674	4,137	1,131	4,165	3,082	
SP 112	Concentrated Foods	-	-	1,652	1,442	-	2,792	1,140	0	0	0	1,652	
SP 113	Vitamins	-	-	7	7	-	275	232	0	0	36	7	
SP 114	Dried Milk & Milk Powder	-	-	3,325	2,256	-	20,093	12,698	640	0	4,394	2,361	
SP 115	Citric Acids & Concentrates	-	-	402	394	-	1,649	1,238	56	0	0	355	
SP 116	Vegetable Pastes & Dehydrated Soups	-	-	1,839	1,226	-	2,062	619	30	0	0	1,413	
SP 117	Tea	-	-	95	57	-	717	717	0	0	0	0	
SP 118	Coffee	-	-	523	513	-	3,287	2,727	0	0	560	0	
SP 119	Dehydrated Meats	-	-	63	0	-	774	711	0	0	0	63	
SP 120	Seeds	-	-	29	0	-	10,042	9,995	18	0	0	29	
SP 122	Yeasts	-	-	6	6	-	315	200	0	0	112	3	
SP 123	Oleomargarine	-	-	4,203	3,005	-	8,956	5,439	345	0	0	3,182	
SP 124	Dehydrated Fruits & Vegetables	-	-	333	209	-	826	671	0	0	0	155	
Total Foodstuffs		k/	1,421,200	222,419	127,691	k/	1,525,870	1,236,243	59,546	17,096	74,065	138,920	
<b>Naval Stores</b>													
VI 1	Marine Diesel Engines	80	(517m/)	1	55	17	578	414	374	9	0	31	
VI 2	Marine Gasoline Engines	519	(156m/)	0	334	173	2,372	1,572	1,336	46	0	125	
VI 4	Outboard Motors	100	0	0	0	0	300	200	200	0	0	0	
VI 5	Dry Cargo Vessels Transferred	-	0	4	0	0	57	-	-	-	-	-	
VI 6	Tankers Transferred	-	0	2	0	0	-	9	-	-	-	-	
VI 7	Minesweepers Transferred	-	(10m/)	0	2	0	-	2	-	-	-	-	
VI 9	Submarine Chasers Transferred	-	0	4	3	0	-	4	-	-	-	-	
VI 10	Landing Boats	0	0	28	19	30	28	12	0	0	0	16	
VI 11	Motor Torpedo Boats	0	0	0	0	0	12	12	2	3	0	7	
VI 17	Cerlikon Guns	238	0	378	303	303	1,238	1,158	569	111	0	150	
VI 18	Ammunition for Naval Armament	Being supplied with armament											
VI 19	Storage Batteries for Submarines	1	(15m/)	0	0	0	17	15	13	0	0	2	
VI 20	Diesel Gen. & Gen. Compressors	13	(800m/)	8	4	4	259	165	158	0	0	7	
VI 21	Gasoline Driven Generators	0	0	0	0	0	0	0	0	0	0	0	
VI 22	Marine Turbo Generators	0	(10m/)	0	0	0	14	4	4	0	0	0	
VI 23	Elec. Motors, Motor Gen. & Generators	202	(120m/)	173	*	*	202	*	*	0	0	0	
VI 24	Portable Water Pumps	0	0	6	6	6	6	6	6	0	0	0	
VI 25	Marine Pumps Non-Portable	6	(257m/)	0	0	0	7	0	0	0	0	0	
VI 25A	Marine Turbo Pumps	32	0	18	18	18	63	18	4	0	0	14	
VI 30	Elec. & Pneumatic Underwater Tools (Sets)	0	0	0	0	0	200	50	50	0	0	0	
VI 31	Portable Electric Stations	0	0	10	3	0	12	3	0	0	0	3	
VI 32	Jettying Equip. for Salvage Operators (Sets)	0	(20m/)	0	0	0	0	0	0	0	0	0	
VI 33	Vertical Steam Boilers	0	(10m/)	0	0	0	3	2	2	0	0	0	
VI 34	Submarine Rescue Chambers	1	(1m/)	0	1	1	1	1	0	0	0	1	
VI 35	Windlasses w/motors	4	(5m/)	0	0	0	4	0	0	0	0	0	
VI 36	Electric Ventilating Sets	0	(649m/)	0	0	0	0	0	0	0	0	0	
VI 37	Marine Turbo Ventilators	6	(8m/)	0	0	0	32	0	0	0	0	0	
VI 38	Air Tanks	0	(15m/)	0	0	0	0	0	0	0	0	0	
VI 39	Towing Winches	0	(10m/)	0	0	0	0	0	0	0	0	0	
VI 40	Rotary & Changeover Switches	0	(300m/)	0	*	*	4,365	*	*	0	0	0	
VI 41	Watertight Junction Boxes	0	(240m/)	0	0	0	0	0	0	0	0	0	
VI 42	Auxiliary Equip. for Ships (sets)	0	(10m/)	0	0	0	0	0	0	0	0	0	
VI 43	Elec. Instru. & Fixtures (\$1000)	0	17	0	0	0	2	2	0	0	0	0	
VI 99A	Misc. Stores, & Supplies, etc. (\$1000)	*	0	980	666	*	2,110	1,786	0	0	0	324	
VI 99B	Other Marine Mach. & Equip. (\$1000)	*	0	17	-	*	228	215	-	0	13	0	
VI 99C	Other Electrical Mach. & Equip. (\$1000)	*	0	133	128	*	173	171	0	0	0	2	
VI 99D	Optical & Navigational Instru. & Accessories (\$1000)	*	0	12	11	*	29	25	0	0	0	4	
VI 99E	Radio, Radar & Related Equip. (\$1000)	*	0	150	93	*	635	583	1	0	0	51	
VI 99G	Torpedo Tubes & Related Equip. (\$1000)	*	0	0	0	*	138	17	0	0	121	0	

Notes: All tons are 2,000 lbs. net weight.

Offerings for which no monthly schedules are quoted in the Proposed Third Protocol have been computed on the basis of proportional time elapsed.

a/ New Supply from production or stocks. Reflects pre-export repossessions and diversions made since July 1, 1943.

b/ OFFERINGS ARE NOT OBLIGATIONS UNTIL THIRD PROTOCOL IS SIGNED.

c/ Reflects repossessions and diversions before export.

d/ Includes shipments for clearance through Persian Corridor reported arrived at Persian Gulf ports.

e/ 1943 discharge in U.K. considered as awaiting forwarding except aircraft shown as arrived.

f/ Foodstuffs made available at shipside.

g/ Offering of undelivered balance under 2nd Protocol in addition to 3rd Protocol offering.

\* Data not available.

## PROGRESS OF INDUSTRIAL PROJECTS FOR THE U.S.S.R. As of August 31, 1943

### Petroleum Refinery Program

This project has been developed to replace Soviet facilities destroyed by the German Army. It is designed to produce aviation gas, motor gas and lubricating oils. Its cost is estimated at \$39,000,000.

Process engineering is 100% complete; detail engineering and drafting are 97% complete; orders have been placed for 99% of the equipment involved; 95% of the equipment has been shipped from factory; over 75,000 tons of equipment have been exported. The whole refinery program including power equipment is scheduled for completion by the end of this summer, although certain special equipment such as valves, instruments and tank cars will not be delivered until late fall. Eight U.S. engineers are preparing to leave for the U.S.S.R. to supervise the erection of this project.

### Tire Production Program

This \$6,000,000 project is to permit the Soviet Government to produce a minimum of 1,000,000 military tires per year from their own supplies of synthetic rubber and natural rubber obtained from shrubs. To utilize idle American equipment, the tire plant of the Ford Motor Company has been purchased; all of this equipment has been dismantled and prepared for shipment. Eighty per cent of the new equipment to supplement the Ford plant has been shipped from suppliers; the remaining 20% will be made available from production by November, 1943.

### Automatic Block Signal System

This \$12,000,000 project is to permit automatic signal operation of a portion of the U.S.S.R. railroad system. The equipment when installed will permit greater carrying capacity on existing rail facilities without increase of rolling stock. The system will consist of signal and signal operating equipment for 3000 km of track: 455 km single track alternating current supply, 1162 km single track storage battery supply, 800 km single track primary battery supply and 583 km double track storage battery supply. Contracts have been awarded and layout designs completed.

All drawings have been approved. Contracts for accessory equipment and Diesel generating equipment to operate the line have been awarded.

### Power Program

Steam and Diesel generating equipment and industrial boilers called for under the Second Protocol have been made available to the extent of 99% of the program. Miscellaneous equipment, valves and special piping will be made available in October.

Power equipment under the Third Protocol has been approved and is now being placed under contract. The program consists of 327,700 KW - steam generating equipment; 168,925 KW - Diesel generating equipment; 54,500 KW - hydro-electric equipment. The Soviets have requested the approval of Rectifier Equipment in place of Industrial Boilers. This request has been approved.

STATEMENT OF VESSELS SAILED TO U.S.S.R.  
As of August 31, 1943

Date of Sailing	Number of Ships Sailing					Arrived	En Route as of Aug. 31	Cargo Disch. in U.K.	Lost	Losses by Month
	For North Russia	For Persian Gulf	For Soviet Arctic	For Soviet Far East	Total					
1941 Oct	10	-	-	5	15	14	-	-	1	-
Nov	9	1	-	3	13	12	-	-	1	-
Dec	14	7	-	4	25	22	-	-	3	1
1942 Jan	20	-	-	4	24	19	-	1	4	3
Feb	13	2	-	4	19	16	-	-	3	1
Mar	31	6	-	6	43	32	-	4	7	9
Apr	62	6	-	10	78	46	-	13	19	6
May	14	10	-	7	31	21	-	4	6	-
Jun	8	11	6	9	34	27	-	-	7	6
Jul	2	5	16	12	35	34	-	-	1	16
Aug	11	5	1	19	36	33	-	-	3	1
Sep	4	8	-	17	29	29	-	-	-	10
Oct	-	13	-	19	32	32	-	-	-	-
Nov	-	8	-	26	34	32	-	-	2	3
Dec	4	17	-	24	39	38	-	1	-	-
1943 Jan	12	12	-	22	46	38	-	8	-	-
Feb	22	7	-	28	57	35	-	20	2	1
Mar	1	19	-	26	46	44	-	1	1	2
Apr	-	18	-	37	55	54	-	-	1	1
May	-	15	4	44	63	62	-	-	1	-
Jun	-	4	5	45	54	53	1	-	-	2
Jul	-	17	16	24	57	45	12	-	-	-
Aug	-	24	7	38	69	6	61	-	2	2
Sep										
Oct										
Nov										
Dec										
Total Oct. 1941 to Aug. 31, 1943	237	209	55	433	934	744	74	52*	64	64

\* 22 vessels discharged in 1942. All but 11,000 tons of cargo have been forwarded or diverted to others. 30 vessels discharged in April, 1943. Cargo is being on-carried, stored, or diverted.

Of the 934 sailings from October 1, 1941 to August 31, 1943, 410 were made by American vessels, 372 by Soviet vessels, 134 by American vessels transferred to Soviet registry, 17 by British vessels and 1 by a Swedish vessel. In addition to the 934 sailings, there were 96 ships that loaded partial cargoes in the U.S. for the U.S.S.R. In addition to the 64 ships shown above as lost, several ships have been sunk on their return voyages.

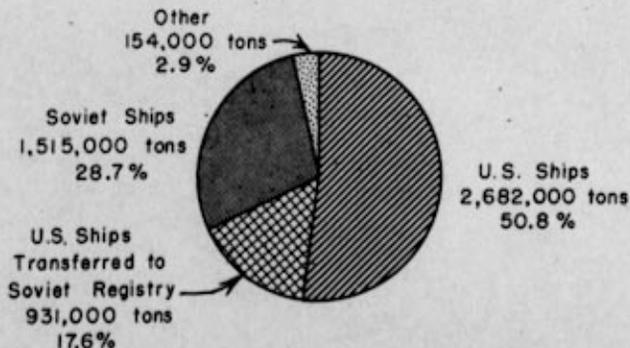
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STATEMENT OF CARGO SHIPPED TO U.S.S.R.  
As of August 31, 1943

(Thousands of Gross Long Tons)

Month	For North Russia	For Persian Gulf		For Soviet Arctic	For Soviet Far East		Total	Arrived	En Route as of Aug. 31	Cargo on Hand or Diverted In U. S. K.	Lost	Losses by Month
		Full Cargoes	Partial Cargoes		Full Cargoes	Partial Cargoes						
1941 Oct	48	-	-	-	17	-	65	62	-	-	3	-
Nov	41	3	-	-	14	-	58	55	-	-	3	-
Dec	50	10	-	-	11	-	71	63	-	-	8	3
1942 Jan	63	-	-	-	26	-	89	72	-	1	16	9
Feb	66	4	1	-	20	-	91	76	-	-	15	5
Mar	171	17	1	-	25	-	214	163	-	6	45	42
Apr	376	21	-	-	38	-	435	262	-	46	127	-
May	92	79	8	-	33	-	212	143	-	20	49	38
Jun	55	84	7	18	31	-	195	139	-	-	56	55
Jul	13	39	25	46	59	1	183	174	-	-	9	114
Aug	69	39	25	3	83	-	219	197	-	-	22	7
Sep	28	63	9	-	79	-	179	179	-	-	-	65
Oct	-	109	12	-	108	-	229	229	-	-	-	2
Nov	-	66	6	-	106	1	179	166	-	-	13	17
Dec	29	83	8	-	123	-	243	236	-	7	-	-
1943 Jan	73	83	4	-	98	-	258	210	-	48	-	-
Feb	164	40	-	-	129	-	333	168	-	150	15	8
Mar	9	131	-	-	123	-	263	246	-	9	8	16
Apr	-	139	6	-	193	-	338	331	-	-	7	7
May	-	112	9	12	217	-	350	343	-	-	7	-
Jun	-	25	4	16	228	1	274	272	2	-	-	15
Jul	-	116	10	57	153	-	336	254	82	-	-	-
Aug	-	173	4	32	259	-	468	37	417	-	14	14
Sep												
Oct												
Nov												
Dec												
Total Oct. 1941 to Aug. 31, 1943	1,347	1,436	139	184	2,173	3	5,282	4,077	501	287	417	417

DISTRIBUTION OF TONNAGE SHIPPED TO AUG. 31, 1943  
BY REGISTRY OF SHIPS



DATA ARE GROSS LONG TONS