

Lond Lease: May 1944

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FOREIGN ECONOMIC ADMINISTRATION

WASHINGTON 25, D. C.

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B. F.
Lend Lease

May 4, 1944

MEMORANDUM

To: The President

From: Leo T. Crowley, Administrator
Foreign Economic Administration

Subject: Status of the Soviet Aid Program

I am transmitting herewith the secret report on the status of the Soviet Aid Program, as of March 31, 1944.

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

Leo T. Crowley
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STATUS OF THE SOVIET AID PROGRAM
AS OF MARCH 31, 1944

DECLASSIFIED
State Dept. Letter

FEB 2 1972

Foreign Economic Administration
April 29, 1944

PREPARED FOR THE
PRESIDENT'S SOVIET PROTOCOL COMMITTEE

~~SECRET~~

PERFORMANCE DURING MARCH 1944

Shipments to the Soviet Union from United States and Canadian ports during March totaled 365,800 long tons, 96% of the monthly requirement under the Third Protocol. Shipments from July 1943 through March 1944 have totaled 4,354,300 long tons - 127% of the requirement for the period and 96% of the requirement for the full Protocol year.

Cargo shipped during March and during the Third Protocol period to date is summarized as follows:

	March		July-March	
	Long Tons	Per Cent	Long Tons	Per Cent
U. S. SUPPLIES				
Trucks & Other Vehicles	53,000	14	477,100	11
Metals	54,800	15	700,300	16
Chemicals & Explosives	14,300	4	347,700	8
Petroleum Products	18,900	5	415,000	10
Industrial Equipment	21,700	6	359,500	8
Food	128,500	35	1,392,900	32
Other	60,300	17	465,600	11
U.S. Total	351,500	96	4,158,100	96
BRITISH & CANADIAN SUPPLIES	14,300	4	196,200	4
TOTAL	365,800	100	4,354,300	100

Shipments during April are expected to amount to 350,000 long tons or 92% of the monthly Protocol rate. Shipments for the entire Third Protocol period are expected to reach at least 5,600,000 long tons or 123% of the total Protocol plan.

A total of 631 U. S. manufactured aircraft departed from North America for the U.S.S.R. during March - 409 for U.S. Protocol Account and 222 for U.K. Account. Of the total, 288 were flown from Fairbanks, Alaska; 28 were flown from Miami, Florida; 3 were shipped by water to Murmansk; and 312 were shipped to the Persian Gulf.

Foreign Economic Administration
April 29, 1944

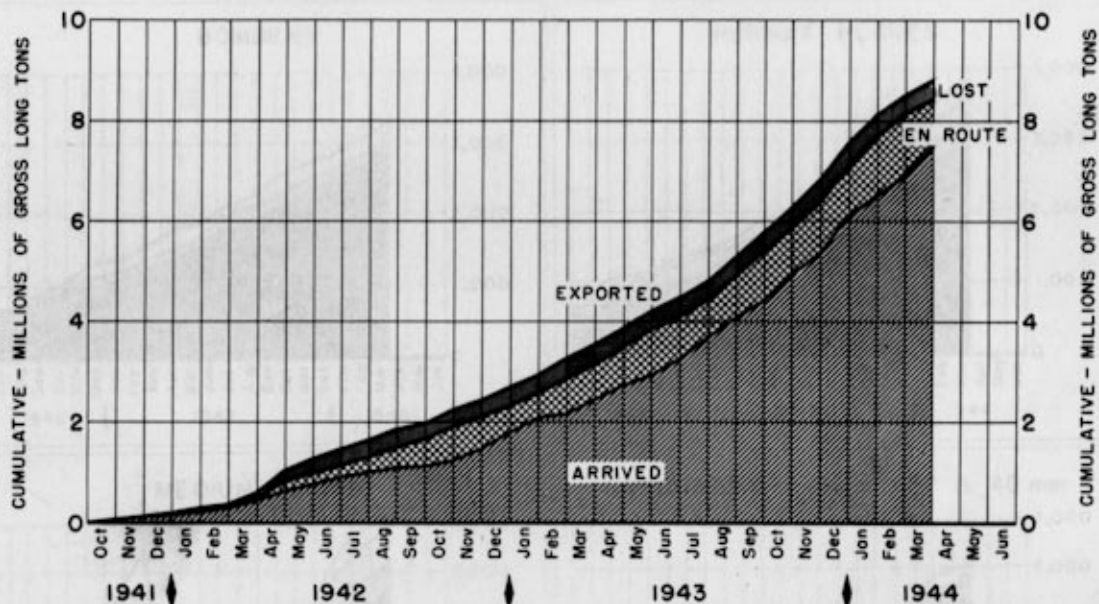
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By J. Schauble Date FEB 2 1972

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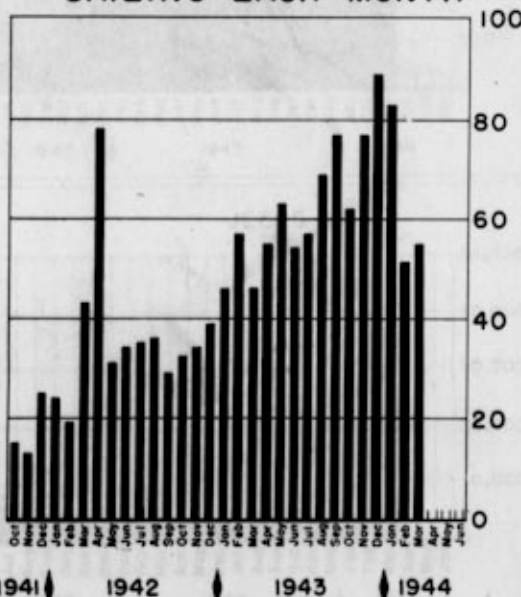
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SHIPMENTS TO U. S. S. R.

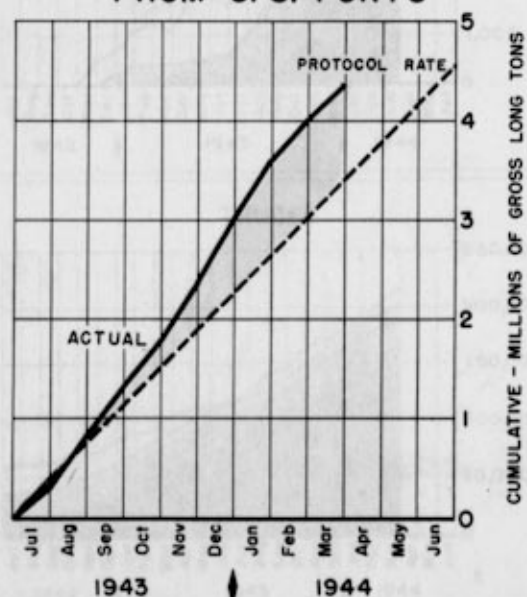
SHIPMENTS, ARRIVALS AND LOSSES



NUMBER OF SHIPS SAILING EACH MONTH



THIRD PROTOCOL CLEARANCES FROM U. S. PORTS



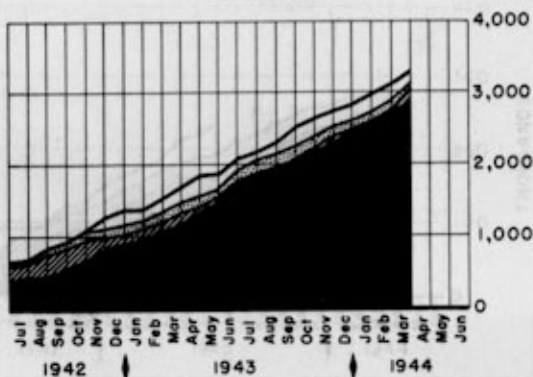
EXPORTS AND AVAILABILITY OF SELECTED ITEMS

CUMULATIVE SINCE OCTOBER 1, 1941

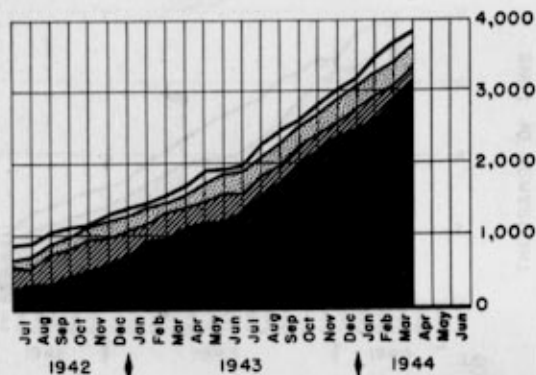
Exported
Lost
En Route
Arrived

Quantity made available at
U.S. centers of production

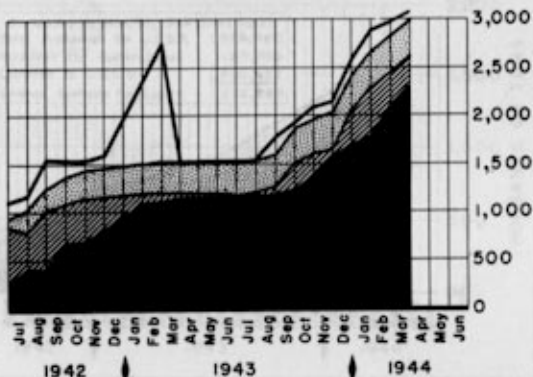
BOMBERS



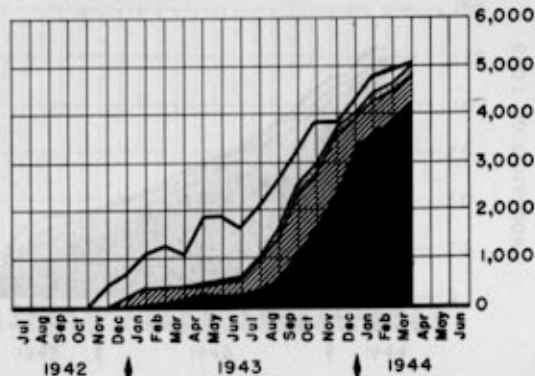
PURSUIT PLANES



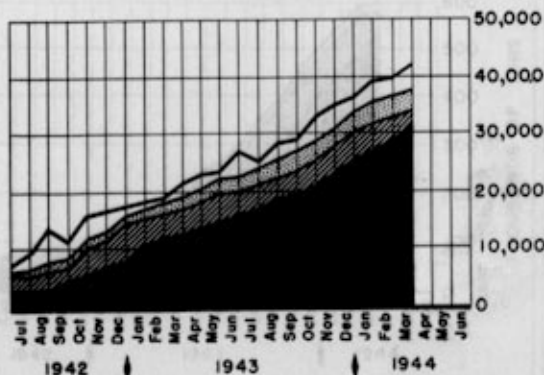
MEDIUM TANKS



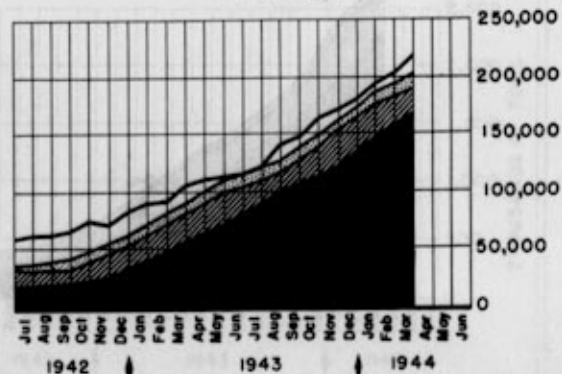
ANTI-AIRCRAFT GUNS 37 & 40 mm



JEEPS



TRUCKS



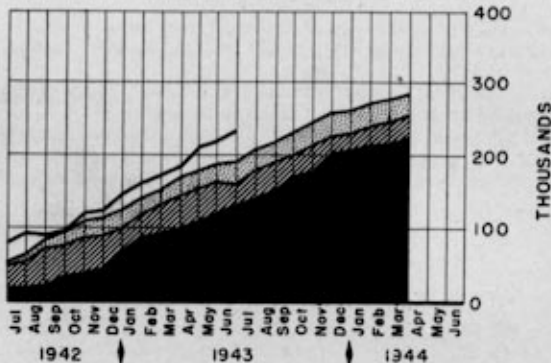
EXPORTS AND AVAILABILITY OF SELECTED ITEMS

CUMULATIVE SINCE OCTOBER 1, 1941

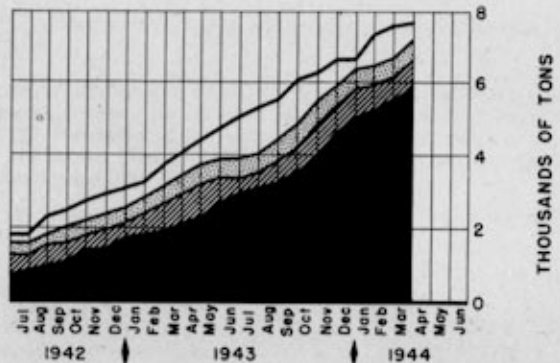
Exported
Lost
En Route
Arrived

Quantity made available at
U.S. centers of production

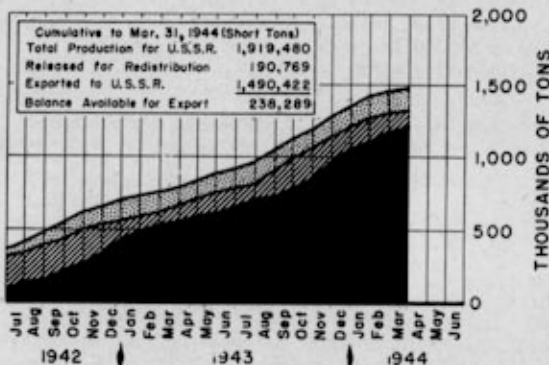
FIELD TELEPHONES



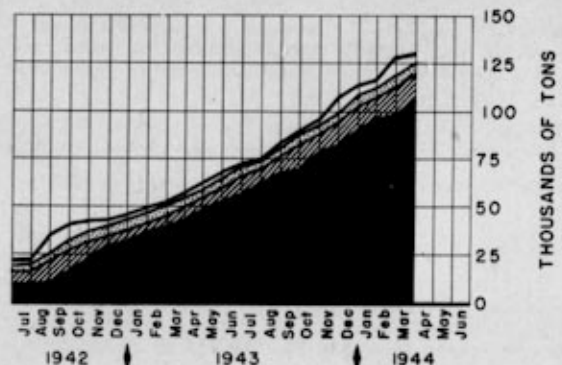
ARMY BOOTS



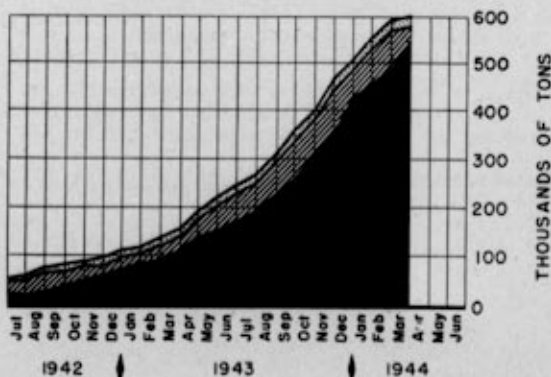
STEEL AND STEEL PRODUCTS



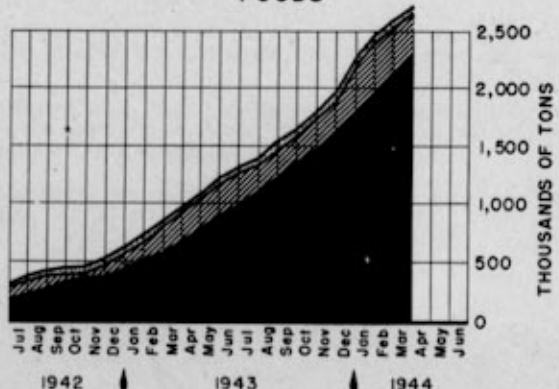
ALUMINUM AND DURALUMINUM



CHEMICALS AND EXPLOSIVES



FOODS



By J. Schauble Date FEB 2 1972

PROGRESS OF INDUSTRIAL PROJECTS FOR THE U.S.S.R.

As of March 31, 1944

STATEMENT OF VESSELS MAILED TO U.S.S.R.

PETROLEUM REFINERY PROJECT This project was developed to replace Soviet facilities destroyed by the German Army. It was designed to produce aviation gas, motor gas, and lubricating oils. Of the entire project valued at \$43,938,000, equipment valued at \$43,219,000 has been made ready for shipment. Equipment valued at \$39,592,000 has been exported. Most of the equipment remaining to complete the project consists of valves, instruments, spare parts and tank cars which are expected to be shipped before summer. Nineteen U. S. engineers are in the U.S.S.R. aiding in construction.

Orders have gone forward for additions to supplement the facilities already supplied. This additional equipment, valued at \$25,150,000 is now being contracted for.

POWER PROGRAM Under the Second Protocol program 320,000 KW of stationary steam generating equipment has been made available. This includes nine units with a total capacity of 40,500 KW furnished with the petroleum refinery project, and two units totaling 11,000 KW furnished with the tire plant. The remaining units of the Second Protocol program totaling 268,500 KW are rated from 250 KW to 35,000 KW and are for installation as power utility plants. Over 73 percent of this equipment has been exported.

Diesel generating equipment totaling 162,000 KW and 59 industrial steam boilers have been made available for export.

Power equipment approved under the Third Protocol has now been placed under contract. Designing and manufacturing are progressing on schedule. The program consists of generating equipment as follows:

Stationary Steam Generating Equipment	166,500 KW	Mobile Diesel Generating Equipment	32,000 KW
Mobile Steam Generating Equipment	217,000 KW	Hydro-Electric Equipment	68,150 KW
Stationary Diesel Generating Equip.	106,925 KW	Total	590,575 KW

Thirty-two industrial steam boilers and transmission equipment valued at \$5,000,000 are also being supplied.

TIRE PLANT This \$9,000,000 project was designed to permit the production of a minimum of 1,000,000 military tires a year from U.S.S.R. supplies of synthetic rubber and natural rubber obtained from shrubs. To utilize idle American equipment basic elements of the tire plant of the Ford Motor Company have been acquired.

New equipment necessary to complete the production cycle for large size military tires has been purchased. A power plant to supply the necessary steam and electrical power is being supplied at a cost of \$1,100,000.

Tire production equipment valued at \$8,500,000 has been made available by suppliers. Equipment valued at \$6,000,000 has been exported.

The power plant is in production and a small portion has already left the United States.

R.R. BLOCK SIGNAL SYSTEM This project is to permit automatic signal operation of a portion of the U.S.S.R. railroad system. When installed it will increase the carrying capacity of existing rail facilities without increase of rolling stock. The system valued at \$11,508,000 will provide signal and signal operating equipment for 3,000 Km of track. Equipment valued at \$4,217,000 has been made ready for shipment of which \$81,000 has been exported.

In addition 42 power plants of 40 KW each, all valued at \$500,000 are being furnished to provide the necessary electricity to operate the system. Production of the power units has commenced.

ROLLING MILLS An aluminum rolling mill to supply aluminum sheet for the U.S.S.R. aircraft industry is nearly complete. Of the total valued at \$6,377,000, equipment valued at \$6,290,000 has been made ready for shipment and \$5,034,000 has been exported.

One 18" merchant mill, a blooming mill, rail and structural mill, R.R. tie plate and splice bar mill, and a pipe fabricating mill, all estimated to cost \$19,088,000 are now in production. Portions of the 18" merchant mill and the pipe mill have been prepared for shipment. None of this equipment has been exported.

STEEL EXPANSION PROGRAM Production of equipment valued at \$13,212,000 for expansion of U.S.S.R. steel production is now progressing. This equipment, all of which is to supplement existing facilities, is expected to increase Soviet production of carbon steel ingots by 2,500,000 tons a year. Equipment valued at \$1,236,000 has left suppliers of which \$495,000 has been exported.

OTHER PLANTS

	Cost	Manufactured	Exported
Wall Board Plant	\$536,600	\$421,000	0
Glass Bulb and Tubing Plant	1,400,000	0	0
Voltol Plant (Pilot)	142,800	134,000	\$72,600
Nitric Acid Plant	528,300	437,000	0
Hydrogen Gas Plant	531,800	531,800	51,800
Hydrogen and Catalyst Plants	2,616,900	501,000	0

By J. Schauble Date FEB 2 1972

STATEMENT OF VESSELS SAILED TO U.S.S.R.

As of March 31, 1944

Date of Sailing	Number of Vessels Sailing					Arrived	En Route as of Mar. 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	-
May	14	10	-	7	31	21	-	4	6	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	11	-	24	39	38	-	1	-	-
1943 Jan	12	12	-	22	46	38	-	8	-	-
Feb	23*	7	-	28	58	36	-	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	54	-	-	-	2
Jul	-	17	16	24	57	57	-	-	-	-
Aug	-	24	7	38	69	67	-	-	2	2
Sep	-	27	-	50	77	77	-	-	-	-
Oct	10	25	-	27	62	61	-	-	1	-
Nov	20*	25	-	32	77	76	-	-	1	1
Dec	29*	21	-	39	89	84	3	-	2	-
1944 Jan	30	26	-	27	83	73	10	-	-	3
Feb	17**	16	-	19	52	23	28	-	1	-
Mar	16	21	-	18	55	1	54	-	-	1
Total Oct. 1941 to Mar. 31, 1944	360	370	55	645	1,430	1,214	95	52	69	69

* Includes one tanker from U.K. for U.S. Protocol Account.

** Includes two tankers from U.K. for U.S. Protocol Account.

Of the 1,430 sailings from October 1, 1941 to March 31, 1944, 686 were made by American vessels, 472 by Soviet vessels, 246 by American vessels transferred to Soviet registry, 25 by British vessels and 1 by a Swedish vessel. In addition to the 1,430 sailings, there were 105 ships that loaded partial cargoes in the U.S. for the U.S.S.R. In addition to the 69 ships shown above as lost, several ships have been sunk on their return voyages.

ACTUAL SHIPMENTS COMPARED WITH PROTOCOL SHIPPING OBJECTIVES

July 1943-March 1944

FIGURES IN LONG TONS

	Atlantic Route	Pacific Route	Total
Protocol Objective	1,607,100	1,808,000	3,415,100
Shipments	2,498,800*	1,855,500	4,354,300
Shipments in % of Objective	155.5%	102.6%	127.5%

* Includes 92,500 tons of petroleum products from Abadan for U. S. Protocol account, the material being replaced to U. K. from the U. S.

By J. Schauble Date **FEB** 2 1972

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STATEMENT OF CARGO SHIPPED TO U.S.S.R.

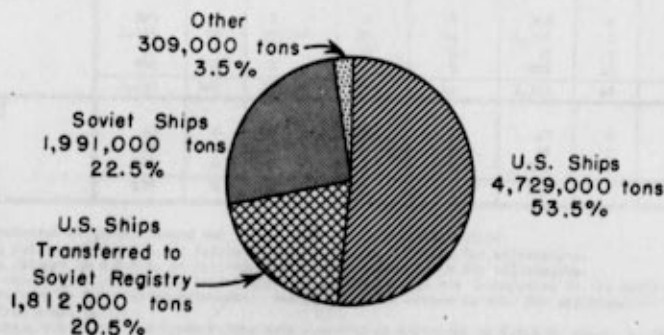
As of March 31, 1944

(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 Mar. 31	Cargo On Hand or Diverted In U. K.	Lost	Losses by Month
		Full Cargoes	Partial Cargoes	From Abadan		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	-	5	46	42
Apr	376	21	-	-	-	38	-	435	267	-	40	128	-
May	92	79	8	-	-	33	-	212	141	-	19	52	38
Jun	55	84	7	-	18	31	-	195	139	-	-	56	55
Jul	13	39	25	-	46	59	1	183	174	-	-	9	114
Aug	69	40	25	-	2	83	-	219	197	-	-	22	7
Sep	28	63	9	-	-	79	-	179	179	-	-	-	65
Oct	-	109	12	-	-	108	-	229	229	-	-	-	2
Nov	-	66	5	-	-	106	1	178	165	-	-	13	17
Dec	29	83	9	-	-	123	-	244	237	-	7	-	2
1943 Jan	73	83	4	-	-	98	-	258	210	-	48	-	2
Feb	173	40	-	-	-	129	-	342	178	-	150	14	8
Mar	9	131	-	-	-	123	-	263	246	-	9	8	16
Apr	-	138	5	-	-	194	-	337	330	-	-	7	7
May	-	112	9	-	13	216	-	350	343	-	-	7	-
Jun	-	25	4	-	16	229	1	275	275	-	-	-	15
Jul	-	116	10	9	58	152	-	345	345	-	-	-	-
Aug	-	173	4	7	32	261	-	477	463	-	-	14	14
Sep	-	194	4	8	-	313	-	519	519	-	-	-	-
Oct	66	187	6	11	-	181	-	451	442	-	-	9	-
Nov	145	194	1	10	-	229	-	579	571	-	-	8	9
Dec	214	167	-	10	-	262	-	653	612	27	-	14	-
1944 Jan	222	202	-	11	-	176	-	611	540	71	-	-	22
Feb	127	114	-	13	-	100	-	354	152	194	-	8	-
Mar	110	150	-	14	-	91	-	365	22	343	-	-	8
Total Oct. 1941 to Mar. 31, 1944	2,240	2,644	149	93*	185	3,527	3	8,841	7,467	635	279	460	460

* Petroleum products by rail ex Abadan for U. S. Account, replacement to U. K. from U. S.

DISTRIBUTION OF TONNAGE SHIPPED TO MARCH 31, 1944 BY REGISTRY OF SHIPS



DATA ARE GROSS LONG TONS

DECLASSIFIED

State Dept. Letter, 1-11-72

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By J. Schauble Date FEB 2 1972

AIRCRAFT DELIVERIES TO U.S.S.R.

October 1, 1941 to March 31, 1944

Protocol requirements are considered filled upon delivery of aircraft from factories.

Departure points from North America are: U.S. ports for water shipments, Fairbanks for flight-deliveries via the Alaskan-Siberian Ferry Route, and Miami, Florida or adjacent fields for flight-deliveries via the South Atlantic. Planes shipped by water to North Russia are considered delivered upon arrival at Murmansk or Archangel. Planes shipped by water to the Persian Gulf are assembled at Abadan and with planes arriving there over the South Atlantic Ferry Route are delivered at Abadan to U.S.S.R. pilots. Alaskan-Siberian Ferry route planes are delivered to Soviet pilots at Fairbanks.

With the exception of 59 P-40 fighters shipped from U.S. ports in September, 1941 and arrived in North Russia in November and December 1941, this schedule includes all aircraft departed from the U.S. for direct delivery to the U.S.S.R. Aircraft shipped from the U.S. intended for use in the United Kingdom but retransferred from the United Kingdom to the U.S.S.R. are not included.

	Delivered at Factories	In North America Mar. 31, 1944		Lost in North America		Departed North America	Lost After Depart- ure	Diverted to Others	En Route N.A. to Destina- tion 3/31/44	Arrived at Destina- tion	Delivered to USSR at Destina- tion
		In U.S.	In Canada and Alaska	In U.S.	In Canada and Alaska						
BY ROUTE											
Alaskan-Siberian Ferry Route	3,844	187	124(44)*	51	40	3,442	0	0	0	3,442	3,442
South Atlantic Ferry Route to Abadan	975	68	0	16	0	891	39	1	17	834	810
Water to North Russia	1,483	0	0	0	0	1,483	310	1	30	1,142	1,142
Water to Persian Gulf Assembly at Abadan	3,793	147	0	0	0	3,646	175	0	352	3,119	2,882
Total	10,095	402	124(44)*	67	40	9,462	524	2	399	8,537	8,276
U.S. PROTOCOL ACCOUNTS											
Pursuit Planes											
P-40 Alsib	50	0	0	0	2	48	0	0	0	48	48
P-40 North Russia, water	1,149	0	0	0	0	1,149	248	1	21	879	879
P-40 Persian Gulf, water	742	21	0	0	0	721	25	0	80	616	(4)** 616
P-39 Alsib	690	55	27(9)*	5	12	591	0	0	0	591	591
P-39 North Russia, water	57	0	0	0	0	57	7	0	0	50	50
P-39 Persian Gulf, water	1,012	36	0	0	0	976	28	0	50	898	(1)** 898
P-47 Alsib	3	0	0	0	0	3	0	0	0	3	3
P-47 North Russia, water	3	0	0	0	0	3	0	0	3	0	0
P-47 Persian Gulf, water	97	34	0	0	0	63	0	0	58	5	0
P-53 North Russia, water	3	0	0	0	0	3	0	0	3	0	0
Total Pursuit Planes	3,806	146	27(9)*	5	14	3,614	308	1	215	3,090	(5)** -
Light Bombers											
A-20 Alsib	1,159	42(a)	42(24)*	20(a)	8	1,047	0	0	0	1,047	1,047
A-20 South Atlantic	847	68	0	16	0	763	35	1	17	710	686
A-20 North Russia, water	165	0	0	0	0	165	39	0	0	126	126
A-20 Persian Gulf, water	637	0	0	0	0	637	79	0	0	558	558
Total Light Bombers	2,808	110	42(24)*	36	8	2,612	153	1	17	2,441	2,417
Medium Bombers											
B-25 Alsib	337	31(b)	8(3)*	0	1	297	0	0	0	297	297
B-25 South Atlantic	128	0	0	0	0	128	4	0	0	124	124
B-25 North Russia, water	5	0	0	0	0	5	0	0	0	5	5
Total Medium Bombers	470	31	8(3)*	0	1	430	4	0	0	426	426
Heavy Bombers											
B-24 Alsib	1(c)	0	0	0	0	1	0	0	0	1	1
Cargo Planes											
C-47 Alsib	278	13	8(3)*	1	0	256	0	0	0	256	256
Observation Planes											
O-52 North Russia, water	30	0	0	0	0	30	11	0	0	19	19
Advanced Trainers											
AT-6-C North Russia, water	8	0	0	0	0	8	0	0	3	5	5
AT-6-C Persian Gulf, water	22	0	0	0	0	22	0	0	0	22	(1)** 20
Total Advanced Trainers	30	0	0	0	0	30	0	0	3	27	(1)** -
U.S. PROTOCOL ACCOUNTS (Under Reciprocal Agreements)											
P-40 Persian Gulf, water	300	0	0	0	0	300	0	0	0	300	-
P-39 Alsib	1,296	46	39(5)*	25	14	1,172	0	0	0	1,172	1,172
P-39 North Russia, water	35	0	0	0	0	35	5	0	0	30	30
P-39 Persian Gulf, water	862	56	0	0	0	806	43	0	164	599	(1)** -
Total (Pursuits)	2,493	102	39(5)*	25	14	2,313	48	0	164	2,101	(1)** -
REIMBURSEMENT ACCOUNT											
P-39 Alsib	30	0	0	0	3	27	0	0	0	27	27
P-39 North Russia, water	28	0	0	0	0	28	0	0	0	28	28
P-39 Persian Gulf, water	121	0	0	0	0	121	0	0	0	121	(1)** -
Total (Pursuits)	179	0	0	0	3	176	0	0	0	176	(1)** -

* At Fairbanks

** Water shipments received at Abadan washed out before delivery to U.S.S.R. pilots.

(a) Includes 3 A-20's refused by U.S.S.R. at Fairbanks returned to Great Falls for adjustments.

(b) Includes 3 B-25's refused by U.S.S.R. at Fairbanks returned to Great Falls for adjustments.

(c) One heavy bomber carrying a U.S. Mission became stranded in Siberia and was transferred to the Soviet Government.

(d) Includes 1 A-20 refused by U.S.S.R. at Fairbanks - washed out after return to U.S. for adjustments. Includes loss of 1 A-20 in U.S. after departure from Great Falls.

(e) As of March 31, 1944, 876 P-40's and 1,569 P-39's were reported as delivered to U.S.S.R. pilots at Abadan. This data is not in detail as to U.S. and U.S. account.

* Through previous courier reported received in Persian Gulf zone.

* This schedule includes only those aircraft which were shipped from the U.S. to the U.S.S.R. and not those which were shipped from the U.S. to the U.S.S.R. through other means.

* Includes, repair parts and other equipment supplied to U.S.S.R. aircraft.

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EXPORTS AND AVAILABILITY

By J. Schauble Date

SECRET
Sheet 1

As of March 31, 1944

Item	3rd Protocol Performance July 1, 1943 - March 31, 1944			Exported		Cumulative Performance - 1st, 2nd and 3rd Protocols October 1, 1941 to March 31, 1944						
	3rd Protocol Offering a	Offered to Date a	Made Avail. To Date b	During Mar. 1944	7/1/43 - 3/31/44	Made Avail. c	Exported	Arrived d	Lost	Diverted After Export e	In U.S. Awaiting Forwarding f	Balance En Route Mar. 31 1944 g
MILITARY ITEMS												
Aircraft f												
For U. S. Protocol Accounts												
Pursuit Planes	2,400	1,800	1,859	227	1,733	3,806	3,614					
Light Bombers	1,200	900	987	113	890	2,808	2,612					
Medium Bombers	300	225	250	46	224	470	430					
Heavy Bombers	0	0	0	0	0	1	1					
Cargo Planes	240	180	198	23	173	278	256					
Advanced Trainers	0	0	0	0	0	30	30					
Observation Planes	0	0	0	0	0	30	30					
PET-5 Patrol Bombers	0	0	48	0	0	48	0					
For U.K. Protocol (Under Reciprocal Agreement)												
Pursuit Planes	1,800	1,350	1,343	222	1,318	2,493	2,313					
For Reimbursement Account												
Pursuit Planes	0	0	0	0	0	179	176					
Link (Ground) Trainers	0	0	10	5	5	10	5					
Aircraft Landing Mats (tons)	0	0	8,533	0	8,533	8,533	8,533	8,533				5
			(3 runways)									0
Tanks f												
Light Tanks	0	0	0	0	0	1,680	1,680	1,237	443			0
Medium Tanks	2,000	1,500	1,396	201	1,468	3,096	3,004	2,309	395			310
Guns, etc. f												
AA Guns 90 mm.	0	0	94	0	136	224	224	196	8		20	0
AA Guns 40 mm.	0	0	3,434	408	4,526	4,609	4,601	3,869	196		0	536
AA Guns 37 mm.	0	0	0	0	424	424	424	340	16		68	0
AA 50 Cal. mg.	0	0	**	0	1,025	**	1,825	1,425	0		400	0
AA Guns 37 mm. S. P. (4 guns per vehicle)	0	0	100	50	100	100	100	25	0		0	75
AA Guns 50 Cal. S.P.	0	0	899	349	783	899	783	196	0		0	587
AT Guns 37 mm.	0	0	0	0	63	63	63	35	28		0	0
AT 76 mm. S. P. (Tank Destroyers)	0	0	5	0	5	5	5	5	0		0	0
AT 57 mm. S.P. (Tank Destroyers)	0	0	657	0	657	657	657	657	0		0	0
AT 3" S.P. (Tank Destroyers)	0	0	50	0	52	52	52	52	0		0	0
Submachine Guns .45 Cal.	0	0	**	150	850	**	133,633	110,293	23,190		0	150
Rocket Launchers	0	0	0	0	0	3,000	3,000	3,000	0		0	0
Mortars, 81 mm.	0	0	0	0	0	30	30	30	0		0	0
Pistols and Revolvers	0	0	5,000	3,500	11,500	11,500	11,500	8,000	0		0	3,500
Ammunition is being supplied for all weapons furnished by the U.S. in accordance with standards prescribed for U. S. Forces. Additional ammunition is furnished for weapons of Soviet manufacture.												
Trucks (with equipment and spare parts including tires)												
Cargo & Weapon Carriers (3/4 ton)	/	/	6,812	1,124	5,766	11,616	10,414	8,538	78	598	0	1,200
Trucks (1 1/2 ton)	/	/	45,109	2,838	44,582	104,552	98,813	83,577	6,190	1,826	1,446	5,774
Trucks (2 1/2 ton)	/	/	41,982	5,994	37,634	101,358	93,098	76,566	4,176	704	3,418	8,234
Trucks (5 ton & over)	/	/	124	0	28	178	82	54	0	0	0	28
Tank Transporters (20 & 40 ton)	/	/	228	6	200	304	276	250	16	0	0	10
Total Trucks	132,000	96,000	94,255	9,962	88,210	218,008	202,683	168,985	10,460	3,128	4,864	15,246
Other Vehicles f												
Armored Scout Cars	4,500	-	2,182	191	1,649	3,096	2,563	2,063	193	0	0	334
Jeeps (1/2 ton Axle)	24,000	18,000	17,055	777	14,961	42,187	37,409	31,051	3,657	1,378	0	1,323
Amphibian Jeeps (1/2 ton)	600	450	476	171	1,747	2,139	1,749	1,007	0	0	0	742
Personnel Carriers (1/2 Trunk)	0	0	2	44	330	805	659	549	54	0	0	56
Cargo Carriers (1 1/2 ton, 1/2 Trunk)	12,000	9,000	9,912	1,214	9,736	22,012	21,136	16,388	1,706	1,100	0	1,942
Motorcycles	2,400	1,800	1,826	166	1,896	4,874	3,789	3,126	223	0	155	285
Tractors (Artillery Prime Movers)	0	0	145	0	130	145	130	130	0	0	0	0
Tank Recovery Units	0	0	278	27	710	1,437	1,014	966	3	0	0	45
Field Repair Trucks	0	0	2,584	22	2,123	3,107	2,490	2,368	0	0	0	122
Gas & Diesel Engines for Trucks	0	0	0	0	0	0	0	0	0	0	0	0
Signal Equipment f												
Radio Stations (over 1 KW)	61	35	12	0	10	**	10	10	0	0	0	0
Radio Stations (1 KW & under)	12,000	10,050	12,538	1,974	9,998	**	20,469	16,263	122	32	0	4,052
Radio Receivers	2,230	1,480	2,001	26	1,356	**	1,813	1,744	0	0	0	69
Ground Radio Locators	0	0	5	0	20	**	25	25	0	0	0	0
Radio Beacons	0	0	202	0	157	**	157	107	0	0	0	50
Radio Direction Finders	150	100	48	0	28	**	28	28	0	0	0	0
Radio Parts & Access. (\$1000)	3,000	2,250	685	21	821	**	2,112	2,087	4	0	0	21
Radio Mags. & Test. Equip. (\$1000)	0	0	516	44	290	**	489	443	2	0	0	44
Radio Tubes (1000 units)	2,400	1,788	1,766	**	**	**	**	**	**	**	**	**
Field Telephones	100,000	75,000	106,300	6,800	96,452	**	284,743	224,495	32,848	600	11,600	15,200
Field Telephone Wire (miles)	186,000	168,000	162,490	29,245	211,053	**	889,407	714,636	127,619	0	12,604	34,548
Gas Driven Generators	4,000	3,500	3,967	566	4,076	**	15,139	14,342	103	0	0	694
Dry Cells for Radios	0	0	**	4,800	149,778	**	188,746	183,946	0	0	0	4,800
Flashlights with Dry Cells	0	0	45,000	0	60,000	100,000	85,000	85,000	0	0	0	0

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

** Data not available

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- b From production or assignments in addition to quantities made available but not exported at the end of Second Protocol period and after deductions of quantities repossessed or diverted before export.
- c From production or assignments after deductions of quantities repossessed or diverted before export.
- d Includes shipments for clearance through Persian Corridor reported arrived in Persian Gulf ports.
- e 1943 shipments discharged in U.S. considered as awaiting forwarding where other data is not yet available.
- f Armaments, spare parts and other equipment supplied in accordance with U.S. standards.

Item	3rd Protocol Performance July 1, 1943 - March 31, 1944			Exported		Cumulative Performance - 1st, 2nd and 3rd Protocols October 1, 1941 to March 31, 1944						
	3rd Protocol Offering a	Offered to Date b	Made Avail. To Date c	During Mar. 1944	7/1/43 - 3/31/44	Made Avail. d	Exported	Arrived e	Lost	Diverted After Export f	In U. S. Awaiting Forwarding g	Balance En Route Mar. 31 1944 h
MILITARY ITEMS (cont.)												
Explosives (tons)												
Smokeless Powder	72,700	54,400	66,438	1,276	65,764	115,861	104,512	89,965	4,910	0	5,369	4,268
Nitroglycerine Powder			1,322	395	701	1,322	701	306	0	0	0	395
T. N. T.	26,880	20,160	33,350	810	43,038	84,241	76,906	68,844	3,849	250	2,453	1,510
Dynamite (Ammonite)	0	0	11,976	0	12,306	21,803	18,617	18,617	0	0	0	0
Total Explosives (Tons)	99,580	74,560	115,066	2,484	121,809	223,227	200,736	177,732	8,759	250	7,822	6,173
Construction Equipment f, g												
Road and Airport Constr. and Maint. Mach. (\$1,000)	0	0	546	**	**	1,016	942					
Tractor Mounted Constr. Eq. (\$1,000)	0	0	357	**	**	385	313					
Mixers and Pavers (\$1,000)	0	0	357	**	**	645	320					
R.R. Constr. and Eq. (\$1,000)	0	0	26	**	**	635	545					
Railroad Transportation Eq. f												
R.R. Locomotives - Steam	500	250	388	33	249	388	249					
R.R. Flat Cars	10,000	6,200	3,822	267	1,266	3,822	1,266					
R.R. Dump Cars	0	0	0	0	0	0	0					
R.R. Tank Cars	0	0	30	18	60	100	60					
Other Military Items f												
Pneumatic Floats	0	0	0	0	0	3,000	3,000	2,398	552	0	0	0
Bridges, Causeways	0	0	15	11	15	15	15	4	0	0	0	11
Barbed Wire Cutters (\$1,000)	0	0	**	0	348	**	648	648	0	0	0	0
Smoke Pots	0	0	763,110	97,006	644,520	748,110	651,520	448,548	0	0	0	202,972
Portable Pipeline (100 mile units complete with pumps, etc.)	0	0	2	0	2	2	2	2	0	0	0	0
Quartermaster Items												
Leather (Tons)	18,000	13,500	8,956	1,170	12,081	38,213	35,356	28,637	4,733	774	0	1,212
Army Boots (1000 pr.)	3,600	2,700	2,597	513	3,238	7,645	7,217	5,876	555	0	256	530
Sol. Boots (1000 pr.)	0	0	100	0	109	225	168	153	0	0	4	11
Leather Belts (1000 units)	0	0	1,068	89	500	2,448	1,831	1,422	193	0	0	216
Leather Jackets (1000 units)	0	0	36	**	**	176	**	**	**	**	**	**
Woolen Cloth (1000 yds.)	18,000	13,500	13,583	3,175	21,962	33,069	30,581	22,883	1,258	0	1,089	5,351
Cotton Cloth (1000 yds.)	26,045	19,795	31,489	5,223	40,981	121,802	61,338	48,165	1,774	0	1,478	9,921
Wooling (1000 yds.)	12,000	10,500	15,784	3,141	12,655	36,434	34,342	27,000	2,427	0	2,027	2,888
Tarpaulins & Dunks (1000 yds.)	3,000	2,250	2,171	**	**	10,151	**	**	**	**	**	**
Other Q.M. Textiles (\$1,000)	0	0	2,987	781	4,206	6,392	5,258	3,655	206	0	3	1,394
Q.M. Apparel (\$1,000)	0	0	3,222	787	4,641	7,967	7,357	4,790	47	0	896	1,624
Medical Supplies												
Drugs, Instruments, Eq., Etc., (\$1,000) (Protocol quantities only)	12,000	9,000	6,135	**	**	**	**					

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- 1943 shipments discharged in U.S. considered as awaiting forwarding where other data is not yet available.
- Armament, spare parts and other equipment supplied in accordance with U.S. standards.
- This equipment substituted for trucks during the Third Protocol period.

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

Item	3rd Protocol Performance July 1, 1943 - March 31, 1944			Exported		Cumulative Performance 1st, 2nd and 3rd Protocols October 1, 1941 to March 31, 1944						
	3rd Protocol Offering a	Offered to Date a	Made Avail. To Date b	During Mar. 1944	7/1/43 - 3/31/44	Made Avail. c	Exported	Arrived d	Lost	Diverted After Export e	In U.K. Awaiting Forward- ing e	Balance En Route Mar. 31 1944 e
NAVAL & MARINE EQUIPMENT												
Marine Diesel Engines	773	647	725	137	632	1,203	989	813	9	0	0	167
Marine Gasoline Engines	156	156	1,524	72	1,795	3,377	3,033	2,658	46	0	65	264
Outboard Motors	0	0	400	35	450	600	600	600	0	0	0	35
Dry Cargo Vessels Transferred	-	-	5	0	5	58	58	58	0	0	0	0
Tankers Transferred	-	-	6	0	6	13	13	13	0	0	0	0
Minesweepers	10	10	10	0	10	10	10	10	0	0	0	0
Submarine Chasers	0	0	12	0	12	12	12	12	0	0	0	0
Landing Boats	0	0	30	0	30	30	30	30	0	0	0	0
Icebreakers Transferred	0	0	1	0	1	1	1	1	0	0	0	0
Motor Torpedo Boats	0	0	55	6	43	67	55	22	3	7	0	23
Crash Boats	0	0	70	3	47	70	47	13	2	0	0	32
3"/50 Cal. D.D. Deck Guns	200	100	257	51	327	-	403	214	6	0	36	147
5"/38 Cal. D. D. Deck Guns	0	0	50	6	144	-	144	126	6	0	0	12
.50 Cal. A.A. Machine Guns	0	0	0	0	0	-	8	8	0	0	0	0
.50 Cal. Twin Machine Guns	900	600	324	0	400	-	400	350	0	0	0	50
Orlikon Guns (20 mm.)	500	250	718	150	968	-	1,748	1,337	111	150	0	150
Furnished with Ammunition												
Ammunition for Naval Armament	15	15	6	1	7	22	19	0	0	0	2	1
Storage Batteries for Subs.	850	838	446	18	155	692	316	287	0	0	0	29
Diesel Generators & Gen. Compressors	300	225	100	0	0	100	0	0	0	0	0	0
Gas Engine Generators	10	10	0	0	10	14	14	14	0	0	0	0
Marine Turbo Generators	2,250	1,991	650	0	422	650	422	422	0	0	0	0
Elec. Motors, Motor Gen's and Generators	425	213	59	0	41	65	41	41	0	0	0	0
Portable Water Pumps	257	257	410	10	235	411	235	133	0	0	0	102
Marine Pumps - Non-Portable	0	0	41	0	63	72	63	44	0	0	0	17
Marine Turbo-Pumps	100	0	0	0	0	0	0	0	0	0	0	0
Underwater Electric Pumps	60	30	0	0	0	0	0	0	0	0	0	0
Portable Air Compressors	40	20	20	0	18	20	18	0	0	0	0	18
Diving Salvage Stations	60	30	0	0	0	0	0	0	0	0	0	0
Elec. Welding & Cutting App.(sets)	60	30	0	0	0	0	0	0	0	0	0	0
Elec. & Pneumatic Underwater Tools	60	30	7	0	67	320	308	308	0	0	0	0
Portable Electric Stations	20	20	0	0	0	80	76	68	0	0	0	8
Jettying Equip. for Salvage (sets)	10	10	0	0	0	0	0	0	0	0	0	0
Vertical Steam Boilers	10	10	0	0	0	3	3	2	0	0	0	1
Submarine Rescue Chambers	1	1	1	0	1	1	1	1	0	0	0	0
Windlasses with Motors	5	5	4	0	4	4	4	4	0	0	0	0
Elec. Ventilating Sets	649	649	649	0	104	649	225	225	0	0	0	0
Marine Turbo-Ventilators	8	8	6	0	32	32	32	32	0	0	0	0
Air Tanks	15	15	30	30	30	30	30	0	0	0	0	30
Towing Winches	10	10	0	0	0	0	0	0	0	0	0	0
Rotary & Changeover Switches	3,000	3,000	0	0	850	4,365	850	850	0	0	0	0
Watertight Junction Boxes	240	240	240	0	162	240	162	162	0	0	0	0
Auxiliary Equip. for Ships (sets)	10	10	-	0	0	-	-	-	0	0	0	0
Elec. Instruments & Fixtures (\$1000)	100	75	144	0	144	146	146	145	0	0	0	1
Winter Diving Suits	0	0	100	0	100	100	100	100	0	0	0	0
Optical & Navig. Instru. etc. (\$10.00)	0	0	**	4	66	**	83	75	0	0	0	4
Naval Aircraft Equip. (\$1000)	0	0	**	15	15	**	15	0	0	0	0	15
Torpedo Equipment (\$1000)	0	0	**	0	95	**	237	17	0	0	121	99
Other Marine Mach. & Equip. (\$1000)	0	0	**	0	318	**	542	485	0	0	13	44
Other Elec. Mach. & Equip. (\$1000)	0	0	**	3	365	**	405	388	0	0	0	17
Other Radio Equipment (\$1000)	0	0	**	4	432	**	905	894	1	0	0	10
Misc. Stores & Equip. (\$1000)	0	0	**	81	1,953	**	3,083	3,072	0	0	0	11

Notes: * Estimated

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

FEB 2 1972

Item	3rd. Protocol Performance July 1, 1943 to March 31, 1944			Exported		Cumulative Performance - 1st, 2nd and 3rd Protocols October 1, 1941 to March 31, 1944							In U.K. Awaiting Forwarding	Balance En Route Mar. 31 1944
	3rd Protocol Offering	Offered to Date	Made Avail. To Date	During Mar. 1944	7/1/43 - 3/31/44	Made Avail. a	Exported	Arrived b	Lost	Diverted After Export c				
FOODSTUFFS (tons)														
Wheat	/	/	26,144	0	26,144	55,392	55,392	42,754	600	0	0	0	12,038	
Other Grains	/	/	2,208	0	2,208	5,362	5,362	5,362	0	0	0	0	0	
Wheat Flour	/	/	248,764	44,368	248,764	486,556	486,556	402,854	7,010	5,062	0	0	71,630	
Other Flour	/	/	8,822	680	8,822	20,163	20,163	19,483	0	0	0	0	680	
Other Basic Grain Mill Prods.	/	/	6,529	720	6,529	21,148	21,148	20,298	130	0	0	0	720	
Other Finished Cereals & Prods.	/	/	28,116	0	28,116	81,921	81,921	77,335	1,065	528	0	0	2,993	
Dried Peas and Beans	/	/	98,050	1,236	98,050	210,172	210,172	174,341	7,726	23,138	0	0	4,957	
Total Wheat, Cereals, etc.	500,000	375,000	418,633	47,004	418,633	880,714	880,714	742,427	16,531	28,728	0	0	23,028	
Sugar from U.S. Mainland	112,000	84,000	187,446	5,416	187,446	358,395	358,395	280,339	16,481	12,364	0	0	49,211	
Sugar from Other Sources	224,800	168,600	29,000	29,000	29,000	55,517	55,517	26,517	0	0	0	0	29,000	
Canned Meat	/	/	98,045	3,424	98,045	328,673	328,673	285,999	17,254	14,842	581	0	9,997	
Canned Tushonka	/	/	103,389	10,794	103,389	108,484	108,484	94,018	1,288	0	0	0	13,178	
Canned Dehydrated Meats	/	/	4,995	613	4,995	5,672	5,672	4,989	0	0	0	0	683	
Total Canned Meat	213,161	157,161	206,429	14,831	206,429	442,829	442,829	385,006	18,542	14,842	581	0	23,858	
Smoked Meats	/	/	4,220	275	4,220	16,281	16,281	15,478	499	302	0	0	2	
Sausage & Meat Preparations - not canned	/	/	94	22	94	258	258	236	0	0	0	0	22	
Carters' Spread	/	/	2,481	999	2,481	2,481	2,481	819	0	0	0	0	1,662	
Lard	/	/	81,231	10,794	81,231	151,011	151,011	134,621	6,861	16,846	0	0	12,683	
Fat Cuts	/	/	97,737	4,699	97,737	188,453	188,453	174,732	3,198	4,142	0	0	6,381	
Other Animal Fats & Oils	/	/	7,832	253	7,832	23,210	23,210	20,950	637	539	0	0	1,084	
Total Animal Fats, Fat Cuts and Smoked Meats	308,000	231,000	193,595	11,171	193,595	381,694	381,694	326,836	11,195	21,829	0	0	21,834	
Butter	39,200	29,400	39,514	0	39,514	51,312	51,312	49,324	1,010	735	0	0	243	
Vegetable Oil	/	/	120,976	12,918	120,976	240,661	240,661	205,056	564	0	0	0	34,921	
Shortening	/	/	12,526	387	12,526	24,746	24,746	22,022	286	2,140	0	0	298	
Oleomargarine	/	/	32,223	1,191	32,223	36,986	36,986	34,327	537	0	0	0	2,122	
Total Vegetable Oils, etc.	222,312	167,854	165,725	14,496	165,725	302,393	302,393	261,405	1,507	2,140	0	0	37,341	
Soya Flour	/	/	34,840	5,382	34,840	37,234	37,234	26,630	1,122	0	0	0	9,482	
Soya Grits	/	/	16,454	3,822	16,454	16,614	16,614	11,289	0	0	0	0	5,325	
Dried Milk	/	/	29,751	50	29,751	46,730	46,730	37,665	896	4,394	0	0	3,775	
Canned Milk (Condensed & Evap.)	/	/	5,874	0	5,874	11,173	11,173	10,841	282	0	0	0	50	
Dried Eggs	/	/	30,692	4,343	30,692	61,695	61,695	46,264	4,622	5,296	0	0	5,513	
Dried Fruits	/	/	300	0	300	983	983	983	0	0	0	0	0	
Dried Vegetables (except peas and beans)	/	/	3,288	0	3,288	3,845	3,845	2,929	0	0	0	0	916	
Concentrated Cereals	/	/	5,189	90	5,189	6,329	6,329	5,934	95	0	0	0	300	
Dried Soups	/	/	6,476	25	6,476	6,747	6,747	6,532	105	0	0	0	110	
Cheese	/	/	14,864	20	14,864	18,585	18,585	18,244	295	0	0	0	46	
Fruit & Vegetable Pastes and Purees	/	/	2,951	0	2,951	3,361	3,361	1,713	0	0	0	0	1,648	
Concentrated Juices	/	/	1,189	0	1,189	1,564	1,564	1,564	0	0	0	0	0	
Total Concentrates	177,000	132,750	151,868	13,732	151,868	214,860	214,860	170,588	7,417	9,990	0	0	27,185	
Soap	/	/	1,270	0	1,270	6,074	6,074	5,897	111	0	0	0	66	
Soap Stock	/	/	0	0	0	322	322	322	0	322	0	0	0	
Total Soap and Soap Stock	11,200	8,400	1,270	0	1,270	6,396	6,396	5,897	111	322	0	0	66	
Canned Fruits	/	/	170	0	170	501	501	501	0	0	0	0	0	
Canned Vegetables	/	/	581	0	581	1,323	1,323	1,323	0	0	0	0	0	
Fresh Fruits	/	/	49	0	49	53	53	53	0	0	0	0	0	
Fresh Vegetables	/	/	1,030	0	1,030	1,100	1,100	1,100	0	0	0	0	0	
Table Salt	/	/	320	0	320	1,856	1,856	1,856	0	0	0	0	0	
Tea	/	/	249	0	249	871	871	871	0	0	0	0	0	
Coffee	/	/	4,053	0	4,053	6,817	6,817	3,331	0	560	0	0	2,926	
Spices	/	/	1,153	11	1,153	1,224	1,224	1,224	0	0	0	0	10	
Flavoring Extracts	/	/	15	0	15	187	187	185	2	0	0	0	0	
Hazelnuts from Turkey	/	/	3,638	0	3,638	3,638	3,638	3,638	0	0	0	0	0	
Other Nuts	/	/	1	0	1	58	58	58	0	0	0	0	0	
Yeast	/	/	414	0	414	723	723	577	0	112	0	0	34	
Vitamins	/	/	103	12	103	371	371	314	5	36	0	0	16	
Seeds, Lend-Lease	/	/	7,597	3,292	7,597	16,120	16,120	9,745	18	0	0	0	6,357	
Other Foodstuffs	/	/	1,547	0	1,547	2,347	2,347	2,346	1	0	0	0	0	
Feed	/	/	3,282	0	3,282	5,258	5,258	5,258	0	0	0	0	0	
Total Non-Protocol Foods	0	0	24,202	3,315	24,202	42,447	42,447	32,370	26	708	0	0	9,343	
Seeds, Russian War Relief	0	0	283	112	283	1,993	1,993	1,876	0	0	0	0	117	
Total Foodstuffs (tons)	1,807,673	1,354,165	1,417,965	139,077	1,417,965	2,738,550	2,738,550	2,282,585	72,820	91,358	581	0	291,206	

Notes: All tons are 2000 lbs. net weight.

a. Petroleum Products and Foodstuffs made available as exported.

b. Includes shipments for clearance through Persian Corridor reported arrived in Persian Gulf ports.

c. 1943 shipments discharged in U.K. considered as awaiting forwarding when other data is not available in Washington.

d. By agreement commitment for "Wheat, Flour, Cereals, etc." increased by 100,000 tons with a corresponding reduction in "Sugar from Other Sources."

e. By agreement "Canned Meat" commitment reduced by 2.17 tons for each ton of dehydrated meat shipped.

f. 2000 l.t. of coconut oil being furnished by U.K. as a transfer of commitment under Article V. U.S. commitment reduced 448 s.t. monthly February - June.

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State Dept. Letter, 1-11-78

By J. Schauble Date FEB 2 1972 0-1488

Cumulative Performance - 1st, 2nd and 3rd Protocols
October 1, 1941 to March 31, 1944

Ref.	Item	Made Available	Exported
MACHINERY AND EQUIPMENT (a) (Data are \$1000)			
V-1	Engines and Turbines, General Purpose	7,564	5,253
V-2	Compressors	7,368	6,244
V-3	Pumps	6,747	3,771
V-4	Crushing, Grinding Machinery, etc.	5,962	3,831
V-5	Conveyors	741	419
V-6	Cranes, Hoists and Winches	11,740	7,438
V-7	Ind. Trucks and Tractors	3,297	3,001
V-8	Fan and Blower Equipment, Ind	452	110
V-9	Mech. Power Trans. Equipment	22	-
V-10	Bearings	12,253	9,932
V-11	Valves and Steam Specs.	4,541	3,327
V-12	Misc. General Purpose Machinery	3,170	1,865
V-13A, B	Electrical Rotating Equipment	57,534	42,160
V-14	Primary Elect. Distrib. Equipment	2,096	2,126
V-15	Rectifiers	1,650	520
V-16	Secondary Elect. Dist. Equipment	959	778
V-17	Motor Starters and Conts.	662	644
V-18	Electric Lamps	103	86
V-19	Misc. Electrical Equipment	1,156	966
V-20	Food Production Machinery	402	312
V-21	Textile Machinery	1,124	582
V-22	Pulp and Paper Machinery	365	292
V-23	Printing Machinery	44	44
V-24A	Tire Plant	9,000*	6,680
V-25	Woodworking Machinery	547	242
V-26	Metal Heating Furnaces	13,145	10,597
V-27	Blast Furnaces, etc.	833	576
V-28	Foundry Equipment	345	507
V-29	Special Industrial Furnaces, etc.	5	3
V-30A	Petroleum Refin. Plants	44,106	40,436
V-30B	Other Petroleum Refin. Machinery	197	89
V-31	Glass Ind. Machinery	174	174
V-32	Chemical Ind. Machinery	597	74
V-33	Gas Generating Apparatus	4,571	2,037
V-34A	Misc. Spec. Industrial Machinery	4,050	1,731
V-34B	Cart. Mfg. Lines	28,333	22,631
V-35	Machine Tools	258,900*	194,447
V-36	Rolling Mills, etc.	8,805	5,155

Cumulative Performance - 1st, 2nd and 3rd Protocols
October 1, 1941 to March 31, 1944

Ref.	Item	Made Available	Exported
MACHINERY AND EQUIPMENT (a) (cont.) (Data are \$1000)			
V-37	Drawing Machines	786	19
V-38	Other Primary Metal Form. Machinery	304	273
V-39	Second. Metal Form. Machinery	65,070*	28,888
V-40	Welding Machinery	4,777	3,528
V-41	Metal Testing & Measuring Machinery	999	719
V-42	Misc. Metal Working Equipment	107	107
V-43	Portable Metal Working Machinery	2,261	1,530
V-44A	Cemented Carbide Tools	2,637	2,423
V-44B	Other Metal Cutting Tools	23,730	21,542
V-45	Tools for Metal Form. Machinery	0	0
V-46	Attachments for Machine Tools	1,519	1,046
V-47	Tool Room Specialties	0	0
V-48	Agricultural Machinery	352	133
V-49	Mining and Quarrying Machinery	760	343
V-50	Boring and Drilling Machinery	4,152	3,242
V-51	Well and Blast Hole Drill. Equipment	5,901	4,780
V-52	Excavating and Dredge Machinery	17,200	15,081
V-53	Misc. Construction Equipment	1,107	760
V-54	Office Machines	50	46
V-55	Miscellaneous Machinery	1,133	508
V-58B	Teletype Apparatus	824	733
V-58C	Telephone & Telegraph Equipment	8,030	3,941
V-58D	Sound Equipment	309	242
V-58E	Automatic Block Signal System	4,013	81
V-59A	Industrial Locomotives and Cars	1,132	1,084
V-59B	Mining Locomotives and Cars	74	45
V-60	Passenger Cars and Parts	145	172
V-61	Airconditioning and Refrig. Equipment	39	39
V-62	Lighting Fixtures	255	248
V-63	Photographic Equipment	1,747	1,413
V-64	Optical, Indic., Instru. etc.	2,920	2,460
V-65	Professional and Scientific Instru.	772	533
V-66	Miscellaneous Equipment	427	376
V-67	Hand Tools	601	468
V-68	Mechanics Measuring Tools	1,352	1,097
V-69	Power Boilers	7,979	1,910
Total Machinery and Equipment		667,324	478,493

Notes: * Estimated

* Data shown for Machinery and Equipment have been revised to conform with contemplated offering for 4th Protocol. Third Protocol performance will appear in future reports as available.

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

Item	3rd Protocol Performance July 1, 1943 - March 31, 1944			Exported		Cumulative Performance - 1st, 2nd and 3rd Protocols October 1, 1941 to March 31, 1944						
	3rd Protocol Offering a	Offered to Date b	Made Avail. To Date c	During Mar. 1944	7/1/43 - 3/31/44	Made Avail. c	Exported	Arrived d	Lost	Diverted After Export e	In U. K. Awaiting Forwarding f	Balance En Route Mar. 31 1944 g
MATERIALS												
Copper Cable and Wire												
Marine Cable (miles)	746	560	125	7	241	1,406	1,145	905	127	0	92	21
Submarine Cable (miles)	373	280	74	0	255	839	833	783	50	0	0	0
Insulated Cable (\$1000)	(12,000Km)	(9,000Km)	17,128g	3,141	16,903	40,793	26,832	19,734	668	0	866	5,564
Bare Copper Cable & Wire (tons)	20,000	15,002	**	6	1,354	**	4,078	3,734	0	0	80	264
Ferro-Alloys (tons)												
Ferro-Silicon	9,408	7,056	94	280	3,953	8,341	7,910	6,552	1,049	0	28	281
Ferro-Chromium	5,376	4,032	0	1	2,155	4,113	4,140	3,446	494	0	0	200
Ferro-Phosphorus	/	/	0	0	0	4	4	4	0	0	0	0
Ferro-Vanadium	/	/	223	0	223	225	225	225	0	0	0	0
Ferro-Tungsten	/	/	312	109	312	314	314	204	0	0	0	0
Ferro-Molybdenum	/	/	1,142	50	1,071	1,142	1,071	1,021	0	0	0	50
Total Ferro-Alloys (tons)	14,784	11,088	1,771	440	7,724	14,139	13,664	11,452	1,543	0	28	531
Non-Ferrous Metals (tons)												
Aluminum Ingot	35,760	26,820	42,113	3,958	39,211	80,194	77,292	66,871	4,533	0	0	5,888
Aluminum Fabricated	/	/	16,135	3,267	16,153	49,260	48,598	39,632	2,393	0	14	6,559
Pig Nickel	3,600	2,700	3,000	400	2,709	7,722	7,204	5,881	828	0	0	495
Monel Metal Scrap	952*	714*	415	0	75	415	75	75	0	0	0	0
Basic Products of Nickel	-	-	1201	22	80	228	185	146	13	0	0	26
Molybdenum Concentrates	4,000	3,001	2,822	0	2,679	11,193	11,050	9,038	1,430	0	0	582
Copper, Electrolytic	-	-	0	0	141	1,146	1,144	1,144	0	0	0	0
Brass, Bronze, etc.	107,520	80,640	82,986	10,054	77,697	235,909	210,886	155,542	14,550	0	5,209	35,585
Copper Tubes, etc.	15,000	11,250	9,408	827	8,978	27,538	23,350	20,667	1,193	36	284	1,170
Magnesium	4,032	3,024	2,355	0	2,807	4,373	4,373	4,351	0	0	0	22
Zinc Slabs	13,440	10,080	11,633	1,288	11,588	50,964	50,848	47,237	2,323	0	0	1,288
Special Non-Ferrous Wires	269	202	125	13	153	515	467	442	4	0	3	18
Nichrome Wire and Strip	538	405	423	53	361	1,151	1,069	924	92	0	0	53
Basic Nichrome Products	-	-	13	0	75	508	502	477	0	0	25	0
Mercury	0	0	0	0	30	895	895	895	0	0	0	0
Cerium Metallic	0	0	0	0	4	18	18	18	0	0	0	0
Sodium Metallic	0	0	341	0	256	1,443	1,359	1,101	258	0	0	0
Manganese	0	0	0	0	11	11	11	11	0	0	0	0
Lead	0	0	0	0	34	43	43	43	0	0	0	0
Tin	0	0	0	0	8	10	10	10	0	0	0	0
Aluminum Tin & Nickel Foil	0	0	67	2	67	217	217	212	4	0	0	1
Babbit Metal	0	0	112	0	5	218	106	86	20	0	0	0
Cadmium	112	56	0	0	0	201	201	201	0	0	0	0
Cobalt	81	81	81	0	70	249	216	216	0	0	0	0
Total Non-Ferrous Metals (tons)	-	-	172,149	19,884	163,192	474,421	440,119	355,220	27,641	36	5,535	51,687
Misc. Non-Ferrous Metals and Products (\$1000)												
	-	-	91	30	91	101	101	71	0	0	0	30
Steel (tons)												
Bimetal	/	/	3,748	1,373	14,475	23,039	20,016	16,882	968	0	288	1,878
Armor Plate	/	/	0	0	0	8,951	8,951	5,787	2,897	267	0	0
Polished Drill Rods	/	/	186	17	190	442	380	325	2	0	10	43
High Speed Tool Steel	/	/	4,610	335	3,644	9,581	8,283	6,601	386	0	83	1,213
Tool Steel	/	/	11,462	1,766	12,263	26,351	25,336	20,705	1,040	25	446	3,120
Cold Finished Bars	/	/	22,799	702	40,941	128,534	111,839	97,242	6,724	280	3,024	4,569
H. R. Aircraft Steel	/	/	43,467	5,039	65,872	157,003	127,088	114,746	2,717	0	657	8,968
Cr. St. Mn. Billets	/	/	(-) 345	0	3	83,518	79,288	66,012	9,651	431	3,214	0
Cold Rolled Sheets	/	/	(-) 26,918	29	8,130	75,796	81,153	49,079	29,653	1,709	699	1,239
Cold Rolled Strip	/	/	(-) 26,918	29	8,130	75,796	81,153	49,079	29,653	1,709	699	1,239
Stainless Steel	/	/	2,914	531	3,268	8,428	7,004	5,751	70	0	1	1,182
Template	/	/	2,405	1,166	14,618	114,760	90,352	72,295	10,602	970	1,902	4,563
Steel Wire	/	/	(-) 25,040	1,766	24,322	87,894	80,006	69,153	5,077	672	968	4,136
Wire Rope	/	/	3,980	766	9,797	29,553	24,270	22,566	789	0	344	571
Steel Alloy Tubes	/	/	20,742	2,150	16,935	42,396	24,826	21,120	265	0	105	3,336
Stainless Steel Wire	/	/	394	17	310	2,813	2,613	2,407	94	13	44	55
Barbed Wire and Staples	/	/	(-) 6,583	0	2,444	52,498	48,209	36,979	10,538	203	99	390
Pipe and Tubing	/	/	24,455	1,681	42,642	148,800	103,266	81,091	16,189	1,571	288	4,127
H. R. Sheets and Plates	/	/	32,915	1,254	61,738	210,688	173,330	145,367	18,642	1,533	4,383	3,405
Bolts, Nuts, Rivets, etc.	/	/	2,608	461	3,847	12,733	7,778	7,182	0	0	0	596

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

* Estimated

** Data not available

a Offerings selected by the U.S.S.R. are in excess of the aggregate of shipping commitments and reasonable stocks. Production control provisions of the Protocol have been exercised and will reduce production below offerings in some instances. Offerings for which no monthly schedules are quoted in the Protocol have been computed on the basis of proportional time elapsed.

b From production or assignments in addition to quantities made available but not exported at the end of Second Protocol period and after deductions of quantities repossessed or diverted before export.

c From production or assignments after deductions of quantities repossessed or diverted before export.

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

e 1943 shipments discharged in U.K. considered as awaiting forwarding where other data is not yet available.

f Contained copper applicable to offering to supply 134,400 short tons of copper during Third Protocol period.

g Data not available in units of offering.

h Ferro-vanadium, ferro-tungsten and ferro-molybdenum are being supplied in place of ferro-chromium and ferro-silicon in small quantities at U.S.S.R. request.

i Contained nickel applicable to Third Protocol offering to supply 2,400 s.t. of nickel in various forms except pig nickel and monel scrap.

j See sheet 7.

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State Dept. Letter, 1-11-72

By J. Schauble Date FEB 2 1972

Item	3rd Protocol Performance July 1, 1943 - March 31, 1944			Exported		Cumulative Performance - 1st, 2nd and 3rd Protocols October 1, 1941 to March 31, 1944						
	3rd Protocol Offering a	Offered to Date a	Made Avail. To Date b	During Mar. 1944	7/1/43 3/31/44	Made Avail. c	Exported	Arrived d	Lost	Diverted After Export e	In U. K. Awaiting Forward- ing f	Balance En Route Mar. 31 1944 g
MATERIALS (cont.)												
Steel (tons) (cont.)												
R. R. Rails and Access.	/	/	164,673	15,234	199,659	328,893	310,736	257,242	21,641	1,421	618	29,814
Mounted Sets, Wheels and Axles	/	/	0	457	20,873	24,076	22,995	21,560	90	0	911	434
Car Axles	/	/	0	240	14,504	35,910	34,190	28,224	1,367	0	4,050	549
Locomotive and Car Wheel Tires	/	/	4,046	940	10,953	17,024	16,537	13,713	53	0	484	2,287
Roller Steel Car Wheels	/	/	4,508	1,658	6,992	13,080	8,826	5,954	0	0	512	2,360
Locomotive Axles	/	/	0	141	142	255	184	184	0	0	0	0
Electric Locomotive Axles	/	/	0	0	0	300	222	222	0	0	0	0
Total Steel (tons)	500,000	375,000	320,265	38,362	578,971	1,728,711	1,490,422	1,226,762	150,701	9,892	24,219	78,658
Notes: j The following quantities released from U.S.S.R. export stocks for redistribution have been deducted from amounts made available.												
	July 1943- Mar. 1944	Oct. 1941- Mar. 31, '44		July '43 - Mar. 1944	Oct. 1941- Mar. 31, '44					July 1943- Mar. 1944	Oct. 1941- Mar. 31, '44	
Cold Finished Bars	945	956		28,464	28,464							
R.R. Aircraft Steel	0	73		31,955	31,955							
Cr. St. Mn. Milllets	4,141	30,866		350	430							
Cold Rolled Sheets	345	3,305		6,586	17,127							
Pig Iron (tons)	-	-	2,279	0	2,209	4,676	4,113	4,113	0	0	0	0
Chains & Anchors (tons)	-	-	2,096	92	1,808	3,059	1,785	1,694	0	0	0	91
Misc. Ferrous Metals & Prods. (\$1000)	-	-	1,742	88	748	2,349	1,373	1,258	6	0	0	109
Petroleum Products (tons)												
From U.S.												
From U.K. for U.S. Account (Replacement to U.K. from U.S.)	360,000	270,000	327,097f	5,359	327,097	726,773	726,773	592,872	20,598	87,957g	0	25,346
From Abadan for U.S. Account (Replacement to British from U.S.)	120,000	90,000	104,219f	17,310	104,219	104,219	104,219	104,219	-	-	-	-
Shipments from U.K. to U.S.S.R. as Replacements for Diversion to U.K.	-	-	-	-	-	(31,867)	(31,867)					
Additional U.S. Allocations to U.S.S.R. at U.K. Expense as Re- placement for Diversion to U.K.	-	-	-	-	-	(29,971)						
Chemicals (tons)												
Acetone	6,720	5,040	2,242	393	2,326	3,244	3,233	2,304	0	0	0	929
Alcohol, Butyl	/	/	802	647	802	802	802	0	103	0	0	699
Alcohol, Ethyl from U.S. Acct.	/	/	109,843	1	107,914	130,236	128,060	127,900	159	0	0	1
Alcohol, Ethyl from U.K. for U.S. (Replacement to U.K. from U.S.)	107,520	80,640	20,187	0	20,187	20,187	20,187	20,187	-	-	-	-
Ammonia Chloride	/	/	(-)-5321	0	75	4,2931	726	726	0	0	0	0
Ammonia Nitrate	/	/	(-)-2,4061	0	0	3,394	3,394	2,602	113	0	679	0
Ammonia Sulpho Cyanate	/	/	0	0	0	3	3	3	0	0	0	0
Aniline Oil	/	/	(-)-2,1911	0	0	3,5211	3,521	2,466	927	16	112	0
Anthracene	/	/	0	0	0	9	9	9	0	0	0	0
Barium Peroxide	/	/	1	0	0	332	106	106	0	0	0	0
Black Dyes	/	/	0	38	567	752	726	669	0	0	0	57
Boric Acid	/	/	560	0	0	1,019	459	292	167	0	0	0
Calcium Carbide	/	/	168	0	0	424	354	354	0	0	0	0
Carbon & Lamp Black	/	/	0	0	13	2,251	2,251	2,251	0	0	0	0
Caustic Soda	40,320	30,240	25,827	590	27,113	53,348	50,999	49,210	707	0	0	1,042
Centralite	/	/	1,096	77	1,047	1,788	1,556	1,429	0	0	0	127
Citric Acid	/	/	531	0	531	1,044	1,044	883	56	0	0	105
Calloxylin	/	/	0	62	336	8,136	5,102	3,505	1,339	86	110	62
Cresol	/	/	0	0	0	441	292	231	61	0	0	0
Dibutyl Phthalate	/	/	339	183	1,413	5,579	4,740	3,605	859	70	20	186

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

- a Offerings selected by the U.S.S.R. are in excess of the aggregate of shipping commitments and reasonable stocks. Production control provisions of the Protocol have been exercised and will reduce production below offerings in some instances. Offerings for which no monthly schedules are quoted in the Protocol have been computed on the basis of proportional time elapsed.
- b From production or assignments in addition to quantities made available but not exported at the end of Second Protocol period and after deductions of quantities repossessed or diverted before export.
- c From production or assignments after deductions of quantities repossessed or diverted before export.
- d Includes shipments for clearance through Persian Corridor reported arrived in Persian Gulf ports.
- e 1943 shipments discharged in U.K. considered as awaiting forwarding where other data is not yet available.
- f Petroleum Products made available as exported.
- g Partially offset by replacements shown below.
- h Offset to diversions shown above.
- i See sheet 8.

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

2 1972

By J. Schauble Date

SECRET
Sheet 8

Sheet 1

Item	3rd Protocol Performance July 1, 1943 - March 31, 1944			Exported		Cumulative Performance - 1st, 2nd and 3rd Protocols October 1, 1941 to March 31, 1944						In U. S. Awaiting Forwarding e	Balance On Route Mar. 31 1944 e
	3rd Protocol Offering a	Offered to Date a	Made Avail. To Date b	During Mar. 1944	7/1/43 - 3/31/44	Made Avail. c	Exported	Arrived d	Lost	Diverted After Export f			
MATERIALS (cont.)													
Chemicals (cont.)													
Diethylene Glycol			184	0	282	552	457	427	0	0	0	30	
Dimethyl Aniline			0	0	52	2,510	2,302	1,797	420	0	85	0	
Diphenylamine			0	0	3	2,080	1,489	1,233	256	0	0	0	
Ethylene Chlorohydrin			200	0	181	232	192	152	0	0	0	40	
Ethylene Dibromide			(-1)282	0	593	4,432	2,042	2,042	0	0	0	0	
Ethylene Glycol	3,360	2,500	1,792	0	4,131	8,744	8,662	8,115	189	0	358	0	
Formaldehyde			0	0	0	560	494	432	62	0	0	0	
Glycerine from U.S.			2,151	0	3,146	11,816	10,313	9,950	301	0	0	62	
Glycerine Lend-Lease, Re transferred from U. S.	6,720	5,040	5,478	0	5,478	5,478	5,478	5,478	-	-	-	-	
Methanol	6,720	5,040	1,975	736	4,983	19,175	18,002	13,046	2,963	371	683	939	
Naphthene Acid			0	0	127	600	127	127	0	0	0	0	
Nesones			0	0	34	504	504	504	0	0	0	0	
Phenol	11,160	8,664	8,591	570	8,496	26,190	22,992	20,023	1,581	170	448	770	
Phenol Formaldehyde			0	0	0	448	447	369	78	0	0	0	
Phosphorus			(-1)401	0	590	2,823	2,555	2,070	485	0	0	0	
Picric Acid			697	82	962	1,486	1,319	731	92	0	147	349	
Potassium Chlorate			221	0	370	1,344	811	774	0	0	40	0	
Potassium Nitrate			(-6)971	0	1,013	2,914	2,178	2,040	0	0	138	0	
Potassium Sulphate			(-1)249	0	175	580	580	535	0	0	45	0	
Potassium Tetroxide	21	21	165	0	227	410	395	384	0	0	11	0	
Resorcin			0	0	1	120	61	51	0	0	10	0	
Rhodamine			0	0	1	6	6	0	0	0	0	0	
Saccharine			125	25	137	323	323	286	12	0	25	0	
Soda Ash			112	38	792	1,501	1,426	1,368	0	0	38	0	
Sodium Bisulfate			101	25	275	701	601	521	55	0	25	0	
Sodium Bromide			(-1)286	0	143	2,175	1,812	1,395	334	0	58	25	
Strontium Oxalate			0	0	52	96	80	76	0	0	4	0	
Toluol	40,320	29,120	31,327	6	27,350	73,631	63,127	57,760	3,192	399	1,810	6	
Turbin Nitrate			0	0	0	12	12	6	0	0	0	0	
Twitchell or Petrov Reagent			224	16	403	731	620	604	0	0	16	0	
Urotropine	6,720	5,040	4,975	908	5,886	13,081	11,394	9,797	358	25	201	1,011	
Vitamin			305	0	251	637	458	426	5	0	12	0	
Miscellaneous Chemicals			6,252	1,412	6,943	14,007	11,931	9,506	226	0	23	2,176	
Offering Misc. Chemicals	9,200	6,900	-	-	-	-	-	-	-	-	-	-	
Total Chemicals (tons)	236,781	178,265	218,198	5,809	235,587	440,672	400,717	370,775	15,106	1,097	4,992	8,747	

Note: 1 The following all of which have been released during the Third Protocol Period from U.S.S.R. export stocks for redistribution to others have been deducted from amounts made available.

Ammonia Chloride	512	Methanol	622	TOTAL CHEMICALS RELEASED	9,628 TONS
Ammonia Nitrate	4,406	Phosphorus	1,027		
Aniline Oil	2,207	Potassium Nitrate	698		
Ethylene Dibromide	182	Potassium Sulphate	1,245		
		Sodium Bromide	729		

Other Materials and Products					Sodium Bromide					729				
Abraive Grain (tons)	4,000	3,000	6,606	113	4,386	9,268	5,763	5,215	91	0	200	257		
Abraive Products (\$1,000)	4,000	3,000	3,431	165	3,621	10,204	9,728	7,982	956	33	344	413		
Graphite Electrodes (tons)	5,757	4,318	4,655	402	4,963	14,096	13,115	10,636	1,319	25	403	732		
Graphite Powder (tons)	1,120	840	1,748	51	1,301	4,783	2,032	1,720	126	0	0	186		
Other Graphite Goods (\$1,000)	(1,691 S.T.)	(1,268 S.T.)	424 f	0	320	1,291	1,209	1,033	100	0	29	47		
Tires (1,000 units)	-	-	1,030 g	88	1,136	2,387	2,292	2,001	96	51	0	144		
Tubes (1,000 units)	-	-	1,037 g	88	1,132	2,481	2,237	1,945	94	52	0	296		
Rubber Shoes (\$1,000)	-	-	3,489 g	176	3,151	5,384	3,889	3,486	107	0	0	294		
Other Rubber Products (\$1,000)	-	-	9,523 g	254	8,864	14,729	11,450	9,020	109	0	22	2,299		
Sheet Fibre (tons)	1,000	750	1,371	33	2,219	4,322	3,758	2,692	496	3	147	420		
Sheet Absorbent Cord (yds.)	0	0	ee	0	5,000	197,369	171,111	166,111	0	0	0	5,000		
Metallic Cloth & Screen (\$1,000)	1,000	750	485	3	377	1,480	1,254	1,105	7	0	0	108		
Condenser Paper (tons)	146	110	56	0	20	212	157	157	0	0	0	0		
Cigarette Paper (tons)	336	252	0	0	142	1,042	535	437	68	0	0	10		
Parochment & Other Paper (tons)	1,680	1,260	2,224	819	2,692	4,871	3,479	2,062	40	0	0	1,377		
Rubber Footwear (\$1,000)	-	-	53 g	0	647	981	906	868	0	0	0	36		
Other Footwear except Q.M. (\$1,000)	-	-	540	46	599	1,033	877	739	12	0	8	118		
Other Apparel except Q.M. (\$1,000)	-	-	117	8	130	483	296	245	23	0	0	28		
Textiles except Q.M. (\$1,000)	-	-	11	0	19	210	156	129	8	0	9	10		
Fish Nets (tons)	-	-	354	15	322	486	378	358	0	0	0	20		
Rope (tons)	-	-	1,374	503	1,391	2,405	2,393	1,728	0	0	0	665		
Harvest Twine	4,480	3,360	2,481	740	1,391	2,161	740	0	0	0	0	740		
Non-Metallic Minerals & Prod. (\$1,000)	-	-	57	5	131	397	371	299	61	0	0	11		
End Products of Leather (\$1,000)	-	-	21	0	16	34	27	27	0	0	0	0		
Misc. Materials & Products (\$1,000)	-	-	329	7	964	1,363	1,181	1,078	52	20	0	31		

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

ee Data not available.

- Offerings selected by the U.S.S.R. are in excess of the aggregate of shipping commitments and reasonable stocks. Production control provisions of the Protocol have been exercised and will reduce production below offerings in some instances. Offerings for which no monthly schedules are quoted in the Protocol have been computed on the basis of proportional time elapsed.
- From production or assignments in addition to quantities made available but not exported at the end of Second Protocol period and after deductions of quantities repossessed or diverted before export.
- From production or assignments after deductions of quantities repossessed or diverted before export.
- Includes shipments for clearance through Persian Corridor reported arrived in Persian Gulf ports.
- 1943 shipments discharged in U.S. considered as awaiting forwarding where other data is not yet available.
- Data not available in units of offering.
- Contained rubber applicable to Third Protocol offering to supply 40,320 S.T. of natural synthetic and reclaimed rubber in various forms except in Military Items.
- Commitment for supply of 4,480 short tons of Harvest Twine during second half of Protocol period assumed by U.S. under Article V of Third Protocol. U.S. commitment reduced by amount of contained steel.

*B. F.
Lend Lease*

PETROLEUM ADMINISTRATION FOR WAR

WASHINGTON 25, D. C.

MAY - 9 1944

file

My dear Mr. President;

DECLASSIFIED 3-21-73
EO 11652, Sec. 3(E) and 5(D) or (E)
Interior Dept Hq, 11-3-72

I am pleased to enclose our May 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 A. Tamm

Petroleum Administrator for War.

x 4193
x 220
x 56

The President,

The White House.

Enclosure.

x 4435

CONFIDENTIAL

PETROLEUM ADMINISTRATION FOR WAR

WASHINGTON 25, D. C.

MAY - 9 1944

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

Sincerely yours,

((Sgd.)) HAROLD L. ICKES

Petroleum Administrator for War.

The President,

The White House.

Enclosure.

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

~~CONFIDENTIAL~~

SUPPLIES FOR THE U.S.S.R.

Report to the President

PETROLEUM PRODUCTS

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

The Russian tankers which arrived on the West Coast during April were found to have been so badly damaged by ice as to necessitate repairs in drydock. As a result, no 100 octane gasoline and only one cargo, approximately 75,000 barrels, of blending agent was lifted during the month, whereas it had been expected, as mentioned in last month's report, that about 425,000 barrels of the latter product would be shipped. The tanker that lifted the one cargo had been undergoing extensive repairs necessitated by age and worn machinery and equipment.

It is expected that three tankers will lift whole or part cargoes of 100 octane gasoline, blending agent, and motor gasoline during the first half of May. Four additional tankers are scheduled to arrive on the West Coast during the last half of the month. However, these four vessels may be delayed, and furthermore, because of other bulk product requirements, such as alcohol and vegetable oil, they may not all be assigned to petroleum liftings by the Russians.

The Soviet Government's Lend-Lease requirements filed with The President's Soviet Protocol Committee for the year beginning July 1, 1944 include 500,000 short tons of petroleum products from the United States and 300,000 from Abadan. The grade by grade split-up of the 500,000 tons has not yet been indicated but it is assumed that blending agent and 100 octane gasoline will comprise the major part. The 300,000 tons to be furnished from Abadan are understood to be made up entirely of blending agent and 100 octane gasoline, and are to be replaced to the British from U.S.-controlled sources.

The following tabulation summarizes the petroleum product shipments that have been made to the U.S.S.R. during the period June 22, 1941 (the date of the German invasion of Russia) to April 30, 1944. In keeping with our usual practice, we have eliminated shipments diverted to the United Kingdom, and have included replacement shipments from the United Kingdom. Also included are aviation gasoline and blending agent shipped from Abadan during the period July 1, 1943 to March 31, 1944. Replacement of these shipments has been or will be made out of United States-controlled sources:

Aviation Gasoline and Blending Agents	5,873,629 Bbls.
Motor Gasoline	865,719 "
Miscellaneous Naphtha and Kerosene	43,499 "
Gas Oil	405,885 "
Fuel Oil	27,831 "
Lubricating Oil	193,930 "
Grease	8,197 "
Tetraethyl lead	18,185 "
Lubricating Oil Additives	28,604 "
Total	7,465,479 Bbls.
Ceresine and Paraffin Wax	4,158 Short Tons

[REDACTED]

DECLASSIFIED

MAR 21 1973

EO 11652 Sec 3(E) and 5(D) or (E)

PETROLEUM REFINING PLANTS

Five additional interpreters have been obtained to assist in the Russian Engineer Training Program. We have therefore informed the Foreign Economic Administration of our approval of an extension of this program by fifteen men, bringing the total to fifty-five, provided that this additional training is devoted to balancing out operation and maintenance men for the various processes involved. Of these fifty-five trainees, forty-one have been scheduled for training.

The War Production Board has reviewed the revised copy of the requisition covering the equipment offered for Plants 3 and 4 under the Urgent Section of the Third Protocol and including the supplemental requisition for a pilot plant and a depropanizer for Plant 1, both of which had been approved by the Protocol Subcommittee on Supplies. It is the Board's intention to give this project a priority rating of AA-1, and to schedule deliveries to commence in the third quarter of 1944 and to finish in the first quarter of 1945. However, no delivery promises can be made until the complete program schedule from E. B. Badger and Sons Company has been checked by the War Production Board.

An analysis has been completed of the excess costs of the Second Protocol. This analysis has been forwarded to the Foreign Economic Administration with our opinion that all expenditures above those originally estimated may reasonably be considered as falling within the scope of the original authorization.

OILFIELD EQUIPMENT

The requisition covering the three heavy drilling rigs for the 1944 Arctic program was returned, unapproved, to the Soviet Government Purchasing Commission by the Foreign Economic Administration.

During the course of discussion and investigation of the rig requirement, information regarding a refinery located in the U.S.S.R. Arctic region was given the Foreign Economic Administration and the Petroleum Administration for War for the first time. The representatives of the Commission gave only meager data on the subject, but brought out that the possible increase in crude oil supply brought about by three additional drilling rigs could be handled by existing refining installations. According to the information made available, the Arctic oil is used mainly as fuel for ships plying in the Arctic region. It seems reasonable to assume that any refinery installation would be in the nature of a topping plant.

Specifications on the U.S.S.R. oilfield equipment requirements under Lend-Lease for the year beginning July 1, 1944 are expected from Moscow early this month. In the Program of Requirements for the fiscal year 1944-1945, recently submitted by the Soviet Government, oilfield equipment is grouped with mining equipment under Various Industrial Equipment.

RECOMMENDATIONS

We have no recommendations to make at this time.

~~CONFIDENTIAL~~



THE SECRETARY OF THE TREASURY
WASHINGTON


L. F.
Lend Lease

MAY 9 1944

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 May.

The inventory of material in storage as of May 1, 1944, was 383,640 tons or 345 tons less than the April 1st inventory. Production scheduled for May shows an increase of 233,155 tons as compared with April.

Yours sincerely,

x 4193
x 220

Wm. M. Muthaupt.
x21

The President

The White House

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FEB 2 1972



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7.0.160

TREASURY DEPARTMENT - U. S. S. R.

MATERIALS AVAILABLE FROM STORAGE AND PRODUCTION DURING MAY, 1944

FEB

2 1972

COMMODITY	STORAGE MAY 1, 1944	PRODUCTION DURING MAY	TOTAL AVAILABLE	PRIORITY CARGOES TO PORT AREAS SPECIFIED TO DATE FOR MAY
AGRICULTURAL MACHINERY AND IMPLEMENTS		20	20	
ALUMINUM	15,525	9,428	24,953	
AUTOMOTIVE EQUIPMENT AND PARTS		8,564	8,564	
BEARINGS	419	382	801	672
BRASS AND BRONZE	15,103	39,955	55,058	16,542
CHEMICALS	17,349	11,949	29,298	3,360
CLOTHING AND TEXTILES		11,312	11,312	
CONSTRUCTION MACHINERY		4,535	4,535	
COPPER IN VARIOUS FORMS	29,439	5,066	34,505	5,712
FERRO-ALLOYS	432	1,772	2,204	224
GRAPHITE PRODUCTS	2,639	12,051	14,690	
HAND AND CUTTING TOOLS		3,719	3,719	
INDUSTRIAL MACHINERY	99,317	58,980	158,297	18,872*
LEAD AND LEAD ALLOYS	1		1	
LEATHER AND LEATHER PRODUCTS		464	464	
NICKEL AND NICKEL PRODUCTS	1,423	3,170	4,593	818
NON-FERROUS METALS, OTHER	547	59	606	606
PAPER AND PAPER PRODUCTS	1,756	669	2,425	448
PLASTICS	3,665		3,665	
RUBBER	2,935	4,784	7,719	2,912
STEEL, ALLOY AND SPECIAL	31,876	84,742	116,618	17,696
STEEL, CARBON	75,520	78,363	153,888	5,152
STEEL, PIPE AND TUBING	57,951	3,934	61,885	3,752
STEEL, RAILS	11,796		11,796	6,720
TIN PLATE	16,844	2,775	19,619	3,360
ZINC	103		103	
TOTAL	384,640	346,698	731,338	86,846

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

~~SECRET~~

MAY 9 1944

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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 May.

The inventory of material in storage as of May 1, 1944, was 383,640 tons or 345 tons less than the April 1st inventory. Production scheduled for May shows an increase of 233,155 tons as compared with April.

Yours sincerely,

(Signed) H. Morganthau, Jr.

The President

The White House

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T.O. 160

FEB 2 1972

TREASURY DEPARTMENT - U. S. S. R.

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75724/44.
WAR DEPARTMENT
WASHINGTON, D. C.

May 9, 1944.

B.F.
Lend Lease
PSF.
The President,

The White House.

Dear Mr. President:

Action of the War Department in furnishing Lend-Lease aid to the Union of Soviet Socialist Republics under the Third Russian Protocol is summarized in the inclosed report for the period ending 30 April 1944.

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

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

Respectfully yours,

Henry L. Ettinger

Secretary of War.

X25-

Incl:
Tabs A to C
inclusive

X 4193
X 220



MAY 9 - 1944

The President,

The White House.

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Respectfully yours,

(Sgd.) HENRY L. STIMSON

Secretary of War.

Incl:

Tabs A to C
inclusive

~~SECRET~~

WAR DEPARTMENT

SUMMARY OF STATUS OF MILITARY GROUND ITEMS
AS OF 30 APRIL 1944

~~SECRET~~
AUTH. DIRECTOR I.A.D.
INSPILLAS 687
DATE 6 May 1944

The following statement summarizes the status of Military Ground Items during the Third Russian Protocol period 1 July 1943 to 30 April 1944, detailed in the tabulations attached.

General Classification	Tonnage				Total
	Tab A1	Tab A2	Tab A3	Tab A4	
	Third Protocol Schedule	Second Protocol Items Re-Offered	Assigned Non-Protocol Items	Requisitioned Non-Protocol Items	
			Offerings		
Ordnance Items	1,000,188	6,910	127,845	32,743(a)	1,167,686
Signal Items	32,105	17	1,295	420	33,837
Chemical Items	66,779	10,946(c)	10,638	1,631	89,994
Quartermaster Items	58,370	-	1,605	38,944	98,919
Medical Items	2,065	-	-	-	2,065
Transportation Items	304,300	-	13,300	-	317,600
Engineer Items	-	-	22,644	1,739	24,383
	1,463,807	17,873	177,327	75,477	1,734,484
			Offerings Made Available		
Ordnance Items	803,796	6,910	119,936	15,633(b)	946,275
Signal Items	26,637	17	1,049	242	27,945
Chemical Items	43,068(d)	10,946(c)	7,630	1,372	63,016
Quartermaster Items	40,998	-	1,429	35,932	78,359
Medical Items	2,840	-	-	-	2,840
Transportation Items	171,436	-	10,578	-	182,014
Engineer Items	-	-	21,843	1,739	23,582
	1,088,775	17,873	162,465	54,918	1,324,031

- (a) Ordnance tonnage figures incomplete due to lack of spare parts weight data.
(b) Availability figures as of 31 March 1944.
(c) Reduction due to repossession of 419 tons of chemicals.
(d) Revised figure due to repossessions.

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DDO 5200.9 (9/27/68)

Date- JAN 31 1972

Signature- RAB

~~SECRET~~

~~SECRET~~

TAB A1

ITEMS SPECIFICALLY LISTED IN THIRD PROTOCOL SCHEDULE

Item	Protocol Number	Third Protocol Commitment	First Ten Months' Schedule	First Ten Months' Availability	Performance by Units			Tonnage (Short Tons)	
					%	Shortage	Overage	%	Total Offerings
<u>ORDNANCE</u>									
<u>Tanks</u>									
Medium	I 2	2,000	1,670	1,536	8.0	134		60,600	46,541
<u>Vehicles</u>									
Scout Cars, M3A1	I 9a	4,500**	3,750	2,232	40.5	1,518		19,822	9,832
Truck $\frac{1}{2}$ Ton 4x4 (Jeep)	I 9b	24,000 1,804*	20,000 1,804*	18,513(a) 1,804*	6.8	1,487		24,720 1,858*	20,519(a) 1,858*
<u>Trucks</u>									
Truck $\frac{3}{4}$ Ton 4x4 WC	I 10a	-	-	7,800 156*				-	20,136 402*
Truck $\frac{3}{4}$ Ton 4x4 Carryall	I 10a	-	-	300				-	795
Truck $1\frac{1}{2}$ Ton 4x2	I 10b	-	-	28,328 3,091*				-	96,570 10,537*
Truck $1\frac{1}{2}$ Ton 4x4	I 10b	-	-	17,853 1,566*				-	73,510 6,448*

* Second Protocol carryover.

** Second Protocol carryover relisted on Third Protocol.

(a) Includes 2,165 trucks $\frac{1}{2}$ ton 4x4 (Amphibian).

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Tab A1 - 2 of 8

Item	Protocol Number	Third Protocol Commitment	First Ten Months' Schedule	First Ten Months' Availability	Performance by Units			Tonnage (Short Tons)	
					%	Shortage	Overage	%	Total Offerings 30 Apr 1944
<u>Trucks (Cont'd)</u>									
Truck 2½ Ton 6x4	I 10c	-	-	17,968(b) 1,228*				-	115,624 7,902*
Truck 2½ Ton 6x4 Tractor	I 10c	-	-	700				-	3,575
Truck 2½ Ton 6x6	I 10c	-	-	26,340 3,252*				-	146,187 18,048*
Truck 2½ Ton 6x6 Dump	I 10c	-	-	400				-	2,124
Truck 2½ Ton 6x6 Radio Repair	I 10c	-	-	-				-	-
Truck 5 Ton 4x2 Dump	-	-	-	28				-	149
Tank Transporter - 20 Ton	I 10c	-	-	164 44*				-	2,665 715*
Tank Transporter - 40 Ton	-	-	-	60				-	1,591
Truck 1½ Ton 6x6 Dodge	-	-	-	10				-	36
Industrial Lift Trucks and Tractors	-	-	-	212(c) 100,163 9,337*	6.7	7,837		-	364 629,406 44,052*
Motorcycles	I 17	12,000 1,400*	10,000 1,400*	10,831 1,400*			831 7.3	3,222 375*	2,908 375*

* Second Protocol carryover.

(b) 10 Rollers, Road, 3-wheel, 10 Ton, equivalent to 18, 2½ Ton 6x4 Trucks and 60 Graders, Road, Motorized, Diesel Engine Driven, equivalent to 136, 2½ Ton 6x4 Trucks are considered as substitutes for trucks per agreement with the U.S.S.R.

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

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Item	Protocol Number	Third Protocol Commitment	First Ten Months' Schedule	First Ten Months' Availability	Performance by Units			Tonnage (Short Tons)	
					%	Shortage	Overage	%	Total Offerings
<u>Prime Movers for Artillery I 18</u>									
Tractors, Medium, M1		1,680	-	1,311				8,958	8,930
Tractors, Heavy, M1		720	-	504				9,180	6,552
Tractors, M5		-	-	172				-	2,408
Construction Tractors		-	-	10				-	159
		2,400	2,000	1,997	.15	3		18,138	18,049
Cars, Half Track, M9		600	500	522			22 4.4	4,563	3,970
<u>Explosives</u>									
Toluol	(Tons)	I 13a	40,320 6,527*	32,853 6,527*	31,327 6,527*	3.9	1,526	44,400 7,187*	31,700 7,187*
TNT	(Tons)	I 13b	26,880 23,493*	22,400 23,493*	33,350 23,493*		10,950	23.8 30,660 26,744*	37,965 26,744*
Powder	(Tons)	I 14	72,700(d) 8,825*	60,500 8,825*	76,880(d) 8,825*		16,380	23.6 75,300 9,141*	79,629 9,141*
Total								910,831 89,357*	714,439 89,357*

SIGNAL EQUIPMENT

Radio Stations More Than 1 KW I 20a

Radio Trans. & Rec. Stat. 50 KW	1	1	1	-	91(f)
Radio Trans. & Rec. Stat. 10-15 KW	17(e) 4*	13 4*	10 4*	-	412(f)
				260*	260*

* Second Protocol carryover.

(d) An additional 22,000 tons of powder are being procured.

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

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

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Tab A1 - 4 of 8

Item	Protocol Number	Third Protocol Commitment	First Ten Months' Schedule	First Ten Months' Availability	Performance by Units			Tonnage (Short Tons)	
					% Shortage	Overage	%	Total Offerings	Availability 30 Apr 1944
<u>Radio Stations More Than 1 KW (Cont'd)</u>									
Radio Trans. & Rec. Stat. 2-3 KW		39	29	-				-	442(f)
RCA-ET 4331		$\frac{1}{58(e)}$ 4*	$\frac{1}{44}$ 4*	$\frac{1}{12}$ 4*	66.6	32		$\frac{-}{910}$ 260*	$\frac{3}{948}$ 260*
<u>Radio Stations Less Than 1 KW I 20c</u>									
Radio Set SCR-299, 399		1,000 25*	783 25*	1,055 25*				-	5,184
Radio Set SCR-284		4,500 600*	3,750 600*	4,551 600*				-	1,115
Radio Set #19		2,300 112*	2,300 112*	2,489 112*				-	274
Radio Set Pilot V-100		4,000	3,667	4,301				-	596
Radio Set SCR-177B		(95)	(95)	60(g)				-	72
Radio Set SCR-274		(560)	(560)	560(g)				-	48
Radio Set SCR-511		(400)	(400)	5(g)				-	-
Radio Set SCR-610		$\frac{(4,800)}{11,800}$ 737*	$\frac{(4,800)}{10,500}$ 737*	$\frac{-(g)}{13,021}$ 737*			2,521 22.4	$\frac{-}{11,850}$ 159*	$\frac{4(f)}{7,293}$ 159*
<u>Radio Receivers I 20c</u>									
RCA Type AR-88		620	-	620				-	47
National Type HRO-MX		70	-	70				-	4

* Second Protocol carryover.

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

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

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Tab A1 - 5 of 8

Item	Protocol Number	Third Protocol Commitment	First Ten Months' Schedule	First Ten Months' Availability	Performance by Units			Tonnage (Short Tons)		
					%	Shortage	Overage	%	Total Offerings	Availability 30 Apr 1944
<u>Radio Receivers (Cont'd)</u>										
National Type HRC		230	-	230				-	11	
Federal Type 128-A		200	-	24				-	1	
Hallicrafter SX-28		180	-	180				-	13	
National Type NC-200		490	-	-				-	-	
Hallicrafter S-29		210	-	-				-	-	
		2,000	1,500	1,124				160	76	
Hallicrafter S-29		10	-	10				-	-	
Hallicrafter SX-28		2	-	2				-	-	
Hammarlund BC-794		7	-	7				-	-	
BC-1004		190	-	190				-	-	
SP-200-SX BC-1004		5	-	5				-	-	
220-X BC-1004		97	-	97				-	-	
RAZ		5	-	5				-	-	
RA-10-DA		945	-	930				-	-	
Hammarlund H2-120-X		2	-	2				-	-	
Diversity Receiving Equipment		23	-	23				-	-	
Radio Compass MN-26-C		5	-	5				-	-	
		2,000	1,500	1,124	13.4	376		160	76	
		1,291**	1,291**	1,276**				180**	180**	
Hammarlund Receivers		14*	14*	14*				1*	1*	
<u>Radio Beacons</u>										
I 26										
SCR-177B		200	-	200				-	210	
		50*	50*	50*				37*	37*	
Radio Trans. Wilcox 96-200A (2 1/2 KW)		3	-	-				-	-	
Radio Trans. Wilcox FT-300 (3 KW)		10	-	-				-	-	
Radio Trans. Pan American Airways		10	-	-				-	-	
Radio Range Beacons		12	-	-				-	-	
Other Types of Radio Beacons		-	-	6				-	-	
		235(h)	190	206				1,222	231	
		50*	50*	50*			16 6.6	37*	37*	

* Second Protocol carryover.

** Second Protocol carryover relisted on Third Protocol.

(h) Fifteen being procured by U.S. Navy not included.

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Tab A1 - 6 of 8

Item	Protocol Number	Third Protocol Commitment	First Ten Months' Schedule	First Ten Months' Availability	Performancy by Units			Tonnage (Short Tons)		
					%	Shortage	Overage	%	Total Offerings	Availability 30 Apr 1944
<u>Radio Direction Finding Set</u>										
Radio Set SCR-551 (w/SCR-169 & SCR-211)		150	117	48	58.9	69		542	175	
Radio Tubes	I 23	2,400,000	1,991,666	2,028,396			36,732	1.8	520	246
Measuring & Testing Equipment & Spare Parts	I 28	\$3,000,000	\$2,500,000	\$1,456,897	41.7	\$1,043,103			350	426
Field Telephones	I 11	100,000 42,249*	83,330 42,249*	107,200 42,249*			23,870	19.0	900 253*	930 253*
Wire, Field Telephones	I 12	186,000 141,042*	174,000 141,042*	171,716 141,042*	.7	2,284			7,720 5,781*	7,278 5,781*
Field Battery Charging Station (1½ KW)	I 24	4,000	3,667	3,868			201	5.5	1,260	2,363
Total									25,434 6,671*	19,966 6,671*
<u>CHEMICALS (Tons)</u>										
Phenol	II 36	12,000 4,118*	10,000 4,118*	8,261(1) 4,118*	12.3	1,739			12,960 4,447*	8,922 4,447*
Ethylene Glycol	II 38	3,360 4,134*	2,800 4,134*	-(j) 4,031*(k)	-	-			3,700 4,547*	- 4,434*
Methanol	II 45	6,720 10,137*	5,600 10,137*	-(j) 4,287*(1)	-	-			7,700 10,542*	- 4,458*

* Second Protocol carryover.

(1) 440 tons have been repossessed.

(j) Deliveries against the Protocol offering are not anticipated. The U.S.S.R. have taken action to cut off any future deliveries diverting unused tonnage for other requirements.

(k) 103 tons have been repossessed.

(1) 5,850 tons have been repossessed.

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Tab A1 - 7 of 8

Item	Protocol Number	Third Protocol Commitment	First Ten Months' Schedule	First Ten Months' Availability	Performance by Units		Tonnage (Short Tons)	
					% Shortage	% Overage	Total Offerings	Availability 30 Apr 1944
<u>CHEMICALS (Cont'd)</u>								
Urotropine	II 46	6,720	5,600	5,912		312 5.6	7,600	6,680
Glycerine	II 61a11	6,720 2,498*	5,600 2,498*	7,290(m) 2,498*		1,690 20.8	7,400 2,748*	8,019(m) 2,748*
Other Chemicals	II 61a	3,584 1,052*	2,980 1,052*	1,981 1,052*(n)	24.8	999	3,970 1,165*	2,195 1,165*
Total							43,330 23,449*	25,816 17,252*
<u>QUARTERMASTER</u>								
Leather (Tons)	II 71	13,120	-	7,318			13,120	7,684
(o) Army Boots		2,490	-	2,490			2,490	2,490
Leather Belts		258	-	258			258	258
Shoes, Service		1,453	-	1,453			1,453	1,453
Women's Service Shoes		94	-	94			94	94
Transmission Belting		65	-	65			65	65
Boots, Leather		128	-	128			128	128
Leather Belting		9	-	9			9	9
Leather for Treasury Procured Items		383	-	383			383	383
		18,000 4,250*	15,000 4,250*	12,198 4,250*	14.5	2,802	18,000 4,250*	12,564 4,250*
Army Boots (Prs.)	II 72	3,600,000 137,468*	3,000,000 137,468*	2,967,515(p) 137,468*	1.0	32,485	9,000 343*	7,861 343*
Woolen Cloth (Yds.)	II 73a	17,400,000	14,500,000	8,042,091	44.5	6,457,909	15,615	8,429

* Second Protocol carryover.

(m) Revised.

(n) 821 tons have been repossessed.

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

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

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Tab A1 - 8 of 8

Item	Protocol Number	Third Protocol Commitment	First Ten Months' Schedule	First Ten Months' Availability	Performance by Units			Tonnage (Short Tons)	
					%	Shortage	Overage	Total Offerings	Availability 30 Apr 1944
<u>QUARTERMASTER (Cont'd)</u>									
Cotton Cloth (Yds.)	II 73b	21,900,000 1,045,000**	18,250,000 1,045,000**	12,856,446 1,045,000**	27.9	5,393,554		6,182 280**	3,721 280**
Tarpaulin (Yds.)		3,000,000	2,500,000	1,162,522	53.5	1,337,478		2,300	1,395
Webbing (Yds.)	II 75	6,000,000 6,000,000**	5,000,000 6,000,000**	9,850,223 6,000,000**			4,850,223 44.1	1,200 1,200**	955 1,200**
Total								52,297 4,593* 1,480**	34,925 4,593* 1,480**
<u>MEDICAL</u>									
Medical Supplies		\$12,000,000 2,077,536*	\$10,000,000 2,077,536*	\$7,000,343 2,077,536*	24.8	\$2,999,657		1,200 865*	1,975 865*
<u>TRANSPORTATION EQUIPMENT</u>									
Locomotives		700	468	488			20 4.3	69,300	61,645
Flat Cars		10,000	7,467	4,668	37.4	2,799		235,000	109,791
Total								304,300	171,436
GRAND TOTAL								1,337,392 126,415*	968,557 120,218*

* Second Protocol carryover.

** Second Protocol carryover relisted on Third Protocol.

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TAB A2

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

<u>Item</u>	<u>Protocol Number</u>	<u>War Department Offerings Quantity</u>	<u>Offerings Made Available Tonnage</u>	<u>Quantity</u>	<u>Tonnage</u>	<u>Remarks</u>
<u>ORDNANCE</u>						
90mm AA Gun	I 3a	20	173	20	173	
40mm AA Gun	I 4a	1,100	2,970	1,100	2,970	
Field Repair Shop	I 34	949	<u>3,767</u>	949	<u>3,767</u>	
Total			<u>6,910</u>		<u>6,910</u>	
<u>SIGNAL</u>						
Radio Set SCR-610	-	120	17	120	17	
<u>CWS CHEMICALS - (Tons)</u>						
Potassium Nitrate	II 50	1,566*	1,566*	1,566*	1,566*	* Revised due to repossession of 244 tons.
Potassium Sulfate	II 60	157	157	157	157	
Ammonium Thiocyanate	II 51	1.7	1.7	1.7	1.7	
Resorcinol	II 53	30	30	30	30	
Strontium Oxalate	II 55	48*	48*	48*	48*	* Revised due to repossession of 8 tons.
Rhodamine	II 56	3.5	3.5	3.5	3.5	

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<u>Item</u>	<u>Protocol Number</u>	<u>War Department Quantity</u>	<u>Offerings Tonnage</u>	<u>Offerings Made Quantity</u>	<u>Available Tonnage</u>	<u>Remarks</u>
<u>CWS CHEMICALS - (Tons) (Cont'd)</u>						
Barium Peroxide	II 54	75	75	75	75	
Pyracatechin	II 61a	8.4	8.4	8.4	8.4	
Trichlorethylene	II 61a	139.8	139.8	139.8	139.8	
White Phosphorus	II 40	493	493	493	493	
Bakelite Lacquer	II 61a	5.6	5.6	5.6	5.6	
Black Lacquer	II 61a	28	28	28	28	
Diphenylguanidine	II 36	152.1	152.1	152.1	152.1	
Sodium Bromide	II 39	116*	116*	116*	116*	* Revised due to repossession of 161 tons.
Zelan	II 61a	16.8	16.8	16.8	16.8	
Neozone	II 61a	33.6	33.6	33.6	33.6	
Molybdic Acid	II 61a	17.2	17.2	17.2	17.2	
Cerium Metal	II 58	9	9	9	9	
Tungstic Acid	II 61a	13.9	13.9	13.9	13.9	
Ethyl Cellulose	II 61a	5.6	5.6	5.6	5.6	
Magnesium Oxide	II 61a	5.6	5.6	5.6	5.6	
Thiurium	II 57	23.5	23.5	23.5	23.5	

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Tab A2 - 3 of 3

Item	Protocol Number	War Department Quantity	Offerings Tonnage	Offerings Made Quantity	Available Tonnage	Remarks
<u>CWS CHEMICALS - (Tons) (Cont'd)</u>						
Benzyl Chloride	II 61a	5.6	5.6	5.6	5.6	
Acetone	II 61a5	1,250	1,250	1,250	1,250	
Benzaldehyde	II 61a	2.9	2.9	2.9	2.9	
Diethylaniline	II 61a	-*	-*	-*	-*	* 6.8 tons remaining unexported 6/30/43 have been repossessed as of 4/30/44.
Ethyl Alcohol Denatured	II 38a	141.9	141.9	141.9	141.9	
Paranitrochlorobenzol	II 61a	129.9	129.9	129.9	129.9	
Diethylene Glycol	II 61a17	368	368	368	368	
Potassium Bromide	II 61a	22.3	22.3	22.3	22.3	
Hydroquinine	II 61a	22.4	22.4	22.4	22.4	
Caustic Soda	II 61a3	4,077	<u>4,077</u>	4,077	<u>4,077</u>	
Total			<u>8,969.3</u>		<u>8,969.3</u>	
<u>ORDNANCE CHEMICALS</u>						
Dibutylphthalate	II 41	1,377	1,377	1,377	1,377	
Kelloxylene	II 44	600	<u>600</u>	600	<u>600</u>	
Total			<u>1,977</u>		<u>1,977</u>	
GRAND TOTAL			17,873.3		17,873.3	

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TAB A3

ASSIGNED NON-PROTOCOL ITEMS

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	Tonnage	Subsequent to 6/30/43 Quantity	Tonnage	
<u>ORDNANCE</u>							
<u>Materiel</u>							
Gun, 40mm AA	4,627	24,523	-	-	4,113	21,799	
Gun, 90mm AA	120	1,038	-	-	118	1,021	
Director, AA, M5 37 & 40mm Gun	5,412	2,706	-	-	4,610	2,305	
Gun 3" AT SP	50	363	-	-	50	363	
Gun 57mm AT SP	675	1,581	-	-	550	1,288	
Gun, Machine cal. .50 AA W/C	1,800	84	-	-	1,200	56	
Gun, Submachine cal. .45 M3	3,007	12	-	-	2,007	9	
Carriage Motor, 76mm Gun T70 w/Armament	5	84	-	-	5	84	
Carbine, cal. .30 M1A1	5	-	-	-	-	-	
Universal Carriers	12	6	12	6	-	-	
Binoculars 6x30 Mil Reticle	10,229	24	-	-	12,317	28	
Watch Stop Type BM1	96	-	22	-	66	-	
Skid Chains (Sets)	31,000	12	7,000	3	7,950	3	

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Tab A3 - 2 of 10

War Department Offerings

Offerings Made Available

As of 6/30/43

Subsequent to 6/30/43

ItemQuantityTonnageQuantityTonnageQuantityTonnageRemarksMateriel (Cont'd)

Spark Plugs	(Ea.)	510,000	32	-	-	462,800	29
Spare Parts	(Lots)	50	1,700	50	1,700	-	-
Brush Bores for Guns		700	3	700	3	-	-
Battery Charging Units		200	38	-	-	100	19
Pistol, Auto. cal. .45 M1911A1		7,500	12	-	-	7,000	11

Ammunition

Cart. AP cal. .30	(Unit 1000)	31,920	1,229	24,620	948	7,300	281
Cart. Tracer cal. .30	(Unit 1000)	4,950	183	3,700	137	1,250	46
Cart. Carbine, cal. .30 M1	(Rounds)	15,000	-	-	-	-	-
Cart. Ball cal. .45	(Unit 1000)	77,047	2,119	44,000	1,188	-	-
Cart. AP cal. .50 M1 w/Links	(Unit 1000)	29,189	4,957	17,000	2,746	16,167	2,611
Cart. Tracer cal. .50 w/Links	(Unit 1000)	18,477	2,938	6,998	1,112	4,076	648
Link Met. Belt cal. .30	(Unit 1000)	58,710	352	15,200	91	43,400	260
Cart. cal. .30 M2 Short Tracer	(Unit 1000)	5,400	200	-	-	5,400	200
Cart. cal. .30 Incend. AC	(Unit 1000)	9,000	324	-	-	9,000	324

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Tab A3 - 3 of 10

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	Tonnage	Subsequent to 6/30/43 Quantity	Tonnage	
<u>Ammunition (Cont'd)</u>							
Cart. cal. .50 Incend. AC (Unit 1000)	38,300	5,917	30,400	4,697	7,904	1,221	
Cart. 20mm AP (Unit 1000)	950	356	350	131	600	225	
Cart. 20mm HE (Unit 1000)	1,850	693	300	112	1,401	525	
Shell, fixed HE M54 37mm AA & AC (Rounds)	2,501,875	8,073	293,885	428	2,207,990	7,656	
Shot, fixed APC M51 or AP M74, 37mm T & AT	242,561	598	90,000	221	-	-	
Shot, fixed AP M80, 37mm AC	1,025,250	1,608	-	-	1,025,250	1,608	
Shell HE Mk I & II, 40mm AA	6,812,458	22,890	322,458	1,083	5,490,000	18,446	
Shot AP M81, 40mm AA	628,492	2,111	63,492	213	465,000	1,562	
Shell HE M71, 90mm AA	170,400	5,027	14,400	425	219,440	6,473	
Shell, APC M82 or AP M77, 90mm AA	10,000	295	-	-	10,000	295	
Shell HE S/C M48, 75mm Gun	388,266	5,436	142,269	1,991	245,997	3,444	
Shell HE N/C M48, 75mm Gun	9,100	127	9,100	127	-	-	
Proj. APC M61 or AP M72, 75mm Gun	610,100	8,236	-	-	610,100	8,236	
Shell HE M48, 75mm AC	4,200	57	-	-	4,204	57	
Shell HE M42, 3" T & AT	25,000	475	-	-	25,000	475	

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Tab A3 - 4 of 10

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43	Quantity	Tonnage	Subsequent to 6/30/43	
			Quantity			Quantity	Tonnage
<u>Ammunition (Cont'd)</u>							
Shot, Fixed AP, 3" AA	25,000	488	-	-	25,000	488	
Shot APC M86 & AP M70, 57mm T & AT (6 Pdr.)	832,000	9,984	-	-	860,000	10,320	
Shot APC M59 & AP M74, 37mm AA Gun	30,000	591	-	-	25,000	493	
Proj. APC M62 w/Tracer 76mm Gun M1	15,800	308	-	-	5,000	98	
Shell HE M42A1, 76mm AT Gun, M1	13,300	60	-	-	2,500	33	
Shell, HE-AT, M66 for 75mm Howitzer	100	4	-	-	-	-	
Rocket AT 2.36" M6	20,920	73	20,920	73	-	-	
Rocket AT 2.36" M7 Practice	1,605	5	1,000	3	605	2	
Carriage, Motor, Multiple Gun M15A1	100	875	-	-	100	875	
Carriage, Motor, Multiple Gun M17	1,000	8,683	-	-	967	8,396	
Belt, Ammunition cal. .30 M1917	72,000	15	-	-	72,000	15	
Machines, Link Loading, cal. .50	1,100	10	-	-	-	-	
Gun, 4.7" AA Mobile w/Remote Control	4	160	-	-	-	-	
Shell, HE, M73 4.7" AA Gun	4,000	170	-	-	4,000	170	
Total		127,845		17,438		102,498	

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Tab A3 - 5 of 10

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43	Quantity	Tonnage	Subsequent to 6/30/43	
			Quantity			Quantity	Tonnage
<u>SIGNAL</u>							
Camera, PH 330-G	10	1	2	-	4	-	
Radio Set SCR-300	5	1	-	-	-	-	
Radio Set SCR-268	25	898	20	719	5	179	
Facsimile Equipment, RC-120	10	1	-	-	10	1	
Telephone Cable Equipment WC 369 (Ft.)	5,000	1	-	-	5,000	1	
Film Dupont Type 228 (Ft.)	131,240	129	-	-	-	-	
Interphone Equipment RC-63	122	1	-	-	122	1	
Ink Recorder, BC-1016	40	3	-	-	25	2	
Tool Equipment TE-41	25	-	-	-	25	-	
Tool Equipment TE-46	15	1	-	-	12	1	
Tool Equipment TE-48	822	18	-	-	272	6	
Radio Set SCR-274	350	31	-	-	350	31	
Radio Compass SCR-269-G	1,000	37	-	-	-	-	
Radio Set SCR-518-A	10	1	-	-	10	1	
Radio Set SCR-602	10	20	-	-	10	20	
Radio Set SCR-270-DA	3	87	-	-	3	87	

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Tab A3 - 6 of 10

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	Tonnage	Subsequent to 6/30/43 Quantity	Tonnage	

SIGNAL (Cont'd)

Radio Set SCR-271-DA	3	-	-	-	-	-
Telegraph Printer Set EE-97	269	5	-	-	4	-
Radio Set #48 w/Spare Parts and Batteries	800	60	-	-	-	-
Microphones ANB-M-C1	200	-	-	-	-	-
Total		<u>1,295</u>		<u>719</u>		<u>330</u>

CHEMICAL WARFARE

Pot, Smoke (HC)	1,000,000	8,500	-	-	736,110	6,257
Pot, Smoke, Floating HC, M4	95,000	<u>2,138</u>	-	-	61,000	<u>1,373</u>
Total		<u>10,638</u>		-		<u>7,630</u>

QUARTERMASTER

Drawers, Wool	823,522	365	540,460	236	5,002	3
Undershirts, Wool	707,730	308	637,787	278	2	-
Undershirts, Cotton Summer, Sleeveless	5,000	1	-	-	5,000	1
Jumper, Work Denim	196,000	120	196,000	120	-	-
Tent, Hospital Ward	2,600	488	-	-	2,600	488

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Tab A3 - 7 of 10

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	Quantity	Tonnage	Quantity	Tonnage	
			As of 6/30/43		Subsequent to 6/30/43		

QUARTERMASTER (Cont'd)

Trouser, Work Denim	300,000	185	299,897	184	-	-	
Boots, Rubber	13,500	31*	-	-	13,500	31*	*Revised
Bags, Barracks	4,378	2	-	-	778	-	
Canteen Cups	5,000	2	-	-	1,050	-	
Shovels, Entrenching	2,500	25	-	-	1,000	10	
Belts, Pistol	100,000	36	-	-	100,000	36	
Stoves, Cooking, Gasoline One Burner, M1941	300	1	-	-	314	1	
Shoes, PAC, 16"	10,500	41	-	-	10,500	41	
Gloves, Wool, O.D.	4,000	-	-	-	4,000	-	

Total

TRANSPORTATION

Loading Beams	8	9	-	-	8	9
Lifting Device for 2-10-0 Locomotives	16	36	-	-	5	10
Car, Ry., Dump	500	13,000	-	-	400	10,304
Class "B" Spares for 2-8-0 Locomotives	7	255	-	-	7	255
Total		<u>13,300</u>		<u>-</u>		<u>10,578</u>

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Tab A3 - 8 of 10

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	As of 6/30/43 Tonnage	Subsequent to 6/30/43 Quantity	Subsequent to 6/30/43 Tonnage	
<u>ENGINEERS</u>							
Compass, Lensatic	750	1	-	-	750	1	
Cord Detonating (100' spools)	59,418	297	20,616	103	31,802	159	
Searchlight 60" AA	138	1,905	46	460	128	1,767	
Cutters, Wire	115,000	374	10,000	31	60,000	204	
Dynamo Blasting Machine	50	1	50	1	-	-	
Welder, Electric Arc, 300 Amps., Gas Engine Driven, Trailer Mounted	30	38	-	-	5	8	
Fuze, Clover Brand (Ft.)	91,986,163	920	8,016,000	80	49,034,600	490	
Graders	22	132	16	102	6	77	
Road Rollers - 10 Ton	5	57	5	57	-	-	
Level, Engineers Comp. w/Access.	102	5	-	-	100	5	
Mat, Landing, Pierced Plank Type (Sq. Ft.)	3,294,000	8,484	-	-	3,294,750	8,486	
Tape, Measuring Steel	310	1	-	-	300	1	
Cableway, Military Portable	15	1,090	-	-	15	1,090	
Cleaning Fluid f/Searchlight (Pt.)	424	1	-	-	424	1	
Compressor	1	177	-	-	1	177	
Fire Extinguishers	100	3	-	-	100	3	

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Tab A3 - 9 of 10

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	Tonnage	Subsequent to 6/30/43 Quantity	Tonnage	

ENGINEERS (Cont'd)

Fiber Sheets, Vulcanized (Lbs.)	86,231	51	-	-	86,231	51	
Generating Plant	1	195	-	-	1	195	
Snow Plows Comp. w/Trucks	9	71	-	-	-	-	
Wire Conductor, Rubber Covered 500' Coil	50	1	-	-	-	-	
Wire, Annunciator, 200' Coils	125	1	-	-	125	1	
Cylinders, Oxygen	840	52	-	-	-	-	
Pipe Lines, Portable, Military Comp. w/Valves & Fittings	2	3,552	-	-	2	3,552	
Hose, Fire w/Couplings (Ft.)	180,000	103	-	-	65,000	37	
Auxiliaries, Transportation S/L", Model 1942	20	5	-	-	-	-	
Searchlight Carbons for Searchlight 60" Model 1942	10,000	3	-	-	-	-	

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

Crane or Shovel, Class III Crawler Mtd. 3/4 cu. yd.	75	1,517	-	-	68	1,375
Crane, Class II, Rubber Tire Mtd. 8-12 Ton	59	1,410	-	-	59	1,410

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Tab A3 - 10 of 10

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	As of 6/30/43 Tonnage	Subsequent to 6/30/43 Quantity	Subsequent to 6/30/43 Tonnage	
<u>ENGINEERS (Cont'd)</u>							
Crane, Crawler Mtd. 1st Class 3/8 cu. yd. 3-4 Ton	17	260	-	-	17	260	
Crane, Crawler Mtd. 2nd Class 1/2 cu. yd. 5-6 Ton	27	438	-	-	27	438	
Crane, Class IV, Crawler Mtd., 1-1 1/2 cu. yd. 20-30 Ton	6	293	-	-	6	293	
Crane, Class V, Crawler Mtd., 1 3/4 cu. yd. 30-40 Ton	7	360	-	-	7	360	
Crane, Class XIV, Rubber Tire Mounted, single engine, Self- Propelled 8-15 Ton	10	350	-	-	5	175	
Crane, Jib, Self-Supporting, Revolving Pillar Type, 7 1/2 Ton	28	288	-	-	18	185	
Crane, Class XI, Rubber Tire Mtd., 8-12 Ton	5	124*	-	-	5	124*	*Revised
Crane, Class XII, Rubber Tire Mtd., 14-18 Ton	2	84	-	-	2	84	
Total		22,644		834		21,009	
Grand Total		177,327		19,809		142,656	

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TAB A4

REQUISITIONED NON-PROTOCOL ITEMS

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	Tonnage	Subsequent to 6/30/43 Quantity	Tonnage	
<u>ORDNANCE</u>							
Spare Parts for Trucks (lots)	21	-*	-	-	4	-*	
Chrysler Tank Gas Engine 5 Line WG	5	-	-	-	5	-	
Twin G.M. Diesel Engine w/Spares & Accessories	5	-	-	-	-	-	
S/P for 2nd Year Maintenance f/330 Light Tanks M3	1,503,572	-	629,588	-	873,984	-	
S/P for 2nd Year Maintenance f/150 Medium Tanks M4	462,523	-	20,246	-	442,277	-	
S/P for Light and Medium Tanks	6,079	-	6,079	-	-	-	
Switches f/Tank Turrets	307*	-	280	-	27*	-	* Revised
Turrets f/Light Tanks	15	-	15	-	-	-	
Shut-off Valve f/Tanks	240	-	-	-	-	-	
S/P for 11,000 $\frac{1}{4}$ Ton 4x4 Willys (lots)	110	-	-	-	-	-	

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

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Tab A4 - 2 of 9

War Department Offerings		Offerings Made Available				Remarks
		As of 6/30/43		Subsequent to 6/30/43		
Item	Quantity	Tonnage	Quantity	Tonnage	Quantity	Tonnage

ORDNANCE (Cont'd)

Electrical Equipment for Trucks	(Set)	600	-	-	-	-	-
Diesel Engine G.M.	(Ea.)	1,500	-	523	-	968	-
S/P for Dodge Engine	(Lots)	20	-	-	-	-	-
Equip. f/Maintenance of Trucks	(Items)	119	-	-	-	-	-
Felt Warming Cases for Batteries	(Ft.)	25,000	-	-	-	-	-
Gaskets, Cover & Oil Filter Cartridge		38,500	-	-	-	-	-
Gears for Diesel Engine		2	-	-	-	-	-
Kits, Tool	(Sets)	5,000	-	-	-	-	-
Kits Repair Emergency	(Ea.)	1,910	-	-	-	-	-
Piston Rings	(Sets)	120	-	-	-	50	-

EXPLOSIVES

Ammonite	(Lbs.)	65,263,700	32,632	7,109,500	3,555	23,951,000	11,976
Detonators		2,659,000	17	306,000	2	704,000	5

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Tab A4 - 3 of 9

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	Tonnage	Subsequent to 6/30/43 Quantity	Tonnage	
<u>EXPLOSIVES (Cont'd)</u>							
Engineers Non-Electric Blasting Caps	15,605,000	94	1,935,000	12	12,225,000	83	
Total		32,743		3,569		12,064	
<u>SIGNAL EQUIPMENT</u>							
High Frequency Cables (Meters)	2,000	1	2,000	1	-	-	
Flashlights w/Spare Lamps and Lenses	100,000	79	55,000	43	45,000	36	
Microphones T-17 w/Accessories and Spares	30,000	20	12,000	8	18,000	12	
Microphones, Throat Type	40,000	22	-	-	39,100	22	
Mountings, Form Plate Square	13,315	1	13,315	1	-	-	
Potentiometer	1,500	1	1,500	1	-	-	
Auxiliary & Spare Equipment	17,806	4	9,503	2	1,760	-	
Batteries BA-43	5,000	15	-	-	5,000	15	
Leaded, Insulated Cable (Ft.)	7,000	4	-	-	7,000	4	
Capacitors	17,745	1	1,200	-	16,543	1	
Carbonal Iron f/High Frequency Radio (L.T.)	3	4	-	-	3	4	

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Tab A4 - 4 of 9

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	As of 6/30/43 Tonnage	Subsequent to 6/30/43 Quantity	Subsequent to 6/30/43 Tonnage	
<u>SIGNAL EQUIPMENT (Cont'd)</u>							
Kits, Fighting Obstruction Pole	20	1	-	-	20	1	
Plants, Electric Gas Type BLA-6	100	6	-	-	100	6	
Spare Parts for SCR-299	5,975	6	50	-	4,999	5	
S/P and Equipment f/Radio Station 50 KW	24,070	243	2,800	26	1,235	42	
Telephone Trans. & Rec. f/Headsets	125,000	<u>12</u>	65,000	<u>6</u>	60,000	<u>6</u>	
Total		<u>420</u>		<u>38</u>		<u>154</u>	
<u>CHEMICAL WARFARE</u>							
Strontium Oxalate (Lbs.)	128,050	64	-	-	16,000	8	
White Phosphorus (Lbs.)	2,192,657	1,046	943,457	472	797,822	399	
Ethylene Chlorohydrin (Lbs.)	400,000	200	-	-	400,000	200	
Ammonium Bromide (Lbs.)	11,200	6	-	-	11,200	6	
Potassium Permanganate (Lbs.)	224,000	112	-	-	168,600	84	
Potassium Bromide (Lbs.)	78,400	39	-	-	78,400	39	
Pyrocatechin (Lbs.)	22,400	11	-	-	22,400	11	
Benzyl Chloride (Lbs.)	224,000	112	-	-	224,550	112	

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Tab A4 - 5 of 9

Item		War Department Offerings		Offerings Made Available				Remarks
		Quantity	Tonnage	As of 6/30/43 Quantity	Tonnage	Subsequent to 6/30/43 Quantity	Tonnage	
<u>CHEMICAL WARFARE (Cont'd)</u>								
Acetic Anhydride	(Lbs.)	80,640	40	-	-	80,640	40	
Metacresol	(Lbs.)	2,000	<u>1</u>	-	-	2,000	<u>1</u>	
Total			<u>1,631</u>		<u>472</u>		<u>900</u>	
<u>QUARTERMASTER - CLOTHING & EQUIPAGE</u>								
Leather Belts (a)	(Ea.)	1,451,231	363	101,291	25	1,067,500	267	
Leather Transmission Belting (a)	(Meters)	35,250	190	250	1	-	-	
Woolen Blankets	(Ea.)	743,591	1,461	734,510	1,443	5,661	11	Delivery of balance not anticipated.
Rubber Boots	(Pr.)	8,000	1	-	-	-	-	
Ski Boots & Ski Bindings	(Pr.)	166,238	831	66,238	331	99,947	500	
Buckles, Hooks & Eyes	(Dox.)	6,941,833	10	2,102,240	3	6,776,803	10	
Twill	(Yd.)	1,170	-	-	-	-	-	Delivery of balance not anticipated.
Twill in Khaki	(Yd.)	13,575,064	3,557	8,931,065	2,302	5,735,046	1,629	

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

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Tab A4 - 6 of 9

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43	Quantity	Tonnage	Subsequent to 6/30/43	
						Quantity	Tonnage
<u>QUARTERMASTER - CLOTHING & EQUIPAGE (Cont'd)</u>							
Canton Flannel	(Yd.)	2,347,837	3,076	2,111,961	2,717	247,138	324
Flannelette	(Yd.)	13,628,525	1,869	11,834,315	1,638	1,689,171*	221* *Revised. Delivery of balance not anticipated.
Muslin, Bleached	(Yd.)	11,616,343	1,882	9,596,274	1,555	1,947,453	321
Muslin, Unbleached	(Yd.)	5,963,557	966	5,511,669	893	992,858	164
Sheetings	(Yd.)	9,774,853	1,824	6,056,447	1,130	3,450,588*	656* *Revised
Ticking	(Yd.)	9,809,615	2,891	6,864,406	2,022	2,239,000	672
Pillow Ticking	(Sq. Yd.)	2,000,000	589	437,373	129	1,524,556	457
Toweling	(Yd.)	11,132,464	3,007	10,806,648	2,919	303,202	82
Oilekin Material	(Yd.)	1,000,000	393	124,041	49	887,664	355
Shoe Eyelets	(Gross)	4,367,667	2,358	1,246,833	674	3,000,000	1,650
Rubber Heels	(Pr.)	701,594	379	298,406	162	701,444	386
Leather Jackets	(Ea.)	73,850	428	48,200	279	25,650	151
Arctic Suits	(Ea.)	136,235	823	36,235	219	85,607	526
Work Suits	(Ea.)	300,000	471	188,801	297	103,210*	165* *Revised
Cotton Underwear	(Pr.)	2,000,000	1,100	1,499,887	772	559,886*	431* *Revised

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Tab A4 - 7 of 9

Item	War Department Offerings		Offerings Made Available					Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	Tonnage	Subsequent to 6/30/43 Quantity	Tonnage	Tonnage	
<u>QUARTERMASTER - CLOTHING & EQUIPAGE (Cont'd)</u>								
Alpaca Cloth (Yd.)	834,539	1,160	334,539	460	500,093	700		
Blue Denim (Yd.)	5,887,735	1,562	5,881,327	1,560	6,408	2		
Duck Cloth (Yd.)	2,695	390	2,695	390	222	33		
Lining Cloth (Yd.)	10,879	2	10,858	2	-	-		
Grayfall Moleskin (Yd.)	2,209,885	716	2,209,885	716	-	-		
Carrier Outfit, Belt w/Mag. Case	250,000	110	55,458	24	194,297	87		
Hypoid Gear Oil (L.T.)	243	268	243	268	-	-		
Hypoid Gear Oil (Drums)	9,543	516	-	-	9,680	523		
Tuebrack's Extract (L.T.)	14	16	-	-	14	16		
Shoe Tacks (L.T.)	226	252	26	29	171	204		
Sewing Thread (Spools)	47,160,000	1,085	731,100	16	20,949,928*	508* *Revised		
Shoe Thread (L.T.)	256	263	24	26	170	191		
Shoe Yarn (L.T.)	200	220	13	14	188	211		
Electrolyte (Lbs.)	164,035	81	164,035	81	-	-		
Alcohol (Lbs.)	447,024	219	447,024	219	-	-		

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Tab A4 - 8 of 9

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	Subsequent to 6/30/43 Tonnage	Quantity	Tonnage	
<u>QUARTERMASTER -CLOTHING & EQUIPAGE (Cont'd)</u>							
Brake Fluid (Lbs.)	28,934	14	28,934	14	-	-	
Typewriters (Ea.)	51	1	51	1	-	-	
Clippers, Hand (Pr.)	50,000	15	-	-	50,000	15	
Cloth, Worsted, Covert O.D. (Yds.)	979,412	460	20,588	10	990,010	465	
Coverings, Treated Duck (Pauline)	8,442	1,119	1,558	206	2,842	327	
Shoes, Service (b) (Pr.)	700,000	1,855	-	-	-	-	
Shoes, Women's Low Service (b) (Pr.)	100,000	<u>151</u>	-	-	50,078	<u>76</u>	
Total		<u>38,944</u>		<u>23,596</u>		<u>12,336</u>	

ENGINEERS

Horizontal Triplex Pumps	2	125	2	125	-	-
Gar Wood Scrapers	40	410	40	410	-	-
Graders	12	81	12	81	-	-
Gar Wood Trailbuilders	9	29	-	-	9	29

(b) 1,453 tons of leather for shoes, service and 53 tons for shoes, women's low service have been charged against the Protocol Commitment of 18,000 tons of leather on Tab A1.

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Tab A4 - 9 of 9

Item	War Department Offerings		Offerings Made Available				Remarks
	Quantity	Tonnage	As of 6/30/43 Quantity	Tonnage	Subsequent to 6/30/43 Quantity	Tonnage	
<u>ENGINEERS (Cont'd)</u>							
Earth Drills & Pole Setting Machine	22	371	-	-	22	371	
Road Rollers	6	40	-	-	6	40	
Sidebooms	16	119	-	-	16	119	
Cranes	28	277	-	-	28	277	
Outboard Motors	170	17	70	6	100	11	
Metallic Mirrors f/60" Searchlight	150	37	-	-	150	37	
Leather Driving Belts	10,000	6	10,000	6	-	-	
Fibre and Fibre Tube	39	51	39	51	-	-	
Fire Hose (Ft.)	180,000	<u>176</u>	180,000	<u>176</u>	-	-	
Total		<u>1,739</u>		<u>855</u>		<u>884</u>	
GRAND TOTAL		75,477		28,580		26,338	

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SUMMARY OF TABULATION "B"

The attached tabulation reflects the status of factory deliveries and export of aircraft on the Third Russian Protocol. The total Protocol commitment at the end of ten months has been more than met by delivery at the factory.

Deliveries of planes for the United Kingdom Protocol commitment are also shown.

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STATUS OF AIRCRAFT ON THE THIRD RUSSIAN PROTOCOL
AS OF 30 APRIL 1944

<u>Type</u>	<u>Protocol Requirement to Date</u>	<u>Available at Factory</u>	<u>Departed from U.S.A.</u>				<u>Still in U.S.A.</u>
			<u>By Air</u>	<u>By Water</u>	<u>Persian Gulf</u>	<u>Murmansk</u>	
<u>U. S. Account</u>							
Medium Bombers E-25	250	275	248				27 (a)
Light Bombers A-20	1,005	1,106	631	345			130 (b)
Fighters P-40	750	770			440	300	30 (c)
P-39	(1,100	1,138	520		550		68 (c)
P-63	(	3				3	
P-47	153	103	3		93	3	4 (c)
Transports C-47	200	220	218				2 (d)
Total U. S. Account	<u>3,458</u>	<u>3,615</u>	<u>1,620</u>	<u>345</u>	<u>1,083</u>	<u>306</u>	<u>261</u>

U. K. Account

Fighters	P-39	1,500	1,458	1,076	335		47 (c)
----------	------	-------	-------	-------	-----	--	--------

- (a) Enroute to or at point of departure.
- (b) 120 are at or enroute to point of departure, 10 are washouts.
- (c) Of the 149 Fighters still in the U.S.A., 131 are at or enroute to point of departure, 1 is damaged and 17 are washouts.
- (d) 1 is at point of departure and 1 is a washout.

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SUMMARY OF TABULATION "C"

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

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STATUS OF PROJECTS IN PERSIAN AREA AS OF 22 APRIL 1944

	<u>Number Received in Persian Gulf to Date</u>	<u>Number Delivered to U.S.S.R. to Date</u>
Trucks	101,859	99,825
Airplanes:		
A-20	1,312	1,273
B-25	124	124
P-40	896	868
P-39	1,660	1,589
AT-6	21	21
P-47	<u>5</u>	<u>1</u>
Total	4,018	3,876

	<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 March to 22 April 1944.	98,095	16,293	37,211	15,420	167,019

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FOREIGN ECONOMIC ADMINISTRATION

WASHINGTON 25, D. C.

May 10, 1944

M E M O R A N D U M

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

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

The regular monthly statistical report on the entire program for the period ended April 30, 1944, will follow in due course as soon as the information has been gathered and correlated.

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

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May 10, 1944

THE SOVIET SUPPLY PROGRAM

I. SHIPPING

April exports registered a sharp improvement over those for March. A total of 427,000 long tons cleared from United States and Canadian ports as compared with 366,000 long tons in the previous month. While this reflects improved conditions on the Pacific route and a larger program through the Persian Gulf, the total is far below the relatively high months of December and January. Discontinuance of convoys to North Russia and delays on the Pacific route account for the reduction.

May shipping plans call for a further increase in the monthly tonnage to 441,000 long tons. This increase is anticipated from improvement in the Pacific route which is scheduled to carry 205,000 long tons of cargo. The route will have been restored to the level of last November, but will still be short of the record months of the summer and early fall of 1943. The Persian Gulf route is being maintained at the normal rate of allocation, but clearances during May will be higher than usual, because of early scheduling of ships allocated for June. No vessels are planned for the northern convoy route.

Three losses occurred in April. Two vessels were damaged in the Mediterranean. One of them succeeded in reaching a beach near Tobruk. It may be possible to salvage some of the cargo. The other was a total loss. A Soviet vessel sank on the Pacific after an explosion and was a total loss.

With April shipments the shipping requirement of the Protocol of 5,100,000 short tons for the Protocol year has been exceeded. The program continues, however, in accordance with the policy of keeping the routes full, as stated in your directive of February 14, 1944.

II. THE CHARACTER OF THE CARGO

Food from the United States was reduced from 35% of the cargo in March to 23% of the cargo lifted in April. This reduction was offset, however, by a heavy shipment of grain from Canada,

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State Dept. Letter, 1-11-73
By J. Schauble Date FEB 1972

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totalling over 50,000 long tons. Chemicals were increased by virtue of larger shipments of explosives, and metals were slightly increased. Trucks constituted 14% of the total cargo lifted, which continues them at the same relative level as last month. Industrial equipment continued at a low level.

A notable feature of April loadings was that shipment of cargo of Canadian and British origin from North America constituted 13% of all cargo shipped. This compares with a monthly average of only 4% during the preceding Third Protocol Period.

III. AIRPLANES

Aircraft departures continued at a rate almost equal to the previous month's record. 609 planes left North America. Of this number, 396 departed for United States account and 213 for the account of the United Kingdom.

Of the 609 planes delivered during the month, 362 flew from Fairbanks over the Alaskan-Siberian ferry route, 56 light bombers were ferried from Miami to Abadan and 191 were shipped by water to the Persian Gulf for assembly at Abadan.

Both ferry routes are in good condition. No backlogs beyond the working level now exist.

IV. FOURTH PROTOCOL

Requirements were received during April for the Fourth Protocol. They have been distributed to the various agencies concerned and are being studied. Due to the fact that many items were described in general terms, consultation is proceeding with Soviet experts to determine specifications so that offerings may be made with accuracy.

The program requested is quite similar in total tonnage to the requests of last year, being something over 7,000,000 long tons. A request for over \$1,000,000,000 worth of industrial equipment emphasizes the trend in the direction of industrial projects.

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

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Due to the fact that requirements were received a month later than last year, the preparation of the offering to the U.S.S.R. will probably not be completed by the first of June, as has previously been the case. Every effort, however, is being made to speed preparation.

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

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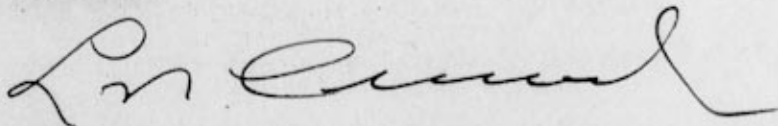
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State Dept. Letter, 1-11-72
By J. Schauble Date FEB 2 1972

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

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Serial 0172312

75/15/44
THE SECRETARY OF THE NAVY
WASHINGTON

~~CONFIDENTIAL~~
Lend Lease
10 MAY 1944

file
Dear Mr. President:

In accordance with your memorandum of 2 October 1942, there is enclosed herewith a report as of 1 May 1944, showing the progress made by the Navy Department in supplying material to the Soviet Government under the Second Protocol covering the period 1 July 1942 to 30 September 1943.

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

- (a) Items under the provisions of the Third Protocol
- (b) Non-protocol items

Respectfully submitted,

James Forrestal

JAMES FORRESTAL

Acting

x18

The President
The White House

x 4193
x 220

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DDO DIR. 5200.9 (9/27/88)

Date- JAN 25 1972

Signature- RHP

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

ITEM	AMOUNT REQUESTED	DELIVERED PRIOR TO 1 JULY 1942	DELIVERED BETWEEN JULY 1942 APRIL 1944	DELIVERY SCHEDULE FOR MAY 1944	DELIVERY SCHEDULE FOR JUNE 1944	DELIVERY SCHEDULE FOR JULY 1944	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
MARINE DIESEL ENGINES (170-1100 H.P)	248	0	218	30	0	0	0	
MARINE DIESEL GENERATORS	1,310	2	848	230	230	0	0	

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

ITEM	AMOUNT REQUESTED	DELIVERED	DELIVERY SCHEDULE FOR MAY 1944	DELIVERY SCHEDULE FOR JUNE 1944	DELIVERY SCHEDULE FOR JULY 1944	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
SCRIPPS ENGINES	66	0	8	24	24	10	August 1944
RADIO BEACONS	5	0	0	0	0	5	Unscheduled
MARINE DIESEL ENGINES (1100-1600 H.P.)	50	0	0	0	0	50	Indefinite
MARINE DIESEL ENGINES (170-1100 H. P.)	274	59	44	49	52	70	Aug. - Sept. 1944
MARINE DIESEL ENGINES (30-100 H.P.)	273	223	50	0	0	0	
MARINE DIESEL GENERATORS	784	179	21	129	114	341	Unscheduled
MARINE PUMPS	599	253	185	161	0	0	
SHORE RADIO STATIONS	3	PARTIAL	PARTIAL	PARTIAL	PARTIAL	PARTIAL	Aug. -Sept. 1944
3"/50 D.P. EQUIPMENTS	200	161	39	0	0	0	
3"/50 CALIBER LOADING MACHINES, Mk 7 Mod 1	66	54	12	0	0	0	
20 MM AA GUNS COMPLETE	500	318	0	100	82	0	
ROUNDS 20 MM AA AMMUNITION	2,500,000	1,090,620	100,000	100,000	100,000	1,109,380	Unscheduled
50 CALIBER TWIN MOUNTS	900	100	150	150	150	350	Unscheduled
50 CALIBER AA MACHINE GUNS	1,800	200	300	300	300	700	Unscheduled
3"/50 AMMUNITION	200,320	155,697	0	0	0	44,623	Unscheduled
PETROLEUM PRODUCTS (SHORT TONS)	590,689	158,293	80,000	80,000	80,000	192,396	Aug. - Sept. 1944

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

ITEM	AMOUNT REQUESTED	DELIVERED PRIOR TO 1 JULY '42	DELIVERED BETWEEN JULY 1942 APRIL 1944	DELIVERY SCHEDULE FOR MAY 1944	DELIVERY SCHEDULE FOR JUNE 1944	DELIVERY SCHEDULE FOR JULY 1944	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
MARINE DIESEL ENGINES (75-170 H.P.)	947	0	299	65	20	20	543	Unscheduled
MARINE DIESEL ENGINES (BELOW 75 H.P.)	572	0	117	25	25	25	380	Unscheduled
MARINE GASOLINE ENGINES	2,432	0	1,498	160	120	50	604	Unscheduled
MARINE PUMPS	451	0	0	0	0	0	451	Unscheduled
RADIO RECEIVERS	428	0	103	0	0	0	325	Unscheduled
STORAGE BATTERIES FOR SUBMARINES	10	0	7	0	0	1	2	August 1944
KNOCKED DOWN MOTOR TORPEDO BOATS	100	0	0	0	20	20	60	Aug-Sept. 1944
WOODEN SUBMARINE CHASERS	108	0	85	3	4	0	16	Aug-Sept. 1944
WOODEN MOTOR TORPEDO BOATS	58	0	48	10	0	0	0	
TWIN SCREW TUG BOATS	15	0	0	0	2	2	11	Aug-Dec. 1944
OUTBOARD MOTORS	1,100	0	1,100	0	0	0	0	
DIVING STATIONS	83	0	83	0	0	0	0	
FORGINGS FOR PROPELLER SHAFTS AND COUPLINGS	3	0	2	1	0	0	0	
AIR VALVES	194	0	194	0	0	0	0	
CENTRIFUGAL FANS	47	0	0	0	0	0	47	August 1944
DIVING COMPRESSORS	3	0	0	0	0	3	0	
POTASSIUM TETRAOXIDE	1,120,000 lbs.	0	834,110	30,000	30,000	30,000	195,890	Unscheduled
ELECTRIC MOTORS	737	0	0	20	12	60	645	Unscheduled
RADIO BEACONS	10	0	0	0	0	0	10	Unscheduled
AIR COMPRESSORS	63	0	33	30	0	0	0	
TOWING WINCHES	30	0	20	2	4	4	0	
ELECTRICAL TACHOMETERS	279	201	0	0	0	0	78	Unscheduled
ELECTRIC ARC OXYGEN APPARATUS	60	0	PARTIAL	COMPLETE	0	0	0	
DIESEL ELECTRIC DRIVE SETS	6	0	0	1	1	1	3	Unscheduled
MARINE TELEPHONES	12	0	12	0	0	0	0	
GYROCOMPASS	1	0	0	1	0	0	0	
FEEDWATER REGULATORS	20	0	20	0	0	0	0	
ROUNDS 20 MM AA AMMUNITION	8,000,000	0	8,000,000	0	0	0	0	
5"/39 CALIBER SINGLE LOADING MACHINE MK 14 Mod 4 AND SPARE PARTS	64	0	62	0	0	0	0	

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

ITEM	AMOUNT REQUESTED	DELIVERED PRIOR TO 1 JULY 1942	DELIVERED BETWEEN JULY 1942 APRIL 1944	DELIVERY SCHEDULE FOR MAY 1944	DELIVERY SCHEDULE FOR JUNE 1944	DELIVERY SCHEDULE FOR JULY 1944	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
3"/50 CALIBER LOADING MACHINES, MK 7, Mod. 1	100	0	81	19	0	0	0	
3"/50 AMMUNITION	300,000	0	300,000	0	0	0	0	
TORPEDO TUBE TESTING SETS MK 2	5	0	0	0	0	5	0	
SERVICE AMMUNITION FOR PROJECTOR, MK 10	10,000	0	5,000	5,000	0	0	0	
SERVICE AMMUNITION FOR PROJECTOR, MK 20	5,000	0	2,500	2,500	0	0	0	
5"/38 AMMUNITION	66,000	0	0	11,200	21,200	21,200	12,400	August 1944
AIR TANKS. (TORPEDO) ROUGH MACHINED	1,000	0	0	0	0	25	975	Unscheduled
HYDROSTATIC COMPARTMENT CASINGS, ROUGH (TORPEDO) MACHINED	50	0	0	0	0	50	0	
AIR TANK BOTTOMS (TORPEDO) BULKHEADS)	1,400	0	0	0	0	100	1,300	Unscheduled
WATER COMPARTMENT BOTTOMS (BULKHEADS) (TORPEDO)	1,000	0	0	0	0	0	1,000	Unscheduled

WAR SHIPPING ADMINISTRATION
WASHINGTON

ADMINISTRATOR

May 11, 1944

MEMORANDUM FOR THE PRESIDENT

I

As forecast in our last report shipments to Russia in April, 1944 increased moderately to 425,724 long tons, of which 407,347 long tons were cleared in ocean shipping and 18,377 long tons moved from the Abadan refinery. The April tonnage may be compared with a revised total figure of 368,903 long tons for March. The monthly Protocol target was thus exceeded by 46,260 long tons. This favorable showing was caused entirely by heavy sailings to the Persian Gulf, since the Pacific operation remained in a depressed state.

The position was as follows on April 30 (long tons)

	April 1944	Third Protocol Shipments to April 30	May Forecast	June Forecast	Estimated Third Proto- col Shipments through June 30
<u>Murmansk and White Sea</u>					
Dry cargo ships ex USA	0	821,393	0	0	821,393
Tankers ex USA	0	28,259	0	0	28,259
Tankers ex UK on US acc't	0	34,203	0	0	34,203
Total	0	883,855	0	0	883,855
<u>Persian Gulf</u>					
Dry cargo ships ex USA	273,277	1,796,296	254,000	160,000	2,210,296
Petroleum ex Abadan	18,377	112,396	20,000	25,000	157,396
Total	291,654	1,908,692	274,000	185,000	2,367,692
<u>Soviet Far East</u>					
Dry cargo ships ex USA	59,951	1,413,234	130,000	170,000	1,713,234
Dry cargo ships ex Canada	55,427	226,830	34,000	40,000	300,830
Tankers ex USA	18,692	349,640	76,000	30,000	455,640
Total	134,070	1,989,704	240,000	240,000	2,469,704
Grand Total	425,724	4,782,251	514,000	425,000	5,721,251
Per cent of Target	112	126	136	112	126

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Notwithstanding the slack period during February and March Protocol shipments thus stood on April 30 at 126 per cent of the ten months' target. At that time the complete minimum commitment of the United States with respect to shipping had been met and exceeded by about 228,000 long tons.

Sailings during the last two months of the Protocol are also expected to be heavy. Therefore it now appears probable that the Protocol will be exceeded by about 1,168,000 long tons, or 26 per cent. The surplus will therefore offset the deficit of approximately 1,095,000 long tons under the Second Protocol.

II

Convoy JW-58 arrived at Murmansk on April 4, and therewith outbound operations on this route ceased. Their resumption depends largely on the availability of escorts.

The discharging operations in the northern U.S.S.R. ports improved still further while this convoy was in port. Despite the presence of ice in the White Sea it fortunately proved to be possible to continue to use the White Sea ports, at which 13 American and five British ships from this convoy discharged. Nevertheless all of the ports were heavily strained. Ambassador Harriman, who visited the northern ports at this time, reported, however, that the Russians were employing civilian and military labor on a three-shift basis permitting of continuous discharge, that the docks were quickly cleared, and that the cargo was carefully handled. It may be concluded that the Russians were successful in restoring in large measure the efficiency of the ports.

The last homeward convoy, RA-59, sailed from Kola Inlet on April 28, 24 days after the arrival of JW-58. It contained 44 ships of which 37 were American. The enemy succeeded in sinking one ship on April 30 to the S.S.W. of Bear Island - the William S. Thayer. Because of the large number of ships, the short time allowed, and the shortage of outward cargo this convoy carried negligible tonnage homeward. It arrived in the United Kingdom on May 6.

Two American ships were left behind. At the Russians' request they are being employed in local operations supplying the Red Navy base at Iokanka. They are expected to be withdrawn in late June.

There have been five northern convoys during the past season. The composite record is as follows:

W.S.A. dry cargo ships loaded in U.S. and U.K.	120
B.M.W.T.-controlled tankers loaded in U.S. and U.K.	
on U.S. account	7
W.S.A. dry cargo ships loaded on U.S. Army account	5
Total number of ships sailed	132
Ships sunk outbound	2
Ships diverted to Persian Gulf in U.K.	2
Ships arrived in U.S.S.R.	128
Ships sunk homeward bound	1
Ships delivered to U.S.S.R. Navy	2
Ships remaining in U.S.S.R. temporarily	2
Ships withdrawn from U.S.S.R.	123

It may be concluded from this record that the operations on the northern route were an unqualified success. Great credit is due to the men who have loaded, sailed, and convoyed these ships under the trying conditions which have prevailed.

III

The shipments to the Persian Gulf in April, including Abadan petroleum movements, reached the high figure of 291,654 long tons, compared with the abnormally low one of 167,530^{1/} long tons in March. 35 Soviet-Aid ships sailed from the United States, carrying 273,277 long tons of U.S.S.R. cargo, and in addition 4,629 long tons for the Bahrain and Saudi-Arabia oil refinery projects. (Exhibit A) This heavy movement was due to a number of fortuitous and temporary circumstances, chief among which were an advance in allocations against later months' quotas, slippages from March, and the sailing of three ships originally intended for North Russia.

For somewhat similar reasons the May performance is also expected to be high, with 33 Soviet-Aid and two P.G.S.C. sailings forecast. (Exhibit B)

Enemy activity against the Russian supply line in the Mediterranean became more pronounced in April. Two Soviet-Aid ships, the Meyer London and Thomas G. Masaryk, were torpedoed off Derna, Libya, on April 16. The former sank, but the latter was beached, and the ship and some of the cargo may be saved. The P.G.S.C. ship Stephen F. Austin was also torpedoed off Algiers on April 20, but was successfully towed to that port. During the past six months casualties to Soviet-Aid and P.G.S.C. ships on the Mediterranean route have exceeded those on the northern route.

Because of the diversion of Persian Gulf allocations to the last northern convoy, as mentioned in previous reports, discharge in the

^{1/} Revised figures

Persian Gulf was at a low level in April. Russian cargo discharged amounted to but 74,000 tons. Vessels are, however, again arriving in the Gulf in considerable numbers, and June and July should see the route utilized to its maximum capacity.

IV

The expected seasonal upsurge in Pacific operations has already begun, but because of the late arrival of many Soviet-Aid ships in American waters the activity was not fully reflected in April sailings, which amounted to but 25 ships carrying 134,070 long tons. (Exhibit C)

As previously mentioned, ice conditions in the Okhotsk Sea and Strait of La Perouse were very severe this winter, and despite several attempts Soviet vessels did not succeed in passing through the area in large numbers until late March and early April. A very large portion of the Soviet Pacific merchant fleet is, however, now en route to this country to load. Some of the ships will require repairs, but others are coming out of repair. Therefore intense activity is expected soon in the ports of the Northwest. Sailings in May and June are forecast at the high figure of 240,000 long tons for each month.

Under the terms of the ship replacement agreement mentioned in our March report, three new Liberty ships were delivered under Lend-Lease terms to the U.S.S.R. in April for operation on the Pacific. (Exhibit D) In addition two tankers, also intended for operation on the Pacific, were delivered at New York. The tanker Daylight, which was previously reported as having been nominated for this purpose, was withdrawn. Three more

Liberty ships are to be made available in May.

In addition, two Liberty ships are to be delivered to the U.S.S.R. in June or July under the terms of the so-called "cannery agreement."

Respectfully submitted

E S Land

E. S. Land
Administrator

*4772

Departures in 1942-43

1. U.S.S.	10,000	400,000	4,000	1/1	N.Y.
2. Robert Taylor	10,000	400,000	4,000	1/1	N.Y.
3. Willie Jones	10,000	400,000	4,000	1/1	N.Y.
4. Philip F. Barber	10,000	400,000	4,000	1/1	N.Y.
5. William Thomas	10,000	400,000	4,000	1/1	N.Y.
6. William Thomas	10,000	400,000	4,000	1/1	N.Y.
7. William Thomas	10,000	400,000	4,000	1/1	N.Y.
8. William Thomas	10,000	400,000	4,000	1/1	N.Y.
9. William Thomas	10,000	400,000	4,000	1/1	N.Y.
10. William Thomas	10,000	400,000	4,000	1/1	N.Y.
11. William Thomas	10,000	400,000	4,000	1/1	N.Y.
12. William Thomas	10,000	400,000	4,000	1/1	N.Y.

Notes: Also departing in 1942-43 were the U.S.S. Robert and Willie Jones, which sailed from their principal loading port, Baltimore, with cargoes of flour in March.

Departures in 1943-44

13. William Thomas	10,000	400,000	4,000	1/1	N.Y.
14. William Thomas	10,000	400,000	4,000	1/1	N.Y.
15. William Thomas	10,000	400,000	4,000	1/1	N.Y.
16. William Thomas	10,000	400,000	4,000	1/1	N.Y.
17. William Thomas	10,000	400,000	4,000	1/1	N.Y.
18. William Thomas	10,000	400,000	4,000	1/1	N.Y.
19. William Thomas	10,000	400,000	4,000	1/1	N.Y.
20. William Thomas	10,000	400,000	4,000	1/1	N.Y.
21. William Thomas	10,000	400,000	4,000	1/1	N.Y.
22. William Thomas	10,000	400,000	4,000	1/1	N.Y.

(Exhibit A)

PERSIAN GULF SAILINGS — APRIL, 1944

<u>Ship</u>	<u>D.W.T.</u>	<u>Cubic</u>	<u>U.S.S.R.</u> <u>Cargo Loaded</u>	<u>Sailed</u> <u>on</u>	<u>From</u>
SOVIET AID SHIPS					
<u>Departures in UGS-38</u>					
1. U.S.O.	10,500	500,245	6,902	4/1	N.Y.
2. Robert Battey	10,500	500,245	6,796	4/1	N.Y.
3. Willie Jones	10,500	500,245	6,712	4/1	N.Y.

Note: Also departing in UGS-38 were the Dorothy Luckenbach, Robert Ellis Lewis, and Robert Newell, which sailed from their loading ports in March.

<u>Departures in UGS-39</u>					
4. Phineas Banning	10,500	500,245	8,151	4/3	N.Y.
5. Walter L. Fleming	10,500	500,245	6,952	4/5	N.Y.
6. John Fitch	10,500	500,245	7,782	4/10	N.Y.
7. Phillip P. Barbour	10,500	500,245	8,582	4/9	Phila.
8. William Hawkins	10,500	500,245	8,040	4/7	Phila.
9. William Whipple	10,500	500,245	7,979	4/9	Phila.
10. Ralph Izard	10,500	480,000	8,227	4/8	Phila.
11. Rebecca Boone	10,500	500,245	8,316	4/11	N.Y.
12. Horace Bushnell*	10,500	500,245	7,286	4/10	N.Y.

Note: Also departing in UGS-39 were the Anna H. Branch and John Gibbon, which sailed from their principal loading port, Galveston, with cargoes of flour in March.

<u>Departures in UGS-40</u>					
13. Albino Perez	10,500	500,245	4,878	4/20	Phila.
14. William Patterson	10,500	480,000	8,413	4/20	Phila.
15. John F. Myers	10,500	500,245	8,460	4/20	Phila.
16. William H. Aspinwall	10,500	500,245	8,345	4/20	Phila.
17. James J. Pettigrew	10,500	500,245	7,996	4/20	Phila.
18. Clement Clay	10,500	500,245	7,978	4/20	N.Y.
19. Thomas Nuttall	10,500	500,245	8,244	4/20	N.Y.
20. Thomas L. Clingman	10,500	500,245	8,372	4/15	N.Y.
21. James M. Gillis*	10,500	500,245	7,545	4/21	N.Y.
22. Ben F. Dixon*	10,500	500,245	7,495	4/20	N.Y.

(Exhibit A continued)

PERSIAN GULF SAILINGS — APRIL, 1944

<u>Ship</u>	<u>D.W.T.</u>	<u>Cubic</u>	<u>U.S.S.R.</u> <u>Cargo Loaded</u>	<u>Sailed</u> <u>on</u>	<u>From</u>
SOVIET AID SHIPS (continued)					
<u>Departures in UGS-41</u>					
23. William W. Mayo	10,500	500,245	8,619	4/24	Phila.
24. Henry Bacon	10,500	500,245	7,680	4/28	Phila.
25. Charles Crocker	10,500	500,245	8,502	4/29	Phila.
26. Robert Howe ^{2/}	10,500	480,000	5,798	4/29	Phila.
27. Ole Bull	10,500	500,245	8,958	4/29	Phila.
28. Charles Scribner	10,500	500,245	8,455	4/29	Phila.
29. Albert C. Ritchie	10,500	500,245	8,146	4/30	N.Y.
30. William Coddington	10,500	500,245	7,786	4/30	N.Y.
31. Jacob Perkins	10,500	500,245	8,442	4/30	N.Y.
32. Nonsuco	9,112	501,570	7,166	4/30	N.Y.
33. Robert Luckenbach	11,146	577,000	8,409	4/18	Havana
<u>Departures in UGS-42</u>					
34. Isaac Van Zandt	10,500	500,245	8,018	4/24	Galveston
35. John Ireland	<u>10,500</u>	<u>500,245</u>	<u>7,847</u>	4/24	Houston
Grand Total	366,758	17,525,920	273,277		

Note: There were no P.G.S.C. sailings in April

*Diverted from Convoy JW-58

1/ Also carried 2,995 long tons of cargo for the Bahrain Petroleum Project

2/ Also carried 1,634 long tons of cargo for the Saudi Arabia Petroleum Project

(Exhibit B)

EXPECTED SAILINGS TO PERSIAN GULF — MAY, 1944

<u>Ship</u>	<u>D.W.T.</u>	<u>Cubic</u>	<u>Presentation Date</u>	<u>At</u>
SOVIET AID SHIPS				
<u>To Depart in UGS-41</u>				
1. Francisco Coronado	10,500	500,245	4/20	Phila.
<u>To Depart in UGS-42</u>				
2. Sverre Helmersen	10,500	500,245	4/25	N.Y.
3. James Duncan	10,500	480,000	4/25	Phila.
4. Charles Nordhoff	10,500	500,245	4/24	Phila.
5. Winfred L. Smith	10,500	500,245	4/28	Phila.
6. George Weems	10,500	500,245	4/26	Phila.
7. Homer Lea	10,500	500,245	4/24	Phila.
8. George Sharswood	10,500	480,000	4/29	Phila.
9. Hiram S. Maxim	10,500	500,245	4/19	N.Y.
10. Eli Whitney	10,500	500,245	4/22	N.Y.
11. David F. Houston	10,500	500,245	4/21	N.Y.
12. William Bradford	10,500	500,245	4/28	N.Y.
13. James B. Hickok	10,500	500,245	4/29	N.Y.
14. Winslow Homer	10,500	500,245	4/28	N.Y.
15. Stephen T. Mather	10,500	500,245	4/27	N.Y.
16. Keith Palmer	10,500	500,245	4/29	N.Y.
17. Arthur L. Perry*	10,500	500,245	4/18	N.Y.
<u>To Depart in UGS-43</u>				
18. Nelson Dingley	10,500	500,245	5/5	Phila.
19. John M. Harlan	10,500	500,245	5/8	Phila.
20. Renald Fernald	10,500	500,245	5/4	Phila.
21. Victor Herbert	10,500	500,245	5/5	Phila.
22. Ferdinand Westdahl	10,500	500,245	5/9	Phila.
23. Knute Nelson	10,500	500,245	5/4	Phila.
24. Nelson W. Aldrich	10,500	500,245	5/7	Phila.
25. James Gunn	10,500	500,245	5/3	N.Y.
26. Wiley Post	10,500	500,245	5/9	N.Y.
27. William J. Bryan	10,500	500,245	5/9	N.Y.
28. Mary Wilkins Freeman	10,500	500,245	5/9	N.Y.
29. J. L. Luckenbach	12,000	588,000	5/1	Havana
<u>To Depart in UGS-44</u>				
30. Charles M. Schwab	10,500	500,245	5/15	Phila.
31. Anthony Ravalli	10,500	500,245	5/15	Phila.
32. Edward R. Sill	10,500	500,245	5/14	Phila.
33. Henry Wilson	<u>10,500</u>	<u>500,245</u>	5/17	Phila.
Total	348,000	16,535,105		

(Exhibit B continued)

EXPECTED SAILINGS TO PERSIAN GULF — MAY, 1944

<u>Ship</u>	<u>D.W.T.</u>	<u>Cubic</u>	<u>Presentation Date</u>	<u>At</u>
P.G.S.C. SHIPS				
<u>To Depart in UGS-42</u>				
34. Robert Lucas	10,500	500,245	5/1	Charleston
<u>To Depart in UGS-43</u>				
35. Shickshinny	<u>7,678</u>	<u>344,000</u>		
Total	18,178	844,245		
GRAND TOTAL	366,178	17,379,350		

* Diverted from Convoy JW-58

(Exhibit C)

SAILINGS AND CARGO FOR THE SOVIET FAR EAST — APRIL, 1944

<u>Ship</u>	<u>Ex U.S. Ship</u>	<u>D.W.T.</u>	<u>Long Tons of Cargo</u>	<u>Date Sailed</u>
<u>Dry Cargo Ships</u>				
<u>From Columbia River</u>				
1. Briansk	West Cressy	8,500	6,441	4/10
2. Pavlin Vinogradov		4,662	3,646	4/14
3. Pinega		3,500	2,498	4/15
4. Krasnoarmeets		4,000	2,466	4/19
5. Turkmen		4,155	2,580	4/20
6. Svir		3,838	2,583	4/21
7. Elna II		4,600	3,763	4/22
8. Lozovski		4,800	3,352	4/28
9. Stepan Razin	Cass Gilbert	10,791	9,104	4/28
Total		48,846	36,433	
<u>From Puget Sound</u>				
10. Osmussaar		3,709	2,794	4/8
11. Krasny Octyabar		5,430	3,847	4/10
12. Shelon		3,680	2,229	4/14
13. Balkhash	Manoa	8,350	6,101	4/17
Total		21,169	14,971	
<u>From San Francisco</u>				
14. Ola		2,400	1,273	4/16
15. Fabricius		9,400	7,274	4/30
Total		11,800	8,547	
<u>From Vancouver</u>				
16. Sevastopol	DeWitt Clinton	10,791	9,304	4/2
17. Sovetskaya Gavan	S. A. Worcester	10,791	9,187	4/5
18. Vostok		8,712	6,895	4/6
19. Polina Osipenko		5,100	3,840	4/9
20. Alexander Suvorov	Elijah P. Lovejoy	10,791	9,282	4/13
21. Desna	West Comargo	8,534	7,408	4/20
22. Kolkhoznik	Charles Wilkes	10,791	9,511	4/27
Total		65,510	55,427	
Total, Dry Cargo		147,325	115,378	

(Exhibit C continued)

SAILINGS AND CARGO FOR THE SOVIET FAR EAST — APRIL, 1944

<u>Ship</u>	<u>Ex U.S. Ship</u>	<u>D.W.T.</u>	<u>Long Tons of Cargo</u>	<u>Date Sailed</u>
<u>Tankers</u>				
<u>From San Francisco</u>				
23. Tanker No. 1		1,200	816	4/22
24. Tuapse	District of Columbia	<u>11,227</u>	<u>9,675</u>	4/26
Total		12,427	10,491	
<u>From Los Angeles</u>				
25. Varlaam Avanesov	Utacarbon	<u>10,949</u>	<u>8,201</u>	4/6
Total, Tankers		23,376	18,692	
GRAND TOTAL, ALL SHIPS		170,701	134,070	

(Exhibit D)

TRANSFER OF VESSELS TO U.S.S.R.

New Liberty Ships Transferred to the U.S.S.R. in April

<u>U.S.S.R. Name</u>	<u>Ex U.S. Name</u>	<u>D.W.T.</u>	<u>Date of Transfer</u>	<u>Place</u>
1. Sukhona II	George Coggeshall	10,791	Apr.15	Richmond, Cal.
2. Stalingrad II	Thomas F. Flaherty	10,791	Apr.19	Richmond, Cal.
3. Kamenets Podolsk II	Robert S. Abbott	<u>10,791</u>	Apr.20	Richmond, Cal.
		32,373		

Tankers Transferred to the U.S.S.R. in April

1. Donbass II	St. James	12,800	Apr.27	New York
2. Taganrog II	Cedar Creek	<u>16,765</u>	Apr.30	New York
		29,565		

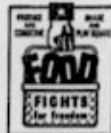
New Liberty Ships to be Transferred to the U.S.S.R. in May

1. Ingul II	Emmet D. Boyle	10,791	May 3	Richmond, Cal.
2. Rodina II	Henry J. Waters	10,791	May 8	Richmond, Cal.
3. Briansk II	William E. Ritter	<u>10,791</u>	May 9	Richmond, Cal.
		32,373		

75/24/44

WAR FOOD ADMINISTRATION

WASHINGTON



PSF

OFFICE OF THE ADMINISTRATOR

C. F. Lend Lease

THE WHITE HOUSE

May 22, 1944

MAY 22 12 24 PM '44

RECEIVED

The President
The White House

Dear Mr. President:

April deliveries of agricultural commodities to the USSR totaled approximately 99,000 net short tons, a decrease of 40,000 tons under deliveries in March. Although it had been expected that the April program would be slightly larger than the one for March, lack of shipping space made it impossible for the Russians to lift the commodities available. However, May clearances will in all probability compensate for the decline in April, for 182,000 tons have been requested for delivery in May.

The bulk of the April program consisted of the following commodities and quantities: 31,000 tons of wheat, flour and cereals; 22,000 tons of sugar; 19,000 tons of canned meat; and 15,000 tons of animal fats and cured meat. That priority is currently being given to animal fats and meats is demonstrated in the increase of April deliveries of animal fats, cured meat, and canned meat over March in spite of the decrease in total April deliveries.

During the first ten months of the Third Protocol approximately 1,500,000 net short tons of agricultural commodities, or seventy-five per cent of the Protocol, have been delivered. It seems doubtful that sufficient shipping space will be available in May and June to take care of the 500,000 ton balance.

Respectfully,

Harmon Jones

Administrator

x1-7/7

x4193
x220

Attachment

SHIPMENT OF AGRICULTURAL COMMODITIES
TO THE U.S.S.R.
December 1941 to April 29, 1944
(Net Short Tons)

Office of Distribution
Finance Division
Commodity Accountant
May 10, 1944

Table I

Commodity	3rd Protocol		DELIVERIES		Requested		3rd Protocol 7/1/43-4/29/44		3rd Protocol		2nd Protocol	
	Requirements	By Month	April 1944	March 1944	For	Cumulative	Cumulative	Total	Deliveries	Requirements	7/1/42-6/30/43	
Wheat, Flour, Cereal, Etc.	41,667		31,184	47,004	13,777	416,665	450,355.54	500,000	345,438			
Sugar	28,067		22,041	34,416	45,390	280,666	238,559	336,800	114,171			
Canned Meat	28,000		18,702	14,831	44,677	280,000	226,165	336,000	188,878.60			
Butter	3,267		-	-	-	32,666	39,529	39,200	7,278			
Carter's Spread	1,120		2,709	999	1,680	11,200	5,190	13,440	-			
Animal Fats and Cured Meat	24,547		15,251	10,171	30,260	245,466	206,772	294,560	130,457			
Vegetable Oil	18,583		3,179	14,496	34,483	185,833	169,310	223,000	103,668			
Dried Milk	2,716		45	50	2,632	27,162	29,797	32,594	16,206			
Cheese	1,400		-	20	818	14,000	14,716	16,800	4,459			
Canned Milk	597		-	-	1,120	5,975	5,829	7,170	5,821			
Dried Eggs	3,238		2,582	4,343	5,123	32,385	33,310	38,862	22,286			
Dehy. & Conc. Soups, Veg. & Cereals, Incl. Soya	1,840		63	115	741	18,395	15,127.69	22,074	1,738			
Concentrated Juices	131		-	-	6	1,312	1,341.40	1,574	698			
Veg. Pulps, Pastes & Purees	474		120	-	27	4,742	3,084	5,690	195			
Soya Flour and Grits	7,470		2,119	9,204	377	74,698	53,464	89,638	2,841			
Soap	933		-	-	-	9,333	1,201.12	11,200	4,938			
Other Agricultural Commodities	2,500		568.50	3,454	997	25,000	24,793.16	30,000	22,262.31			
TOTAL	166,550		98,563.50	139,103	182,108	1,665,498	1,518,543.91	1,998,602	971,334.91			

REGRADED
UNCLASSIFIED

STATUS OF U.S.S.R. PROGRAM

As of April 29, 1944
(Net Short Tons)

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

Table 2

COMMODITY	CLEARANCES							
	Cumulative	Cumulative	July 1, '42	July 1, '43	Jan. 1, '44		Cumulative	
	Action	to	to	to	to	April, 1944	to	
	Requisitions	June 30, '42	June 30, '43	Dec. 31, '43	March 31, '44		April 29, '44	
<u>WHEAT, FLOUR, CEREAL, ETC.</u>								
Wheat	154,560	29,298	-	6,230	19,914	320	55,762	
Cracked Wheat	12,764	1,121	9,885	45.15	-	-	11,051.15	
Rye Flour	44,280	41	11,618	7,743	1,080	400	20,882	
Wheat Flour	663,625	60,303	168,797	116,202	133,088	29,855	508,245	
Barley, Pearl	2,900	-	2,797	3,073	-	-	5,870	
Rice	88,119	-	22,667	21,251	675	-	44,593	
Senolina	34,477	1,049	14,715	4,294	2,243	-	22,301	
Barley, Cereal, Roasted	990	40	150	-	-	-	190	
Buckwheat Cereal	1,699	8	127	90.25	-	-	225.25	
Oat Cereal	38,016	2,352	14,852	4,568	601	-	22,373	
Cereals, Various	15,904	-	911	20.14	-	-	931.14	
Beans, Dried	249,334	13,499	90,887	59,117	22,582	479	186,564	
Peas, Dried	68,276	.10	8,032	2,794	13,561	130	24,517.10	
TOTAL	1,374,944	107,711.10	345,438	225,427.54	193,744	31,184	903,504.64	
<u>SUGAR</u>								
Sugar	489,692	85,127	113,262	93,686	73,286	10,463	375,824	
Tablet Sugar	73,731	-	909	33,827	15,719	11,578	62,033	
TOTAL	563,423	85,127	114,171	127,513	89,005	22,041	437,857	

REGRADED
UNCLASSIFIED

COMMODITY	CLEARANCES						
	Cumulative	Cumulative	July 1, '42	July 1, '43	Jan. 1, '44	April, 1944	Cumulative
	Action	to	to	to	to	to	to
	Requisitions	June 30, '42	June 30, '43	Dec. 31, '43	March 31, '44	1944	April 29, '44
<u>MEAT, CANNED</u>							
Meat, Canned	362,924	43,627	188,169	58,961	35,342	2,210	328,309
Tushonka /a	144,876	-	-	90,480	17,184	16,118	123,782
Beef, Dehydrated /b	21	-	.60	-	4.50	-	5.10
Pork, Dehydrated /b	10,472	-	709	4,424	1,067.50	374	6,574.50
TOTAL	518,293	43,627	188,878.60	153,865	53,598	18,702	458,670.60
<u>BUTTER</u>							
Butter, Salted	68,261	2,300	7,278	39,085	444	-	49,107
<u>CARTER'S SPREAD</u>							
Carter's Spread	13,440	-	-	-	2,481	2,709	5,190
<u>ANIMAL FATS AND CURED MEAT</u>							
Fat Oats	123,251	-	-	84,179	13,970	3,874	102,023
Lard and Rendered Fat /c	341,991	32,390	49,942	58,899	29,938	11,377	182,546
Cured Meat	117,585	8,898	80,515	4,069	466	-	93,948
TOTAL	582,827	41,288	130,457	147,147	44,374	15,251	378,517
<u>VEGETABLE OIL</u>							
Oleomargarine	48,160	-	4,936	24,764	7,510	1,405	38,615
Shortening	39,229	-	12,753	11,106	1,387	218	25,464
Vegetable Oil	378,499	18,575	85,979	91,033	30,331	1,556	227,474
TOTAL	465,888	18,575	103,668	126,903	39,228	3,179	291,553

COMMODITY	CLEARANCES						
	Cumulative	Cumulative	July 1, '42	July 1, '43	Jan. 1, '44	April,	Cumulative
	Action	to	to	to	to	1944	to
	Requisitions	June 30, '42	June 30, '43	Dec. 31, '43	March 31, '44		April 29, '44
<u>DRIED MILK</u>							
Skim Milk, Dry	51,594	-	15,545	18,729	3,640	45	37,959
Whole Milk, Dry	12,554	-	661	6,825	558	-	8,044
TOTAL	64,148	-	16,206	25,554	4,198	45	46,003
<u>CHEESE</u>							
Cheese	12,508	-	3,915	3,675	-	-	7,590
Processed Cheese	15,067	-	544	4,287	6,754	-	11,585
TOTAL	27,575	-	4,459	7,962	6,754	-	19,175
<u>CANNED MILK</u>							
Sweetened Condensed Milk	12,820	-	5,821	5,774	-	-	11,595
Evaporated Milk	120	-	-	55	-	-	55
TOTAL	12,940	-	5,821	5,829	-	-	11,650
<u>DRIED EGGS</u>							
Eggs, Dried	91,878	8,961	22,286	22,028	8,700	2,582	64,557
<u>DEHYDRATED AND CONCENTRATED SOUPS, VEGETABLES, CEREALS, INCL. SOYA</u>							
Dehydrated Soup	4,652	-	310	1,553	261	-	2,124
Dehydrated Vegetable Soup	2,456	-	-	890	-	-	890
Dry Soup Powder	4,145	-	25	3,318	518	-	3,861
Beets, Dehydrated	330	-	-	.03	41.50	-	41.53

COMMODITY	CLEARANCES						
	Cumulative	Cumulative	July 1, '42	July 1, '43	Jan. 1, '44	April, 1944	Cumulative
	Action	to	to	to	to	to	to
	Requisitions	June 30, '42	June 30, '43	Dec. 31, '43	March 31, '44	April, 1944	April 29, '44
<u>DEHYDRATED AND CONCENTRATED SOUPS, VEGETABLES, CEREALS, INCL. SOYA - (CONTINUED)</u>							
Cabbage, Dehydrated	573	-	-	106.03	-	-	103
Carrots, Dehydrated	3,639	-	40	106	927	-	1,073
Garlic, Dehydrated	1,061	-	19	393	60	-	472
Onions, Dehydrated	1,103	-	13	67	-	33	113
Potatoes, Irish, Dehydrated	3,152	-	97	1,166	-	-	1,263
Other Vegetables, Dehydrated	2,000	-	-	125.13	243	-	368.13
Onion Powder	421	-	55	92	88	-	235
Tomato Powder	336	-	20	-	-	30	50
Concentrated Cereal Food	8,285	-	1,159	4,690	526	-	6,375
TOTAL	32,153	-	1,738	12,400.19	2,664.50	63	16,865.69
<u>CONCENTRATED JUICES</u>							
Concentrated Grapefruit Juice	662	-	-	65	-	-	65
Concentrated Lemon Juice	1,465	-	130	412.40	-	-	542.40
Concentrated Orange Juice	2,443	-	568	864	-	-	1,432
TOTAL	4,570	-	698	1,341.40	-	-	2,039.40
<u>VEGETABLE PULPS, PASTES, & PUREES</u>							
Tomato Paste and Puree	7,145	-	195	1,686	1,278	120	3,279
<u>SOYA FLOUR AND GRITS</u>							
Soya Flour and Grits	117,638	-	2,841	25,241	25,104	2,119	56,305

COMMODITY	CLEARANCES						
	Cumulative	Cumulative	July 1, '42	July 1, '43	Jan. 1, '44		Cumulative
	Action	to	to	to	to	April, 1944	to
	Requisitions	June 30, '42	June 30, '43	Dec. 31, '43	March 31, '44		April 29, '44
SOAP							
Laundry Soap	21,863	-	4,190	1,028.12	66	-	5,284.12
Toilet Soap	12,629	-	365	107	-	-	472
Soap, Unspecified	-	-	383	-	-	-	383
Soap Stock	11,200	-	-	-	-	-	-
TOTAL	45,692	-	4,938	1,135.12	66	-	6,139.12
OTHER AGRICULTURAL COMMODITIES							
Acetic Acid	68	-	144	-	-	-	144
Alcohol	2	-	-	-	-	-	-
Almonds	422 #	-	-	468 #	-	-	468 #
Aneurin	25	-	15	7	-	14	36
Apples, Fresh	4	-	-	35	-	-	35
Army Ration - K	2,016	-	-	418	-	-	418
Ascorbic Acid (Vitamin C)	152	-	19.70	35.54	-	46	101.24
Ascorbic Acid Tablets	4.88 M/T	-	.50 M/T	-	-	-	.50 M/T
Baked Beans	175	-	145	19.13	-	-	164.13
Baking Soda	25	-	13.70	9.60	-	-	23.30
Banana Powder	56	-	-	-	-	-	-
Barley Fodder	21,361	1,393	2,275	3,147	-	-	6,815
Bean Seeds	1.20	-	-	-	-	-	-
Beef Extracts	269	-	112	-	-	-	112
Beef Sets, Dry	6	-	-	-	-	-	-
Carotene	808 BIU	-	343 BIU	146.90 BIU	81.24 BIU	-	571.14 BIU
Chicory	3	-	.20	3	-	-	3.20
Chocolate - Ration D	956	-	3	355	-	56	414
Citric Acid	1,417	85	430	446.18	140	-	1,101.18
Citric Extract	1	-	28	-	-	-	28
Cocoa	3	-	-	2.90	-	-	2.90
Coffee	50	-	-	20	-	-	20
Coffee Beans, Green	8,400	-	2,728	1,107	2,925	-	6,760

COMMODITY	CLEARANCES							
	Cumulative	Cumulative	July 1, '42	July 1, '43	Jan. 1, '44			Cumulative
	Action	to	to	to	to	April,		to
	Requisitions	June 30, '42	June 30, '43	Dec. 31, '43	March 31, '44	1944		April 29, '44
OTHER AGRICULTURAL COMMODITIES								
(CONTINUED)								
Coffee Substitute	23	-	-	1.60	-	-	-	1.60
Concentrated Foods	66	-	66	-	-	-	-	66
Cornstarch	426	-	366	26	-	-	-	392
Cucumber Pickles	66	-	-	67	-	-	-	67
Ergosterol	.84	-	-	-	440 #	309 #	-	749 #
Essential Oils	66	-	23	1.10	-	-	-	24.10
Fish, Pilchards	22	-	-	22	-	-	-	22
Salmons	327	-	-	122	-	-	-	122
Fish Liver Oil (Vitamin A)	50 T/U	-	-	-	2.39 T/U	4.56 T/U	-	6.95 T/U
Fish Liver Oil (Vitamin D)	1 T/U	-	-	-	-	-	-	-
Fruit, Canned	77	-	4	17	-	-	-	21
Fruit, Mixed, Dried	952	-	562	299.36	-	-	-	861.36
Fruit Extract	8	-	2	1.88	-	-	-	3.88
Fruit Syrup	1	-	.80	-	-	-	-	.80
Garlic, Fresh	34	-	2	35	-	-	-	37
Gelatin	3	-	.61	1.48	-	-	-	2.09
Grapefruits, Lemons, Oranges,								
Fresh	186	-	2	15	-	-	-	17
Hazel Nuts, Shelled	3,638	-	-	3,696	-	-	-	3,696
Hops	19	-	19	-	-	-	-	19
Kola Nuts	57	57	-	-	-	-	-	57
Linseed Oil, Drying	1,171	-	28	-	-	-	-	28
Macaroni	306	-	39	85	-	-	-	124
Millrun	342	-	475	-	-	-	-	475
Multi-Vitamin Tablets	630.10 M/T	-	-	-	-	-	-	-
Nicotinamide	74	-	-	-	-	-	-	-
Nicotinic Acid	47	-	-	7# 3	3	-	-	7# 6
Nutritional Yeast	102	-	-	-	34	19	-	53
Oat Fodder	6,567	150	1,772	134	-	-	-	2,056
Oil Cake	-	-	215	-	-	-	-	215
Onions, Fresh	172	-	-	26	-	-	-	26
Pineol	13	-	-	8	-	-	-	8
Pepper	22	-	6	270	11	-	-	287

COMMODITY	CLEARANCES						
	Cumulative	Cumulative	July 1, '42	July 1, '43	Jan. 1, '44	April, 1944	Cumulative
	Action	to	to	to	to		to
	Requisitions	June 30, '42	June 30, '43	Dec. 31, '43	March 31, '44		April 29, '44
OTHER AGRICULTURAL COMMODITIES							
(CONTINUED)							
Potatoes, Fresh	2,145	-	-	950	-	-	950
Riboflavin	705 #	-	32.2 #	22 #	25 #	10 #	89.2 #
Salt	24,156	-	1,506	320	-	-	1,826
Seed, Cryptostegia	15 #	-	15 #	-	-	-	15 #
Seeds, Field	18,594	-	6,955	25	20.50	181	7,156.75
Seeds, Guayula	.56	-	-	-	-	-	-
Seeds, Oil Bearing Plants	448	-	-	-	-	-	-
Seed, Tobacco	2	-	-	-	42 #	-	42 #
Seeds, Vegetable	5,485	73	2,170	628	7,134	250	10,255
Soups and Vegetables, Canned	1,770	-	965	566.21	-	-	1,531.21
Soya Sauce	4	-	4	-	-	-	4
Spices, Other /d	53	-	64	85.85	-	-	149.85
Stearin Candles	466	-	99	148.12	-	-	247.12
Tea	1,139	-	661	249	-	-	910
Vanilla	23	-	2 # .30	12 #	-	-	14 # .30
Vanillin	24	-	2 #	9.46	-	-	2 # 9.46
Vinegar	5,457	-	18	222	-	-	240
Vitamin "A"	25 M/M	-	12.62 M/M	13,844 M/M	-	-	26,464 M/M
Vitamin "D"	1 M/M	-	-	-	-	-	-
Walnuts, Shelled	3	-	3	-	-	-	3
Wheat Bags	-	-	-	-	-	2.50	2.50
Yeast, Dry	1,025	-	321	341.50	-	-	662.50
Yeast Tablets	67 M/T	-	7.19 M/T	15.61 M/T	-	75 M/T	87.80 M/T
TOTAL	110,572.60	1,758	22,262.31	13,957.16	10,267.50	568.50	48,813.47

COMMODITY	CLEARANCES							
	Cumulative	Cumulative	July 1, '42	July 1, '43	Jan. 1, '44		Cumulative	
	Action	to	to	to	to	April,	to	
	Requisitions	June 30, '42	June 30, '43	Dec. 31, '43	March 31, '44	1944	April 29, '44	
GRAND TOTAL	4,101,387.60	309,347.10	971,334.91	938,074.41	481,906	98,563.50	2,799,225.92	
	1,142 #	-	51.2 #	509 #	507 #	319 #	1,386 #	
	26 M/M	-	12.62 M/M	13.844 M/M	-	-	26.464 M/M	
	701.98 M/T	-	7.69 M/T	45.61 M/T	-	35 M/T	88.30 M/T	
	808 BIU	-	343 BIU	146.90 BIU	21.24 BIU	-	571.14 BIU	
	51 T/U	-	-	-	2.39 T/U	4.56 T/U	6.95 T/U	

/a Previous to July 1, 1943 included in Canned Meat.

/b 1 ton of Dehydrated Meat equivalent to 3.17 Canned Meat.

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

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

May 22, 1944

The President
The White House

Dear Mr. President:

April deliveries of agricultural commodities to the USSR totaled approximately 99,000 net short tons, a decrease of 40,000 tons over deliveries in March. Although it had been expected that the April program would be slightly larger than the one for March, lack of shipping space made it impossible for the Russians to lift the commodities available. However, May clearances will in all probability compensate for the decline in April, for 182,000 tons have been requested for delivery in May.

The bulk of the April program consisted of the following commodities and quantities: 31,000 tons of wheat, flour, and cereals; 22,000 tons of sugar; 19,000 tons of canned meat; and 15,000 tons of animal fats and cured meat. That priority is currently being given to animal fats and meats is demonstrated in the increase of April deliveries of animal fats, cured meat, and canned meat over March in spite of the decrease in total April deliveries.

During the first ten months of the Third Protocol approximately 1,500,000 net short tons of agricultural commodities, or seventy-five per cent of the Protocol, have been delivered. It seems doubtful that sufficient shipping space will be available in May and June to take care of the 500,000 ton balance.

Respectfully,

Marvin Jones
Administrator

Attachment

SHIPMENT OF AGRICULTURAL COMMODITIES
TO THE U.S.S.R.
December 1941 to April 29, 1944
(Net Short Tons)

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

Table I

Commodity	3rd Protocol	DELIVERIES		Requested	3rd Protocol 7/1/42-6/30/44	3rd Protocol	2nd Protocol	1st Protocol	
	Requirements			For	Cumulative	Cumulative	Total	Deliveries	Deliveries
	By Month	April 1944	March 1944	May 1944	Requirements	Deliveries	Requirements	7/1/42-6/30/43	12/41-6/30/42
Wheat, Flour, Cereal, Etc.	42,667	31,184	47,004	13,777	426,665	450,355.54	500,000	345,438	107,711.10
Sugar	28,067	22,041	34,416	45,390	280,666	238,559	336,800	114,171	85,127
Canned Meat	28,000	18,702	14,831	44,677	280,000	226,165	336,000	188,878.60	43,627
Butter	3,267	-	-	-	32,666	39,529	39,200	7,278	2,300
Carter's Spread	1,120	2,709	999	1,680	11,200	5,190	13,440	-	-
Animal Fats and Cured Meat	24,547	15,251	10,171	30,260	245,466	206,772	294,560	130,457	41,288
Vegetable Oil	18,583	3,179	14,496	34,483	185,833	169,310	223,000	103,668	18,575
Dried Milk	2,716	45	50	2,632	27,162	29,797	32,594	16,206	-
Cheese	1,400	-	20	818	14,000	14,716	16,800	4,459	-
Canned Milk	597	-	-	1,120	5,975	5,329	7,170	2,621	-
Dried Eggs	3,238	2,582	4,343	5,123	32,385	33,310	38,862	22,286	8,961
Dairy, & Cons. Soups, Veg.									
& Cereals, Incl. Soya	1,840	63	115	741	18,395	15,127.69	22,074	1,738	-
Concentrated Juices	131	-	-	6	1,312	1,341.40	1,574	698	-
Veg. Pulps, Pastes & Purees	474	120	-	27	4,742	3,934	5,690	195	-
Soya Flour and Grits	7,470	2,119	9,204	377	74,692	53,464	89,638	2,841	-
Soap	933	-	-	-	9,333	1,201.12	11,200	4,928	-
Other Agricultural Commodities	2,900	268.40	3,424	997	25,000	24,793.16	30,000	22,462.31	1,758
TOTAL	166,590	98,563.50	139,103	182,108	1,665,498	1,518,543.91	1,998,602	971,334.91	309,347.10

REGRADED
UNCLASSIFIED

STATUS OF U.S.S.R. PROGRAM
As of April 29, 1944
(Net Short Tons)

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

Table 2

COMMODITY	CLEARANCES						
	Cumulative	Cumulative	July 1, '42	July 1, '43	Jan. 1, '44	April, '44	Cumulative
	Action	to	to	to	to	to	to
	Requisitions	June 30, '42	June 30, '43	Aug. 31, '43	March 31, '44	1944	April 29, '44
<u>WHEAT, FLOUR, CEREAL, ETC.</u>							
Wheat	154,560	29,298	-	6,230	19,914	320	55,762
Cracked Wheat	12,764	1,121	9,885	45,15	-	-	11,051.15
Rye Flour	44,280	41	11,616	7,743	1,080	400	20,862
Wheat Flour	663,625	60,303	168,797	116,202	133,088	29,855	508,245
Barley, Pearl	2,900	-	2,797	3,073	-	-	5,870
Rice	88,119	-	22,667	21,251	675	-	44,593
Semolina	34,477	1,049	14,715	4,294	2,243	-	22,301
Barley, Cereal, Roasted	990	40	150	-	-	-	190
Buckwheat Cereal	1,699	8	127	90.25	-	-	225.25
Oat Cereal	38,016	2,352	14,552	4,563	601	-	22,373
Cereals, Various	15,904	-	911	20.14	-	-	91.14
Beans, Dried	249,334	13,499	90,887	59,117	22,582	479	186,564
Pean, Dried	68,276	10	5,032	2,794	13,561	130	24,517.10
TOTAL	1,374,944	107,711.10	345,438	225,427.54	193,744	31,164	903,504.64
<u>SUGAR</u>							
Sugar	489,692	85,127	113,262	93,686	73,286	10,463	375,624
Tablet Sugar	73,731	-	909	31,827	15,719	11,578	62,033
TOTAL	563,423	85,127	114,171	127,513	89,005	22,041	437,657

COMMODITY	CLEARANCES							
	Cumulative Action Requisitions	Cumulative to June 30, '42	July 1, '42 to June 30, '43	July 1, '43 to Dec. 31, '43	Jan. 1, '44 to March 31, '44	April, 1944	Cumulative to April 29, '44	
<u>MEAT, CANNED</u>								
Meat, Canned	362,924	43,627	188,169	58,961	35,342	2,210	326,309	
Tushonka /a	144,876	-	-	90,480	17,184	16,118	123,782	
Beef, Dehydrated /b	21	-	.60	-	4.50	-	5.10	
Pork, Dehydrated /b	10,472	-	709	4,424	1,067.50	374	6,574.50	
TOTAL	518,293	43,627	188,878.60	153,865	53,598	18,702	458,670.60	
<u>BUTTER</u>								
Butter, Salted	68,261	2,300	7,276	39,085	444	-	49,167	
<u>CARTER'S SPREAD</u>								
Carter's Spread	13,440	-	-	-	2,461	2,709	5,180	
<u>ANIMAL FATS AND CURED MEAT</u>								
Fat Cuts	123,251	-	-	84,179	13,970	3,874	102,023	
Lard and Rendered Fat /a	341,991	32,390	49,942	56,899	29,938	11,377	182,546	
Cured Meat	117,585	8,898	80,515	4,069	466	-	93,246	
TOTAL	582,827	41,288	130,457	147,147	44,374	15,251	378,517	
<u>VEGETABLE OIL</u>								
Oleomargarine	48,160	-	4,936	24,764	7,510	1,405	38,615	
Shortening	39,229	-	12,753	11,106	1,387	218	25,464	
Vegetable Oil	378,499	18,575	85,979	91,033	30,331	1,556	227,474	
TOTAL	465,888	18,575	103,668	126,903	39,228	3,179	291,553	

COMMODITY	CLEARANCES						
	Cumulative	Cumulative	July 1, '42	July 1, '43	Jan. 1, '44	April, 1944	Cumulative
	Action	to	to	to	to	to	to
	Requisitions	June 30, '42	June 30, '43	Dec. 31, '43	March 31, '44	April 30, '44	April 30, '44
<u>DRINK MILK</u>							
Skim Milk, Dry	51,594	-	15,545	18,729	3,640	45	37,959
Whole Milk, Dry	12,554	-	661	6,625	558	-	8,044
TOTAL	64,148	-	16,206	25,354	4,198	45	46,003
<u>CHEESE</u>							
Cheese	12,508	-	3,915	3,675	-	-	7,590
Processed Cheese	15,067	-	544	4,287	6,754	-	11,585
TOTAL	27,575	-	4,459	7,962	6,754	-	19,175
<u>CANNED MILK</u>							
Sweetened Condensed Milk	12,820	-	5,821	5,774	-	-	11,595
Evaporated Milk	120	-	-	55	-	-	55
TOTAL	12,940	-	5,821	5,829	-	-	11,650
<u>DRIED EGGS</u>							
Eggs, Dried	91,878	8,961	22,286	22,028	11,700	2,582	64,557
<u>DEHYDRATED AND CONCENTRATED SOUPS, VEGETABLES, CEREALS, INCL. SOYA</u>							
Dehydrated Soup	4,652	-	310	1,553	261	-	2,124
Dehydrated Vegetable Soup	2,456	-	-	890	-	-	890
Dry Soup Powder	4,145	-	25	3,318	515	-	3,861
Beets, Dehydrated	330	-	-	.03	41.50	-	41.53

COMMODITY	CLEARANCES						
	Cumulative	Cumulative	July 1, '42	July 1, '43	Jan. 1, '44	April, 1944	Cumulative
	Action	to	to	to	to	to	to
	Requisitions	June 30, '42	June 30, '43	Dec. 31, '43	March 31, '44	1944	April 29, '44
<u>DEHYDRATED AND CONCENTRATED SOUPS,</u>							
<u>VEGETABLES, CEREALS, INCL. SOYA -</u>							
<u>(CONTINUED)</u>							
Cabbage, Dehydrated	573	-	-	-	-	-	.03
Carrots, Dehydrated	3,639	-	40	106	927	-	1,073
Garlic, Dehydrated	1,061	-	19	393	60	-	472
Onions, Dehydrated	1,103	-	13	67	-	33	113
Potatoes, Irish, Dehydrated	2,152	-	97	1,166	-	-	1,263
Other Vegetables, Dehydrated	2,000	-	-	126.13	243	-	368.13
Onion Powder	421	-	55	92	88	-	235
Tomato Powder	336	-	20	-	-	30	50
Concentrated Corn Meal Food	8,285	-	1,159	4,600	326	-	6,375
TOTAL	32,153	-	1,738	12,400.19	2,664.50	63	16,865.69
<u>CONCENTRATED JUICES</u>							
Concentrated Grapefruit Juice	662	-	-	65	-	-	65
Concentrated Lemon Juice	1,465	-	130	312.40	-	-	542.40
Concentrated Orange Juice	2,443	-	568	864	-	-	1,432
TOTAL	4,570	-	698	1,341.40	-	-	2,039.40
<u>VEGETABLE PULPS, PASTES, & PUREES</u>							
Tomato Paste and Puree	7,145	-	195	1,686	1,278	120	1,279
<u>SOYA FLOUR AND CRIS</u>							
Soya Flour and Cris	117,638	-	2,841	26,241	25,104	2,119	56,305

COMMODITY	CLEARANCES						
	Cumulative Action	Cumulative to	July 1, '42 to	July 1, '43 to	Jan. 1, '44 to	April, 1944	Cumulative to
	Requisitions	June 30, '42	June 30, '43	Dec. 31, '43	March 31, '44	April, 1944	April 29, '44
<u>SOAP</u>							
Laundry Soap	21,863	-	4,190	1,028.12	66	-	5,284.12
Toilet Soap	12,629	-	355	107	-	-	472
Soap, Unspecified	-	-	383	-	-	-	383
Soap Stock	11,200	-	-	-	-	-	-
TOTAL	45,692	-	4,938	1,135.12	66	-	6,139.12
<u>OTHER AGRICULTURAL COMMODITIES</u>							
Acetic Acid	68	-	144	-	-	-	144
Alcohol	2	-	-	-	-	-	-
Almonds	422 #	-	-	468 #	-	-	468 #
Aneurin	25	-	15	7	-	14	36
Apples, Fresh	4	-	-	37	-	-	35
Army Ration - K	2,016	-	-	418	-	-	418
Ascorbic Acid (Vitamin C)	152	-	19.70	35.54	-	46	101.24
Ascorbic Acid Tablets	4.85 M/T	-	.90 M/T	-	-	-	.50 M/T
Baked Beans	175	-	145	19.13	-	-	164.13
Baking Soda	25	-	11.70	9.50	-	-	23.30
Banana Powder	56	-	-	-	-	-	-
Barley Poddor	21,351	1,393	-	3,147	-	-	6,534
Bean Sacks	1.20	-	-	-	-	-	-
Beef Extracts	269	-	112	-	-	-	112
Beef Sats, Dry	6	-	-	-	-	-	-
Carotene	808 BIU	-	343 BIU	146.90 BIU	81.24 BIU	-	571.14 BIU
Chicory	3	-	.20	3	-	-	3.20
Chocolate - Ration D	956	-	3	354	-	56	414
Citric Acid	1,417	85	430	446.18	140	-	1,101.18
Citric Extract	1	-	28	-	-	-	28
Cocoa	3	-	-	2.00	-	-	2.00
Coffee	50	-	-	20	-	-	20
Coffee Beans, Green	8,400	-	2,728	1,107	2,925	-	6,760

COMMODITY	CLEARANCES						
	Cumulative Action	Cumulative to	July 1, '42 to	July 1, '43 to	Jan. 1, '44 to	April, 1944	Cumulative to
	Requisitions	June 30, '42	June 30, '43	Dec. 31, '43	March 31, '44		April 29, '44
<u>OTHER AGRICULTURAL COMMODITIES</u>							
<u>(CONTINUED)</u>							
Coffee Substitute	23	-	-	1.60	-	-	1.60
Concentrated Foods	66	-	66	-	-	-	66
Cornstarch	426	-	366	26	-	-	392
Cucumber Pickles	66	-	-	67	-	-	67
Ergosterol	84	-	-	-	440 #	309 #	749 #
Essential Oils	66	-	23	1.10	-	-	24.10
Fish, Filchards	22	-	-	22	-	-	22
Salmons	127	-	-	122	-	-	122
Fish Liver Oil (Vitamin A)	50 7/8	-	-	-	2.39 7/8	4.56 7/8	6.95 7/8
Fish Liver Oil (Vitamin D)	1 7/8	-	-	-	-	-	-
Fruit, Canned	77	-	4	17	-	-	21
Fruit, Mixed, Dried	952	-	562	299.36	-	-	861.36
Fruit Extract	8	-	2	1.88	-	-	3.88
Fruit Syrup	1	-	.80	-	-	-	.80
Garlic, Fresh	34	-	2	35	-	-	37
Gelatin	3	-	.61	1.48	-	-	2.09
Grapefruits, Lemons, Oranges, Fresh	186	-	2	15	-	-	17
Hazel Nuts, Shelled	3,638	-	-	3,696	-	-	3,696
Hops	19	-	19	-	-	-	19
Kola Nuts	57	57	-	-	-	-	57
Linseed Oil, Drying	1,171	-	26	-	-	-	28
Macaroni	306	-	39	85	-	-	124
Millrun	442	-	475	-	-	-	475
Multi-Vitamin Tablets	620.10 1/2	-	-	-	-	-	-
Nicotinamide	74	-	-	-	-	-	-
Nicotinic Acid	47	-	-	78 3	3	-	78 6
Nutritional Yeast	102	-	-	-	34	19	53
Oat Flakes	6,567	150	1,772	134	-	-	2,056
Oil Cakes	-	-	215	-	-	-	215
Onions, Fresh	172	-	-	26	-	-	26
Pineapple	13	-	-	6	-	-	6
Pepper	22	-	6	270	11	-	287

COMMODITY	CLEARANCES						
	Cumulative Action Requisitions	Cumulative to June 30, '42	July 1, '42 to June 30, '43	July 1, '43 to Dec. 31, '43	Jan. 1, '44 to March 31, '44	April, 1944	Cumulative to April 29, '44
<u>OTHER AGRICULTURAL COMMODITIES</u> <u>(CONTINUED)</u>							
Potatoes, Fresh	2,145	-	-	950	-	-	950
Riboflavin	705 #	-	32.2 #	22 #	25 #	10 #	89.2 #
Salt	24,156	-	1,506	320	-	-	1,826
Seed, Cryptostegia	15 #	-	15 #	-	-	-	15 #
Seeds, Field	18,594	-	6,955	.25	20.50	181	7,156.75
Seeds, Guayula	.56	-	-	-	-	-	-
Seeds, Oil Bearing Plants	448	-	-	-	-	-	-
Seed, Tobacco	2	-	-	-	42 #	-	42 #
Seeds, Vegetable	5,485	73	2,170	628	7,134	250	10,255
Soups and Vegetables, Canned	1,770	-	965	566.21	-	-	1,531.21
Soya Sauce	4	-	4	-	-	-	4
Spices, Other <u>1/2</u>	53	-	64	85.85	-	-	140.85
Stearin Candles	466	-	99	148.12	-	-	247.12
Tea	1,139	-	661	249	-	-	910
Vanilla	23	-	2# .30	12 #	-	-	14# .30
Vanillin	24	-	2 #	9.46	-	-	2# 9.46
Vinegar	5,457	-	15	222	-	-	240
Vitamin "A"	25 M/M	-	12.62 M/M	13,844 M/M	-	-	26,464 M/M
Vitamin "D"	1 M/M	-	-	-	-	-	-
Walnuts, Shelled	3	-	3	-	-	-	3
Wheat Bags	-	-	-	-	-	-	-
Yeast, Dry	1,025	-	321	321.50	-	2.50	642.50
Yeast Tablets	67 M/T	-	7.19 M/T	45.61 M/T	-	35 M/T	87.80 M/T
TOTAL	110,572.60	1,758	22,262.31	13,957.16	10,267.50	568.50	48,811.47

COMMODITY	CLEARANCES							
	Cumulative	Cumulative	July 1, '42	July 1, '43	Jan. 1, '44	April, 1944	Cumulative	
	Action	to	to	to	to	to	to	
	Requisitions	June 30, '42	June 30, '43	Dec. 31, '43	March 31, '44	April, 1944	April 29, '44	
GRAND TOTAL								
	4,101,387.60	309,347.10	971,334.91	938,074.41	481,906	98,563.50	2,799,225.92	
	1,142 #	-	51.2 #	509 #	507 #	319 #	1,386 #	
	26 M/M	-	12.62 M/M	13.844 M/M	-	-	26.464 M/M	
	701.98 M/T	-	7.69 M/T	45.61 M/T	-	35 M/T	88.30 M/T	
	808 BIU	-	343 BIU	146.90 BIU	61.24 BIU	-	571.14 BIU	
	51 T/U	-	-	-	2.39 T/U	4.56 T/U	6.95 T/U	

/a Previous to July 1, 1943 included in Canned Meat.

/b 1 ton of Dehydrated Meat equivalent to 3.17 Canned Meat.

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

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



75/31/44

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file

WAR PRODUCTION BOARD
WASHINGTON, D. C.
May 24, 1944

IN REPLY REFER TO:

*E. F.
Lend Lease*

My dear Mr. President:

Attached hereto is a tabulation showing progress made during April, and during the ten months ending April 30, 1944, towards fulfillment of Third Protocol Materials and Equipment Production Programs for the Union of Soviet Socialist Republics.

You will note that with respect to industrial equipment this tabulation shows in greater detail the specific items which are being furnished the U.S.S.R. than previous reports. You will also note that progress is shown not against the formal offers included in the Protocol, but against the appreciably larger actual production programs which have been placed under contract. It is felt that these innovations will indicate more exactly the production efforts which are being made to meet Soviet equipment requirements, and the extent to which these efforts have been successful to date.

Respectfully yours,

Donald M. Nelson

Donald M. Nelson

x4735

*x220
x4193*

The President
The White House
Washington, D. C.

Attachments

DECLASSIFIED
E.O. 11652, Sec. 3(E) and 5(D) of (B)
Commerce Dept. Letter, 11-16-74
By RHP, Date MAR 21 1973

~~SECRET~~

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

(APRIL DELIVERY DATA SUBJECT TO REVISION)

DECLASSIFIED
E.O. 11652, Sec. 3(E) and 5(D) or (G)
Commerce Dept. Letter, 1116-72
By RHP, Date MAR 21 1973

Pro- tocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Apr. 1, 1944 - Apr. 30, 1944	Made Available at Mill in U.S.A. July 1, 1943 - Apr. 30, 1944	Percent of 3rd Prot. Program Completed as of May 1, 1944	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of May 1, 1944 To Complete 3rd Protocol Prod. Program	Comments
<u>NON-FERROUS METALS</u>									
3	Aluminum (Ingot and Fabricated)	S.T.	35,760	15,008	87,954	246	296	(52,194 Excess)	Aluminum shipments to date consist of 7,182 S.T. rod and tubing; 21,020 S.T. sheet; and 59,752 S.T. ingot including secondary.
4	Nickel								
A	Pig Nickel	S.T.	3,600	300	4,200	117	141	(600 Excess)	Includes shipment on U.S. account of 800 S.T. from U.K. stocks.
B	Nickel in Monel Scrap	S.T.	274	0	274	100	120	0	
C	Nickel in Steel and Other Non-Ferrous Products	S.T.	2,400	162	1,843	77	93	557	The 274 S.T. shown as the Third Protocol production program is the quantity selected by the U.S.S.R. out of a total of 600 S.T. originally offered.
5	Molybdenum	S.T.	4,000	670	4,000	100	120	0	
6	Copper, Electrolytic	S.T.	(121,400)	(16,793)	(96,601)	(80)	(96)	(24,799)	Contained nickel deliveries to date consist of 961 S.T. in steel; 431 S.T. in nichrome wire and strip; 304 S.T. in cupro-nickel strip; and 147 S.T. in various other products including pure nickel products.
									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 70,630 S.T. contained in copper base alloys; 11,027 S.T. contained in copper goods and tubes; 674 S.T. contained in binetal; and 14,270 S.T. contained in wire mill products. In addition to the copper program shown, the W.P.B. has made arrangements for the supply of 16,800 S.T. of copper wire bars during the remainder of the Third Protocol period.

DECLASSIFIED
E.O. 11652, Sec. 3(E) and 5(D) or (G)
Commerce Dept. Letter, 1116-72
By RHP, Date

MAR 21 1973

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E.O. 11652, Sec. 3(E) and 5(D) or (G)
Commerce Dept. Letter, 1116-72
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. Apr. 1, 1944 - Apr. 30, 1944	Made Available at Mill in U.S.A. July 1, 1943 - Apr. 30, 1944	Percent of 3rd Prot. Program Completed as of May 1, 1944	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of May 1, 1944 To Complete 3rd Protocol Prod. Program	Comments
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NON-FERROUS METALS (Continued)

7	Copper Base Alloys	S.T.	107,520	15,806	104,033	97	117	3,487	
8	Magnesium	S.T.	4,032	336	3,360	83	100	672	
9	Zinc	S.T.	13,440	1,120	11,200	83	100	2,240	
11	Copper Goods and Tubes	S.T.	15,000	1,252	11,277	75	90	3,723	
29	Special Non-Ferrous Alloy Wires	S.T.	100	7	97	97	117	3	
30	Nichrome Wire	S.T.	538	117	539	100	120	(1 Excess)	

The Third Protocol provides that up to 269 S.T. of special non-ferrous wires may be ordered. Until the present, however, only 100 S.T. have been requisitioned. The Third Protocol production schedule is, therefore, limited to this amount. Deliveries to date include .4 S.T. of tungsten alloy wire; 3.0 S.T. of constantan wire; .5 S.T. of tantalum wire; 36.2 S.T. of alumin and chrome wire; 15.9 S.T. of monel, everdur and beryllium bronze wire; 5.7 S.T. of enamelled manganin wire; 22.9 S.T. of molybdenum wire; .5 S.T. of manganin wire; 5.3 S.T. of round manganin wire; 5.3 S.T. of bare thermocouple wire; and .7 S.T. of Kemet molybdenum wire.

On urgent request of the U.S.S.R., the U.S. has agreed to undertake supply of 134 S.T. in addition to the amount originally offered in the Protocol. However, due to an acute shortage of chromium metal, difficulty is being encountered in scheduling this added quantity. In consequence, it will probably be necessary to carry a large part of it over into the Fourth Protocol period.

SECRET

Pro- tocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Apr. 1, 1944 - Apr. 30, 1944	Made Available at Mill in U.S.A. July 1, 1943 - Apr. 30, 1944	Percent of 3rd Prot. Program Completed as of May 1, 1944	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of May 1, 1944 To Complete 3rd Protocol Prod. Program	Comments
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NON-FERROUS METALS (Continued)

93	Cadmium	S.T.	112	56	112	100	120	0	The Third Protocol cadmium commitment was originally included in the Canadian schedule, but due to a difficult supply situation in Canada, the U.S. agreed to take this over as the 112 S.T. due in the second half of the Protocol period.
94	Cobalt	S.T.	80.5	41	121.5	151	182	(41 Excess)	
Total Non-Ferrous Metals (Excluding Item 6, Copper, Electrolytic)			S.T. 186,856.5	34,875	229,010.5	123	148	(42,154 Excess)	The production program shown is for the first half of the Third Protocol period. The October shipment completed the full original Protocol offer. The U.S.S.R. recently requested the increase of the Protocol offering by 78 S.T. The U.K. has agreed to supply one-half of this along with the 80.5 S.T. included in its Protocol schedule. The U.S. will supply the remainder.

FERRO-ALLOYS

12	Ferrosilicon	S.T.	-	0	57	-	-	-	Because of the stocks situation, Third Protocol offers to supply up to 784 S.T. of ferrosilicon and 448 S.T. of ferrochrome per month are considered inoperative.
13	Ferrochrome	S.T.	-	0	0	-	-	-	

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E.O. 11652 Sec. (b) (7)(D) or (b)
Commerce Dept. Liaison, 11-1-78
By RHP, Date MAR 21 1973

Pro- tocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Apr. 1, 1944 - Apr. 30, 1944	Made Available at Mill in U.S.A. July 1, 1943 - Apr. 30, 1944	Percent of 3rd Prot. Program Completed as of May 1, 1944	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of May 1, 1944 To Complete 3rd Protocol Prod. Program	Comments
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FERRO-ALLOYS (Continued)

85-A	Ferromolybdenum	S.T.	1,456	0	1,180	77	154	336	Ferromolybdenum, ferrovanadium, and ferrotungsten have been scheduled in the quantities shown under the Third Protocol production programs as substitutes for an equivalent tonnage of ferro-silicon and/or ferrochrome. Included in these quantities are 336 S.T. ferromolybdenum, 134 S.T. ferrovanadium, and 224 S.T. ferrotungsten which are currently being approved for delivery in the second quarter, 1944.
86	Ferrovanadium	S.T.	358	0	224	63	126	134	
87	Ferrotungsten	S.T.	1,064	41	567	53	126	497	
Total Ferro-Alloys			-	41	1,968	-	-	967	

ALLOY STEEL

16	Polished Drill Rod								
B	High Speed	S.T.	96	9	94	98	118	2	
C	Other Alloy	S.T.	45	4	44	98	118	1	
17	High Speed Tool Steel	S.T.	4,480	33	4,684	105	127	(204 Excess)	
18	Tool Steel								
B	Alloy X12	S.T.	672	31	696	104	125	(24 Excess)	
C	Alloy X12M	S.T.	672	53	664	99	119	8	
D	Other Alloys	S.T.	4,850	387	5,299	109	131	(449 Excess)	
19	Cold Finished Bars	S.T.	11,200	1,555	10,950	98	118	250	
20	H.R. Alloy Bars and Billets	S.T.	67,267	7,994	63,663	95	114	3,604	
23	Stainless Steel								
A-B	Sheets and Strip	S.T.	3,007	229	3,399	112	135	(352 Excess)	
C	Bars	S.T.	756	21	614	81	98	142	
25	Steel Wire								
A	Ball Wire	S.T.	1,344	112	1,327	99	119	17	
B	Alloy 232	S.T.	1,344	87	1,145	85	102	199	
C	Other Alloy	S.T.	0	0	191	-	-	(191 Excess)	

DECLASSIFICATION
E.O. 11652, Sec. 5(K) Excl (D) or (S)
Commerce Dept. Letter, 11-16-74
By RHP, Date

MAR 21 1973

Pro- tocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Apr. 1, 1944 - Apr. 30, 1944	Made Available at Mill in U.S.A. July 1, 1943 - Apr. 30, 1944	Percent of 3rd Prot. Program Completed as of May 1, 1944	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of May 1, 1944 To Complete 3rd Protocol Prod. Program	Comments
<u>ALLOY STEEL (Continued)</u>									
27	Steel Alloy Tubes								
A	18% Cr. - 8% Ni.	S.T.	994	134	1,356	136	164	(362 Excess)	
B	4-6% Chrome	S.T.	8,625	794	8,400	97	117	225	
C-E	Carbon .5% Moly., Pipe Sizes	S.T.	0	0	0	-	-	(9 Excess)	
F	H.R. Ball Bearing Tubes	S.T.	5,376	546	5,606	104	125	(230 Excess)	
28	Stainless Steel Wire	S.T.	1,747	235	1,844	106	128	(97 Excess)	
29	Special Alloy Wire	S.T.	784	132	951	121	146	(167 Excess)	
	Total Alloy Steel	S.T.	113,259	12,356	110,896	98	118	2,363	
<u>CARBON STEEL</u>									
101-E	Rails, Accessories and Other Railway Material	S.T.	-	16,748	205,396	-	-	-	
10	Copper Clad Strip (Bimetal)	S.T.	-	3,284	9,136	-	-	-	
15A & 15A	Plain Carbon Tool Steel and Drill Rod	S.T.	-	717	7,232	-	-	-	
19D	Plain Carbon Bullet Core	S.T.	-	0	11,736	-	-	-	
24	Timplate	S.T.	-	5,395	41,999	-	-	-	
-	Other Carbon Steel	S.T.	-	20,386	90,403	-	-	-	
	Total Carbon Steel	S.T.	345,397	46,530	365,902	106	128	(20,505 Excess)	
<u>CHEMICALS</u>									
36	Phenol	S.T.	-	0	8,261	-	-	-	
38	Ethylene Glycol	S.T.	-	0	650	-	-	-	

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

DECLASSIFIED
E.O. 11652, Dec. 24, 1964 and (K) or (L)
Commerce Dept. (100-101478)
By RHP, Date MAR 21 1973

Protocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Apr. 1, 1944 - Apr. 30, 1944	Made Available at Mill in U.S.A. July 1, 1943 - Apr. 30, 1944	Percent of 3rd Prot. Program Completed as of May 1, 1944	Ratio of Actual Deliveries to Prot. Sched. (Prot. Sched. = 100)	Balance to be Produced as of May 1, 1944 To Complete 3rd Protocol Prod. Program	Comments
<u>CHEMICALS (Continued)</u>									
45	Methanol	S.T.	-	0	3,395	-	-	-	
46	Urotropine	S.T.	-	937	5,912	-	-	-	
61A1	Glycerine	S.T.	6,720	0	7,290	108	130	(570 Excess)	
61A3	Caustic Soda	S.T.	40,320	158	25,083	62	75	15,237	
38A	Ethyl Alcohol	S.T.	107,520	10,858	125,136	116	140	(17,616 Excess)	61,600 S.T. of ethyl alcohol have been scheduled for delivery during the Third Protocol period in addition to the 107,520 S.T. originally included in the Third Protocol program.
61A5	Acetone	S.T.	5,137	1,254	4,452	87	105	685	
61A	Other Chemicals	S.T.	12,096	3,740	12,087	100	120	9	
	Total Chemicals	S.T.	-	16,947	192,266	-	-	-	
<u>MARINE AND SUBMARINE CABLE</u>									
1	Marine Cable	KM.	784	176	374	48	58	410	
2	Submarine Cable	KM.	319	39	159	50	60	160	
	Total Marine and Submarine Cable	KM.	1,103	215	533	48	58	570	
<u>POWER AND RELATED CABLE</u>									
74	Insulated Cable and Wire (Copper Content)	S.T.	-	1,176	12,346	-	-	-	
74A	Rare Cable and Wire (Copper Content)	S.T.	-	242	1,784	-	-	-	
	Total Power and Related Cable	S.T.	21,000	1,418	14,130	67	81	6,870	

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E.O. 11652, Sec. 2(E) and 2(D) or 60
Commerce Dept. Letter, 11-15-72
By RHP, Date MAR 21 1973

Pro- tocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Apr. 1, 1944 - Apr. 30, 1944	Made Available at Mill in U.S.A. July 1, 1943 - Apr. 30, 1944	Percent of 3rd Prot. Program Completed as of May 1, 1944	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of May 1, 1944 To Complete 3rd-Protocol Prod. Program	Comments
<u>MISCELLANEOUS MATERIALS ITEMS</u>									
80	Sheet Fiber	S.T.	1,000	29	1,399	140	169	(399 Excess)	To date no requisitions have been submitted against the 1,680 S.T. originally offered in the Protocol.
83	Parchment Paper	S.T.	-	-	-	-	-	-	
83A1	Lithograph Map Paper	S.T.	-	404	2,625	-	-	-	
83A	Condenser Paper	S.T.	73	22	78	107	129	(5 Excess)	To date no requisitions have been submitted against the 336 S.T. originally offered in the Protocol.
83B	Cigarette Paper	S.T.	-	-	-	-	-	-	
<u>INDUSTRIAL AND RELATED EQUIPMENT</u>									
V-1	Engines and Turbines, General Purpose	\$	5,643,412	54,731	3,184,389	56	67	2,459,023	See following page for comments.
V-2	Compressors, (Air and Gas)	\$	7,358,034	133,357	3,442,377	47	57	3,915,657	
V-3	Pumps (Liquid)	\$	8,544,835	141,685	4,465,197	52	63	4,079,638	
V-4	Crushing, Pulverizing, Screening & Mixing Machinery and Equipment	\$	4,346,498	141,235	3,812,862	88	106	533,636	
V-5	Conveyors & Conveying Systems	\$	1,100,463	26,537	445,778	41	49	654,685	
V-6	Cranes, Derricks, Hoists and Winches	\$	18,619,905	611,750	8,949,689	48	58	9,670,216	
V-7	Industrial Trucks, Tractors, Trailers, Stackers and Accessories	\$	507,372	27,576	469,202	92	111	38,170	
V-8	Fan & Blower Equipment Industrial	\$	3,123,166	44,836	459,967	15	18	2,663,199	
V-9	Mechanical Power Transmission Equipment	\$	7,300	0	7,300	100	120	0	
V-10	Bearings	\$	19,730,603	1,096,744	8,579,685	43	52	11,150,918	
V-11	Valves & Steam Specialties	\$	3,953,601	208,252	1,992,559	50	60	1,961,042	

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E.O. 11652, Sec. 1.1(c) and 1.2(d) or (e)
Commerce Dept. L. Sec. 1115-72
By RHP, Date MAR 21 1973

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Protocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Apr. 1, 1944 - Apr. 30, 1944	Made Available at Mill in U.S.A. July 1, 1943 - Apr. 30, 1944	Percent of 3rd Prot. Program Completed as of May 1, 1944	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of May 1, 1944 To Complete 3rd Protocol Prod. Program	Comments
INDUSTRIAL AND RELATED EQUIPMENT (Continued)									
V-12	Miscellaneous General Purpose Industrial Machinery & Equipment	\$	3,424,434	509,817	2,686,530	78	94	737,904	The Third Protocol Production Programs shown for various categories of industrial equipment are based upon the amounts actually under contract for delivery during the Third Protocol period. It should be noted that the total of these programs considerably exceeds the total which the U.S. definitely promised to deliver before July 1, 1944. Of the types of equipment included in this group, the U.S. originally committed itself to deliver \$450,000,000. This commitment was subject to the condition, however, that requisitions would be placed sufficiently early to enable production to be scheduled during the 12 month period July 1, 1943, to June 30, 1944. In the case of a number of categories of equipment, notably rolling mills, wire drawing equipment, and equipment for blast furnaces, this condition was not met. The W.F.B., with the concurrence of the FEA, therefore agreed to the approval of requisitions for certain items which the U.S.S.R. desired under these categories only under the express understanding that delivery before July 1, 1944 would not be guaranteed or even attempted, and that the Third Protocol guaranteed commitment would be reduced by an amount corresponding to the value of the equipment involved. As this amount was approximately \$18,000,000, the effect was a reduction in the Third Protocol industrial equipment commitment from \$450,000,000 to \$432,000,000. It should also be noted that the industrial equipment program is being stated in terms of the U.S. Standard Commodity Classification. It is felt that this gives a more comprehensive picture of the actual nature of the equipment being furnished the U.S.S.R. than the broader classification previously used.
V-13A	Electrical Rotating Equipment Excluding Generator Sets, Including Motor Generator Sets	\$	8,283,153	84,040	4,575,301	55	66	3,707,852	
V-13B	Generator Sets & Plants	\$	106,544,603	4,123,727	35,580,775	33	40	70,963,828	
V-14	Primary Electric Power Transmission & Distribution Equipment	\$	2,784,346	103,323	1,112,455	40	48	1,671,891	
V-15	Power Conversion Equipment (Non-Rotating Rectifiers)	\$	6,680,344	1,908,880	3,493,784	52	63	3,186,560	
V-16	Secondary Distribution Equipment & Wiring Devices	\$	581,404	21,102	310,129	53	64	271,275	
V-17	Motor Starters & Controllers	\$	109,752	0	89,303	81	98	20,449	
V-18	Electric Lamps	\$	14,992	0	14,992	100	120	0	
V-19	Miscellaneous Electrical Equipment	\$	867,853	46,916	546,412	63	76	321,441	
V-20	Food Products Machinery	\$	805,972	221,805	546,272	68	82	259,700	
V-21	Textile Industries Machinery	\$	234,217	8,014	205,336	88	106	28,881	
V-22	Pulp & Paper Industry Machinery	\$	69,362	0	63,862	92	111	5,500	
V-23	Printing Trade Machinery & Equipment	\$	6,570	0	0	0	0	6,570	

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E.O. 11652, Dec. 19, 1950 (D) or (S)
Commerce Dept. Letter 11-16-72
By RHP, Date MAR 21 1973

Pro- tocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Apr. 1, 1944 - Apr. 30, 1944	Made Available at Mill in U.S.A. July 1, 1944 - Apr. 30, 1944	Percent of 3rd Prot. Program Completed as of May 1, 1944	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of May 1, 1944 To Complete 3rd Protocol Prod. Program	Comments
<u>INDUSTRIAL AND RELATED EQUIPMENT</u> (Continued)									
V-24A	Tire Plant	\$	9,524,519	759,746	9,298,254	98	118	226,265	
V-24B	Rubber Working Machinery)								
V-25	Woodworking Machinery	\$	641,809	54,452	493,080	77	93	148,729	
V-26	Metal Melting & Heating Furnaces	\$	15,748,912	1,181,371	7,275,422	46	55	8,473,490	
V-27	Roasting, Sintering, Blast & Reverberatory Furnaces	\$	3,578,204	390,904	1,972,129	55	66	1,606,075	
V-28	Foundry Equipment	\$	888,286	0	226,274	25	30	662,012	
V-29	Special Industry Furnaces, Kilns and Ovens	\$	2,676,900	36,801	38,408	1	1	2,638,492	
V-30A	Petroleum Refinery Plants	\$	36,632,229	3,146,811	36,632,229	100	120	0	
V-30B	Petroleum Refinery Machinery & Equipment	\$	218,238	0	185,792	85	102	32,446	
V-31	Special Machinery for the Glass Industry	\$	1,536,315	42,593	178,908	12	14	1,357,407	
V-32	Special Machinery for Chemical Industry	\$	1,527,129	28,338	499,172	33	40	1,027,957	
V-33	Gas Generating Conditioning & Other Gas Producing Apparatus	\$	11,287,596	693,446	3,830,553	34	41	7,457,043	
V-34A	Miscellaneous Special Industry Machines	\$	5,683,376	155,188	3,308,169	58	70	2,375,207	
V-34B	Cartridge Manufacturing Lines	\$	9,784,071	1,039,931	9,658,722	99	119	125,349	

See preceding page for comments.

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Pro- tocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Apr. 1, 1944 - Apr. 30, 1944	Made Available at Mill in U.S.A. July 1, 1943 - Apr. 30, 1944	Percent of 3rd Prot. Program Completed as of May 1, 1944	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of May 1, 1944 To Complete 3rd Protocol Prod. Program	Comments
<u>INDUSTRIAL AND RELATED EQUIPMENT (Continued)</u>									
V-35	Machine Tools	\$	120,000,000	5,550,000	101,922,100	85	102	18,077,900	See preceding page for comments.
V-36	Rolling Mills & Auxiliary Equipment	\$	22,939,703	202,448	3,600,345	16	19	19,339,358	
V-37	Drawing Machines	\$	2,291,118	39,599	825,650	36	43	1,465,468	
V-38	Other Primary Metal Forming Mach. & Equipment	\$	242,808	0	242,808	100	120	0	
V-39	Secondary Metal Forming & Cutting Machinery & Equipment	\$	30,000,000	1,135,945	19,927,895	66	80	10,072,105	
V-40	Welding Machinery	\$	5,728,753	146,593	3,249,785	57	69	2,478,968	
V-41	Testing & Measuring Machines (Metalworking)	\$	2,592,196	184,021	779,061	29	35	1,913,135	
V-42	Miscellaneous Metalworking Equipment	\$	0	0	0	0	0	0	
V-43	Portable Metalworking Machines and Tools Power Driven	\$	1,682,131	47,264	1,068,054	63	76	614,077	
V-44A	Cemented Carbide Cutting Tools for Machine Tools	\$	2,835,134	736,691	1,934,576	68	82	900,558	
V-44B	Cutting Tools for Machine Tools Except Cemented Carbide	\$	14,441,964	1,120,778	9,122,788	63	76	5,319,176	
V-45	Cutting & Forming Tools for Metal Forming Machines	\$	12,254	0	0	0	0	12,254	
V-46	Attachments and Accessories for Machine Tools	\$	2,385,175	438,714	1,380,452	58	70	1,004,723	
V-47	Tool Room Specialties and Other Attachments and Accessories for Metal- working tools	\$	26,163	0	0	0	0	26,163	

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E.O. 11652, Sec. 5(K) and 6(D) or (E)
Commerce Dept. Letter, 11-15-72
By RHP, Date MAR 21 1973

Protocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Apr. 1, 1944 - Apr. 30, 1944	Made Available at Mill in U.S.A. July 1, 1944 - Apr. 30, 1944	Percent of 3rd Prot. Program Completed as of May 1, 1944	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of May 1, 1944 To Complete 3rd Protocol Prod. Program	Comments
INDUSTRIAL AND RELATED EQUIPMENT (Continued)									
V-48	Agricultural Machinery & Implements Except Tractors	\$	715,835	70,495	419,918	59	71	295,917	
V-49	Mining & Quarrying Machinery	\$	633,495	10,897	377,682	60	72	255,873	
V-50	Earth & Rock Boring & Drilling Machinery & Accessories	\$	4,614,826	805,861	1,721,721	37	45	2,893,105	
V-51	Well and Blast Hole Drilling Machines	\$	2,556,870	81,104	1,817,891	71	86	738,979	
V-52	Excavating & Dredging Machines	\$	7,854,126	260,797	1,831,575	23	28	6,022,551	
V-53	Miscellaneous Construction Equipment	\$	813,305	14,932	810,477	100	120	2,828	
V-54	Office Machines	\$	600	0	0	0	0	600	
V-55	Miscellaneous Machinery	\$	729,777	0	475,202	65	78	254,575	See preceding page for comments.
V-58B	Teletype Apparatus	\$	1,139,605	154,716	405,107	36	43	734,498	
V-58C	Telephone & Telegraph Equipment	\$	11,706,729	368,039	7,530,259	64	77	4,176,470	
V-58D	Sound Equipment, Public Address, Recording & Reproducing	\$	249,690	4,406	186,127	75	90	63,563	
V-58E	Block Signal System	\$	10,958,761	829,199	4,862,652	44	53	6,096,109	
V-59A	Industrial Type Locomotives Cars & Parts	\$	1,641,086	2,164	252,734	15	18	1,388,352	
V-59B	Mine Type Locomotives, Rail Cars and Parts	\$	120,969	21,939	76,960	64	77	44,009	
V-60	Passenger Vehicles and Parts	\$	95,130	2,529	19,374	20	24	75,756	

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E.O. 11652, Sec. 2(e) and 5(D) or (E)
Commerce Dept. Letter, 11-11-78
By RHP, Date
MAR 21 1973

Pro- tocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. Apr. 1, 1944 - Apr. 30, 1944	Made Available at Mill in U.S.A. July 1, 1943 - Apr. 30, 1944	Percent of 3rd Prot. Program Completed as of May 1, 1944	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of May 1, 1944 To Complete 3rd Protocol Prod. Program	Comments
<u>INDUSTRIAL AND RELATED EQUIPMENT (Continued)</u>									
V-61	Air Conditioning and Refrigeration Equipment	\$	39,565	0	27,565	70	84	12,000	See preceding page for comments.
V-62	Lighting Fixtures	\$	146,182	302	15,763	11	13	130,419	
V-63	Photographic Equipment	\$	361,458	29,681	298,782	83	100	62,676	
V-64	Optical, Indicating, Recording & Controlling Instruments	\$	2,822,447	200,807	1,352,337	48	58	1,470,110	
V-65	Professional & Scientific Instruments	\$	804,211	66,680	347,688	43	52	456,523	
V-66	Miscellaneous Equipment	\$	115,560	0	120,224	104	125	(4,664 Excess)	
V-67	Hand Tools, Non-Powered	\$	728,814	109,333	322,065	44	53	406,749	
V-68	Mechanics Measuring Tools	\$	2,864,440	392,348	1,335,390	47	57	1,529,050	
V-69	Power Boilers	\$	16,570,506	129,144	6,961,886	42	51	9,608,620	
	Total Industrial and Related Equipment Including Equipment not Committed for Delivery during the Third Protocol Period	\$	576,631,161	30,201,334	334,254,101	58	70	242,377,060	
	Total Industrial and Related Equipment Committed for Delivery during the Third Protocol Period	\$	432,000,000	30,201,334	334,254,101	77	93	97,745,899	

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<u>MISCELLANEOUS EQUIPMENT ITEMS</u>									
67A	Abrasive Grain	S.T.	4,000	1,095	7,407	185	223	(3,407 Excess)	
67B	Abrasive Products	\$	4,000,000	96,819	3,668,652	92	111	331,348	
68A	Graphite Electrodes	S.T.	5,757	135	4,756	83	100	1,001	
68B	Other Graphite Goods	S.T.	1,691	38	731	43	52	960	
68C	Graphite Powder	S.T.	1,120	151	1,863	166	200	(743 Excess)	
78	Tires, Tubes, Other Rubber Products (Rubber Content)	S.T.	40,320	2,453	27,024	67	81	13,296	
82	Metallic Cloth and Screen	\$	1,000,000	85,678	517,162	52	63	482,838	

War Production Board
Foreign Division
Program Review Branch
May 24, 1944

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E.O. 11652 (Rev. 9-8) and E.O. 11652 (Rev. 11-16-72)
Commares Dept. Letter, 1116-72
By HSP, Dale
MAR 21 1973