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FOREIGN ECONOMIC ADMINISTRATION

WASHINGTON 25, D. C.

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SEP 7 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 June 30, 1944.

This report sets forth the performance of the United States in fulfilling its obligations under the Third Soviet Protocol and summarizes the aid furnished the U.S.S.R. during the period of the three Protocols, October 1, 1941 to date.

Leo T. Crowley

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(Signed) Leo T. Crowley

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STATUS OF THE SOVIET AID PROGRAM
AS OF JUNE 30, 1944

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

Prepared for the President's Soviet Protocol Committee
by the Foreign Economic Administration
August 30, 1944

STATUS OF THE SOVIET AID PROGRAM
THIRD PROTOCOL PERFORMANCE

The Third Soviet Protocol which went into effect on July 1, 1943 terminated on June 30, 1944. During the twelve month period the United States exceeded its shipping commitment by aiding in the shipment from North America to the U.S.S.R. of 5,899,000 long tons of cargo, 1,346,000 long tons or 30 percent in excess of protocol promises and 57 percent of the total cargo shipped under the first three protocols, October 1, 1941 to date.

In nearly all instances U. S. commitments to make supplies available for shipment were met in full. In some instances the increase in shipping allowed increases in production beyond the quantities promised.

Stocks on hand on June 30, 1944 amounted to approximately 815,000 long tons of cargo as compared with stocks estimated at 1,100,000 long tons on June 30, 1943.

Cargo shipped during the Third Protocol period and during the month of June 1944 is summarized as follows:

	June 1944		July 1, 1943 to June 30, 1944	
	Long Tons	Percent	Long Tons	Percent
U. S. SUPPLIES				
Trucks and Other Vehicles	64,100	12	679,100	12
Metals	122,600	23	1,009,500	17
Chemicals and Explosives	27,800	5	441,500	8
Petroleum Products *	38,100	16	606,900	10
Machinery and Equipment	60,500	11	488,300	8
Food	81,800	15	1,734,000	29
Other U. S.	43,200	8	602,400	10
U.S. TOTAL	488,100	90	5,561,700	94
BRITISH AND CANADIAN SUPPLIES	55,400	10	337,500	6
TOTAL	543,500	100	5,899,200	100

* Includes clearance through the Persian Corridor of 21,000 long tons in June and 153,500 long tons July 1943 through June 1944 of Petroleum Products supplied by the U.K. at Abadan and replaced to U.K. areas by the U.S.

Noteworthy among the individual items shipped during the Third Protocol were: 5,763 Aircraft, 1,758 Medium Tanks, 4,137 Other Combat Vehicles, 1,138 Ordnance Service Trucks, 143,065 Cargo Trucks including 21,012 Jeeps, 12,716 Motorcycles, 2,610 Artillery Tractors, 162,069 tons of Explosives exclusive of Ammunition, 339 Locomotives, 1,640 Flat Cars, 3,213 Marine Engines, 1,760,750 short tons of Foodstuffs, \$442,445,000 of Machinery and Equipment, 85,236 short tons of Aluminum, 142,718 short tons of copper and its basic products, 784,254 short tons of Steel and 302,981 short tons of Chemicals.

Of the 5,763 U.S. manufactured Aircraft sent to the U.S.S.R. during the period 3,233 were flown from Fairbanks, Alaska, 306 were shipped by water to North Russia, 1,732 were shipped by water to the Persian Gulf for assembly at Abadan, 463 left Miami for flight-delivery via North Africa and Abadan and 29 were Navy Patrol Bombers flown from the U.S. by Soviet crews. Of the total departed 1,732 were in fulfillment of U.K. Protocol commitments.

Aid to the U.S.S.R. continues without interruption in accordance with schedules formulated for a proposed Fourth Protocol to run from July 1, 1944 to June 30, 1945.

PERFORMANCE UNDER THE FIRST THREE PROTOCOLS
OCTOBER 1, 1941 TO JUNE 30, 1944

From the beginning of the Moscow (First) Protocol period October 1, 1941 to the end of the Third Protocol period a total of 10,386,000 long tons of cargo have been shipped from North America to the U.S.S.R.

First Protocol	1,564,000
Second Protocol	2,923,000
Third Protocol	5,899,000
Total	10,386,000

Over 90 percent of the cargo shipped was comprised of supplies made available by the U.S. in fulfillment of its Protocol obligations.

Notable among the individual items shipped during the period of the three Protocols were: 10,890 Aircraft, 4,986 Tanks, 5,382 Combat Vehicles, 1,518 Ordnance Service Vehicles, 279,951 Cargo Trucks including 43,462 Jeeps, 24,116 Motorcycles, 4,503 Artillery Tractors, 246,020 tons of Explosives exclusive of Ammunition, 339 Locomotives, 1,640 Flat Cars, 4,800 Marine Engines, 3,079,689 short tons of Foodstuffs, \$655,589,000 worth of Machinery and Equipment, 294,000 short tons of Copper and its basic products, 155,761 short tons of Aluminum, 1,694,978 short tons of Steel and 460,411 short tons of Chemicals.

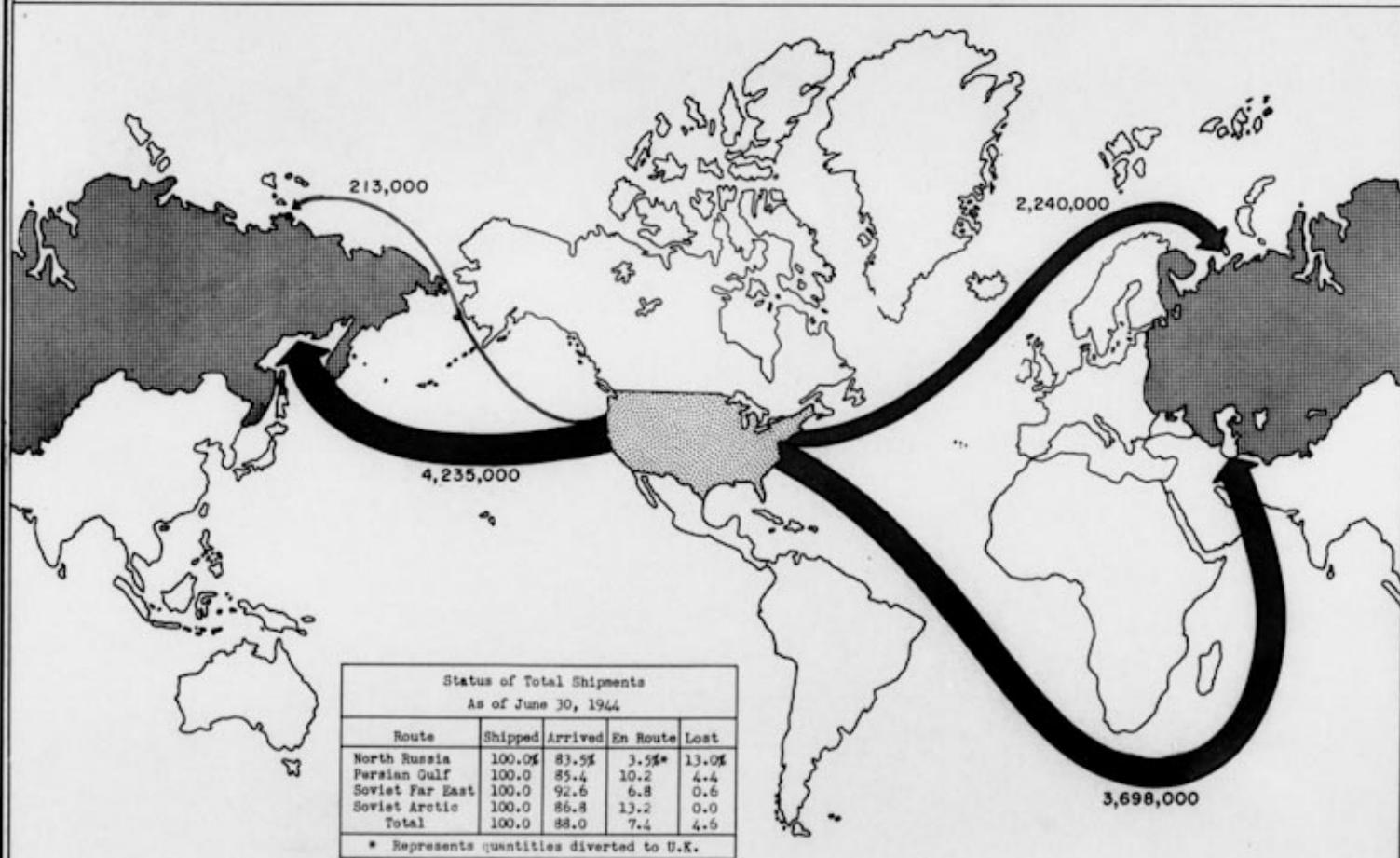
Of the 10,890 U.S. manufactured Aircraft shipped, 4,307 were flown from Fairbanks, Alaska, 1,483 were shipped by water to North Russia, 4,036 were shipped by water to the Persian Gulf for assembly at Abadan, 1,035 left Miami for flight-delivery via North Africa and Abadan and 29 Navy Patrol Bombers were flown from the U.S. by Soviet crews. Of the total departed, 2,727 were in fulfillment of U.K. Protocol commitments and 176 were for reimbursement to U.K. account for planes diverted to U.S. Forces.

Foreign Economic Administration
AUGUST 30, 1944

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

SHIPMENTS TO U. S. S. R.

(FIGURES SHOW GROSS LONG TONS SHIPPED TO JUNE 30, 1944)



NOTE: SHIPMENTS TO THE PERSIAN GULF ARE MADE BY SEVERAL ROUTES. THE TONNAGE SHOWN IS THE TOTAL FOR ALL ROUTES.

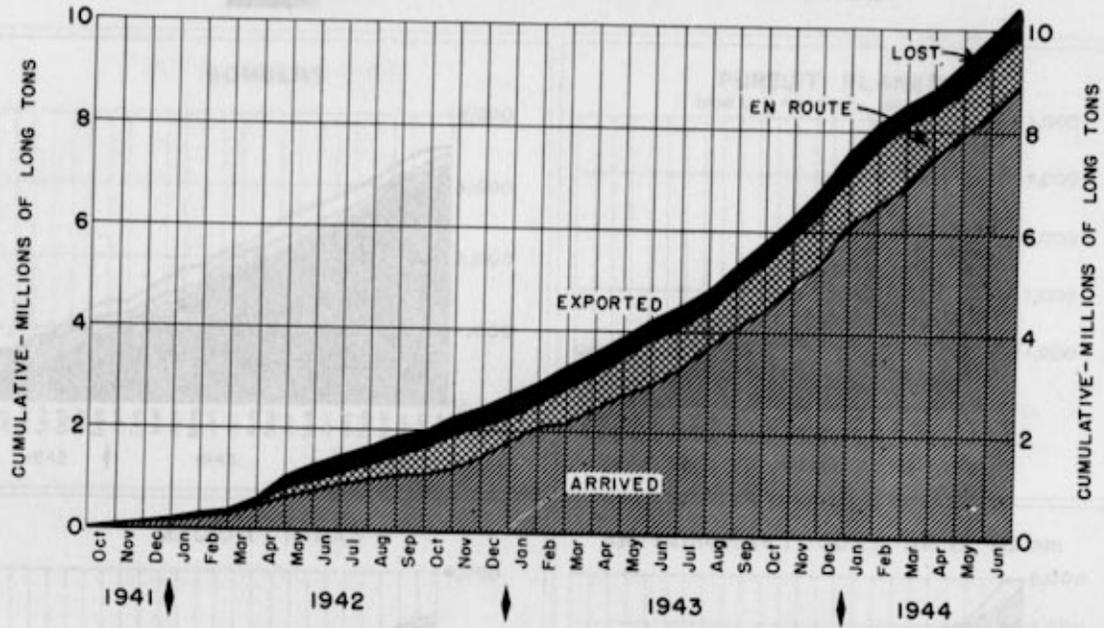
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 State Dept. Letter, 1-11-72
 By J. Soderholm Date FEB 2 1972

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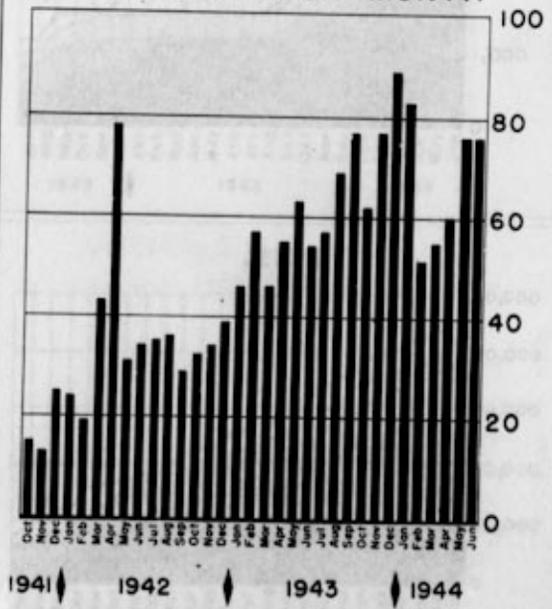
EXPORTS SHIPMENTS TO U. S. S. R. ITEMS

CUMULATIVE SINCE OCTOBER 1, 1941

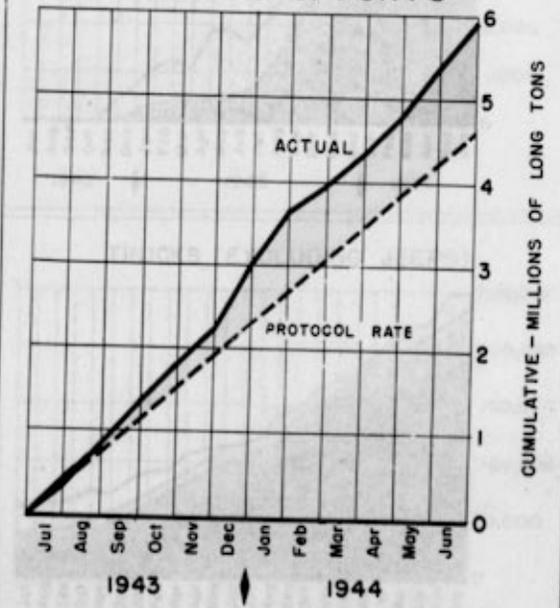
SHIPMENTS, ARRIVALS AND LOSSES



NUMBER OF SHIPS SAILING EACH MONTH



THIRD PROTOCOL CLEARANCES FROM U. S. PORTS



Foreign Economic Administration

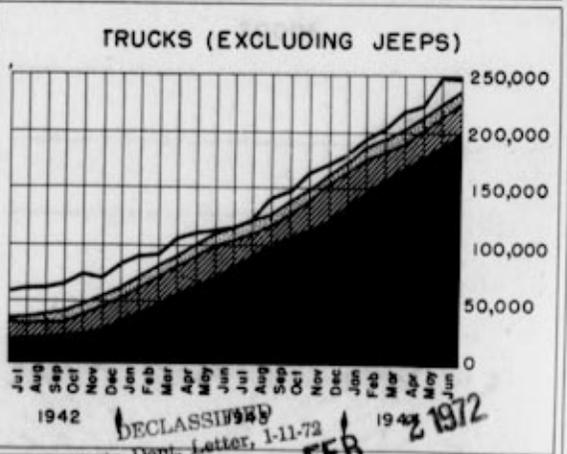
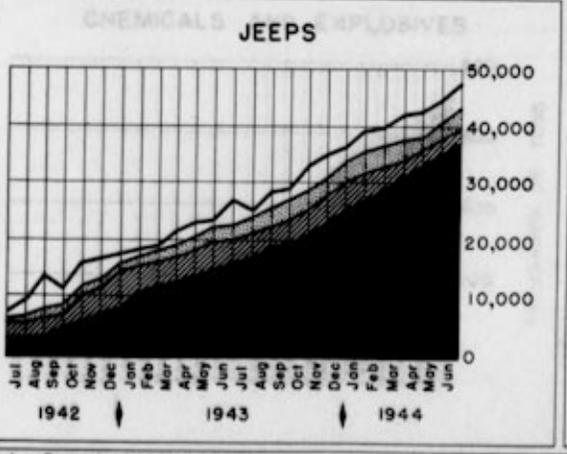
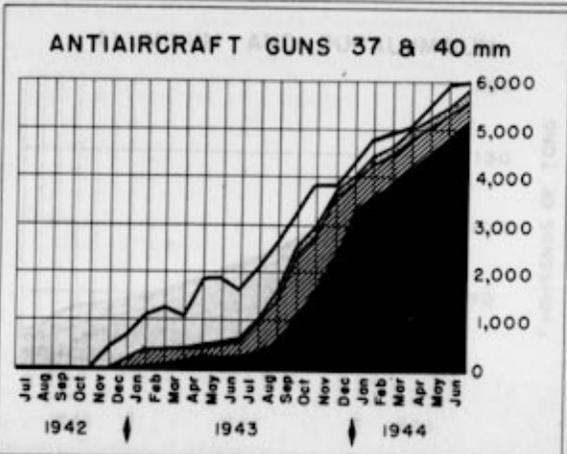
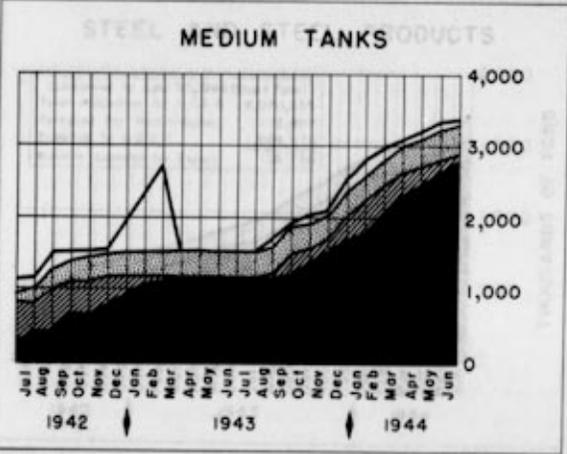
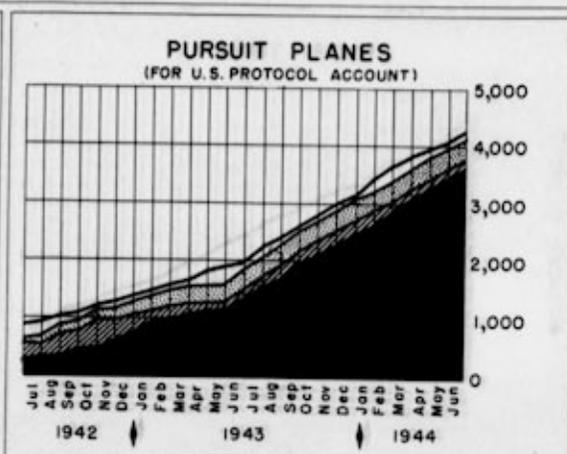
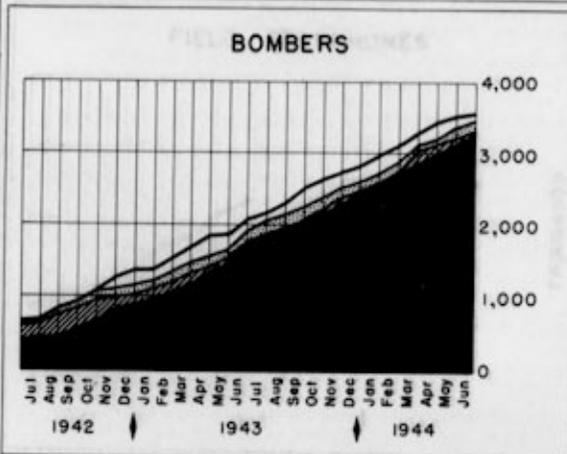
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State Dept. Letter, 1-11-72
By J. Scheable Date FEB 2 1972

SHIPMENTS TO U. S. S. R.

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



— Quantity made available at U.S. centers of production



Foreign Economic Administration

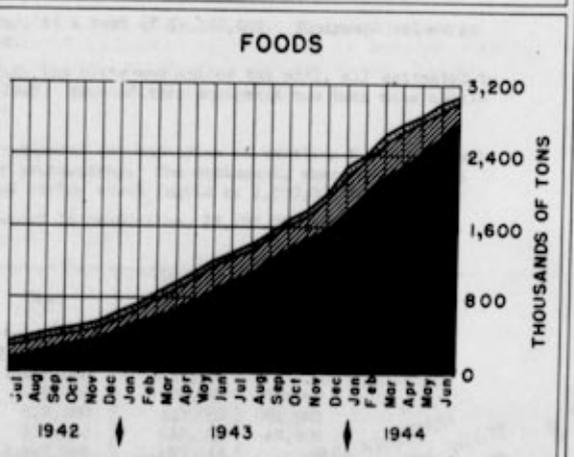
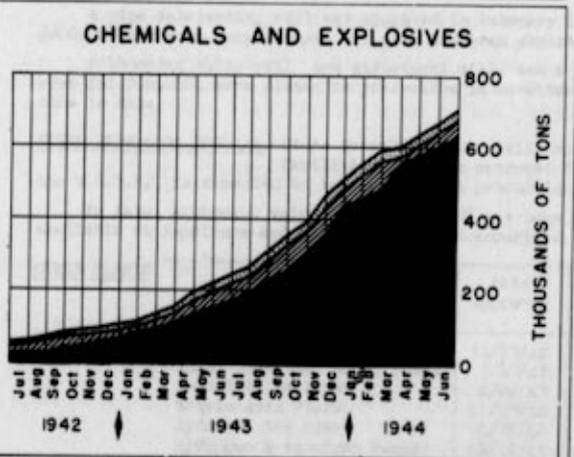
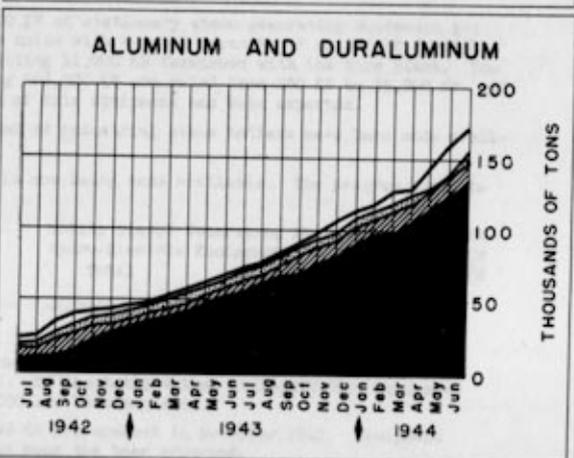
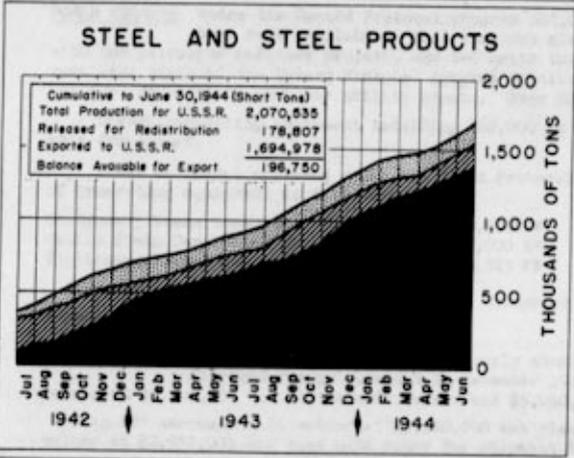
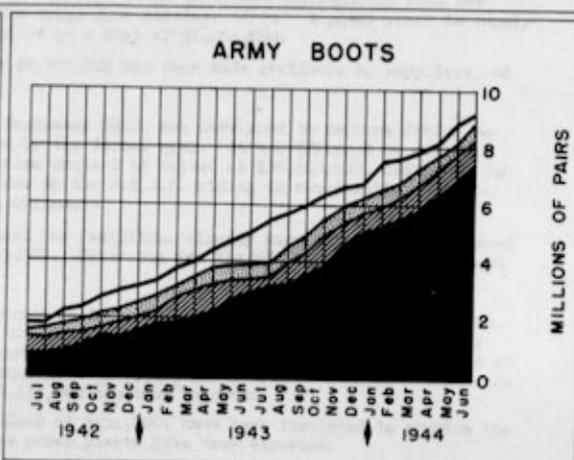
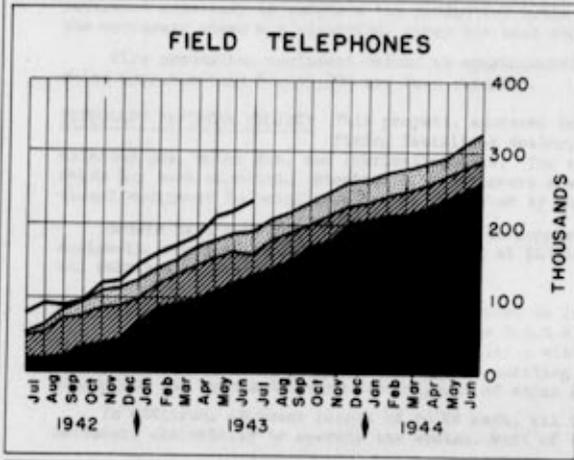
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State Dept. Letter, 1-11-72
By J. Schauble Date FEB 2 1972

EXPORTS AND AVAILABILITY OF SELECTED ITEMS

CUMULATIVE SINCE OCTOBER 1, 1941



— Quantity made available at U.S. centers of production



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

As of June 30, 1944

TIRE PLANT This \$10,000,000 project, approved for procurement in November 1942, 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, the tire plant of the Ford Motor Company was purchased. The basic elements of the Ford plant have been supplemented with new equipment necessary to complete the production cycle for large size military tires. A power plant to supply the necessary steam and electrical power has been supplied at a cost of \$1,204,000.

Tire production equipment valued at approximately \$8,500,000 has been made available by suppliers, of which approximately \$7,255,000 has been exported.

PETROLEUM REFINERY PROJECT This project, approved in September 1942, was developed to replace Soviet refining facilities destroyed by the German Army. It was designed to produce aviation gas, motor gas, and lubricating oils. The entire project is valued at \$39,600,000, nearly all of which has been exported. Nineteen U.S. engineers are now in the U.S.S.R. aiding in construction. Additional equipment is being supplied as requested by the engineers.

Orders have gone forward for additions to supplement the facilities already supplied. This additional equipment, approved in April 1944, is valued at \$27,140,000. Contracts for the additions have been placed and fabrication has begun.

R.R. BLOCK SIGNAL SYSTEM This project, approved in January 1943, 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 \$10,961,000, will provide signal and signal operating equipment for 3,000 Km of track. Equipment valued at \$6,464,000 has been made ready for shipment of which \$2,415,000 has been exported.

In addition, 42 power plants of 40 KW each, all valued at \$434,000, have been furnished to provide the necessary electricity to operate the system. Most of the power plants have been exported.

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 totalling 11,000 KW furnished with the tire plant. The remaining units of the Second Protocol program totalling 268,500 KW are rated from 250 KW to 35,000 KW and are for installation as power utility plants. Over 90% of this equipment has been exported.

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

Power equipment approved under the Third Protocol is now being made available. 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 Equipment	106,925 KW	Total	590,575 KW

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

ROLLING MILLS An aluminum rolling mill to supply aluminum sheet for the U.S.S.R. aircraft industry was approved for procurement in December 1941. Of the total valued at \$6,377,000, equipment valued at \$6,305,000 has left manufacturers and \$5,040,000 has been exported.

An 18" merchant mill valued at \$3,620,000 was placed in procurement in November 1942. Equipment valued at \$2,982,000 has been made ready for shipment but none has been exported.

A pipe fabricating mill was approved in February 1943, at a cost of \$1,252,000. Equipment valued at \$600,000 has been manufactured but none has been exported.

A blooming mill, rail and structural mill, and a R.R. tie plate and splice bar mill, all estimated to cost \$14,000,000, were placed in production in November 1943. None of this equipment has been made available to date.

STEEL EXPANSION PROGRAM Since December 1942, auxiliary equipment for expansion of existing U.S.S.R. steel facilities has been approved for procurement. The equipment, when installed in the U.S.S.R., is expected to increase Soviet production of carbon steel ingots by 2,500,000 tons a year.

To date, equipment valued at \$13,300,000 has been placed in production, \$3,768,000 has been made available at suppliers and \$925,000 has been exported.

OTHER PLANTS

	Date Approved	Cost	Made Available in U.S.	Exported
Wall Board Plant	11/17/42	\$ 537,000	\$ 524,000	0
Glass Bulb and Tubing Plant	3/17/43	1,468,000	75,000	0
Voltol Pilot Plant	4/22/43	73,000	73,000	73,000
Nitric Acid Plant	11/27/42	528,000	447,000	394,000
Hydrogen Gas Plant	5/29/42	532,000	532,000	67,000
Hydrogen & Catalyst Plants	11/ 9/42	2,617,000	1,157,155	

Note: Above data have been adjusted to eliminate estimated costs of engineering and services.

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

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

As of June 30, 1944

Date of Sailing	Number of Vessels Sailing					Arrived	En Route as of June 30	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	87	-	-	2	-
1944 Jan	30	26	-	27	83	82	-	-	1	3
Feb	17**	16	-	19	52	51	-	-	1	1
Mar	16	21	-	18	55	52	1	-	2	1
Apr	-	35	-	25	60	59	-	-	1	3
May	-	36	-	40	76	49	27	-	-	-
Jun	-	24	9	43	76	9	67	-	-	-
Total Oct. 1941 to June 30, 1944	360	465	64	753	1,642	1,422	95	52	73	73

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

Of the 1,642 sailings from October 1, 1941 to June 30, 1944, 781 were made by American vessels, 533 by Soviet vessels, 302 by American vessels transferred to Soviet registry, 25 by British vessels and 1 by a Swedish vessel. In addition to the 1,566 sailings, there were 107 ships that loaded partial cargoes in the U.S. for the U.S.S.R. In addition to the 73 ships shown above as lost, several ships have been sunk on their return voyages.

ACTUAL SHIPMENTS COMPARED WITH PROTOCOL SHIPPING OBJECTIVES
 July 1943 - June 1944
 FIGURES IN LONG TONS

	Atlantic Route	Pacific Route	Total
Protocol Objective Shipments	2,142,852	2,410,716	4,553,568
Shipments in % of Objective	3,310,200*	2,589,000	5,899,200
	154.5%	107.4%	129.5%

* Includes 154,000 tons of petroleum products from Abadan for U.S. Protocol account, the material being replaced to U.S. State Dept. Letter, 1-11-72

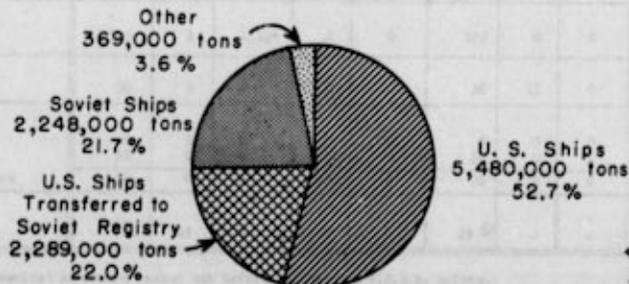
By J. Schauble Date FEB 2 1972

STATEMENT OF CARGO SHIPPED TO U.S.S.R.
As of June 30, 1944
 (Thousands of Gross Long Tons)

	For North Russia	For Persian Gulf			For Soviet Arctic	For Soviet Far East		Total	Arrived	En Route as of June 30	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	639	-	-	14	-
1944 Jan	222	202	-	11	-	176	-	611	608	-	-	3	22
Feb	127	114	-	13	-	100	-	354	346	-	-	8	3
Mar	110	152	-	15	-	91	-	368	347	7	-	14	8
Apr	-	275	-	19	-	134	-	428	424	-	-	4	18
May	-	287	-	20	-	264	-	571	347	224	-	-	-
Jun	-	187	-	21	28	307	-	543	77	466	-	-	-
Total Oct. 1941 to June 30, 1944	2,240	3,395	149	154*	213	4,232	3	10,386	8,929	697	279	481	481

* Petroleum products by rail ex Abadan for U.S. account, replaced to U.K. from U.S..

DISTRIBUTION OF TONNAGE SHIPPED TO JUNE 30, 1944
BY REGISTRY OF SHIPS



DATA ARE GROSS LONG TONS

DECLASSIFIED
 State Dept. Letter, 11-17-80
 By J. Schauble Date FEB 2 1972

SECRET

AIRCRAFT DELIVERIES TO U.S.S.R.

October 1, 1941 to June 30, 1944

Protocol requirements are 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 June 30, 1944		Lost in North America		Departed North America	Lost After Departure	Diverted to Others	En Route N. A. to Destination 6/30/44	Arrived at Destination	Delivered to U.S.S.R. at Destination
		In U.S.	In Canada and Alaska	In U.S.	In Canada and Alaska						
BY ROUTES											
Alaskan-Siberian Ferry Route	4,774	230	132(62)*	60	45	4,307	0	0	0	4,307	4,307
South-Atlantic Ferry Route to Abadan	1,055	4	0	16	0	1,035	43	1	4	987	943
Water to North Russia	1,483	0	0	0	0	1,483	310	1	3	1,169	1,169
Water to Persian Gulf Assembly at Abadan	4,093	56	0	1	0	4,036	236	0	166	3,654	3,438
Total	11,405	290	132(62)*	77	45	10,861	589	2	153	10,117	9,857
BY TYPE OF PLANE											
Pursuit Planes											
P-40 Alsb	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	0	900	900
P-40 Persian Gulf, Water	872	15	0	0	0	857	54	0	66	737	(3)** 926 ^{b/}
P-40 Persian Gulf, Water-U.K. Account	300	0	0	0	0	300	0	0	0	300	300
P-39 Alsb	895	43	32(14)*	8	13	799	0	0	0	799	799
P-39 Alsb-U.K. Account	1,637	52	41(26)*	28	17	1,499	0	0	0	1,499	1,499
P-39 Alsb-Reimbursement Account	30	0	0	0	3	27	0	0	0	27	27
P-39 North Russia, Water	57	0	0	0	0	57	7	0	0	50	50
P-39 North Russia, Water-U.K. Account	35	0	0	0	0	35	5	0	0	30	30
P-39 North Russia, Water-Reim. Acct.	28	0	0	0	0	28	0	0	0	28	28
P-39 Persian Gulf, Water	1,051	0	0	0	0	1,051	38	0	10	1,003	(1)**
P-39 Persian Gulf, Water-U.K. Acct.	893	0	0	0	0	893	53	0	10	830	(1)** 884 ^{b/}
P-39 Persian Gulf, Water, Reim. Acct.	121	0	0	0	0	121	0	0	0	121	(1)**
P-47 Alsb	3	0	0	0	0	3	0	0	0	3	3
P-47 North Russia, Water	3	0	0	0	0	3	0	0	0	3	3
P-47 Persian Gulf, Water	197	41	0	1	0	155	12	0	60	83	58
P-63 North Russia, Water	3	0	0	0	0	3	0	0	0	3	3
P-63 Alsb - U.K. Account	85	58	27(18)*	0	0	0	0	0	0	0	0
P-63 Alsb	63	52	11(2)*	0	0	0	0	0	0	0	0
Total Pursuit Planes	7,472	261	111(60)*	37	35	7,028	417	1	146	6,464	(6)**6,258
Light Bombers											
A-20 Alsb	1,297	23	18(0)*	22	9	1,225	0	0	0	1,225	1,225
A-20 South Atlantic	927	4	0	16	0	907	39	1	4	863	819 ^{b/}
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	(7)** 550 ^{b/}
Total Light Bombers	3,026	27	18(0)*	38	9	2,934	157	1	4	2,772	(7)**2,720
Medium Bombers											
B-25 Alsb	387	1	2(1)*	0	1	383	0	0	0	383	383
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	520	1	2(1)*	0	1	516	4	0	0	512	512
Heavy Bombers											
B-24 Alsb	1 ^{a/}	0	0	0	0	1	0	0	0	1	1
Cargo Planes											
C-47 Alsb	326	1	1(1)*	2	0	322	0	0	0	322	322
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)** 25
Patrol Bombers											
PBN Patrol Bombers	48	19	0	0	0	29 ^{d/}	-	-	-	-	-

* At Fairbanks.

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

^{a/} One heavy bomber carrying a U.S. Mission became stranded in Siberia and was transferred to the Soviet Government.

^{b/} As of June 30, 1944, 1,369 A-20's, 926 P-40's, 1,884 P-39's were reported departing Abadan with U.S.S.R. pilots.

^{c/} One B-25 previously refused by U.S.S.R. at Fairbanks and returned to Great Falls for adjustments now en route to Fairbanks.

^{d/} One B-25 previously refused by U.S.S.R. at Fairbanks and returned to Great Falls for adjustments now returned to Fairbanks.

^{e/} Not included in totals above. No information available after departure from North America.

By J. Schauble Date

FEB 1972

EXPORTS AND AVAILABILITY

As of June 30, 1944

SECRET
Sheet 1

Item	Third Protocol Performance July 1, 1943 - June 30, 1944		Exported		Cumulative Performance - 1st, 2nd, and 3rd Protocols October 1, 1941 to June 30, 1944						
	Third Protocol Offering a	Made Available To Date b	During June, 1944	7/1/43-6/30/44	Made Available c	Exported	Arrived d	Lost	Diverted After Export	In U. S. Awaiting Forwarding e	Balance Enroute 6/30/44 f
I AIRCRAFT AND EQUIPMENT f											
Aircraft											
(For U.S. Protocol Account)											
I 1A Pursuit Planes	2,400	2,396	157	2,337	4,343	4,125					
1B Light Bombers	1,200	1,205	61	1,212	3,026	2,934					
1C Medium Bombers	300	300	34	310	520	516					
1D Heavy Bombers	0	0	0	0	1	1					
1E Transport Planes	240	246	12	239	326	322					
1F Flying Boats, FBW	0	48	21	29	48	29					
1G Observation Planes	0	0	0	0	30	30					
1H Advanced Trainers	0	0	0	0	30	30					
(For U.K. Protocol Account)											
(Under Reciprocal Agreement)											
I 1A Pursuit Planes	1,800	1,800	168	1,732	2,950	2,727					
(For Reimbursement Account)											
I 1A Pursuit Planes	0	0	0	0	179	176					
I 6A Link Trainers	0	10	0	5	10	5	5	0	0	0	0
6B Aircraft Landing Mats (1000 sq. feet)	0	3,293	0	3,293	3,293	3,293	3,293	0	0	0	0
II MILITARY SUPPLIES f											
Combat Vehicles											
II-1A1 Light Tanks	0	0	0	0	1,680	1,680	1,237	443	0	0	0
II-1A2 Medium Tanks	2,000	1,814	52	1,758	3,350	3,306	2,816	405	0	0	85
II-1B1 Self-Propelled Guns, AT 76 mm.	0	5	0	5	5	5	5	0	0	0	0
II-1B2 Self-Propelled Guns, AT 57 mm.	0	650	0	650	650	650	650	0	0	0	0
II-1B3 Self-Propelled Guns, AT 3"	0	50	0	50	52	52	52	0	0	0	0
II-1B4 Self-Propelled Guns, AA .37 mm.	0	100	0	100	100	74	74	0	0	0	26
II-1B5 Self-Propelled Guns, AA .50 Cal.	0	1,000	3	1,000	1,000	1,000	997	0	0	0	3
II-1C Half Tracks	600	462	1	411	797	740	664	54	0	0	22
II-1D Armored Scout Cars	4,500	2,641	171	1,921	3,568	2,835	2,436	218	0	0	181
Universal Carriers	0	0	0	0	0	0	0	0	0	0	0
Total	7,100	6,722	227	5,895	11,202	10,368	8,931	1,120	0	0	317
Ordnance Service Vehicles											
II-2A Field Repair Trucks	0	683	48	800	1,183	1,104	1,067	3	0	0	34
II-2B Tank Recovery Units	0	136	0	130	136	130	130	0	0	0	0
II-2C Tank Transporters (204 40 ton)	0	276	8	208	376	284	256	20	0	0	8
Total	0	1,095	56	1,138	1,695	1,518	1,453	23	0	0	42
Trucks											
II-3A1 Jeeps (1/2 ton 4x4)	24,000	19,262	215	18,214	44,394	40,662	34,676	3,657	1,378	0	951
II-3A2 Jeeps, Amphibian	0	3,010	625	2,798	3,012	2,800	2,763	0	0	0	437
II-3B1 Trucks, 1/4 ton	0	13,326	1,817	10,992	18,130	15,640	12,031	78	598	0	2,931
II-3B2 Trucks, 1/2 ton	0	53,607	4,112	56,388	113,050	110,619	92,773	4,316	1,820	1,446	8,258
II-3B3 Trucks, 3/4 ton	132,000	55,913	4,290	53,304	115,289	108,768	93,612	4,176	704	3,418	6,866
II-3C Trucks, 5 ton and over	0	0	0	0	54	54	54	0	0	0	0
II-3D Trucks, Special Purpose	0	630	58	517	651	538	468	0	0	0	0
II-3E Truck Tractor Trailers	0	906	214	852	906	870	498	6	0	0	62
II-3F (Engines for Trucks)	0	(2,977)	(238)	(3,065)	(3,500)	(3,432)	(3,332)	(0)	(0)	(0)	364
Total Trucks	156,000	146,654	11,331	143,065	295,486	279,951	236,477	14,233	4,526	4,866	19,869
Other Vehicles & Track-Laying Tractors											
II-4A1 Motorcycles	12,000	14,232	485	12,716	26,332	24,116	20,018	1,790	1,100	0	1,228
II-4B1 Tractors, Prime Mover Type	2,400	2,559	86	2,610	5,607	4,503	3,971	242	0	0	290
Artillery and Ammunition											
II-5A1 AA Guns, 90 mm.	0	120	0	136	224	224	196	8	0	20	0
II-5A2 AA Guns, 40 mm.	0	5,401	0	5,320	5,581	5,395	4,815	196	0	0	364
II-5A3 AA Guns, 37 mm.	0	0	0	0	424	424	340	16	0	68	0
II-5A4 AA Machine Guns, 50 Cal.	0	1,200	0	1,125	2,000	1,925	1,525	0	0	400	0
II-5A7 AA Guns, 4.7"	0	4	4	4	4	4	0	0	0	0	4
II-5B1 AT Guns, 37 mm.	0	0	0	0	63	63	35	28	0	0	0
II-5B2 AT Guns, 57 mm.	0	0	0	0	0	0	0	0	0	0	0
II-5C1 Submachine Guns, 45 Cal.	0	5,555	0	2,850	140,122	135,633	111,293	23,190	0	0	1,150
II-5D1 Pistols and Revolvers	0	7,500	500	13,000	13,000	13,000	11,000	1,500	0	0	500
II-5F Mortars	0	0	0	0	30	30	30	0	0	0	0
II-5G Smoke Pots	0	941,355	49,218	866,539	946,355	871,539	777,521	0	0	0	94,018
II-5J Rocket Launchers	0	0	0	0	3,000	3,000	3,000	0	0	0	0

Notes: a U.S.S.R. selections from U.S. offerings were in excess of the aggregate of shipping commitments and necessary stocks. Although shipping exceeded commitments, production control provisions of the Protocol were exercised and reduced quantities made available below offerings in some instances.
 b From production or assignments in addition to quantities made available but not exported at the end of the Second Protocol period and after deductions of quantities repossessed or diverted before export.
 c From production or assignments (Lend-Lease and cash purchases) after deductions of quantities repossessed or diverted before export.
 d Includes shipments for clearance through the Persian Corridor reported arrived in the Persian Gulf.
 e Data on discharge operations in U.S. incomplete.
 f Ammunition, spare parts and other equipment supplied in accordance with U.S. standards.

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

Item	Third Protocol Performance July 1, 1943- June 30, 1944		Exported		Cumulative Performance - 1st, 2nd, and 3rd Protocols October 1, 1941 to June 30, 1944						
	Third Protocol Offering a	Made Available To Date b	During June, 1944	7/1/43-6/30/44	Made Available c	Exported d	Arrived e	Lost f	Diverted After Export g	In U. S. K. Awaiting Forwarding h	Balance Enroute 6/30/44 i
II MILITARY SUPPLIES (cont.)											
Explosives (tons)											
II-6A1 Smokeless Powder	70,700	88,721	1,420	81,864	135,225	119,977	109,137	4,910	0	0	5,930
II-6A2 Stick Powder		2,083	377	1,609	2,083	1,609	1,078	0	0	0	531
II-6A3 Other Powder		**	0	**	**	**	**	**	**	**	**
II-6A4 Cordite Powder		100	0	100	919	636	536	0	0	0	0
II-6B T.M.T.		35,840	**	4,123	64,468	**	98,336	85,021	3,849	290	0
II-6C Ammonite, (Dynamite)	0	12,346	0	12,306	22,173	18,617	18,617	0	0	0	0
II-6D Picric Acid	0	697	0	1,028	1,486	1,385	1,147	92	0	0	146
II-6E Cellulysin, (Nitrocellulose in Alcohol) (\$1000)	0	357	694	8,136	5,460	3,505	1,339	86	69	69	461
II-6F Detonators, Blasting Supplies, etc. (\$1000)	**	0	0	0	**	0	0	0	0	0	0
II-6G (Other Explosives and Components)	**	0	0	0	**	0	0	0	0	0	0
Total Explosives	108,540	103,947	6,277	162,069	**	246,020	219,141	10,190	336	69	16,284
Wireless Communication Equipment											
II-7A1 Radio Stations over 1 KW, Marine	**	0	**	**	**	**	**	**	**	**	**
II-7A2 Radio Stations 1 KW and Under, Marine	61	22	1	11	**	11	11	0	0	0	0
II-7B1 Radio Stations, 1 KW and Under, Marine	**	0	**	**	**	**	**	**	**	**	**
II-7B2 Radio Stations, 1 KW and Under, Other	15,718	2,478	15,338	**	27,034	24,578	821	32	0	0	1,603
II-7C1 Radio Receivers, Marine	**	0	**	**	**	**	**	**	**	**	**
II-7C2 Radio Receivers, Other	2,230	3,291	386	3,169	**	3,626	2,974	19	0	0	633
II-7D1 Radio Locators, Marine	0	16	9	**	**	**	**	**	**	**	**
II-7D2 Radio Locators, Ground	0	**	0	**	**	**	**	**	**	**	**
II-7D3 Radio Locators, Aircraft	0	16	9	**	**	**	**	**	**	**	**
II-7E Radio Direction Finders	150	113	32	64	**	64	32	0	0	0	32
II-7F Radio Altimeters	0	10	0	0	**	0	0	0	0	0	0
II-7G Radio Beacons	0	288	29	276	**	276	202	25	0	0	49
II-7H Radio Tubes (1000 units)	2,400	2,434	**	**	**	**	**	**	**	**	**
II-7I Radio Components, Parts & Access. (\$1000)	3,000	1,008	174	1,285	**	2,576	2,453	5	0	0	118
II-7J Radio Mess. & Test. Equip. (\$1000)	**	1,015	225	816	**	1,010	836	2	0	0	172
Construction Machinery (\$1000)											
II-8A Road and Airport Construction Equip.	0	526	33	526	606	606	429	108	0	0	69
II-8B Tractor Mounted Construction Equip.	0	531	6	437	557	437	411	0	0	0	6
II-8C Mixers and Pavers	0	362	3	183	670	323	323	0	0	0	0
II-8D S.K. Construction Equipment	0	26	55	491	635	609	502	0	0	0	107
Total	0	1,445	97	1,997	2,468	1,955	1,665	108	0	0	182
R.R. Transportation Equipment											
II-9A1 Steam Locomotives	500	601	60	339	601	339	273	6	0	0	60
II-9B1 Flat Cars	10,000	2,756	216	1,640	2,756	1,640	1,352	54	0	0	234
II-9B2 Dump Cars	0	370	20	50	370	50	20	0	0	0	30
II-9B3 Tank Cars	0	30	0	97	100	97	97	0	0	0	0
Total	10,500	3,757	296	2,126	3,827	2,126	1,742	60	0	0	324
Medical Supplies (\$1000)											
II-10 Medical Supplies (Protocol Items Only)	12,000	13,962	**	**	**	**	**	**	**	**	**
Other Military Items											
II-11A Cableway Bridges	0	15	0	15	15	15	15	0	0	0	0
II-11C Portable Pipeline	0	2	0	2	2	2	2	0	0	0	0
II-11D Flashlights/ Dry Cells	0	45,000	15,000	75,000	100,000	100,000	100,000	0	0	0	0
III NAVAL AND MARINE EQUIPMENT											
Ships, Except Combat											
III-1A Dry Cargo Vessels, Transferred	-	8	2	8	60g	60g					
1B Tankers, Transferred	-	5	(-)	5	12h	12h					
1C Icebreakers, Transferred	0	1	0	1	1	1					
1F Steam Schooner	0	1	1	1	1	1					
1G Pneumatic Pontoons	0	0	0	0	3,000	3,000	3,000	0	0	0	0
Combat Ships											
III-2A Submarine Chasers, 110'	0	23	11	23	23	23	45	2	0	0	0
2B Submarine Chasers, 65'	0	63	0	47	63	47	45	3	7	0	6
2C Torpedo Boats	0	76	0	49	88	61	45	0	0	0	0
2D Minesweepers	10	10	0	10	10	10	10	0	0	0	0
2E Landing Craft	0	40	0	30	40	30	30	0	0	0	0
Marine Propulsion Machinery, etc.											
III-3A Marine Diesel Engines	773	1,320	200	972	1,670	1,321	1,082	9	0	0	230
3B Marine Gasoline Engines	156	1,787	300	2,241	3,640	3,479	3,048	46	0	65	320
3C Outboard Motors	0	1,100	0	750	1,300	900	900	0	0	0	0
3E Shafting and Ship Propellers (\$1000)	0	69	53	69	69	69	16	0	0	0	53
3F Steering Gears (\$1000)	0	0	0	43	43	43	0	0	0	0	0
3G Storage Batteries for Submarines	15	6	0	7	22	22	20	0	0	2	0
3H Parts and Equip. for Marine Propulsion Mach. (\$1000)	0	430	134	430	573	573	385	13	0	0	175

Notes: All tons are short tons (2000 lbs. each) net weight.

** Data not available.

a U.S.S.R. shipments from U.S. offerings were in excess of the aggregate of shipping commitments and necessary stocks. Although shipping exceeded commitments, production control provisions of the Protocol were exercised and reduced quantities made available below offerings in some instances.

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

c Subsections of quantities represented or diverted before export.

d From production or assignments (Lend-Lease and cash purchases) after deductions of quantities represented or diverted before export.

e Includes shipments for clearance through the Persian Corridor reported arrived in the Persian Gulf.

f Data on discharge operations in U.S. incomplete.

g Armament, spare parts and other equipment supplied in accordance with U.S. standards.

h 66 Dry cargo vessels transferred of which 6 were returned to the U.S. during Third Protocol period.

i 16 Tankers transferred of which 4 were returned to the U.S. during Third Protocol period.

DECLASSIFIED

State Dept. Letter, 1-11-73

By J. Schauble Date

EEB

2 1972

Item	Third Protocol Performance July 1, 1943- June 30, 1944		Exported		Cumulative Performance - 1st, 2nd, and 3rd Protocols October 1, 1941 to June 30, 1944							
	Third Protocol Offering a	Made Available To Date b	During June, 1944	7/1/43-6/30/44	Made Available c	Exported	Arrived d	Lost	Diverted After Export	In U. K. Awaiting Forwarding e	Balance Enroute 6/30/44 f	
III NAVAL AND MARINE EQUIPMENT												
(cont.)												
Special Ship Equipment												
III-4A Salvage Stations and Diving Gear (\$1000)	(40 units)	841	3	729	841	729	719	2	0	0	8	
4B Jettying Apparatus (\$1000)	(20 sets)	112	0	109	112	109	44	0	0	0	65	
4C Submarine Rescue Chambers	1	1	0	1	1	1	1	0	0	0	0	
4E Distilling Apparatus (\$1000)	0	36	0	36	36	36	36	0	0	0	0	
4G Misc. Special Ship Equip. (\$1000)	0	3	0	3	3	3	3	0	0	0	0	
2D Training Equip. for Minesweepers (\$1000)	0	122	122	122	122	122	0	0	0	0	122	
Naval Artillery and Ammunition												
III-5A 3"/.50 Cal. D.D. Guns	200	523	15	447	523	523	421	6	0	36	60	
5B 5"/.38 Cal. D.D. Guns	0	50	0	144	150	144	132	6	0	0	6	
5C .50 Cal. Machine Guns	0	1,348	300	1,100	1,574	1,408	408	0	0	0	700	
5F Orlikon Guns	500	900	0	1,118	1,900	1,898	1,487	111	150	0	150	
5H Ammunition, Naval			Furnished with Armament									
IV FOODSTUFFS, ETC. (tons) f												
IV-1A Wheat		26,465	0	26,465	55,713	55,713	55,113	600	0	0	0	
1B Wheat Flour		294,822	9,883	294,822	532,614	532,614	506,603	8,587	5,062	0	12,362	
1C1 Other Grains		2,208	0	2,208	5,362	5,362	5,362	0	0	0	0	
1C2 Other Flour		16,181	6,560	16,181	27,522	27,522	21,222	0	0	0	6,300	
1C3 Other Basic Grain Mill Prods.		8,335	150	8,335	22,954	22,954	22,683	130	0	0	141	
1C4 Other Finished Cereals and Prods.		32,463	2,084	32,463	86,268	86,268	82,615	1,065	528	0	2,060	
1D Dried Peas and Beans		107,048	1,998	107,048	219,175	219,175	186,155	7,905	23,138	0	1,977	
1E1 Seeds, Lent-Beans		8,148	0	8,148	16,644	16,644	16,626	18	0	0	0	
1E2 Seeds, R.V.R.	g	(346)	(22)	(346)	(2,056)	(2,056)	(2,035)	(0)	(0)	(0)	(21)	
Total	h	500,000	495,670	20,675	495,670	966,252	966,252	896,379	18,305	28,728	0	22,840
IV-2A Sugar from U.S.		112,000	245,972	13,691	245,972	416,921	416,921	361,797	16,481	12,364	0	26,279
2B Sugar from Other Sources	h	224,800	49,856	0	49,856	76,373	76,373	66,323	0	0	0	10,050
IV-3A Dehydrated Meat		6,994	378	6,994	7,671	7,671	7,052	0	0	0	619	
3B Tunbnoks		145,554	11,084	145,554	150,649	150,649	129,597	1,446	0	0	19,606	
3C Other Canned Meats		120,040	5,440	120,040	350,675	350,675	305,024	17,426	14,842	581	12,802	
Total	i	207,345	272,588	16,902	272,588	508,995	508,995	441,673	18,872	14,842	581	33,027
IV-4A Lard		102,755	1,539	102,755	172,535	172,535	146,144	7,098	16,846	0	2,427	
4B1 Fat Cuts		119,373	2,500	119,373	210,089	210,089	202,025	3,198	4,142	0	724	
4B2 Sealed Meats		4,328	75	4,328	16,389	16,389	15,569	499	302	0	19	
4B3 Sausage & Meat Preparations		99	5	99	263	263	263	0	0	0	27	
4C1 Butter	(39,200)	39,558	44	39,558	51,356	51,356	49,567	1,010	735	0	44	
4C2 Butter Oil		961	961	961	961	961	0	0	0	0	961	
4C3 Carters' Spread		9,014	1,986	9,014	9,014	9,014	6,233	37	0	0	2,744	
4D Other Animal Fats and Oils		8,122	168	8,122	23,500	23,500	22,173	637	539	0	151	
Total		347,200	284,210	7,278	284,210	484,107	484,107	441,967	12,479	22,564	0	7,097
IV-5A1 Vegetable Oil in Bulk		166,703	16,440	166,703	277,357	277,357	260,245	672	0	0	16,440	
5A2 Vegetable Oil in Drums		3,980	195	3,980	13,010	13,010	12,801	37	0	0	172	
5B Shortening		13,317	75	13,317	25,537	25,537	23,035	286	2,140	0	76	
5C Oleomargarins		36,050	33	36,050	40,813	40,813	39,414	537	0	0	862	
Total	j	222,760	220,050	16,743	220,050	356,717	356,717	335,495	1,532	2,140	0	17,550
IV-6A Canned Milk		7,105	430	7,105	12,404	12,404	11,720	282	0	0	402	
6B Dried Milk		33,025	597	33,025	50,004	50,004	44,118	896	4,394	0	596	
6C Dried Eggs		38,836	1,253	38,836	69,839	69,839	57,300	4,675	5,296	0	2,568	
6D Cheese		15,935	582	15,935	19,656	19,656	18,764	295	0	0	597	
6E1 Soy Flour		36,616	510	36,616	39,010	39,010	36,947	1,442	0	0	621	
6E2 Soy Grits		17,948	0	17,948	18,108	18,108	18,108	0	0	0	0	
6F Fruit & Veg. Pastes & Purees		3,233	154	3,233	3,659	3,659	3,518	0	0	0	141	
6G Concentrated Juices		1,347	4	1,347	1,723	1,723	1,726	0	0	0	1	
6H Dried Fruits		366	66	366	1,049	1,049	983	0	0	0	66	
6I Dried & Dehy. Vegetables		3,776	422	3,776	4,333	4,333	3,917	0	0	0	416	
6J Dried Soups		6,594	168	6,594	6,865	6,865	6,691	105	0	0	69	
6K Concentrated Cereals		6,551	45	6,551	7,691	7,691	7,596	95	0	0	0	
Total		177,000	171,332	4,231	171,332	234,341	234,341	211,384	7,790	9,690	0	5,477
IV-7A Soap		1,454	184	1,454	6,258	6,258	6,019	111	0	0	128	
7B Soap Stock		0	0	0	322	322	0	0	322	0	0	
Total		11,200	1,454	184	1,454	6,580	6,580	6,019	111	322	0	128

Notes: All tons are short tons (2000 lbs. each) net weight.

- a U.S.S.R. selections from U.S. offerings were in excess of the aggregate of shipping commitments and necessary stocks. Although shipping exceeded commitments, production control provisions of the Protocol were exercised and reduced quantities made available below offerings in some instances.
- b From production or assignments in addition to quantities made available but not exported at the end of the Second Protocol period and after deductions of quantities repossessed or diverted before export.
- c From production or assignments (Lend-Lease and cash purchases) after deductions of quantities repossessed or diverted before export.
- d Includes shipments for clearance through the Persian Corridor reported arrived in the Persian Gulf.
- e Data on discharge operations in U.K. incomplete.
- f Foodstuffs made available as exported.
- g Seeds forwarded by Russian War Relief, Inc. not considered in fulfillment of Protocol commitments omitted from totals.
- h By agreement commitment for "Wheat, Flour, Cereals, etc." increased by 100,000 tons offsetting reduction of "Sugar, from Other Sources".
- i By agreement canned meat commitment reduced by 2.17 tons for each ton of dehydrated meat shipped.
- j Commitment for vegetable oil reduced by 2240 short tons by transfer to the U.K. under Article V of the Third Protocol. U.K. to supply 2240 short tons of coconut oil.

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State Dept. Letter, 1-11-78

By J. Schauble Date FEB 2 1978

Item	Third Protocol Performance July 1, 1943- June 30, 1944		Exported		Cumulative Performance - 1st, 2nd, and 3rd Protocols October 1, 1941 to June 30, 1944						
	Third Protocol Offering a	Made Available To Date b	During June, 1944	7/1/43-6/30/44	Made Available c	Exported d	Arrived e	Lost f	Diverted After Export g	In U. K. Awaiting Forwarding h	Balance Enroute 6/30/44 i
IV FOODSTUFFS, ETC. (tons) (Cont.)											
IV-A1 Canned Fruits		18	0	18	249	349	349	0	0	0	0
IV-A2 Canned Vegetables		614	32	646	1,419	1,419	1,386	0	0	0	33
IV-A3 Fresh Fruit		60	9	69	64	64	55	0	0	0	9
IV-A4 Fresh Vegetables		1,171	140	1,311	1,241	1,241	1,100	0	0	0	141
IV-A5 Vitamins		278	44	322	278	278	440	5	36	0	45
IV-A6 Meat		529	39	568	838	838	687	0	112	0	39
IV-A7 Tea		254	4	258	876	876	872	0	0	0	4
IV-A8 Coffee		4,053	1	4,054	6,817	6,817	6,256	0	560	0	1
IV-A9 Salt		590	269	859	2,126	2,126	1,894	0	0	0	232
IV-A10 Spices		1,154	1	1,155	1,225	1,225	1,224	0	0	0	1
IV-A11 Flavoring Extracts		28	13	41	200	200	185	2	0	0	13
IV-A12 Meats, Bones From Turkey		3,638	0	3,638	3,638	3,638	3,638	0	0	0	0
IV-A13 Other Meats		1	0	1	58	58	58	0	0	0	0
IV-A14 All Other Foodstuffs		1,604	7	1,611	2,404	2,404	2,395	1	0	0	8
IV-A15 Fat		5,626	2,344	7,970	7,602	7,602	5,258	0	0	0	2,344
Total		19,458	2,905	22,363	29,403	29,403	25,816	8	708	0	2,871
Total Foodstuffs (short tons)	1,802,305	1,760,750	82,609	1,760,750	3,079,689	3,079,689	2,786,853	75,578	91,358	581	125,339
V MACHINERY AND EQUIPMENT (\$1000) f											
V-1 Engines & Turbines, General Purpose		3,403	79	4,921	8,345	8,992	5,948	883	0	0	161
V-2a Compressors, Marine		248	0	79	356	127	127	0	0	0	0
V-2b Compressors, Other		5,132	298	5,740	8,316	7,964	6,529	340	0	0	1,095
V-3a Pumps, Marine		1,069	81	1,150	1,131	679	605	0	0	0	34
V-3b Pumps, Other		5,174	377	4,393	7,259	6,362	4,843	193	0	0	1,122
V-4 Crushing & Mixing Machinery & Equipment		4,109	459	4,256	6,142	5,203	4,167	83	0	0	953
V-5 Conveyors & Conveying Systems		998	184	505	1,315	641	387	0	0	0	254
V-6 Winches, Marine		283	0	213	316	229	151	0	0	0	78
V-6B Cranes, Derricks & Galleys, Other		11,550	1,060	8,052	13,808	9,871	8,420	55	0	0	1,396
V-7 Industrial Trucks & Tractors		2,000*	211	1,991	4,084*	3,984	3,429	64	0	11	480
V-8a Fan and Blower Equipment, Marine		90	5	489	513	513	484	0	0	0	29
V-8B Fan and Blower Equipment, Other		802	32	506	839	509	286	0	0	0	223
V-9 Mech. Power Transmission Equipment		19	0	36	55	55	55	0	0	0	0
V-10 Bearings		10,814	1,181	9,755	15,461	13,484	12,311	213	0	0	942
V-11 Valves and Steam Specialties		3,964	10	2,399	5,207	3,601	3,641	58	0	0	82
V-12 Miscellaneous General Purpose Industrial Machinery		3,062	450	2,404	3,702	2,793	2,381	4	0	0	328
V-13a1 Electric Rotating Equipment, Marine		1,364	561	1,035	1,370	1,039	313	0	0	0	726
V-13a2 Electric Rotating Equipment		5,789	807	8,093	11,065	10,971	9,929	349	3	0	690
V-13b1 Generator Sets, Military	4,000	13,980*	924	5,520	23,500*	23,414	21,785	490	0	0	1,139
V-13b2 Generator Sets, Marine		3,474	1,514	3,574	4,869	4,869	3,413	0	0	0	1,456
V-13b3 Generator Sets, Other		44,786	3,481	35,798	59,423	40,910	37,438	74	0	0	3,338
V-14 Primary Electric Power Transmission Equipment		1,665	136	2,076	2,947	2,479	2,362	6	0	0	111
V-15 Power Conversion Equipment		2,390	55	982	2,445	1,038	74	270	0	0	54
V-16a Secondary Distribution Equipment, Marine		67	33	67	67	67	67	0	0	0	0
V-16B Secondary Distribution Equipment, Other		344	30	436	1,015	956	945	7	0	0	4
V-17 Motor Starters & Controllers		110	1	187	663	661	574	33	23	0	21
V-18 Electric Lamps		25	1	71	303	87	87	0	0	0	0
V-19 Miscellaneous Electric Equipment		1,600	91	1,366	2,019*	1,792	1,572	3	0	15	168
V-20 Food Products Machinery		57	39	257	660	285	243	4	0	0	38
V-21 Textile Industries Machinery		190	10	252	995	957	837	109	0	0	11
V-22 Pulp & Paper Industry Machinery		0	124	318	365	341	212	5	0	0	124
V-23 Printing Trades Machinery & Equip.		44	0	0	44	44	44	0	0	0	0
V-24a Tire Plant		3,918	391	3,918	7,345	7,345	6,946	5	0	0	394
V-24B Rubber Working Machinery		0	0	0	0	0	0	0	0	0	0
V-25 Woodworking Machinery		576	24	293	684	373	356	12	0	0	5
V-26 Metal Working & Heating Furnaces		8,603	1,269	6,763	15,768	13,824	11,270	645	0	0	1,929

Notes: All tons are short tons (2000 lbs.) net weight.

a U.S.S.R. selections from U.S. offerings were in excess of the aggregate of shipping commitments and necessary stocks. Although shipping exceeded commitments, production control provisions of the Protocol were exercised and reduced quantities made available below offerings in some instances.

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

c From production or assignments (lend-lease and cash purchases) after deductions of quantities repossessed or diverted before export.

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

e Date on discharge operations in U.K. incomplete.

f Reclassification of Protocol items includes detailed measurement of fulfillment of individual commitments.

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

	Third Protocol Performance July 1, 1943- June 30, 1944		Exported		Cumulative Performance - 1st, 2nd, and 3rd Protocols October 1, 1941 to June 30, 1944							
	Third Protocol Offerings a	Made Available To Date b	During June 1944	7/1/43-6/30/44	Made Available c	Exported	Arrived d	Lost	Diverted After Export	In U.S. Awaiting Forwarding e	Balance Enroute 6/30/44 f	
MACHINERY AND EQUIPMENT (\$1,000) (cont.)												
V-27 Blast & Reverberatory Furnaces	///	1,652	29	657	1,667	667	659	0	0	0	0	
V-28 Foundry Equipment	///	378	152	348	976	657	518	15	0	0	124	
V-29 Spec. Ind. Furnaces, Kilns & Ovens	///	3	0	5	84	5	3	0	0	0	2	
V-30A Petroleum Refinery Plants	///	38,248	1,236	39,803	49,232	43,235	40,307	263	0	0	2,765	
V-30B Petroleum Refinery Machinery	///	186	0	106	197	110	108	0	0	0	2	
V-31 Spec. Machinery for Glass Industry	///	212	0	198	249	198	174	0	0	0	24	
V-32 Spec. Machinery for Chem. Mfg. Ind.	///	587	501	641	755	641	147	0	0	0	494	
V-33 Gas Generating & Prod. Apparatus	///	7,019	731	3,230	8,446	3,696	3,215	0	0	0	451	
V-34A Misc. Spec. Industry Machines	///	4,307	896	2,301	5,085	3,120	1,989	5	0	0	1,126	
V-34B Cartridge Manufacturing Lines	///	12,946	2,736	14,265	29,418	26,681	23,845	110	0	0	2,726	
V-35 Machine Tools	///	113,800	15,664	162,421	275,000*	214,022	208,669	8,094	0	92	28,167	
V-36 Rolling Mills & Auxiliary Equip.	///	7,376	259	1,230	12,691	5,469	5,465	0	1	0	3	
V-37 Drawing Machines	///	1,117	-	202	1,117	202	202	0	0	0	0	
V-38 Other Finery Metal Forming Machinery & Equipment	///	243	30	304	304	304	304	0	0	0	0	
V-39 Secondary Metal Forming Machinery & Equipment	///	25,100	6,436	25,809	56,000	38,685	30,558	966	27	0	7,134	
V-40 Welding Machinery, Marine & Other	///	3,598	120	3,921	4,884	4,664	3,661	59	0	0	744	
V-41 Testing & Measuring Equip.	///	1,445	228	895	1,561	1,211	985	25	0	0	201	
V-42 Misc. Metal Working Equipment	///	109	-	4	109	109	101	8	0	0	0	
V-43 Portable Metal Working Machines and Tools	///	1,581	38	1,516	2,447	2,343	2,308	4	0	0	31	
V-44A Coated Carbide Cutting Tools	///	2,010	287	1,782	3,466	2,856	2,607	11	0	0	238	
V-44B Metal Cutting Tools	///	10,824	1,428	10,349	28,473	24,742	23,458	55	0	0	1,229	
V-45 Cutting and Forming Tools	///	12	0	0	12	0	0	0	0	0	0	
V-46 Attach. & Access. for Mach. Tools	///	1,692	285	1,272	2,313	1,845	1,583	47	0	0	237	
V-47 Tool Room Spec. of Other Attach.	///	406	253	406	566	409	368	0	0	0	0	
V-48 Agri. Mach. & Implements	///	356	128	420	733	496	368	0	0	0	241	
V-49 Mining & Quarrying Machinery	///	0	0	0	0	0	0	0	0	0	128	
V-50 Earth & Rock Boring & Drilling Machinery and Accessories	///	3,375	43	3,988	6,371	5,155	4,115	48	0	0	992	
V-51 Well & Blast Hole Drilling Mach.	///	1,387	202	3,615	6,344	5,271	4,978	0	0	0	295	
V-52 Renewing & Dredging Machinery	///	7,602	1,365	8,998	19,560	17,311	13,218	362	1,005	0	2,726	
V-53 Misc. Construction Equipment	///	905	0	682	1,011	773	773	0	0	0	0	
V-54 Office Machines	///	50	0	-	50	48	48	0	0	0	0	
V-55 Misc. Machinery	///	605	225	577	1,134	742	515	2	0	0	225	
V-56B Teletype Apparatus	///	663	148	934	2,279	956	753	6	0	0	197	
V-58C1 Field Telephones (Units)	100,000	4,620	643	6,187	15,540	15,073	12,291	1,754	26	0	1,002	
V-58C2 Other Tel. & Tel. Equipment	///	9,130	1,737	7,759	9,590	8,141	5,417	48	0	0	(28,449)	
V-58D Sound Equipment	///	214	2	214	486	486	476	4	0	0	6	
V-58E Automatic Clock & Signal System	///	0	1,999	2,980	6,030	2,080	765	0	0	0	1,315	
V-59A Ind. Type Locom. Cars & Parts	///	325	0	618	1,146	1,074	1,047	25	0	0	2	
V-59B Mine Type Locom., Rail Cars & Parts	///	99	0	74	118	74	74	0	0	0	0	
V-60 Passenger Vehicles and Parts	///	133	-	195	195	173	169	3	0	0	1	
V-61 Airconditioning & Refrig. Equip.	///	42	0	42	42	42	42	0	0	0	0	
V-62A Lighting Fixtures, Marine	///	409	54	429	409	409	358	0	0	0	51	
V-62B Lighting Fixtures, Other	///	41	3	70	256	253	219	13	0	0	1	
V-63 Photographic Equipment	///	483	21	593	1,806	1,546	1,058	75	0	392	21	
V-64A Opt., Ind., Record., & Control Inst.	///	2,100	192	1,696	3,768	2,983	2,700	52	0	0	231	
V-64B Navigation Instruments	///	21	0	21	48	48	48	0	0	0	0	
V-65 Professional & Scientific Instru.	///	566	228	540	928	877	617	38	0	0	222	
V-66 Misc. Equipment	///	185	1	138	431	381	346	34	0	0	1	
V-67 Hand Tools, Non-Powered	///	15	12	745	2,179	2,063	2,035	17	0	0	11	
V-68 Mechanic's Measuring Tools	///	1,607	263	1,645	1,974	1,905	1,700	1	0	0	204	
V-69A Power Boilers, Marine	///	11	6	18	18	18	7	0	0	0	11	
V-69B Power Boilers, Industrial	///	8,145	2,342	5,235	9,290	5,345	2,903	0	0	0	2,342	
Total Machinery & Equipment		460,000†	420,005	55,201	442,445	786,033	655,589	541,903	16,069	1,085	510	76,022

Notes: All tons are short tons (2000 lbs.) net weight.
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 ‡ From production or assignments (Lease-Lease and cash purchases) after deductions of quantities repossessed or diverted before export.
 § Includes shipments for clearance through the Persian Corridor reported arrived in the Persian Gulf.
 ¶ Date on discharge operations in U.S. incomplete.
 †† Includes estimates of costs of Marine and Naval Equipment.

DECLASSIFIED
 State Dept. Letter, 1-11-78
 FEB 2 1972
 By J. Schauble Date

Item	Third Protocol Performance July 1, 1943 - June 30, 1944		Exported		Cumulative Performance - 1st, 2nd, and 3rd Protocols October 1, 1941 to June 30, 1944							
	Third Protocol Offerings a	Made Available To Date b	During June, 1944	7/1/43-6/30/44	Mtts Available c	Exported	Arrived d	Lost	Diverted After Export	In U. K. Admitting Forwarding e	Balance Enroute 6/30/44 f	
VI MATERIALS AND PRODUCTS												
Steel (tons)												
VI-1-10 Miscal	/	11,671	2,279	24,027	30,961	29,568	21,900	968	0	0	6,700	
VI-1-14 Armor Plate	/	0	0	0	8,951	8,951	5,787	2,897	267	0	0	
VI-1-16 Polished Drill Rods	/	235	33	268	492	457	411	2	0	0	44	
VI-1-17 High Speed Tool Steel	/	4,778	54	4,991	9,768	9,161	8,490	579	22	0	69	
VI-1-18 Tool Steel	/	14,285	232	14,174	29,174	27,315	24,893	1,239	48	107	1,048	
VI-1-19 Cold Finished Bars	/	25,805F	1,633	48,559	131,600F	119,458	105,682	6,724	671	509	5,872	
VI-1-20 H.R. Aircraft Steel	/	58,296F	7,546	103,952	171,632F	165,168	145,376	2,880	0	292	16,620	
VI-1-21 Cr. St. Mn. Billets	/	49F	2,253	4,499	96,282F	83,785	68,190	9,705	509	1,918	3,463	
VI-1-22 Cold Rolled Sheets	/	1,187F	1,819	2,507	86,929F	83,251	49,360	29,653	1,709	996	2,133	
VI-1-22A Cold Rolled Strip	/	(-126,905F)	149	8,477	75,909F	72,939	59,184	11,339	798	311	1,307	
VI-1-23 Stainless Steel	/	3,890	3	3,625	9,426	7,410	7,185	98	0	0	127	
VI-1-24 Tinplate	/	46,628	9,321	35,224	129,590	110,938	81,873	11,274	2,871	0	14,920	
VI-1-25 Steel Wire	/	(-123,338F)	3,769	31,278	89,596F	87,051	74,924	5,082	673	38	6,354	
VI-1-26 Wire Rope	/	4,337F	1,766	12,087	29,908F	26,482	24,886	789	0	29	778	
VI-1-27 Steel Alloy Tubing	/	29,821	868	26,862	51,474	34,753	31,769	336	53	0	2,595	
VI-1-28 Stainless Steel Wire	/	449	3	341	2,867	2,644	2,493	94	13	0	44	
VI-1-31 Barbed Wire & Staples	/	(-16,582F)	123	2,566	52,498F	48,331	37,230	10,538	203	99	261	
VI-1-32 Pipe and Tubing	/	41,632F	4,869	55,008	165,977F	115,708	88,937	16,189	1,654	0	8,928	
VI-1-33 H.R. Sheets & Plates	/	61,525F	21,329	88,122	239,299F	199,782	155,268	19,180	2,357	1,041	21,946	
VI-1-34 Wire Nails and Tacks	/	3,329	1,234	3,462	9,711	7,097	6,384	43	0	0	678	
VI-1-101 R.R. Nails and Accessories	/	206,691	17,017	244,860	370,911	355,937	299,209	23,072	1,421	0	32,235	
VI-1-102 Mounted Sets, Wheels & Axles	/	0	867	22,027	24,330	24,149	22,241	90	0	0	1,818	
VI-1-103 Car Axles	/	0	0	15,979	36,506	35,554	30,248	1,367	0	164	3,775	
VI-1-104 Locomotive & Car Wheel Tires	/	9,184	1,055	16,184	22,162	21,767	17,664	53	0	0	4,030	
VI-1-105 Bulled Steel Car Wheels	/	10,692	3,035	15,034	19,264	16,868	11,991	0	0	0	4,877	
VI-1-107 Locomotive Axles	/	0	0	141	253	252	0	0	0	0	0	
VI-1-108 Electric Locomotive Axles	/	0	0	0	300	222	222	0	0	0	0	
Total Steel		500,000	477,799	81,177	784,254	1,891,728	1,694,978	1,382,049	154,171	13,269	4,905	140,584

Note: f The following quantities released from U.S.S.R. export stocks for redistribution have been deducted from amounts made available.

	July 1943 to June 30, 1944	Oct. 1941 to June 30, 1944		July 1, 1943 to June 30, 1944	Oct. 1941 to June 30, 1944
Cold Finished Bars	945	956	Wire Rope	350	430
H.R. Aircraft Steel	409	482	Barbed Wire and Staples	6,585	17,127
Cr. St. Mn. Billets	0	18,102	Pipe and Tubing	(-15,669)	60,197
Cold Rolled Sheets	382	3,342	H.R. Sheets and Plates	1,152	17,396
Cold Rolled Strip	28,414	28,414			
Steel Wire	32,361	32,361	Total Released (tons)	54,929	178,807

Notes: All tons are short tons (2000 lbs.) net weight.

- a U.S.S.R. selections from U.S. offerings were in excess of the aggregate of shipping commitments and necessary stocks. Although shipping exceeded commitments, production control provisions of the Protocol were exercised and reduced quantities made available below offerings in some instances.
- b From production or assignments in addition to quantities made available but not exported at the end of the Second Protocol period and after deductions of quantities reprocessed or diverted before export.
- c From production or assignments (Lend-Lease and cash purchases) after deductions of quantities reprocessed or diverted before export.
- d Includes shipments for clearance through the Persian Corridor reported arrived in the Persian Gulf.
- e Data on discharge operations in U.K. incomplete.

DECLASSIFIED
State Dept. Letter, 1-11-72
EEB 2/19/72
By J. Schauble Date

Item	Third Protocol Performance July 1, 1961- June 30, 1964		Exported		Cumulative Performance 1st, 2nd and 3rd Protocols October 1, 1961 to June 30, 1964						
	Third Protocol Offerings a	Made Available To Date b	During June 1964	7/1/61-6/30/64	Made Available c	Exported d	Arrived e	Lost f	Diverted After Export g	In U.S. Smelting Forwarding h	Balance Enroute 6/30/64 i
VI MATERIALS & PRODUCTS (Cont.)											
Ferro Alloys (tons)											
VI-2A Ferro-Silicon	9,406	94	112	4,121	8,117	8,078	6,512	1,609	0	28	169
VI-2B Ferro-Chromium	5,376	0	0	2,155	4,113	4,150	3,646	494	0	0	0
VI-2C Ferro-Manganese	///	0	0	0	4	4	4	0	0	0	0
VI-2D Ferro-Vanadium	///	223	0	223	225	225	225	0	0	0	0
VI-2E Ferro-Tungsten	///	571	0	571	573	573	573	0	0	0	0
VI-2F Ferro-Molybdenum	///	1,142	0	1,071	1,142	1,071	1,071	0	0	0	0
VI-2G Manganese Metal	///	0	0	11	11	11	11	0	0	0	0
VI-2H Other Ferro Alloys	///	0	0	0	0	0	0	0	0	0	0
Total Ferro Alloys	14,784	2,007	112	8,152	14,185	14,102	12,362	1,543	0	28	169
Non-Ferrous Metals (tons)											
VI-3A Copper, Electrolytic	—	14,360	7,640	14,389	15,506	15,392	2,152	0	0	0	13,240
VI-3A1 Copper Tubes, etc.	15,000	13,342	152	11,876	11,470	26,249	23,488	1,194	36	62	1,469
VI-3A2 Copper Base Alloys	107,500	123,868	1,032	113,759	276,790	245,948	213,489	17,014	0	125	16,320
VI-3A3 New Copper Cable & Wire	20,000	3,849	615	2,694	6,638	5,418	4,366	0	0	0	1,052
VI-3B Aluminum Ingots & Wire (incl. Fabricated aluminum)	35,760	71,998	13,986	64,796	110,423	102,476	85,233	5,294	0	0	11,949
VI-3B1 Aluminum Full	0	64	3,027	20,840	62,865	53,285	47,731	2,393	0	0	3,147
VI-3C Magnesium	4,032	4,235	629	4,221	6,252	5,787	5,338	0	0	0	469
VI-3B1 Pig Nickel	3,600	4,400	150	3,612	9,122	8,114	7,286	828	0	0	0
VI-3D1 Monal Scrap	952	4,150	338	413	413	413	413	0	0	0	0
VI-3D2 Nichrome Wire & Strip	538	510	44	514	1,239	1,222	1,062	115	0	0	45
VI-3D4 Other Nichrome Basic Shapes	—	267	107	267	762	695	563	0	0	0	132
VI-3D5 Nickel Foil	—	0	0	3	5	5	5	0	0	0	0
VI-3D6 Other Pure Nickel Shapes	—	153	11	140	260	246	222	13	0	0	11
VI-3E1 Tin	0	0	0	0	10	10	10	0	0	0	0
VI-3E2 Tin Foil	0	0	0	0	52	52	49	3	0	0	0
VI-3E3 Babbitt	0	131	5	54	237	156	86	20	0	0	50
VI-3F Zinc	13,440	15,012	1,348	15,012	54,272	54,272	49,652	2,363	0	0	2,297
VI-3G Lead	0	0	0	34	43	43	43	0	0	0	0
VI-3H1 Cadmium	112	112	37	112	313	313	313	0	0	0	0
VI-3H2 Cerium	0	0	0	4	18	18	18	0	0	0	0
VI-3H3 Cobalt	81	120	26	110	288	255	255	0	0	0	0
VI-3H4 Mercury	0	0	0	30	895	895	895	0	0	0	0
VI-3H5 Sodium	0	391	0	341	1,493	1,444	1,168	258	0	0	18
VI-3H9 Misc. Non-Ferrous Metals	0	12	1	10	12	10	10	0	0	0	0
Total Non-Ferrous Metals	201,035	282,782	29,148	252,903	579,340	523,876	444,005	29,455	36	201	50,179
Other Metals and Products											
VI-4A Molybdenum Concentrates (tons)	4,000	3,842	297	3,842	12,313	12,313	10,586	1,430	0	0	297
VI-4B Misc. Metallic Dross, Tailings & Concentrates (tons)	—	0	0	0	3	3	3	0	0	0	0
VI-5 Pig Iron (tons)	—	5,673	729	3,360	8,188	5,264	4,535	0	0	0	729
VI-6A1 Marine Cable (wires)	766	401	116	461	1,682	1,364	977	129	0	0	258
VI-6A2 Submarine Cable (wires)	373	74	0	255	839	833	783	50	0	0	0
VI-6A3 Field Telephone Wire (wires) (\$1000)	186,000	182,356	12,664	255,655	934,016*	934,016	775,411	127,617	197	3,754	27,037
VI-6A4 Other Insulated Wire & Cable (\$1000)	—	21,451	3,784	29,733	45,120	39,484	30,857	756	0	0	7,873
VI-6A5 Copper Magnet Wire (\$1000)	—	23	—	48	148	111	108	0	0	0	3
VI-6B1 Wire Cloth & Screen (\$1000)	1,000	737	108	611	1,733	1,405	1,335	7	0	0	63
VI-6B2 Wire Netting & Fencing (tons)	—	86	0	120	328	278	278	0	0	0	0
VI-6C Fab. Structural Iron & Steel (tons)	—	2,279	0	1,021	2,791	1,796	1,736	0	0	0	0
VI-6D Chains & Attachments (tons)	—	**	73	1,392	**	1,810	1,745	0	0	0	65
VI-6E Bolts, Nuts, Screws, Washers, Rivets, etc. (tons)	—	1,486	516	1,830	5,230	2,526	2,010	0	0	0	516
VI-6F Other Fabricated Metal Basic Products (\$1000)	—	105	0	101	143	139	139	0	0	0	0
VI-6G Special Fine Wires, Strip, etc. (tons)	269	188	56	188	431	431	351	4	0	0	56
VI-6H Sucker Rods (tons)	—	419	0	419	1,072	1,072	1,072	0	0	0	0
VI-7A Anchors (tons)	—	**	0	220	**	349	339	0	0	0	10
VI-7B Other Metal End Products (\$1000)	—	753*	13	477	1,357	770	696	6	0	0	68

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

* Initiated

** Not available.

a U.S.S.R. selections from U.S. offerings were in excess of the aggregate of shipping commitments and necessary stocks. Although shipping exceeded commitments, production control provisions of the Protocol were exercised and reduced quantities made available below offerings in some instances.

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

c From production or assignments (land-lifts and cash purchases) after deductions of quantities reprocessed or diverted before export.

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

e Data on discharge operations in U.S. Inco-lets.

f Ferro-Vanadium, Ferro-Tungsten and Ferro-Molybdenum substituted in smaller quantities for Ferro-Silicon and Ferro-Chromium.

g Production reduced to reduce unacceptably large stocks.

h Full offering not desired by U.S.S.R.

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

Item	Third Protocol Performance 7/1/43-6/30/44		Exported		Cumulative Performance 1st, 2nd and 3rd Protocols October 1, 1941 to June 30, 1944						
	Third Protocol Offerings a	Made Available to Date b	During June 1944	7/1/43-6/30/44	Made Available c	Exported	Arrived d	Lost	Diverted After Report	In U.K. Awaiting Forwarding e	Balance Enroute 6/30/44 f
VI MATERIALS AND PRODUCTS (cont.)											
Petroleum Products & Additives (tons)											
VI-9A Aviation Gas over 99 Octane	/	/	11,652	68,103	/	152,228	120,223	0	20,789	0	11,216
VI-9B Aviation Gas over 87 Octane through 99	/	/	0	107	/	81,695	69,828	2,069	9,310	0	488
VI-9C Aviation Gas 87 Octane & Under	/	/	0	1,089	/	1,976	1,976	0	0	0	0
VI-9D Automotive Gas	/	/	12,566	35,594	/	83,951	58,803	0	11,682	0	12,566
VI-9E Gasoline Blending Agents	/	/	33,665	292,639	/	439,433	348,775	17,068	12,373	0	41,417
VI-9F Kerosene	/	/	925	3,985	/	7,846	7,058	0	0	0	888
VI-9G Fuel Oils	/	/	7,437	49,582	/	76,048	67,440	0	0	0	8,608
VI-9H Lubricating Oils & Greases	/	/	2,773	11,940	/	34,431	30,209	1,678	0	0	2,744
VI-9I Petroleum Waxes	/	/	669	1,886	/	5,634	4,401	204	199	0	830
VI-9J Chemical Additives	/	/	667	1,826	/	4,353	2,982	0	81	0	1,290
VI-9K Other	/	/	0	3	/	80	80	0	0	0	0
Sub Total	/	/	70,354	466,754	/	867,275	711,775	21,019	34,434	0	80,047
From U.K. for U.S. Account (Replacement to U.K. from U.S.)	-	-	-	-	-	-	-	-	-	-	-
Aviation Gas over 99 Octane	-	-	0	18,293	-	28,489	28,489	0	0	0	0
Total	360,000	485,047 f	70,354	485,047	895,764 f	895,764	740,264	21,019	34,434	0	80,047
From U.K. for U.S. Account (Replacement to British from U.S.)	-	-	-	-	-	-	-	-	-	-	-
Aviation Gas over 99 Octane	120,000	23,520 f	23,520	171,920	171,920 f	171,920	171,920	-	-	-	-
Gasoline Blending Agents	-	-	-	-	-	-	-	-	-	-	-
Shipments from U.K. to U.S.S.R. as Replacements	-	-	-	-	-	-	-	-	-	-	-
Aviation Gas over 99 Octane	-	-	-	-	-	(17,148)	-	-	-	-	-
Aviation Gas 87 through 99	-	-	-	-	-	(14,719)	-	-	-	-	-
Additional U.S. Allocation to U.S.S.R. at U.K. Expense as Replacement for Diversion to U.K.	-	-	-	-	-	-	-	-	-	-	-
Aviation Gas over 99 Octane	-	-	-	-	-	(20,789)	-	-	-	-	-
Gasoline Blending Agent	-	-	-	-	-	(9,182)	-	-	-	-	-
Chemicals											
Basic Inorganic (tons)											
VI-10A1 Ammonium Chloride	/	/	(-1,808)	0	75	2,997	726	726	0	0	0
VI-10A2 Ammonium Nitrate	/	/	(-12,406)	0	0	3,394	3,394	2,602	113	0	69
VI-10A3 Ammonium Sulphate	/	/	0	0	0	3	3	0	0	0	0
VI-10A4 Barium Peroxide	/	/	(-) 201	0	24	131	131	131	0	0	0
VI-10A5 Boric Acid	/	/	784	420	644	1,243	1,103	515	168	0	419
VI-10A6 Calcium Carbide	/	/	356	10	313	611	482	440	0	0	42
VI-10A7 Calcium Chloride	/	/	262	261	334	816	816	726	0	0	90
VI-10A8 Caustic Soda	40,320	35,598	6,380	39,174	63,097	63,020	55,631	706	0	0	6,683
VI-10A9 Phosphorus	/	/	(-) 448	0	590	2,850	2,555	2,070	485	0	0
VI-10A10 Potassium Carbonate	/	/	392	224	728	728	728	504	0	0	224
VI-10A11 Potassium Chlorate	/	/	162	0	457	1,344	990	850	0	0	40
VI-10A12 Potassium Dichromate	/	/	424	13	478	872	838	825	0	0	13
VI-10A13 Potassium Nitrate	/	/	(-) 1,051	0	1,014	2,560	2,178	2,041	0	0	137
VI-10A14 Potassium Sulphate	/	/	(-) 1,246	0	175	580	580	535	0	45	0
VI-10A15 Potassium Tetraoxide	21	205	0	252	450	420	409	11	0	0	0
VI-10A16 Soda Ash	/	/	802	363	1,229	2,191	1,863	1,500	0	0	363
VI-10A17 Sodium Cyanide	/	/	328	105	360	528	360	180	0	0	180
VI-10A18 Sodium Bromide	/	/	(-) 337	0	142	2,138	1,812	1,420	334	43	15
VI-10A19 Thorium Nitrate	/	/	0	0	12	12	12	6	0	0	0
VI-10A20 Sodium Dichromate	/	/	537	157	736	1,137	1,062	826	54	0	182
VI-10A99 Misc. Inorganic Chemicals	/	/	563	152	650	1,190	1,084	908	17	0	159
Basic Organic (tons)											
VI-10B1 Acetone	6,720	5,387	640	4,870	6,288	5,776	4,070	527	0	0	1,799
VI-10B2 Aniline Oil	/	/	(-) 1,191	0	0	3,521	3,521	2,466	927	16	112
VI-10B3 Anthracene	/	/	0	0	0	9	9	9	0	0	0
VI-10B4 Butyl Acetate	/	/	1,769	392	1,425	1,428	1,428	1,222	96	0	510
VI-10B5 Butyl Alcohol	/	/	2,628	792	2,628	2,628	2,628	1,407	103	0	1,118
VI-10B6 Caspator	/	/	330	34	330	330	330	214	0	0	116
VI-10B7 Casin	/	/	2,444	24	1,947	2,444	1,947	1,923	0	0	24
VI-10B8 Citric Acid	/	/	560	0	560	1,096	1,096	1,040	56	0	0
VI-10B9 Cresole	/	/	0	0	0	443	292	231	61	0	0
VI-10B10 Dibutyl Phthalate	/	/	466	124	4,868	5,706	4,868	3,796	859	70	143
VI-10B11 Diethylene Glycol	/	/	184	0	352	552	526	526	0	0	0
VI-10B12 Diethyl Aniline	/	/	0	0	126	2,510	2,302	1,797	420	0	85
VI-10B13 Diphenylamine	/	/	0	0	3	2,080	1,489	1,233	256	0	0
VI-10B14 Diphenylguanidine	/	/	135	28	222	380	337	273	0	0	64
VI-10B15 Ethyl Acetate	/	/	1,314	196	1,314	1,316	1,316	842	0	0	474
VI-10B16 Ethyl Alcohol from U.S.	161,371	20,187	9,288	141,371	161,524	161,524	147,586	159	0	0	13,799
Ethyl Alcohol from U.K. for U.S. Account Replacement to U.S. from U.S.	107,520	20,187	0	20,187	20,187	20,187	20,187	0	0	0	0

Notes: All tons are short tons (2000 lbs.) net weight.
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 c From production or assignments (land-leases and cash purchases) after deductions of quantities reprocessed or diverted before export.
 d Includes shipments for clearance through the Persian Corridor reported arrived in the Persian Gulf.
 e Data on discharge operations in U.K. incomplete.
 f Petroleum products made available as exported.

Item	Third Protocol Performance July 1, 1943-June 30, 1944				Cumulative Performance 1st, 2nd and 3rd Protocol October 1, 1941 to June 30, 1944							
	Third Protocol Offerings a	Made Available To Date b	During June 1944	7/1/43-6/30/44	Made Available c	Exported	Arrived d	Lost	Diverted After Export	In U.S. Awaiting Forwarding e	Balance Through 6/30/44 f	
VI MATERIALS & PRODUCTS (Cont.)												
Chemicals												
Basic Organics (Tons)												
VI-10817 Ethylene Chlorohydrin	/	300	0	220	231	231	231	0	0	0	0	
VI-10818 Ethylene Dichloride	/	(-2,550)	0	293	2,065	2,062	2,062	0	0	0	0	
VI-10825 Ethylene Glycol	3,360	1,795	3	4,134	8,744	8,665	8,116	189	0	0	360	
VI-10820 Formaldehyde	/	0	0	0	560	484	432	62	0	0	0	
VI-10821 Formalin	/	300	49	299	300	299	249	0	0	0	50	
VI-10822 Glycerine from U. S. Glycerine, Lead Lease	6,700	2,152	358	3,522	11,818	10,679	10,000	301	0	0	358	
VI-10823 Hexamine (Triethylene)	/	5,478	0	5,478	5,478	5,478	5,478	0	0	0	0	
VI-10824 Methanol	6,700	6,374	351	6,727	14,430	12,245	11,315	357	191	31	347	
VI-10825 Naphthoic Acid	6,700	3,374	220	5,566	20,375	18,584	14,067	3,242	371	495	409	
VI-10826 Phenol	/	0	0	127	600	127	127	0	0	0	0	
VI-10827 Potassium Butyl Xanthogenate	11,160	9,166	564	10,252	27,025	25,000	21,858	1,732	170	72	1,188	
VI-10828 Resorcin	/	633	280	794	1,329	1,237	921	56	0	0	280	
VI-10829 Rhodamine	/	0	50	51	120	111	72	0	0	0	49	
VI-10830 Saccharin	/	0	0	1	4	6	6	0	0	0	0	
VI-10831 Strontium Oxalate	/	191	40	178	378	363	345	10	0	0	8	
VI-10832 Toluol	40,390	21,254	0	27,350	63,124	63,124	57,764	3,192	399	415	1,394	
VI-10833 Trichloroethylene	/	28	28	140	252	252	224	0	0	0	28	
VI-10834 Paraphenylene & Para-tert-butylphenol	/	215	40	371	424	424	354	0	0	0	68	
VI-10899 Misc. Organic Chemicals	/	1,412	242	1,401	2,237	1,780	1,535	25	0	0	220	
VI-100 Gases, Compressed & Liquefied	/	25	0	0	32	7	7	0	0	0	0	
Paints, Pigments, etc.												
VI-10821 Paints, varnishes, lacquers, etc.	/	531	137	397	878	628	498	0	0	0	130	
VI-10822 Carbon & Lamp Glass	/	2,454	196	209	2,469	2,447	2,251	0	0	0	196	
VI-10823 Other Pigments	/	1,839	170	690	2,508	1,324	1,156	52	0	0	116	
VI-10829 Dryers, etc.	/	5	0	5	12	12	12	0	0	0	0	
VI-108 Fertilizers	/	0	0	0	0	0	0	0	0	0	0	
VI-108 Insecticides	/	0	12	12	0	12	0	0	0	0	12	
Plastics												
VI-1001 Phenol Formaldehyde Resins	/	0	22	374	1,218	1,188	1,087	79	0	0	22	
VI-1002 Vulcanized Fiber	/	1,479	254	2,732	4,557	4,368	3,274	496	3	39	556	
VI-1003 Cellulose Film Base	/	297	40	251	470	392	335	0	0	0	57	
VI-1009 Other Plastics	/	24	0	4	82	71	71	0	0	0	0	
Misc. Chemicals including Industrial												
VI-1081 Ammonia Rubber Paste	/	145	119	160	476	476	357	0	0	0	119	
VI-1082 Ethyl Cellulosite	/	1,110	0	1,084	1,802	1,392	1,392	0	0	0	0	
VI-1083 Borax Compounds	/	933	214	578	1,444	960	766	0	0	0	214	
VI-1084 Misc. Platinic Reagents	/	480	163	438	480	438	233	22	0	0	163	
VI-1085 Twitball Reagent	/	224	0	402	731	619	619	0	0	0	0	
VI-1086 Photoglatin	/	112	16	81	151	120	104	0	0	0	16	
VI-10899 Other Chemicals	/	198	8	66	566	445	395	44	0	0	6	
Offering Misc. Chemicals	9,200	0	0	0	0	0	0	0	0	0	0	
Total Chemicals	238,781	267,256	23,157	302,982	479,420	460,411	409,679	15,221	1,272	1,233	33,006	

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

VI-1041 Ammonium Chloride	1,828 (Tons)	VI-1082 Aniline Oil	2,191 (Tons)
VI-1042 Ammonium Nitrate	2,406 "	VI-10810 Dibutylphthalate	149 "
VI-1044 Barium Peroxide	201 "	VI-10814 Diphenylguanidine	13 "
VI-1049 Phosphorus	1,027 "	VI-10818 Ethylene Dichloride	866 "
VI-10413 Potassium Nitrate	1,051 "	VI-10819 Ethylene Glycol	7 "
VI-10414 Potassium Sulphate	1,246 "	VI-10824 Nitrocellulose	622 "
VI-10418 Sodium Bromide	765 "	VI-10832 Toluol	10,091 "
VI-10499 Potassium Permanganate	11 "	VI-1082 Ethyl Cellulosite	20 "
		Total Chemicals Released	22,494 *

Item	Third Protocol Offerings a	Made Available To Date b	During June 1944	7/1/43-6/30/44	Made Available c	Exported	Arrived d	Lost	Diverted After Export	In U.S. Awaiting Forwarding e	Balance Through 6/30/44 f	
Textiles												
VI-114 Cotton Cloth (1000 yds)	26,045	f (-)368	15,199	63,610	f 89,520	83,878	64,803	2,662	0	0	16,413	
VI-118 Woolen Cloth (1000 yds)	18,000	f 13,886	1,928	27,245	f 42,168	36,457	30,426	1,258	0	0	4,773	
VI-112 Webbing (1000 yds)	12,000	f 17,706	413	13,368	42,356	35,055	29,118	2,427	0	0	3,510	
VI-113 Tarpanite (1000 yds)	3,000	f 3,465	0	0	f 11,458	0	0	0	0	0	0	
VI-114 Other Cloth (1000 yds)	0	0	0	0	0	0	0	0	0	0	0	
VI-117 Cordage & Twine (Tons)	4,480	7,847	101	5,988	8,421	6,990	6,853	90	0	0	47	
VI-110 Other Basic Textiles (\$1000)	0	2,584	513	2,288	2,665	2,297	1,671	0	0	0	626	
VI-124 Fish Yarn (Tons)	0	668	27	430	800	489	408	0	0	0	81	
VI-128 Other Textile Products (\$1000)	0	3,913	287	2,737	6,009	3,887	2,841	206	0	0	760	
Leather												
VI-13 Leather (Tons)	18,000	18,147	2,765	18,303	43,450	41,578	33,752	4,797	469	0	2,600	
VI-14 Leather Products (\$1000)	0	61	2	18	73	29	27	0	0	0	2	
Rubber												
VI-15 Grade Rubber (Tons)	0	0	0	0	0	0	0	0	0	0	0	
VI-184 Vitaxam (Tons)	0	355	92	440	687	648	545	27	0	0	76	
VI-188 Other Synthetic Rubber (Tons)	0	0	0	34	504	504	504	0	0	0	0	
VI-178 Shock Absorber Cord (yds)	0	32,383	0	5,000	229,752	171,111	166,111	5,000	0	0	0	
VI-179 Other Rubber Materials (\$1000)	0	2,148	379	3,095	3,888	3,579	3,191	68	0	0	270	
VI-184 Tires (1000 units)	0	2,885	112	1,466	2,643	2,623	2,300	96	61	0	166	
VI-184 Tubes (1000 units)	0	1,409	112	1,479	2,792	2,580	2,356	94	63	0	167	
VI-189 Rubber Base (\$1000)	0	3,828	439	4,687	6,113	5,504	4,648	155	0	0	881	
VI-180 Other Rubber Products except Apparel (\$1000)	0	9,367	2,154	10,838	13,600	12,375	9,535	176	0	0	2,666	

Note: All tons are short tons (2000 lbs.) net weight.

00 Data not available.

a U.S.S.R. selections from U.S. offerings were in excess of the aggregate of shipping commitments and necessary stocks. Although shipping exceeded commitments production control provisions of the Protocol were exercised and reduced quantities made available below offerings in some instances.

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

c From production or assignments (Lead-Lease and cash purchases) after deductions of quantities repossessed or diverted before export.

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

e Data on discharge operations in U.S. incomplete.

f 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.

VI-114 Cotton Cloth (1000 yds.)	17,418
VI-118 Woolen Cloth (1000 yds.)	1,379
VI-113 Tarpanite (1000 yds.)	213

Item	Third Protocol Performance 7/1/43-6/30/44		Exported		Cumulative Performance 1st, 2nd and 3rd Protocols October 1, 1941 to June 30, 1944						
	Third Protocol Offering a	Made Available to Date b	During June 1944	7/1/43-6/30/44	Made Available c	Exported	Arrived d	Lost	Diverted After Export	In U.K. Awaiting Forwarding e	Balance Enroute 6/30/44 e
VI MATERIALS AND PRODUCTS (cont.)											
Footwear											
VI-19A Army Boots (1000 pra.)	3,600	4,074	703	4,887	9,142	8,835	7,364	570	6	0	895
VI-19B Ski-Boots (1000 pra.)		100	0	154	225	213	209	0	0	0	4
VI-19C Rubber Boots and Shoes (\$1000)		-	134	15	670	1,062	930	907	0	0	0
VI-19D Other Boots and Shoes (\$1000)	-	1,973	173	1,063	2,489	1,537	1,307	14	0	0	216
Apparel except Footwear											
VI-20A Leather Jackets (units)	0	35,286	**	**	175,000	**	**	**	**	**	**
VI-20B Leather Belts (1000 units)	0	255	31	1,099	2,635	2,430	2,175	193	0	0	62
VI-20C Misc. Leather Apparel (\$1000)	-	**	**	**	**	**	**	**	**	**	**
VI-20D Rubber Apparel (\$1000)	-	**	**	**	**	**	**	**	**	**	**
VI-20E Other Apparel (\$1000)	-	7,194	393	7,034	12,342	10,408	8,146	70	0	0	2,192
Abrasives											
VI-21A Abrasive Grain (tons)	4,000	7,606	1,512	7,878	10,264	9,255	6,288	91	0	0	2,876
VI-21B Abrasive Products (\$1000)	4,000	3,876	452	4,183	10,399	10,291	8,469	958	33	0	831
Carbon and Graphite											
VI-22A Graphite Powder (tons)	1,120	1,950	179	1,656	2,984	2,387	2,011	201	0	0	175
VI-22B Graphite & Carbon Electrodes (tons)	5,737	6,523	998	6,409	15,963	14,561	11,954	1,470	25	0	1,112
VI-22C Other Graphite Materials (\$1000)	(1,603 tons)	512	15	379	1,411	1,285	1,144	100	0	0	41
Paper and Paper Products											
VI-23A Parchment Paper (tons)	1,640	0	176	1,743	2,658	2,530	2,354	0	0	0	176
VI-23B Map Paper (tons)	0	3,497 f	653	3,412	3,497	3,412	2,012	265	0	0	1,175
VI-23C Cigarette Paper (tons)	336	0	159	543	1,042	935	708	68	0	0	159
VI-23D Condenser Paper (tons)	146	109	36	117	264	254	218	0	0	0	36
VI-23E Other Pulp, Paper, etc. (tons)	-	104	**	**	106	**	**	**	**	**	**
VI-24 Paper Products (\$1000)	-	39	**	**	41	**	**	**	**	**	**
Photographic Materials											
VI-25A1 Photographic Film & Paper (\$1000)	-	**	**	**	**	**	**	**	**	**	**
VI-25A2 Reproduction Paper Stock (\$1000)	-	**	**	**	**	**	**	**	**	**	**
VI-25B Finished Pictures, etc. (\$1000)	-	**	**	**	**	**	**	**	**	**	**
VI-25C Misc. Photographic Materials (\$1000)	-	**	**	**	**	**	**	**	**	**	**
Asbestos											
VI-26A Asbestos (tons)	-	0	0	0	0	0	0	0	0	0	0
VI-26B Asbestos Materials (\$1000)	-	86	18	125	207	200	186	4	0	0	10
Other											
VI-27 Buttons (\$1000)	-	554	25	673	1,012	701	627	49	0	0	25
VI-27 Other Crude Materials (\$1000)	-	-	**	**	4	**	**	**	**	**	**
VI-28 Other Basic Materials (\$1000)	-	23	**	**	80	**	**	**	**	**	**
VI-29 Other End Products (\$1000)	-	**	**	**	**	**	**	**	**	**	**

Notes: All tons are short tons (2000 lbs.) net weight.

- * Estimated
- ** Not available
- a U.S.S.R. selections from U.S. offerings were in excess of the aggregate of shipping commitments and necessary stocks. Although shipping exceeded commitments, production control provisions of the Protocol were exercised and reduced quantities made available below offerings in some instances.
- b From production or assignments in addition to quantities made available but not exported at the end of the Second Protocol period and after deductions of quantities repossessed or diverted before export.
- c From production or assignments (Lend-Lease and cash purchases) after deductions of quantities repossessed or diverted before export.
- d Includes shipments for clearance through the Persian Corridor reported deductions of quantities repossessed or diverted before export.
- e Data on discharge operations in U.K. incomplete.
- f Substituted for parchment paper.

DECLASSIFIED
State Dept. Letter, 1-11-83
By J. Schauble Date FEB 2 1972

G. F. Lend Lease

PETROLEUM ADMINISTRATION FOR WAR

WASHINGTON

file confidential

SEP 8 - 1944

My dear Mr. President:

I am pleased to enclose our September progress report to you on the subject of Supplies for the U.S.S.R.

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

Sincerely yours,

W. R. ...
Petroleum Administrator for War.
x 4435

x 220
x 4193

The President,
The White House.

Enclosure.

PETROLEUM ADMINISTRATION FOR WAR

WASHINGTON

SEP 8 - 1944

My dear Mr. President:

I am pleased to enclose our September progress report to you on the subject of Supplies for the U.S.S.R.

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

Sincerely yours,

(Sgd) Ralph K. Davies

Acting Petroleum Administrator for War.

The President,

The White House.

Enclosure.

PETROLEUM ADMINISTRATION FOR WAR

WASHINGTON 25, D. C.

SUPPLIES FOR THE U.S.S.R.

Report to The President

SEP 8 - 1944

PETROLEUM PRODUCTS

We recently asked the Soviet Government Purchasing Commission for estimates of requirements to the end of 1946, to be taken into consideration in the September revision of the World Supply Program. The Commission wired Moscow for the desired information, but because no reply has been received and because work on the program revision had to be begun, representatives of the Commission consented to give us a tentative estimation. They informed us that they could not do better than recommend to us the projection through 1945 and 1946 of the expected requirements during the last quarter of this year, with certain modifications. Based on these indications, these requirements have been worked out as shown in the following tabulation:

<u>Long Tons</u>	<u>4th Quarter 1944</u>	<u>Year 1945</u>	<u>Year 1946</u>
		<u>From the United States</u>	
Blending Agent	67,830	271,320	271,320
100 Octane Aviation Gasoline	160,500	669,060	669,060
70 Octane Aviation Gasoline	-	230	230
Motor Gasoline	4,250	51,680	51,680
Miscellaneous Naphtha and Kerosene	-	5,280	5,280
Gas and Diesel Oil	-	34,430	34,430
Aviation Lubricating Oil	19,000	77,020	77,020
Miscellaneous Products	<u>4,900</u>	<u>28,300</u>	<u>28,300</u>
Totals	256,480	1,137,320	1,137,320

From Abadan (to be replaced to the
British from U.S.-controlled sources)

Blending Agent (*)	13,393	53,571	53,571
100 Octane Aviation Gasoline (*)	<u>53,571</u>	<u>214,285</u>	<u>214,285</u>
Totals	66,964	267,856	267,856

(*) Quantities shown are based on the Protocol offering totaling 300,000 short tons.

In giving these indications, the representatives of the Commission have pointed out that they are assuming the continuation of the European war throughout the period in question, and that they are unable to give any information with respect to requirements after the termination of the European war.

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

Interior Dept. Hqs. 11-3-72

On the basis of the fourth quarter requirements shown above, and considering shipments already made and scheduled, it is estimated that liftings from the United States during the first six months of the Protocol year (to December 31, 1944) will about equal the total quantity offered under the Fourth Protocol and by the end of the Protocol year will about double the offering. Liftings from Abadan which call for replacement to the British from U.S.-controlled sources are expected to continue approximately in line with the Protocol offering.

During July, for the first time in over a year, a part cargo of blending agent was shipped from the United States to north Russia. This parcel was scheduled to be discharged in the United Kingdom and loaded on a smaller tanker for onshipment to Russia. During August two tankers loaded cargoes of 100 octane aviation gasoline for north Russia, and it is expected that during September another cargo of this product will be loaded on the East Coast for the same area. The Russians have requested two tankers per month of 100 octane gasoline to be loaded on the East Coast, commencing with October, destined for north Russia.

We are informed that the Russians will receive during September another new, fast T.2 type Swan Island tanker as a replacement for two older and smaller tankers in bad condition, one of which has given a considerable amount of trouble through breakdown and is at present lying on the West Coast fully loaded.

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 August 31, 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 from Abadan during the period July 1, 1943 to July 31, 1944. Replacement of these Abadan shipments has been or will be made out of United States controlled sources. Shipments of 100 octane aviation gasoline from Abadan to Russia for the United States Army Air Forces are not included in the tabulation.

Aviation Gasoline and Blending Agents	8,198,963	Barrels
Motor Gasoline	1,109,555	"
Miscellaneous Naphtha and Kerosene	82,949	"
Gas Oil	582,421	"
Fuel Oil	27,831	"
Lubricating Oil	312,800	"
Grease	8,197	"
Tetraethyl Lead	20,290	"
Lubricating Oil Additives	<u>33,954</u>	"
Total	10,376,960	Barrels
Ceresine and Paraffin Wax	4,776	Short Tons

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

NEW PETROLEUM REFINING PLANTS AND UNITS

Soviet requests for clearance for 49 trainees were processed during the month.

The request of the Russian Commission for deep well pumping equipment for Plant No. 2 for the Second Protocol has been reviewed by the Foreign Economic Administration. The Foreign Economic Administration has written the Russian Commission that the proposed installation will be reviewed by an architect-engineer appointed by Treasury Procurement and the engineers of the Russian Commission, in order that the most economical lay-out may be obtained.

At a meeting held August 14 in the Office of War Utilities, War Production Board, the power plant installations proposed by E. B. Badger and Sons Company, and Kuljian Company, architect-engineers for the power plants for the Third Protocol, were reviewed by the engineers of the Office of War Utilities. It was agreed that certain revisions should be made in the lay-outs of the proposed installations, and the revised lay-outs and schedules will be submitted shortly.

Preliminary bids have been received from the vendors and forwarded to the Russian Commission covering ten Gas Recovery Units, a Cumene Plant, a Ceresine Plant, and an Alkylation Acid Recovery Plant, all for the Fourth Protocol. Requests for preliminary bids for a gas fractionating unit, and Houdry and Cumene catalyst manufacturing plants have been sent to vendors.

OILFIELD EQUIPMENT AND REFINING MAINTENANCE ITEMS

A report showing the June 30, 1944, status of the First and Second Protocol Lend-Lease allotments from the U.S.A. to the U.S.S.R. petroleum industry, excluding new refinery installations, was completed and is summarized in the following table.

	<u>Ordered</u>	<u>Percent by Value</u>	
		<u>Fabricated</u>	<u>Exported</u>
<u>Oil Country Pipe</u> (Includes line pipe, oil well tubing, casing, drill pipe, drill collars, tool joints)	\$14,286,912 122,819.4 Tons	100%	79.6%
<u>Refinery Tubing</u> (Includes stainless steel tubing and piping used in maintenance and repair operations)	\$ 9,777,640 25,243.6 "	95.1%	73.5%

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

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<u>Oilfield Equipment</u> (Includes all exploitation items other than tubular goods)	\$14,859,791 13,758.4 Tons	98.2%	86.4%
<u>Refinery Equipment</u> (Includes all maintenance and repair items other than tubular goods)	\$ 6,071,371 5,727.0 "	96.2%	61.9%
<u>Total All Items</u>	\$44,995,714 167,548.4 "	97.8%	78.2%

The value of the Third Protocol Lend-Lease allotments to the Russian petroleum industry, excluding new refinery installations, approximates \$4,500,000. Of this amount, the latest available figures show that as of June 30, 1944, the fabrication stood at 32% and the exportation stood at 8%.

RECOMMENDATIONS

We have no recommendations to make at this time.

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DECLASSIFIED MAR 21 1973

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



PSF

C. F.
Lend Lease

THE SECRETARY OF THE TREASURY
WASHINGTON

file
Confidential

SEP 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 September.

x21-7

The inventory of material in storage as of September 1, 1944, was 204,356 tons or 3,758 tons less than the August 1st inventory. Production scheduled for September shows an increase of 44,628 tons as compared with August.

Faithfully yours,

H. M. Southworth
x21

The President
The White House



x220
x4193

TREASURY DEPARTMENT - U. S. S. R.
MATERIALS AVAILABLE FROM STORAGE AND PRODUCTION DURING SEPTEMBER, 1944
 (IN 2000 LB. TONS)

<u>COMMODITY</u>	<u>STORAGE</u> <u>SEPTEMBER 1, 1944</u>	<u>PRODUCTION</u> <u>DURING SEPTEMBER</u>	<u>TOTAL AVAILABLE</u>	<u>PRIORITY CARGOES</u> <u>FOR PORT AREAS</u> <u>SPECIFIED TO DATE</u> <u>FOR SEPTEMBER</u>
ALUMINUM	4,199	1,179	5,378	829
AUTOMOTIVE EQUIPMENT AND PARTS		86	86	
BEARINGS	334	673	1,007	1,007
BRASS AND BRONZE	16,733	3	16,736	16,736
CHEMICALS	12,168	786	12,954	8,588
CLOTHING AND TEXTILES		399	399	
CONSTRUCTION MACHINERY		441	441	
COPPER IN VARIOUS FORMS	17,014	6,727	23,741	8,680
FERRO-ALLOY	203		203	
GRAPHITE PRODUCTS	435		435	
HAND AND CUTTING TOOLS		1,291	1,291	
INDUSTRIAL MACHINERY	49,075	34,830	83,905	36,810*
LEAD AND LEAD ALLOYS	13		13	
NICKEL AND NICKEL PRODUCTS	53	784	837	
NON-FERROUS METALS, OTHER	165	247	412	112
NON-METALLIC MINERALS		35	35	35
PAPER AND PAPER PRODUCTS	1,730	2,694	4,424	2,184
PLASTICS	2,941		2,941	
RUBBER	1,625	6,483	8,108	4,816
STEEL, ALLOY AND SPECIAL	7,319	7,108	14,427	14,427
STEEL, CARBON	30,659	69,047	99,706	27,720
STEEL, PIPE AND TUBING	40,231	4,211	44,442	1,556
STEEL, RAILS	13,581	229	13,810	13,810
TIN PLATE	5,854		5,854	3,696
ZINC	24		24	24
TOTAL	204,356	137,253	341,609	141,030

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

SEP 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 September.

The inventory of material in storage as of September 1, 1944, was 204,356 tons or 3,758 tons less than the August 1st inventory. Production scheduled for September shows an increase of 44,628 tons as compared with August.

Faithfully yours,

(Signed) H. Morgenthau, Jr.

The President

The White House

TREASURY DEPARTMENT - U. S. S. R.
MATERIALS AVAILABLE FROM STORAGE AND PRODUCTION DURING SEPTEMBER, 1944
 (IN 2000 LB. TONS)

<u>COMMODITY</u>	<u>STORAGE</u> <u>SEPTEMBER 1, 1944</u>	<u>PRODUCTION</u> <u>DURING SEPTEMBER</u>	<u>TOTAL AVAILABLE</u>	<u>PRIORITY CARGOES</u> <u>FOR PORT AREAS</u> <u>SPECIFIED TO DATE</u> <u>FOR SEPTEMBER</u>
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TIN PLATE	5,854		5,854	3,696
ZINC	24		24	24
TOTAL	204,356	137,253	341,609	141,030

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



WAR SHIPPING ADMINISTRATION
WASHINGTON

*File
Confidential*

*E. F.
Lend Lease*

September 11, 1944

MEMORANDUM TO THE PRESIDENT

Inadvertently a carbon copy of our memorandum of September 9th was forwarded to you this morning instead of the original, which is enclosed herewith.

E. S. LAND
Administrator
x4772

~~SECRET~~

DECLASSIFIED
E.O. 11652, Sec. 3(E) and 5(D) or (E)
Commerce Dept. Letter, 11-15-72
By RHP, Date MAR 21 1973

WAR SHIPPING ADMINISTRATION
WASHINGTON

September 9, 1944

ADMINISTRATOR

MEMORANDUM FOR THE PRESIDENT

I

During August, the second month of the Fourth Protocol, shipments to the U.S.S.R. have again been heavy, primarily because of continued great activity on the Pacific route. The total figure for the month of 564,050 long tons represents 133 per cent of the monthly target. On a cumulative basis liftings to date in the Fourth Protocol period are now about 340,000 long tons in excess of the target.

In contrast, liftings in August, 1943 were but 477,458 long tons.

The position on August 31 was as follows (long tons).

	August 1944	July- August	September Forecast	October Forecast
<u>Murmansk and White Sea</u>				
Dry cargo ships ex U.S.A.	168,608	304,467	164,000	75,000
Tankers ex U.S.A.	<u>19,941</u>	<u>39,857</u>	<u>30,000</u>	<u>30,000</u>
Total	188,549	344,324	194,000	105,000
<u>Persian Gulf</u>				
Dry cargo ships ex U.S.A.	36,587	164,654	170,000	119,000
<u>Soviet Far East and Arctic</u>				
Dry cargo ships ex U.S.A.	222,829	482,637	210,000	175,000
Dry cargo ships ex Canada	33,138	58,749	26,000	35,000
Tankers ex U.S.A.	<u>82,947</u>	<u>138,648</u>	<u>66,000</u>	<u>85,000</u>
Total	338,914	680,034	302,000	295,000
Grand total	564,050	1,189,012	666,000	519,000
Per cent of target	133	140	157	122

DECLASSIFIED
E.O. 11652, Sec. 3(E) and 5(D) or (E)
Commerce Dept. Letter, 11-15-78
By RHP, Date MAR 21 1973

x 220
x 4193
x 99

SECRET

II

On the Atlantic operations are dominated by the northern convoys. The first of these, JW 59, sailed from Loch Ewe on August 15, and arrived at Murmansk safely on August 27. Its composition was as has been previously indicated, namely:

18 W.S.A. dry cargo ships ex U.S.A.
 2 B.M.W.T. tankers with cargo on U.S. account
 10 B.M.W.T. dry cargo ships ex U.K.
 2 B.M.W.T. fleet oilers
 1 B.M.W.T. crane ship
 1 rescue ship
34

Assuming that the British dry cargo ships carried 5,000 long tons each, the convoy carried about 205,000 long tons for the U.S.S.R.

Five of the W.S.A. dry cargo ships, the 10 British dry cargo ships, and the two tankers with Russian cargo went to the White Sea ports to discharge. The remaining 13 W.S.A. ships went to Murmansk.

Nine of the ten British freighters employed were liberty ships bareboat to the British.

Convoy JW 60 is to sail from the United Kingdom on September 15. For this convoy the W.S.A. sailed from the United States in three sections in August 23 liberty ships carrying 168,608 long tons of U.S.S.R. cargo, and 14,397 long tons for the U. S. Army in the U.S.S.R. (Exhibit A). In addition there were two British tankers carrying cargoes of aviation gasoline for Russia on U. S. account, making the grand total of U.S.S.R. cargo 188,549 long tons. The British are expecting to load three dry cargo ships in the United Kingdom. Thus, after including the usual two fleet oilers, the convoy will amount to 30 ships carrying about 203,000 long tons for the Soviets.

DECLASSIFIED
 E.O. 11652, Sec. 3(E) and 5(D) or (E)
 Commerce Dept. Letter, 11-15-72
 By RHP, Date MAR 21 1973

~~SECRET~~

In the September program, the first section of convoy JW 61, consisting of eight liberty ships, went on berth early in the month, and will sail in HX 310 on September 21. It will be followed by 12 ships in Hx 311 on September 28. (See Exhibit B). There will also be one W.S.A.-controlled tanker loading toluol at Houston and two British tankers loading respectively gasoline and alcohol at North Atlantic ports on American account. The entire loading is forecast at being about 194,000 long tons. This convoy will depart from the United Kingdom on October 20.

We have found it desirable to load each of these convoys in two sections because of the large number of heavy pieces in the program. JW 60 had 109 locomotives and three 3-car power trains. JW 61 will load 72 locomotives and six 10-car power trains. In addition there are being handled below deck many heavy pieces of industrial equipment.

The British Chiefs of Staff have now agreed to sail 35-ship convoys to North Russia every five weeks. For JW 62 we have nominated 24 dry cargo ships to sail from New York in two groups of 10 and 14 ships each on October 30 and November 4 respectively. The British are being requested to provide three tankers. Beginning with this convoy we intend to endeavor to fill all available spaces even if Persian Gulf sailings have to be substantially curtailed. Although there is no advantage in ship turnaround time on the northern route, cargo reaches the points of consumption much more quickly, and the route is therefore preferable.

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III

As was previously forecast, sailings to the Persian Gulf reached a very low level in August. Five Soviet-Aid, three P.G.S.C., and one full oil-project ship departed carrying together 36,587 long tons of U.S.S.R. cargo, 17,001 long tons of Army cargo, and 13,861 long tons for the Bahrein and Ras Tamura refineries. (Exhibit C). Beginning in late September there will consequently be a serious drop in activity in the Gulf.

September sailings are expected to increase substantially to 22 Soviet Aid and four Army ships. (Exhibit D). The Soviet-Aid ships will carry about 170,000 long tons of U.S.S.R. cargo, and 19,000 long tons of refinery cargo.

October sailings are now put at 16 Soviet Aid ships, which will carry about 119,000 long tons for the U.S.S.R. and 20,000 long tons for the refineries. The decrease is caused by the increased allocation to JW 62. At the present time W.S.A. does not have enough presenters available to operate both routes to the maximum.

IV

Sailings to the Far East were above expectations, amounting to 51 ships carrying 338,914 long tons. (Exhibit E). This was the third unusually good month on this route. The primary factors producing the good August showing were the increase in tanker operations and the excellent turnaround being given to Russian ships both in the Far East and on the West Coast.

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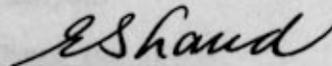
September sailings are expected to be about 40 ships carrying 302,000 long tons. October should not differ greatly from September. Thus it is evident that a high level of shipment will be maintained through October.

The August sailings included eight ships carrying 30,700 long tons destined for the Soviet Arctic. The 1944 program is now nearly concluded. So far departures during this season numbered 31 vessels carrying 121,721 long tons. Among the vessels were six liberty ships.

There is no evidence of Japanese interference with the Far Eastern route.

Russian tanker requirements on this route have been growing in importance, particularly with respect to aviation gasoline. Consequently two additional new 15 knot, 16,700 ton, T2 tankers are being made available for Pacific operation. The first, the Beacon Rock, renamed Donbass, was delivered at Portland on September 4. In return the Russians are redelivering two smaller, slower, and older tankers. The second, the Pioneer Valley, is to be delivered on October 5, and is intended to meet the Russians' need for more capacity.

Respectfully submitted,



E. S. Land
Administrator

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(Exhibit A)

(Exhibit A) MURMANSK AND WHITE SEA SAILINGS - AUGUST, 1944

W.S.A. Dry Cargo Ships Intended for JW-60

<u>Ship</u>	<u>D.W.T.</u>	<u>Cubic</u>	<u>Long Tons of</u> <u>USSR Cargo</u>	<u>Sailed</u> <u>on</u>	<u>From</u>
<u>Departures in HXF 302</u>					
1. Dexter W. Fellows ^{1/}	10,500	500,245	6,300	8/3	N.Y.
2. Raymond B. Stevens ^{1/}	10,500	500,245	8,233	8/3	N.Y.
<u>Departures in HXM 304</u>					
3. Frederick A. Kummer	10,500	500,245	8,224	8/13	Phila.
4. Frederick W. Taylor	10,500	500,245	7,216	8/13	Phila.
5. Cardinal Gibbons	10,500	500,245	7,516	8/15	Phila.
6. Lewis Emery Jr.	10,500	500,245	8,183	8/17	N.Y.
7. Nathaniel Alexander	10,500	500,245	7,771	8/17	N.Y.
8. Francis Scott Key	10,500	500,245	8,122	8/17	N.Y.
9. John J. Abel	10,500	500,245	7,835	8/17	N.Y.
10. John Woolman	10,500	500,245	7,483	8/17	N.Y.
11. Daniel Willard	10,500	500,245	8,208	8/17	N.Y.
12. John Vining	10,500	500,245	7,954	8/17	N.Y.
13. David Stone	10,500	500,245	6,176	8/17	N.Y.
14. Thomas U. Walter	10,500	500,245	8,063	8/17	N.Y.
<u>Departures in HXF 305</u>					
15. Edward A. Savoy	10,500	500,245	7,363	8/22	Phila.
16. Julius Olson	10,500	500,245	7,953	8/25	N.Y.
17. George T. Angell	10,500	500,245	5,976	8/25	N.Y.
18. Edward E. Spafford	10,500	500,245	7,961	8/25	N.Y.
19. Arunah S. Abell	10,500	500,245	8,240	8/25	N.Y.
20. Hawkins Fudske	10,500	500,245	7,887	8/25	N.Y.
21. Joshua Thomas	10,500	500,245	6,516	8/25	N.Y.
22. Richard M. Johnson	10,500	500,245	1,933	8/25	N.Y.
23. Henry Lomb	10,500	500,245	7,495	8/25	N.Y.
Total dry cargo ^{2/}	241,500	11,505,635	168,608		
<u>Tankers Loaded in U.S.A. with Cargo for JW-60</u>					
24. British Patience ^{3/}	11,300		10,485	8/17	N.Y.
25. Meritina ^{3/}	11,500		9,456	8/17	N.Y.
Total	22,800		19,941		
Grand Total	264,300	11,505,635	188,549		

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By RHP, Date

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(Exhibit A) continued

MURMANSK AND WHITE SEA SAILINGS - AUGUST, 1944

- 1/ Sailed originally in HXF-302, intended for JW-59, but returned to loading port on account of machinery trouble.
- 2/ Approximately 14,397 long tons of U. S. Army cargo was also lifted by these ships in addition to the U.S.S.R. cargo.
- 3/ British tankers with aviation gasoline for U. S. Lend-Lease account.

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(Exhibit B)

EXPECTED SAILINGS TO MURMANSK AND WHITE SEA - SEPTEMBER, 1944

W.S.A. Dry Cargo Ships Intended for JW-61

<u>Ship</u>	<u>D.W.T.</u>	<u>Cubic</u>	<u>Est. Long Tons of Cargo</u>	<u>Presentation Date</u>	<u>At</u>
<u>To Depart in HX-310</u>					
1. Andrew W. Preston	10,500	500,245	8,200	9/6	N.Y.
2. Donald W. Bain	10,500	500,245	8,200	9/5	N.Y.
3. Eleazor Lord	10,500	500,245	8,200	9/5	N.Y.
4. Keith Palmer	10,500	500,245	8,200	9/7	N.Y.
5. William Wheelwright	10,500	500,245	8,200	9/4	N.Y.
6. Collis P. Huntington	10,500	500,245	8,200	8/31	N.Y.
7. Joyce Kilmer	10,500	500,245	8,200	8/31	N.Y.
8. James M. Gillis	10,500	500,245	8,200	9/4	N.Y.

<u>To Depart in HX-311</u>					
9. Harold L. Winslow	10,500	500,245	8,200	9/9	N.Y.
10. Park Benjamin	10,500	500,245	8,200	9/11	N.Y.
11. Lawrence J. Brengle	10,500	500,245	8,200	9/12	N.Y.
12. Henry Adams	10,500	500,245	8,200	9/12	N.Y.
13. Eloy Elfaró	10,500	500,245	8,200	9/9	N.Y.
14. William Pepper	10,500	500,245	8,200	9/11	N.Y.
15. John Sharp Williams	10,500	500,245	8,200	9/9	N.Y.
16. Nicholas Biddle	10,500	500,245	8,200	9/9	N.Y.
17. Stage Door Canteen	10,500	500,245	8,200	9/11	N.Y.
18. Benjamin Schlesinger	10,500	500,245	8,200	9/8	N.Y.
19. Abner Nash	10,500	500,245	8,200	9/11	N.Y.
20. Winfred L. Smith	10,500	500,245	8,200	9/12	N.Y.
Total, dry cargo	210,000	10,004,900	164,000		

Tankers Intended for JW-61

21. Marathon (Nor.)	11,500	-----	10,000	9/10	Houston
22. San Venancio (Br.)	11,800	-----	10,000	9/15	N.Y.
23. Empire Garrick (Br.)	11,800	-----	10,000	9/8	Balt.
Total, wet cargo	35,100	-----	30,000		
Grand Total	245,100	10,004,900	194,000		

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By RHP, Date MAR 21 1973

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(Exhibit C)

PERSIAN GULF SAILINGS - AUGUST, 1944

<u>Ship</u>	<u>D.W.T.</u>	<u>Cubic</u>	<u>U.S.S.R. Cargo Loaded</u>	<u>Sailed on</u>	<u>From</u>
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SOVIET AID SHIPS

Departure in UGS-50

1. Charles G. Coutant	10,500	500,245	8,707	8/1	Phila.
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Note: Also departing in UGS-50 were seven ships which sailed from their loading ports in July.

Departure in UGS-51

2. Anne Bradstreet	10,500	450,000	7,958	8/9	Phila.
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Departure in UGS-53

3. George P. McKay	10,500	500,245	8,576	8/29	Phila.
4. William Patterson	10,500	450,000	8,336	8/28	Phila.
5. George Chaffey	10,500	500,245	3,010 ^{1/}	8/29	Phila.
Total	52,500	2,400,735	36,587		

P.G.S.C.
Cargo Loaded

P.G.S.C. ALLOCATIONS

Departure in UGS-51

6. Horace Bushnell	10,500	500,245	4,728	8/10	Chastn.
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Departures in UGS-52

7. Newton D. Baker	10,500	400,000	5,021 ^{2/}	8/10	Chastn.
8. Pierre l'Enfant	10,500	500,245	7,252	8/17	Chastn.
Total	31,500	1,400,490	17,001		

RAS TANURA ALLOCATION

Oil Project
Cargo Loaded

Departure in UGS-51

9. Walter Kidde	10,500	500,245	8,572 ^{3/}	8/9	Phila.
-----------------	--------	---------	---------------------	-----	--------

Grand Total 94,500 4,301,470 62,160

- ^{1/} Also carried approximately 5,289 long tons of cargo for Ras Tanura and Bahrein petroleum projects.
- ^{2/} Also lifted approximately 108 long tons of cargo from Baltimore for discharging at Oran.
- ^{3/} Includes approximately 1,000 long tons of cargo for British account for discharge at Abadan.

(Exhibit D)

(Exhibit 2) EXPECTED SAILINGS TO PERSIAN GULF - SEPTEMBER, 1944

Ship	D.W.T.	Cubic	U.S.S.R. Cargo Presentation		
			Estimated	Date	At
SOVIET AID SHIPS					
<u>To Depart in UGS-54</u>					
1. John A. Donald	10,500	500,245	8,700	8/30	Phila.
2. George L. Baker	10,500	500,245	8,700	8/26	Phila.
<u>To Depart in UGS-55</u>					
3. William Tyler	10,500	500,245	5,200*	9/6	Phila.
4. Antonin Dvorak	10,500	500,245	8,700	9/8	Phila.
5. Frederick C. Hicks	10,500	500,245	8,700	9/8	Phila.
6. Albino Perez	10,500	500,245	500*	9/5	Phila.
7. Robert Lansing	10,500	500,245	8,700	9/9	Phila.
8. John F. Steffen	10,500	500,245	8,700	9/9	Phila.
9. William Lyon Phelps	10,500	500,245	8,700	9/8	N.Y.
<u>To Depart in UGS-56</u>					
10. Jesse Cottrell	10,500	500,245	500*	9/14	Phila.
11. William Libbey	10,500	500,245	8,200	9/18	Phila.
12. William A. Jones	10,500	500,245	8,200	9/14	Phila.
13. Josiah Quincy	10,500	500,245	8,700	9/20	Phila.
14. Geronimo	10,500	500,245	8,700	9/18	Phila.
15. Peter Zenger	10,500	500,245	8,700	9/17	Phila.
16. Hiram S. Maxim	10,500	500,245	8,700	9/14	Phila.
17. Moses G. Farmer	10,500	500,245	8,700	9/17	Phila.
18. Ida M. Tarbell	10,500	500,245	8,200	9/20	N.Y.
19. John F. Myers	10,500	500,245	8,700	9/18	N.Y.
20. O. B. Martin	10,500	500,245	8,700	9/19	N.Y.
21. Will Rogers	10,500	500,245	8,700	9/19	N.Y.
22. A. Frank Lever	10,500	500,245	8,700	9/17	N.Y.
Total	231,000	11,005,390	170,000		

P.G.S.C. Cargo
Estimated

P.G.S.C. ALLOCATIONS

<u>To Depart in UGS-54</u>					
23. Martha Berry	10,500	500,245	7,000	9/3	Chastn.
24. James B. Hickok	10,500	500,245	7,000	9/6	Chastn.
<u>To Depart in UGS-55</u>					
25. Shickshinny	7,678	314,000	6,000	9/13	Chastn.
26. Jamaïque	8,750	355,000	6,500	9/14	N.Y.
Total	37,428	1,669,490	26,500		
Grand Total	268,428	12,674,880	196,500		

* Balance of cargo for Bahrain and Ras Tamura petroleum projects.

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(Exhibit E)

SAILINGS AND CARGO FOR THE SOVIET FAR EAST AND ARCTIC - AUGUST, 1944

Ship	Ex U.S. Ship	D.W.T. Long Tons of Cargo		Date Sailed
		Far East	Arctic	
<u>Dry Cargo Ships</u>				
<u>From Columbia River</u>				
1. Jean Jaures	Thomas Nast	10,791	9,600	8/3
2. Vladimir Mayokovski		5,613	4,465	8/4
3. Rodina II	Henry J. Waters	10,791	10,049	8/6
4. Leningrad	Gouverneur Morris	10,791	9,669	8/13
5. Kolkhoznik	Charles Wilkes	10,791	9,581	8/17
6. Sevzaples		6,085	4,599	8/17
7. Kim		7,560	6,049	8/18
8. Shaturstroi		7,715	5,370	8/18
9. Sovetskaya Latvia		7,800	6,943	8/18
10. Orel	C. E. Duryea	10,791	9,536	8/20
11. Volkhovstroi		7,435	5,413	8/22
12. Ingul II	Emmet D. Boyle	10,791	9,758	8/24
13. Nahodka	I. W. Pratt	10,791	9,824	8/24
14. Vladivostok	Pleasant) Armstrong)	10,791	9,753	8/24
15. Stari Bolshevik		6,180	4,582	8/25
16. Sevastopol	De Witt Clinton	10,791	9,474	8/30
Total		145,507	124,665	
<u>From Puget Sound</u>				
17. Krasnoe Znamia		4,000	2,844	8/1
18. Revolyutsioner		4,300		8/2
19. Soyuzpushnina		500	300	8/3
20. Mikhail Kutuzov	Graham Taylor	10,791	9,878	8/8
21. Fabricius		9,400	7,493	8/8
22. Nogin	Ewa	9,822	7,493	8/9
23. Uralmash		4,200		8/13
24. Smolny		2,565	2,018	8/16
25. Sverny Veter (Icebreaker)		-----	53	8/17
26. Dalstroi		11,630	10,005	8/17
27. Nazhim		-----	1	8/18
28. Volkov	Samuel T. Langley	11,150	9,677	8/20
29. Kuzbass		5,350		8/20
30. Luga	De Soto	8,635	6,111	8/30
31. Polina Osipenko	Tanana	5,100	4,113	8/31
Total		87,443	59,986	9,054

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Commerce Dept. Letter, 11-15-72

By RHP, Date

MAR 21 1973

(Exhibit E) continued

SAILINGS AND CARGO FOR THE SOVIET FAR EAST AND ARCTIC - AUGUST, 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>Far East</u>	<u>Arctic</u>
<u>From San Francisco</u>				
32. Stepan Khalturin		4,300		2,804 8/3
33. Karl Marx		5,379		3,626 8/9
34. Krasnogvardeets	C. S. Fairchild	10,791	9,471	8/9
35. Ashkhabad	Admiral Cole	5,400		3,276 8/16
36. Dvina		7,300	6,507	8/31
37. Izhora		<u>5,400</u>		<u>3,440</u> 8/31
Total		38,570	15,978	13,146
<u>From Vancouver, B. C.</u>				
38. Tungus	Sieur Duluth	10,791	9,588	8/2
39. Tashkent	Iowan	9,500	7,350	8/20
40. Alexander Suvorov	Elijah P. Lovejoy	10,791		8,500 8/25
41. Lunacharski	Klamath	<u>9,400</u>	<u>7,700</u> est.	<u>8/31</u>
Total		40,482	24,638	8,500
Total, dry cargo		312,002	225,267	30,700
<u>Tankers</u>				
<u>From Los Angeles</u>				
42. Apsheron	Charlotte P. Gilman	10,500	8,996	8/5
43. Iosif Stalin	J. F. Farrell	11,398	8,919	8/9
44. Taganrog II	Cedar Creek	16,765	14,875	8/16
45. Azerbaidjan		9,075	7,828	8/20
46. Valerian Kuibyshev	J. C. Fitzsimmons	10,131	8,137	8/20
47. Varlaam Avanesov	Utacarbon	<u>10,949</u>	<u>8,957</u>	8/21
Total		68,818	57,712	
<u>From San Francisco</u>				
48. Sakhalin		8,800	7,652	8/4
49. Belgorod	Paul Dunbar	10,495	9,560	8/13
50. Tuapse	District of Col.	11,227	(10,072)*	8/26
51. Moskva	W. M. Irish	<u>9,400</u>	<u>8,023**</u>	8/31
Total		39,922	25,235	
Total, wet cargo		108,740	82,947	
Grand total, all ships		420,742	308,214	30,700

* This cargo was formerly lifted from Philadelphia on May 30, 1944 by the Donbass II, ex St. James, and was transferred to the Tuapse at San Francisco. Since the amount has already been counted as a May lifting, it is not included in the totals for the current month.

** Also lifted 1,414 long tons of cargo transferred from the Donbass II, ex St. James, which is not shown above.

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WAR SHIPPING ADMINISTRATION
WASHINGTON

September 9, 1944

MEMORANDUM FOR THE PRESIDENT

I

During August, the second month of the Fourth Protocol, shipments to the U.S.S.R. have again been heavy, primarily because of continued great activity on the Pacific route. The total figure for the month of 564,050 long tons represents 133 per cent of the monthly target. On a cumulative basis liftings to date in the Fourth Protocol period are now about 340,000 long tons in excess of the target.

In contrast, liftings in August, 1943 were but 477,458 long tons.

The position on August 31 was as follows (long tons).

	August 1944	July- August	September Forecast	October Forecast
<u>Murmansk and White Sea</u>				
Dry cargo ships ex U.S.A.	163,603	304,467	164,000	75,000
Tankers ex U.S.A.	<u>19,941</u>	<u>39,857</u>	<u>30,000</u>	<u>30,000</u>
Total	183,544	344,324	194,000	105,000
<u>Persian Gulf</u>				
Dry cargo ships ex U.S.A.	36,537	164,654	170,000	119,000
<u>Soviet Far East and Arctic</u>				
Dry cargo ships ex U.S.A.	222,829	482,637	210,000	175,000
Dry cargo ships ex Canada	33,138	58,749	26,000	35,000
Tankers ex U.S.A.	<u>82,947</u>	<u>133,648</u>	<u>66,000</u>	<u>85,000</u>
Total	338,914	680,034	302,000	295,000
Grand total	564,050	1,189,012	666,000	519,000
Per cent of target	133	140	157	122



II

On the Atlantic operations are dominated by the northern convoys. The first of these, JW 59, sailed from Loch Ewe on August 15, and arrived at Murmansk safely on August 27. -Its composition was as has been previously indicated, namely:

18 W.S.A. dry cargo ships ex U.S.A.
2 B.M.W.T. tankers with cargo on U.S. account
10 B.M.W.T. dry cargo ships ex U.K.
2 B.M.W.T. fleet oilers
1 B.M.W.T. crane ship
<u>1</u> rescue ship
34

Assuming that the British dry cargo ships carried 5,000 long tons each, the convoy carried about 205,000 long tons for the U.S.S.R.

Five of the W.S.A. dry cargo ships, the 10 British dry cargo ships, and the two tankers with Russian cargo went to the White Sea ports to discharge. The remaining 13 W.S.A. ships went to Murmansk.

Nine of the ten British freighters employed were liberty ships bareboat to the British.

Convoy JW 60 is to sail from the United Kingdom on September 15. For this convoy the W.S.A. sailed from the United States in three sections in August 23 liberty ships carrying 168,608 long tons of U.S.S.R. cargo, and 14,397 long tons for the U. S. Army in the U.S.S.R. (Exhibit A). In addition there were two British tankers carrying cargoes of aviation gasoline for Russia on U. S. account, making the grand total of U.S.S.R. cargo 188,549 long tons. The British are expecting to load three dry cargo ships in the United Kingdom. Thus, after including the usual two fleet oilers, the convoy will amount to 30 ships carrying about 203,000 long tons for the Soviets.

In the September program, the first section of convoy JW 61, consisting of eight liberty ships, went on berth early in the month, and will sail in HX 310 on September 21. It will be followed by 12 ships in Hx 311 on September 28. (See Exhibit B). There will also be one W.S.A.-controlled tanker loading toluol at Houston and two British tankers loading respectively gasoline and alcohol at North Atlantic ports on American account. The entire loading is forecast at being about 194,000 long tons. This convoy will depart from the United Kingdom on October 20.

We have found it desirable to load each of these convoys in two sections because of the large number of heavy pieces in the program. JW 60 had 109 locomotives and three 3-car power trains. JW 61 will load 72 locomotives and six 10-car power trains. In addition there are being handled below deck many heavy pieces of industrial equipment.

The British Chiefs of Staff have now agreed to sail 35-ship convoys to North Russia every five weeks. For JW 62 we have nominated 24 dry cargo ships to sail from New York in two groups of 10 and 14 ships each on October 30 and November 4, respectively. The British are being requested to provide three tankers. Beginning with this convoy we intend to endeavor to fill all available spaces even if Persian Gulf sailings have to be substantially curtailed. Although there is no advantage in ship turnaround time on the northern route, cargo reaches the points of consumption much more quickly, and the route is therefore preferable.

III

As was previously forecast, sailings to the Persian Gulf reached a very low level in August. Five Soviet-Aid, three P.G.S.C., and one full oil-project ship departed carrying together 36,587 long tons of U.S.S.R. cargo, 17,001 long tons of Army cargo, and 13,861 long tons for the Bahrein and Ras Tanura refineries. (Exhibit C). Beginning in late September there will consequently be a serious drop in activity in the Gulf.

September sailings are expected to increase substantially to 22 Soviet Aid and four Army ships. (Exhibit D). The Soviet-Aid ships will carry about 170,000 long tons of U.S.S.R. cargo, and 19,000 long tons of refinery cargo.

October sailings are now put at 16 Soviet Aid ships, which will carry about 119,000 long tons for the U.S.S.R. and 20,000 long tons for the refineries. The decrease is caused by the increased allocation to JW 62. At the present time W.S.A. does not have enough presenters available to operate both routes to the maximum.

IV

Sailings to the Far East were above expectations, amounting to 51 ships carrying 338,914 long tons. (Exhibit E). This was the third unusually good month on this route. The primary factors producing the good August showing were the increase in tanker operations and the excellent turnaround being given to Russian ships both in the Far East and on the West Coast.

September sailings are expected to be about 40 ships carrying 302,000 long tons. October should not differ greatly from September. Thus it is evident that a high level of shipment will be maintained through October.

The August sailings included eight ships carrying 30,700 long tons destined for the Soviet Arctic. The 1944 program is now nearly concluded. So far departures during this season numbered 31 vessels carrying 121,721 long tons. Among the vessels were six liberty ships.

There is no evidence of Japanese interference with the Far Eastern route.

Russian tanker requirements on this route have been growing in importance, particularly with respect to aviation gasoline. Consequently two additional new 15 knot, 16,700 ton, T2 tankers are being made available for Pacific operation. The first, the Beacon Rock, renamed Donbass, was delivered at Portland on September 4. In return the Russians are redelivering two smaller, slower, and older tankers. The second, the Pioneer Valley, is to be delivered on October 5, and is intended to meet the Russians' need for more capacity.

Respectfully submitted,

Signed: E. S. Land

E. S. Land
Administrator

John G. B. Hutchins/lb

J.G.B.

(Exhibit A)

MURMANSK AND WHITE SEA SAILINGS - AUGUST, 1944

U.S.A. Dry Cargo Ships Intended for JW-60

<u>Ship</u>	<u>D.W.T.</u>	<u>Cubic</u>	<u>Long Tons of</u> <u>USSR Cargo</u>	<u>Sailed</u> <u>on</u>	<u>From</u>
<u>Departures in HXF 302</u>					
1. Dexter W. Fellows ^{1/}	10,500	500,245	6,300	8/3	N.Y.
2. Raymond B. Stevens ^{1/}	10,500	500,245	8,233	8/3	N.Y.
<u>Departures in HEM 304</u>					
3. Frederick A. Kummer	10,500	500,245	8,224	8/13	Phila.
4. Frederick W. Taylor	10,500	500,245	7,216	8/13	Phila.
5. Cardinal Gibbons	10,500	500,245	7,516	8/15	Phila.
6. Lewis Emery Jr.	10,500	500,245	8,183	8/17	N.Y.
7. Nathaniel Alexander	10,500	500,245	7,771	8/17	N.Y.
8. Francis Scott Key	10,500	500,245	8,122	8/17	N.Y.
9. John J. Abel	10,500	500,245	7,835	8/17	N.Y.
10. John Woolman	10,500	500,245	7,483	8/17	N.Y.
11. Daniel Willard	10,500	500,245	8,208	8/17	N.Y.
12. John Vining	10,500	500,245	7,954	8/17	N.Y.
13. David Stone	10,500	500,245	6,176	8/17	N.Y.
14. Thomas U. Walter	10,500	500,245	8,063	8/17	N.Y.
<u>Departures in HXF 305</u>					
15. Edward A. Savoy	10,500	500,245	7,363	8/22	Phila.
16. Julius Olson	10,500	500,245	7,953	8/25	N.Y.
17. George T. Angell	10,500	500,245	5,976	8/25	N.Y.
18. Edward E. Spafford	10,500	500,245	7,961	8/25	N.Y.
19. Arunah S. Abell	10,500	500,245	8,240	8/25	N.Y.
20. Hawkins Fudske	10,500	500,245	7,887	8/25	N.Y.
21. Joshua Thomas	10,500	500,245	6,516	8/25	N.Y.
22. Richard M. Johnson	10,500	500,245	1,933	8/25	N.Y.
23. Henry Lomb	10,500	500,245	7,495	8/25	N.Y.
Total dry cargo ^{2/}	241,500	11,505,635	168,608		
<u>Tankers Loaded in U.S.A. with Cargo for JW-60</u>					
24. British Patience ^{3/}	11,300		10,485	8/17	N.Y.
25. Neritina ^{3/}	11,500		9,456	8/17	N.Y.
Total	22,800		19,941		
Grand Total	264,300	11,505,635	188,549		

(Exhibit A) continued

MURMANSK AND WHITE SEA SAILINGS - AUGUST, 1944

- 1/ Sailed originally in HXF-302, intended for JW-59, but returned to loading port on account of machinery trouble.
- 2/ Approximately 14,397 long tons of U. S. Army cargo was also lifted by these ships in addition to the U.S.S.R. cargo.
- 3/ British tankers with aviation gasoline for U. S. Lend-Lease account.

(Exhibit B)

EXPECTED SAILINGS TO MURMANSK AND WHITE SEA - SEPTEMBER, 1944

W.S.A. Dry Cargo Ships Intended for JW-61

<u>Ship</u>	<u>D.W.T.</u>	<u>Cubic</u>	<u>Est. Long Tons</u> <u>of Cargo</u>	<u>Presentation</u> <u>Date</u>	<u>At</u>
<u>To Depart in HX-310</u>					
1. Andrew W. Preston	10,500	500,245	8,200	9/6	N.Y.
2. Donald W. Bain	10,500	500,245	8,200	9/5	N.Y.
3. Eleszor Lord	10,500	500,245	8,200	9/5	N.Y.
4. Keith Palmer	10,500	500,245	8,200	9/7	N.Y.
5. William Wheelwright	10,500	500,245	8,200	9/4	N.Y.
6. Collis P. Huntington	10,500	500,245	8,200	8/31	N.Y.
7. Joyce Kilmer	10,500	500,245	8,200	8/31	N.Y.
8. James M. Gillis	10,500	500,245	8,200	9/4	N.Y.
<u>To Depart in HX-311</u>					
9. Harold L. Winslow	10,500	500,245	8,200	9/9	N.Y.
10. Park Benjamin	10,500	500,245	8,200	9/11	N.Y.
11. Lawrence J. Brengle	10,500	500,245	8,200	9/12	N.Y.
12. Henry Adams	10,500	500,245	8,200	9/12	N.Y.
13. Eloy Elfare	10,500	500,245	8,200	9/9	N.Y.
14. William Pepper	10,500	500,245	8,200	9/11	N.Y.
15. John Sharp Williams	10,500	500,245	8,200	9/9	N.Y.
16. Nicholas Biddle	10,500	500,245	8,200	9/9	N.Y.
17. Stage Door Canteen	10,500	500,245	8,200	9/11	N.Y.
18. Benjamin Schlesinger	10,500	500,245	8,200	9/8	N.Y.
19. Abner Nash	10,500	500,245	8,200	9/11	N.Y.
20. Winfred L. Smith	10,500	500,245	8,200	9/12	N.Y.
Total, dry cargo	210,000	10,004,900	164,000		

Tankers Intended for JW-61

21. Marathon (Nor.)	11,500	-----	10,000	9/10	Houston
22. San Venancio (Br.)	11,800	-----	10,000	9/15	N.Y.
23. Empire Garrick (Br.)	11,800	-----	10,000	9/8	Balt.
Total, wet cargo	35,100		30,000		
Grand Total	245,100	10,004,900	194,000		

(Exhibit C)

PERSIAN GULF SAILINGS - AUGUST, 1944

<u>Ship</u>	<u>D.W.T.</u>	<u>Cubic</u>	<u>U.S.S.R. Cargo Loaded</u>	<u>Sailed on</u>	<u>From</u>
SOVIET AID SHIPS					
<u>Departure in UGS-50</u>					
1. Charles G. Coutant	10,500	500,245	8,707	8/1	Phila.
Note: Also departing in UGS-50 were seven ships which sailed from their loading ports in July.					
<u>Departure in UGS-51</u>					
2. Anne Bradstreet	10,500	450,000	7,958	8/9	Phila.
<u>Departure in UGS-53</u>					
3. George P. McKay	10,500	500,245	8,576	8/29	Phila.
4. William Patterson	10,500	450,000	8,336	8/28	Phila.
5. George Chaffey	10,500	500,245	3,010 ^{1/}	8/29	Phila.
Total	52,500	2,400,735	36,587		

			<u>P.G.S.C. Cargo Loaded</u>		
P.G.S.C. ALLOCATIONS					
<u>Departure in UGS-51</u>					
6. Horace Bushnell	10,500	500,245	4,728	8/10	Chastn.
<u>Departures in UGS-52</u>					
7. Newton D. Baker	10,500	400,000	5,021 ^{2/}	8/10	Chastn.
8. Pierre l'Enfant	10,500	500,245	7,252	8/17	Chastn.
Total	31,500	1,400,490	17,001		

			<u>Oil Project Cargo Loaded</u>		
RAS TANURA ALLOCATION					
<u>Departure in UGS-51</u>					
9. Walter Kidde	10,500	500,245	8,572 ^{3/}	8/9	Phila.
Grand Total	94,500	4,301,470	62,160		

1/ Also carried approximately 5,289 long tons of cargo for Ras Tanura and Bahrein petroleum projects.

2/ Also lifted approximately 108 long tons of cargo from Baltimore for discharging at Oran.

3/ Includes approximately 1,000 long tons of cargo for British account for discharge at Abadan.

(Exhibit D)

EXPECTED SAILINGS TO PERSIAN GULF - SEPTEMBER, 1944

<u>Ship</u>	<u>D.W.T.</u>	<u>Cubic</u>	<u>U.S.S.R. Cargo Presentation</u>		<u>At</u>
			<u>Estimated</u>	<u>Date</u>	
<u>SOVIET AID SHIPS</u>					
<u>To Depart in UGS-54</u>					
1. John A. Donald	10,500	500,245	8,700	8/30	Phila.
2. George L. Baker	10,500	500,245	8,700	8/26	Phila.
<u>To Depart in UGS-55</u>					
3. William Tyler	10,500	500,245	5,200*	9/6	Phila.
4. Antonin Dvorak	10,500	500,245	8,700	9/8	Phila.
5. Frederick C. Hicks	10,500	500,245	8,700	9/8	Phila.
6. Albino Perez	10,500	500,245	500*	9/5	Phila.
7. Robert Lansing	10,500	500,245	8,700	9/9	Phila.
8. John F. Steffen	10,500	500,245	8,700	9/9	Phila.
9. William Lyon Phelps	10,500	500,245	8,700	9/8	N.Y.
<u>To Depart in UGS-56</u>					
10. Jesse Cottrell	10,500	500,245	500*	9/14	Phila.
11. William Libbey	10,500	500,245	8,200	9/18	Phila.
12. William A. Jones	10,500	500,245	8,200	9/14	Phila.
13. Josiah Quincy	10,500	500,245	8,700	9/20	Phila.
14. Geronimo	10,500	500,245	8,700	9/18	Phila.
15. Peter Zenger	10,500	500,245	8,700	9/17	Phila.
16. Hiram S. Maxim	10,500	500,245	8,700	9/14	Phila.
17. Moses G. Farmer	10,500	500,245	8,700	9/17	Phila.
18. Ida M. Tarbell	10,500	500,245	8,200	9/20	N.Y.
19. John F. Myers	10,500	500,245	8,700	9/18	N.Y.
20. O. B. Martin	10,500	500,245	8,700	9/19	N.Y.
21. Will Rogers	10,500	500,245	8,700	9/19	N.Y.
22. A. Frank Lever	10,500	500,245	8,700	9/17	N.Y.
Total	231,000	11,005,390	170,000		

P.G.S.C. Cargo
Estimated

P.G.S.C. ALLOCATIONS

<u>To Depart in UGS-54</u>					
23. Martha Berry	10,500	500,245	7,000	9/3	Chastn.
24. James B. Hickok	10,500	500,245	7,000	9/6	Chastn.
<u>To Depart in UGS-55</u>					
25. Shickshinny	7,678	314,000	6,000	9/13	Chastn.
26. Jamaica	8,750	355,000	6,500	9/14	N.Y.
Total	37,428	1,669,490	26,500		
Grand Total	268,428	12,674,880	196,500		

* Balance of cargo for Bahrein and Ras Tanura petroleum projects.

(Exhibit E)

SAILINGS AND CARGO FOR THE SOVIET FAR EAST AND ARCTIC - AUGUST, 1944

<u>Ship</u>	<u>Ex U.S. Ship</u>	<u>D.W.T. Long Tons of Cargo</u>		<u>Date Sailed</u>
		<u>Far East</u>	<u>Arctic</u>	
<u>Dry Cargo Ships</u>				
<u>From Columbia River</u>				
1. Jean Jaures	Thomas Nast	10,791	9,600	8/3
2. Vladimir Mayokovski		5,613	4,465	8/4
3. Rodina II	Henry J. Waters	10,791	10,049	8/6
4. Leningrad	Gouverneur Morris	10,791	9,669	8/13
5. Kolkhosnik	Charles Wilkes	10,791	9,581	8/17
6. Sevzaples		6,085	4,599	8/17
7. Kim		7,560	6,049	8/18
8. Shaturstroi		7,715	5,370	8/18
9. Sovetskaya Latvia		7,800	6,943	8/18
10. Orel	C. E. Duryea	10,791	9,536	8/20
11. Volkhovstroi		7,435	5,413	8/22
12. Ingul II	Emmet D. Boyle	10,791	9,758	8/24
13. Nahodka	I. W. Pratt	10,791	9,824	8/24
14. Vladivostok	Pleasant) Armstrong)	10,791	9,753	8/24
15. Stari Bolshevik		6,180	4,582	8/25
16. Sevastopol	De Witt Clinton	10,791	9,474	8/30
Total		145,507	124,665	
<u>From Puget Sound</u>				
17. Krasnoe Znamia		4,000	2,844	8/1
18. Revolyutsioner		4,300		8/2
19. Soyuspushnina		500	300	8/3
20. Mikhail Kutuzov	Graham Taylor	10,791	9,878	8/8
21. Fabricius		9,400	7,493	8/8
22. Nogin	Ewa	9,822	7,493	8/9
23. Uralmash		4,200		8/13
24. Smolny		2,565	2,018	8/16
25. Sverny Veter (Icebreaker)			53	8/17
26. Dalstroi		11,630	10,005	8/17
27. Nazhim			1	8/18
28. Voikov	Samuel T. Langley	11,150	9,677	8/20
29. Kusbass		5,350		8/20
30. Luga	De Soto	8,635	6,111	8/30
31. Polina Osipenko	Tanana	5,100	4,113	8/31
Total		87,443	59,986	9,054

(Exhibit E) continued

SAILINGS AND CARGO FOR THE SOVIET FAR EAST AND ARCTIC - AUGUST, 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>Far East</u>	<u>Arctic</u>
<u>From San Francisco</u>				
32. Stepan Khalturin		4,300		2,804 8/3
33. Karl Marx		5,379		3,626 8/9
34. Krasnogvardeets	C. S. Fairchild	10,791	9,471	8/9
35. Ashkhabad	Admiral Cole	5,400		3,276 8/16
36. Dvina		7,300	6,507	8/31
37. Izhora		<u>5,400</u>		<u>3,440</u> 8/31
Total		<u>38,570</u>	<u>15,978</u>	<u>13,146</u>
<u>From Vancouver, B. C.</u>				
38. Tungus	Sieur Duluth	10,791	9,538	8/2
39. Tashkent	Iowan	9,500	7,350	8/20
40. Alexander Suvorov	Elijah P. Lovejoy	10,791		8,500 8/25
41. Lunacharski	Klamath	<u>9,400</u>	<u>7,700</u> est.	<u>8/31</u>
Total		<u>40,482</u>	<u>24,638</u>	<u>8,500</u>
Total, dry cargo		312,002	225,267	30,700
<u>Tankers</u>				
<u>From Los Angeles</u>				
42. Apsheron	Charlotte P. Gilman	10,500	8,996	8/5
43. Iosif Stalin	J. F. Farrell	11,398	8,919	8/9
44. Taganrog II	Cedar Creek	16,765	14,875	8/16
45. Azerbaidjan		9,075	7,828	8/20
46. Valerian Kuibyshev	J. C. Fitzsimmons	10,131	8,137	8/20
47. Varlaam Avanesov	Utacarbon	<u>10,949</u>	<u>8,957</u>	<u>8/21</u>
Total		<u>68,818</u>	<u>57,712</u>	
<u>From San Francisco</u>				
48. Sakhalin		8,800	7,652	8/4
49. Belgorod	Paul Dunbar	10,495	9,560	8/13
50. Tuapse	District of Col.	11,227	(10,072)*	8/26
51. Moskva	W. M. Irish	<u>9,400</u>	<u>8,023**</u>	<u>8/31</u>
Total		<u>39,922</u>	<u>25,235</u>	
Total, wet cargo		108,740	82,947	
Grand total, all ships		420,742	308,214	30,700
* This cargo was formerly lifted from Philadelphia on May 30, 1944 by the <u>Donbass II</u> , ex <u>St. James</u> , and was transferred to the <u>Tuapse</u> at San Francisco. Since the amount has already been counted as a May lifting, it is not included in the totals for the current month.				
** Also lifted 1,414 long tons of cargo transferred from the <u>Donbass II</u> , ex <u>St. James</u> , which is not shown above.				

PSF

C. F.
Lend Lease

WAR DEPARTMENT
WASHINGTON, D. C.

file
Confidential

Euro

September 11, 1944.

The President,
The White House.

Dear Mr. President:

Action of the War Department in furnishing Lend-Lease aid to the Union of Soviet Socialist Republics under the Fourth Protocol for the month of August 1944 is summarized in the inclosed report.

Since the Fourth Protocol has not yet been formalized, the report is based upon the items and quantities recommended by the War Department for offerings to the Soviet Union. For this reason, the items and quantities disclosed in the report are subject to revision in accordance with the Fourth Protocol when it has been executed. Performance for the month of August based upon such offerings shows a delivery of approximately nineteen per cent of the material to be furnished by the War Department in the Fourth Protocol year.

The total Protocol commitment of aircraft for August was made available and exports are proceeding on schedule.

Respectfully yours,

Henry L. Stimson

Secretary of War.

x4193
x220

Incl:
Tabs A to C
inclusive

x25



WAR DEPARTMENT

WASHINGTON, D. C.

SEP 11 1944

The President,

The White House.

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Respectfully yours,

HENRY L. STIMSON

Secretary of War.

Incl:
Tabs A to C
inclusive

R. J. M.



Return to Secretary of War

SEP 11 1944

The President,

The White House.

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The total Protocol commitment of aircraft for August was made available and exports are proceeding on schedule.

Respectfully yours,

HENRY L. STIMSON

Secretary of War.

Incl:
Tabs A to C
inclusive

~~SECRET~~

TAB A

WAR DEPARTMENT

STATUS OF MILITARY GROUND ITEMS
AS OF 31 AUGUST 1944

The following summary shows the Status of Military Ground Items
during the Fourth Russian Protocol period 1 July 1944 to 31 August 1944

	<u>Fourth Protocol War Department Offerings (Short Tons)</u>	<u>Fourth Protocol Offerings Made Available (Short Tons)</u>
Ordnance	1,033,732	159,556
Signal	43,063	6,118
Engineer	57,703	33,662
Transportation	388,495	89,460
Chemicals	92,352	27,177
Quartermaster	57,218	7,333
Medical	3,000	607
	<u>1,675,563</u>	<u>323,913</u>
Basket Category (Tab A-2)	100,000	2,977

~~SECRET~~

AUTH.
INITIALS
DATE

Frankl
DECL

000

Date-

Signature

~~SECRET~~

TAB A-1

FOURTH PROTOCOL OFFERINGS OF MILITARY GROUND ITEMS

Item	Protocol Number	Fourth Protocol Offerings	Second Months' Schedule	Second Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions	
					% Shortage	Overage	%	Total Offerings	Availability 31 Aug. 1944	Quantity	Tonnage
<u>ORDNANCE</u>											
Combat Vehicles											
Medium Tanks, M4A2	II 1A2	3,173	512	455	11.1	57		96,142	15,406	1	34
Hydraulic Turret Traversing System f/Russian Tanks (Sets)	II 1H	1,000	-	150				49	21		
Service Trucks											
Field Repair Trucks											
2½ Ton 6x6 (Signal)	II 2A	82	14	-				787	-		
2½ Ton 6x6 (Couse)		140	-**	-				1,344	-		
Tank Transporter, 40 Ton	II 2C	400	-**	-				10,603	-		
<u>Trucks</u>											
Truck, ½ Ton 4x4 (Jeep)	II 3A1	9,683	3,228	1,964	39.1	1,264		9,973	2,867		
Truck, ¾ Ton 4x4 WC	II 3B1	16,000	1,600	1,818			218 13.6	41,304	6,522		
Truck, 1½ Ton 4x2	II 3B2	16,000	5,332	2,940	44.8	2,392		54,544	9,576		
Truck, 1½ Ton 4x4	II 3B2	25,436	5,430	6,306			876 16.1	104,732	28,267		
Truck, 2½ Ton 6x4	II 3B3	30,000	4,824	4,924			100 2.1	193,050	25,199		

** Delivery scheduled for second half of Protocol period.

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DDO DIR. 5200.9 (9/27/58)

Date- JAN 25 1972

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Item	Protocol Number	Fourth	Second	Second	Performance by Units			Tonnage (Short Tons)		Repossessions	
		Protocol Offerings	Months' Schedule	Months' Availability	%	Shortage	Overage	%	Total Offerings	Availability 31 Aug. 1944	Quantity
<u>Trucks (Cont'd)</u>											
Truck, 2½ Ton 6x6	II 3B3	43,560(a)	6,386	3,733	41.5	2,653		241,758	19,537		
Truck, 2½ Ton Amphibian	II 3B4	300	100	48	52.0	52		2,700	476		
<u>Truck, 5 Ton and Over</u>	II 3C										
6 or 7½ Ton Prime Mover		240	-**	-				2,640	-		
10 Ton 6x4 (Mack)		700	-**	-				9,163	-		
5 Ton 4x2 Cargo		200	=**	=				1,211	=		
		<u>1,140</u>	-	-				<u>13,014</u>	-		
<u>Truck, Special Purpose</u>	II 3D										
4 or 5 Ton Dump		1,500	106	334				11,030	3,867		
Snow-plows, rotary type gasoline engine driven, on 6 ton 6x6 truck mounting		<u>100</u> 1,600	<u>32</u> 138	<u>20</u> 354			216 156.6	<u>1,500</u> 12,530	<u>317</u> 4,184		
<u>Truck-Tractors w/Trailers</u>	II 3I										
2½ Ton 6x4 Tractor w/7 ton Semi-trailers		1,200	132	14				9,849	551		
2- Ton 6x4 Tractor w/Fruehauf T-88 Semi- trailers with Garwood side dump bodies		50	8	-				586	-		
20 Ton 6x4 Tractor w/Fruehauf T-88 Semi- trailers with Garwood end dump bodies		<u>25</u> 1,275	<u>4</u> 144	<u>-</u> 14	90.3	130		<u>293</u> 10,728	<u>-</u> 551		

** Delivery scheduled for second half of Protocol period.
(a) Offering revised.

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Item	Protocol Number	Fourth Protocol Offerings	Second Months' Schedule	Second Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions	
					% Shortage	Overage	%	Total Offerings	Availability 31 Aug. 1944	Quantity	Tonnage
Motorcycles	II 4A1	12,000	2,322	400	82.8	1,922		3,150	115		
Tractors (Artillery Prime Mover)	II 4B1										
Class II (Heavy)		720	120	113				2,880	1,733		
Class III (Medium)		1,680	280	273				5,040	2,708		
		2,400	400	386(b)	3.5	14		7,920	4,441		
Engines for Tractors GMC 4/71	II 4B3	2,000	150	-				2,746	-		
<u>Artillery</u>											
A.A. Guns, 90mm	II 5A1										
M1A1		192	64	-				1,661	-		
M2		48	16	-				456	-		
<u>Ammunition (c)</u>											
Shell HE M71, w/f M43A4 90mm AA Mobile Gun	II 5H	376,200	-	31,400				11,098	926		
Projectile APC M82 90mm Gun AA T & AT		19,800	-	1,650				584	49		
Shell QF HE MK II w/f 40mm AA Gun		5,365,875	-	1,000,000				18,271	3,360		
Shot AP M81 40mm AA Gun		273,250	-	100,000				903	336		
Projectile APC M86 57mm Gun M1		187,000	-	-				2,244			

(b) Accurate figures not available this month due to emergency substitutes to meet convoy deadlines, concerning which full data have not yet been reported.

(c) 34,103 tons of ammunition are scheduled for the first half of the Fourth Protocol period, therefore no schedule is shown for each type of ammunition.

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Item	Protocol Number	Fourth Protocol Offerings	Second Months' Schedule	Second Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions	
					% Shortage	Overage	%	Total Offerings	Availability 31 Aug. 1944	Quantity	Tonnage
<u>Ammunition (Cont'd)</u>											
Shell HE M42A1 Normal Charge w/f PD M48 76mm Gun		426,000	-	117,160				7,029	1,523		
Projectile APC M62 w/Tracer 76mm Gun		426,000	-	117,160				7,455	1,640		
Shot APC M80 37mm AC Gun M4 or M10		431,520	-	-				690	-		
Shell HE M54 37mm AC Gun M4 or M10		1,726,080	-	490,000				2,632	919		
Cartridge AP Cal. .50 M2		18,884,160	-	-				3,050	-		
Cartridge Tracer Cal. .50 M1		25,178,880	-	-				4,004	-		
Cartridge Incend. Cal. .50 M1		18,884,160	-	-				2,918	-		
Link Metallic Belt Cal. .50 M2 AC		62,947,200	-	-				1,637	-		
Shell 240mm How. M1		1,000	-	-				180	-		
Charge, Prop. (360# shell) 240mm How. M1		1,000	-	-				53	-		
Shell 8" Gun		1,000	-	-				143	-		
Charge Propellant 8" Gun		1,000	-	-				86	-		
Cart. HMI, 20mm MK I w/f No. 253, MK II		5,000	-	5,040				2	-		

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Item	Protocol Number	Fourth Protocol Offerings	Second Months' Schedule	Second Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions	
					% Shortage	Overage	%	Total Offerings	Availability 31 Aug. 1944	Quantity	Tonnage
Howitzer, 240mm M1 on Carriage M1	II 5K	2	-**	-				90	-		
Gun 8" M1 on Carriage M2	II 5L	2	-**	-				32	-		
<u>Explosives</u>											
Smokeless Powder (Tons)	II 6A1										
3" Guns		30,000	5,000	3,075				36,000	3,690		
90mm Guns		26,000	4,332	2,294				31,200	2,753		
.30 Cal. Rifle		9,000	1,500	330				10,800	396		
		<u>65,000</u>	<u>10,832</u>	<u>5,699</u>	47.4	5,133		<u>78,000</u>	<u>6,839</u>		
Stick Powder (Solventless Propelling)	II 6A2	-	-	92				-	110		
T.N.T.	II 6B	60,000	10,000	17,000		7,000	70.0	68,400	19,380		
Dynamite (Incl. Ammonite)	II 6C	11,608	1,934	5,858		3,924	202.8	13,350	6,737	340	391
Detonators, Blasting Supplies, Etc.	II 6F										
Blasting fuse (1000')		62,630	20,876	-				626	-		
Cord, Detonating (1000')		6,415	2,138	-				64	-		
Blasting Caps		20,000,000	6,666,666	10,979,500		4,312,834	64.6	<u>1,000</u>	<u>552</u>		
Total								<u><u>1,033,732</u></u>	<u><u>159,556</u></u>		

SIGNAL

Radio Stations Over 1KW	II 7A2										
50 KW Short Wave Station		4	-	-(4)				500			

** Delivery scheduled for second half of Protocol period.
 (4) Tonnage reported but complete units not yet available.

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Item	Protocol Number	Fourth Protocol Offerings	Second Months' Schedule	Second Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions	
					% Shortage	Overage	%	Total Offerings	Availability 31 Aug. 1944	Quantity	Tonnage
<u>Radio Stations Over 1KW (Cont'd)</u>											
15KW Short Wave Station		30	4	-(d)				3,261	696		
7.5 KW Short Wave Station		20	-	1				1,800	21		
3KW Radio Station		99	12	-(d)				9,290	246		
		<u>153</u>	<u>16</u>	<u>1</u>	93.8	15		<u>14,851</u>	<u>974</u>		
<u>Radio Stations 1KW & Under II 7B2</u>											
SCR-399		1,000	200	500				5,000	2,613		
SCR-284		4,000	1,332	1,000				864	239		
SCR-274N		3,300	432	-				825	-		
SCR-177B		200	50	100				225	115		
Pilot V-100B		<u>3,600</u>	<u>200</u>	<u>-</u>	27.7	614		<u>495</u>	<u>-</u>		
		<u>12,100</u>	<u>2,214</u>	<u>1,600</u>				<u>7,409</u>	<u>2,967</u>		
<u>Radio Receivers II 702</u>											
RCA DR-89		400	16	-				288	-		
National HRO		1,200	**	20				60	2		
Federal 128-A		500	**	-				25	-		
SP-210-X or SCR-244		<u>500</u>	<u>**</u>	<u>10</u>				<u>25</u>	<u>2</u>		
		<u>2,600</u>	<u>16</u>	<u>30</u>	14	87.5		<u>398</u>			
<u>Radio Locators, Ground II 7D2</u>											
AN/TPS-3		98	32	2				112	3		
SCR-271-DA		4	1	-				160	-		

** Delivery scheduled for second half of Protocol period.
(d) Tonnage reported but complete units not yet available.

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Item	Protocol Number	Fourth Protocol Offerings	Second Months' Schedule	Second Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions	
					% Shortage	Overage	%	Total Offerings	Availability 31 Aug. 1944	Quantity	Tonnage
<u>Radio Locators, Ground (Cont'd)</u>											
SCR-527		21	6	3				966	136		
SCR-627		13	4	3				345	50		
AM/TT 2-1		15	4	-				59	-		
SCR-545		$\frac{60}{211}$	$\frac{20}{67}$	$\frac{=}{8}$	88.1	59		$\frac{900}{2,542}$	$\frac{-}{189}$		
Radio Direction Finder, SCR-551 w/power supply SCR-169	II 7E	237(e)	78	85			7	8.9	853	319	
<u>Radio Altimeters</u>											
SCR-718	II 7F	50	16	-				2	-		
AN/APN-1		$\frac{250}{300}$	$\frac{84}{100}$	$\frac{=}{=}$				$\frac{=}{2}$	$\frac{=}{=}$		
Radio Beacons	II 7G	(f)	-	-				-	-		
Radio Tubes	II 7H	5,000,000	833,332	894,547			61,215	7.4	518	119	
Radio Component Parts & Accessories & Radio Measuring & Testing Equipment	II 7I &J	\$3,438,000	\$333,332	\$321,890	3.4	\$11,442			1,000	69	
<u>Radio Compasses</u>											
MR-260	II 7K	1,000	332	-					25	-	
SCR-269-G		$\frac{200}{1,200}$	$\frac{66}{398}$	$\frac{=}{=}$					$\frac{10}{35}$	$\frac{=}{=}$	

(e) Offering revised.

(f) Offering under study - request of 50.

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Date: JAN 25 1972

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Item	Protocol Number	Fourth Protocol Offerings	Second Months' Schedule	Second Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions	
					%	Shortage	Overage	%	Total Offerings	Availability 31 Aug. 1944	Quantity
<u>Generator Sets, Military</u>	V 13B1										
Field Battery Charging Stations 5KW		500	-**	-				450	-		
Field Battery Charging Stations 1 1/2 KW		2,000 2,500	166 166	7 7	95.7	159		800 1,250	270 270		
<u>Teletype Apparatus</u>	V 58B										
Teletypewriter Model 15		550	-**	-				187	-		
Teletypewriter Model 19		300	-**	-(g)				109	66		
Telegraph Printer Set EE-97		400	62	200			138 222.5	140	73		
Wheatstone Perforators		254	-**	-				32	-		
Boehme H.S. Keying Equipment		100	-**	40				8) -		
Boehme Ink Recorders		100	-**	40				9) 9		
Field Telephones EE-8 (Soviet)	V 58C1	100,000	10,000	5,020	49.8	4,980		650	43		
<u>Other Telephone and Telegraph Equipment</u>	V 58C2										
Telephone Central Office Set TC-4		300	50	60			10 20.0	150	23		
3-Channel Telephone Carrier Package "C" w/power Units PE-95		20	-**	-				90			
100 Line Switchboard, 401800-1		16*	-	-				-			

* Not included in initial War Department offering.
 ** Delivery scheduled for second half of Protocol period.
 (g) Tonnage being reported but complete units not yet available.

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Item	Protocol Number	Fourth Protocol Offerings	Second Months' Schedule	Second Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions	
					% Shortage	Overage	%	Total Offerings	Availability 31 Aug. 1944	Quantity	Tonnage
Field Telephone Wire WS-1/TS, Miles	VI 6A3	186,000	(h)	22,318				12,830	995		
Total								<u>43,063</u>	<u>6,118</u>		
<u>ENGINEERS</u>											
Airplane Landing Mats	I 6B	16,000,000	2,666,666	11,683,700		9,017,034	338.1	36,600	27,789		
<u>Road & Airport Construction II SA Equipment</u>											
Road rollers, gasoline engine driven, tandem 2-wheel, 5-8 ton		200	**	-				1,440	-		
Road rollers, gasoline engine driven, 3-wheel 10 ton		100	**	22				1,130	297		
Road rollers, 3 1/2-5 ton and/or 5-8 ton		100	16	4				500	30		
Road rollers, gasoline, steam or diesel, 10 ton or over, new or reconditioned tandem, 2 or 3 wheel		60	10	-				720	-		
Road graders, motorized (Moldboard 12') gasoline or diesel		100	**	37				1,450	427		
Plow, snow "V" type w/o trucks		<u>200</u> 760	<u>50</u> 76	<u>100</u> 163		87	114.4	<u>900</u> 6,140	<u>1,586</u> 2,340		

** Delivery scheduled for second half of Protocol period.
(h) Delivery schedule not yet available.

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Tab A-1 - 10 of 15

Item	Protocol Number	Fourth Protocol Offerings	Second Months' Schedule	Second Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions		
					%	Shortage	Overage	%	Total Offerings	Availability	Quantity	Tonnage
									31 Aug. 1944			
<u>Tractor Mounted Construction II 5B</u>												
<u>Equipment</u>												
Tractors, Class II, w/doser		150	8	2	75.0	6		525	4			
<u>Mixers & Pavers, Bituminous II 80</u>												
<u>& Concrete</u>												
Distributor, bituminous material, trailer mounted 1,250 gal.		160	14	10				1,640	100			
Mixer, asphalt, self-propelled, gasoline or diesel engine, w/spreader-finished unit Jaeger Model MP-2		12	-**	-				282	-			
Heater, asphalt, trailer mounted, 2-car, 28 HP		40	4	20				138	73			
Spreader, aggregate, towed type, traction-powered, 8' width w/o truck		100	-**	6				107	11			
Mixer, asphalt, gasoline engine driven, semi-trailer mounted w/pneumatic tires, 15-30 tons per hour, Barber-Green Model 841		33	-**	2				2,772	8			
Finisher, asphalt, crawler mounted 12 ft., Barber-Green Model 879-A		$\frac{3}{348}$	-**	$\frac{-}{38}$		20	111.1	$\frac{43}{4,982}$				
Misc. Military Items	II 11X	(1)*	-	-				-				

* Not included in initial War Department offering.

** Delivery scheduled for second half of Protocol period.

(1) Items included in this category are of small weight value, therefore only a grand total of the tonnage made available is shown.

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2 608 DIR. 5200.9 (9/27/68)

Date- JAN 25 1972

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Tab A-1 - 11 of 15

Item	Protocol Number	Fourth Protocol Offerings	Second Months' Schedule	Second Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions	
					% Shortage	Overage	%	Total Offerings	Availability 31 Aug. 1944	Quantity	Tonnage
Compressors, (Air & Gases), Other	V 2B										
Skid mounted, gasoline engine driven, 500 cfm		100	4	3	25.0	1		516		8	
Crushing, Pulverizing, Screening & Mixing Machinery and Equipment	V 4										
25 cu. yd. trailer mounted rock crusher and screening plants		10	**	-				105		-	
Excavating & Dredging Mach. Crawler Shovels & Cranes	V 52A										
Class III		104	16	46				2,236		1,212	
Class IV		21	4	5				1,008		316	
Class V		15	2	12				945		1,005	
Class VI, VII & VIII		-	-	3				-		62	
Class XI, Mobile		30	2	25				840		711	
Class XII, Mobile		30	2	-				180		-	
		200	26	91		65	250.0	5,209		3,306	
Road scrapers, towed type, cable operated, 8 cu. yd. type III, w/o tractor		78	10	-				675		-	
Ditching machines, crawler mounted, gasoline engine Wheel type, digging depth 5'6" width 23"		10	**	-				120		-	
Ladder type, digging depth 8' width 18" to 24"		10	**	-				120		-	

** Delivery scheduled for second half of Protocol period.

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Item	Protocol Number	Fourth Protocol Offerings	Second Months' Schedule	Second Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions	
					% Shortage	Overage	%	Total Offerings	Availability 31 Aug. 1944	Quantity	Tonnage
Hammer, pneumatic or steam, piledriver, double-acting, 5,000#		100	4	-				254	-		
Misc. Construction Equip.	V 53	(j)*	-	-				-	19		
Professional & Scientific Instruments	V 65	(j)*	-	-				-	2		
Airconditioning and Refrigeration Equipment	V 61										
Iceplant, 1 Ton		80	16	-				420	-		
Iceplant, 3.6 Ton		95	22	-				1,304	-		
Refrigerating Warehouse Prefab. (620 cu. ft.)		50	16	-				183	-		
Refrigerated Semi-trailer		100	16	-				550	-		
Total								<u>57,703</u>	<u>33,662</u>		

TRANSPORTATION

Steam Locomotives, Railroad, II 9A1
60" Gauge

2-10-0, 105 ton	1,428	350	299				186,354	38,870	Franklin D. Roosevelt Library
0-4-0, 50 ton	10	4	-				500	-	DECLASSIFIED
0-6-0, 70 ton	20	6	-				1,400	-	DOD DIR. 5200.9 (9/27/68)
	<u>1,458</u>	<u>360</u>	<u>299</u>	16.9	61		<u>188,254</u>	<u>38,870</u>	

* Not included in initial War Department offering.

(j) Items included in this category are of small weight value, therefore only a grand total of the tonnage made available is shown.

Date- JAN 25 1972

Signature- RCP

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Item	Protocol Number	Fourth Protocol Offerings	Second Months' Schedule	Second Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossession	
					% Shortage	Overage	%	Total Offerings	Availability 31 Aug. 1944	Quantity	Tonnage
Diesel-Electric Locomotive Railroad, 60" Gauge, 127 Ton	II 9A3	100	16	-				12,000	-		
Flatcars, Railroad, 50 M.T. 60" Gauge	II 9B1	7,244	2,414	1,539	36.2	875		165,163	35,397		
Dump Cars, Railroad, 20 cu. yd., 60" Gauge	II 9B2	630	210	630		420	200.0	16,254	12,240		
Heavy Machinery Cars, Railroad, 125-200 ton 60" Gauge	II 9B4	35	12	15		3	25.0	4,200	765		
Spare Parts & Equipment for Railroad Transportation Equipment Furnished	II 9C										
"B" Spares f/2-10-0 Loco.		-	-	32				-	480		
Lifting Beams f/2-10-0 Loco.		-	-	4				-	16		
Industrial Type Locomotives, V 59A cars and parts											
Steam Locomotives, O-E-O, 27 ton, 750 mm gauge		16	6	-				432	-		
Dump Cars, 20 ton, 750 mm gauge		50	16	50		34	212.5	750	750		
Flat Cars, 12 ton, 750mm Gauge		50	16	-				500	-		
Cranes, Gantry, Portal Wharf, 45 Ton	V 6B 6*	-	-	6				942	942		
Total								<u>188,495</u>	<u>89,460</u>		

* Not included in initial War Department offering.

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Tab A-1 - 14 of 15

Item	Protocol Number	Fourth Protocol Offerings	Second Months' Schedule	Second Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions		
					% Shortage	Overage	%	Total Offerings	Availability 31 Aug. 1944	Quantity	Tonnage	
<u>CHEMICALS (Tons)</u>												
Dibutyl Phalate	VI 10B10	1,200	-	26				1,332	30	26	30	
Ethylene Glycol	VI 10B19	4,000	-	2,000				4,400	2,202			
Glycerine	VI 10B22	4,400	722	464	35.7	258		5,192	547	127	149	
Hexamine (Urotropine)	VI 10B23	3,000(k)	500	300	40.0	200		3,300	330	498	547	
Methanol	VI 10B24	12,000(1)	-	1,423				13,105	1,628	433	496	
Phenol	VI 10B26	12,000	2,000	961	51.9	1,039		13,440	1,076			
Toluol	VI 10B32	40,000(m)	6,666	21,145			14,479	217.2	40,000	21,145	313	313
Ethyl Centralite	VI 10E2	350	-	-				466	-			
Other Chemicals	VI 10E99	9,700(o)	-	133				10,670	134	220	231	
Vistanex	VI 16A	410	-	76				447	85	26	29	
Total								<u>92,352</u>	<u>27,177</u>			

QUARTERMASTER

Cotton Cloth, Uniform Twill (Sq. Yds.)	VI 11A	25,000,000	4,166,666	4,583,671		417,005	10.0	7,520	2,154		
Woolen Cloth (Yds.)	VI 11B	17,050,000	2,249,998	3,206,365		956,367	42.5	16,191	3,081		

- (k) Offering revised.
- (1) 950 in bulk, 11,050 (12,155 s.w.) dry cargo.
- (m) Liquid cargo in bulk.
- (o) This tonnage is not a War Department commitment.

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Item	Protocol Number	Fourth Protocol Offerings	Second Months' Schedule	Second Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions	
					%	Shortage	Overage	%	Total Offerings	Availability 31 Aug. 1944	Quantity
<u>QUARTERMASTER (Cont'd)</u>											
Tarpaulin and Duck	VI 11D	3,000,000	166,666	462,167			295,501	177.3	2,833	605	
Leather	VI 13	11,963	1,992	117	94.1	1,875			12,561	130	
Leather Transmission Belting (Meters)	VI 14	20,000*	-	-					108	-	
Army Boots	VI 19A	5,000,000	833,332	444,940	46.6	388,392			13,250	1,179	
Long Leather Jackets	VI 20A	55,000*	-	-					-	-	
Industrial Lift Trucks	V 7	951	152	55	63.8	97			<u>4,755</u>	<u>184</u>	
	Total								<u>57,218</u>	<u>7,333</u>	
<u>MEDICAL</u>											
Medical Supplies (n)	VII	\$17,500,000	\$2,916,666	\$1,812,043	37.8	\$1,104,623			3,000	607	
	Grand Total								1,675,563	323,913	

* Not included in initial War Department offering.
(n) Offering revised. Provided Soviet requests are for quantities and items acceptable to the U. S. and are fulfilled to the greatest extent possible from available standard Medical items.

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TAB A-2

The items included in the "Basket Category" below are items assigned to the Russians which will be

- a. Either in excess of quantities contained in Fourth Protocol
- b. Additions to new items
- c. Items assigned in Third Protocol, not offered again in the Fourth Protocol but which may be made available during the Fourth Protocol.

<u>Item</u>	<u>Protocol Number</u>	<u>Tonnage (Short Tons)</u>	
		<u>Offering</u>	<u>Availability</u>
Basket Category, Group 2, Spot		100,000	
Carrier, Personnel, Half Track M5 & M5A1	II 10		2,262
Car, Scout M3A1	II 1D		<u>715</u> 2,977

21

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SUMMARY OF TABULATION "B"

The attached tabulation reflects the status of factory deliveries and export of aircraft on the Fourth Russian Protocol. The total Protocol commitment for August was met by delivery at the factory, although B-25 aircraft scheduled for August factory delivery were increased from twenty-five to fifty in the middle of the month on which under delivery will be caught up in September and twenty-five P-63 aircraft were delivered by factory in August against September allocation.

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STATUS OF AIRCRAFT ON THE FOURTH RUSSIAN PROTOCOL
AS OF 31 AUGUST 1944

<u>Type</u>	Protocol Requirement to Date	Available at Factory	Departed from U.S.A.				Still in U.S.A.
			By Air		By Water		
			North	South	Persian Gulf	Murmanak	
<u>U. S. Account</u>							
Medium Bombers	B-25	75		50 (a)			
Fighters	P-39	177		125		50	2
	P-63	273		298 (b)			47
Transports	C-47	<u>40</u>		<u>38</u>			<u>2</u>
Total U. S. Account		565		464		50	51

- (a) B-25 aircraft scheduled for August factory delivery were increased from twenty-five to fifty in the middle of the month. Under delivery will be caught up in September.
- (b) Twenty-five P-63 aircraft were delivered by factory in August against September allocation.

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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 26 AUGUST 1944

	<u>Number Received in Persian Gulf to date</u>	<u>Number Delivered to U.S.S.R. to date</u>
Trucks	135,854	129,723
Airplanes:		
A-20	1,426	1,423
B-25	124	124
P-40	1,096	1,042
P-39	1,976	1,969
AT-6	21	21
P-47	177	78
Total	<u>4,820</u>	<u>4,657</u>

	<u>By Rail at Teheran</u>	<u>By U.S. Trucks</u>	<u>By U.S.S.R. Trucks</u>	<u>By U.K. Trucks</u>	<u>Total</u>
Long tons delivered to U.S.S.R. from 29 July to 26 August 1944.	154,867	31,950	57,197	9,804	253,818

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(SC)L11-7/EF61
Serial 0329012

[Redacted]

file

THE SECRETARY OF THE NAVY
WASHINGTON

PSF
G.F.
Lend Lease

12 SEP 1944

Dear Mr. President:

In accordance with your memorandum of 2 October 1942 there is enclosed herewith a report as of 1 September 1944 showing the progress made by the Navy Department in supplying lend-lease material requested by the Soviet Government.

Respectfully submitted,

James Forrestal
x18

The President
The White House

x4193
x220

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JAN 25 1972
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STATUS OF DELIVERY OF MATERIALS REQUISITIONED BY THE SOVIET GOVERNMENT OF
THE NAVY DEPARTMENT UNDER THE PROVISIONS OF THE SECOND PROTOCOL
(ALL OTHER ITEMS HAVING BEEN DELIVERED)

T

ITEM	AMOUNT REQUESTED	DELIVERED PRIOR TO 1 JULY 1942	DELIVERED BETWEEN JULY 1942 AUG. 1944	DELIVERY SCHEDULE FOR SEPT. 1944	DELIVERY SCHEDULE FOR OCT. 1944	DELIVERY SCHEDULE FOR NOV. 1944	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
MARINE DIESEL GENERATORS	1,310	2	1,308	0	0	0	0	

NON-PROTOCOL ITEMS

ITEM	AMOUNT REQUESTED	DELIVERED	DELIVERY SCHEDULE FOR SEPT. 1944	DELIVERY SCHEDULE FOR OCT. 1944	DELIVERY SCHEDULE FOR NOV. 1944	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
WOODEN SUB-CHASERS	108	98	10	0	0	0	
TWIN SCREW TUG BOATS	15	0	3	3	2	7	UNSCHEDULED
PBN-1 AIRPLANES	108	48	5	5	5	45	DEC. 1944 - JUNE 1945

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	DELIVERY	DELIVERY	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
			SCHEDULE FOR SEPT. 1944	SCHEDULE FOR OCT. 1944	SCHEDULE FOR NOV. 1944		
SCRIPPS ENGINES	66	40	12	12	2	0	
RADIO BEACONS	5	0	0	0	0	5	UNSCHEDULED
MARINE DIESEL ENGINES (1200 H.P.)	50	0	0	0	0	50	UNSCHEDULED
MARINE DIESEL ENGINES (650 H.P.)	0	0	0	0	0	0	
MARINE DIESEL ENGINES (101-500 H.P.)	354	220	50	36	0	48	UNSCHEDULED
MARINE DIESEL GENERATORS	1,302	571	153	161	115	302	UNSCHEDULED
MARINE PUMPS	647	616	31	0	0	0	
SHORE RADIO STATIONS	3	2	0	0	0	1	UNSCHEDULED
SALVAGE STATIONS	40	10	10	10	10	0	
ELECTRO STATIONS FOR UNDERWATER LIGHTING	60	0	0	0	60	0	
PNEUMATIC UNDERWATER TOOLS	60 Sets	Partial	Partial	Partial	Partial	Partial	UNSCHEDULED
ELECTRIC MOTORS	512	0	0	0	0	512	UNSCHEDULED
ROUNDS 20 MM AA AMMUNITION	2,500,000	1,999,800	100,000	100,000	100,000	200,200	UNSCHEDULED
50 CALIBER TWIN MOUNTS	900	700	200	0	0	0	
50 CALIBER AA MACHINE GUNS	1,800	1,500	300	0	0	0	
PETROLEUM PRODUCTS (SHORT TONS)	745,688	381,000	72,000	72,000	72,000	148,688	DEC. 1944 and JAN. 1945.
WOOLEN CLOTH	1,655 Tons	872 tons	783 tons	0	0	0	

STATUS OF DELIVERY OF MATERIAL REQUISITIONED BY THE SOVIET GOVERNMENT
OF THE NAVY DEPARTMENT (FOURTH PROTOCOL)

ITEM	AMOUNT REQUESTED	DELIVERED	DELIVERY SCHEDULE FOR SEPT. 1944	DELIVERY SCHEDULE FOR OCT. 1944	DELIVERY SCHEDULE FOR NOV. 1944	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
MARINE DIESEL ENGINES (950 H.P.)	30	10	0	0	2	18	UNSCHEDULED
MARINE DIESEL ENGINES (650 H.P.)	62	31	4	0	1	26	UNSCHEDULED
MARINE DIESEL ENGINES (101-500 H.P.)	620	470	44	20	20	56	UNSCHEDULED
MARINE DIESEL ENGINES (31-100 H.P.)	660	230	61	65	36	268	UNSCHEDULED
MARINE DIESEL ENGINES (9-30 H.P.)	250	75	25	50	75	25	DEC. 1944
MARINE GASOLINE ENGINES (1200 H.P.)	1,780	1,602	60	60	58	0	
MARINE GASOLINE ENGINES (13-100 H.P.)	680	276	140	150	114	0	
MARINE DIESEL GENERATORS	255	0	0	0	0	255	UNSCHEDULED
MARINE PUMPS	451	0	250	201	0	0	
RADIO RECEIVERS	428	103	0	0	0	325	UNSCHEDULED
STORAGE BATTERIES FOR SUBMARINES	25	9	4	4	4	4	DEC. 1944
KNOCKED DOWN MOTOR TORPEDO BOATS	44	0	0	0	0	44	INDEFINITE
ASSEMBLED MOTOR TORPEDO BOATS	56	0	0	0	0	56	INDEFINITE
CENTRIFUGAL FANS	47	47	0	0	0	0	
POTASSIUM TETRAOXIDE	1,820,000 lbs	1,054,752	30,000	35,248	0	700,000	UNSCHEDULED
ELECTRIC MOTORS	991	616	78	36	15	246	UNSCHEDULED
RADIO BEACONS	10	0	0	0	0	10	UNSCHEDULED
ELECTRICAL TACHOMETERS	279	201	0	12	6	60	UNSCHEDULED
DIESEL ELECTRIC DRIVE SETS	6	Partial	Partial	Partial	Partial	Partial	UNSCHEDULED
CIRCUIT BREAKERS	100	80	20	0	0	0	
BASE SPARES FOR MARINE DIESEL ENGINES	6 sets	1 set	1 set	0	1 set	3 sets	FEB. 1945

STATUS OF DELIVERY OF MATERIAL REQUISITIONED BY THE SOVIET GOVERNMENT
OF THE NAVY DEPARTMENT (FOURTH PROTOCOL)

ITEM	AMOUNT REQUESTED	DELIVERED	DELIVERY	DELIVERY	DELIVERY	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
			SCHEDULE FOR SEPT. 1944	SCHEDULE FOR OCT. 1944	SCHEDULE FOR NOV. 1944		
TIMING EQUIPMENT	25	0	0	0	0	25	UNSCHEDULED
ROTATING BEACONS	48	0	30	10	0	8	UNSCHEDULED
CYLINDER HEADS	2	0	2	0	0	0	
SPARES FOR UNDER-WATER SOUND EQUIPMENT	1 lot	0	0	0	0	1 lot	UNSCHEDULED
ELECTRIC HYDRAULIC STEERING GEAR	1	0	0	0	0	1	JANUARY 1945
RADIO TRANSMITTING EQUIPMENTS	1 lot	0	0	0	0	1 lot	UNSCHEDULED
HIGH FREQUENCY SIGNAL GENERATORS	1 lot	0	0	0	0	1 lot	UNSCHEDULED
MAGNETIC MINESWEEPING GEAR	20 sets	Partial	Partial	Partial	Partial	Partial	UNSCHEDULED
ELECTRICAL EQUIPMENTS SETS FOR RUDDER STEERING GEAR	3	0	0	0	0	3	UNSCHEDULED
BASE SPARES FOR MOTOR TORPEDO BOATS	2 sets	0	0	0	0	2 Sets	UNSCHEDULED
OXYGEN PLANTS	6	0	6	0	0	0	
DIVING STATIONS	3	0	0	0	3	0	
MM RADIO SETS	300	Partial	Partial	Complete	0	0	
ELECTRICAL EQUIPMENT	2 lots	0	1 lot	0	0	1 lot	UNSCHEDULED
PORTABLE DECK FUEL CELLS	60	0	0	0	0	60	UNSCHEDULED
LIGHTING FIXTURES	2 lots	Complete	0	0	0	0	
PROPELLERS	3	0	0	0	0	3	UNSCHEDULED
SPARE PARTS FOR GYRO COMPASS	6 sets	1 set	2 sets	2 sets	1 set	0	
FEEDWATER REGULATORS AND VALVES	26	20	0	0	0	6	UNSCHEDULED
OIL BURNERS	140	0	0	140	0	0	
RADAR EQUIPMENT	22	0	22	0	0	0	
ENGINE INSTRUMENT EQUIPMENT	1 lot	0	0	0	0	1 lot	UNSCHEDULED
PROPELLER SHAFT EQUIPMENT	110 sets	0	0	0	0	110 sets	UNSCHEDULED

STATUS OF DELIVERY OF MATERIAL REQUISITIONED BY THE SOVIET GOVERNMENT
OF THE NAVY DEPARTMENT (FOURTH PROTOCOL)

ITEM	AMOUNT REQUESTED	DELIVERED	DELIVERY SCHEDULE FOR SEPT. 1944	DELIVERY SCHEDULE FOR OCT. 1944	DELIVERY SCHEDULE FOR NOV. 1944	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
PROPULSION MACHINERY FOR 110' SUBCHASERS	2 sets	0	0	0	0	2 sets	UNSCHEDULED
RADIO AND RADAR TENDER AND STOCK SPARES	1 lot	0	0	0	0	1 lot	UNSCHEDULED
5" /38 CALIBER SINGLE LOADING MACHINE MK 14 MOD 4 AND SPARE PARTS	64	62	2	0	0	0	
5"/38 AMMUNITION	66,000	21,200	10,500	28,200	6,100	0	
AIR TANKS (TORPEDO) ROUGH MACHINED	1,000	102	273	175	175	275	COMPLETE IN JANUARY 1945
HYDROSTATIC COMPARTMENT CASINGS (TORPEDO) ROUGH MACHINED	50	50	0	0	0	0	
AIR TANK BOTTOMS (TORPEDO) BULKHEADS	2,000	0	400	0	0	1,600	DEC. 1944 TO MAY 1945
WATER COMPARTMENT BOTTOMS (TORPEDO) BULKHEADS	1,000	0	300	300	300	100	DEC. 1944
TORPEDO TUBE HEATERS	300	136	0	0	0	164	UNSCHEDULED
AIRCRAFT TORPEDOES MK 13 MOD 1	240	0	0	0	0	240	UNSCHEDULED
TORPEDO SIGHTS FOR AIR- CRAFT TORPEDOES MK 13 Mod 1	48	0	0	0	0	48	UNSCHEDULED
3"/50 CALIBER GUN BARRELS	50	50	0	0	0	0	
TELESOPES MK 74	100	100	0	0	0	0	
BEECH BLOCK ASSEMBLIES FOR 5"/38 CALIBER GUNS	2	2	0	0	0	0	
ROLLER AND ROLLER PATH ASSEMBLIES FOR 5"/38 SINGLE MOUNTS	5	5	0	0	0	0	
SPARE BARRELS FOR 5"/38 GUNS	2	2	0	0	0	0	
BREECH HOUSINGS COMPLETE WITH BREECH MECHANISMS, RECOIL, AND COUNTER RECOIL SYSTEMS FOR 5"/38 GUNS	2	2	0	0	0	0	

STATUS OF DELIVERY OF MATERIAL REQUISITIONED BY THE SOVIET GOVERNMENT
OF THE NAVY DEPARTMENT (FOURTH PROTOCOL)

ITEM	AMOUNT REQUESTED	DELIVERED	DELIVERY SCHEDULE FOR SEPT. 1944	DELIVERY SCHEDULE FOR OCT. 1944	DELIVERY SCHEDULE FOR NOV. 1944	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERY OF BALANCE
STAR GAUGES MK 3	4	0	0	4	0	0	
BORE SEARCHER FOR 5"/38 GUN	1	0	0	1	0	0	
BORE SEARCHER FOR 3"/50 GUN	1	0	0	1	0	0	
TELESCOPES MK 62	132	0	132	0	0	0	
TELESCOPES MK 83	132	0	132	0	0	0	
SPARE PARTS FOR MK 62 AND MK 83 TELESCOPES	1 lot	0	1 lot	0	0	0	
MODIFICATION PARTS FOR SIGHTS FOR THE 132-5"/38 CALIBER ASSEMBLIES	1 lot	0	1 lot	0	0	0	
3" /50 CALIBER LOADING MACHINES MK 7 MOD 1	100	81	19	0	0	0	
MARK 7 ARBORS AND IMPULSE CHARGES NO. 3	2,500 each	900 each	800 each	800 each	0	0	
JANIER AVIATION CLOCKS	1,000	747	100	153	0	0	
HYDROMETEROLOGICAL INSTRUMENTS	68 items	0	Partial	Partial	Complete	0	
AERONAUTICAL RADIO TESTING EQUIPMENT	Miscellaneous items	0	Partial	Partial	Partial	Partial	DECEMBER 1944
TRAINING FILMS	121 items	0	35%	65%	0	0	
PBN-1 AIRPLANES	30	30	0	0	0	0	
PHOSPHOROUS FLOHRESCENT MATERIALS	4.5 tons	.67 tons	3.83 tons	0	0	0	
RUBBER KNEE BOOTS	86 tons	44 tons	42 tons	0	0	0	
SIGNAL FLAGS	.91 tons	.91 tons	0	0	0	0	