

Land Lease: Mar.-Apr. 1945

Additional documents are located in COPIES OF MATERIALS FROM OTHER REPOSITORIES.

Please consult the archivist on duty in the Research Room.

Harry S. Truman to Secretary of War, 4/17/45 with attachments

Memorandum, Matthew J. Connelly to Leo T. Crowley, 5/26/45 with attachments

L. G. Leese

PETROLEUM ADMINISTRATION FOR WAR

7

WASHINGTON

MAR - 6 1945

My dear Mr. President:

I am pleased to enclose our March 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 the Executive of the President's Soviet Protocol Committee, Major General John Y. York, Jr.

Sincerely yours,

[Signature]
Petroleum Administrator for War.

x4435

The President,

The White House

x220
x4193
x56

PETROLEUM ADMINISTRATION FOR WAR

WASHINGTON

MAR - 6 1945

My dear Mr. President:

I am pleased to enclose our March 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 the Executive of the President's Soviet Protocol Committee, Major General John Y. York, Jr.

Sincerely yours,

(Sgd) Ralph K. Davies

Deputy Petroleum Administrator for War.

The President,

The White House

PETROLEUM ADMINISTRATION FOR WAR

WASHINGTON 25, D. C.

SUPPLIES FOR THE U.S.S.R.

Report to The President

PETROLEUM PRODUCTS

According to information received from representatives of the Soviet Government Purchasing Commission during a discussion of their short and long term requirements they indicated that their best estimate at the present time of their petroleum requirements including the Arctic Program for the balance of the present Protocol year, March/June 1945, would amount to the following:

<u>PRODUCT</u>	<u>LONG TONS</u>
Blending Agents	123,000
100-Octane Aviation Gasoline	288,500
70-Octane Unleaded Aviation Gasoline	680
70-Octane Motor Gasoline Leaded	4,000
Other Motor Gasoline	117,540
Kerosene	5,180
Diesel Oil	58,940
Aviation Lubricating Oils	19,750
Miscellaneous Lubricating Oils	18,150
Tetraethyl Lead	800
Total	636,540

In addition to the above, it is expected that the following quantities of blending agent and 100-octane aviation gasoline will be required from Abadan during the same period under an arrangement whereby a corresponding quantity will be allocated to the British from United States controlled sources:

<u>PRODUCT</u>	<u>LONG TONS</u>
Blending Agent	20,000
100-Octane Aviation Gasoline	128,000

Based on this revision it is estimated that total shipments during the present Protocol year ending June 30, 1945, will approximate 1,775,000 short tons, including quantities delivered from Abadan. It is interesting to note that the Protocol itself for this period covers 800,000 short tons including Abadan shipments.

An effort was made to secure an indication of Russian requirements by quarters for a year's period starting April 1, 1945, and for the calendar year 1946 for use in the forthcoming meetings with the British on the revised World Program. The Russians stated it would not be possible to furnish such an estimate as they had

DECLASSIFIED

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

Interior Dept 125, 11-3-72

MAR 21 1973

~~CONFIDENTIAL~~
~~CONFIDENTIAL~~

PETROLEUM ADMINISTRATION FOR WAR

WASHINGTON 25, D. C.

DECLASSIFIED MAR 21 1973
E.O. 11652, Sec. 8(E) and 5(D) or (B)

no information to use as a basis and would have to resort to guess-work which they were not inclined to do. Further efforts will be made to secure this information from them.

It has been necessary to revise the arrangements made to supply the Russians through Abadan with the surplus blending agent which was expected to become available at the Bahrein Refinery commencing in January at a rate of 1,500 b/d for a three months' period. Due to operating difficulties at Bahrein Refinery it is now estimated that the production of surplus blending agent will not commence until about the middle of March. In view of the above, and the possibility that an additional delay may be encountered, final arrangements for the disposition of this surplus will not be made until it is known that the surplus is actually on hand.

We have been advised by the Office of the British Petroleum Representative that due to the program now in effect at Abadan surplus cumene is accumulating at a rate which will make approximately 30,000 barrels of this product available for other uses by the end of April. The OEPFR further advise that London feels the best disposition of this surplus would be to turn it over to the Russians. The British have suggested, therefore, that cumene be shipped from Abadan to the U.S.S.R. up to the present indicated availability, and that future supplies also be shipped to Russia to meet Russian requirements for this product so that no call for cumene will be made on the United States against Russian requirements. The Russians' requirements of cumene amount to 7,500 barrels per month, but due to the shortage in the U.S. it has not yet been possible to take care of their December requirement. In view of the critical shortage it is very desirable that the surplus at Abadan be turned over to the Russians so as to give relief to the U.S. Accordingly we understand that efforts are being made with the Russians through the Navy to substitute Abadan supply for U.S. supply.

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 February 28, 1945. 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 agents from Abadan during the period July 1, 1943 to January 31, 1945. Allocation of quantities corresponding to these Abadan shipments has been or will be made out of United States controlled sources.

Aviation Gasoline and Blending Agents	13,597,787	Barrels
Motor Gasoline	1,188,448	"
Miscellaneous Naphtha and Kerosene	87,381	"
Gas Oil	655,338	"
Fuel Oil	27,831	"
Lubricating Oil	445,972	"
Grease	8,513	"
Tetraethyl Lead	23,119	"
Lubricating Oil Additives	37,250	"
Total	16,071,639	Barrels

Ceresine and Paraffin Wax

5,441 Short Tons

CONFIDENTIAL

PETROLEUM ADMINISTRATION FOR WAR

MAR 21 1973

WASHINGTON 25, D. C.

DECLASSIFIED
E.O. 11652, Sec. 8(E) and 5(D) or (M)

PETROLEUM REFINING PLANTS AND UNITS

Second Protocol

It is estimated as of March 1 that the oil refining plants supplied under the Second Protocol are constructed in Russia as follows: Plant 1, 62%; Plant 2, 15%; Plant 3, 62%; Plant 4, 28%. This equals an average of 41% for all plants and is based on dollar values of materials shipped to Russia.

Due to the fact that Plant No. 3 was moved about 200 miles west of its original location to Kuibyshev, it was necessary to provide 36,000 additional feet of 14-inch pipe for the water system.

The new water system for Plant No. 2 has been redesigned to conform with WPB war-time standards, taking into consideration the fact that it is being installed in Russia under extreme weather conditions.

Third Protocol

The March 1 status of the refining equipment being supplied under the Third Protocol as estimated, is as follows:

- (a) Engineering 85% completed
- (b) Purchasing 95% completed
- (c) Shipped from manufacturers plants, approximately 8,000 tons
- (d) Shipped from U.S.A., approximately 800 tons.

Since our last report, the time cycles for the manufacture and delivery of oil refining equipment have lengthened. It is now estimated that about 18% of the Third Protocol refining equipment will be delivered after June 30.

OILFIELD EQUIPMENT AND REFINERY MAINTENANCE ITEMS

A report showing the December 31, 1944, status of the First, Second, and Third Protocol Lend-Lease allotments of equipment 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.

	Ordered	Percent by Value	
		Fabricated	Exported
<u>Oil Country Pipe</u> (Includes line pipe, oil well tubing, casing, drill pipe, drill collars, tool joints)	\$17,467,533 156,522.7 Tons	95.2%	88.0%
<u>Refinery Maintenance Tubing</u> (Includes stainless steel tubing and piping used in maintenance and repair operations)	\$10,553,550 28,105.2 "	81.2%	72.9%

~~CONFIDENTIAL~~

PETROLEUM ADMINISTRATION FOR WAR

WASHINGTON 25, D. C.

	<u>Ordered</u>	<u>Percent by Value</u>	
		<u>Fabricated</u>	<u>Exported</u>
<u>Oilfield Equipment</u> (Includes all exploitation items other than tubular goods)	\$16,446,764 15,206.6 Tons	97.3%	91.6%
<u>Refinery Maintenance Equipment</u> (Includes all maintenance and repair items other than tubular goods)	\$ 6,504,844 6,159.9 "	97.3%	92.0%
<u>Total All Items</u>	\$50,972,691 205,994.4 "	93.2%	86.6%

DECLASSIFIED MAR 21 1973
E.O. 11652, Sec. 8(E) and 5(D) ~~or~~ (E)



File

73/17/45

PSF

THE SECRETARY OF THE TREASURY
WASHINGTON

B.F.
Lend Lease

March 9, 1945

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 March. *x21-2*

The inventory of material in storage as of March 1, 1945 was 187,672 tons or 27,864 tons more than the February 1st inventory. Production scheduled for March shows an increase of 7,716 tons as compared with February.

Faithfully yours,

sub Bill
x21

The President
The White House



x220
x4193

TREASURY DEPARTMENT - U. S. S. R.
MATERIALS AVAILABLE FROM STORAGE AND PRODUCTION DURING MARCH, 1945
 (IN 2000 LB. TONS)

<u>COMMODITY</u>	<u>STORAGE MARCH 1, 1945</u>	<u>PRODUCTION DURING MARCH</u>	<u>TOTAL AVAILABLE</u>	<u>PRIORITY CARGOES FOR PORT AREAS SPECIFIED TO DATE FOR MARCH</u>
AGRICULTURAL MACHINERY AND IMPLEMENTS		20	20	372
ALUMINUM	52		52	
BEARINGS	41	515	556	
BRASS AND BRONZE	1,012	7,104	8,116	8,263
CHEMICALS	2,602	2,516	5,118	1,698
CLOTHING AND TEXTILES		419	419	
CONSTRUCTION MACHINERY		5,877	5,877	
COPPER IN VARIOUS FORMS	14,309	6,015	20,324	7,437
FERRO-ALLOYS	69		69	168
GRAPHITE PRODUCTS	262		262	3,360
HAND AND CUTTING TOOLS		590	590	5,712
INDUSTRIAL MACHINERY	30,995	34,038	65,033	49,254*
NICKEL AND NICKEL PRODUCTS	54	228	282	459
NON-FERROUS METALS, OTHER	25	3	28	22
PAPER AND PAPER PRODUCTS	791	1,750	2,541	224
PLASTICS	895	403	1,298	
RUBBER	785	3,135	3,920	6,272
STEEL, ALLOY AND SPECIAL	21,036	4,079	25,115	17,476
STEEL, CARBON	33,999	17,800	51,799	13,458
STEEL, PIPE AND TUBING	26,062	6,967	33,029	13,111
STEEL, RAILS	52,484	29,500	81,984	21,840
TIN PLATE	2,199	4,555	6,754	560
TOTAL	187,672	125,514	313,186	149,686

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

MAR 9 1945

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 March.

The inventory of material in storage as of March 1, 1945 was 187,672 tons or 27,864 tons more than the February 1st inventory. Production scheduled for March shows an increase of 7,716 tons as compared with February.

Faithfully yours,

/s/ D. W. Bell

The President

The White House

TREASURY DEPARTMENT - U. S. S. R.
MATERIALS AVAILABLE FROM STORAGE AND PRODUCTION DURING MARCH, 1945
 (IN 2000 LB. TONS)

<u>COMMODITY</u>	<u>STORAGE MARCH 1, 1945</u>	<u>PRODUCTION DURING MARCH</u>	<u>TOTAL AVAILABLE</u>	<u>PRIORITY CARGOES FOR PORT AREAS SPECIFIED TO DATE FOR MARCH</u>
AGRICULTURAL MACHINERY AND IMPLEMENTS		20	20	372
ALUMINUM	52		52	
BEARINGS	41	515	556	
BRASS AND BRONZE	1,012	7,104	8,116	8,263
CHEMICALS	2,602	2,516	5,118	1,698
CLOTHING AND TEXTILES		419	419	
CONSTRUCTION MACHINERY		5,877	5,877	
COPPER IN VARIOUS FORMS	14,309	6,015	20,324	7,437
FERRO-ALLOYS	69		69	168
GRAPHITE PRODUCTS	262		262	3,360
HAND AND CUTTING TOOLS		590	590	5,712
INDUSTRIAL MACHINERY	30,995	34,038	65,033	49,254*
NICKEL AND NICKEL PRODUCTS	54	228	282	459
NON-FERROUS METALS, OTHER	25	3	28	22
PAPER AND PAPER PRODUCTS	791	1,750	2,541	224
PLASTICS	895	403	1,298	
RUBBER	785	3,135	3,920	6,272
STEEL, ALLOY AND SPECIAL	21,036	4,079	25,115	17,476
STEEL, CARBON	33,999	17,800	51,799	13,458
STEEL, PIPE AND TUBING	26,062	6,967	33,029	13,111
STEEL, RAILS	52,484	29,500	81,984	21,840
TIN PLATE	2,199	4,555	6,754	560
TOTAL	187,672	125,514	313,186	149,686

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

PSF

~~SECRET~~

THE WHITE HOUSE
MAR 12 2 08 PM '45
RECEIVED

FOREIGN ECONOMIC ADMINISTRATION
OFFICE OF THE ADMINISTRATOR
WASHINGTON 25, D. C.

B.F.
Lend Lease

file

March 10, 1945

MEMORANDUM

TO: The President
FROM: Leo T. Crowley *LTC* x5430
SUBJECT: The Soviet Supply Program x220

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

The regular monthly statistical report on the entire program for the period ended February 28, 1945 will follow in due course as soon as the information has been gathered and correlated.

Attachment

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

x4193

~~SECRET~~

~~SECRET~~

March 10, 1945

THE SOVIET SUPPLY PROGRAM

I. FIRST SHIPS REACH ODESSA

Four vessels arrived at Odessa in February to open service to the Black Sea. The voyage was completed in 28 days, resulting in a saving of 17 days ships time over the route to the Persian Gulf. The saving in transit time to the front is even more marked. Supplies shipped to the Persian Gulf took from six to eight weeks to pass up the Trans-Iranian, cross the Caspian Sea and travel over the railroad to the front from Baku.

Returning vessels from the Black Sea will bunker with reverse lend-lease oil provided by the Soviets at Constanta from Rumanian sources. Some of the vessels will load manganese at Poti. This will inaugurate traffic cut off by the war and desired for U. S. armaments production. Other returning vessels will load cargoes in Turkey and the Mediterranean.

Two tugs have been transferred to the U.S.S.R. for use in Odessa. One sails from the East Coast to the Mediterranean, while the other must come through the Panama Canal from the West Coast.

Persian Gulf activity has been sharply reduced as the Black Sea route opens. One truck assembly plant has already been packed and shipped north for delivery by rail and Caspian barge to Odessa. The second plant will cease operations on March 15th and will then be packed and shipped over the same route. The airplane assembly plant ceased operations in February, and is being disposed of by the War Department.

II. WINTER DELAYS SHIPPING

Sixty vessels cleared during February with approximately 452,000 long tons of cargo. Severe ice conditions held operations on the Pacific to the winter low. Heavy snows delayed rail transportation to U. S. East Coast ports and hampered operations at Soviet ports. As February ended the first icebreaker had guided a group of empty vessels from Vladivostock through the ice pack. It has now joined another icebreaker outside the pack and is starting back over the same route with loaded vessels.

~~SECRET~~

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

2 1972

SECRET

- 2 -

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

Reports from Murmansk indicate that the threatened congestion did not materialize at that point. The excessive cold, however, in Vladivostock has seriously hampered the railroad in moving cargo away from port. With the approaching spring months vessels to Murmansk and Archangel will start loading to 8100 deadweight tons of cargo instead of adhering to their winter marks of 7600 deadweight tons.

March shipping plans call for clearance of 63 vessels with approximately 484,000 long tons of cargo. The Far Eastern route will continue at winter levels, but more vessels will be destined for the Black Sea to compensate for the low rate.

III. AIRPLANES

Departures from Fairbanks dropped from the record of 391 for January to 156 for February. The January record arose because of an accumulation from earlier months and was the result of abnormal conditions. The February total was comprised of 11 B-25's, 27 C-47's and 118 pursuit ships.

One crash was recorded on the route to Alaska in February, following two in January. Planes on hand at Fairbanks at the end of the month totalled 112, which was higher than at the end of January, but not abnormal.

IV. THE PROTOCOLS

The Fourth Protocol remains unsigned, although arrangements have been completed for its signature in Ottawa. During February the Soviets requested several changes in the proposed draft. These were studied and the requests denied as being unnecessary in view of the broad provisions covering the specific situation referred to or as being impossible of performance. The U.S.S.R. has continued to press for a revised form of credit arrangement in place of the proposed amendment to the Master Lend-Lease Agreement.

Procurement has been inaugurated on a metals program approved by your Protocol Committee to anticipate requirements of the early weeks of the Fifth Protocol. A shortage in available facilities has prevented ordering of all types of steel requested by the U.S.S.R. and second choices have had to be substituted in some instances.

SECRET

(SC)L11-7/EF 61
Serial 043712

PSF

THE SECRETARY OF THE NAVY
WASHINGTON

WS.
file
7
3/29

~~CONFIDENTIAL~~
~~CONFIDENTIAL~~

C. F.
Lend Lease

10 MAR 1945

Dear Mr. President:

In accordance with your memorandum of 2 October 1942, there is enclosed herewith a report as of 1 March 1945 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

x220
x4193

Franklin D. Roosevelt Library
DECLASSIFIED
DDI DIR. 5200.9 (9/27/68)

Date- JAN 25 1972

Signature- *RHP*

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

ITEM	AMOUNT REQUESTED	DELIVERED	DELIVERY SCHEDULE FOR MARCH 1945	DELIVERY SCHEDULE FOR APRIL 1945	DELIVERY SCHEDULE FOR MAY 1945	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
SCRIPPS ENGINES	66	66	0	0	0	0	
RADIO BEACONS	5	0	0	0	0	5	UNSCHEDULED
MARINE DIESEL ENGINES 1200 H.P.	50	36	14	0	0	0	
MARINE DIESEL GENERATORS	1,302	956	346	0	0	0	
SHORE RADIO STATIONS	3	2	0	0	0	1	UNSCHEDULED
ELECTRIC MOTORS	512	508	0	0	4	0	
ROUNDS 20MM AA AMMUNITION	2,500,000	1,999,800	0	0	0	500,200	UNSCHEDULED

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

ITEM	AMOUNT REQUESTED	DELIVERED	DELIVERY SCHEDULE FOR MARCH 1945	DELIVERY SCHEDULE FOR APRIL 1945	DELIVERY SCHEDULE FOR MAY 1945	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
KNOCKED DOWN MOTOR TORPEDO BOATS	44	44	0	0	0	0	
ASSEMBLED MOTOR TORPEDO BOATS	86	13	6	6	6	55	JUNE - DECEMBER 1945
136' COASTAL MINESWEEPERS	12	0	0	0	0	12	DELIVERY AT RATE OF 4 PER MONTH BEGINNING IN FIRST QUARTER OF 1945
143' TUG BOATS*	20	0	0	0	0	20	APRIL - AUGUST 1945
*THESE TUGS ARE OFFERED UNDER THE EXPRESS CONDITION THAT WHEN AND AS THEY ARE COMPLETED, THEY MAY BE RETAINED BY THE NAVY TO FILL URGENT OPERATIONAL REQUIREMENTS.							
LANDING CRAFT VARIOUS TYPES	8	6	0	0	0	2	TO BE TRANSFERRED IN EUROPE
TWIN SCREW TUG BOATS SHALLOW DRAFT	15	13	2	0	0	0	
ICEBREAKERS	2	1	1	0	0	0	
MARINE DIESEL ENGINES 950 H.P.	30	10	0	0	0	20	UNSCHEDULED
MARINE DIESEL ENGINES 650 H.P.	62	46	16	0	0	0	
MARINE DIESEL ENGINES 101-500 H.P.	1,345	894	6	0	0	445	UNSCHEDULED
MARINE DIESEL ENGINES 31-100 H.P.	600	279	49	48	48	176	UNSCHEDULED
MARINE DIESEL ENGINES 9-30H.P.	575	250	0	0	0	325	UNSCHEDULED
MARINE GASOLINE ENGINES 1200 H.P.	1,780	1,629	0	0	0	151	UNSCHEDULED
MARINE GASOLINE ENGINES 900 H.P.	50	0	0	0	0	50	UNSCHEDULED
MARINE GASOLINE ENGINES 101-300 H.P.	400	0	0	0	0	400	UNSCHEDULED
MARINE GASOLINE ENGINES 13-100 H.P.	690	512	50	50	46	32	JUNE 1945

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

ITEM	AMOUNT REQUESTED	DELIVERED	DELIVERY SCHEDULE FOR MARCH 1945	DELIVERY SCHEDULE FOR APRIL 1945	DELIVERY SCHEDULE FOR MAY 1945	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
KEROSENE MOTORS	50	0	0	0	0	50	UNSCHEDULED
MARINE DIESEL GENERATORS	736	0	27	2	2	705	UNSCHEDULED
MARINE PUMPS	1,718	504	25	0	310	879	2ND AND 3RD QUARTERS 1945
RADIO RECEIVERS	428	103	0	0	0	325	UNSCHEDULED
STORAGE BATTERIES FOR SUBMARINES	25	25	0	0	0	0	
POTASSIUM TETRAOXIDE	1,820,000 lbs.	1,211,994	90,000	90,000	90,000	338,006	JUNE - SEPTEMBER 1945
ELECTRIC MOTORS	991	681	66	37	0	207	JUNE - AUGUST 1945
RADIO BEACONS	10	0	0	0	0	10	UNSCHEDULED
ELECTRIC TACHOMETERS	279	205	74	0	0	0	
DIESEL ELECTRIC DRIVE SETS	6	4	2	0	0	0	
BASE SPARES FOR MARINE DIESEL ENGINES	6 sets	3	0	3	0	0	
TIMING EQUIPMENT	25	0	25	0	0	0	
ROTATING BEACONS	48	40	0	0	0	8	UNSCHEDULED
ELECTRIC HYDRAULIC STEERING GEAR	1	0	1	0	0	0	
RADIO TRANSMITTING EQUIPMENT	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	COMPLETE 4TH QUARTER 1945
ELECTRICAL EQUIPMENT-SETS FOR RUDDER STEERING GEAR	3	0	0	0	3	0	
BASE SPARES FORMOTOR TORPEDO BOATS	2 sets	Partial	Partial	Complete	0	0	
ELECTRICAL EQUIPMENT	3 lots	Partial	Partial	Complete	0	0	

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

ITEM	AMOUNT REQUESTED	DELIVERED	DELIVERY SCHEDULE FOR MARCH 1945	DELIVERY SCHEDULE FOR APRIL 1945	DELIVERY SCHEDULE FOR MAY 1945	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
PROPELLER SHAFT EQUIPMENT	230 sets	230	0	0	0	0	
PROPULSION MACHINERY FOR 110' SUBCHASERS	2 sets	0	0	0	0	2 sets	UNSCHEDULED
ELECTRIC GENERATORS	110	0	0	0	0	110	UNSCHEDULED
WATCHES, CLOCKS AND CHRONOMETERS	1,906	1,906	0	0	0	0	
ENDLESS TANGENT SEXTANTS	130	0	0	0	0	130	UNSCHEDULED
LOGS AND SPARES	215 sets	151	14	5	5	40	JUNE - AUGUST 1945
COMPASSES	1,298	632	0	0	0	666	UNSCHEDULED
RADIO RECEIVERS	748	73	0	0	0	675	UNSCHEDULED
UNDERWATER SOUND EQUIPMENT AND SPARES	6	0	0	0	0	6	UNSCHEDULED
AUXILIARY VERTICAL STEAM BOILERS	20	0	0	0	0	20	UNSCHEDULED
SOUNDING MACHINES AND EQUIPMENT	50 sets	0	0	0	0	50sets	UNSCHEDULED
COMPRESSORS	249	40	60	4	0	145	UNSCHEDULED
SHIP RADIO STATIONS	50	0	0	0	0	50	UNSCHEDULED
PORTABLE DECK FUEL CELLS	60	0	0	0	0	60	UNSCHEDULED
ARC WELDERS	20	0	0	0	0	20	UNSCHEDULED
PLATING EQUIPMENT FOR BEARINGS	1	0	0	0	0	1	UNSCHEDULED
SPARES FOR UNDERWATER SOUND EQUIPMENT	1 lot	0	0	0	0	1 lot	UNSCHEDULED
STEAM CAPSTANS	20	0	0	0	0	20	UNSCHEDULED
ELECTRIC STEERING ENGINES	20	0	0	0	0	20	UNSCHEDULED
ATTACK AND RECORDER TEACHERS	10	0	0	0	0	10	UNSCHEDULED

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

ITEM	AMOUNT REQUESTED	DELIVERED	DELIVERY SCHEDULE FOR MARCH 1945	DELIVERY SCHEDULE FOR APRIL 1945	DELIVERY SCHEDULE FOR MAY 1945	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
OIL PURIFIERS	4	0	0	0	0	4	UNSCHEDULED
WINDLASSES AND WINCHES	174	0	0	0	0	174	UNSCHEDULED
5"/38 AMMUNITION	66,000	64,700	1,300	0	0	0	
AIR TANKS (TORPEDO) ROUGH MACHINED	1,000	968	32	0	0	0	
AIR TANK BOTTOMS (TORPEDO) BULKHEADS	2,000	2,000	0	0	0	0	
WATER COMPARTMENT BOTTOMS (TORPEDO) BULKHEADS	1,000	1,000	0	0	0	0	
TORPEDO TUBE HEATERS	360	356	4	0	0	0	
STAR GAUGES MK. 3	4	2	1	0	1	0	
BORE SEARCHER FOR 5"/38 GUN	1	0	1	0	0	0	
BORE SEARCHER FOR 3"/50 GUN	1	0	0	0	1	0	
MODIFICATION PARTS FOR SIGHTS FOR THE 132 - 5"/38 CALIBER ASSEMBLIES	1 lot	Partial	Complete	0	0	0	
SUBMARINE TORPEDO DIRECTORS	15	15	0	0	0	0	
RADAR EQUIPMENT MK. 3	5	0	5	0	0	0	
DEPTH CHARGE RELEASE TRACKS MK. 3 WITH EXTENSIONS MK. 3	2	0	2	0	0	0	
COMPLETE SETS OF RADIO TUBES FOR 5 SETS OF NAVAL TYPE RADIO SET FC	20	0	20	0	0	0	
EQUIPMENT SPARE PARTS FOR 5 SETS OF RADAR EQUIPMENT MK. 3	5	0	5	0	0	0	
TENDER SET SPARE PARTS FOR 5 SETS OF RADAR EQUIPMENT MK. 3	1	0	1	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 MARCH 1945	DELIVERY SCHEDULE FOR APRIL 1945	DELIVERY SCHEDULE FOR MAY 1945	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVER... OF BALANCE
ATTACK PLOTTERS MK. 1 MOD. 2 COMPLETE WITH SPARES AND ACCESSORIES	5	0	5	0	0	0	
DYE FOR PAINTING OF SPLASHES FOR 5"/38 CALIBER AMMUNITION	800 lbs.	0	800	0	0	0	
HYDROMETEOROLOGICAL INSTRUMENTS	68 items	Complete	0	0	0	0	
PEN-1 AIRPLANES	108	105	3	0	0	0	
PETROLEUM PRODUCTS (SHORT TONS)	1,383,347	612,421	180,000	180,000	180,000	230,926	JUNE - JULY 1945
WOOLEN CLOTH	1,568 tons	86	508	508	233	233	JUNE 1945

~~SECRET~~

WAR DEPARTMENT
WASHINGTON, D. C.

PSF
L.F.
Lend Lease

March 10, 1945

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 Russian Protocol through the month of February 1945 is summarized in the inclosed report.

Since the Fourth Protocol has not yet been formalized, the report is based upon the items and quantities formally recommended by the War Department for offerings to the Soviet Union plus actual deliveries of some additional material not contained in the original offering. 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 through the month of February based upon such offerings shows a delivery of approximately sixty-five per cent of the material to be furnished by the War Department in the Fourth Protocol year.

The total Protocol Commitment of aircraft for the first eight months is virtually on schedule.

Respectfully yours,

Henry L. Stimson

Secretary of War.

x25

x4193
x220

Incl:
Tabs A to C
inclusive.

Franklin D. Roosevelt Library
DECLASSIFIED
DOB DIR. 5200.9 (9/27/58)

Date- JAN 25 1972

Signature- RHP



~~SECRET~~

~~SECRET~~

WAR DEPARTMENT

WASHINGTON, D. C.

The President,

MAR 10 1945

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 Russian Protocol through the month of February 1945 is summarized in the inclosed report.

Since the Fourth Protocol has not yet been formalized, the report is based upon the items and quantities formally recommended by the War Department for offerings to the Soviet Union plus actual deliveries of some additional material not contained in the original offering. 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 through the month of February based upon such offerings shows a delivery of approximately sixty-five per cent of the material to be furnished by the War Department in the Fourth Protocol year.

The total Protocol Commitment of aircraft for the first eight months is virtually on schedule.

Respectfully yours,

(Sgd.) HENRY L. STIMSON

Secretary of War.

Incl:
Tabs A to C
inclusive.



Franklin D. Roosevelt Library
DECLASSIFIED

DDO DIR. 5200.9 (9/27/58)

Date- JAN 25 1972

Signature- *RHP*

Return to Secretary of War

~~SECRET~~

~~SECRET~~

The President,

MAR 10 1945

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 Russian Protocol through the month of February 1945 is summarized in the inclosed report.

Since the Fourth Protocol has not yet been formalized, the report is based upon the items and quantities formally recommended by the War Department for offerings to the Soviet Union plus actual deliveries of some additional material not contained in the original offering. 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 through the month of February based upon such offerings shows a delivery of approximately sixty-five per cent of the material to be furnished by the War Department in the Fourth Protocol year.

The total Protocol Commitment of aircraft for the first eight months is virtually on schedule.

Respectfully yours,

(Sgd.) HENRY L. STIMSON

Secretary of War.

Incl:

Tab A to C
inclusive.

Franklin D. Roosevelt Library
DECLASSIFIED
DND 5200.9 (9/27/88)

Date-

JAN 20 1972

Signature-

RAH

~~SECRET~~

SECRET

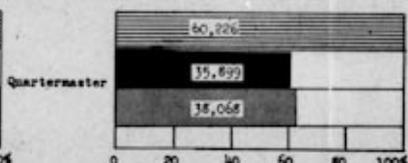
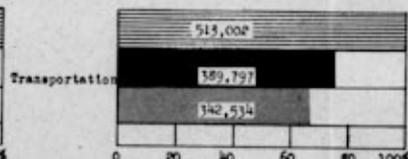
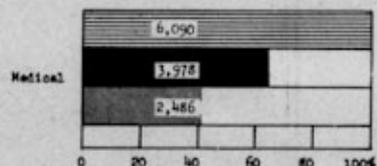
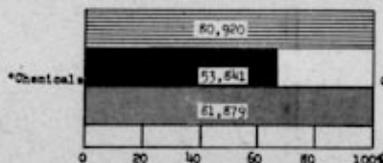
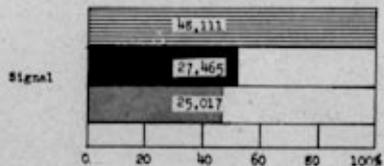
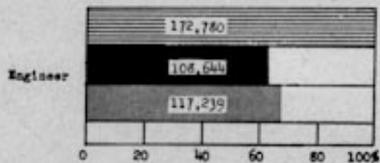
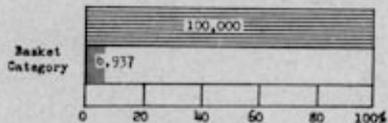
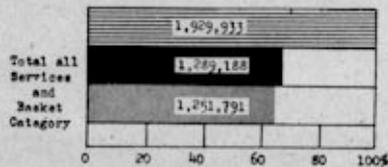
TAB A

WAR DEPARTMENT

STATUS OF MILITARY GROUND ITEMS
AS OF 28 FEBRUARY 1945

(Short Tons)

SECRET
DATE: 6 March 45



Fourth Protocol Offering
Eight Months' Schedule
Availability 28 Feb. 1945

Source of Data: Fourth Protocol and Technical Services
Control and Statistical Branch,
International Division

* The chemicals made available have exceeded the offering by one per cent.

Franklin D. Roosevelt Library

DECLASSIFIED

DOD DIR. 5200.9 (9/27/68)

Date: JAN 25 1972

Signature: *[Handwritten Signature]*

SECRET

TAB A-1

FOURTH PROTOCOL OFFERINGS OF MILITARY GROUND ITEMS

Item	Protocol Number	Fourth Protocol Offerings	Eighth Months' Schedule	Eighth Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions		
					%	Shortage	Overage	%	Total Offerings	Availability 28 Feb. 1945	Quantity	Tonnage
<u>ORDNANCE</u>												
<u>Combat Vehicles</u>												
Medium Tanks, M4A2	II 1A2	2,229	1,767	1,730	2.1	37		75,474	58,554	1	34	
<u>Service Trucks</u>												
Field Repair Truck	II 2A							544	603			
2 1/2 Ton 6x6 (Signal)		82(a)	55	91				929				
2 1/2 Ton 6x6 (Couse)		140	46	-				1,473	603			
		222	101	91	9.9	10						
Tank Transporter, 40 Ton w/Trailer	II 2C	400	134	196			62	46.2	9,722	5,104	2	146
Truck, 1/2 Ton 4x4 (Jeep)	II 3A1	8,000	8,000	5,600	30.0	2,400			11,680	8,176	2,520	3,679
Passenger Cars	V 60	200	200	200					408	408		
Truck, 1/2 Ton 4x4 Amphibian	II 3A2	500	500	199	60.2	301			1,114	443		
<u>Trucks</u>												
Truck, 3/4 Ton 4x4 WC	II 3B1	6,800	5,466	4,550	16.8	916			24,395	16,323	30	108
Truck, 1 1/2 Ton 4x2	II 3B2	17,700	17,700	19,048			1,348	7.6	84,075	90,668	74	352
Truck, 1 1/2 Ton 4x4	II 3B3	25,436	19,340	14,390	25.6	4,950			134,111	80,695		

(a) In addition to this quantity, there are 43 Field Repair Trucks carried over from the Third Protocol.

~~SECRET~~

Franklin D. Roosevelt Library

DECLASSIFIED

DOD DIR. 8200.9 (9/27/88)

Date- JAN 25 1989

Signature: RHP

~~SECRET~~

Item	Protocol Number	Fourth Protocol Offerings	Eighth Months' Schedule	Eighth Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions		
					%	Shortage	Overage	%	Total Offerings	Availability 28 Feb. 1945	Quantity	Tonnage
<u>Trucks (Cont'd)</u>												
Truck, 2½ Ton 6x4	II 3B3	30,000	19,649	16,434	16.4	3,215			153,525	84,101		
Truck, 2½ Ton 6x6	II 3B3	43,560	27,291	28,553			1,262	4.6	227,971	149,432	46	241
Truck, 2½ Ton 6x6 Amphibian	II 3B4	800	800	800			-	-	7,940	7,940		
<u>Truck, 5 Ton & Over</u>												
6 or 7½ Ton Prime Mover	II 30	56	18	14					742	186		
10 Ton 6x4 (Mack)		700	234	1,132(b)					8,895	14,384		
5-6 Ton 4x4 Cargo		<u>100</u> 856	<u>34</u> 286	<u>30</u> 1,176			890	311.1	<u>711</u> 10,348	<u>321</u> 14,891		
<u>Trucks, Special Purpose</u>												
4 or 5 Ton Dump	II 3D	1,600	746	714					18,360	8,228	8	92
Snow-plows, rotary type, gasoline engine driven on 6 ton 6x6 truck mounting		100	100	55					1,393	593		
		<u>1,700</u>	<u>846</u>	<u>769</u>	9.1	77			<u>19,753</u>	<u>8,821</u>		
<u>Truck-Tractors w/Trailers</u>												
2½ Ton 6x4 Tractor w/7 ton Semi-trailer	II 3I	1,200	666	494	25.8	172			9,762	4,144		
20 Ton 6x4 Tractor w/ Fruehauf E-58 Semi-Trailer w/Gar wood side dump bodies		50	33	-					899	-	38	417

(b) 792 Trucks, Cargo, Mack, 10 ton, Diesel (New and used) have been transferred to the U.S.S.R. by elimination of the Motor Transport Service of the Persian Gulf Command and are chargeable against the Protocol.

~~SECRET~~

Franklin D. Roosevelt Library
DECLASSIFIED
 070 DTR 5200.9 (9/27/08)
 Date- JAN 25 1972
 Signature- RHP

~~SECRET~~

Item	Protocol Number	Fourth Protocol Offerings	Eighth Months' Schedule	Eighth Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions	
					% Shortage	Overage	%	Total Offerings	Availability 28 Feb. 1945	Quantity	Tonnage
<u>Truck-Tractors (Cont'd)</u>											
20 Ton 6x4 Tractor w/Truhaft T-88 Semi-Trailers w/Gar wood and dump bodies		25	16	-	-	-		449	-		
Motorcycles	II 4A1	12,000	8,647	7,305	15.5	1,342		3,696	2,100		
Engines for Tractors GMC 4/71	II 4B3	2,000	966	700	27.5	266		2,746	204		
<u>Artillery</u>											
A.A. Guns, 90mm	II 5A1	56	56	124(e)		68	121.4	887	1,665	40	543
Ammunition (Tons)	II 5H	31,631(d)	21,088	21,206		118	.5	31,631	21,206	435	435
Howitzer, 240mm Mk I on Carriage M1	II 5K	2	-	-		-		25	-		
Gun, 8" M1 on Carriage M2	II 5L	2	-	-		-		70	-		
Replenishment Spares for Ordnance Materiel (Tons)		20,000(e)	13,336	15,443		2,107	15.7	20,000	15,443		
<u>Explosives (Tons)</u>											
Smokeless Powder	II 6A1										
3" Guns		20,000	16,666	9,419				24,000	11,303		
90mm Guns		-	-	-				-	-	4,198	5,038
.30 Cal. Rifle		9,000	6,000	2,739				10,800	3,287	1,099	1,319
		29,000	22,666	12,158	46.3	10,508		34,800	14,590		

- (e) The Russians have stated that 56 is the total requirement for Fourth Protocol period, the difference is to be repossessed.
- (d) Revised.
- (e) Estimated tonnage of replenishment spare parts for Ordnance materiel to be furnished during Protocol period.

~~SECRET~~

Franklin D. Roosevelt Library

DECLASSIFIED

DOD DIR. 5200.9 (9/27/88)

Date- JAN 25 1992

Signature- RAO

~~SECRET~~

Item	Protocol Number	Fourth Protocol Offerings	Eighth Months' Schedule	Eighth Months' Availability	Performance by Units		Tonnage (Short Tons)		Repossessions	
					% Shortage	Overage %	Total Offerings	Availability 28 Feb. 1945	Quantity	Tonnage
T. N. T.	II 6B	60,000	40,000	29,500	26.2	10,500	68,400	33,630		
Dynamite (Incl. Ammonite)	II 6C	12,211(f)	7,940	15,954(f)		8,014 100.9	14,043	18,347	340	391
Detonators, Blasting Supplies, etc.	II 6F									
Blasting Fuse (1000')		62,630	62,630	58,619	6.4	4,011	733	697		
Cord, Detonating (1000')		6,415	6,415	2,665	58.4	3,750	64	27		
Blasting Caps		20,000,000	20,000,000	14,710,500	26.4	5,289,500	800	739		

SIGNAL

Item	Protocol Number	Fourth Protocol Offerings	Eighth Months' Schedule	Eighth Months' Availability	% Shortage	Overage %	Total Offerings	Availability 28 Feb. 1945	Quantity	Tonnage
<u>Radio Stations Over 1 KW</u>	II 7A2									
50 KW Shortwave Station		4	2	1(g)			500	93		
15 KW Shortwave Station		30	16	-(g)			3,261	1,385		
7.5 KW Shortwave Station		25(h)	8	1(g)			2,250	98		
3 KW Radio Station		109(h)	63	-(g)			10,224	2,282		
		168	89	2	97.7	87	16,235	3,858		
<u>Radio Station 1 KW & Under</u>	II 7B2									
SCR-399		1,000	734	940(i)			6,000	5,563		
SCR-284		4,000	4,000	4,000(j)			856	856		
SCR-274N		3,300	1,966	2,400			825	226	100	9
SCR-177B		250(h)	184	177			296	209		
Pilot V-100B		3,600	1,600	3,000			495	495		
		12,150	8,484	10,517		2,033 23.9	8,472	7,278		

- (f) In addition, approximately 3,000 tons will be delivered by the War Department in excess of original offering, due in part to additional U.S.S.R. request, and in part to the delivery of further quantities carried over from Third Protocol period.
- (g) Tonnage being reported but complete units not yet available.
- (h) Revised by Annex #3 to Protocol.
- (i) 100 were delivered in June 1944 against the Fourth Protocol.
- (j) 500 were delivered in June 1944 against the Fourth Protocol.

~~SECRET~~

Franklin D. Roosevelt Library

DECLASSIFIED

DOB DIR. 5200.9 (9/27/58)

Date- JAN 25 1972

Signature- RAA

Item	Protocol Number	Fourth Protocol Offerings	Eighth Months' Schedule	Eighth Months' Availability	Performance by Units		Tonnage (Short Tons)		Repossessions	
					% Shortage	% Overage	Total Offerings	Availability 28 Feb. 1945	Quantity	Tonnage
<u>Radio Receivers</u>										
	II 702									
RCA DR-89		400	158	135			288	76		
National HRO		1,200	400	1,200			95	95		
Federal 128-A		500	166	284			25	18		
SP-210X or SCR-244		500	166	10			25	-		
		<u>2,600</u>	<u>890</u>	<u>1,629</u>		739	83.0	<u>433</u>	<u>189</u>	
<u>Radio Locators, Ground</u>										
	II 7D2									
AN/TFS-3		98	98	98			168	168		
SCR-271-DA		4	4	4			92	92		
SCR-527		21	21	21			956	956		
SCR-627		13	13	13			427	427		
AN-TTQ-1		15	15	15			49	49		
SCR-545		40	40	40			1,534	1,534		
		<u>191</u>	<u>191</u>	<u>191</u>	-	-	<u>3,226</u>	<u>3,226</u>		
<u>Radio Director Finders</u>										
	II 7E									
SCR-551 w/Power Supply		237	237	257(k)	20	8.4	853	954	12	43
SCR-169										
<u>Radio Altimeters</u>										
	II 7F									
SCR-718		50	50	50	-	-	2	2		
<u>Radio Beacons</u>										
	II 7G									
MRLE		10	3	-	-	-	190	-		
Radio Tubes	II 7H	5,000,000	3,333,334	4,535,951	1,202,617	36.0	710	645		
Radio Component Parts and Accessories and Radio Measuring and Testing Equipment	II 7I AJ	\$3,438,000	\$1,812,666	\$2,619,534	\$806,868	44.1	1,031			

(k) 40 were delivered in June 1944 against the Fourth Protocol.

Franklin D. Roosevelt Library
 81 DECLASSIFIED
 DOD DIR. 5200.9 (9/27/88)
 Date- JAN 25 1972
 Signature- RAO

~~SECRET~~

Item	Protocol Number	Fourth Protocol Offerings	Eighth Months' Schedule	Eighth Months' Availability	Performance by Units		Tonnage (Short Tons)		Repossessions	
					% Shortage	% Overage	Total Offerings	Availability 28 Feb. 1945	Quantity	Tonnage
<u>Radio Compasses</u>	II 7K									
ML-26C		1,000	1,000	600			60	36		
SCR-269G (AN/APN-7)		200	200	200			22	22		
		1,200	1,200	800	33.3	400	82	58		
<u>Generator Sets, Military</u>	V 13B1									
Field Battery Charging Station 5 KW		600(1)	200	300			540	284		
Field Battery Charging Station 1 1/2 KW		2,000	1,000	58			800	347	51	4
		2,500	1,200	358	70.1	842	1,340	631		
<u>Teletype Apparatus</u>	V 58B									
Teletypewriter Model 15		550	184	-			187	-		
Teletypewriter Model 19		300	100	-(a)			109	271		
Telegraph Printer Set EE-97		400	257	400			158	158		
Wheatstone Perforators		254	84	173			32	19		
Boehme High Speed Keying Equipment and Ink Recorder		100	34	40			17	9		
		1,604	659	613	6.9	46	503	457		
Field Telephone EE-8 Soviet Type	V 58C1	100,000	53,334	74,727		21,393	40.1	1,200	943	
Other Telephone and Telegraph Equipment	V 58C2									
Telephone Central Office Set TC-4		300	200	180	10.0	20	150	70		
3-Channel Telephone Carrier Package "C" w/Power Units PE-95		20	6	-			90			

(a) Tonnage being reported but complete units not yet available.

~~SECRET~~

Franklin D. Roosevelt Library
- DECLASSIFIED
DDO DIR. 5200.9 (9/27/68)

Date- JAN 25 WFE

Signature- RHP

~~SECRET~~

Item	Protocol Number	Fourth Protocol Offerings	Eighth Months' Schedule	Eighth Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossession	
					% Shortage	Overage	%	Total Offerings	Availability 28 Feb. 1945	Quantity	Tonnage
Field Telephone Wire WS 1/TS (Miles)	VI 6A3	186,000	124,000	139,729		15,729	12.6	12,630	5,889		
<u>ENGINEERS</u>											
Airplane Landing Mat (Sq. Ft.)	I 6B	41,000,000	27,333,328	19,583,700	28.3	7,749,628		102,225	48,474		
Truck, Special Purpose Truck, Fire, Class 135	II 3D		4(n)	4		-	-	22	22		
Tractors (Artillery Prime Mover)	II 4B1										
Class II (Heavy)		720	480	517				8,523	9,361		
Class III (Medium)		1,680	1,120	1,299				13,754	22,508		
		2,400	1,600	1,816		216	13.5	22,277	31,869		
Road and Airport Con- struction Equipment	II 8A										
Road rollers, gasoline engine driven, tandem 2-wheel, 5-8 ton		200	66	30				1,506	303		
Road rollers, gasoline engine driven, 3-wheel, 10 ton		130	44	108				1,450	1,278		
Road rollers, 3 1/2-5 ton and/or 5-8 ton		100	66	4				800			

(n) Revised.

~~SECRET~~

Franklin D. Roosevelt Library
 DECLASSIFIED
 DD FORM 5200.8 (2/27/68)
 Date- JAN 25 1988
 Signature- *PAH*

~~SECRET~~

Item	Protocol Number	Fourth Protocol Offerings	Eighth Months' Schedule	Eighth Months' Availability	Performance by Units		Tonnage (Short Tons)		Repossessions	
					% Shortage	% Overage	Total Offerings	Availability 28 Feb. 1945	Quantity	Tonnage
<u>Road and Airport Construction Equipment (Cont'd)</u>										
Road rollers, gasoline, steam or diesel, 10 ton or over, new or reconditioned, tandem 2 or 3 wheel		60	40	-			720	-		
Road graders, motorized (Moldboard 12') gasoline or diesel		300	100	206			4,220	3,208		
Flow, snow "V" type w/o truck		<u>200</u> 990	<u>166</u> 482	<u>200</u> 548	66	13.6	<u>530</u> 9,226	<u>530</u> 5,350		
<u>Tractor Mounted Construction Equipment</u>										
Tractor, Class II, w/Dozer	II 8B	200	83	138	55	66.2	4,123	2,212		
<u>Mixers and Pavers, Bituminous and Concrete</u>										
Distributor, bituminous material, trailer mounted 1,250 gallon	II 8C	170	94	52			1,743	443		
Heater, asphalt, trailer mounted, 2-car, 28 HP		40	23	60			138	240		
Spreader, aggregate, towed type, traction powered, 8' width w/o truck		100	34	51			107	92		
Asphalt and soil aggregate mixing plant, gas engine, 4 units, 25 TPH		5	5	5			219	219		

~~SECRET~~

Franklin D. Roosevelt Library

DECLASSIFIED

DDO DIR. 5200.9 (9/27/68)

Date- JAN 25 1972

Signature- *[Handwritten Signature]*

Item	Protocol Number	Fourth Protocol Offerings	Eighth Months' Schedule	Eighth Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions	
					% Shortage	Average	%	Total Offerings	Availability 28 Feb. 1945	Quantity	Tonnage
Mixer, asphalt, gasoline engine driven, semi-trailer mounted, w/pneumatic tires, 15-30 TPH, Barber-Green Model 841		33	12	11				454	103		
Finisher, asphalt, crawler mounted, 12' Barber-Green Model 879-A		3	3	3				48	48		
<u>Road Building Plant</u>											
Finisher, asphalt, crawler mounted, 12' Barber-Green Model 879-A		17	6	7				243	104		
Asphalt mixer, diesel engine driven, travel or control plant, trailer mounted, 110-200 TPH		17	6	2				383	47		
Loader, aggregate, bucket crawler mounted, gasoline engine driven, 3 cu. yd., 19' 10" boom		17	6	7				260	66		
		<u>402</u>	<u>189</u>	<u>198</u>		9	4.7	<u>3,595</u>	<u>1,362</u>		
Bridge, Floating, Ponton, 10 ton	II 11X	25	25	25	-	-		1,227	1,227		
<u>Compressors (Air & Gases)</u>	V 2B										
Skid mounted, gasoline engine driven, 500 cfm, 210 cfm and 105 cfm		400	140	333			193	137.8	3,375	1,653	

Franklin D. Roosevelt Library
 DECLASSIFIED
 DOD DIR. 5200.9 (9/27/08)
 Date- JAN 25 1972
 Signature- *W.H.*

~~SECRET~~

Item	Protocol Number	Fourth Protocol Offerings	Eighth Months' Schedule	Eighth Months' Availability	Performance by Units		Tonnage (Short Tons)		Repossessions	
					% Shortage	% Overage	Total Offerings	Availability 28 Feb. 1945	Quantity	Tonnage
Crushing, Pulverizing, Screening and Mixing Machinery and Equipment	V 4									
25 Cu. Yd. trailer mounted rock crushers and screening plant		25	8	25		17 212.5	1,274	1,274		
<u>Generator Sets, Military</u>	V 13B1									
Generating Set, 30 KW		10	4	-	-	-	54	-		
Generating Set, 5 KW		210	210	210	-	-	143	143		
Saw, chain, portable gasoline engine driven 36"	V 25	160	160	160	-	-	33	33		
Well drilling machine, percussion, gas engine driven	V 51	20	20	20	-	-	288	288		
<u>Excavating and Dredging Machinery and Equipment</u>	V 52A									
Crawler Shovels and Cranes										
Class III		232	110	278			6,055	7,330		
Class IV		34	18	33			2,663	1,503		
Class V		24	11	36			1,703	2,586		
Class II, VI, VII, VIII		8	8	8			409	409		
Class XI, XII, XIV		35	35	35			829	829		
Class XI, Mobile		30	16	24			830	703		
Class XII, Mobile		30	16	7			677	166		
		<u>393</u>	<u>214</u>	<u>421</u>		207 96.7	<u>13,166</u>	<u>13,516</u>		

Franklin D. Roosevelt Library
 DECLASSIFIED
 GGD DIR. 5200.9 (8/27/88)
 Date: JAN 25 1972
 Signature: RAP

~~SECRET~~

~~SECRET~~

Item	Protocol Number	Fourth Protocol Offerings	Eighth Months' Schedule	Eighth Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions		
					%	Shortage	Coverage	%	Total Offerings	Availability 28 Feb. 1945	Quantity	Tonnage
Road scrapers, towed type, cable operated, 8 cu. yd., type III, w/o tractor		98	52	88			36	69.2	848	756		
Ditching Machines, Crawler Mounted, Gasoline Engine Driven												
Wheel type, digging depth 5'6", width 23"		10	4	10			6	150.0	105	105		
Ladder type, digging depth 8', width 18" to 24"		10	4	10			6	150.0	287	287		
Hammer, pneumatic or steam piledriver, double acting 5000#		100	40	30	25.0		10		254	92		
Piledriver, gas engine, 40', 2000#		1	1	1			-	-	8	8		
Airconditioning and Refrigeration Equipment												
Iceplant, 1 ton		80	60	55	8.3		5		282	282		
Iceplant, 3.6 ton		95	75	35	53.3		40		1,304	483		
Refrigeration Warehouse prefabricated (1800 cu. ft.)		25	25	25			-	-	282	282		
Refrigerated Semi-trailer		100	66	-			-	-	796	-		

Franklin D. Roosevelt Library

DECLASSIFIED

DDI DIR. 5200.9 (9/27/88)

Date- JAN 25 1972

Signature- RHP

~~SECRET~~

~~SECRET~~

Tab A-1 - 12 of 15

Item	Protocol Number	Fourth Protocol Offerings	Eighth Months' Schedule	Eighth Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions	
					%	Shortage	Overage	%	Total Offerings	Availability 28 Feb. 1945	Quantity
Wire, barbed, steel, black or galvanized, 4.4" spacing 100# coil (tons)	VI 1-31	5,166	5,166	5,166	-	-		5,166	5,166		
Cylinders, gas, empty, oxygen 220-240 cu. ft.	VI 7B	16,164	16,164	16,164	-	-		1,028	1,028		

TRANSPORTATION

Steam Locomotive, Railroad, 60" Gauge	II 9A1										
2-10-0, 105 ton		1,499	1,200	1,014				194,870	133,455		
0-4-0, 50 ton		10	10	10				550	550		
0-6-0, 70 ton		76	38	20				4,637	1,220		
		<u>1,585</u>	<u>1,248</u>	<u>1,044</u>	16.3	204		<u>200,057</u>	<u>135,225</u>		
Diesel-Electric Locomotive, Railroad, 127 ton, 60" Gauge	II 9A3	100	66	70			4	6.0	13,380	9,856	
Flatcars, Railroad 50 M.T., 60" Gauge	II 9B1	12,244	8,910	7,244	18.6	1,666		257,124	166,612		
Dump Cars, Railroad, 20 cu. yd., 60" Gauge	II 9B2	1,130	796	630	20.8	166		25,990	16,065		
Heavy Machinery Cars Railroad, 125-200 ton, 60" Gauge	II 9B4	35	35	35	-	-		1,785	1,785		

Franklin D. Roosevelt Library

DECLASSIFIED

DDO DIR. 5200.2 (9/27/68)

Date- JAN 25 1972

Signature- RHP

~~SECRET~~

Item	Protocol Number	Fourth Protocol Offerings	Eighth Months' Schedule	Eighth Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions	
					%	Shortage	Overage	%	Total Offerings	Availability 28 Feb. 1945	Quantity
Industrial Type Locomotives, Cars & Parts	V 59A										
Steam locomotives, 0-5-0, 27 ton, 750mm Gauge		16	16	-	-	-	432	-			
Dump Cars, 20 ton, 750mm gauge		50	50	50	-	-	700	700			
Flat Cars, 12 ton, 750mm gauge		50	50	50	-	-	329	329			
Cranes, Floating and Portal V 6B Gantry		71	71	66	7.0	5	13,542	11,962			

CHEMICALS (TONS)

Dibutyl Phalate	VI 10B10	1,500	500	976			476 95.2	1,740	1,132	26	30
Ethylene Glycol	VI 10B19	4,000	2,664	3,031			367 13.7	4,400	3,337	4	5
Glycerine	VI 10B22	4,400	2,928	3,757			829 28.3	5,192	4,433	127	150
Hexamine (Urotropine)	VI 10B23	2,000	1,328	360	72.8	968		2,200	396	611	672
Methanol	VI 10B24	9,200(o)	6,128	5,725	6.5	403		10,120	6,550	537	592
Phenol	VI 10B26	12,000	8,000	9,226			1,226 15.3	13,440	10,333		
Toluol	VI 10B32	39,574(p)	26,376	51,628(p)			25,252 95.7	39,574	51,628	313	313

- (o) Offering revised due to change in supplying country. Deliveries will be effected in the United Kingdom in accordance with financial agreement with the United Kingdom and not charged to Protocol offering of the United States.
- (p) The Soviet Protocol Committee has authorized deliveries in excess of the original offering, to the extent possible.

Franklin D. Roosevelt Library
 DECLASSIFIED
 UDD DIV. 5200.8 (2/27/83)
 JAN 25 1992
 Date-

~~SECRET~~

Item	Protocol Number	Fourth Protocol Offerings	Eighth Months' Schedule	Eighth Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions		
					%	Shortage	Overage	%	Total Offerings	Availability 28 Feb, 1945	Quantity	Tonnage
Ethyl Centralite	VI 10H2	350	116	214			98	84.4	466	285		
Vistanex	VI 16A	410	272	406			134	49.2	459	456		
Other Chemicals	-	3,131(q)	3,131	3,131(q)	-	-			3,329	3,329	3,570	3,816
<u>QUARTERMASTER</u>												
Food Rations (Tons)	IV 3	129(r)	129	129					129	129		
Cotton Cloth, Uniform Twill	VI 11A	25,000,000	16,666,664	13,325,866	20.0	3,340,798			7,520	3,684		
Woolen Cloth	VI 11B	17,050,000	10,183,330	12,885,069		2,701,739	26.5		16,191	11,063		
Tarpaulin & Duck	VI 11D	3,000,000	1,333,334	969,220(s)	27.3	364,114			2,833	1,162		
Other Textile Products (Tons)	VI 12B	1,079(s)	1,079	1,079					1,079	1,079		
Leather (Tons)	VI 13	11,963	7,976	8,224			248	3.1	12,561	8,635		
Leather Products (Tons)	VI 14	54	54	54					54	54		
Other Rubber Products (Tons)	VI 17B	263	263	263					263	263		

- (q) This quantity has been made available against a miscellaneous category, only part of which is furnished by the War Department.
- (r) The amount of food rations shown as offered has been reduced. Only that portion which has been shipped is considered as an offering, remainder being cancelled.
- (s) Revised.

~~SECRET~~

Franklin D. Roosevelt Library

DECLASSIFIED

(178) DFK 5200.9 (9/27/88)

Date- JAN 25 1972

Signature- RHP

~~SECRET~~

Item	Protocol Number	Fourth Protocol Offerings	Eighth Months' Schedule	Eighth Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions	
					% Shortage	Overage	%	Total Offerings	Availability 28 Feb. 1945	Quantity	Tonnage
Army Boots	VI 19A	5,000,000	3,466,664	3,968,950		502,286	14.5	14,045	10,768		
Industrial Lift Trucks and Tractors	V 7	951	622	425	31.6	197		4,755	1,231		
<u>MEDICAL</u>											
Medical Supplies (t)	II 10	\$17,050,000	\$11,366,664	\$7,147,972	37.1	\$4,218,692		6,090	2,486		

(t) Procurement approved for the Fourth Protocol totals approximately \$9,500,000, in addition deliveries have been made against the balance of approximately \$6,200,000 which remained undelivered from the Third Protocol list.

Franklin D. Roosevelt Library
DECLASSIFIED

DDI DIR 5200.9 (9/27/66)

Date- JAN 25 1972

Signature- *RAD*

~~SECRET~~

~~SECRET~~

TAB A-2

Items included in the Basket Category, of which the total tonnage by service is given below, is limited to the following:

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

	Tonnage (Short Tons) Offering Availability
Basket Category	100,000
Ordnance Items	4,942(a)
Signal Items	857
Engineer Items	<u>1,138(a)</u>
	6,937
(a) Revision.	

~~SECRET~~

Franklin D. Roosevelt Library

DECLASSIFIED

DDP 5200.0 (1/27/88)

Date- JAN 25 1972

Signature RHP

~~SECRET~~



SUMMARY OF TABULATION "B"

The attached tabulation reflects the status of factory deliveries and export of aircraft on the Fourth Russian Protocol. Forty-five aircraft were not made available at the factory at the end of February out of the total Protocol Commitment to date.

~~SECRET~~

Franklin D. Roosevelt Library

DECLASSIFIED

DRF/ DRN 5200.9 (9/27/81)

Date-

JAN 25 1982

Signature-

~~SECRET~~

STATUS OF AIRCRAFT ON THE FOURTH RUSSIAN PROTOCOL
AS OF 28 FEBRUARY 1945

<u>Type</u>	Protocol Requirement to Date	Available at Factory	Departed from U.S.A.		Still in U.S.A.	Condemned
			By Air North	by Water Persian Gulf		
<u>U. S. Account</u>						
Medium Bombers B-25	330(a)	292	277		15	1
Fighters P-39	177	177	127	50		
P-63	1,473	1,466	1,274		192	7
Transports C-47	<u>170</u>	<u>170</u>	<u>164</u>	—	<u>6</u>	—
Total U. S. Account	<u>2,150</u>	<u>2,105</u>	<u>1,842</u>	<u>50</u>	<u>213</u>	<u>8</u>

(a) Protocol requirements to date are 200 B-25's. Quantity of 330 includes advance assignment of 130 by Munitions Assignments Board out of total Protocol requirement.

Franklin D. Roosevelt Library

DECLASSIFIED

DDI DIR 5200.9 (9/27/88)

Date- JAN 25 1992

Signature- *RAP*

~~SECRET~~

~~SECRET~~

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. Activity through the Persian Gulf Area is gradually being reduced as the deliveries are increased to Black Sea Ports.

~~SECRET~~

Franklin D. Roosevelt Library

DECLASSIFIED

DRS) D/N 2200.0 (9/27/83)

Date- JAN 26 1972

Signature-

RHP

~~SECRET~~

STATUS OF PROJECTS IN PERSIAN GULF AS OF 23 FEBRUARY 1945

	<u>Number Received in Persian Gulf to Date</u>	<u>Number Delivered to U. S. S. R. to Date</u>
Trucks	164,836	161,420
Airplanes		
A-20	1,427	1,427
B-25	124	124
P-40	1,093	1,093
P-39	2,026	2,026
AT-6	21	21
P-47	<u>185</u>	<u>184</u>
Total	<u>4,875</u>	<u>4,875</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 26 January to 23 February 1945.	85,026	0	49,937	0	134,963

~~SECRET~~

Franklin D. Roosevelt Library
DECLASSIFIED

JGD 11/1 5200.0 (P. 17, 18)

Date- JAN 25 1992

Signature- RHP

PSF
B. F.
Lend Lease
ADMINISTRATOR

WAR SHIPPING ADMINISTRATION
WASHINGTON

March 11, 1945

file

7 3/29

MEMORANDUM FOR THE PRESIDENT

I

Clearance of cargo for the U.S.S.R. rose in February to 450,453 long tons, or 106 per cent of the monthly target, from the 406,116 long tons reported for January. Liftings were, however, considerably less than expected because of the early blocking of the Far East route by ice. The forecast for March shows little improvement, but a sharp expansion in sailings is expected in April, primarily as a result of the heavy new Black Sea program.

In February, 1944, shipments were 353,837 long tons.

The position was as follows on February 28, 1945 (long tons).

	February 1945	July- February	March Forecast	April Forecast
<u>Murmansk and White Sea</u>				
Dry cargo ships ex U.S.A.	121,626	1,048,408	120,000	145,800
Dry cargo ships ex U.K./U.S.acct.	11,848	37,674	5,000	2,000
Tankers ex U.S.A.	19,586	174,413	21,000	21,000
Tankers ex U.K./U.S.acct.	0	7,144	0	0
Total	153,060	1,267,639	146,000	168,800
<u>Black Sea</u>				
Dry cargo ships ex U.S.A.	75,317	124,929	111,300	166,000
Tankers ex U.S.A.	35,781	46,697	55,000	44,000
Total	111,098	171,626	166,300	210,000
<u>Persian Gulf</u>				
Dry cargo ships ex U.S.A.	4,497	609,339	6,500	3,000
<u>Soviet Far East and Arctic</u>				
Dry cargo ships ex U.S.A.	144,614	1,543,762	116,800	75,000
Dry cargo ships ex Canada	0	210,004	14,600	25,000
Tankers ex U.S.A.	37,184	496,832	10,000	37,000
Total	181,798	2,250,598	141,400	137,000
GRAND TOTAL	450,453	4,299,202	460,200	518,000
Per cent of target ^{1/}	106	127	109	122

^{1/} Target tonnage used does not include the Special Pacific Program, the precise size of which is uncertain. Cargo for the account of this program is however included in the liftings.

x220
x4193

It is worth noting that as of February 28 4,299,202 long tons of cargo had been shipped, which figure is equal to 84 per cent of the basic Protocol target of 5,700,000 short tons or 5,100,000 long tons. There is no question but that our shipping commitments to the U.S.S.R. can be met by a substantial margin.

II

Sailings to Murmansk were almost exactly as forecast in our last report. The February figure of 153,060 long tons was composed as follows (Exhibit A).

	Ships
Three HX convoy groups intended for JW-65	16
Dry cargo ships loaded in U.K. for JW-64 (canned meat)	2
Tankers intended for JW-65	<u>2</u>
Total	20

The March forecast is approximately the same (Exhibit B). All of the ships have gone on berth.

	Ships
Two HX convoy groups intended for JW-66	16
Dry cargo ship loading in U.K. for JW-65 (canned meat)	1
Tankers intended for JW-66	<u>2</u>
Total	19

For April W.S.A. has allocated 18 liberty ships and two tankers to sail in JW-67.

Congestion has been particularly acute in recent months at New York as a result of the large number of ships in the port, ice in the harbor, and heavy snows. Considerable difficulty was encountered in loading all ships, and in particular the North Russia ships because of their complicated cargoes. A postponement of JW-65 by about five days therefore became necessary and was obtained. Difficulties are being encountered also in loading JW-66. Measures are being taken which it is hoped will improve the delivery of cargo to shipside.

Convoy JW-64 sailed from Loch Ewe on February 3. Its 28 vessels were summarized in our report for January. Although attacked en route all American and British merchant vessels arrived safely at Kola Inlet on February 13. Of the 19 W.S.A. dry cargo ships 11 were routed to the White Sea, where ice conditions are favorable and homeward cargoes, especially lumber, are available in larger quantity than at Murmansk. Vessels are now using Bakharitsa up the North Dvina, and there is said to be no doubt that the White Sea will be freely open all winter. The lend-lease icebreaker Severn Veter, ex Northwind, which was transferred from the Pacific, is of great assistance. This is the second successive phenomenally mild winter in the White Sea.

Convoy JW-65 was expected to sail about March 9. Its makeup is expected to be as shown in our January report.

The last homeward convoy, RA-64, was heavily attacked by the enemy, and as a result the liberty ships Horace Gray, Thomas Scott, and Henry Bacon, and the Norwegian tanker Norfjell were torpedoed. The Scott and Bacon sank, and the other two, though beached, are probably total losses. This is the first successful attack on a northern convoy since that on RA-60 on September 29, 1944.

III

Black Sea operations are developing rapidly. The first group of four liberties out of UGS-70 arrived at Odessa on February 20, 28 days from Hampton Roads. One other liberty from the same convoy arrived on the 28th, and a ship from UGS-72 on March 1. Twelve other liberties are expected to arrive in March. Of the tankers the Empire Collins, with an

alkylate cargo, reached Constanza in late February, and the U.S. tanker Northern Sun arrived at Odessa on March 1.

Discharge of liberty ships has been slow, as was expected at first. The first four vessels were on discharging berth 17 days, and had an average daily discharge rate of 458 tons each. It has been pointed out to the Soviets that performance must be improved if they are to be able to handle the heavy programs which will arrive beginning in April at the eight deep-water berths of Odessa.

Departures from the United States in February consisted of nine liberty ships and three tankers carrying a total of 111,098 long tons (Exhibit C). There was at least one ship in each UGS convoy.

March departures will probably comprise 10 liberties from Philadelphia, two fast ships from the Gulf, one fast ship from Havana, and five tankers, carrying a total of 245,000 long tons of cargo. (Exhibit D)

In April sailings are expected to increase to seven liberties, 10 Victories or C2's from the Gulf, two Victories from Havana, and four tankers, making a total lift of 210,000 long tons.

As a result of the two reductions in the Special Pacific Program to be mentioned in part V, and of the Soviet's request for additional aid, W.S.A. has agreed to provide 48 extra sailings to the Black Sea by June 30 over and above the standard allocation. The Black Sea allocation (to be distinguished from sailings) is 18 ships for March, and 17 ships for April.

It would be difficult because of congestion to load these additional vessels at New York and Philadelphia, and W.S.A. has therefore commenced operations from the less-crowded ports of Mobile and New Orleans, using

fast Victory ships and C2 ships which are expected to make Odessa in 19 days. These ships will return direct to the Gulf. Excellent terminal facilities are available, particularly at Mobile. Considering the war time traffic problems it is believed that this plan provides a more efficient use of ships and ports.

IV

Persian Gulf sailings dropped to a new low level of 4,497 long tons, all part cargoes (Exhibit E). This decline was expected. Since commercial and army sailings will fall off still more, a further decrease may be expected.

Bandar Shapur has been closed. Arrivals in the Persian Gulf of full Soviet Aid ships will come to an end in early March.

V

The route to the Soviet Far East was interrupted at the end of January by heavy ice in the Strait of La Perouse and the Okhotsk Sea. A substantial number of westbound vessels consequently have been held up. Some of these will discharge at Petropavlovsk. Many other vessels caught in the December and January congestion at Vladivostok were prevented from moving eastward. Five, after great difficulty, finally got into clear water in late February.

Sailings in February consisted of 25 dry cargo ships and four tankers carrying together 181,798 long tons (Exhibit F). Of these vessels, 18 ships carrying 140,979 long tons were lend-lease ships - a high proportion. Ships counting against the special program numbered eight vessels carrying 47,183 long tons.

It is interesting to note that sailings in February, 1944 amounted to but 19 ships carrying 100,021 long tons.

The most notable change was the reduction of the Special Pacific Program of deliveries of vessels from a theoretical total of 35 ships to 52 ships on February 15, and to 37 ships on March 1. The reasons for the reductions were the serious port congestion at Vladivostok in December and January, the heavy ice in La Perouse and the Okhotsk Sea, which threatened to immobilize the new deliveries for several months, and unexpected difficulties encountered in procuring the desired cargo on schedule. The sailings thus cancelled W.S.A. has agreed to make up on the Atlantic routes, chiefly the Black Sea, by the end of the Protocol year. In addition, to the extent that the special cargo is available, the Soviets may make second voyages with vessels transferred under the special program. W.S.A. believes that this arrangement provides for a better balance of load on Soviet ports and railways, for a more efficient use of shipping, and for increased deliveries to Russia.

The additional program of deliveries is now largely complete. The total now stands at 38, the extra ship being offered as a substitute for the old lend-lease ship Fabrizius, ex Steel Exporter, which is being replaced because of serious engine trouble. The position of the ships is as follows as of March 10 (See Exhibit G).

	Ships
Sailed from West Coast in December	2
Sailed from West Coast in January	9
Sailed from West Coast in February	8
To sail from West Coast in March	10
To sail from West Coast in April	8
To sail from West Coast in May	<u>1</u>
Total	38

7.

Only two ships remain to be delivered and loaded on the West Coast.

One ship remains to be loaded on the East Coast.

Respectfully submitted,

E. S. Land
E. S. Land
Administrator x4772

(Exhibit A)

MURMANSK AND WHITE SEA SAILINGS - FEBRUARY, 1945

W.S.A. Dry Cargo Ships ex U.S.A. Intended for JW-65

<u>Ship</u>	<u>D.W.T.</u>	<u>Cubic</u>	<u>Long Tons of U.S.S.R. Cargo</u>	<u>Sailed on</u>	<u>From</u>
<u>Departures in HX-337</u>					
1. James M. Gillis	10,500	500,245	7,498	2/7	N.Y.
2. Lawrence J. Brengle	10,500	500,245	7,728	2/7	N.Y.
3. Leo J. Duster	10,500	500,245	7,646	2/7	N.Y.
4. Grace Abbott	10,500	500,245	7,654	2/7	N.Y.
<u>Departures in HX-338</u>					
5. William Wheelwright	10,500	500,245	7,447	2/12	N.Y.
6. Winfred L. Smith	10,500	500,245	7,657	2/12	N.Y.
7. Thomas Donaldson	10,500	500,245	7,692	2/12	N.Y.
<u>Departures in HX-339</u>					
8. Stage Door Canteen	10,500	500,245	7,567	2/18	N.Y.
9. Benjamin Schlesinger	10,500	500,245	7,779	2/18	N.Y.
10. Eleazar Lord	10,500	500,245	7,654	2/18	N.Y.
11. Eloy Alfaro	10,500	500,245	7,564	2/18	N.Y.
12. Nicholas Biddle	10,500	500,245	7,552	2/18	N.Y.
13. John McDonough	10,500	500,245	7,444	2/18	N.Y.
14. Horace Bushnell	10,500	500,245	7,614	2/18	N.Y.
15. Charles A. McAllister	10,500	500,245	7,657	2/18	N.Y.
16. William Pepper	10,500	500,245	7,473	2/18	N.Y.
Total	168,000	8,003,920	121,626		

W.S.A. Dry Cargo Ships ex U.K. Intended for JW-64

17. Harold Winslow	10,500	500,245	3,083	Ca	2/1	Birkenhead
18. Joyce Kilmer	10,500	500,245	4,469	Ca	2/1	Manchester
Add part cargo on B.M.W.T. ships			4,296			
Total	21,000	1,000,490	11,848			
TOTAL, DRY CARGO	189,000	9,004,410	133,474			

B.M.W.T. Tankers ex U.S.A. Intended for JW-65 on U.S. Lend-Lease Account

19. San Venancio	11,800		9,912 ^{1/2}	2/7	N.Y.
20. Dollabella	11,500		9,674 ^{2/2}	2/12	N.Y.
Total, wet cargo	23,300		19,586		
GRAND TOTAL	212,300	9,004,410	153,060		

1/ Full cargo of alcohol.

2/ Cargo consists of 5,020 long tons of aviation gasoline and 4,654 long tons of alcohol.

(Exhibit B)

EXPECTED SAILINGS TO MURMANSK AND WHITE SEA - MARCH, 1945

W.S.A. Dry Cargo Ships ex U.S.A. Intended for JW-66

<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-343</u>					
1. Joshua Thomas	10,500	500,245	7,500	2/17	N.Y.
2. Albert C. Ritchie	10,500	500,245	7,500	2/15	N.Y.
3. David B. Johnson	10,500	500,245	7,500	2/16	N.Y.
4. William D. Byron	10,500	500,245	7,500	2/17	N.Y.
5. Woodbridge N. Ferris	10,500	500,245	7,500	2/19	N.Y.
6. John Gibbon	10,500	500,245	7,500	2/20	N.Y.
7. William Tyler Page	10,500	500,245	7,500	2/19	N.Y.
<u>To Depart in HX-344</u>					
8. Keith Palmer	10,500	500,245	7,500	2/20	N.Y.
9. Owen Wister	10,500	500,245	7,500	2/21	N.Y.
10. Renald Fernald	10,500	500,245	7,500	2/21	N.Y.
11. Lord Delaware	10,500	500,245	7,500	2/23	N.Y.
12. Cecil N. Bean	10,500	500,245	7,500	2/27	N.Y.
13. Nelson W. Aldrich	10,500	500,245	7,500	2/26	N.Y.
14. Stevenson Taylor	10,500	500,245	7,500	2/26	N.Y.
15. August Belmont	10,500	500,245	7,500	2/27	N.Y.
16. Linn Boyd	10,500	500,245	7,500	2/26	N.Y.

W.S.A. Dry Cargo Ship ex U.K. Intended for JW-65

17. W. R. Grace	<u>10,500</u>	<u>500,245</u>	<u>5,000</u>	2/10	Manchester
Total, dry cargo	178,500	8,504,165	125,000		

B.M.W.T. Tankers on U.S. Lend-Lease Account for JW-66

18. British Respect	12,000		11,000	2/26	Phila.
19. Empire Garrick	<u>11,000</u>		<u>10,000</u>	3/2	Balt.
Total, wet cargo	23,000		21,000		

GRAND TOTAL 201,500 8,504,165 146,000

(Exhibit C)

BLACK SEA SAILINGS AND CARGO - FEBRUARY, 1945

<u>Ship</u>	<u>D.W.T.</u>	<u>Cubic</u>	<u>Long Tons of U.S.S.P. Cargo</u>	<u>Sailed on</u>	<u>From</u>
<u>Dry Cargo</u>					
<u>Departure in UGS-73</u>					
1. Vadso (Nor.)	10,500	500,245	8,147	2/3	Phila.
<u>Departure in UGS-74</u>					
2. Brand Whitlock	10,500	500,245	8,020	2/10	Phila.
<u>Departures in UGS-75</u>					
3. Meyer Lissner	10,500	500,245	9,046 ^{1/}	2/4	Havana
4. Thomas Pinckney	10,500	500,245	8,018	2/17	Phila.
5. James DeWolf	10,500	500,245	8,046	2/14	Phila.
<u>Departures in UGS-76</u>					
6. John F. Steffen	10,500	500,245	8,503	2/17	Phila.
7. Elbridge Gerry	10,500	500,245	8,787 ^{2/}	2/14	Havana
<u>Departures in UGS-77</u>					
8. Louis Joliet	10,500	500,245	8,483	2/25	Phila.
9. George L. Baker	<u>10,500</u>	<u>500,245</u>	<u>8,267</u>	2/22	Phila.
Total, dry cargo	94,500	4,502,205	75,317		
<u>Tanker Cargo</u>					
<u>Departure in UGS-72</u>					
10. Northern Sun (alkylate)	14,677		11,385	2/1	Phila.
<u>Departure in UGS-75</u>					
11. Empire Cavalier (Br.) (Av. gas)	14,500		12,544	2/16	N.Y.
<u>Departure in UGS-77</u>					
12. Esso Concord (Av. gas)	<u>13,080</u>		<u>11,852</u>	2/26	N.Y.
Total, wet cargo	42,257		35,781		
GRAND TOTAL	136,757	4,502,205	111,098		

^{1/} Loaded 8,123 long tons of sugar at Havana and 923 long tons of deck cargo at Norfolk.

^{2/} Loaded 8,101 long tons of sugar at Havana and 686 long tons of deck cargo at Norfolk.

(Exhibit D)

EXPECTED SAILINGS TO BLACK SEA - MARCH, 1945

Dry Cargo Ships

<u>Ship</u>	<u>UGS</u> <u>Convoy</u>	<u>D.W.T.</u>	<u>Cubic</u>	<u>Est. Long Tons</u> <u>of Cargo</u>	<u>Prese-</u> <u>ntation</u> <u>Date</u>	<u>At</u>
1. Jacob Chandler Harper	78	10,500	500,245	8,500	2/9	Phila.
2. Philip Doddridge	78	10,500	500,245	8,500	2/18	Havana
3. Stephen T. Mather	78	10,500	500,245	8,500	2/17	Phila.
4. Reinhold Richter	80	10,500	500,245	8,500	2/26	Phila.
5. Jesse Cottrell	81	10,500	500,245	8,500	3/4	Phila.
6. Chief Osceola	81	10,500	500,245	8,500	3/3	Phila.
7. David S. Terry	82	10,500	500,245	8,500	3/9	Phila.
8. R. S. Wilson	82	10,500	500,245	8,500	3/9	Phila.
9. Stephen Crane	83	10,500	500,245	8,500	3/14	Phila.
10. Harry Leon Wilson	83	10,500	500,245	8,500	3/12	Phila.
11. Costa Rica Victory	Ind.	10,942	543,000	8,800	3/13	Havana
12. Pittston Victory	Ind.	10,942	453,000	9,000	3/17	N.Orleans
13. Madaket	Ind.	10,775	543,000	8,500	3/15	Mobile
Total, dry cargo		137,659	6,541,450	111,300		

Tankers on U.S. Lend-Lease Account

14. Donacella (Br.)	78	11,800		10,500	3/3	N.Y.
15. Gulfport	80	12,800		11,500	3/9	Phila.
16. British Harmony (Br.)	80	11,500		10,500	3/10	N.Y.
17. Britannia (Nor.)	82	14,250		12,000	3/20	Phila.
18. A tanker	--	11,500		10,500	--	--
Total, wet cargo		61,850		55,000		
GRAND TOTAL		199,509	6,541,450	166,300		

(Exhibit E)

PERSIAN GULF SAILINGS - FEBRUARY, 1945

<u>Ship</u>	<u>D.W.T.</u>	<u>Cubic</u>	<u>Long Tons of Cargo</u>			<u>Sailed on</u>	<u>From</u>
			<u>U.S.S.R.</u>	<u>Projects</u>	<u>P.G.S.C.</u>		
<u>Departure in UGS-74</u>							
1. Ethan A. Hitchcock	10,500	500,245	855 ^{1/}			2/11	N.Y.
<u>Departures in UGS-75</u>							
2. Matthew B. Brady	10,500	500,245	3,642	3,383		2/16	Phila.
3. Tulsa	8,196	303,000		5,350		2/13	Phila.
4. Miki	<u>10,500</u>	<u>500,245</u>			<u>7,789</u>	2/13	Charleston
TOTAL	39,696	1,803,735	4,497	8,733	7,789		

- 1/ Part cargo on a W.S.A. ship allocated to British-Aid program.
2/ W.S.A.-controlled Greek Liberty ship.

(Exhibit F)

SAILINGS AND CARGO FOR THE SOVIET FAR EAST - FEBRUARY, 1945

<u>Ship</u>	<u>Dry Cargo Ships</u> <u>Ex U.S. Ship</u>	<u>D.W.T.</u>	<u>Long Tons</u> <u>of Cargo</u>	<u>Date</u> <u>Sailed</u>
<u>From Columbia River</u>				
1. Kolkhoznik	Charles Wilkes	10,791	8,752	2/9
2. Zyrianin	Dakotan	10,175	7,320	2/9
3. Eskimos		4,950	3,126	2/10
4. Alexander Nevski	H. M. Corbett	10,791	8,809	2/13
5. Mossovet		4,200	3,017	2/13
6. Ismail*	Vermont	8,527	6,220	2/17
7. Belorussia*	Liloa	8,800	6,623	2/17
8. Maxim Gorki		6,320	4,315	2/18
9. Tovarich Krassin		4,000	2,398	2/22
10. Klara Zetkin		5,920	4,228	2/25
11. Shaturstroï		7,715	4,974	2/26
12. Argun	West Modus	8,667	6,320	2/27
13. Kamenets Podolsk II	Robert S. Abbott	10,791	8,700	2/27
14. Irkutsk*	Texmar	8,500	6,296	2/28
15. Lvov*	Maine	8,564	6,351	2/28
16. Mikhail Lomonosov*	Gen. W. C. Gorgas	6,800	1,173	2/28
Total		125,511	88,622	
<u>From Puget Sound</u>				
17. Uralmash		4,200	2,833	2/5
18. Krasnoe Znamia		4,000	2,678	2/14
19. General Vatutin	Jay Cooke	10,791	8,890	2/18
20. Rodina II	Henry J. Waters	10,791	9,138	2/21
21. Transbalt		13,100	9,761	2/28
22. Arcos		3,000	2,172	2/28
Total		45,882	35,472	
<u>From San Francisco</u>				
23. Riga*	Exilona	7,825	5,395	2/18
24. Kavkaz*	Windrush	8,310	7,005	2/23
25. Novosibirsk*	Lafayette	10,405	8,120	2/28
Total		26,540	20,520	
Total, dry cargo		197,933	144,614	

(Exhibit F continued)

SAILINGS AND CARGO FOR THE SOVIET FAR EAST - FEBRUARY, 1945

<u>Ship</u>	<u>Ex U.S. Ship</u>	<u>D.W.T.</u>	<u>Long Tons of Cargo</u>	<u>Date Sailed</u>
<u>Tankers</u>				
<u>From Los Angeles</u>				
26. Emba II	Shawnee Trail	16,765	13,854	2/17
27. Krasnaia Armiya	Pioneer Valley	<u>16,765</u>	<u>13,815</u>	2/18
Total		<u>33,530</u>	<u>27,669</u>	
<u>From Puget Sound</u>				
28. Krasnoarmeets	Tanker No. 3	2,000	1,317	2/4
<u>From San Francisco</u>				
29. Maikop	Thos. H. Gallaudet	<u>10,500</u>	<u>8,198</u>	2/6
Total, wet cargo		<u>46,030</u>	<u>37,184</u>	
GRAND TOTAL, ALL SHIPS		243,963	181,798	

* New program of deliveries.

Note: There were no sailings reported from Vancouver, B. C. during February.

(Exhibit G)

PROGRAM OF ADDITIONAL TRANSFERS TO U.S.S.R.

Sailings from West Coast

<u>U.S. Ship</u>	<u>U.S.S.R. Ship</u>	<u>D.W.T.</u>	<u>Sailing Date</u>
<u>In December</u>			
1. West Cressey	Tallinn	8,500	12/25
2. Otsego	Ural	3,000	12/31
<u>In January</u>			
3. West Celeron	Vostok	8,782	1/15
4. Steel Trader	Kuzma Minin	9,370	1/16
5. Hamakua	Kuibyshev	9,430	1/19
6. Jane Christenson	Kharkov	8,616	1/25
7. Columbian	Kapitan Smirnov	8,625	1/27
8. Pacific Oak	Taras Shevchenko	8,570	1/30
9. Kohala	Pter Tchaikovsky	8,120	1/30
10. Flomar	Uzbekistan	8,640	1/31
11. Texas	Kapitan Vislobokov	8,625	1/31
<u>In February</u>			
12. Vermont	Ismail	8,527	2/17
13. Liloa	Belorussia	8,800	2/17
14. Edilona	Riga	7,825	2/18
15. Windrush	Kavkaz	8,310	2/23
16. Lafayette	Novosibirsk	10,405	2/28
17. Texmar	Irkutsk	8,500	2/28
18. Maine	Lvov	8,564	2/28
19. Gen. W. C. Gorgas	Mikhail Lomonosov	6,800	2/28
<u>In March</u>			
20. Vermar	Karaganda	8,600	3/3
21. Alcoa Guard	Saratov	7,534	3/3
22. Charles Christenson	Plekhanov	8,550	3/6
23. Herman F. Whiton	Tomsk	8,523	3/14
24. W. R. Keever	Cheliabinsk	8,434	3/15
25. Winona	Akademik Pavlov	9,861	3/15
26. Aquarius	Timiriazev	7,932	3/16
27. Calmar	Samarkand	9,108	3/25
28. Mormacrio	Surikov	8,366	3/30
29. Mormacmar	Belinsky	8,366	3/30

(Exhibit G) continued

PROGRAM OF ADDITIONAL TRANSFERS TO U.S.S.R.

Sailings from West Coast

<u>U.S. Ship</u>	<u>U.S.S.R. Ship</u>	<u>D.W.T.</u>	<u>Sailing Date</u>
<u>In April</u>			
30. Meanticut	Poltavo	9,373	4/5
31. Beauregard	Mendeleev	8,727	4/5
32. Calobre	Borodino	10,240	4/5
33. Dynastic		9,442	4/10
34. American Robin	Perekop	8,170	4/10
35. White Clover	Leo Tolstoy	8,582	4/12
36. Panama City	Novgorod	7,800	4/15
37. Campfire	Magadan	8,890	4/20
<u>In May</u>			
38. Pan Gulf		<u>8,594</u>	5/10
TOTAL		323,101	

PSF
File
L. F.
Lend Lease

FOREIGN ECONOMIC ADMINISTRATION
WASHINGTON 25, D. C.

IN REPLY REFER TO:

MAR 12 1945

MEMORANDUM

To: The President
From: Leo T. Crowley, Administrator *LTC* x5430
Foreign Economic Administration
Subject: Status of the Soviet Aid Program

Attached hereto is your personal copy of the report on the status of the Soviet Aid Program as of January 31, 1945.

This report summarizes operations in the month of January and in the entire period from October 1, 1941 to date.

x220
x4193

MAR 12 1945

MEMORANDUM

To: The President

From: Leo T. Crowley, Administrator
Foreign Economic Administration

Subject: Status of the Soviet Aid Program

Attached hereto is your personal copy of the report on the status of the Soviet Aid Program as of January 31, 1945.

This report summarizes operations in the month of January and in the entire period from October 1, 1941 to date.

~~SECRET~~

Copy 1

STATUS OF THE SOVIET AID PROGRAM
AS OF JANUARY 31, 1945

DECLASSIFIED
State Dept. Letter, 1-14-72
By J. Scheuble Data FEB 2 1972

Prepared for the President's Soviet Protocol Committee
by the Foreign Economic Administration

x 220-8

~~SECRET~~

STATUS OF THE SOVIET AID PROGRAM PERFORMANCE DURING JANUARY

Shipments of supplies to the U.S.S.R. from the Western Hemisphere during January totaled 405,900 long tons -- 119,000 tons to North Russia, 31,500 tons to the Persian Gulf, 60,500 tons to the Black Sea, and 194,900 tons to the Soviet Far East.

January shipments fell to 71 percent of the average monthly rate for the first half of the Protocol year and represented the smallest quantity shipped since April of 1944. To date Fourth Protocol shipments have totaled 3,838,400 long tons.

The Fourth Protocol, which has been forwarded for signature, calls for a minimum shipping commitment by the United States from the Western Hemisphere of 5,089,300 long tons, with a provision for additional shipments under a program requested by the Soviet Government which is now under study.

Cargo shipped during January and in the first seven months of the Protocol period is summarized in the following table:

Type of Cargo	January 1945		July 1944-January 1945	
	Long Tons	Percent of Total	Long Tons	Percent of Total
U. S. SUPPLIES				
R.R. Transportation Equipment	24,400	6	275,800	7
Trucks and Other Vehicles	51,600	13	427,300	11
Metals	79,200	19	811,400	21
Chemicals and Explosives	18,500	4	282,100	7
Petroleum Products *	47,800	12	479,100	13
Machinery and Equipment	41,200	10	347,900	9
Food	81,000	20	763,700	20
Other U.S. Supplies	31,700	8	214,900	6
U. S. TOTAL	375,400	92	3,602,200	94
CANADIAN AND BRITISH SUPPLIES	30,500	8	236,200	6
TOTAL	405,900	100	3,838,400	100

* Does not include clearance through the Persian Corridor of 249,441 long tons of petroleum products supplied during the Fourth Protocol period by U. K. refineries at Abadan for U. S. account and replaced by U. S. to U. K. in other areas.

During January 393 U.S. Army aircraft were flown from Fairbanks, Alaska by Soviet crews. To date 12,839 aircraft have departed from North America for the U.S.S.R. In addition, 114 Navy Flying Boats have departed for the U.S.S.R. from the Navy base at Elizabeth City, N. C. Twelve of these departed in January.

Other important items shipped in January included: 144 medium tanks, 9,151 trucks including 945 jeeps, 785 motorcycles, 248 track-laying tractors, 101 R.R. locomotives, 618 flat cars, 233 marine engines, and machinery and equipment valued at \$30,400,000.

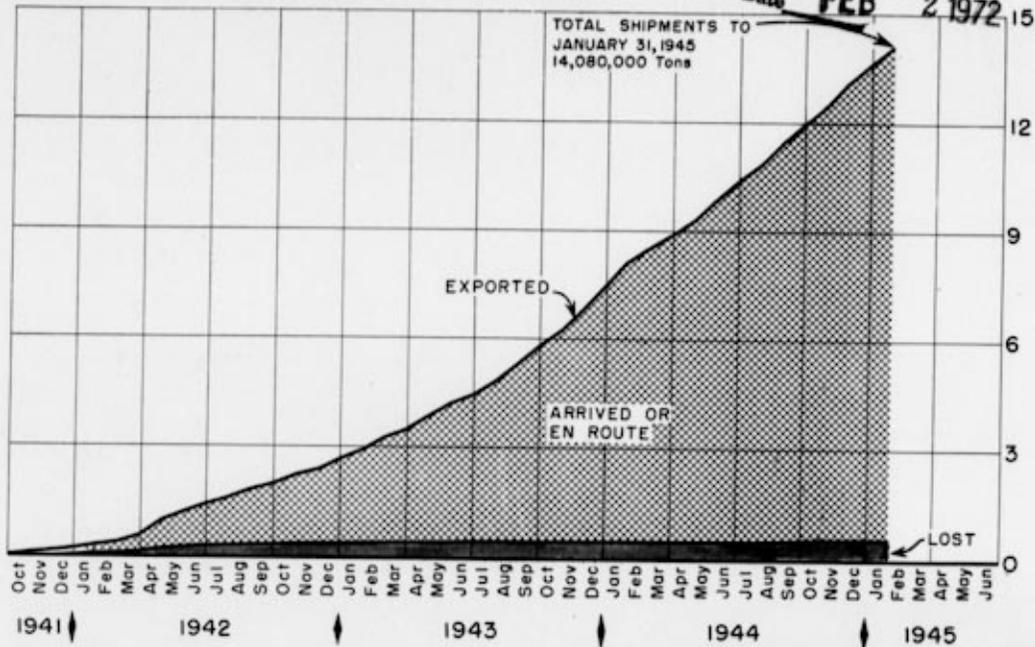
Foreign Economic Administration
March 6, 1945

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

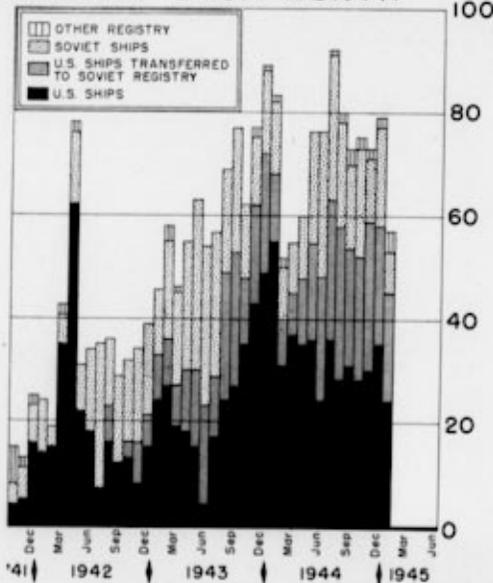
2 1972

SHIPMENTS TO U.S.S.R.
CUMULATIVE - MILLIONS OF LONG TONS

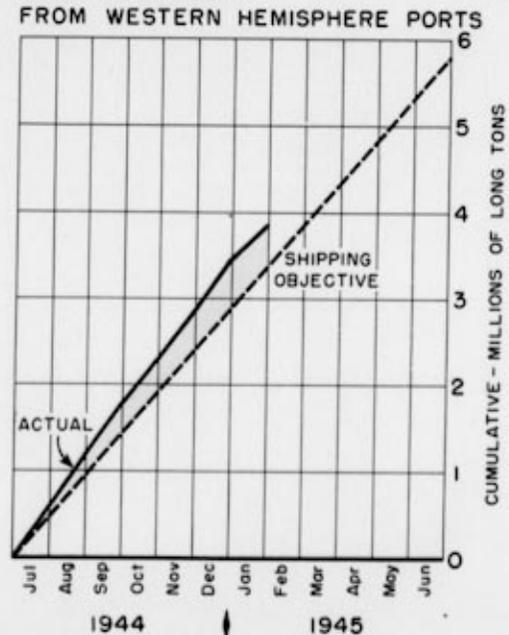
DECLASSIFIED
State Dept. Letter, 1-11-72
By J. Schauble Date FEB 2 1972



NUMBER OF SHIPS SAILING EACH MONTH



FOURTH PROTOCOL CLEARANCES FROM WESTERN HEMISPHERE PORTS



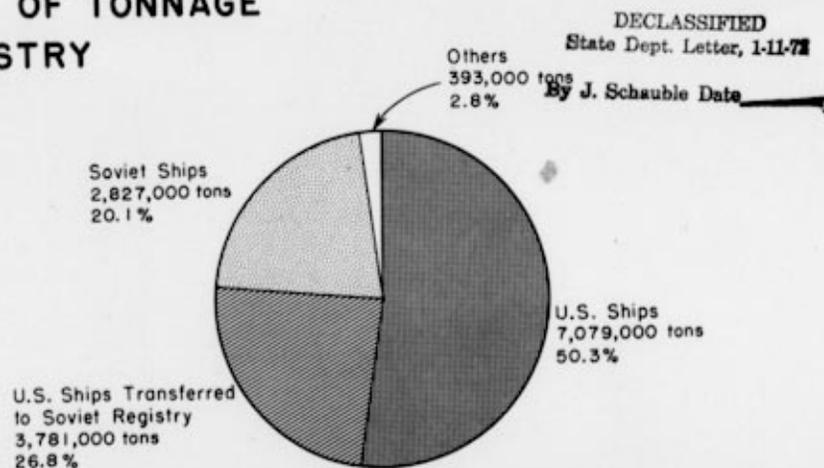
ACTUAL SHIPMENTS VS SHIPPING OBJECTIVE

FOURTH PROTOCOL - CUMULATIVE

MONTH	ACTUAL SHIPMENTS			SHIPPING OBJECTIVE	ACTUAL IN % OF OBJECTIVE
	ATLANTIC ROUTE	PACIFIC ROUTE	TOTAL		
JUL 1944	283,153	341,425	624,578	483,632	129.1%
AUG	505,152	680,914	1,186,066	967,263	122.6
SEP	783,568	982,415	1,765,983	1,450,894	121.7
OCT	1,019,541	1,291,843	2,311,384	1,934,525	119.5
NOV	1,262,057	1,605,753	2,867,810	2,418,156	118.6
DEC	1,557,570	1,874,892	3,432,462	2,901,786	118.3
JAN 1945	1,768,531	2,069,837	3,838,368	3,385,417	113.4
FEB				3,869,048	
MAR				4,352,679	
APR				4,836,310	
MAY				5,319,941	
JUN				5,803,571	

Data on actual shipments and objective are in long tons

DISTRIBUTION OF TONNAGE BY SHIP REGISTRY



SHIPMENTS, IN GROSS LONG TONS, FROM OCTOBER 1, 1941 TO JANUARY 31, 1945

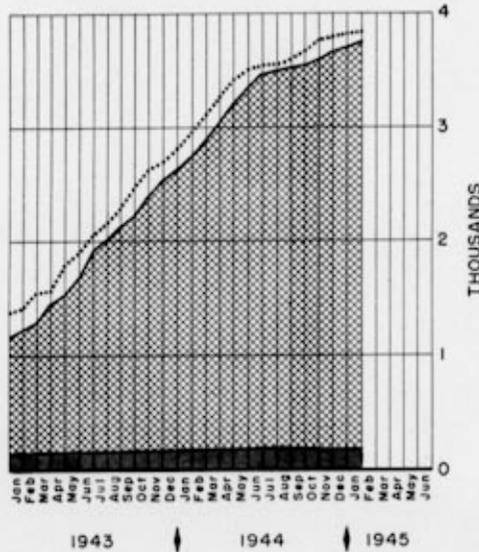
EXPORTS AND AVAILABILITY

by J. Schauble Date **FEB**
CUMULATIVE SINCE OCTOBER 1, 1941

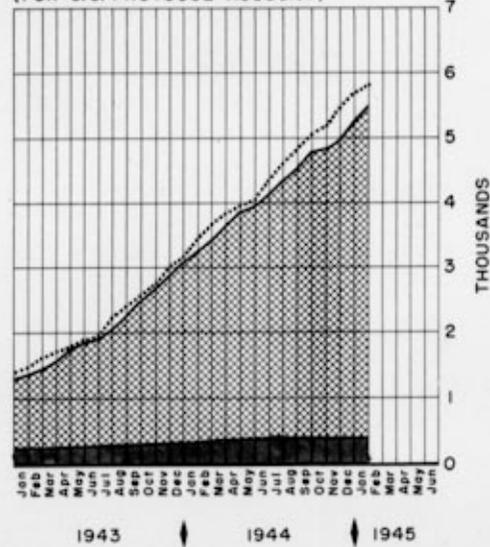
..... Quantity made available at U.S. centers of production

Exported
Arrived or En Route
Lost

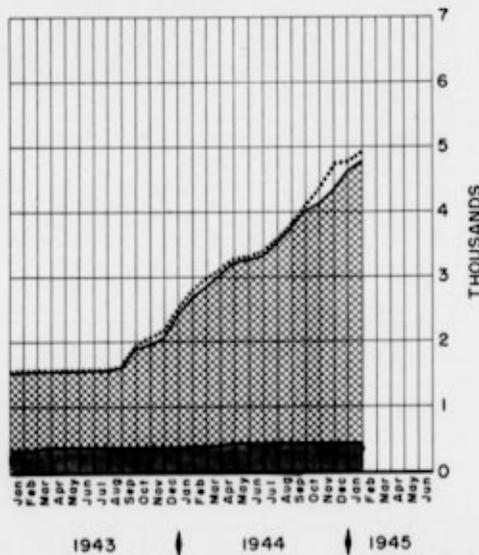
BOMBERS



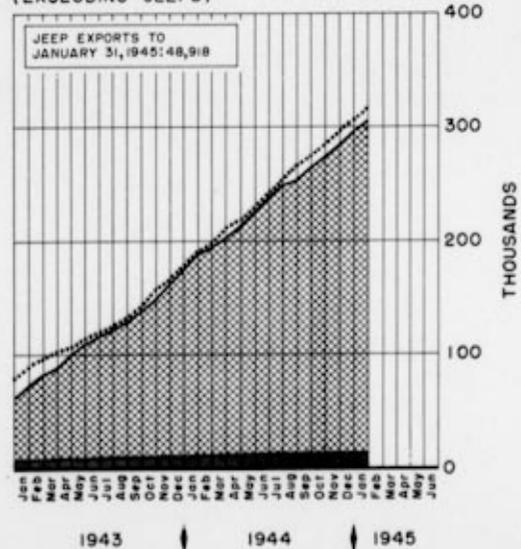
PURSUIT PLANES (FOR U.S. PROTOCOL ACCOUNT)



MEDIUM TANKS



TRUCKS (EXCLUDING JEEPS)



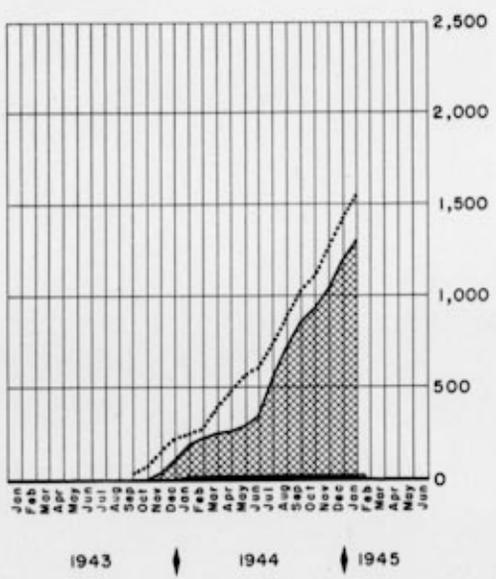
EXPORTS AND AVAILABILITY

CUMULATIVE SINCE OCTOBER 1, 1941

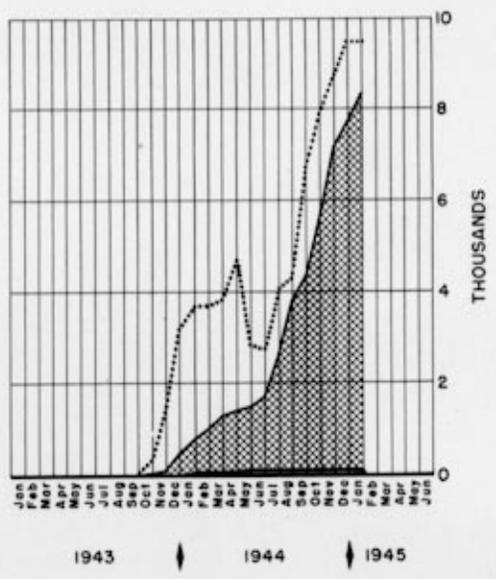
..... Quantity made available at U.S. centers of production

Exported
 Arrived or En Route
 Lost

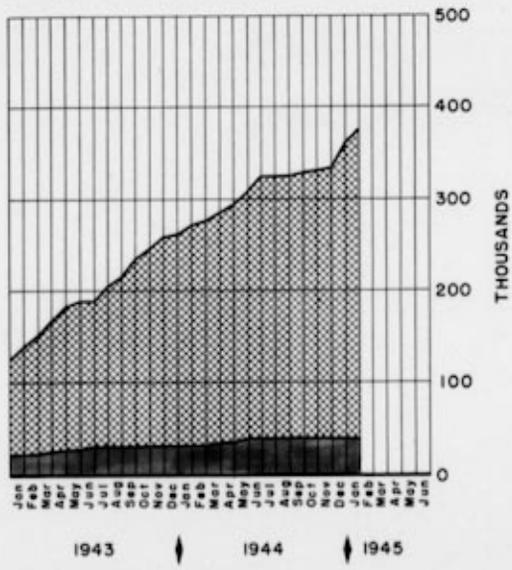
LOCOMOTIVES



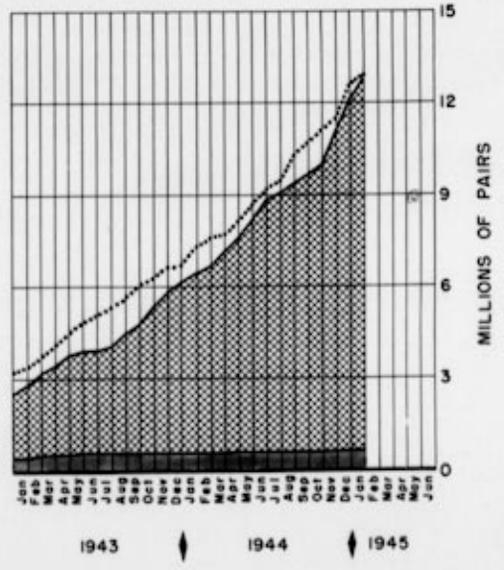
FLAT CARS



FIELD TELEPHONES



ARMY BOOTS



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

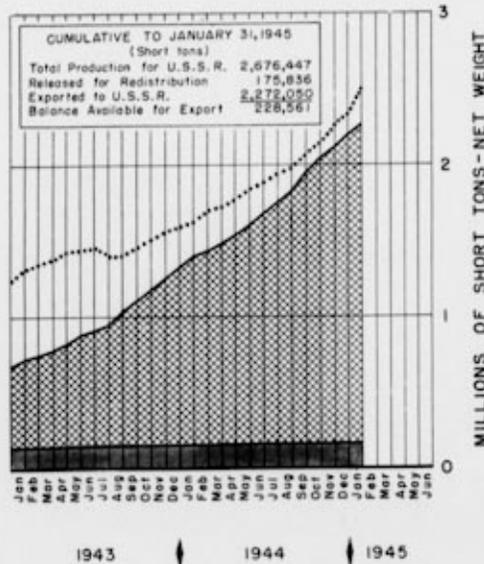
EXPORTS AND AVAILABILITY

CUMULATIVE SINCE OCTOBER 1, 1941

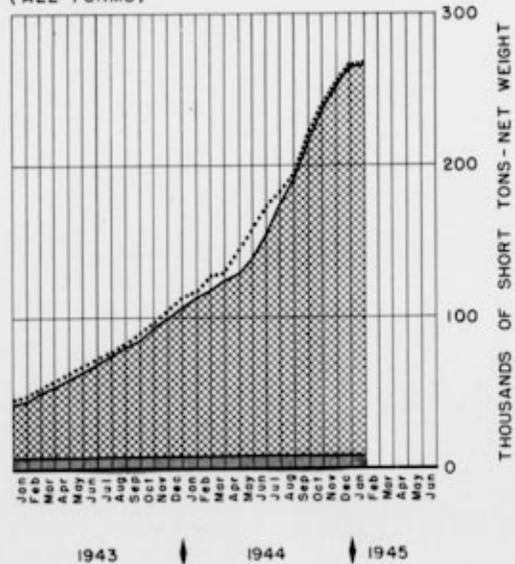
..... Quantity made available at U.S. centers of production



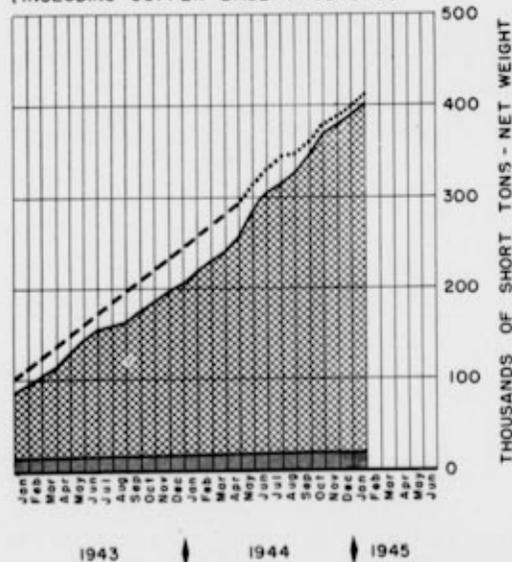
STEEL



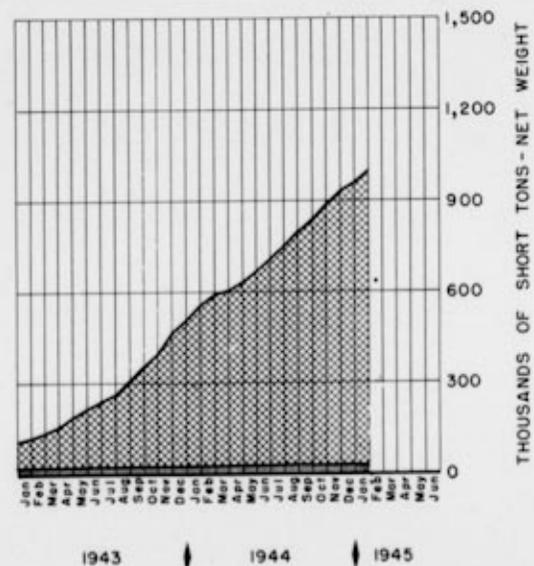
ALUMINUM (ALL FORMS)



COPPER (INCLUDING COPPER BASE PRODUCTS)



CHEMICALS AND EXPLOSIVES



EXPORTS AND AVAILABILITY

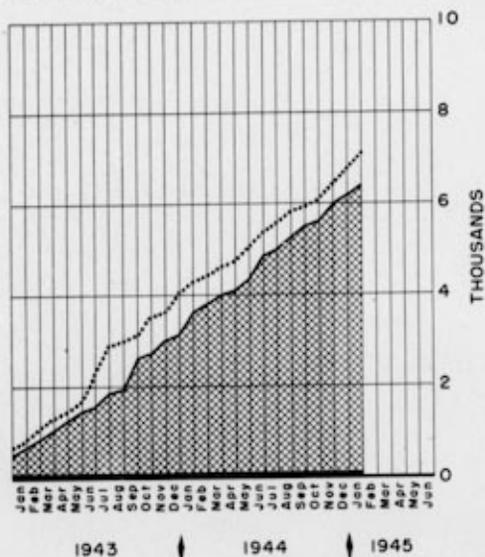
CUMULATIVE SINCE OCTOBER 1, 1941

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

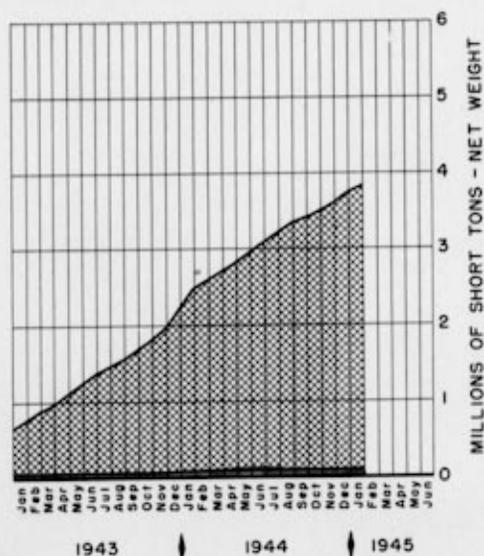
..... Quantity made available at U.S. centers of production



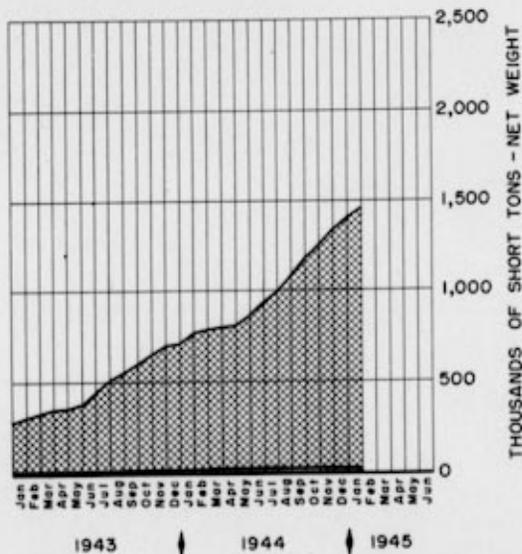
MARINE ENGINES



FOODSTUFFS



PETROLEUM PRODUCTS



STATEMENT OF VESSELS SAILED TO U.S.S.R
As of January 31, 1945

Date of Sailing	Number of Vessels Sailing						Arrived	En Route as of Jan. 31	Cargo Disch. in U.K.	Lost	Losses by Month
	For North Russia	For Persian Gulf	For Black Sea	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	-	7	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	53	-	-	2	1
Apr	-	35	-	-	25	60	59	-	-	1	3
May	-	36	-	-	40	76	76	-	-	-	-
Jun	-	24	-	9	43	76	76	-	-	-	-
Jul	20	17	-	15	40	92	91	-	-	1	1
Aug	25	5	-	9	41	80	80	-	-	-	-
Sep	23	11	-	1	38	73	73	-	-	-	-
Oct	10	20	-	-	45	75	75	-	-	-	-
Nov	20*	12	-	-	41	73	72	1	-	-	-
Dec	29	8	-	-	42	79	64	15	-	-	-
1945 Jan	15	5	7	-	30	57	1	56	-	-	-
Feb											
Mar											
Apr											
May											
Jun											
Total, Oct. 1941 to Jan. 31, 1945	502	543	7	89	1,030	2,171	1,973	72	52	74	74

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

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

Of the 2,171 sailings from October 1, 1941 to January 31, 1945, 994 were made by American vessels, 659 by Soviet vessels, 477 by American vessels transferred to Soviet registry, 40 by British vessels and 1 by a Swedish vessel. In addition to the 2,171 sailings, there were 114 ships that loaded partial cargoes in the U.S. for the U.S.S.R. In addition to the 74 ships shown above as lost, several ships have been sunk on their return voyages.

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

As of January 31, 1945

(Thousand of Gross Long Tons)

	For North Russia	For Persian Gulf		For Black Sea	For Soviet Arctic	For Soviet Far East		Total	Arrived	En Route as of Jan. 31	Disch. or on Hand in U.K.	Lost	Losses by Month
		Full Cargoes	Partial Cargoes			Full Cargoes	Partial Cargoes						
1941 Oct	48	-	-	-	-	17	-	65	62	-	-	3	-
Nov	41	3	-	-	-	14	-	58	55	-	-	3	-
Dec	50	10	-	-	-	11	-	71	63	-	-	8	3
1942 Jan	63	-	-	-	-	26	-	89	72	-	1	16	9
Feb	66	4	1	-	-	20	-	91	76	-	-	15	5
Mar	171	17	1	-	-	25	-	214	163	-	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	-	58	152	-	336	336	-	-	-	-
Aug	-	173	4	-	32	261	-	470	456	-	-	14	14
Sep	-	194	4	-	-	313	-	511	511	-	-	-	-
Oct	66	187	6	-	-	181	-	440	431	-	-	9	-
Nov	145	194	1	-	-	229	-	569	561	-	-	8	9
Dec	214	167	-	-	-	262	-	643	629	-	-	14	-
1944 Jan	222	202	-	-	-	176	-	600	597	-	-	3	22
Feb	127	114	-	-	-	100	-	341	333	-	-	8	3
Mar	110	152	-	-	-	91	-	353	339	-	-	14	8
Apr	-	275	-	-	-	134	-	409	405	-	-	4	18
May	-	287	-	-	-	264	-	551	551	-	-	-	-
Jun	-	187	-	-	28	307	-	522	522	-	-	-	-
Jul	156	127	-	-	66	276	-	625	624	-	-	1	1
Aug	185	36	-	-	31	309	-	561	561	-	-	-	-
Sep	191	88	-	-	3	298	-	580	580	-	-	-	-
Oct	80	155	1	-	-	309	-	545	545	-	-	-	-
Nov	155	96	1	-	-	314	-	566	557	9	-	-	-
Dec	228	67	1	-	-	269	-	565	454	111	-	-	-
1945 Jan	119	30	1	61	-	195	-	406	14	392	-	-	-
Feb													
Mar													
Apr													
May													
Jun													
Total, Oct. 1941 to Jan. 31, 1945	3,354	3,994	153	61	313	6,202	3	14,080	12,807	512	279	482	482

In addition to the above, the U.S. has aided in the movement through the Persian Corridor of petroleum products originating at British refineries in Abadan, reported to total 415,800 long tons.

In addition to the 185,000 tons shown as shipped to North Russia in August 1944, an undetermined amount of U.S. Army cargo lifted on the August ships will be turned over to Soviet authorities in North Russian ports.

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

PROGRESS OF INDUSTRIAL PROJECTS FOR THE U.S.S.R.
As of January 31, 1945

TIRE PLANT This \$10,000,000 project, placed in procurement in November 1942, was designed to produce 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 American equipment which was idle at the time, the tire plant of the Ford Motor Company was purchased and its basic elements were 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 \$1,200,000. Five American engineers were sent to Moscow to aid in construction; four of the five are still there. Due to changed conditions and construction delays the plant is still in construction. Only test production is expected from various departments until the late fall.

PETROLEUM REFINERY PROJECT This project, approved in September 1942, was developed to replace Soviet refining facilities destroyed by the German Army. It consists of four basic plants and two subsidiary plants designed to produce aviation gas, motor gas and lubricating oils. The entire project is valued at \$39,900,000 including engineering. Ninety-nine percent of the equipment has been shipped to the U.S.S.R. Nineteen U. S. engineers are in the U.S.S.R. aiding in construction. A report by the engineers at the end of January stated that the first basic plant was 56 percent completely erected, the second 13 percent, the third 56 percent and the fourth 25 percent completed. Soviet reports indicate that the equipment for the subsidiary plants is arriving at sites, foundations are virtually complete and erection is progressing.

Orders valued at \$17,900,000 were approved in April 1944 for additions to supplement the facilities already supplied. Purchase orders have been placed for 95 percent of the equipment and 10 percent has been delivered by suppliers.

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. Equipment valued at \$10,900,000 will provide signal and signal operating equipment for 3,000 K.M. of track. Equipment valued at \$10,700,000 has left manufacturers of which \$10,300,000 has been exported. A recent report by Soviet engineers stated that 400 K.M. are now in operation. In addition 42 power units of 40 K.W. each, all valued at \$434,000 have been furnished to operate the system. Ninety-nine percent of the power units has been exported.

POWER PROGRAM Under the Second and subsequent Protocols, various projects have been approved to provide electric power for areas of the U.S.S.R. devastated by the enemy and for Soviet war plants. A total of 1,457,274 K.W. has been approved as follows:

Stationary Steam Plants	631,939 KW	Trailer Mounted Diesel Plants	72,945 KW
R.R. Power Trains, Steam	267,500 KW	R.R. Power Trains, Diesel	103,000 KW
Stationary Diesel Plants	327,498 KW	Hydro-Electric Stations	54,392 KW

This program is estimated to cost \$182,700,000. Equipment valued at \$116,300,000 has already left U.S. ports. Soviet engineers report that the first R.R. Power Train assigned to the Donets Basin is fulfilling all expectations.

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. The project valued at \$6,367,000 has been completely fabricated and Soviet representatives state the mill is now in operation in the U.S.S.R.

An 18" merchant mill valued at \$3,650,000 was placed in procurement in November 1942. Equipment valued at \$3,615,000 has been made ready for shipment and \$3,500,000 has been exported.

Two pipe fabricating mills were approved in February 1943 at a cost of \$1,252,000. Although the principle components of these mills were diverted to U.S. Army use to meet the needs for seamless pipe for the rapid advance through France, replacements are nearly completed and equipment valued at \$1,200,000 has already been shipped to the U.S.S.R.

A project consisting of a blooming mill, rail and structural mill, and a railroad tie and fish plate mill and soaking pits was approved for production in November 1943 at a total cost of \$14,800,000. Fifty percent of this project has been fabricated and 25 percent has left the U. S.

STEEL EXPANSION PROGRAM Since December 1942, auxiliary equipment for expansion of U.S.S.R. steel facilities has been approved. When installed in the U.S.S.R. it is expected to increase Soviet production of carbon steel ingots by 2,500,000 tons a year. The equipment is valued at \$13,300,000, of which \$11,400,000 has been made available at manufacturers and \$10,200,000 has been exported.

OTHER PLANTS

	Date Approved	Total Costs*	Percent of Total Made Available in U. S.	Percent of Total Exported
Wall Board Plant	11/17/42	\$ 663,000	100	100
Glass Bulb and Tubing Plant	3/17/43	1,442,000	35	-
Voltol Pilot Plant	4/22/43	179,300	100	100
Nitric Acid Plant	11/27/42	1,125,000	50	35
Hydrogen Gas Plants	5/29/42	533,000	100	100
Hydrogen and Catalyst Plants	11/9/42	2,627,000	99	33

* Includes engineering services, training of Soviet operators, miscellaneous materials, etc.

~~SECRET~~

AIRCRAFT DELIVERIES TO U.S.S.R. October 1, 1941 to January 31, 1945

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 January 31, 1945		Lost in North America		Departed North America	Lost After Departure	Diverted to Others	En Route N. A. to Destination 1/31/45	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 ROUTE											
Alaskan-Siberian Ferry Route	6,590	201	92(62)*	68	53(4)*	6,176	0	0	0	6,176	6,176
South Atlantic Route to Abadan	1,055	0	0	17	0	1,038	43	1	0	994	993
Water to North Russia	1,483	0	0	0	0	1,483	310	1	0	1,172	1,172
Water to Persian Gulf Assembly at Abadan	4,143	1	70	0	0	4,142	231	0	4	3,907	(17)** 3,864
Total	13,271b	202	92(62)*	85	53(4)*	12,839	584	2	4	12,249	(17)**12,205
BY TYPE OF PLANE											
Pursuit Planes											
P-40 A1a1b	50	0	0	0	2(1)*	48	0	0	0	48	48
P-40 North Russia, Water	1,149	0	0	0	0	1,149	228	1	0	900	900
P-40 Persian Gulf, Water	872	0	0	0	0	872	54	0	0	818	(6)** 1,090
P-40 Persian Gulf, Water, U.K. Acct.	300	0	0	0	0	300	0	0	0	300	999
P-39 A1a1b	1,022	0	0	9	14(1)*	999	0	0	0	999	999
P-39 A1a1b, U.K. Account	1,637	0	0	28	17	1,592	0	0	0	1,592	1,592
P-39 A1a1b, Reimbursement Acct.	30	0	0	0	3	27	0	0	0	27	27
P-39 North Russia, Water, U.K. Acct.	35	0	0	0	0	35	5	0	0	30	30
P-39 North Russia, Water	57	0	0	0	0	57	7	0	0	50	50
P-39 North Russia, Water, Reim. Acct.	28	0	0	0	0	28	0	0	0	28	28
P-39 Persian Gulf, Water	1,101	0	0	0	0	1,101	38	0	0	1,063	(1)** 2,020
P-39 Persian Gulf, Water, U.K. Acct.	893	0	0	0	0	893	53	0	0	840	(1)** 1,211
P-39 Persian Gulf, Water, Reim. Acct.	121	0	0	0	0	121	0	0	0	121	(1)** 3
P-47 A1a1b	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	1	0	0	0	196	7	0	4	185	184
P-63 North Russia, Water	3	0	0	0	0	3	0	0	0	3	3
P-63 A1a1b, U.K. Account	85	0	0	0	0	85	0	0	0	85	85
P-63 A1a1b	1,333	194	58(29)*	6	6(2)*	1,069	0	0	0	1,069	1,069
Total Pursuit Planes	8,919	195	58(29)*	43	42(4)*	8,581	412	1	4	8,164	(9)** 8,131
Light Bombers											
A-20 A1a1b	1,297	0	0	22	9	1,266	0	0	0	1,266	1,266
A-20 South Atlantic	927	0	0	17	0	910	39	1	0	870	869
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
Total Light Bombers	3,026	0	0	39	9	2,978	157	1	0	2,820	(7)** 2,811
Medium Bombers											
B-25 A1a1b	662	5	16(15)*	1	2	638	0	0	0	638	638
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	795	5	16(15)*	1	2	771	4	0	0	767	767
Heavy Bombers											
B-24 A1a1b	1a	0	0	0	0	1	0	0	0	1	1
Cargo Planes											
C-47 A1a1b	470	2	18(18)*	2	0	448	0	0	0	448	448
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	0	8	8
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	0	30	(1)** 28
P5M Patrol Bombers	114c	-	-	1	-	113c	-	-	-	-	-

* 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 Does not include 114 P5M Patrol Bombers

c Departed Elizabeth City, N.C.

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

EXPORTS AND AVAILABILITY

As of January 31, 1945

Item	Fourth Protocol Program Performance			Exported		Total Aid - Four Protocols October 1, 1941 to Jan. 31, 1945				
	Adjusted Program a	Program to 1/31/45	Made Available to 1/31/45 b	During Jan. 1945	7/1/44 to 1/31/45	Made Available b	Exported c	Lost Enroute	Diverted Enroute	
I AIRCRAFT AND EQUIPMENT (For U.S. Protocol Account)										
I-1A Pursuit Planes	2,450	1,450	1,440	326	1,375	} See Detailed Schedule				
I-1B Light Bombers	0	0	0	0	44					
I-1C Medium Bombers	300	175	275	45	247					
I-1D Heavy Bombers	0	0	0	0	0					
I-1E Transport Planes	240	140	150	22	126					
I-1F Flying Boats, PBM	30	18	85	1	85					
I-1G Observation Planes	0	0	0	0	0					
I-1H Advanced Trainers	0	0	0	0	0					
(For U.K. Protocol Account) (Under Reciprocal Agreements)										
I-1A Pursuit Planes	0	0	0	0	178					
I-6A Link Trainers	0	0	0	0	0	10	5	0	0	
6B Aircraft Landing Mats (1000 sq. ft.)	16,000	16,000	19,481 f	4,232	13,634	22,779 f	16,927	0	0	
II MILITARY SUPPLIES g										
Combat Vehicles										
II-1A1 Light Tanks	0	0	2	0	0	1,682	1,680	443	0	
II-1A2 Medium Tanks	2,229	1,300	1,577	144	1,476	4,927	4,782	405	0	
II-1B1 Self-Propelled Guns, A.T. 76 mm	0	0	0	0	0	5	5	0	0	
II-1B2 Self-Propelled Guns, A.T. 57 mm	0	0	0	0	0	650	650	0	0	
II-1B3 Self-Propelled Guns, A.T. 3"	0	0	0	0	0	52	52	0	0	
II-1B4 Self-Propelled Guns, A.A. 37 mm	0	0	0	0	0	100	100	0	0	
II-1B5 Self-Propelled Guns, A.A. 50 Cal.	9	0	0	0	0	1,000	1,000	0	0	
II-1C Half Tracks	0	0	384	0	418	1,181	1,158	54	0	
II-1D Armored Scout Cars	0	0	(-154)	0	447	3,514	3,282	228	0	
II-1E Universal Carriers	0	0	0	0	0	0	0	0	0	
Total	2,229	1,300	1,909	144	2,341	13,111	12,709	1,130	0	
Ordnance Service Vehicles										
II-2A Field Repair Trucks	222	72	116	0	155	1,709	1,259	3	0	
II-2B Tank Recovery Units	0	0	0	0	0	130	130	0	0	
II-2C Tank Transporters	400	67	106	0	148	482	432	20	0	
Total	622	139	222	0	303	1,921	1,821	23	0	
Trucks										
II-3A1 Jeeps (1/2 ton 4x4)	6,236	6,236	4,100	895	5,196	48,494	45,858	3,657	1,378	
II-3A2 Jeeps, Amphibian	0	0	199	50	260	3,209	3,060	0	0	
II-3B1 Trucks, 3/4 ton	16,000	6,667	4,502	493	6,423	22,368	22,063	78	598	
II-3B2 Trucks, 1 1/2 ton	41,436	33,816	26,106	978	4,588	139,166	135,207	6,580	1,826	
II-3B3 Trucks, 2 1/2 ton	73,560	6,655	38,642	6,573	35,664	152,111	144,730	4,236	1,130	
II-3B4 Trucks, 2 1/2 ton, Amphibian	300	300	550	16	261	550	261	0	0	
II-3C Trucks, 5 ton and Over	1,040	174	170	20	140	224	194	0	0	
II-3D Trucks, Special Purpose	1,700	634	686	30	727	1,337	1,265	0	0	
II-3E Truck-Tractors with Trailers	1,275	575	479	96	551	1,445	1,421	6	0	
II-3F (Engines for Trucks)	(0)	(0)	(646)	(54)	(76)	(2,646)	(2,076)	(0)	(0)	
Total Trucks	141,547	55,057	75,434	9,151	73,810	368,904	354,059	14,557	4,932	
Other Vehicles & Track-Laying Tractors										
II-4A1 Motorcycles	12,000	7,808	6,585	785	6,324	32,917	30,440	1,870	1,100	
II-4B1A2 Track-Laying Tractors	2,400	1,400	1,470	248	1,786	7,082	6,287	253	0	
II-4B3 Engines for Tractors	2,000	709	70	0	101	1,570	1,533	0	0	
Artillery and Ammunition										
II-5A1 A.A. Guns, 90 mm	124	124	56	0	44	280	268	8	0	
II-5A2 A.A. Guns, 40 mm	0	0	97	0	200	5,678	5,595	196	0	
II-5A3 A.A. Guns, 37 mm	0	0	0	0	0	424	424	16	0	
II-5A4 A.A. Machine Guns, 50 Cal.	0	0	0	0	0	2,000	1,925	0	0	
II-5A7 A.A. Guns, 4.7"	0	0	0	0	0	4	4	0	0	
II-5B1 A.T. Guns, 37 mm	0	0	0	0	0	63	63	28	0	
II-5B4 A.T. Guns, 57 mm	0	0	0	0	0	0	0	0	0	
II-5C1 Sub-machine Guns, 45 Cal.	0	0	2,000	0	0	142,122	135,633	23,340	0	
II-5D1 Pistols and Revolvers	0	0	0	0	0	13,700	13,000	1,500	0	
II-5F Mortars	0	0	0	0	0	30	30	0	0	
II-5G Smoke Pots (1000 Units)	0	0	330	0	532	1,435	1,403	0	0	
II-5H Ammunition (except for Naval Armament (1000 rds.))	Ammunition Supplied with Armament in accordance with U.S. standards									
II-5J Rocket Launchers	0	0	0	0	0	3,000	3,000	0	0	
II-5K Howitzer Guns, 240 mm	2	0	0	0	0	0	0	0	0	
II-5L Guns, 3"	2	0	0	0	0	0	0	0	0	

Notes: a Original U.S. Fourth Protocol offerings adjusted as indicated by U.S.S.R. to conform with shipping possibilities and reasonable stocks exclusive of quantities to be supplied in Annex III.
 b Made available from production or by assignment after deduction of quantities repossessed or diverted before export. Includes purchases for cash.
 c Quantities exported have arrived in U.S.S.R. or Persian Gulf ports or are enroute except for quantities shown as lost or diverted.
 d Assignment of 6 B-24's cancelled by Munitions Assignment Board, 12/20/44.
 e Departures from Elizabeth City, N.C.
 f Additional quantities of landing mats have been made available from Army Air Force supplies in the Soviet Union.

2 1974

SECRET
Sheet 2

Item	Fourth Protocol Program Performance			Exported		Total Aid - Four Protocols October 1, 1941 to Jan. 31, 1945			
	Adjusted Program a	Program to 1/31/45	Made Available to 1/31/45 b	During Jan. 1945	7/1/44 to 1/31/45	Made Available b	Exported c	Lost Enroute	Diverted Enroute
II MILITARY SUPPLIES (cont.) d									
Explosives (tons)									
II-6A1 Smokeless Powder	50,000	29,167	**	450	10,466	**	130,443	4,910	0
II-6A2 Stick Powder	0	0	92	0	602	2,211	2,211	0	0
II-6A3 Other Powder	0	0	35	0	35	39	39	0	0
II-6A4 Cordite Powder	0	0	0	0	0	919	636	0	0
II-6B T.M.T.	60,000	35,000	29,500	0	21,988	140,926	120,323	3,449	250
II-6C Dynamite, incl. Ammonite	11,608	6,772	15,834	0	21,251	40,456	39,868	0	0
II-6D Picric Acid	0	0	23	0	150	2,017	1,535	92	0
II-6E Cellulose (Nitrocellulose in Alcohol)	0	0	0	74	1,327	8,156	6,787	1,401	86
II-6F (Detonators, Blasting Supplies, etc. \$1000)	(3,248)	(3,248)	(**)	(**)	(**)	(**)	(**)	(**)	(**)
II-6G (Other Explosives & Components, \$1000)	(0)	(0)	(**)	(**)	(**)	(**)	(**)	(**)	(**)
Total Explosives (tons)	121,608	70,939	**	524	55,819	**	301,842	10,252	336
Wireless Communication Equipment									
II-7A1 Radio Stations over 1 KW, Marine	153	68	**	**	**	**	**	**	**
II-7A2 Radio Stations over 1 KW, Other	0	0	4	0	14	25	25	0	0
II-7A3 Radio Stations 1 KW & Under, Marine	12,100	7,559	**	**	**	**	**	**	**
II-7A4 Radio Stations 1 KW & Under, Other	0	0	9,187	0	6,500	**	33,796	846	32
II-7C1 Radio Receivers, Marine	0	0	**	**	**	**	**	**	**
II-7C2 Radio Receivers, Other	2,600	475	1,363	492	1,336	**	4,962	19	0
II-7D1 Radio Locators, Marine	0	0	**	**	**	**	**	**	**
II-7D2 Radio Locators, Ground	196	196	352	13	128	**	164	0	0
II-7D3 Radio Locators, Aircraft	0	0	**	**	**	**	**	**	**
II-7E Radio Direction Finders	200	196	257	34	641	**	705	0	0
II-7F Radio Altimeters	300	300	50	0	50	**	0	0	0
II-7G Radio Beacons	0	0	0	0	21	**	35	0	0
II-7H Radio Tubes (1000 units)	5,000	2,917	**	**	**	**	**	**	**
II-7I Radio Components, Parts & Accessories (\$1000)	0	0	**	**	**	**	**	**	**
II-7J Radio Measuring & Testing Equipment (\$1000)	3,438	1,407	2,288	83	936	**	3,512	5	0
II-7K Radio Compass	1,200	1,200	800	86	1,102	**	2,112	2	0
Total	1,200	1,200	800	**	**	**	**	**	**
Construction Machinery (\$1000)									
II-8A Road & Airport Construction Equip.	2,925	859	1,400*	52	741	2,000*	1,348	108	0
II-8B Tractor-Mounted Construction Equip.	1,605	491	728	8	100	1,169	518	0	0
II-8C Mixers and Pavers	1,994	551	727	4	594	1,397	917	0	0
II-8D S.R. Construction Equipment	0	0	0	0	0	635	635	0	0
Total (\$1000)	6,524	1,901	2,855	64	1,435	5,201	3,412	108	0
R.R. Transportation Equipment									
II-9A1 Steam Locomotives	1,585	1,165	889	94	939	1,490	1,278	6	0
II-9A2 Diesel-Electric Locomotives	100	59	54	7	27	54	27	0	0
II-9B1 Flat Cars	12,444	8,078	6,754	618	6,700	9,514	8,340	62	0
II-9B2 Dump Cars	1,130	74	630	0	950	1,000	1,000	0	0
II-9B3 Tank Cars	0	0	0	0	3	100	100	0	0
II-9B4 Heavy Machinery Cars	35	35	35	4	10	35	10	0	0
Total (units)	15,094	10,051	8,366	743	8,629	12,193	10,755	68	0
Medical Supplies (\$1000)									
II-10 Medical Supplies (Protocol Items Only)	17,500	10,209	6,647	**	**	**	**	**	**
Other Military Items									
II-11A Cableway Bridges	0	0	0	0	0	15	15	0	0
II-11C Portable Pipelines	0	0	0	0	0	2	2	0	0
II-11D Flashlights w/Dry Cells	0	0	0	0	0	100,000	100,000	0	0
II-11E Pontoon Bridges	0	0	25	0	0	25	0	0	0
III NAVAL AND MARINE EQUIPMENT									
Ships, Except Combat									
III-1A Dry Cargo Vessels, Transferred	0	0	10*	9	10	70*	70	0	0
1B Tankers, Transferred	0	0	0	0	0	12*	0	0	0
1C Icebreakers, Transferred	0	0	0	0	0	1	1	0	0
1D Tugboats	35	-	10	3	10	10	10	0	0
1F Steam Schooners	0	0	0	0	0	1	1	0	0
1G Pneumatic Floats	120	70	0	0	0	3,000	3,000	552	0
1I Motor Launches	0	0	1	0	1	1	1	0	0
Combat Ships									
III-2A Submarine Chasers, 110'	23	-	23	0	23	46	46	0	0
2B Submarine Chasers, 65'	17	-	17	0	12	80	59	2	0
2C Torpedo Boats	130	-	83	13	84	171	145	3	7
2D Minesweepers	12	-	0	0	0	10	10	0	0
2G Landing Craft	0	0	12	0	19	52	49	9	9

Notes: All tons are 2000 lbs. net weight.

** Data not available.

a Original U.S. Fourth Protocol offerings adjusted as indicated by U.S.S.R. to conform with shipping possibilities and reasonable stocks exclusive of quantities to be supplied in Annex III.

b Made available from production or by assignment after deduction of quantities reprocessed or diverted before export. Includes purchases for cash.

c Quantities exported have arrived in U.S.S.R. or Persian Gulf ports or are enroute except for quantities shown as lost or diverted.

d In most instances spare parts are supplied in accordance with U.S. standards.

e Represents number of vessels transferred to the Soviet Flag less number returned to the U.S. Mine dr- cargo vessels and seven tankers have been transferred and returned to the U.S. under exchange arrangements. Dry cargo vessels include one combination cargo and passenger vessel.

Item	Fourth Protocol Program Performance			Exported		Total Aid - Four Protocols October 1, 1961 to Jan. 31, 1945			
	Adjusted Program a	Program to 1/31/45	Made Available to 1/31/45 b	During Jan. 1945	7/1/44 to 1/31/45	Made Available b	Exported c	Lost Enroute	Diverted Enroute
III NAVAL AND MARINE EQUIPMENT (cont.)									
Marine Propulsion Machinery, etc.									
III-3A Marine Diesel Engines	3,529	-	1,111	232	1,311	2,731	2,587	9	0
3B Marine Gasoline Engines	1,743	-	706	0	322	4,346	3,816	46	0
3C Wooden Gas Engines	200	-	50	6	6	50	6	0	0
3D Outboard Motors	850	0	0	0	400	1,300	1,300	0	0
3E Shafting and Ship Propellers (\$1000)	204	-	116	2	116	185	185	0	0
3F Steering Gears (\$1000)	784	-	33	0	0	76	43	0	0
3G Storage Batteries for Submarines	18	-	17	4	13	39	35	0	0
3I Parts and Equip. for Marine Propulsion Mech. (\$1000)	0	0	1,243	150	1,243	1,816	1,816	13	0
Special Ship Equipment									
III-4A Salvage Stations and Diving Gear (\$1000)	670	-	149	57	149	877	877	3	0
4B Jetting Apparatus (\$1000)	28	-	0	0	0	112	109	0	0
4D Submarine Rescue Chambers	0	0	0	0	0	1	1	0	0
4E Distilling Apparatus (\$1000)	1,200	-	0	0	0	36	36	0	0
4G Misc. Special Ship Equip. (\$1000)	0	0	6	0	6	9	9	0	0
20I Trawling Equip. for Minesweepers (\$1000)	9,000	-	1,077	0	1,077	1,199	1,199	0	0
10I Mech. and Elec. Equip. for Tugboats (\$1000)	206	-	406	0	406	538	538	0	0
10H Mech. & Elec. Equip. for Ferryboats (\$1000)	2,540	-	1,218	0	1,218	1,218	1,218	0	0
Naval Artillery and Ammunition									
III-5A 3"/.50 Cal. D.D. Guns	0	0	0	0	0	516	516	3	36
5B 5"/.38 Cal. D.D. Guns	0	0	0	0	0	150	146	6	0
5C .50 Cal. Machine Guns	0	0	0	0	1,000	2,250	2,250	0	0
5F Oerlikon Guns	0	0	0	0	182	2,110	2,110	111	150
5G Spare Parts and Equip. for Naval Guns (\$1000)	0	0	1,884	297	1,884	1,884	1,884	0	0
5H Ammunition for Naval Armaments				Furnished with Armament					
IV FOODSTUFFS (short tons) (2000 lbs. net weight)									
IV-1A Wheat	0	0	0	0	0	55,713	55,713	600	0
1B Wheat Flour	50,000	29,166	35,659	10,965	35,659	568,274	568,274	8,827	5,062
1C1 Other Grains	0	0	0	0	0	5,362	5,362	0	0
1C2 Other Flour	0	0	3,198	66	3,198	30,700	30,700	0	0
1C3 Other Basic Grain Mill Prod.	10,000	5,834	4,496	0	4,496	27,450	27,450	130	0
1C4 Other Finished Cereal and Prod.	25,000	14,584	15,516	189	15,516	101,785	101,785	1,065	528
1D Dried Peas and Beans	35,000	20,416	21,648	2,966	21,648	240,823	240,823	7,905	23,138
1E1 Seeds, Land-Lease	15,000	8,750	16,036	4,723	16,036	32,659	32,659	18	0
1E2 Seeds, RNR	-	-	(149)	(3)	(149)	(2,205)	(2,205)	(0)	(0)
Sub-total	135,000	78,750	96,553	18,909	96,553	1,062,786	1,062,786	18,545	28,728
IV-2A Sugar, U.S.	203,990	118,995	64,492	8,946	64,492	481,409	481,409	16,481	12,364
2B Sugar, Other Sources	203,990	118,995	26,374	8,500	26,374	102,747	102,747	0	0
Sub-total	203,990	118,995	90,866	17,446	90,866	584,156	584,156	16,481	12,364
IV-3A Canned Dehydrated Meat	7,000	4,084	7,131	0	7,131	14,802	14,802	0	0
3B Canned Tushonka	351,000	204,750	48,270	7,237	48,270	198,920	198,920	2,110	0
3C Other Canned Meat	351,000	204,750	80,828	9,116	80,828	431,461	431,461	17,449	15,422
3C2 Canned Meat Purchased from U.K. on U.S. account			37,135	0	37,135	37,135	37,135	0	0
Sub-total	358,000	208,834	173,364	16,353	173,364	682,318	682,318	19,559	15,422
IV-4A1 Fat Cuts	100,000	58,337	46,599	5,435	46,599	256,672	256,672	3,198	4,142
4B2 Smoked Meats	20,000	11,667	1,245	0	1,245	17,650	17,650	499	302
4B3 Sausage and Meat Preparations			226	0	226	489	489	0	0
4C1 Hytter			10,778	185	10,778	62,134	62,134	1,010	735
4C2 Butter Oil	40,000	23,334	8,126	177	8,126	9,087	9,087	0	0
4C3 Carter's Spread			14,452	952	14,452	23,466	23,466	109	0
4A Lard	170,000	99,167	105,052	11,843	105,052	277,586	277,586	7,098	16,846
4D Other Animal Fats and Oils			740	1	740	24,239	24,239	637	539
Sub-total	330,000	192,505	187,218	18,593	187,218	671,323	671,323	12,551	22,564
IV-5A1 Vegetable Oil in Bulk	131,000	76,417	118,262	761	118,262	395,619	395,619	672	0
5A2 Vegetable Oil in Drums	0	0	1,299	0	1,299	14,362	14,362	37	0
5B Shortening	22,000	12,834	5,239	0	5,239	30,762	30,762	286	2,140
5C Oleomargarine	22,000	12,834	7,550	267	7,550	48,363	48,363	537	0
5D Essential and Floral Oils	0	0	12	0	12	48	48	0	0
Sub-total	175,000	102,085	132,362	1,028	132,362	489,154	489,154	1,532	2,140

Notes: a Original U.S. Fourth Protocol offerings adjusted as indicated by U.S.S.R. to conform with shipping possibilities and reasonable stocks exclusive of quantities to be supplied in Annex III.
b Made available from production or by assignment after deduction of quantities reprocessed or diverted before export. Includes purchases for cash.
c Quantities exported have arrived in U.S.S.R. or Persian Gulf ports or are enroute except for quantities shown as lost or diverted.
d Foodstuffs considered made available as shipped.

Item	Fourth Protocol Program Performance			Exported		Total Aid - Four Protocols October 1, 1941 to Jan. 31, 1945			
	Adjusted Program a	Program to 1/31/45	Made Available to 1/31/45 b	During Jan. 1945	7/1/44 to 1/31/45	Made Available b	Exported c	Lost Enroute	Diverted Enroute
IV FOODSTUFFS (short tons) (2000 lbs., net weight)									
IV-6A Canned Milk	15,000	8,750	8,876	0	8,876	21,282	21,282	282	0
6B Dried Milk	35,000	20,417	10,715	1,608	10,715	60,702	60,702	896	4,349
6C Dried Eggs	60,000	35,300	25,217	3,694	25,217	95,056	95,056	4,773	5,206
6D Cheese	17,000	9,917	8,671	0	8,671	28,177	28,177	295	0
6E1 Soya Flour	34,000	19,832	4,127	1,541	4,127	43,137	43,137	1,442	0
6E2 Soya Grits			1,038	0	1,038	19,146	19,146	0	0
6F Fruit and Veg. Pastes and Purees	6,000	3,500	3,764	521	3,764	7,423	7,423	0	0
6G Concentrated Juices	2,000	1,167	22	0	22	1,745	1,745	0	0
6H Dried Fruits	0	0	292	0	292	1,341	1,341	0	0
6I Dried and Dehy. Vegetables	5,000	2,916	2,204	238	2,204	6,537	6,537	0	0
6J Dried Soups	3,000	1,750	200	0	200	7,228	7,228	105	0
6K Concentrated Cereals	2,000	1,167	1,152	0	1,152	8,843	8,843	95	0
Sub-total	179,000	104,416	66,278	7,602	66,278	300,617	300,617	7,388	9,690
IV-7A Soap	0	0	1,766	128	1,766	8,038	8,038	110	0
7B Soap Stock	0	0	0	0	0	322	322	0	322
Sub-total	0	0	1,766	128	1,766	8,360	8,360	110	322
IV-8A Canned Fruits	0	0	20	0	20	369	369	0	0
8B Canned Vegetables	0	0	247	0	247	1,667	1,667	0	0
8C Fresh Fruit	0	0	125	0	125	189	189	0	0
8D Fresh Vegetables	0	0	517	0	517	1,793	1,793	0	0
8E Vitamins	609	356	484	39	484	1,030	1,030	5	36
8F Yeast	600	350	212	13	212	1,050	1,050	0	112
8G Tea	0	0	207	0	207	1,083	1,083	0	0
8H Coffee	0	0	418	0	418	7,243	7,243	0	560
8I Salt	0	0	55	0	55	2,181	2,181	0	0
8J Spices	0	0	26	0	26	1,251	1,251	0	0
8K Flavoring Extracts	0	0	0	0	0	167	167	2	0
8L1 Hazel Nuts from Turkey	0	0	0	0	0	3,638	3,638	0	0
8L2 Other Nuts	0	0	0	0	0	58	58	0	0
8M Other Foodstuffs	0	0	201	0	201	2,605	2,605	1	0
8N Feed	0	0	2,365	0	2,365	9,967	9,967	0	0
8O Other Misc. Agr. Products	0	0	7	0	7	10	10	0	0
Sub-total	1,209	706	4,884	52	4,884	34,271	34,271	8	708
Miscellaneous Offering	5,000	2,917	-	-	-	-	-	-	-
Total Foodstuffs	1,387,199	809,208	753,291	80,111	753,291	3,831,985	3,831,985	76,674	91,938
V INDUSTRIAL MACHINERY AND EQUIPMENT (\$1000)									
V-1 Engines & Turbines, General Purpose	4,368	2,548	1,519	105	2,238	9,864	9,226	883	0
V-2A Compressors, Marine	0	0	0	0	243	373	370	0	0
V-2B Compressors, Other	5,634	2,940	4,204	208	4,445	12,540	12,366	340	0
V-3A Pumps, Marine	1,168	682	941	160	1,387	2,072	1,926	0	0
V-3B Pumps, Other	7,778	4,538	2,698	348	3,077	9,758	9,239	204	0
V-4 Crushing Pulverizing & Mixing Machinery	10,575*	6,030	1,185	74	1,623	7,361	6,780	83	0
V-5 Conveyors & Conveying System	1,114	650	132	27	737	1,447	1,425	0	0
V-6A Winches, Marine	97	57	74	0	129	391	358	-	0
V-6B Cranes, Derricks, Hoists, Other	16,973	9,902	14,144	4,105	14,007	27,953	23,878	58	0
V-7 Industrial Trucks & Tractors	4,834	2,746	2,008*	303	2,078	6,300*	6,110	108	0
V-8A Fan and Blower Equip., Marine	66	39	67	0	0	580	513	0	0
V-8B Fan and Blower Equip., Other	4,234	2,470	1,617	253	1,609	2,456	2,118	0	0
V-9 Mech. Power Transmission Equip.	0	0	19	1	1	71	71	0	0
V-10 Bearings	15,337	8,947	7,591	965	9,075	23,242	22,564	233	0
V-11 Valves & Steam Specialties	4,195	2,448	1,769	166	2,719	6,977	6,273	58	0
V-12 Misc. General Purpose Industrial Machinery and Equip.	1,220	712	500	59	1,605	4,230	4,228	4	0
V-13A1 Elec. Rotating Equip., Marine	1,772	1,034	459	1	459	1,498	1,498	0	0
V-13A2 Elec. Rotating Equip., Other	9,128	5,325	4,703	783	4,326	15,768	15,322	349	3
V-13B1 Generators Sets, Military	2,080	625	1,000*	46	952	24,600*	24,366	623	0
V-13B2 Generators Sets, Marine	5,404	3,153	2,961	137	2,961	7,832	7,832	0	0
V-13B3 Generator Sets, Other	74,035	43,188	56,999	3,291	75,648	114,976	116,312	74	0
V-14 Primary Electric Power Transmission Equipment	4,771†	2,784	2,923	472	2,273	5,879	4,751	6	0
V-15 Power Conversion Equip.	1,073	607	4,314	42	5,708	6,769	6,769	270	0
V-16A Secondary Distribution Equip. and Firing Devices, Marine	See V-14	0	0	0	3	70	70	0	0
V-16B Secondary Distribution Equip. and Firing Devices, Other	See V-14	271	-	-	285	1,286	1,241	7	0
V-17 Motor Starters and Controllers	1,957	1,142	248	123	141	950	790	33	23
V-18 Electric Lamps	0	0	0	0	0	103	91	-	0
V-19 Misc. Electrical Equip.	321	138	875*	118	875	2,900*	2,595*	3	0
V-20 Food Products Machinery	224	131	184	4	344	844	829	4	0
V-21 Textile Industries Machinery	13	8	35	0	66	1,030	1,023	109	0
V-22 Pulp & Paper Industry Machinery	6	4	5	0	11	370	366	5	0

Notes: * Estimated
 † Original U.S. Fourth Protocol offerings adjusted as indicated by U.S.S.R. to conform with shipping possibilities and reasonable stocks exclusive of quantities to be supplied in Annex III.
 ‡ Made available from production or by assignment after deduction of quantities repossessed or diverted before export. Includes purchases for cash.
 § Quantities exported have arrived in U.S.S.R. or Persian Gulf ports or are enroute except for quantities shown as lost or diverted.
 ¶ Foodstuffs considered made available as shipped.
 † The offering for V-4 includes offering under category V-49, Mining and quarrying machinery
 ‡ Includes offering for category V-16B, Secondary Distribution Equipment, other.

Item	Fourth Protocol Program Performance			Exported		Total Aid - Four Protocols October 1, 1941 to Jan. 31, 1945			
	Adjusted Program a	Program to 1/31/45	Made Available to 1/31/45 b	During Jan. 1945	7/1/44 to 1/31/45	Made Available b	Exported c	Lost Enroute	Diverted Enroute
V INDUSTRIAL MACHINERY AND EQUIPMENT (1000)									
V-23 Printing Trades Machinery & Equip.	7	5	7	0	7	51	51	0	0
V-24A Tire Plant	0	0	994	28	994	8,251	8,251	5	0
V-24B Rubber Working Machinery	0	0	113	82	83	118	111	0	0
V-25 Woodworking Machinery	309	181	173	22	410	857	783	12	0
V-26 Metal Melting & Heating Furnaces	5,140	2,999	11,366	453	8,565	27,151	22,444	625	0
V-27 Blast and Reverberatory Furnaces	4,743	2,767	3,301	402	3,965	4,978	4,632	0	0
V-28 Foundry Equipment	1,544	901	591	61	726	1,567	1,432	15	0
V-29 Spec. Ind. Furnaces, Kilns & Ovens	2,047	1,183	2,057	226	1,784	2,151	1,789	0	0
V-30A Petroleum Refinery Plants	29,000	16,917	2,964	183	536	51,706	43,994	263	0
V-30B Petroleum Refinery Machy. & Equip.	25	15	32	0	26	229	146	0	0
V-31 Spec. Machinery for Glass Industry	1,357	792	458	20	20	708	218	0	0
V-32 Spec. Machy. for Chemical Mfg. Ind.	511	300	366	201	408	1,121	1,060	0	0
V-33 Gas Generating, Producing and Conditioning Apparatus	6,548	3,820	4,160	1,714	7,891	12,964	11,540	0	0
V-34A Misc. Spec. Ind. Machines	997	582	1,141	1,105	3,266	6,432	6,392	5	0
V-34B Cartridge Manufacturing Lines	0	0	1,032*	28	3,164	30,450*	30,109	110	0
V-35 Machine Tools	30,000	17,500	20,000	3,228	40,638	295,000*	286,744	8,411	0
V-36 Rolling Mills and Auxiliary Equip.	12,176	7,101	11,466	2,760	12,775	24,156	17,744	0	1
V-37 Drawing Machines	950	555	1,164	8	1,953	2,281	2,156	0	0
V-38 Other Primary Metal Forming Machy.	0	0	0	0	0	304	304	0	0
V-39 Secondary Metal Forming Machinery and Equipment	15,500	9,042	9,200*	1,353	24,090	65,200*	62,476	988	27
V-40A Welding Machines, Marine	0	0	1,793	488	1,828	6,677	6,492	57	0
V-40B Welding Machines, Other	4,583	2,674	838	114	1,215	2,512	2,426	25	0
V-41 Testing & Measuring Machines	1,435	1,071	0	0	0	109	109	8	0
V-42 Misc. Metal Working Equip.	0	0	0	0	0	0	0	0	0
V-43A Portable Metal Working Machines, Understar	143	84	358	21	438	2,805	2,781	4	0
V-43B Portable Metal Working Machines, Other	477	279	2,202	299	2,243	5,668	5,099	11	0
V-44A Cemented Carbide Cutting Tools	1,350	788	6,209	818	6,515	32,687	31,257	55	0
V-44B Metal Cutting Tools, Other	10,962	6,395	23	0	23	35	23	0	0
V-45 Cutting and Forming Tools for Machines	13	8	1,182	173	1,296	3,494	3,042	0	0
V-46 Attach. & Access. for Machine Tools	2,342	1,370	53	0	1	76	1	0	0
V-47 Tool Room. Spec. Attach. & Access.	4	3	118	13	270	685	679	0	0
V-48 Agri. Machy. & Implements except Tractors	190	111	632	21	403	1,365	899	0	0
V-49 Mining and Quarrying Machinery	See V-4		72	2,939	8,114	8,094	145	0	0
V-50 Earth & Rock Boring & Drilling Machinery and Accessories	2,013	1,175	62	54	1,087	6,666	6,359	0	0
V-51 Well & Blast Hole Drilling Machinery	2,180	1,272	9,833	1,234	10,094	29,491	27,693	362	1,005
V-52 Excavating and Grading Machinery	14,690	8,095	4	0	22	1,015	795	0	0
V-53 Misc. Construction Equipment	0	0	6	3	6	60	60	0	0
V-54 Office Machines	0	0	215	8	423	1,329	1,165	2	0
V-55 Miscellaneous Machinery	255	149	1,028	36	1,222	2,268	2,178	6	0
V-58B Teletype Apparatus	2,196	633	3,355	599	2,237	18,894	17,310	1,754	26
V-58C1 Field Telephones	5,000	2,084	71,727	(12,050)	(48,563)	(409,569)	(374,100)	(37,328)	(0)
V-58C2 Other Telephone & Telegraph Equip.	(100,000)	(41,667)	1,732	732	3,181	11,321	11,321	48	0
V-58D Sound Equipment	43	26	36	10	26	525	513	-	0
V-58E Automatic Block Signal Equipment	2,809	1,639	4,670	463	8,256	10,700	10,335	0	0
V-59A Industrial Type Locomotives, Rail Cars & Parts	3,293	2,203	131	1	249	1,467	1,323	26	0
V-59B Mine Type Locomotives, Rail Cars & Parts	885	517	22	0	66	139	139	0	0
V-60 Passenger Vehicles & Parts	190	164	335	15	322	530	495	3	0
V-61 Airconditioning & Refrigeration Equip.	1,005	681	274	-	194	316	236	0	0
V-62A Lighting Fixtures, Marine	644	376	408	9	408	817	817	0	0
V-62B Lighting Fixtures, Other	94	55	133	-	133	386	386	33	0
V-63 Photographic Equipment	36	21	59	1	55	1,865	1,600	75	0
V-64A Optical, Indicating, Recording and Control Instruments	2,035	1,188	1,853	288	1,908	5,621	4,892	52	0
V-64B Navigation Instruments	6	4	263	23	263	310	310	0	0
V-65 Professional & Scientific Instruments	928	542	283	48	285	1,273	1,159	38	0
V-66 Misc. Equipment	0	0	9	0	23	440	404	34	0
V-67 Hand Tools - Non-powered	867	506	433	38	392	2,712	2,455	17	0
V-68 Mechanics Measuring Tools	3,032	1,769	1,075*	66	1,130	3,050*	3,035	1	0
V-69A1 Boilers, Marine	81	48	49	2	49	68	68	0	0
V-69B Power Boilers, Industrial	7,000	4,084	6,653	235	4,708	15,942	9,953	0	0
V-70 Agri. Tractors, except Track-laying	0	0	1,475	777	1,475	1,475	1,475	0	0
Total Machinery and Equipment	370,715 d	213,281	234,494	30,411	307,145	1,019,092	960,554	16,644	1,085

Notes: * Estimated

a Original U.S. Fourth Protocol offerings adjusted as indicated by U.S.S.R. to conform with shipping possibilities and reasonable stocks exclusive of quantities to be supplied in Annex III.

b Made available from production or by assignment after deduction of quantities repossessed or diverted before export. Includes purchases for cash.

c Quantities exported have arrived in U.S.S.R. or Persian Gulf ports or are enroute except for quantities shown as lost or diverted.

d Total guaranteed for delivery on or before June 30, 1945. An additional amount of \$279,931,000 may be placed in production before June 30, 1945 without guarantee of delivery within a specified period. In addition, equipment valued at \$481,807,000 may be placed in production upon execution of an agreement supplementary to the U.S.S.R. Master Lend-Lease Agreement.

Item	Fourth Protocol Program-Performance			Exported		Total Aid - Four Protocols October 1, 1941 to Jan. 31, 1945			
	Adjusted Program a	Program to 1/31/45	Made Available to 1/31/45 b	During Jan. 1945	7/1/44 to 1/31/45	Made Available b	Exported c	Lost Enroute	Diverted Enroute
VI MATERIALS AND PRODUCTS									
Steel (tons)									
VI-1-10 Bimetal	24,000	14,000	11,473	1,897	11,774	43,299	41,278	1,060	0
VI-1-14 Armor Plate	0	0	0	0	0	3,951	3,951	2,897	167
VI-1-16 Polished Drill Rods	480	281	233	73	229	776	686	2	0
VI-1-17 High Speed Tool Steel	6,700	3,909	3,539	959	3,449	13,286	12,610	554	22
VI-1-18 Tool Steel	18,280	10,665	11,839	1,553	10,706	41,013	38,021	1,250	24
VI-1-19 Cold Finished Bars	53,000	30,918	32,234	5,279	29,841	163,830	149,299	7,407	671
VI-1-20 H. R. Aircraft Steel	70,000	40,834	43,691	4,893	37,021	215,223	202,189	4,983	0
VI-1-21 Cr. St. Un. Billets	15,000	8,750	16,251	2,844	23,981	112,549	107,765	9,705	509
VI-1-22 Cold Rolled Sheets	17,000	9,217	16,365	2,106	9,660	102,998	92,714	29,652	1,709
VI-1-22A Cold Rolled Strip	9,000	5,250	6,697	1,326	7,654	26,546	20,593	11,796	798
VI-1-23 Stainless Steel	4,000	2,334	2,525	399	4,594	12,329	12,004	93	0
VI-1-24 Tinsplate	50,000	29,167	46,797	5,290	31,030	151,866	141,974	11,274	2,871
VI-1-25 Steel Wire	33,600	19,604	25,057	4,141	24,149	114,654	111,261	6,109	673
VI-1-26 Wire Rope	10,000	5,834	5,539	665	6,000	33,447	32,496	818	0
VI-1-27 Steel Alloy Tubes	20,210	11,675	12,148	877	26,831	63,623	57,484	336	53
VI-1-31 Barbed Wire and Staples	2,000	1,167	715	63	454	3,582	3,502	94	13
VI-1-32 Pipe and Tubing	75,352	43,954	45,597	4,669	54,607	211,463	170,315	16,301	1,654
VI-1-33 H.R. Sheets and Plates	125,000	7,919	11,579	11,001	113,310	352,403	323,403	19,372	2,357
VI-1-34 Wire Nails and Packs	6,000	3,500	4,411	864	5,836	14,322	12,934	43	0
VI-1-101 H.R. Nails & Accessories	300,000	170,000	216,565	10,679	153,648	537,476	509,530	24,354	1,451
VI-1-102 Mounted Sets, Wheels & Axles	0	0	0	0	202	24,707	24,350	90	0
VI-1-103 Car Axles	0	0	0	0	0	36,506	35,554	1,367	0
VI-1-104 Locomotive Car Wheel Tires	20,000	11,667	11,743	787	8,176	34,672	29,944	53	0
VI-1-105 Rolled Steel Car Wheels	0	0	3,308	0	5,152	22,571	22,020	98	0
VI-1-107 Locomotive Axles	0	0	0	0	0	252	252	0	0
VI-1-108 Electric Locomotive Axles	0	0	0	0	0	300	222	0	0
Total Steel	859,422	501,349	607,486	64,983	577,144	2,500,657	2,276,050	158,511	13,269

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

	July 1944 to January 1945	October 1941 to January 1945		July 1944 to January 1945	October 1941 to January 1945
VI-1-19 Cold Finished Bars	(-167)	893	VI-1-26 Wire Rope	85	515
VI-1-20 H.R. Aircraft Steel	0	484	VI-1-31 Barbed Wire & Strip	626	17,754
VI-1-21 Cr. St. Un. Billets	(-1369)	17,733	VI-1-32 Pipe and Tubing	777	60,985
VI-1-22 Cold Rolled Sheets	33	3,375	VI-1-33 H.R. Sheets & Plates	0	17,396
VI-1-22A Cold Rolled Strip	(-1,156)	17,558			
VI-1-23 Steel Wire	(-2,915)	29,445	Total Released (tons)	(-2,996)	175,836

Ferro Alloys (tons)									
VI-2A Ferro-Silicon	0	0	0	0	168	8,241	8,246	1,050	18
VI-2B Ferro-Chromium	0	0	0	0	57	4,197	4,197	494	0
VI-2C Ferro-Phosphorus	0	0	0	0	0	4	4	0	0
VI-2D Ferro-Vanadium	200	117	333	0	332	558	558	0	0
VI-2E Ferro-Tungsten	560	327	409	170	852	1,442	1,442	0	0
VI-2F Ferro-Molybdenum	1,200	700	1,275	150	1,284	2,416	2,356	0	0
VI-2G Manganese Metal	0	0	0	0	0	11	11	0	0
VI-2H Other Ferro-Alloys	0	0	100	0	100	100	100	0	0
Total Ferro Alloys	1,960	1,144	2,577	320	1,792	17,069	16,897	1,544	28
Non-Ferrous Metals (tons)									
VI-3A1 Copper Electrolytic	0	0	2,450	0	2,450	17,943	17,941	0	0
VI-3A2 Copper Tubes, etc.	5,000	2,917	3,516	736	7,152	34,987	34,850	1,194	62
VI-3A3 Copper Base Alloys	80,000	46,667	61,536	8,334	76,113	337,251	330,131	17,014	125
VI-3A4 Bare Copper Cable and Wire	19,000	11,084	13,275	2,415	12,850	19,914	18,594	0	0
VI-3B1 Aluminum Ingots and Wire Bars	87,200	50,867	11,594	773	20,929	74,459	74,214	5,294	14
VI-3B2 Fabricated Aluminum									
VI-3B3 Aluminum Foil	4,000	2,334	3,360	0	3,475	9,412	9,060	0	0
VI-3C Magnesium	5,480	3,197	3,739	456	4,397	14,861	15,511	828	0
VI-3E2 Monel Scrap	0	0	0	0	0	415	413	0	0
VI-3E3 Nichrome Wire and Strip	538	314	303	1	236	1,542	1,458	115	0
VI-3E4 Other Nichrome Basic Shapes									
VI-3E5 Nickel Foil	0	0	0	0	0	5	5	0	0
VI-3E6 Other Pure Nickel Shapes	28	17	27	1	26	287	273	13	0
VI-3E1 Tin	1	0	1	0	0	11	11	0	0
VI-3E2 Tin Foil	0	0	0	0	0	53	53	4	0
VI-3E3 Babbitt	0	0	45	0	126	243	242	2	0
VI-3F Zinc	0	0	9,334	0	1,876	57,342	57,148	2,323	0
VI-3G Lead	20,300	11,667	20,576	0	20,014	20,619	20,057	0	0
VI-3H1 Cadmium	224	131	179	25	179	493	493	0	0
VI-3H2 Cerium	0	0	0	0	0	18	18	0	0
VI-3H3 Cobalt	90	53	90	0	90	378	345	0	0
VI-3H4 Mercury	0	0	0	0	0	895	895	0	0
VI-3H5 Sodium	0	0	0	0	50	1,494	1,494	258	0
VI-3H9 Misc. Non-Ferrous Metals	0	0	88	1	91	100	100	0	0
Total Non-Ferrous Metals	221,551	129,248	213,874	12,950	239,667	785,467	774,064	28,141	201

Notes: All tons are 2000 lbs. net weight.

- a Original U.S. Fourth Protocol offerings adjusted as indicated by U.S.S.R. to conform with shipping possibilities and reasonable stocks exclusive of quantities to be supplied in Annex III.
- b Made available from production or by assignment after deduction of quantities repossessed or diverted before export. Includes purchases for cash.
- c Quantities exported have arrived in U.S.S.R. or Persian Gulf ports or are enroute except for quantities shown as lost or diverted.

Item	Fourth Protocol Program Performance			Exported		Total Aid - Four Protocols October 1, 1941 to Jan. 31, 1945			
	Adjusted Program a	Program to 1/31/45	Made Available to 1/31/45 b	During Jan. 1945	7/1/44 to 1/31/45	Made Available b	Exported c	Lost Enroute	Diverted Enroute
VI MATERIALS AND PRODUCTS (cont.)									
Other Metals and Products									
VI-4A Molybdenum Concentrates (tons)	4,480	2,614	4,059	646	3,625	16,242	15,938	1,430	0
VI-4B Misc. Metallic Ores, Tailings Concentrates (tons)	0	0	0	0	0	3	3	0	0
VI-5 Pig Iron (tons)	0	0	0	0	3,726	8,188	7,990	0	0
VI-6A1 Marine Cable (miles)	See VI-6A4		624	118	677	2,306	2,042	129	0
VI-6A2 Submarine Cable (miles)	See VI-6A4		249	61	217	1,088	1,050	50	0
VI-6A3 Field Telephone Wire (miles)	186,000	-	99,934	8,506	99,353	**	1,033,369	129,120	197
VI-6A4 Other Insulated Wire and Cable (\$1000)	120,000	7,000	11,828	1,550	12,641	56,740	52,137	816	0
VI-6A5 Copper Magnet Wire (\$1000)	See VI-6G		21	9	21	132	132	0	0
VI-6B1 Wire Cloth and Screen (\$1000)	385	225	348	40	658	2,081	2,078	7	0
VI-6B2 Wire Netting and Fencing (tons)	450	263	428	83	448	706	706	0	0
VI-6C Fab. Structural Iron & Steel (tons)	1,237	722	1,208	0	2,415	4,198	4,152	0	0
VI-6D Chains and Attachments (tons)	4,280	2,497	**	290	3,039	**	4,846	0	0
VI-6E Bolts, Nuts, Screws, Washers, Rivets, etc. (tons)	8,000	4,667	2,586	247	3,208	7,816	5,735	0	0
VI-6F Other Fab. Metal Basic Products (\$1000)	27	16	28	0	28	170	167	0	0
VI-6G Special Fine Wires, Strips, etc. (tons)	386	226	169	38	158	564	518	4	0
VI-6H Sucker Rods (tons)	4,000	2,334	283	0	283	1,355	1,355	0	0
VI-7A Anchors (tons)	1,002	1,168	469	20	469	817	817	0	0
VI-7B Other Metal End Products (\$1000)	136	80	6	97	220	1,367	991	6	0
VI-8 Coal, Crude Petroleum, etc. (tons)	0	0	7	0	7	7	7	0	0
Petroleum Products & Additives (tons)									
VI-9A Aviation Gas over 99 Octane	100,000	58,334	215,462	11,312	215,462	367,689	367,689	0	37,649
VI-9B Aviation Gas 87 thru 99 Octane	See VI-9K		0	0	0	81,645	81,645	2,069	24,465
VI-9C Aviation Gas 87 Octane and Under	See VI-9K		0	0	0	1,976	1,976	0	0
VI-9D Automotive Gas	See VI-9K		24,961	1,849	24,961	108,012	108,012	0	11,582
VI-9E Gasoline Blending Agents	300,000	175,000	218,561	39,691	218,561	638,113	638,113	17,716	12,373
VI-9F Kerosene	See VI-9K		2,101	0	2,101	10,047	10,047	0	0
VI-9G Fuel Oils	See VI-9K		24,713	112	24,713	102,026	102,026	0	0
VI-9H Lubricating Oils & Greases	25,000	14,584	32,191	95	32,191	66,822	66,822	1,678	0
VI-9I Petroleum Waxes	See VI-9K		765	0	765	6,399	6,399	204	199
VI-9J Chemical Additives	1,000	584	877	97	877	5,230	5,230	0	81
VI-9K Other	76,000	43,167	115	0	115	196	196	-	0
Sub-total	500,000	291,669	519,746	53,156	519,746	1,384,155	1,388,155	21,147	86,449
From U.K. for U.S. Account (Replacement to U.K. from U.S.)									
Aviation Gas over 99 Octane	-	-	7,648	0	7,648	53,285	53,285	0	0
Aviation Gas 87 thru 99 Octane	-	-	0	0	0	14,719	14,719	0	0
Tot-1	500,000	291,669	527,394	53,156	527,394	1,456,159	1,456,159	21,187	86,449
From Russian for U.S. Account (Replacement to British from U.S.)									
Aviation Gas over 99 Octane	300,000	175,000	233,650	36,499	233,650	392,373	392,373	-	-
Gasoline Blending Agents			45,705	5,627	45,705	73,323	73,323	-	-
Chemicals									
Basic Inorganic (tons)									
VI-10A1 Ammonium Chloride	0	0	(-)2,249	0	0	768	766	0	0
VI-10A2 Ammonium Nitrate	0	0	0	0	0	3,394	3,394	111	0
VI-10A3 Ammonium Sulphocyanide	0	0	0	0	0	3	3	0	0
VI-10A4 Barium Peroxide	0	0	0	0	0	131	131	0	0
VI-10A5 Boric Acid	0	0	0	0	140	1,243	1,243	168	0
VI-10A6 Calcium Carbide	124	73	125	0	129	736	609	0	0
VI-10A7 Calcium Chloride	45	27	45	0	40	857	855	0	0
VI-10A8 Caustic Soda	30,000	17,500	14,949	3,344	19,575	84,667	82,632	707	0

Notes: All tons are 2000 lbs. net weight.

a Data not available.

b Original U.S. Fourth Protocol offerings adjusted as indicated by U.S.S.R. to conform with shipping possibilities and reasonable stocks exclusive of quantities to be supplied in Annex III.

c Made available from production or by assignment after deduction of quantities repossessed or diverted before export. Includes purchases for cash.

d Quantities exported have arrived in U.S.S.R. or Persian Gulf ports or are enroute except for quantities shown as lost or diverted.

e Includes offering for VI-6A1 and A2. Quantity shown represents copper content.

f Includes offering under VI-6A5.

g Includes offering under categories VI-9B,C,D,F,G and I.

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

2 1972

Item	Fourth Protocol Program Performance			Exported		Total Aid - Four Protocols October 1, 1941 to Jan. 31, 1945			
	Adjusted Program a	Program to 1/31/45	Made Available to 1/31/45 b	During Jan. 1945	7/1/44 to 1/31/45	Made Available b	Exported c	Lost Enroute	Diverted Enroute
VI MATERIALS AND PRODUCTS (cont.)									
Chemicals									
Basic Inorganic (cont.) (tons)									
VI-10A9 Phosphorus	175	103	(-161)	0	0	2,689	2,555	485	0
VI-10A10 Potassium Carbonate	56	33	56	0	56	784	784	0	0
VI-10A11 Potassium Chlorate	0	0	0	0	0	1,344	901	0	0
VI-10A12 Potassium Dichromate	1,500	875	371	61	233	1,243	1,071	0	0
VI-10A13 Potassium Nitrate	0	0	(-370)	0	12	2,190	2,190	0	0
VI-10A14 Potassium Sulphate	0	0	0	0	0	580	580	0	45
VI-10A15 Potassium Tetraoxide	350	205	175	29	205	625	625	11	0
VI-10A16 Soda Ash	0	0	0	0	326	2,191	2,190	0	0
VI-10A17 Sodium Cyanide	900	525	454	100	570	983	930	0	0
VI-10A18 Sodium Bromide	0	0	(-327)	0	0	1,812	1,812	334	43
VI-10A19 Thorium Nitrate	0	0	0	0	0	12	12	6	0
VI-10A20 Sodium Dichromate	See VI-10A12	227	227	70	226	1,364	1,289	55	0
VI-10A99 Misc. Inorganic Chemicals	607	355	835	-	758	2,036	1,812	17	0
Basic Organic (tons)									
VI-10B1 Acetone	6,000	3,500	3,380	280	4,444	10,577	10,221	671	0
VI-10B2 Aniline Oil	0	0	0	0	0	3,521	3,521	927	16
VI-10B3 Anthracene	0	0	0	0	0	9	9	0	0
VI-10B4 Butyl Acetate	4,000	2,334	2,229	299	2,201	4,553	4,030	97	0
VI-10B5 Butyl Alcohol	6,000	3,500	2,533	155	2,951	5,656	5,579	103	0
VI-10B6 Camphor	800	467	766	75	557	1,097	887	0	0
VI-10B7 Casein	1,700	992	1,700	0	1,972	3,944	3,919	0	0
VI-10B8 Citric Acid	0	0	4	0	3	1,100	1,100	56	0
VI-10B9 Cresols	0	0	0	0	130	441	422	61	0
VI-10B10 Dibutyl Phthalate	1,500	875	976	198	938	6,683	5,806	859	70
VI-10B11 Diethylene Glycol	0	0	1,570	257	1,247	2,122	1,773	0	0
VI-10B12 Dimethyl Aniline	0	0	0	0	0	2,510	2,301	420	0
VI-10B13 Diphenylamine	0	0	0	0	0	2,080	1,489	256	0
VI-10B14 Diphenylguanidine	64	38	76	0	107	456	444	0	0
VI-10B15 Ethyl Acetate	5,000	2,917	2,364	317	2,571	4,180	3,887	0	0
VI-10B16 Ethyl Alcohol from U.S. Ethyl Alcohol from U.K. for U.S. Account. (Replacement to U.K. from U.S.)	180,000	105,000	129,912	10,724	129,912	291,436	291,436	159	0
VI-10B17 Ethylene Chlorohydrine	0	0	0	0	0	232	232	0	0
VI-10B18 Ethylene Dibromide	0	0	0	0	0	2,065	2,042	0	0
VI-10B19 Ethylene Glycol	4,000	2,334	3,997	0	4,009	12,741	12,674	189	0
VI-10B20 Formaldehyde	0	0	0	0	0	560	494	62	0
VI-10B21 Furfural	820	479	532	100	532	832	832	0	0
VI-10B22 Glycerine from U.S. Glycerine, Lend-Lease Re transferred from U.K.	4,400	2,567	3,483	367	3,661	15,329	14,341	301	0
VI-10B23 Hexamine (Urotropine)	600	350	360	0	688	5,478	5,478	0	0
VI-10B24 Methanol	12,000	7,000	6,407	0	4,109	14,312	12,933	357	195
VI-10B25 Napthenic Acid	0	0	0	0	473	25,333	22,660	3,242	371
VI-10B26 Phenol	12,000	7,000	4,544	671	8,913	34,478	33,967	1,732	171
VI-10B27 Potassium Butyl Xanthogenate	1,350	788	675	150	917	2,204	2,173	56	0
VI-10B28 Resorcin	0	0	0	0	0	120	111	0	0
VI-10B29 Rhodamine	0	0	0	0	0	6	6	0	0
VI-10B30 Saccharin	372	217	226	17	234	604	597	18	0
VI-10B31 Strontium Oxalate	0	0	0	0	0	96	88	4	0
VI-10B32 Toluol	39,574	23,085	39,229	0	39,229	102,354	102,354	3,193	359
VI-10B33 Trichlorethylene	0	0	0	0	0	252	252	0	0
VI-10B34 Paraphenitidin and Paranitrochlorobenzol	158	93	174	0	107	598	531	0	0
VI-10B99 Misc. Organic Chemicals	878	513	1,729	217	1,648	4,519	3,936	25	0
Gases									
VI-10C Gases, Compressed & Liquified (\$1000)	(9)	(6)	(65)	(0)	(65)	(80)	(80)	(0)	(0)
Paints, Pigments, etc. (tons)									
VI-10D1 Paints, Varnishes, Lacquers, etc.	562	328	1,000	0	688	1,878	1,316	0	0
VI-10D2 Carbon & Lamp Black	2,240	1,307	2,044	91	2,029	4,513	4,475	0	0
VI-10D3 Other Pigments	406	237	438	103	1,483	2,953	2,654	53	0
VI-10D9 Dryers, etc.	0	0	-	0	-	-	-	0	0
VI-10E Fertilizers	0	0	0	0	0	0	0	0	0
VI-10F Insecticides	23	14	0	0	0	0	0	0	0
Plastics									
VI-10G1 Phenol Formaldehyde Resins	0	0	5	0	0	1,223	1,188	79	0
VI-10G2 Vulcanized Fibre	1,000	584	300	168	365	4,857	4,740	496	3
VI-10G3 Cellulose Film Base	677	396	105	0	60	495	450	0	0
VI-10G9 Other Plastics	13	8	434	108	335	509	417	0	0

Notes: All tons are 2000 lbs. net weight.
a Original U.S. Fourth Protocol offerings adjusted as indicated by U.S.S.R. to conform with shipping possibilities and reasonable stocks exclusive of quantities to be supplied in Annex III.
b Made available from production or by assignment after deduction of quantities repossessed or diverted before export. Includes purchases for cash.
c Quantities exported have arrived in U.S.S.R. or Persian Gulf ports or are enroute except for quantities shown as lost or diverted.

Item	Fourth Protocol Program Performance			Exported		Total Aid - Four Protocols October 1, 1941 to Jan. 31, 1945			
	Adjusted Program a	Program to 1/31/45	Made Available to 1/31/45 b	During Jan. 1945	7/1/44 to 1/31/45	Made Available b	Exported c	Lost Enroute	Diverted Enroute
VI MATERIALS AND PRODUCTS (cont.)									
Misc. Chemicals Including Industrial (tons)									
VI-10H1 Ammonia Rubber Paste	216	126	201	0	201	677	677	0	0
VI-10H2 Ethyl Centralite	350	205	214	99	312	2,016	1,925	0	0
VI-10H3 Boiler Compounds	51	30	101	0	367	1,545	1,477	0	0
VI-10H4 Misc. Flotation Reagents	400	234	66	42	107	546	546	22	0
VI-10H5 Twitchell Reagents	0	0	0	0	181	800	800	0	0
VI-10H6 Photogelatin	250	146	99	0	76	250	196	0	0
VI-10H99 Other Chemicals	435	254	380	19	455	946	901	44	0
Total Chemicals	321,996	187,614	226,883	18,021	240,482	776,106	701,419	15,378	1,273

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

	July 1, 1944- Jan. 31, 1945		Oct. 1, 1941- Jan. 31, 1945			July 1, 1944- Jan. 31, 1945		Oct. 1, 1941- Jan. 31, 1945	
	(short tons)	(short tons)	(short tons)	(short tons)		(short tons)	(short tons)		
VI-10A1 Ammonium Chloride	2,249	4,077			VI-10B14 Diphenylguanidine	0		13	
VI-10A2 Ammonium Nitrate	0	2,406			VI-10B18 Ethylene Dibromide	0		2,550	
VI-10A4 Barium Peroxide	0	201			VI-10B19 Ethylene Glycol	96		103	
VI-10A9 Phosphorus	212	1,239			VI-10B22 Glycerin	207		207	
VI-10A13 Potassium Nitrate	371	1,422			VI-10B24 Methanol	99		72	
VI-10A11 Potassium Sulphate	0	1,246			VI-10B26 Phenol	534		534	
VI-10A18 Sodium Bromide	326	1,091			VI-10B32 Toluol	313		10,404	
VI-10A99 Potassium Permanganate	0	11			VI-10B99 Miscellaneous	0		7	
VI-10B2 Aniline Oil	0	2,207			VI-10H2 Ethyl Centralite	0		20	
VI-10B12 Dimethylaniline	160	160			Total Chemicals Released	4,567		28,619	

Textiles									
VI-11A Cotton Cloth (1000 yds.)	25,084	14,633	14,392	3,068	23,337	106,172	101,549	2,662	0
VI-11B Woolen Cloth (1000 yds.)	20,712	12,082	13,820	2,137	15,699	53,895	53,163	1,219	0
VI-11C Webbing (1000 yds.)	0	0	200	0	23,562	61,490	58,616	2,427	0
VI-11D Tarpsulin (1000 yds.)	3,000	1,750	949	0	2,081	12,802	12,179	74	0
VI-11E Other Cloth (1000 yds.)	0	0	0	0	0	0	0	0	0
VI-11F Cordage and Twine (tons)	8,000	4,667	7,191	1,614	7,083	14,383	14,072	90	0
VI-11G Other Basic Textiles (\$1000)	1,493	872	1,953	18	1,786	4,637	4,084	0	0
VI-12A Fish Nets (tons)	386	226	409	77	577	1,209	1,067	0	0
VI-12B Other Textile Products (\$1000)	56	33	1,831	265	3,071	7,847	7,847	206	0
Leather									
VI-13 Leather (tons)	11,963	6,979	6,303	1,697	6,471	51,754	48,049	4,756	469
VI-14 Leather Products (\$1000)	9	6	217	6	282	350	312	0	0
Rubber									
VI-15 Crude Rubber (tons)	1684	98	269	0	269	269	269	0	0
VI-16A Vistanex (tons)	4104	240	381	0	356	1,068	1,004	28	0
VI-16B Other Synthetic Rubber (tons)	1124	66	115	1	113	115	113	0	0
VI-17A Shock Absorber Cord (1000 yds.)	0	0	0	0	0	230	171	5	0
VI-17B Other Rubber Materials (\$1000)	5064	296	487	37	733	4,355	4,265	68	0
VI-18A Tires (1000 units)		Not Guaranteed	686	81	662	3,329	3,286	98	61
VI-18B Tubes (1000 units)		Not Guaranteed	663	69	662	3,415	3,241	95	63
VI-18B Rubber Hoses (\$1000)	1,532	894	1,599	272	1,732	7,672	7,245	155	0
VI-18C Other Rubber Products (\$1000)	15,320	8,937	4,949	531	5,505	18,549	17,901	174	0
Except Apparel									
Footwear									
VI-19A Army Boots (1000 prs.)	5,000	2,917	3,511	614	3,811	12,831	12,792	570	6
VI-19B Ski Boots (1000 prs.)	0	0	0	0	41	225	225	0	0
VI-19C Rubber Boots and Shoes (\$1000)	125	74	154	19	286	1,216	1,216	0	0
VI-19D Other Boots and Shoes (\$1000)	952	556	2,221	7	2,221	4,133	4,133	14	0

Notes: All tons are 2000 lbs. net weight.
a Original U.S. Fourth Protocol offerings adjusted as indicated by U.S.S.R. to conform with shipping possibilities and reasonable stocks exclusive of quantities to be supplied in Annex III.
b Made available from production or by assignment after deduction of quantities repossessed or diverted before export. Includes purchases for cash.
c Quantities exported have arrived in U.S.S.R. or Persian Gulf ports or are enroute except for quantities shown as lost or diverted.
d Additional quantities included in offering under category VI-18C.

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

Item	Fourth Protocol Program Performance			Exported		Total Aid - Four Protocols October 1, 1941 to Jan. 31, 1945			
	Adjusted Program a	Program to 1/31/45	Wade Available to 1/31/45 b	During Jan. 1945	7/1/44 to 1/31/45	Wade Available b	Exported c	Lost En Route	Diverted En Route
<u>VI MATERIALS AND PRODUCTS (cont.)</u>									
<u>Apparel Except Footwear</u>									
VI-20A Leather Jackets (1000 units)	20	12	21	**	**	196	**	**	**
VI-20B Leather Belts (1000 units)	42	25	102	0	295	2,738	2,725	193	0
VI-20C Misc. Leather Apparel (\$1000)	121	71	123	**	**	123	**	**	**
VI-20D Rubber Apparel (\$1000)	27 d	16	23	**	**	23	**	**	**
VI-20E Other Apparel (\$1000)	496	290	776	172	2,728	13,303	13,249	70	0
<u>Abrasive</u>									
VI-21A Abrasive Grain (tons)	8,700	5,075	6,982	1,781	5,535	17,246	14,790	91	0
VI-21B Abrasive Products (\$1000)	6,000	3,500	4,767	1,119	3,736	15,126	14,126	958	33
<u>Carbon and Graphite</u>									
VI-22A Graphite Powder (tons)	1,913	1,117	1,171	0	505	4,155	2,941	201	0
VI-22B Graphite & Carbon Electrodes (tons)	6,350	3,705	3,055	378	3,779	19,018	18,340	1,470	25
VI-22C Other Graphite Matl. (\$1000)	590	321	244	y	368	1,653	1,653	100	0
<u>Paper and Products</u>									
VI-23A Parchment Paper (tons)	1,680	980	325	0	418	2,933	2,948	0	0
VI-23B Map Paper (tons)	3,000	1,750	3,542	204	3,627	7,039	7,039	265	0
VI-23C Cigarette Paper (tons)	0	0	0	0	128	1,054	1,054	68	0
VI-23D Condenser Paper (tons)	150	88	107	29	86	371	341	0	0
VI-23E Other Pulp, Paper, etc. (tons)	4,713	2,750	303	**	**	409	**	**	**
VI-24 Paper Products (\$1000)	12	7	12	**	**	53	**	**	**
<u>Photographic Material</u>									
VI-25A1 Photographic Film & Paper (\$1000)	24	14	406	367	414	815	815	0	0
VI-25A2 Reproduction Paper Stock (tons)	824	481	170	46	108	170	108	0	0
VI-25B Finished Pictures (\$1000)	0	0	6	-	6	6	6	0	0
VI-25C Misc. Photographic Matl. (\$1000)	0	0	0	0	0	0	0	0	0
<u>Asbestos</u>									
VI-26A Asbestos (tons)	0	0	0	0	0	0	0	0	0
VI-26B Asbestos Material (\$1000)	100	59	144	16	89	351	289	4	0
<u>Other</u>									
VI-27 Buttons (\$1000)	357	209	629	92	940	1,641	1,641	49	0
VI-27 Other Crude Material (\$1000)	0	0	5	**	**	5	**	**	**
VI-28 Other Basic Material (\$1000)	21	13	33	12	57	113	111	0	0
VI-29 Other End Products (\$1000)	10	10	117	-	117	630	630	56	0

Notes: All tons are 2000 lbs. net weight.

** Date not available.

a Original U.S. Fourth Protocol offerings adjusted as indicated by U.S.S.R. to conform with shipping possibilities and reasonable stocks exclusive of quantities to be supplied in Annex III.

b Made available from production or by assignment after deduction of quantities repossessed or diverted before export. Includes purchases for cash.

c Quantities exported have arrived in U.S.S.R. or Persian Gulf ports or are enroute except for quantities shown as lost or diverted.

d Additional quantities included in offering under category VI-18C.

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

PSF

WAR FOOD ADMINISTRATION
WASHINGTON 25



MARVIN JONES
ADMINISTRATOR

L. F. Lend Lease

March 22, 1945

~~CONFIDENTIAL~~
The President
The White House

Dear Mr. President:

Tentative figures reported for February show lend-lease shipments of agricultural commodities to the USSR totalling 123,000 net short tons, as compared with 80,000 tons for January and against the monthly Protocol requirement of 130,000 net short tons. The tentative figure indicated for January, 71,000 tons, has been increased to 80,000 tons, due to the receipt of additional information. The most important increases in the revised January figure are noted in the Wheat, Flour and Cereal and Animal Fats and Cured Meat categories.

The delivery of 44,000 tons of sugar was the largest total of any commodity shipped during the month of February inasmuch as three boats were loaded in Cuba. This is an increase of more than 26,000 tons over January and 26,000 tons more than the monthly requirement; however, the cumulative deliveries are not in excess of the cumulative requirements. Of the sugar delivered 14,000 tons were in the form of cube sugar, required for operational theatres. Canned Meat deliveries totalled 19,000 tons, 3,000 tons more than January, but 10,000 tons less than the average monthly Protocol. The cumulative deliveries of canned meat through February were 192,000 tons, of which 47,000 tons were lifted from the United Kingdom during the months of November, December and January. Accordingly the cumulative deliveries totalled 135,000 tons against the Fourth Protocol cumulative requirement of 239,000 net short tons.

The deliveries of vegetable oil increased from 1,000 tons in January to 11,000 tons in February in view of additional tankers being made available. The 17,500 ton delivery of Animal Fats and Cured Meat is approximately 200 tons more than the revised January shipment. Deliveries of dried eggs dropped from 3,000 tons in January to 2,000 tons in February.

Deliveries of Wheat, Flour and Cereals decreased from 14,000 tons in January to 12,000 tons in February. Since the Protocol for processed cheese has been filled and as natural cheese is not suitable for shipment during the winter months, there have been no deliveries of cheese for the months of January and February.

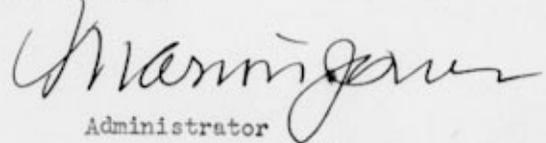
x220
x4193

REGRADED
UNCLASSIFIED

2-The President

Soya Flour and Grits continue low on the priority list with a February delivery of 40 tons, as compared with the January figure of 1,500 tons and the average monthly requirement of 3,000 tons. The cumulative requirements for Soya Flour and Grits through February are 23,000 tons with cumulative deliveries of slightly more than 5,000 tons. Butter and butter product shipments increased from 1,000 tons in January to 2,000 tons in February.

Respectfully,



Administrator

Attachments

x1-#7

REGRADED
UNCLASSIFIED

REPORT NO. I
SHIPMENT OF AGRICULTURAL COMMODITIES
TO THE U.S.S.R.
December, 1941 - February 28, 1945
(Net Short Tons)

Office of Supply CCC
Finance Division
Inventory Accounting Section
March 10, 1945

Table I

Commodity	4th Protocol	DELIVERIES		4th Protocol	3rd Protocol	2nd Protocol	1st Protocol
	Monthly Requirements	February, 1945	January, 1945	Cumulative Requirements	Cumulative Deliveries	Deliveries	Deliveries
				7/1/44-2/28/45	7/1/43-6/30/44	7/1/42-6/30/43	12/41-6/30/42
Wheat, Flour, Cereals, Etc.	17,633.33	12,164	14,186	141,066.64	92,808.20	487,768.14	107,711.10
Sugar	18,383.33	43,880	17,446	147,066.64	134,748	295,823	85,127
Canned Meat	29,833.33	18,963	16,353	238,666.64	191,886	271,524	43,627
Butter ^{/A}	2,208.33	1,252	362	17,666.64	20,157	40,519	1,668
Carter's Spread	1,125	850	952	9,000	15,302	9,014	-
Animal Fats and Cured Meat	24,740	17,508	17,278	197,920	171,369.78	233,586	41,288
Vegetable Oil	14,583.33	11,129	1,027	116,666.64	142,730	219,839	18,975
Dried Milk	2,916.66	1,794	1,608	23,333.28	12,907	33,026	-
Cheese	1,416.66	-	-	11,333.28	7,336	15,785	-
Canned Milk	1,530	3,668	-	12,240	12,544	7,107	-
Dried Eggs	5,000	2,356	3,694	40,000	27,570	38,836	8,961
Dehy. & Conc. Soups, Veg. and Cereals, Including Soys	1,506.66	1,343	238	12,053.28	4,779.22	17,079	-
Concentrated Juices	166.66	-	-	1,333.28	21.26	1,348	-
Vegetable Pulp, Pastes & Purees	500	-	521	4,000	3,764	3,233	-
Soya Flour and Grits	2,833.33	40	1,541	22,666.64	5,206	54,561	-
Other Agricultural Commodities	6,417.38	8,102.38	5,007.82	51,339.04	31,729.50	29,522.65	1,758
TOTAL	130,794	123,049.38	80,213.82	1,046,352	874,457.96	1,738,600.79	308,715.10

^{/A} Includes Butter Oil.

^{/B} Includes Vitamins.

REGRADED
UNCLASSIFIED

STATUS OF U.S.S.R. PROGRAM
(As of February 28, 1945)
(Net Short Tons Unless Otherwise Noted)

Office of Supply CCC
Finance Division
Inventory Accounting Section
March 10, 1945

TABLE II

Commodity	CLEARANCES									
	Cumulative	Cumulative	July 1, '42	July 1, '43	July 1, '44	October 1, '44	January,	February,	Cumulative	
	Action	To	To	To	To	To	1945	1945	To	
Requisitions	June 30, '42	June 30, '43	June 30, '44	Sept. 30, '44	Dec. 31, '44	1945	1945	Feb. 28, 1945		
WHEAT, FLOUR, CEREALS, ETC:										
Wheat	154,560	29,298	-	26,464	-	-	-	-	-	55,762
Cracked Wheat	12,764	1,121	9,885	45	-	-	-	-	-	11,051
Rye Flour	44,831	41	11,618	16,183	3,106	25	66	35	-	31,074
Wheat Flour	743,625	60,303	168,797	295,051	22,408	2,286	10,965	7,115	-	566,925
Barley, Pearl	2,960	-	2,797	3,262	689	560	-	-	-	7,308
Rice	108,119	-	22,667	25,766	5,043	8,253	189	-	-	61,918
Semolina	39,477	1,049	14,715	8,341	3,080	1,415	-	-	-	28,600
Barley, Cereal, Roasted	990	40	150	-	-	-	-	-	-	190
Buckwheat Cereal	1,699	8	127	90	198.15	120	-	-	-	543.15
Oat Cereal	38,016	2,352	14,851	5,517	594	-	-	-	-	23,314
Cereals, Various	15,904	-	911	.14	-	-	-	-	-	911.14
Beans, Dried	304,334	13,499	90,887	89,654	3,683	14,805	2,966	5,014	-	220,508
Peas, Dried	68,276	10	8,032	17,395	103	90.05	-	-	-	25,620.15
TOTAL	1,535,555	107,711.10	345,437	487,768.14	38,904.15	27,554.05	14,186	12,164	-	1,033,724.44
SUGAR										
Sugar	602,341	85,127	113,262	214,638	32,490	6,770	10,006	29,876	-	492,169
Tablet Sugar	123,731	-	909	81,185	12,799	21,363	7,440	14,004	-	137,700
TOTAL	726,072	85,127	114,171	295,823	45,289	28,133	17,446	43,880	-	629,869
MEAT, CANNED:										
Meat, Canned	517,424	43,627	188,147	114,976	38,145	70,259	9,085	10,106	-	474,345
Tushonka /a	254,853	-	-	149,554	26,977	14,057	7,268	8,794	-	206,650
Beef, Dehydrated /b	21	-	.60	4.50	-	-	-	-	-	5.10
Pork, Dehydrated /b	22,072	-	709	6,989.50	5,873	1,259	-	63	-	14,893.50
TOTAL	794,370	43,627	188,856.60	271,524	70,995	85,575	16,353	18,963	-	695,893.60

Commodity	Cumulative Action Requisitions	CLEARANCES								Cumulative To Feb. 28, 1945
		Cumulative To June 30, '42	July 1, '42 To June 30, '43	July 1, '43 To June 30, '44	July 1, '44 To Sept. 30, '44	October 1, '44 To Dec. 31, '44	January, 1945	February, 1945		
		June 30, '42	June 30, '43	June 30, '44	Sept. 30, '44	Dec. 31, '44	1945	1945		
BUTTER:										
Butter, Salted	84,555	1,668	7,923	39,558	7,501	3,092	185	787	60,714	
Butter Oil	8,840	-	-	961	6,649	1,301	177	465	9,553	
TOTAL	93,395	1,668	7,923	40,519	14,150	4,393	362	1,252	70,267	
CARTER'S SPREAD:										
Carter's Spread	26,200	-	-	9,014	5,196	8,304	952	850	24,316	
ANIMAL FATS AND CURED MEAT:										
Fat Cuts	215,545	-	-	118,807	25,986	15,178	5,435	9,333	174,739	
Lard and Rendered Fats /c	491,991	32,390	49,938	110,356	32,662	61,286	11,843	8,175	306,650	
Cured Meat	127,790	8,898	80,515	4,423	1,109	362,78	-	-	95,307.78	
TOTAL	835,326	41,288	130,453	233,586	59,757	76,826.78	17,278	17,508	576,696.78	
VEGETABLE OIL:										
Oleomargarine	59,160	-	4,936	36,050	147	5,901	266	1,327	49,627	
Shortening	50,229	-	12,753	13,406	3,732	1,508	-	-	31,399	
Vegetable Oil	562,030	18,575	85,979	170,383	67,632	50,654	761	9,802	403,786	
TOTAL	671,419	18,575	103,668	219,839	71,511	59,063	1,027	11,129	484,812	
DRYED MILK:										
Skim Milk, Dry	68,714	-	15,545	24,771	3,069	3,185	803	180	47,553	
Whole Milk, Dry	22,569	-	661	8,255	1,336	1,515	805	1,614	14,186	
TOTAL	91,283	-	16,206	33,026	4,405	4,700	1,608	1,794	61,739	
CHEESE:										
Cheese	17,508	-	3,915	3,695	411	1,646	-	-	9,667	
Cheese, Processed	20,067	-	544	12,090	1,862	3,417	-	-	17,913	
TOTAL	37,575	-	4,459	15,785	2,273	5,063	-	-	27,580	

Commodity	CLEARANCES									
	Cumulative	Cumulative	July 1, '42	July 1, '43	July 1, '44	October 1, '44	January,	February,	Cumulative	
	Action	To	To	To	To	To	1945	1945	To	
Requisitions:	June 30, '42:	June 30, '43	June 30, '44	Sept. 30, '44	Dec. 31, '44				Feb. 28, 1945	
CANNED MILK:										
Sweetened Condensed Milk	30,869	-	5,821	7,053	2,430	6,446	-	3,668	25,418	
Evaporated Milk	120	-	-	54	-	-	-	-	54	
TOTAL	30,989	-	5,821	7,107	2,430	6,446	-	3,668	25,472	
EGGS, DRIED:										
Eggs, Dried	115,255	8,961	22,286	38,836	5,775	15,745	3,694	2,356	97,653	
DEHY. & CONC. SOUPS, VEG., CEREALS, INCLUDING SOYA:										
Dehydrated Soup	7,952	-	310	1,814	-	128	-	-	2,252	
Dehy. Vegetable Soup	3,456	-	-	1,058	-	73	-	-	1,131	
Dry Soup Powder	4,145	-	25	3,886	-	-	-	-	3,911	
Beets, Dehydrated	890	-	-	57	37.50	-	-	-	94.50	
Cabbage, Dehydrated	628	-	-	17	40	13.34	-	-	70.34	
Carrots, Dehydrated	5,487	-	40	1,053	51	61	103	96	1,404	
Garlic, Dehydrated	2,061	-	19	528	68	236	-	-	851	
Onions, Dehydrated	4,223	-	13	113	232	223	-	373	954	
Potatoes, Irish, Dehy.:	6,512	-	97	1,202	119	148.38	-	-	1,566.38	
Other Vegetables, Dehy.:	2,044	-	-	368	-	676	-	-	1,044	
Onion Powder	421	-	55	179	-	60	135	604	1,033	
Tomato Powder	2,336	-	20	258	-	-	-	270	568	
Concentrated Cereal Food	13,023	-	1,152	6,551	137	895	-	-	8,742	
TOTAL	53,178	-	1,738	17,084	684.50	2,513.72	238	1,343	23,601.22	
CONCENTRATED JUICES:										
Conc. Grapefruit Juice:	762	-	-	65	-	-	-	-	65	
Conc. Lemon Juice	1,976	-	124	416	3.82	11	-	-	554.82	
Conc. Orange Juice	3,847	-	568	867	5.68	.76	-	-	1,441.44	
TOTAL	6,585	-	692	1,348	9.50	11.76	-	-	2,061.26	

Commodity	CLEARANCES									
	Cumulative Action Requisitions	Cumulative To June 30, '42	Cumulative To June 30, '43	July 1, '42 To June 30, '44	July 1, '43 To June 30, '44	July 1, '44 To Sept. 30, '44	October 1, '44 To Dec. 31, '44	January, 1945	February, 1945	Cumulative To Feb. 28, 1945
VEGETABLE PULPS, PASTES & PUREES:										
Tomato Paste or Puree	13,156	-	195	3,233		847	2,396	521	-	7,192
SOYA FLOUR AND GRITS:										
Soya Flour and Grits	147,638	-	2,841	54,561		1,183	2,442	1,541	40	62,608
OTHER AGRICULTURAL COMMODITIES:										
Acetic Acid	68	-	144	-		.60	-	-	-	144.60
Alcohol	2	-	-	-		-	-	-	-	-
Almonds	.41	-	-	.23		-	-	-	-	.23
Anourin	41	-	15	26.50		.25	2.29	1.65	2.28	47.97
Apples, Fresh	61	-	-	42		29.25	-	-	-	71.25
Army Field Ration K	2,016	-	-	418		-	-	-	-	418
Ascorbic Acid (Vit. C)	341	-	20	102		15	90	18	20	265
Ascorbic Acid (Tablets)	4.88 M/T	-	.50 M/T	-		-	-	-	-	.50 M/T
Baked Beans	175	-	145	20		11.85	-	-	-	176.85
Baking Soda	43	-	14	10		3.50	-	-	-	27.90
Banana Powder	56	-	-	-		-	-	-	-	-
Barley Fodder	46,953	1,393	2,275	5,491		2,364	-	-	4,703	16,226
Bean Sacks	1.20	-	-	-		-	-	-	-	-
Beef Extract	269	-	112	-		-	-	-	-	112
Beef Sets, Dry	6	-	-	-		-	-	-	-	-
Carotene	808 BIU	-	343 BIU	244 BIU		49 BIU	-	-	-	636 BIU
Chicory	3	-	.20	2.68		-	-	-	-	2.88
Chocolate - Ration D	956	-	3	411		56	-	-	-	470
Citric Acid	1,417	85	430	617		3.25	-	-	-	1,135.25
Citric Extract	1	-	28	-		-	-	-	-	28
Cocoa	3	-	-	3		-	-	-	-	3
Coffee	67	-	-	21		23	395	-	-	439
Coffee Beans, Green	11,760	-	2,728	4,040		-	-	-	-	6,768
Coffee, Substitute	23	-	-	1.60		-	-	-	-	1.60
Concentrated Foods	66	-	66	-		-	-	-	-	66
Cornstarch	432	-	366	33		37	-	-	-	436
Cucumber Pickles	72	-	-	67		8	-	-	-	75
Dextrines	9	-	-	-		9	-	-	-	9
Ergosterol	1.94	-	-	.48		.19	1.56	.17	.15	2.55

Commodity	CLEARANCES									
	Cumulative	Cumulative	July 1, '42	July 1, '43	July 1, '44	October 1, '44	January,	February,	Cumulative	
	Action	To	To	To	To	To	1945	1945	To	
Requisitions	June 30, '42	June 30, '43	June 30, '44	Sept. 30, '44	Dec. 31, '44	January,	February,	Feb. 28, 1945		
OTHER AGRICULTURAL										
COMMODITIES (CONT.)										
Essential Oils	81	-	23	13.59	11.34	-	-	-	-	51.93
Fish, Pilchards	22	-	-	22	-	-	-	4	-	22
Fish, Salmon	327	-	-	122	-	-	-	-	-	122
Fish Liver Oil (Vit. A)	53.30 T/U	-	-	11.15 T/U	9.03 T/U	-	-	-	-	-
Fish Liver Oil (Vit. D)	1 T/U	-	-	-	-	4.78 T/U	1 T/U	4.37 T/U	-	30.33 T/U
Fruit, Canned	77	-	4	17	12.54	-	-	-	-	-
Fruit, Mixed, Dried	1,721	-	562	366	290	.88	-	-	-	34.42
Fruit, Extract	8	-	2	2	-	2	-	-	-	1,220
Fruit Syrup	1	-	-	.70	-	-	-	-	-	4
Gelatin	3	-	-	.61	-	-	-	-	-	.70
Garlic, Fresh	34	-	2	1.48	.55	-	-	-	-	2.64
Grapefruits, Lemons,										
Oranges, Fresh	152	-	8	17	20	-	-	-	-	37
Hazel Nuts	3,638	-	-	17	-	-	-	-	-	45
Hops	19	-	19	3,696	-	-	-	-	-	3,696
Kola Nuts	57	57	-	-	-	-	-	-	-	19
Lactose	2.21	-	-	-	-	-	-	-	-	57
Lanolin	72	-	-	-	-	-	-	2.22	-	2.22
Linseed Oil, Drying	1,207	-	28	12	-	-	-	-	-	-
Macaroni	306	-	39	85	367	145	-	-	-	552
Millrun	342	-	475	-	66.45	-	-	-	-	190.45
Multi-Vitamin Tablets	630.10 M/T	-	-	24.65 M/T	115.95 M/T	124.45 M/T	-	-	-	475
Nicotinamide	41	-	-	12	38.85	-	-	30.98 M/T	-	296.03 M/T
Nicotinic Acid	153	-	-	6	7	-	-	-	-	50.85
Nutritional Yeast	102	-	-	94	-	19	13	21	-	66
Oat Fodder	28,967	150	1,772	134	.01	-	-	-	-	94
Oil Cake	-	-	215	-	-	-	-	-	-	2,056.01
Onions, Fresh	178	-	-	44	98	-	-	-	-	215
Pine Oil	237	-	-	164	67	-	-	-	-	142
Pepper	29	-	6	276	11.33	-	63	-	-	294
Potatoes, Fresh	2,200	-	-	1,075	486	.06	-	-	-	293.39
Riboflavin	2.67	-	.16	.29	.42	-	-	-	-	1,561
Salt	24,156	-	1,506	99	54.50	4.47	-	-	-	5.34
Seed, Cryptostegia	.56	-	.08	-	-	.86	-	-	-	2,150.36
Seeds, Field	20,336	-	6,955	317	-	-	-	-	-	.08
						2,155	617	1,146		11,190

Commodity	CLEARANCES									
	Cumulative	Cumulative	July 1, '42	July 1, '43	July 1, '44	October 1, '44				Cumulative
	Action	To	To	To	To	To	January, 1945	February, 1945	To	To
Requisitions	June 30, '42	June 30 '43	June 30, '44	Sept. 30, '44	Dec. 31, '44				Feb. 28, 1945	Feb. 28, 1945
OTHER AGRICULTURAL										
COMMODITIES (CONT.)										
Seeds, Guayula	.08	-	.08	-	-	-	-	-	-	.08
Seeds, Oil Bearing Plants	448	-	-	-	-	-	-	.73	-	.73
Seeds, Tobacco	2	-	-	.21	-	-	-	-	-	.21
Seeds, Vegetable	71,331	73	12,170	8,053	1,691	7,578	4,167	2,171	-	25,903
Soap	47,107	-	4,938	1,385	1,638	-	128	32	-	8,121
Soups, Veg., Canned	1,787	-	965	598	252	.06	-	-	-	1,815.06
Soya Sauce	4	-	4	-	-	-	-	-	-	4
Spices, Other/d	61	-	64	87	14.83	.04	-	-	-	165.87
Stearin Candles	603	-	99	173	200	1.28	-	-	-	473.28
Tea	2,133	-	661	255	145	62	-	-	-	1,123
Vanilla	23	-	.30	.13	-	-	-	-	-	.43
Vanillin	.26	-	.01	9.46	.55	-	-	-	-	10.02
Vinegar	5,466	-	18	222	2.54	11	-	-	-	253.54
Walnuts, Shelled	3	-	3	-	-	-	-	-	-	3
Wheat Bage	-	-	-	2.50	-	-	-	-	-	2.50
Yeast, Dry	1,525	-	321	-355.50	115	-	-	-	-	791.50
Yeast, Tablets	450 M/T	-	7.19 M/T	104.11 M/T	54.77 M/T	91.93 M/T	24 M/T	-	-	282 M/T
TOTAL	279,836.16	1,758	27,207.14	29,547.65	8,150.80	10,468.50	5,007.82	8,102.38	-	90,242.29
GRAND TOTALS	5,457,832.16	308,715.10	971,953.74	1,758,600.79	331,559.95	339,634.81	80,213.82	123,049.38	-	3,913,727.59
	1,084.98 M/T	-	7.69 M/T	128.76 M/T	170.72 M/T	216.38 M/T	24 M/T	30.98 M/T	-	578.53 M/T
	54.30 T/U	-	-	11.15 T/U	9.03 T/U	4.78 T/U	1 T/U	4.37 T/U	-	30.33 T/U
	808 BIU	-	343 BIU	244 BIU	49 BIU	-	-	-	-	636 BIU

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

/b One Ton of Dehydrated Meat equivalent to 3.17 tons of Canned Meat.

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

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

C. F. Lend Lease
PETROLEUM ADMINISTRATION FOR WAR

WASHINGTON

APR - 7 1945

My dear Mr. President;

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

As requested, a copy of this report has been forwarded directly to the Executive of the President's Soviet Protocol Committee, Major General John Y. York, Jr.

Sincerely yours,

W. R. ...
Petroleum Administrator for War.

x 4435

The President,

The White House.

x 56
x 220
x 4193

EXECUTIVE SECRETARIAT
U.S.S.R.
U.S. GOVERNMENT PRINTING OFFICE
1945

PETROLEUM ADMINISTRATION FOR WAR

WASHINGTON 25, D. C.

APR - 7 1945

My dear Mr. President,

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

As requested, a copy of this report has been forwarded directly to the Executive of the President's Soviet Protocol Committee, Major General John Y. York, Jr.

Sincerely yours,

(Sgd) Ralph K. Davies

Petroleum Administrator for War.

The President,

The White House.

Exempted of
vs. Machine
of Embroider
I am by
MA Genl. Mr. L.

~~CONFIDENTIAL~~

PETROLEUM ADMINISTRATION FOR WAR

WASHINGTON 25, D. C.

SUPPLIES FOR THE U.S.S.R.

Report to The President

PETROLEUM PRODUCTS

We have now been advised by the Bahrein Petroleum Company Limited that operating difficulties at the Bahrein refinery have been overcome and that the alkylate plant was placed in service on March 15. Accordingly, commencing with that date surplus blending agent became available for shipment to the Russians at a rate of about 1200 barrels per day. This will increase to a rate of approximately 2200 barrels per day during the latter half of May. This surplus can be made available to the Russians up to about the middle of June, at which time, due to completion of other facilities, the refinery will begin utilizing this production for the manufacture of aviation gasoline. We understand there will be a total of approximately 130,000 barrels of blending agent available by mid-June which can be made available to the Russians, and arrangements will be made to allocate this quantity to them.

We have been informed that an additional new T.2 type tanker was turned over to the Russians during March, in exchange for two of their older and smaller tankers in bad condition. This new tanker, which is the fifth of its type to be turned over to the Russians, is scheduled to load during April.

The following tabulation summarizes the petroleum product shipments that have been made to the U.S.S.R. during the period June 22, 1941 (the date of the German invasion of Russia) to March 31, 1945. 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 agents from Abadan during the period July 1, 1943 to February 28, 1945. Allocation to the British of quantities corresponding to these Abadan shipments has been or will be made out of United States controlled sources.

Aviation Gasoline and Blending Agents	14,433,434	Barrels
Motor Gasoline	1,190,708	"
Miscellaneous Naphtha and Kerosene	87,629	"
Gas Oil	654,958	"
Fuel Oil	89,666	"
Lubricating Oil	448,001	"
Grease	8,513	"
Tetraethyl Lead	24,062	"
Lubricating Oil Additives	37,880	"
	<hr/>	
Total	16,974,851	Barrels
Ceresine and Paraffin Wax	5,441	Short Tons

DECLASSIFIED
E.O. 11652, Sec. 8(E) and 5(D) or (B)
Interior Dept ltr, 11-3-72

~~CONFIDENTIAL~~
~~CONFIDENTIAL~~

PETROLEUM ADMINISTRATION FOR WAR

WASHINGTON 25, D. C.

PETROLEUM REFINING PLANTS AND UNITS

DECLASSIFIED MAR 21 1973

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

Second Protocol

It is estimated as of April 1 that the oil refining plants supplied under the Second Protocol are constructed in Russia as follows: Plant 1, 69%; Plant 2, 16%; Plant 3, 72%; Plant 4, 41%. This equals an average of 48% for all plants and is based on dollar values of materials shipped to Russia.

A revised copy of the requisition covering the new water supply system for Plant No. 2 was reviewed and forwarded with our recommendations to Foreign Economic Administration. On the basis of the present reported completion date of Plant No. 2, September 30 has been set as the final delivery date for furnishing the equipment.

A letter was sent to Foreign Economic Administration covering our recommendations with respect to the supplying of American operators for initial operations of Second Protocol refining equipment.

Third Protocol

The April 1 status of the refining equipment being supplied under the Third Protocol as estimated, is as follows:

- (a) Engineering 90% completed
- (b) Purchasing 96% completed
- (c) Shipped from manufacturers' plants, approximately 18,000 tons. This represents 28% of the total tonnage to be shipped.

The estimate of Third Protocol refining equipment which will be delivered after June 30 remains at approximately 18%, based upon the dollar value of the equipment.

A letter was sent to the Director of Procurement, Treasury Department, confirming that Petroleum Administration for War is following the basic policy established in General Wesson's letter of September 27, 1943, to the Russian Commission and that especial attention has been and will continue to be given to this program in order to maintain it in the production sequence in accordance with its AA-1 priority.

OILFIELD EQUIPMENT AND REFINERY MAINTENANCE ITEMS

Fabrication of equipment making up the First, Second, and Third Protocol Lend-Lease allotments from the U.S.A. to the U.S.S.R. petroleum industry, excluding new refinery installations, was increased by a value of approximately \$1,140,000 during January 1945, and \$655,000 during February 1945. This new fabrication raised the total fabrication figure by 3.6%, bringing the percentage by value of all First, Second, and Third Protocol items fabricated to 96.8%, as of February 28, 1945. A breakdown by groups, as of February 28, shows that the fabrication of oil country pipe stood at 98.5%, refinery maintenance tubing stood at 90.7%, oilfield equipment stood at 98.3%, and refinery maintenance equipment stood at 98.2%.

PSF

FOREIGN ECONOMIC ADMINISTRATION
WASHINGTON 25, D. C.

file
Confidential

LF
Lend Lease

IN REPLY REFER TO:

MEMORANDUM

APR 7 - 1945

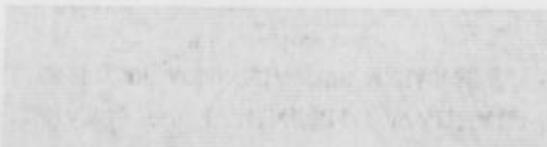
To: The President
From: *J. S. P.*
Leo T. Crowley, Administrator
Foreign Economic Administration
Subject: Status of the Soviet Aid Program

x5430

Attached hereto is your personal copy of the report on the status of the Soviet Aid Program as of February 28, 1945.

This report summarizes operations in the month of February and in the entire period from October 1, 1941 to date.

x220
x4193



APR 7 - 1945

MEMORANDUM

To: The President

From: Leo T. Crowley, Administrator
Foreign Economic Administration

Subject: Status of the Soviet Aid Program

Attached hereto is your personal copy of the report on the status of the Soviet Aid Program as of February 28, 1945.

This report summarizes operations in the month of February and in the entire period from October 1, 1941 to date.

~~SECRET~~

Copy 1

STATUS OF THE SOVIET AID PROGRAM

AS OF FEBRUARY 28, 1945

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

STATUS OF THE SOVIET AID PROGRAM PERFORMANCE DURING FEBRUARY

Cargo shipped from the Western Hemisphere to the U.S.S.R. in February totaled 450,600 long tons -- 153,300 tons to North Russia, 4,500 tons to the Persian Gulf, 111,100 tons to the Black Sea, and 181,700 tons to the Soviet Far East.

Shipments in February were 83 percent of the average rate for the first seven months of the Protocol year. Fourth Protocol shipments to date have totaled 4,288,900 tons. Shipments in March are expected to total 470,000 tons.

The Fourth Protocol, which is now awaiting signature, calls for a minimum shipping commitment by the United States from the Western Hemisphere of 5,089,300 long tons, with a provision for additional shipments under a supplementary program requested by the Soviet Government.

Cargo shipped during February and in the first eight months of the Protocol period is summarized in the following table:

Type of Cargo	February 1945		July 1944-February 1945	
	Long Tons	Percent of Total	Long Tons	Percent of Total
U. S. SUPPLIES				
R.R. Transportation Equipment	32,300	7	308,100	7
Trucks and Other Vehicles	34,700	8	462,000	11
Metals	83,800	19	895,200	21
Chemicals & Explosives	27,800	6	309,900	7
Petroleum Products *	69,900	15	549,000	13
Machinery and Equipment	37,100	8	384,900	9
Food	133,900	30	897,600	21
Other U.S. Supplies	26,600	6	241,500	5
U. S. TOTAL	446,100	99	4,048,200	94
CANADIAN AND BRITISH SUPPLIES	4,500	1	240,700	6
TOTAL	450,600	100	4,288,900	100

* Does not include clearance through the Persian Corridor of 286,709 long tons of petroleum products supplied during the Fourth Protocol period by U.K. refineries at Abadan for U. S. account and replaced by U. S. to U. K. in other areas.

During February, 156 U. S. aircraft were flown from Fairbanks, Alaska by Soviet crews. To date 12,995 aircraft have departed from North America for the U.S.S.R. In addition, 126 Navy Flying Boats have departed for the U.S.S.R. from the Navy base at Elizabeth City, N. C. Twelve of these departed in February.

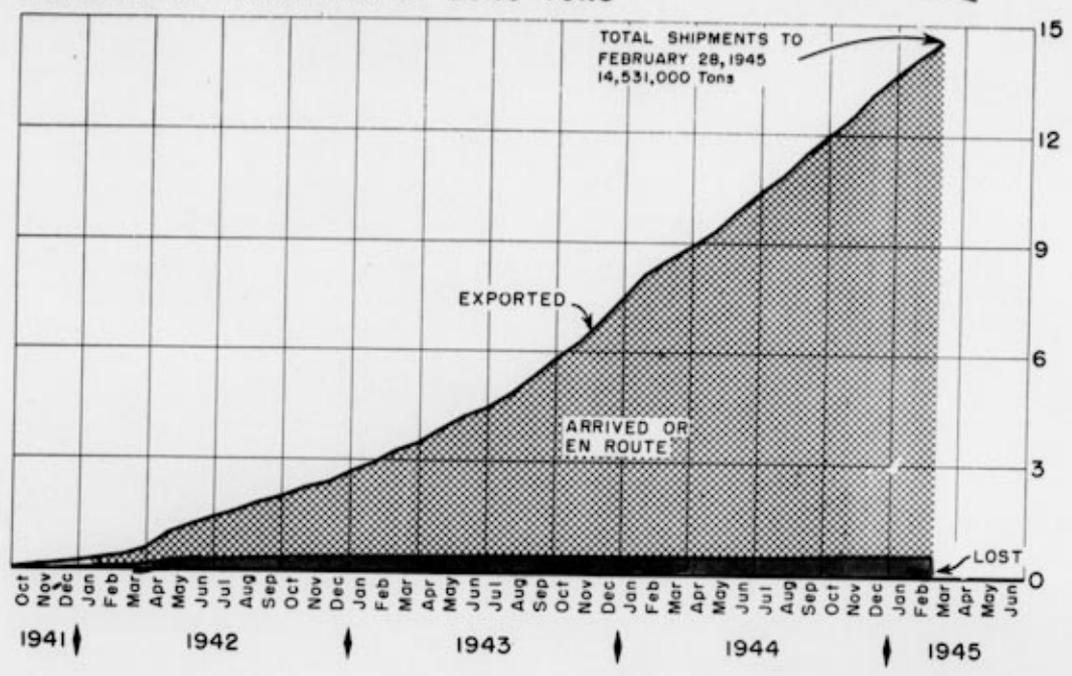
Other important items shipped in February included: 144 medium tanks, 5,298 trucks including 531 jeeps, 830 motorcycles, 100 track-laying tractors, 100 R.R. locomotives, 932 flat cars, 329 marine engines, and machinery and equipment valued at \$29,730,000.

Foreign Economic Administration
March 30, 1945

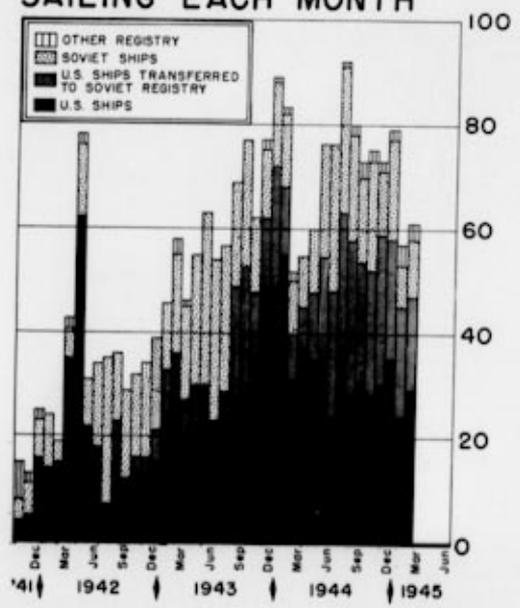
DECLASSIFIED
 State Dept. Letter, 1-11-72
 By J. Schauble Date FEB 2 1972

~~SECRET~~

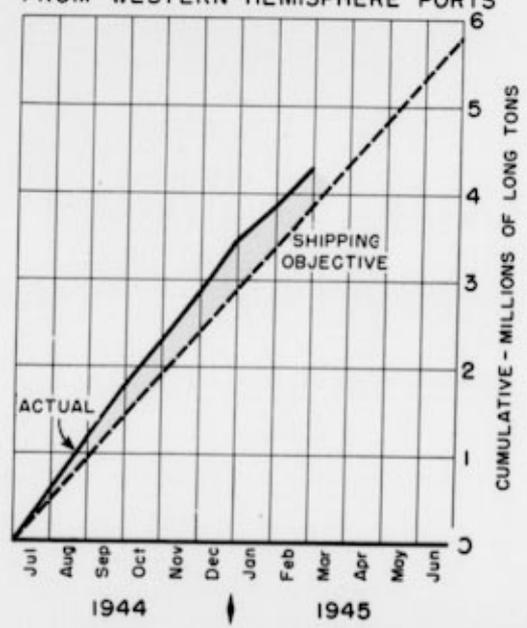
SHIPMENTS TO U.S.S.R. CUMULATIVE - MILLIONS OF LONG TONS



NUMBER OF SHIPS SAILING EACH MONTH



FOURTH PROTOCOL CLEARANCES FROM WESTERN HEMISPHERE PORTS



Foreign Economic Administration

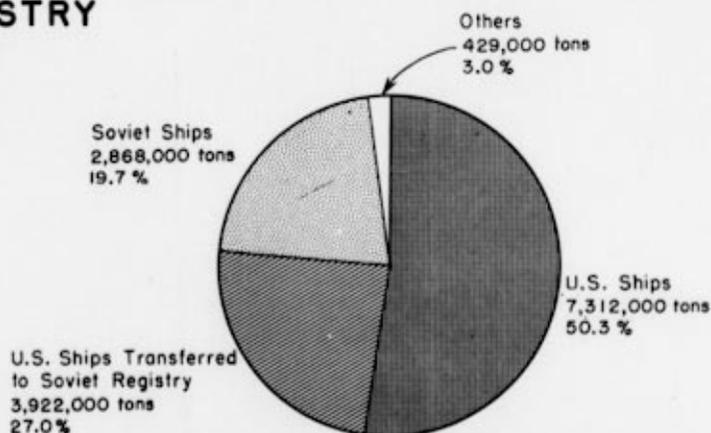
ACTUAL SHIPMENTS VS SHIPPING OBJECTIVE

FOURTH PROTOCOL - CUMULATIVE

MONTH	ACTUAL SHIPMENTS			SHIPPING OBJECTIVE	ACTUAL IN % OF OBJECTIVE
	ATLANTIC ROUTE	PACIFIC ROUTE	TOTAL		
JUL 1944	283,153	341,425	624,578	483,632	129.1 %
AUG	505,152	680,914	1,186,066	967,263	122.6
SEP	783,568	982,415	1,765,983	1,450,894	121.7
OCT	1,019,541	1,291,843	2,311,384	1,934,525	119.5
NOV	1,262,057	1,605,753	2,867,810	2,418,156	118.6
DEC	1,557,570	1,874,892	3,432,462	2,901,786	118.3
JAN 1945	1,766,531	2,069,837	3,838,368	3,385,417	113.4
FEB	2,037,378	2,251,554	4,288,932	3,869,048	110.9
MAR				4,352,679	
APR				4,836,310	
MAY				5,319,941	
JUN				5,803,571	

Data on actual shipments and objective are in long tons

DISTRIBUTION OF TONNAGE BY SHIP REGISTRY



SHIPMENTS, IN GROSS LONG TONS, FROM OCTOBER 1, 1941 TO FEBRUARY 28, 1945

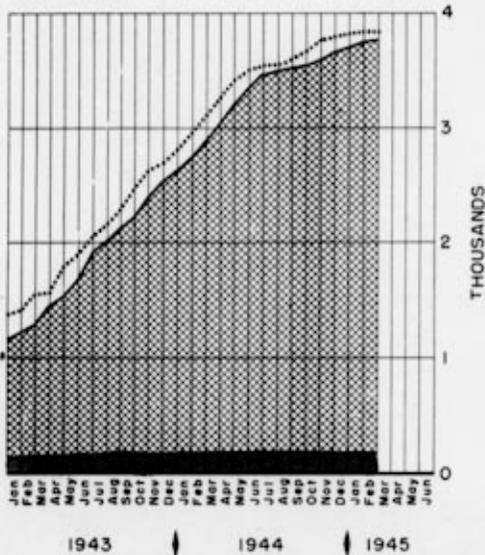
EXPORTS AND AVAILABILITY

CUMULATIVE SINCE OCTOBER 1, 1941

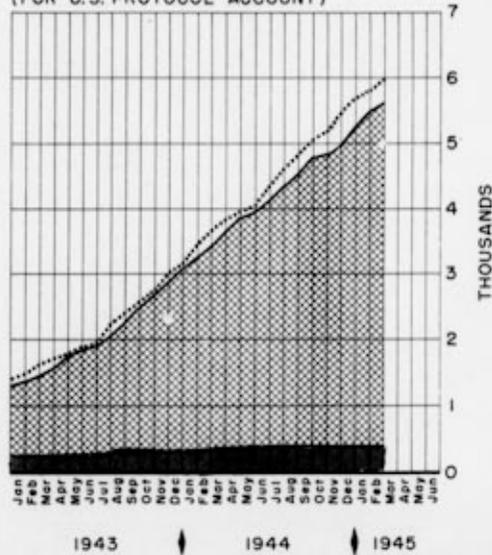
..... Quantity made available at U.S. centers of production



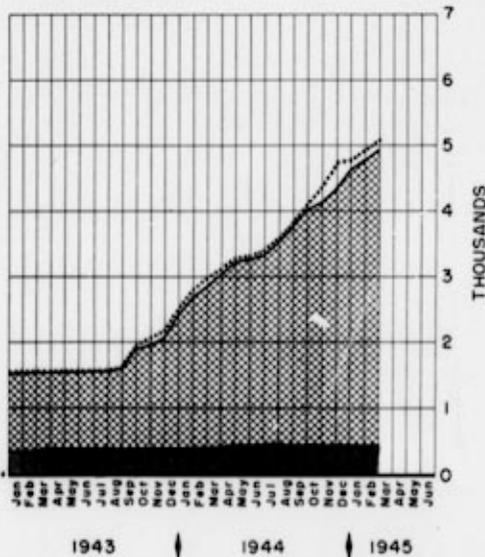
BOMBERS



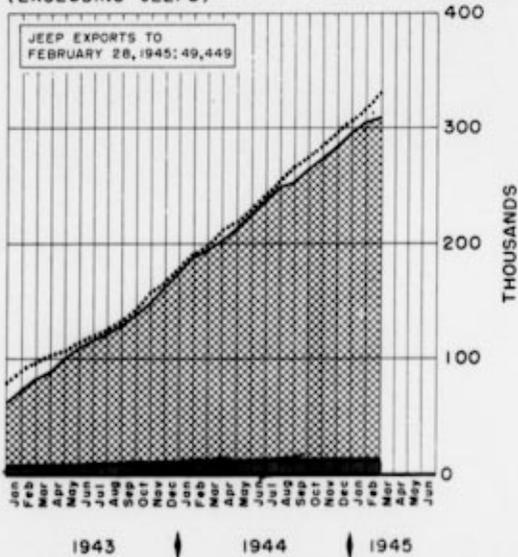
PURSUIT PLANES (FOR U.S. PROTOCOL ACCOUNT)



MEDIUM TANKS



TRUCKS (EXCLUDING JEEPS)



EXPORTS AND AVAILABILITY

CUMULATIVE SINCE OCTOBER 1, 1941

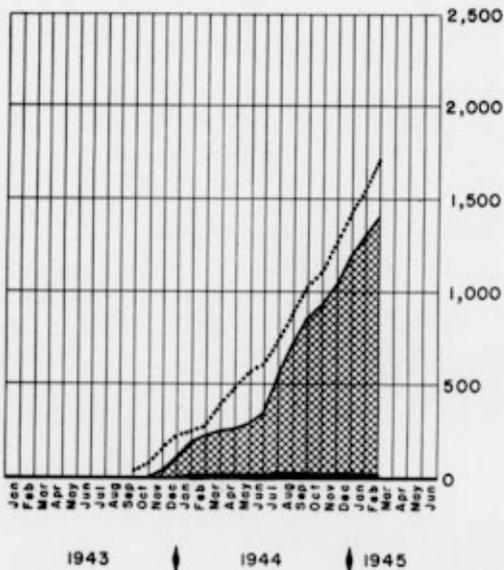
By J. Schauble Data, FEB

2 1972

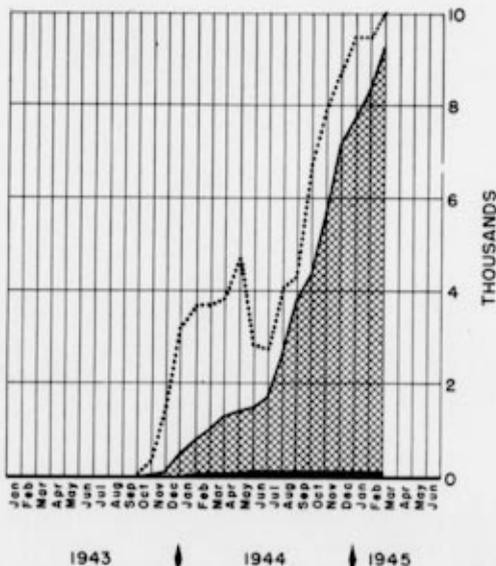
..... Quantity made available at U.S. centers of production



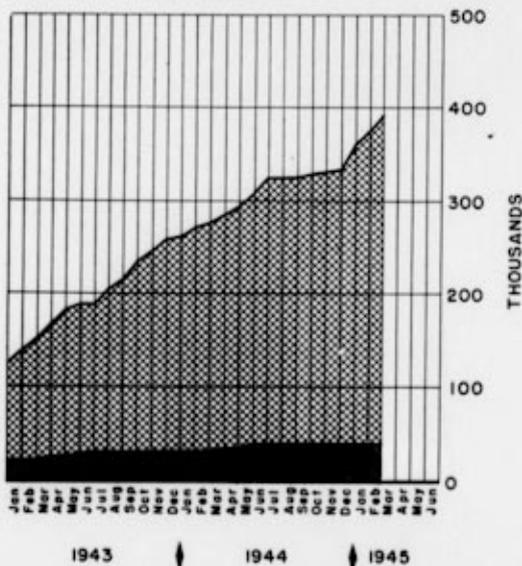
LOCOMOTIVES



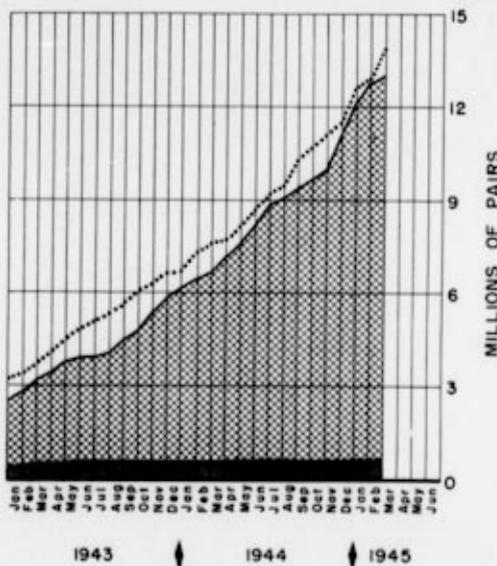
FLAT CARS



FIELD TELEPHONES



ARMY BOOTS



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

SECRET

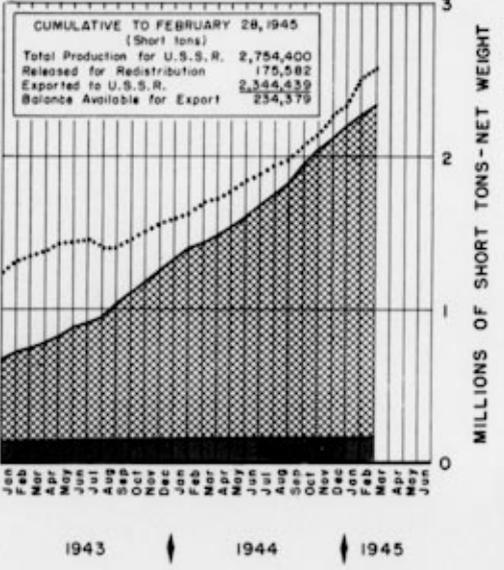
EXPORTS AND AVAILABILITY

CUMULATIVE SINCE OCTOBER 1, 1941

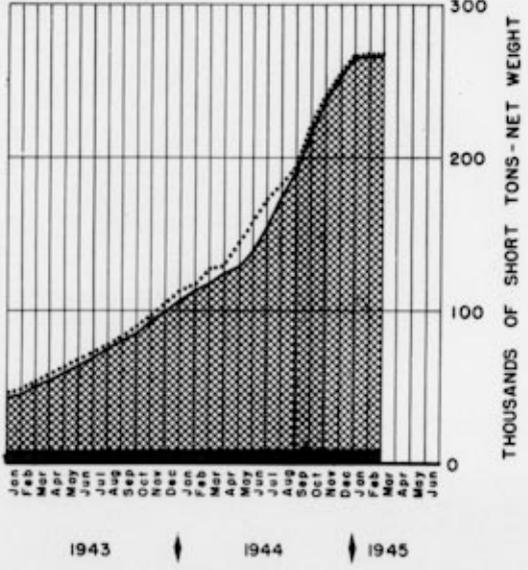
..... Quantity made available at U.S. centers of production



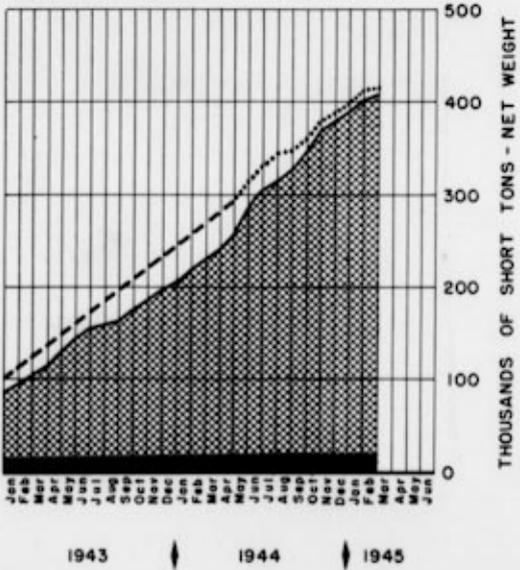
STEEL



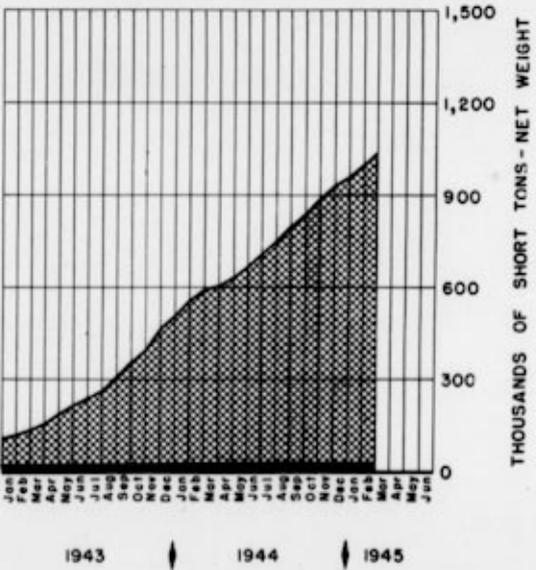
ALUMINUM (ALL FORMS)



COPPER (INCLUDING COPPER BASE PRODUCTS)



CHEMICALS AND EXPLOSIVES



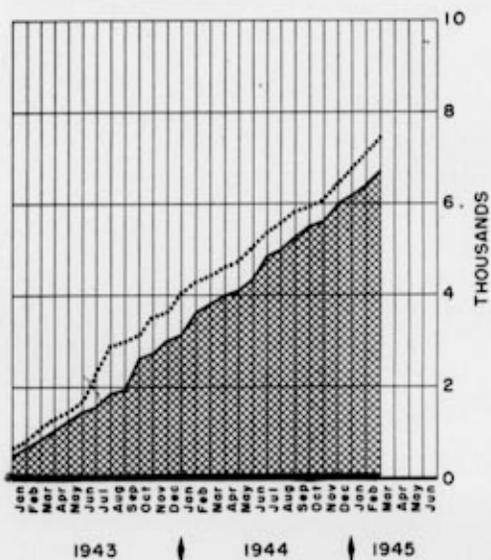
EXPORTS AND AVAILABILITY CUMULATIVE SINCE OCTOBER 1, 1941

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

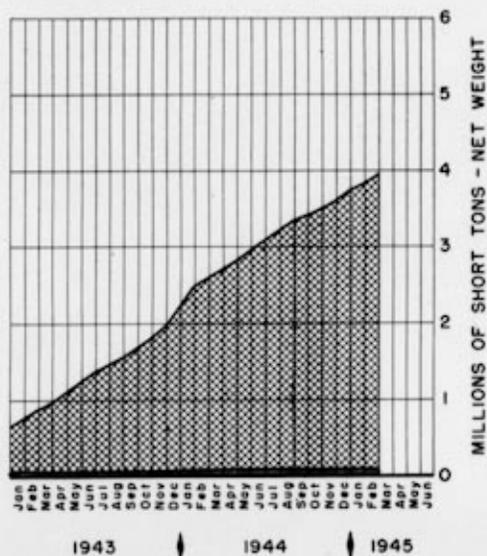
DECLASSIFIED
State Dept. - Lists 1-11-53
By J. Scheuable Date FEB



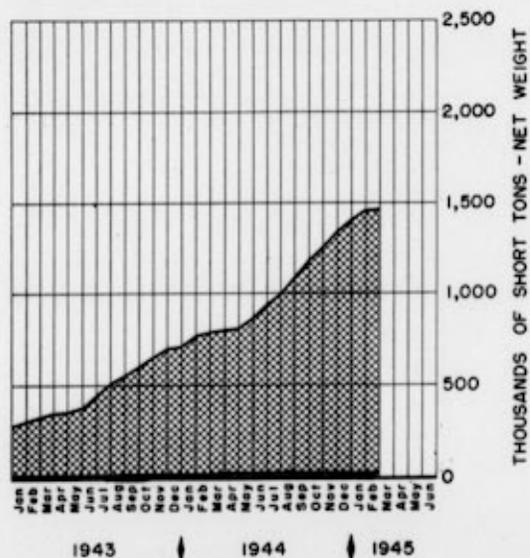
MARINE ENGINES



FOODSTUFFS



PETROLEUM PRODUCTS



STATEMENT OF VESSELS SAILED TO U.S.S.R
 As of February 28, 1945

Date of Sailing	Number of Vessels Sailing						Arrived	En Route as of Feb. 28	Cargo Disch. in U.K.	Lost	Losses by Month
	For North Russia	For Persian Gulf	For Black Sea	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	-	-	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	53	-	-	2	1
Apr	-	35	-	-	25	60	59	-	-	1	3
May	-	36	-	-	40	76	76	-	-	-	-
Jun	-	24	-	9	43	76	76	-	-	-	-
Jul	20	17	-	15	40	92	91	-	-	1	1
Aug	25	5	-	9	41	80	80	-	-	-	-
Sep	23	11	-	1	38	73	73	-	-	-	-
Oct	10	20	-	-	45	75	75	-	-	-	-
Nov	20*	12	-	-	41	73	73	-	-	-	-
Dec	29	8	-	-	42	79	77	2	-	-	-
1945 Jan	15	3	7	-	30	55	36	19	-	-	-
Feb	20	-	12	-	29	61	3	58	-	-	-
Mar											
Apr											
May											
Jun											
Total, Oct. 1941 to Feb. 28, 1945	522	541	19	89	1,059	2,230	2,025	79	52	74	74

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

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

Of the 2,230 sailings from October 1, 1941 to February 28, 1945, 1,021 were made by American vessels, 670 by Soviet vessels, 495 by American vessels transferred to Soviet registry, 43 by British vessels and 1 by a Swedish vessel. In addition to the 2,230 sailings, there were 118 ships that loaded partial cargoes in the U.S. for the U.S.S.R. In addition to the 74 ships shown above as lost, several ships have been sunk on their return voyages.

DECLASSIFIED
State Dept. Letter, 1-11-77
By J. Schauble Date FEB 2 1972

SECRET

STATEMENT OF CARGO SHIPPED TO U.S.S.R.
As of February 28, 1945
(Thousand of Gross Long Tons)

	For North Russia	For Persian Gulf		For Black Sea	For Soviet Arctic	For Soviet Far East		Total	Arrived	En Route as of Feb. 28	Disch. or on Hand in U.K.	Lost	Losses by Month
		Full Cargoes	Partial Cargoes			Full Cargoes	Partial Cargoes						
1941 Oct	48	-	-	-	-	17	-	65	62	-	-	3	-
Nov	41	3	-	-	-	14	-	58	55	-	-	3	-
Dec	50	10	-	-	-	11	-	71	63	-	-	8	3
1942 Jan	63	-	-	-	-	26	-	89	72	-	1	16	9
Feb	66	4	1	-	-	20	-	91	76	-	-	15	5
Mar	171	17	1	-	-	25	-	214	163	-	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	-	58	152	-	336	336	-	-	-	-
Aug	-	173	4	-	32	261	-	470	456	-	-	14	14
Sep	-	194	4	-	-	313	-	511	511	-	-	-	-
Oct	66	187	6	-	-	181	-	440	431	-	-	9	-
Nov	145	194	1	-	-	229	-	569	561	-	-	8	9
Dec	214	167	-	-	-	262	-	643	629	-	-	14	-
1944 Jan	222	202	-	-	-	176	-	600	597	-	-	3	22
Feb	127	114	-	-	-	100	-	341	333	-	-	8	3
Mar	110	152	-	-	-	91	-	353	339	-	-	14	8
Apr	-	275	-	-	-	134	-	409	405	-	-	4	18
May	-	287	-	-	-	264	-	551	551	-	-	-	-
Jun	-	187	-	-	28	307	-	522	522	-	-	-	-
Jul	156	127	-	-	66	276	-	625	624	-	-	1	1
Aug	185	36	-	-	31	309	-	561	561	-	-	-	-
Sep	191	88	-	-	3	298	-	580	580	-	-	-	-
Oct	80	155	1	-	-	309	-	545	545	-	-	-	-
Nov	155	96	1	-	-	314	-	566	566	-	-	-	-
Dec	228	67	1	-	-	269	-	565	555	10	-	-	-
1945 Jan	119	26	5	61	-	195	-	406	268	138	-	-	-
Feb	153	-	5	111	-	182	-	451	19	432	-	-	-
Mar													
Apr													
May													
Jun													
Total, Oct. 1941 to Feb. 28, 1945	3,507	3,990	162	172	313	6,384	3	14,531	13,190	580	279	482	482

In addition to the above, the U.S. has aided in the movement through the Persian Corridor of petroleum products originating at British refineries in Abadan, reported to total 415,800 long tons.

In addition to the 185,000 tons shown shipped to North Russia in August 1944, an undetermined amount of U.S. Army cargo lifted on the August ships has been turned over to Soviet authorities in North Russian ports.

PROGRESS OF INDUSTRIAL PROJECTS FOR THE U.S.S.R.
 As of February 28, 1945

TIRE PLANT This \$10,000,000 project, placed in procurement in November 1942, was designed to produce 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 American equipment which was idle at the time, the tire plant of the For Motor Company was purchased and its basic elements were 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 \$1,200,000. Five American engineers were sent to Moscow to aid in construction; four of the five are still there. Due to changed conditions and construction delays the plant is still in construction. Only test production is expected from various departments until late fall.

PETROLEUM REFINERY PROJECT This project approved in September 1942, was developed to replace Soviet refining facilities destroyed by the German Army. It consists of four basic plants and two subsidiary plants designed to produce aviation gas, motor gas and lubricating oils. The entire project is valued at \$40,980,000 including engineering and replacements. Ninety-nine percent of the equipment has been shipped to the U.S.S.R. Nineteen U.S. engineers are in the U.S.S.R. aiding in construction. A report by the engineers at the end of February stated that the first basic plant was 62 percent completely erected, the second 15 percent, the third 64 percent, and fourth 28 percent completed. U.S. experts are being obtained to aid Soviet operators during initial operations of the plants. Soviet reports indicate that the equipment for subsidiary plants is arriving at sites, foundations are virtually complete and erection is progressing.

Orders valued at \$17,900,000 were approved in April 1944 for additions to supplement the facilities already supplied. Purchase orders have been placed for 94 percent of the equipment and 14 percent has been delivered by suppliers.

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. It will increase the carrying capacity of existing rail facilities without increase of rolling stock. Equipment valued at \$10,900,000 will provide signal and signal operating equipment for 3,000 K.M. of track. Equipment valued at \$10,875,000 has left the manufacturers of which \$10,860,000 has been exported.

POWER PROGRAM Under the Second and subsequent Protocols, various projects have been approved to provide electric power for areas of the U.S.S.R. devastated by the enemy and for Soviet war plants. A total of 1,457,274 K.W. has been approved as follows:

Stationary Steam Plants	631,939 KW	Trailer Mounted Diesel Plants	72,945 KW
R.R. Power Trains, Steam	267,500 KW	R.R. Power Cars, Diesel	103,000 KW
Stationary Diesel Plants	327,498 KW	Hydro-Electric Stations	54,392 KW

This program is estimated to cost \$182,700,000. Equipment valued at \$121,532,000 has already left U.S. ports.

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. The project valued at \$6,367,000 has been completely fabricated and Soviet representatives state the mill is now in operation in the U.S.S.R.

An 18" merchant mill valued at \$3,650,000 was placed in procurement in November 1942. Equipment valued at \$3,615,000 has been made ready for shipment and \$3,510,000 has been exported.

Two pipe fabricating mills were approved in February 1943 at a cost of \$1,252,000. Although the principal components of these mills were diverted to the U.S. Army to meet the needs for seamless pipe for the rapid advance through France, replacements are nearly completed and equipment valued at \$1,250,000 has already been shipped to the U.S.S.R.

A project consisting of a blooming mill, rail and structural mill, and a railroad tie and fish plate mill and soaking pits was approved for production in November 1943 at a total cost of \$15,672,000. Sixty percent of this project has been fabricated and 42 percent has left the U.S.

STEEL EXPANSION PROGRAM Since December 1942, auxiliary equipment for expansion of U.S.S.R. steel facilities has been approved. When installed in the U.S.S.R. it is expected to increase Soviet production of carbon steel ingots by 2,500,000 tons a year. The equipment is valued at \$13,300,000 of which \$11,700,000 has been made available at manufacturers and \$10,500,000 has been exported.

OTHER PLANTS

	Date Approved	Total Cost *	Percent of Total Made Available in U. S.	Percent of Total Exported
Wall Board Plant	11/17/42	\$ 663,000	100	100
Glass Bulb and Tubing Plant	3/17/43	1,442,000	40	9
Voltol Pilot Plant	4/22/43	179,300	100	100
Nitric Acid Plant	11/27/42	535,400	100	70
Hydrogen Gas Plants	5/29/42	533,000	100	100
Hydrogen and Catalyst Plants	11/9/42	2,627,000	99	33

* Includes engineering services, training of Soviet operators, miscellaneous materials, etc.

By J. Schauble Date FEB 2 1972

SECRET

AIRCRAFT DELIVERIES TO U.S.S.R.
October 1, 1941 to February 28, 1945

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 February 28, 1945		Lost in North America		Departed North America	Lost After Departure	Diverted to Others	En Route N. A. to Destination 2/28/45	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	6,823	206	163(112)*	68	52(4)*	6,332	0	0	0	6,332	6,332
South Atlantic Route to Abadan	1,055	0	0	17	0	1,038	43	1	0	994	993
Water to North Russia	1,483	0	0	0	0	1,483	310	1	0	1,172	1,172
Water to Persian Gulf Assembly at Abadan	4,143	1	0	0	0	4,142	231	0	4	3,907	(17)** 3,864
Total	13,504 b	207	163(112)*	85	52(4)*	12,995	584	2	4	12,405	(17)**12,361
BY TYPE OF PLANE											
Pursuit Planes											
P-40 Alsb	50	0	0	0	2(1)*	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	0	0	0	0	872	54	0	0	818	(6)** 1,090
P-40 Persian Gulf, Water, U.K. Acct.	300	0	0	0	0	300	0	0	0	300	999
P-39 Alsb	1,022	0	0	9	14(1)*	999	0	0	0	999	1,592
P-39 Alsb, U.K. Account	1,637	0	0	28	17	1,592	0	0	0	1,592	27
P-39 Alsb, Reimbursement Acct.	30	0	0	0	3	27	0	0	0	27	50
P-39 North Russia, Water	57	0	0	0	0	57	7	0	0	50	28
P-39 North Russia, Water, Reim. Acct.	28	0	0	0	0	28	0	0	0	28	30
P-39 North Russia, Water, U.K. Acct.	35	0	0	0	0	35	5	0	0	30	(1)** 2,020
P-39 Persian Gulf, Water	1,101	0	0	0	0	1,101	38	0	0	1,063	(1)** 840
P-39 Persian Gulf, Water, U.K. Account	893	0	0	0	0	893	53	0	0	840	(1)** 121
P-39 Persian Gulf, Water, Reim. Acct.	121	0	0	0	0	121	0	0	0	121	3
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	184
P-47 Persian Gulf, Water	197	1	0	0	0	196	7	0	4	185	3
P-63 North Russia, Water	3	0	0	0	0	3	0	0	0	3	85
P-63 Alsb, U.K. Account	85	0	0	0	0	85	0	0	0	85	1,187
P-63 Alsb	1,529	185	143(97)*	7	5(2)*	1,187	0	0	0	1,187	(9)** 8,249
Total Pursuit Planes	9,115	186	143(97)*	44	41(4)*	8,699	412	1	4	8,282	
Light Bombers											
A-20 Alsb	1,297	0	0	22	9	1,266	0	0	0	1,266	869
A-20 South Atlantic	927	0	0	17	0	910	39	1	0	870	126
A-20 North Russia, Water	165	0	0	0	0	165	39	0	0	126	(7)** 550
A-20 Persian Gulf, Water	637	0	0	0	0	637	79	0	0	558	
Total Light Bombers	3,026	0	0	39	9	2,978	157	1	0	2,820	
Medium Bombers											
B-25 Alsb	679	14	13(12)*	1	2	649	0	0	0	649	124
B-25 South Atlantic	128	0	0	0	0	128	4	0	0	124	5
B-25 North Russia, Water	5	0	0	0	0	5	0	0	0	5	778
Total Medium Bombers	802	14	13(12)*	1	2	782	4	0	0	778	
Heavy Bombers											
B-24 Alsb	1a	0	0	0	0	1	0	0	0	1	1
Cargo Planes											
C-47 Alsb	490	6	7(3)*	2	0	475	0	0	0	475	475
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	0	8	20
AT-6-C Persian Gulf, Water	22	0	0	0	0	22	0	0	0	22	(1)** 28
Total Advanced Trainers	30	0	0	0	0	30	0	0	0	30	
P5M Patrol Bombers	126c	-	-	1	-	125d	-	-	-	-	-

* 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 Does not include 126 P5M Patrol Bombers. Reflects addition of 2 which departed during January, previously unreported.

c Departed Elizabeth City, N.C.

EXPORTS AND AVAILABILITY
As of February 28, 1945

By J. Schauble Date FEB 2 1972
SECRET
Sheet 1

Item	Fourth Protocol Program Performance			Exported		Total Aid - Four Protocols October 1, 1941 to Feb. 28, 1945				
	Adjusted Program a	Program to 2/28/45	Made Available to 2/28/45 b	During Feb. 1945	7/1/44 to 2/28/45	Made Available b	Exported c	Lost Enroute	Diverted Enroute	
I AIRCRAFT AND EQUIPMENT (For U.S. Protocol Account)										
I-1A Pursuit Planes	2,450	1,650	1,636	118	1,493	} See Detailed Schedule				
1B Light Bombers	0	0	0	0	41					
1C Medium Bombers	300	200	292	11	266					
1D Heavy Bombers	0	0 ^d	0 ^d	0	0					
1E Transport Planes	240	160	170	27	153					
1F Flying Boats, FBW	30	20	97	12 ^e	97 ^e					
1G Observation Planes	0	0	0	0	0					
1H Advanced Trainers	0	0	0	0	0					
(For U.K. Protocol Account) (Under Reciprocal Agreements)										
I-1A Pursuit Planes	0	0	0	0	178					
I-6A Link Trainers	0	0	0	0	0		10	5	0	0
6S Aircraft Landing Mats (1000 sq. ft.)	16,000	16,000	25,311 ^f	2,617	16,251		28,609 ^f	19,544	0	0
II MILITARY SUPPLIES g										
Combat Vehicles										
II-1A1 Light Tanks	0	0	2	0	0	1,682	1,680	43	0	
II-1A2 Medium Tanks	2,229	1,486	1,715	144	1,620	5,065	4,926	405	0	
II-1B1 Self-Propelled Guns, A.T. 76 mm	0	0	0	0	0	5	5	0	0	
II-1B2 Self-Propelled Guns, A.T. 57 mm	0	0	0	0	0	650	650	0	0	
II-1B3 Self-Propelled Guns, A.T. 3 mm	0	0	0	0	0	52	52	0	0	
II-1B4 Self-Propelled Guns, A.A. 37 mm	0	0	0	0	0	100	100	0	0	
II-1B5 Self-Propelled Guns, A.A. 50 Cal.	0	0	0	0	0	1,000	1,000	0	0	
II-1C Half Tracks	0	0	365	0	418	1,162	1,158	54	0	
II-1D Armored Scout Cars	0	0	(-)-258	0	447	3,310	3,282	228	0	
II-1I Universal Carriers	0	0	0	0	0	0	0	0	0	
Total	2,229	1,486	1,824	144	2,485	13,026	12,853	1,130	0	
Ordnance Service Vehicles										
II-2A Field Repair Trucks	222	102	141	46	155	1,334	1,305	3	0	
II-2B Tank Recovery Units	0	0	0	0	0	130	130	0	0	
II-2C Tank Transporters	400	134	134	51	199	510	483	20	0	
Total	622	236	275	97	354	1,974	1,918	23	0	
Trucks										
II-3A1 Jeeps (1/2 ton 4x4)	6,236	6,236	5,600	481	5,677	49,994	46,339	3,657	1,378	
II-3A2 Jeeps, Amphibian	0	0	197	50	310	3,209	3,110	0	0	
II-3B1 Trucks, 3/4 ton	16,000	8,534	4,520	323	6,746	22,386	22,386	78	598	
II-3B2 Trucks, 1 1/2 ton	41,436	35,340	33,438	626	25,214	146,498	135,833	6,580	1,826	
II-3B3 Trucks, 2 1/2 ton	73,560	46,940	44,941	3,189	38,853	158,410	147,621	4,236	1,130	
II-3B4 Trucks, 2 1/2 ton, Amphibian	300	300	800	61	322	800	322	0	0	
II-3C Trucks, 5 ton and over	1,040	347	384	188	328	438	382	0	0	
II-3D Trucks, Special Purpose	1,700	847	1,009	100	879	1,660	1,417	0	0	
II-3I Truck-Tractors with Trailers	1,275	715	515	40	591	1,481	1,461	6	0	
II-3E (Engines for Trucks)	(0)	(0)	(992)	(280)	(356)	(2,992)	(2,356)	(0)	(0)	
Total Trucks	141,547	99,259	91,404	5,058	78,920	384,876	358,871	14,557	4,932	
Other Vehicles & Track-Laying Tractors										
II-4A1 Motorcycles	12,000	8,647	7,305	830	7,154	33,637	31,270	1,470	1,100	
II-4B1A2 Track-Laying Tractors	2,400	1,600	1,600*	100	1,888	6,700*	6,389	253	0	
II-4B3 Engines for Tractors	2,000	967	70	0	136	1,570	1,568	0	0	
Artillery and Ammunition										
II-5A1 A.A. Guns, 90 mm	124	124	96	2	46	320	270	8	0	
II-5A2 A.A. Guns, 40 mm	0	0	97	0	200	5,678	5,595	196	0	
II-5A3 A.A. Guns, 37 mm	0	0	0	0	0	424	424	16	0	
II-5A4 A.A. Machine Guns, 50 Cal.	0	0	0	0	0	2,000	1,925	0	0	
II-5A7 A.A. Guns, 4.7"	0	0	0	0	0	4	4	0	0	
II-5B1 A.A. Guns, 37 mm	0	0	0	0	0	63	63	28	0	
II-5B4 A.T. Guns, 37 mm	0	0	0	0	0	0	0	0	0	
II-5C1 Submachine Guns, 45 Cal.	0	0	2,000	0	0	142,122	135,633	23,340	0	
II-5D1 Pistols and Revolvers	0	0	0	0	0	13,000	13,000	1,500	0	
II-5F Mortars	0	0	0	0	0	30	30	0	0	
II-5G Smoke Pots (1000 units)	0	0	330	0	0	1,435	1,423	0	0	
II-5H Ammunition (except for Naval Armament) (1000 rds.)	Ammunition Supplied with Armament in Accordance with U.S. Standards									
II-5I Rocket Launchers	0	0	0	0	0	3,000	3,000	0	0	
II-5K Howitzer Guns, 240 mm	2	0	0	0	0	0	0	0	0	
II-5L Guns, 8"	2	0	0	0	0	0	0	0	0	

Notes: a Original U.S. Fourth Protocol offerings adjusted as indicated by U.S.S.R. to conform with shipping possibilities and reasonable stocks exclusive of quantities to be supplied in Annex III.
b Made available from production or by assignment after deduction of quantities repossessed or diverted before export. Includes purchases for cash.
c Quantities exported have arrived in U.S.S.R. or Persian Gulf ports or are enroute except for quantities shown as lost or diverted.
d Assignment of 6 B-24's cancelled by Munitions Assignment Board, 12/20/44.
e Departures from Elizabeth City, N.C.
f Additional quantities of landing mats have been made available from Army Air Force supplies in the Soviet Union.
g In most instances spare parts are supplied in accordance with U.S. Standards.

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

Item	Fourth Protocol Program Performance			Exported		Total Aid - Four Protocols October 1, 1941 to Feb. 28, 1945			
	Adjusted Program a	Program to 2/28/45	Made Available to 2/28/45 b	During Feb. 1945	7/1/44 to 2/28/45	Made Available b	Exported c	Lost Enroute	Diverted Enroute
II MILITARY SUPPLIES (cont.)d									
Explosives (tons)									
II-6A1 Smokeless Powder	50,000	33,334	**	1,200	11,666	**	131,643	4,910	0
II-6A2 Stick Powder	0	0	92	0	602	2,211	2,211	0	0
II-6A3 Other Powder	0	0	36	1	36	40	40	0	0
II-6A4 Cordite Powder	0	0	0	0	0	919	636	0	0
II-6B T.N.T.	60,000	40,000	29,500	2,197	24,185	140,926	122,520	3,849	250
II-6C Dynamite, incl. Ammonite	11,608	7,799	16,550*	1,403	22,654	41,300*	41,271	0	0
II-6D Picric Acid	0	0	23	0	150	2,017	1,535	92	0
II-6E Colloxyline (Nitrocellulose in Alcohol)	0	0	0	303	1,630	8,156	7,090	1,401	86
II-6F (Detonators, Blasting Supplies, etc. \$1000)	(3,248)	(3,248)	(**)	(**)	(**)	(**)	(**)	(**)	(**)
II-6G (Other Explosives & Components, \$1000)	(0)	(0)	(**)	(**)	(**)	(**)	(**)	(**)	(**)
Total Explosives (tons)	121,608	81,073	**	5,104	60,923	**	306,946	10,252	236
Wireless Communication Equipment									
II-7A1 Radio Stations over 1 KW, Marine	153	85	**	**	**	**	**	**	**
II-7A2 Radio Stations over 1 KW, Other			4	0	14	25	25	0	0
II-7B1 Radio Stations 1 KW & Under, Marine	12,100	8,467	**	**	**	**	**	**	**
II-7B2 Radio Stations 1 KW & Under, Other			10,517	1,056	7,556	**	34,852	846	32
II-7C1 Radio Receivers, Marine	2,600	900	**	**	**	**	**	**	**
II-7C2 Radio Receivers, Other			1,629	436	1,772	**	5,398	19	0
II-7D1 Radio Locators, Marine	Under Study		**	**	**	**	**	**	**
II-7D2 Radio Locators, Ground	196	196	379	301	429	**	465	0	0
II-7D3 Radio Locators, Aircraft	Under Study		**	**	**	**	**	**	**
II-7E Radio Direction Finders	200	197	257	0	641	**	705	0	0
II-7F Radio Altimeters	300	300	50	0	0	50	0	0	0
II-7G Radio Beacons	Under Study		0	5	26	**	40	0	0
II-7H Radio Tubes (1000 units)	5,000	3,334	**	**	**	**	**	**	**
II-7I Radio Components, Parts & Acces. (\$1000)	3,438	1,813	2,619	258	1,194	**	3,771	5	0
II-7J Radio Measuring & Testing Equip. (\$1000)			800	261	1,363	**	2,374	2	0
II-7K Radio Compass	1,200	1,200	800	**	**	**	**	**	**
Construction Machinery (\$1000)									
II-8A Road & Airport Construction Equip.	2,925	1,272	1,600*	424	1,142	2,200*	1,749	108	0
II-8B Tractor Mounted Construction Equip.	1,605	714	728	200	300	1,169	717	0	0
II-8C Mixers and Pavers	1,994	840	825	86	680	1,495	1,003	0	0
II-8D R.R. Construction Equipment	0	0	0	0	0	635	635	0	0
Total (\$1000)	6,524	2,826	3,153	710	2,122	5,499	4,104	108	0
R.R. Transportation Equipment									
II-9A1 Steam Locomotives	1,585	1,249	1,044	77	1,016	1,645	1,355	6	0
II-9A3 Diesel-Electric Locomotives	100	67	70	23	50	70	50	0	0
II-9B1 Flat Cars	12,244	8,914	7,244	932	7,632	10,000	9,272	62	0
II-9B2 Dump Cars	1,130	797	630	0	950	1,000	1,000	0	0
II-9B3 Tank Cars	0	0	0	0	3	100	100	0	0
II-9B4 Heavy Machinery Cars	35	35	35	14	24	35	24	0	0
Total (units)	15,094	11,062	9,023	1,046	9,675	12,850	11,801	68	0
Medical Supplies (\$1000)									
II-10 Medical Supplies (Protocol Items Only)	17,500	11,667	7,148	**	**	**	**	**	**
Other Military Items									
II-11A Cableway Bridges	0	0	0	0	0	15	15	0	0
II-11C Portable Pipelines	0	0	0	0	0	2	2	0	0
II-11D Flashlights w/Dry Cells	0	0	0	0	0	100,000	100,000	0	0
II-11E Pontoon Bridges	0	0	25	0	0	25	0	0	0
III NAVAL AND MARINE EQUIPMENT									
Ships, Except Combat									
III-1A Dry Cargo Vessels, Transferred	0	0	19e	9	19	79*	79	0	0
1B Tankers, Transferred	Under Study		(-1)e	0	0	11*	0	0	0
1C Icebreakers, Transferred	0	0	0	0	0	1	1	0	0
1D Tugboats	35	-	13	3	13	13	13	0	0
1F Steam Schooners	0	0	0	0	0	1	1	0	0
1G Pneumatic Floats	120	80	0	0	0	3,000	3,000	552	0
1I Motor Launches	0	0	1	0	1	1	1	0	0
Combat Ships									
III-2A Submarine Chasers, 110'	23	-	23	0	23	46	46	0	0
2B Submarine Chasers, 65'	17	-	17	0	12	80	59	2	0
2C Torpedo Boats	130	-	83	5	89	171	150	3	7
2D Minesweepers	12	-	0	0	0	10	10	0	0
2G Landing Craft	0	0	12	0	22	52	52	9	9

Notes: All tons are 2000 lbs. net weight.

** Data not available

a Original U.S. Fourth Protocol offerings adjusted as indicated by U.S.S.R. to conform with shipping possibilities and reasonable stocks exclusive of quantities to be supplied in Annex III.

b Made available from production or by assignment after deduction of quantities repossessed or diverted before export. Includes purchases for cash.

c Quantities exported have arrived in U.S.S.R. or Persian Gulf ports or are enroute except for quantities shown as lost or diverted.

d In most instances spare parts are supplied in accordance with U.S. Standards.

e Represents number of vessels transferred to the Soviet Flag less number returned to the U.S. Nine dry cargo vessels and eight tankers have been transferred and returned to the U.S. under exchange agreements. Dry cargo vessels include one combination cargo and passenger vessel.

By J. Schauble Date FEB 2 1972

SECRET
Sheet 3

Item	Fourth Protocol Program Performance			Exported		Total Aid - Four Protocols October 1, 1941 to Feb. 28, 1945			
	Adjusted Program a	Program to 2/28/45	Made available to 2/28/45 b	During Feb. 1945	7/1/44 to 2/28/45	Made Available b	Exported c	Lost Enroute	Diverted Enroute
III NAVAL AND MARINE EQUIPMENT (cont.)									
Marine Propulsion Machinery, etc.									
III-3A Marine Diesel Engines	3,529	-	1,368	260	1,571	2,988	2,847	9	0
3B Marine Gasoline Engines	1,743	-	832	63	385	4,472	3,879	46	0
3C Wooden Gas Engines	200	-	54	6	12	54	12	0	0
3D Outboard Motors	850	0	0	0	400	1,300	1,300	0	0
3E Shafting and Ship Propellers (\$1000)	204	-	175	31	136	244	205	0	0
3F Steering Gears (\$1000)	784	-	68	0	0	118	50	0	0
3G Storage Batteries for Submarines	18	-	18	3	16	40	38	0	0
3I Parts and Equip. for Marine Propulsion Mach. (\$1000)	0	0	1,585	253	1,495	2,160	2,068	13	0
Special Ship Equipment									
III-4A Salvage Stations and Diving Gear (\$1000)	670	-	214	47	196	1,080	924	3	0
4B Jetting Apparatus (\$1000)	28	-	0	0	0	109	109	0	0
4D Submarine Rescue Chambers	0	0	0	0	0	1	1	0	0
4E Distilling Apparatus (\$1000)	1,200	-	0	0	0	36	36	0	0
4G Misc. Special Ship Equip. (\$1000)	0	0	6	0	6	9	9	0	0
2D1 Trawling Equip. for Minesweepers (\$1000)	9,000	-	1,863	786	1,863	1,985	1,985	0	0
1D1 Mech. and Elec. Equip. for Tugboats (\$1000)	206	-	406	0	406	538	538	0	0
1H Mech. and Elec. Equip. for Ferryboats (\$1000)	2,540	-	1,218	0	1,218	1,218	1,218	0	0
Naval Artillery and Ammunition									
III-5A 3"/.50 Cal. D.D. Guns	0	0	0	0	0	516	516	3	36
5B 5"/.38 Cal. D.D. Guns	0	0	0	0	0	150	146	6	0
5C .50 Cal. Machine Guns	0	0	0	0	1,000	2,250	2,250	0	0
5F Oerlikon Guns	0	0	0	0	182	2,110	2,110	111	150
5G Spare Parts and Equip. for Naval Guns (\$1000)	0	0	1,850	23	1,850	1,850	1,850	0	0
5H Ammunition for Naval Armaments				Furnished with Armament					
IV FOODSTUFFS (short tons) (2000 lbs. net weight)									
IV-1A Wheat	0	0	0	0	0	55,713	55,713	600	0
1B Wheat Flour	50,000	33,333	43,276	7,115	43,276	575,891	575,891	8,827	5,062
1C1 Other Grains	0	0	0	0	0	5,362	5,362	0	0
1C2 Other Flour	0	0	3,233	35	3,233	30,755	30,755	0	0
1C3 Other Basic Grain Mill Prod.	10,000	6,667	4,496	0	4,496	27,450	27,450	130	0
1C4 Other Finished Cereal and Prod.	25,000	16,667	15,516	0	15,516	101,785	101,785	1,065	528
1D Dried Peas and Beans	35,000	23,333	26,701	5,054	26,701	245,876	245,876	7,905	23,138
1E1 Seeds, Lend Lease	15,000	10,000	19,353	3,317	19,353	35,976	35,976	18	0
1E2 Seeds, PRR	-	-	(150)	(0)	(150)	(2,206)	(2,206)	(0)	(0)
Sub-total	135,000	90,000	112,575	15,521	112,575	1,078,808	1,078,808	18,545	28,728
IV-2A Sugar, U.S.	203,990	135,994	90,345	25,853	90,345	507,262	507,262	16,481	12,364
2B Sugar, Other Sources			44,401	18,027	44,401	120,774	120,774	0	0
Sub-total	203,990	135,994	134,746	43,880	134,746	628,036	628,036	16,481	12,364
IV-3A Canned Dehydrated Meat	7,000	4,667	7,168	38	7,168	14,839	14,839	0	0
3B Canned Tushonka			57,034	8,764	57,034	207,684	207,684	2,110	0
3C1 Other Canned Meat			90,990	10,161	90,990	441,623	441,623	17,449	15,422
3C2 Canned Meat Purchased from U.K. on U.S. account			47,130	9,996	47,130	47,130	47,130	0	0
Sub-total	358,000	238,667	202,322	28,959	202,322	711,276	711,276	19,559	15,422
IV-4B1 Fat Cuts	100,000	66,664	55,909	9,310	55,909	265,982	265,982	3,198	4,142
4B2 Smoked Meats			1,245	0	1,245	17,650	17,650	499	302
4B3 Sausage and Meat Preparations	20,000	13,334	226	0	226	489	489	0	0
4C1 Butter			11,560	782	11,560	62,916	62,916	1,010	735
4C2 Butter Oil	40,000	26,667	8,590	465	8,590	9,551	9,551	0	0
4C3 Carter's Spread			15,302	850	15,302	24,316	24,316	109	0
4A Lard	170,000	113,334	113,250	8,197	113,250	285,784	285,784	7,098	16,846
4D Other Animal Fats and Oils			740	0	740	24,239	24,239	637	539
Sub-total	330,000	219,999	206,822	19,604	206,822	690,927	690,927	12,551	22,564
IV-5A1 Vegetable Oil in Bulk	131,000	87,334	128,064	9,802	128,064	405,421	405,421	672	0
5A2 Vegetable Oil in Drums	0	0	1,299	0	1,299	14,362	14,362	37	0
5B Shortening	22,000	14,667	5,239	0	5,239	30,762	30,762	286	2,140
5C Oleomargarine	22,000	14,667	8,877	1,327	8,877	49,690	49,690	537	0
5D Essential and Floral Oils	0	0	14	2	14	50	50	0	0
Sub-total	175,000	116,668	143,493	11,131	143,493	500,285	500,285	1,532	2,140

Notes: a Original U.S. Fourth Protocol offerings adjusted as indicated by U.S.S.R. to conform with shipping possibilities and reasonable stocks exclusive of quantities to be supplied in Annex III.
b Made available from production or by assignment after deduction of quantities repossessed or diverted before export. Includes purchases for cash.
c Quantities exported have arrived in U.S.S.R. or Persian Gulf ports or are enroute except for quantities shown as lost or diverted.
d Foodstuffs considered made available as shipped.

Item	Fourth Protocol Program Performance			Exported		Total Aid - Four Protocols October 1, 1941 to Feb. 28, 1945			
	Adjusted Program a	Program to 2/28/45	Made Available to 2/28/45 b	During Feb. 1945	7/1/44 to 2/28/45	Made Available b	Exported c	Lost Enroute	Diverted Enroute
IV FOODSTUFFS (short tons) (2000 lbs., net weight)			d			d			
IV-6a Canned Milk	15,000	10,000	12,547	3,671	12,547	24,953	24,953	282	0
6b Dried Milk	35,000	23,334	12,485	1,793	12,485	62,472	62,472	896	4,394
6c Dried Eggs	60,000	40,000	27,651	2,434	27,651	97,490	97,490	4,773	5,296
6d Cheese	17,000	11,334	8,671	0	8,671	28,177	28,177	295	0
6eL Soy Flour	34,000	22,666	4,167	40	4,167	43,177	43,177	1,442	0
6eZ Soy Grits			1,054	0	1,054	19,162	19,162	0	0
6f Fruit and Veg. Pastes and Purees	6,000	4,000	3,764	0	3,764	7,423	7,423	0	0
6g Concentrated Juices	2,000	1,334	22	0	22	1,745	1,745	0	0
6h Dried Fruits	0	0	292	0	292	1,341	1,341	0	0
6i Dried and Dehy. Vegetables	5,000	3,333	3,542	1,342	3,542	7,875	7,875	0	0
6j Dried Soups	3,000	2,000	200	0	200	7,228	7,228	105	0
6k Concentrated Cereals	2,000	1,334	1,152	0	1,152	8,843	8,843	95	0
Sub-total	179,000	119,335	75,547	9,280	75,547	309,886	309,886	7,888	9,690
IV-7a Soap	0	0	1,798	32	1,798	8,070	8,070	110	0
7b Soap Stock	0	0	0	0	0	322	322	0	322
Sub-total	0	0	1,798	32	1,798	8,392	8,392	110	322
IV-8a Canned Fruits	0	0	20	0	20	369	369	0	0
8b Canned Vegetables	0	0	247	0	247	1,667	1,667	0	0
8c Fresh Fruit	0	0	125	0	125	189	189	0	0
8d Fresh Vegetables	0	0	517	0	517	1,763	1,763	0	0
8e Vitamins	609	406	564	80	564	1,110	1,110	5	36
8f Yeast	600	400	215	0	215	1,053	1,053	0	112
8g Tea	0	0	207	0	207	1,083	1,083	0	0
8h Coffee	0	0	418	0	418	7,243	7,243	0	560
8i Salt	0	0	55	0	55	2,181	2,181	0	0
8j Spices	0	0	26	0	26	1,251	1,251	0	0
8k Flavoring Extracts	0	0	1,538	4	1,538	1,705	1,705	2	0
8l1 Nasal Nuts from Turkey	0	0	0	0	0	3,638	3,638	0	0
8l2 Other Nuts	0	0	0	0	0	58	58	0	0
8m Other Foodstuffs	0	0	201	0	201	2,605	2,605	1	0
8n Sugar	0	0	7,068	0	7,068	14,670	14,670	0	0
8o Other Misc. Agr. Products	0	0	7	0	7	10	10	0	0
Sub-total	1,209	806	11,208	4,787	11,208	40,595	40,595	8	708
Miscellaneous Offering	5,000	3,334	-	-	-	-	-	-	-
Total Foodstuffs	1,387,199	924,803	888,511	133,274	888,511	3,968,205	3,968,205	76,674	91,938
V INDUSTRIAL MACHINERY AND EQUIPMENT (\$1000)									
V-1 Engines and Turbines, General Purpose	4,368	2,912	1,554	4	2,242	9,900	9,230	883	0
V-2A Compressors, Marine	0	0	0	0	243	373	370	0	0
V-2B Compressors, Other	5,634	3,463	4,841	788	5,233	13,157	13,154	340	0
V-3A Pumps, Marine	1,168	779	940	76	1,363	2,071	2,002	0	0
V-3B Pumps, Other	7,778	5,186	3,232	625	3,702	10,292	9,869	204	0
V-4 Crushing, Pulverizing & Mixing Machinery	10,575	6,939	1,389	119	1,742	7,565	6,889	83	0
V-5 Conveyors & Conveying Systems	1,114	743	135	25	763	1,450	1,450	0	0
V-6A Winches, Marine	97	65	75	0	129	391	358	-	0
V-6B Cranes, Derricks, Hoists, Other	16,973	11,316	14,965	2,357	16,344	28,773	26,235	58	0
V-7 Industrial Trucks & Tractors	4,834	3,164	2,400*	88	2,195	6,500*	6,228	108	0
V-8a Fan and Blower Equip., Marine	66	44	67	0	0	580	513	0	0
V-8B Fan and Blower Equip., Other	4,234	2,823	1,625	255	1,864	2,464	2,374	0	0
V-9 Mech. Power Transmission Equip.	0	0	1	0	1	71	71	0	0
V-10 Bearings	15,337	10,225	8,042	639	9,713	23,693	23,203	233	0
V-11 Valves and Steam Specialties	4,195	2,798	2,106	502	3,222	7,313	6,775	58	0
V-12 Misc. General Purpose Industrial Machinery and Equip.	1,220	814	520*	16	1,621	4,250*	4,244	4	0
V-13A1 Elec. Rotating Equip., Marine	1,772	1,182	585	125	585	1,623	1,623	0	0
V-13A2 Elec. Rotating Equip., Other	9,128	6,086	4,879	622	4,948	15,944	15,944	349	3
V-13B Generator Sets, Military	2,080	916	1,150*	39	991	24,650*	24,405	623	0
V-13C Generator Sets, Marine	5,404	3,603	3,311	350	3,311	8,182	8,182	0	0
V-13D Generator Sets, Other	74,035	49,358	65,022*	5,231	80,869	122,000*	121,532	74	0
V-14 Primary Electric Power Transmission & Distribution Equip.	4,771 f	3,182	3,114	802	3,074	6,071	5,553	6	0
V-15 Power Conversion Equip.	1,073	716	4,314	0	5,728	6,769	6,766	270	0
V-16a Secondary Distribution Equip. and Wiring Devices, Marine	See V-14		3	0	3	70	70	0	0
V-16B Secondary Distribution Equip. and Wiring Devices, Other	See V-14		291	22	307	1,306	1,263	7	0
V-17 Motor Starters and Controllers	1,957	1,305	356	59	200	1,018	849	33	23
V-18 Electric Lamps	0	0	0	13	16	103	103	-	0
V-19 Misc. Electrical Equip.	321	214	979*	276	1,146	3,000*	2,869	3	0
V-20 Food Products Machinery	224	150	186	29	372	846	658	4	0
V-21 Textile Industries Machinery	13	9	39	4	70	1,034	1,027	109	0
V-22 Pulp & Paper Ind. Machinery	6	4	5	0	11	370	366	5	0

Notes: * Estimated
a Original U.S. Fourth Protocol offerings adjusted as indicated by U.S.S.R. to conform with shipping possibilities and reasonable stocks exclusive of quantities to be supplied in Annex III.
b Made available from production or by assignment after deduction of quantities repossessed or diverted before export. Includes purchases for cash.
c Quantities exported have arrived in U.S.S.R. or Persian Gulf ports or are enroute except for quantities shown as lost or diverted.
d Foodstuffs considered made available as shipped.
e The offering for V-4 includes offering under category V-49, Mining and Quarrying Machinery.
f Includes offering for category V-16B, Secondary Distribution Equipment, other.

By J. Schauble Date FEB 2 1972

Item	Fourth Protocol Program Performance			Exported		Total Aid - Four Protocols October 1, 1941 to Feb. 28, 1945			
	Adjusted Program a	Program to 2/28/45	Made Available to 2/28/45 b	During Feb. 1945	7/1/44 to 2/28/45	Made Available b	Exported c	Lost Enroute	Diverted Enroute
V INDUSTRIAL MACHINERY AND EQUIPMENT (\$1000)									
V-23 Printing Trades Machinery & Equip.	7	5	7	0	7	51	51	0	0
V-24A Tire Plant	0	0	1,008	14	1,008	8,265	8,265	5	0
V-24B Rubber Working Machinery	0	0	129	1	112	129	112	0	0
V-25 Woodworking Machinery	309	206	252	6	417	936	790	12	0
V-26 Metal Melting & Heating Furnaces	5,140	3,427	11,626	326	8,890	27,411	22,770	625	0
V-27 Blast & Reverberating Furnaces	4,743	3,162	3,436	91	4,056	5,113	4,723	0	0
V-28 Foundry Equipment	1,544	1,030	700	103	829	1,676	1,535	15	0
V-29 Spec. Ind. Furnaces, Kilns & Ovens	2,027	1,352	2,214	183	1,967	2,309	1,972	0	0
V-30A Petroleum Refinery Plants	29,000	19,334	2,694*	6	542	40,944*	38,560*	263	0
V-30B Petroleum Refinery Machy & Equip.	25	17	32	0	36	229	146	0	0
V-31 Spec. Machinery for Glass Industry	1,357	905	500	109	129	749	327	0	0
V-32 Spec. Machy. for Chemical Mfg. Ind.	511	343	326	3	413	1,080	1,066	0	0
V-33 Gas Generating, Conditioning and other Gas Producing Apparatus	6,548	4,366	4,160	13	7,904	12,964	11,553	0	0
V-34A Misc. Spec. Ind. Machines	997	665	1,370*	63	3,329	6,500*	6,455	5	0
V-34B Cartridge Mfg. Lines	0	0	1,032*	87	3,251	30,450*	30,196	110	0
V-35 Machine Tools	30,000	20,000	22,000*	3,942	44,552	297,000*	290,658	8,411	0
V-36 Rolling Mills and Auxiliary Equip.	12,172	8,115	14,537	1,444	13,719	24,227	19,188	0	0
V-37 Drawing Machines	950	634	1,190	0	1,953	2,307	2,156	0	0
V-38 Other Primary Metal Forming Machy.	0	0	0	0	0	304	304	0	0
V-39 Secondary Metal Forming Machy.	15,500	10,334	10,000*	1,369	25,265	66,000*	63,950	988	27
V-40A Welding Machines, Marine	0	0	0	0	0	0	0	0	0
V-40B Welding Machines, Other	4,583	3,056	2,266	716	2,543	7,150	7,208	57	0
V-41 Testing & Measuring Machines	1,835	1,224	881	96	1,369	2,555	2,583	25	0
V-42 Misc. Metal Working Equip.	0	0	0	0	0	109	109	8	0
V-43A Portable Metal Working Machines, Marine	143	96	0	0	0	0	0	0	0
V-43B Portable Metal Working Machines, Other	477	318	368	2	440	2,814	2,783	4	0
V-44A Cemented Carbide Cutting Tools	1,350	900	2,232	226	2,468	5,698	5,325	11	0
V-44B Metal Cutting Tools	10,962	7,308	6,924	863	7,379	33,402	31,295	55	0
V-45 Cutting and Forming Tools	13	9	23	26	49	35	49	0	0
V-46 Attach. & Access. for Machine Tools	2,348	1,566	1,261	145	1,443	3,574	3,188	0	0
V-47 Tool Room Specialties	4	3	92	50	51	115	51	0	0
V-48 Agric. Mach. & Implements except Tractors	190	127	137	7	278	703	686	0	0
V-49 Mining and Quarrying Machinery	See V-4	See V-4	640	149	552	1,373	1,048	0	0
V-50 Earth & Rock Boring & Drilling Machinery and Accessories	2,013	1,342	1,764	0	2,939	8,135	8,094	145	0
V-51 Well & Blast Hole Drilling Machinery	2,180	1,454	729	2	1,090	6,772	6,361	0	0
V-52 Excavating & Dredging Machinery	14,690	9,414	10,735	1,794	11,887	30,393	29,198	362	1,005
V-53 Misc. Construction Equipment	0	0	4	0	22	1,015	795	0	0
V-54 Office Machines	0	0	9	3	9	63	63	0	0
V-55 Miscellaneous Machinery	255	170	232	0	423	1,367	1,165	2	0
V-58B Teletype Apparatus	2,196	945	1,028	73	1,295	2,268	2,252	0	0
V-58C1 Field Telephones*	5,000	2,667	3,512	860	3,096	19,051	18,170	1,754	26
V-58C1 Field Telephones (units)	(100,000)	(62,333)	(74,727)	(18,270)	(66,833)	(412,569)	(392,370)	(37,328)	(0)
V-58C2 Other Telephone & Telegraph Equip.	10,321	6,341	2,031	298	3,479	11,620	11,620	48	0
V-58D Sound Equipment	43	29	36	0	26	525	513	-	0
V-58E Automatic Block Signal Equip.	2,809	1,873	4,845	534	8,790	10,875	10,869	0	0
V-59A Industrial Type Locomotives, Rail Cars & Parts	3,293	2,421	1,336	0	249	1,467	1,322	26	0
V-59B Mine Type Locomotives, Rail Cars and Parts	885	590	22	0	66	139	139	0	0
V-60 Passenger Vehicles and Parts	190	169	337	0	322	532	495	3	0
V-61 Air Conditioning & Refrigeration Equip.	1,005	746	313	75	269	355	311	0	0
V-62A Lighting Fixtures, Marine	644	430	471	63	471	880	880	0	0
V-62B Lighting Fixtures, Other	94	63	133	0	133	386	386	33	0
V-63 Photographic Equipment	36	24	62	3	57	1,868	1,603	75	0
V-64A Optical, Indicating, Recording and Control Instruments	2,035	1,357	1,962	432	2,402	5,730	5,386	52	0
V-64B Navigation Instruments	6	4	278	15	278	325	325	0	0
V-65 Professional & Scientific Instruments	928	619	339	68	352	1,330	1,227	38	0
V-66 Misc. Equipment	0	0	9	-	23	440	404	34	0
V-67 Hand Tools - Non-powered	867	578	538	152	544	2,816	2,607	17	0
V-68 Mechanics Measuring Tools	3,032	2,022	1,153	105	1,235	3,127	3,140	1	0
V-69A Boilers, Marine	81	54	52	3	52	70	70	0	0
V-69B Power Boilers, Industrial	7,000	4,667	6,993	1,577	6,285	16,283	11,530	0	0
V-70 Agric. Tractors, except Track-laying	0	0	2,163	571	2,047	2,165	2,047	0	0
Total Machinery and Equipment	370,715 d	243,277	256,245	29,734	334,819	1,027,998	984,249	16,644	1,084

Notes: * Estimated

a Original U.S. Fourth Protocol offerings adjusted as indicated by U.S.S.R. to conform with shipping possibilities and reasonable stocks exclusive of quantities to be supplied in Annex III.

b Made available from production or by assignment after deduction of quantities repossessed or diverted before export. Includes purchases for cash.

c Quantities exported have arrived in U.S.S.R. or Persian Gulf ports or are enroute except for quantities shown as lost or diverted.

d Total guaranteed for delivery on or before June 30, 1945. An additional amount of \$279,931,000 may be placed in production before June 30, 1945 without guarantee of delivery within a specified period. In addition, equipment valued at \$481,807,000 may be placed in production upon execution of an agreement supplementary to the U.S.S.R. Master Lend-Lease Agreement.

Item	Fourth Protocol Program Performance			Exported		Total Aid - Four Protocols October 1, 1941 to Feb. 28, 1945			
	Adjusted Program a	Program to 2/28/45	Made Available to 2/28/45 b	During Feb. 1945	7/1/44 to 2/28/45	Made Available b	Exported c	Lost Enroute	Diverted Enroute
VI MATERIALS AND PRODUCTS									
Steel (tons)									
VI-1-10 Bimetal	24,000	16,000	12,273	706	12,480	43,299	41,984	1,060	0
VI-1-14 Armor Plate	0	0	0	0	0	8,951	8,951	2,897	267
VI-1-16 Polished Drill Rods	480	322	311	38	267	803	724	2	0
VI-1-17 High Speed Tool Steel	6,700	4,467	3,860	413	3,862	13,608	13,023	554	22
VI-1-18 Tool Steel	18,280	12,188	12,375	1,404	12,140	41,549	39,427	1,290	48
VI-1-19 Cold Finished Bars	53,000	35,334	35,659	4,622	34,463	167,222	153,830	7,407	671
VI-1-20 H.R. Aircraft Steel	70,000	46,667	46,610	3,947	40,968	218,241	205,782	2,983	0
VI-1-21 Cr. Si. Mn. Billets	15,000	10,000	16,959	3,987	27,968	113,156	111,752	9,705	509
VI-1-22 Cold Rolled Sheets	17,000	11,334	17,765	1,857	11,517	104,398	94,572	29,652	1,709
VI-1-22A Cold Rolled Strip	9,000	6,000	8,334	1,918	9,544	84,468	82,484	13,796	798
VI-1-23 Stainless Steel	4,000	2,667	3,067	184	4,779	12,503	12,221	98	0
VI-1-24 Timpate	50,000	33,334	31,770	7,039	38,270	157,360	149,163	11,274	2,871
VI-1-25 Steel Wire	33,600	22,406	26,403	3,445	25,933	108,418	106,810	5,958	673
VI-1-26 Wire Rope	10,000	6,667	4,652	1,249	7,269	34,562	33,751	818	0
VI-1-27 Steel Alloy Tubes	20,010	13,341	14,083	882	23,713	65,557	58,366	336	53
VI-1-28 Stainless Steel Wire	2,000	1,334	779	5	1,245	4,995	4,883	119	13
VI-1-29 Special Alloy Wire	1,000	667	329	53	711	4,034	3,849	127	0
VI-1-31 Barbed Wire and Staples	0	0	(-542)	0	2,311	52,041	50,643	10,758	200
VI-1-32 Pipe and Tubing	75,352	50,237	64,596	19,554	74,034	230,508	189,727	16,301	1,654
VI-1-33 H.R. Sheets and Plates	125,000	83,336	124,752	11,128	134,542	364,188	334,972	19,372	2,357
VI-1-34 Wire Nails and Tanks	6,000	4,000	5,146	770	6,607	14,857	13,703	43	0
VI-1-101 R.R. Rails & Accessories	300,000	200,000	241,927	10,192	163,840	612,838	519,772	24,354	1,421
VI-1-102 Mounted Sets, Wheels & Axles	0	0	0	0	202	24,707	24,350	90	0
VI-1-103 Car Axles	0	0	0	0	0	36,506	35,554	1,367	0
VI-1-104 Locomotive Car Wheel Tires	20,000	13,334	14,016	1,709	9,885	36,925	31,652	53	0
VI-1-105 Rolled Steel Car Wheels	0	0	3,308	0	5,152	22,571	22,020	98	0
VI-1-107 Locomotive Axles	0	0	0	0	0	253	252	0	0
VI-1-108 Electric Locomotive Axles	0	0	0	0	0	300	222	0	0
Total Steel	860,422	573,635	688,412	75,102	651,702	2,578,818	2,344,439	158,512	13,269

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

	July 1944 to February 1945	October 1941 to February 1945		July 1944 to February 1945	October 1941 to February 1945
VI-1-19 Cold Finished Bars	(-) 67	893	VI-1-26 Wire Rope	85	515
VI-1-20 H.R. Aircraft Steel	0	482	VI-1-31 Barbed Wire & Staples	376	17,750
VI-1-21 Cr. Si. Mn. Billets	(-)369	17,733	VI-1-32 Pipe & Tubing	777	60,985
VI-1-22 Cold Rolled Sheets	33	3,375	VI-1-33 H.R. Sheets & Plates	0	17,396
VI-1-22A Cold Rolled Strip	(-)1,160	27,008			
VI-1-25 Steel Wire	(-)2,915	29,445	Total Released (tons)	(-)3,240	175,582

Ferro Alloys (tons)									
VI-2A Ferro-Silicon	0	0	0	168	8,341	8,246	1,050	28	0
VI-2B Ferro Chromium	0	0	0	57	4,197	4,197	494	0	0
VI-2C Ferro-Phosphorus	0	0	0	0	4	4	0	0	0
VI-2D Ferro-Vanadium	200	134	0	332	558	558	0	0	0
VI-2E Ferro-Tungsten	560	374	953	100	1,526	1,526	0	0	0
VI-2F Ferro-Molybdenum	1,200	800	1,386	150	1,434	2,528	2,506	0	0
VI-2G Manganese Metal	0	0	0	0	11	11	0	0	0
VI-2H Other Ferro Alloys	0	0	100	0	100	100	0	0	0
Total Ferro Alloys	1,960	1,308	2,439	250	3,043	17,265	17,148	1,544	28
Non-Ferrous Metals (tons)									
VI-3A1 Copper Electrolytic	0	0	2,557	0	2,550	17,951	17,941	0	0
VI-3A2 Copper Tubes, etc.	5,000	3,750	3,681	134	7,338	35,153	35,035	1,194	62
VI-3A3 Copper Base Alloys	80,000	53,334	64,873	5,734	79,847	340,689	335,865	17,014	125
VI-3A4 Bare Copper Cable and Wire	19,000	12,667	13,725	1,904	14,754	20,364	20,199	0	0
VI-3B1 Aluminum Ingots and Wire Bars	87,200	58,134	83,485	2	90,470	193,908	192,947	5,294	14
VI-3B2 Fabricated Aluminum			14	304	21,233	74,518	74,518	2,393	0
VI-3B3 Aluminum Foil			6	6	14	172	172	0	0
VI-3C Magnesium	4,000	2,667	3,360	0	3,275	9,412	9,060	0	0
VI-3D1 Pig Nickel	5,480	3,654	4,651	0	4,397	13,773	12,511	828	0
VI-3D2 Monel Scrap	0	0	0	0	0	415	413	0	0
VI-3D3 Nichrome Wire and Strip	538	359	352	46	282	1,591	1,504	115	0
VI-3D4 Other Nichrome Basic Shapes			163	2	224	925	919	0	0
VI-3D5 Nickel Foil			0	0	0	5	5	0	0
VI-3D6 Other Pure Nickel Shapes	28	19	27	4	27	287	273	13	0
VI-3E1 Tin	1	0	1	0	-	11	11	0	0
VI-3E2 Tin Foil	0	0	0	0	0	53	53	4	0
VI-3E3 Babbitt	0	0	45	0	126	283	282	2	0
VI-3F Zinc	0	0	3,070	0	2,876	57,342	57,148	2,323	0
VI-3G Lead	20,000	13,334	20,576	0	20,014	20,619	20,057	0	0
VI-3H1 Cadmium	224	150	179	0	179	493	493	0	0
VI-3H2 Cerium	0	0	0	0	0	18	18	0	0
VI-3H3 Cobalt	90	60	90	0	90	378	345	0	0
VI-3H4 Mercury	0	0	0	0	0	895	895	0	0
VI-3H5 Sodium	0	0	0	0	50	1,494	1,494	258	0
VI-3H9 Misc. Non-Ferrous Metals	0	0	88	0	91	100	100	0	0
Total Non-Ferrous Metals	221,561	148,128	212,590	8,136	247,837	790,849	782,258	28,141	201

Notes: All tons are 2000 lbs. net weight.

a Original U.S. Fourth Protocol offerings adjusted as indicated by U.S.S.R. to conform with shipping possibilities and reasonable stocks exclusive of quantities to be supplied in Annex III.

b Made available from production or by assignment after deduction of quantities repossessed or diverted before export. Includes purchases for cash.

c Quantities exported have arrived in U.S.S.R. or Persian Gulf ports or are enroute except for quantities shown as lost or diverted.

Item	Fourth Protocol Program Performance			Exported		Total Aid - Four Protocols October 1, 1941 to Feb. 28, 1945			
	Adjusted Program a	Program to 2/28/45	Made Available to 2/28/45 b	During Feb. 1945	7/1/44 to 2/28/45	Made Available b	Exported c	Lost Enroute	Diverted Enroute
VI MATERIALS AND PRODUCTS (cont.)									
Other Metals and Products									
VI-4A Molybdenum Concentrates (tons)	4,480	2,987	4,400*	1,119	4,400*	16,800*	16,800*	1,430	0
VI-4B Misc. Metallic Ores, Tailings, Concentrates (tons)	0	0	0	0	0	3	3	0	0
VI-5 Pig Iron (tons)	0	0	0	0	3,726	8,188	7,990	0	0
VI-6A1 Marine Cable (miles)	See VI-6A4		676	30	707	2,358	2,072	129	0
VI-6A2 Submarine Cable (miles)	See VI-6A4		249	32	249	1,088	1,082	50	0
VI-6A3 Field Telephone Wire (miles)	186,000		99,934	15,416	114,770	**	1,048,785	129,120	197
VI-6A4 Other Insulated Wire and Cable (\$1000)	12,000 d	8,000	13,088	1,399	14,040	58,001	53,536	816	0
VI-6A5 Copper Magnet Wire (\$1000)	See VI-6G		31	9	31	142	142	0	0
VI-6B1 Wire Cloth and Screen (\$1000)	385	257	384	15	673	2,117	2,093	7	0
VI-6B2 Wire Netting and Fencing (tons)	450	300	509	81	509	787	787	0	0
VI-6C Fab. Structural Iron and Steel (tons)	1,237	825	1,208	**	2,415	4,198	4,152	0	0
VI-6D Chains and Attachments (tons)	4,280	2,854	**	255	3,294	**	5,101	0	0
VI-6E Bolts, Nuts, Screws, Rivets, Washers, etc. (tons)	8,000	5,334	3,189	498	3,707	8,419	6,233	0	0
VI-6F Other Fab. Metal Basic Products (\$1000)	27	18	70	42	70	210	206	0	0
VI-6G Special Fine Wires, Strips, etc. (tons)	386 e	258	223	31	189	618	549	4	0
VI-6H Sucker Hods (tons)	4,000	2,667	289	0	289	1,361	1,361	0	0
VI-6I Pipe Fittings (tons)	0	0	141	0	120	208	187	0	0
VI-6J Welding Electrodes (tons)	0	0	787	340	943	3,316	3,114	0	0
VI-7A Anchors (tons)	1,002	668	611	142	611	960	960	0	0
VI-7B Other Metal End Products (\$1000)	136	91	6	279	499	1,367	1,270	6	0
VI-8 Coal, Crude Petroleum, etc. (tons)	0	0	7	0	7	7	7	0	0
Petroleum Products & Additives (tons)									
VI-9A Aviation Gas over 99 Octane	100,000	66,667	279,398	63,936	279,398	431,625	431,625	0	37,649
VI-9B Aviation Gas 87 thru 99 Octane	See VI-9K		0	0	0	81,645	81,645	2,069	24,465
VI-9C Aviation Gas 87 Octane and Under	See VI-9K		0	0	0	1,976	1,976	0	0
VI-9D Automotive Gas	See VI-9K	25,577	616	25,577	108,628	108,628	108,628	0	11,682
VI-9E Gasoline Blending Agents	300,000 200,000	231,312	12,751	231,312	650,864	650,864	17,236	12,373	
VI-9F Kerosene	See VI-9K	2,101	0	2,101	10,047	10,047	10,047	0	0
VI-9G Fuel Oils	See VI-9K	24,880	167	24,880	102,193	102,193	102,193	0	0
VI-9H Lubricating Oils & Greases	25,000 16,667	32,648	456	32,648	67,278	67,278	1,678	0	0
VI-9I Petroleum Waxes	See VI-9K	765	0	765	6,399	6,399	204	199	
VI-9J Chemical Additives	1,000	667	1,029	152	1,029	5,382	5,382	0	81
VI-9K Other	74,000 f	49,334	116	1	116	197	197	-	0
Sub-total	500,000	333,335	597,826	78,079	597,826	1,466,234	1,466,234	21,187	86,449
From U.K. for U.S. Account (Replacement to U.K. from U.S.)									
Aviation Gas over 99 Octane	-	-	7,648	0	7,648	53,285	53,285	0	0
Aviation Gas 87 thru 99 Octane	-	-	0	0	0	14,719	14,719	0	0
Total	500,000	333,335	605,474	78,079	605,474	1,534,237	1,534,237	21,187	86,449
From Abadan for U.S. Account (Replacement to British from U.S.)									
Aviation Gas over 99 Octane	300,000	200,000	269,763	36,113	269,763	428,486	428,486	-	-
Gasoline Blending Agents			51,352	5,627	51,352	78,950	78,950		
Chemicals									
Basic Inorganic (tons)									
VI-10A1 Ammonium Chloride	0	0	(-12,249)	0	0	748	726	0	0
VI-10A2 Ammonium Nitrate	0	0	0	0	0	3,394	3,394	113	0
VI-10A3 Ammonium Sulphocyanide	0	0	0	0	0	3	3	0	0
VI-10A4 Barium Peroxide	0	0	0	0	0	131	131	0	0
VI-10A5 Boric Acid	0	0	0	0	140	1,243	1,243	167	0
VI-10A6 Calcium Carbide	124	83	125	0	129	776	659	0	0
VI-10A7 Calcium Chloride	45	30	45	0	40	857	855	0	0
VI-10A8 Caustic Soda	30,000	20,000	15,214	441	20,017	84,932	83,073	707	0

Notes: All tons are 2000 lbs. net weight.

- a Original U.S. Fourth Protocol offerings adjusted as indicated by U.S.S.R. to conform with shipping possibilities and reasonable stocks exclusive of quantities to be supplied in Annex III.
- b Made available from production or by assignment after deduction of quantities repossessed or diverted before export. Includes purchases for cash.
- c Quantities exported have arrived in U.S.S.R. or Persian Gulf ports or are enroute except for quantities shown as lost or diverted.
- d Includes offering for VI-6A1 and A2. Quantity shown represents copper content.
- e Includes offering under VI-6A5.
- f Includes offering under categories VI-9B, C, D, F, G and I.

Item	Fourth Protocol Program Performance			Exported		Total Aid - Four Protocols October 1, 1941 to Feb. 28, 1945			
	Adjusted Program a	Program to 2/28/45	Made Available to 2/28/45 b	During Feb. 1945	7/1/44 to 2/28/45	Made Available b	Exported c	Lost Enroute	Diverted Enroute
VI MATERIALS AND PRODUCTS (cont.)									
Chemicals									
Basic Inorganic (cont.) (tons)									
VI-10A9 Phosphorus	175	118	(-)161	0	0	2,689	2,555	485	0
VI-10A10 Potassium Carbonate	56	38	56	0	56	784	784	0	0
VI-10A11 Potassium Chlorate	0	0	0	0	0	1,344	901	0	0
VI-10A12 Potassium Dichromate	1,500	1,000	284	63	295	1,156	1,133	0	0
VI-10A13 Potassium Nitrate	0	0	(-)370	0	12	2,190	2,190	0	0
VI-10A14 Potassium Sulphate	0	0	0	0	0	580	580	0	45
VI-10A15 Potassium Tetraoxide	350	234	186	10	216	636	636	11	0
VI-10A16 Soda Ash	0	0	0	0	326	2,191	2,190	0	0
VI-10A17 Sodium Cyanide	900	600	455	0	570	983	930	0	0
VI-10A18 Sodium Bromide	0	0	(-)327	0	0	1,812	1,812	334	43
VI-10A19 Thorium Nitrate	0	0	0	0	0	12	12	6	0
VI-10A20 Sodium Dichromate	See VI-10A-12	227	227	40	266	1,361	1,329	55	0
VI-10A99 Misc. Inorganic Chemicals	607	405	298	97	858	2,10	1,911	17	0
Basic Organic (tons)									
VI-10B1 Acetone	6,000	4,000	3,402	247	4,692	10,599	10,468	671	0
VI-10B2 Aniline Oil	0	0	0	0	0	3,521	3,521	927	16
VI-10B3 Anthracene	0	0	0	0	0	9	9	0	0
VI-10B4 Butyl Acetate	4,000	2,667	2,279	311	2,511	4,603	4,340	97	0
VI-10B5 Butyl Alcohol	6,000	4,000	3,430	814	3,765	6,553	6,393	103	0
VI-10B6 Camphor	800	534	811	121	678	1,142	1,009	0	0
VI-10B7 Casein	1,700	1,134	1,700	0	1,972	3,944	3,919	0	0
VI-10B8 Citric Acid	0	0	4	0	4	1,100	1,100	56	0
VI-10B9 Cresols	0	0	0	0	130	441	422	61	0
VI-10B10 Dibutyl Phthalate	1,500	1,000	976	301	1,139	6,683	6,107	859	70
VI-10B11 Diethylene Glycol	0	0	1,720	323	1,570	2,272	2,096	0	0
VI-10B12 Dimethyl Aniline	0	0	(-)160	-	-	2,350	2,302	420	0
VI-10B13 Diphenylamine	0	0	0	0	0	2,080	1,489	256	0
VI-10B14 Diphenylguanidine	64	43	76	0	107	456	444	0	0
VI-10B15 Ethyl Acetate	5,000	3,334	2,864	173	2,744	4,180	4,060	0	0
VI-10B16 Ethyl Alcohol from U.S. Ethyl Alcohol from U.K. for U.S. Account. (Replacement to U.K. from U.S.)	180,000	120,000	146,227	16,315	146,227	307,751	307,751	159	0
VI-10B17 Ethylene Chlorohydrine	0	0	0	0	0	20,187	20,187	0	0
VI-10B18 Ethylene Dibromide	0	0	0	0	0	232	232	0	0
VI-10B19 Ethylene Glycol	4,000	2,667	3,997	0	4,009	12,741	12,674	189	0
VI-10B20 Formaldehyde	0	0	0	0	0	560	494	62	0
VI-10B21 Furfural	820	547	613	60	592	913	892	0	0
VI-10B22 Glycerine from U.S. Glycerine, Lend-Lease Retransferred from U.K.	4,400	2,934	3,070	431	4,093	14,916	14,772	301	0
VI-10B23 Hexamine (Urotropine)	600	400	(-)611	0	688	13,701	12,933	358	195
VI-10B24 Methanol	12,000	8,000	6,521	1,476	5,585	25,447	24,136	3,242	371
VI-10B25 Naphthene Acid	0	0	0	0	473	601	601	0	0
VI-10B26 Phenol	12,000	8,000	7,444	1,781	10,694	37,378	35,748	1,732	171
VI-10B27 Potassium Butyl Xanthogenate	1,350	900	675	0	917	2,204	2,173	56	0
VI-10B28 Resorcin	0	0	0	0	0	120	111	0	0
VI-10B29 Rhodamine	0	0	0	0	0	6	6	0	0
VI-10B30 Saccharin	372	248	236	17	251	614	614	18	-
VI-10B31 Strontium Oxalate	0	0	0	0	0	96	88	4	0
VI-10B32 Toluol	39,574	22,383	39,231	2	39,231	102,356	102,356	3,193	359
VI-10B33 Trichlorethylene	0	0	0	0	0	252	252	0	0
VI-10B34 Paraphenitidin and Paranitrochlorobenzol	158	106	174	0	107	598	531	0	0
VI-10B99 Misc. Organic Chemicals	878	586	1,852	184	1,830	4,642	4,118	25	0
Gases									
VI-10C Gases, Compressed & Liquefied (\$1000)	(9)	(6)	(27)	(0)	(27)	(38)	(38)	(0)	(0)
Paints, Pigments, etc. (tons)									
VI-10D1 Paints, Varnishes, Lacquers, etc.	562	375	1,000	0	688	1,878	1,316	0	0
VI-10D2 Carbon and Lamp Black	2,240	1,494	2,074	68	2,096	4,543	4,543	0	0
VI-10D3 Other Pigments	406	271	447	2	1,486	2,962	2,656	52	0
VI-10D9 Dryers, etc.	0	0	-	0	0	-	-	0	0
VI-10E Fertilizers	0	0	0	0	0	0	0	0	0
Plastics									
VI-10G1 Phenol Formaldehyde Resins	0	0	5	-	-	1,223	1,188	79	0
VI-10G2 Vulcanized Fibre	1,000	667	409	0	365	4,966	4,740	496	3
VI-10G3 Cellulose Film Base	677	452	550	18	78	1,020	469	0	0
VI-10G9 Other Plastics	13	9	554	14	349	629	431	0	0

Notes: All tons are 2000 lbs. net weight.

a Original U.S. Fourth Protocol offerings adjusted as indicated by U.S.S.R. to conform with shipping possibilities and reasonable stocks exclusive of quantities to be supplied in Annex III.

b Made available from production or by assignment after deduction of quantities repossessed or diverted before export. Includes purchases for cash.

c Quantities exported have arrived in U.S.S.R. or Persian Gulf ports or are enroute except for quantities shown as lost or diverted.

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

SECRET
Sheet 9

Item	Fourth Protocol Program Performance			Exported		Total Aid - Four Protocols October 1, 1941 to Feb. 28, 1945			
	Adjusted Program a	Program to 2/28/45	Made Available to 2/28/45 b	During Feb. 1945	7/1/44 to 2/28/45	Made Available b	Exported c	Lost Enroute	Diverted Enroute
VI MATERIALS AND PRODUCTS (cont.)									
Misc. Chemicals Including Industrial (tons)									
VI-10H1 Ammonia Rubber Paste	216	144	201	0	201	677	677	0	0
VI-10H2 Ethyl Centralite	350	234	214	0	312	2,016	1,925	0	0
VI-10H3 Boiler Compounds	51	34	101	0	367	1,545	1,477	22	0
VI-10H4 Misc. Flotation Reagents	400	267	190	83	191	670	629	0	0
VI-10H5 Twitcomb Reagents	0	0	0	0	181	800	800	0	0
VI-10H6 Photo Gelatin	250	167	99	25	101	250	222	0	0
VI-10H99 Other Chemicals	435	290	420	9	463	986	910	44	0
Total Chemicals	321,573	210,395	246,578	23,426	263,812	736,845	724,848	15,377	1,273

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

	July 1, 1944- Feb. 28, 1945 (short tons)	Oct. 1, 1941- Feb. 28, 1945 (short tons)		July 1, 1944- Feb. 28, 1945 (short tons)	Oct. 1, 1941- Feb. 28, 1945 (short tons)
VI-10A1 Ammonium Chloride	2,249	4,077	VI-10B14 Diphenylguanidine	0	13
VI-10A2 Ammonium Nitrate	0	2,406	VI-10B18 Ethylene Dibromide	0	2,550
VI-10A4 Barium Peroxide	0	201	VI-10B19 Ethylene Glycol	96	103
VI-10A9 Phosphorus	212	1,239	VI-10B22 Glycerin	207	207
VI-10A13 Potassium Nitrate	371	1,422	VI-10B24 Methanol	99	721
VI-10A14 Potassium Sulphate	0	1,246	VI-10B26 Phenol	534	534
VI-10A18 Sodium Bromide	326	1,091	VI-10B32 Toluol	313	10,404
VI-10A99 Potassium Permanganate	0	11	VI-10B99 Miscellaneous	0	7
VI-10B2 Aniline Oil	0	2,207	VI-10B2 Ethyl Centralite	0	20
VI-10B12 Dimethylaniline	160	160	VI-10B23 Urotropine (Hexamine)	611	611
			Total Chemicals Released	5,178	29,230

Textiles									
VI-11A Cotton Cloth (1000 yds.)	25,084	16,723	**	1,531	33,869	**	103,081	2,662	0
VI-11B Woolen Cloth (1000 yds.)	20,712	13,808	**	1,195	16,835	**	54,358	1,219	0
VI-11C Webbing (1000 yds.)	0	0	200	0	23,562	61,490	58,616	2,427	0
VI-11D Tarpsulin (1000 yds.)	3,000	2,000	949	221	2,303	12,802	12,400	74	0
VI-11E Other Cloth (1000 yds.)	0	0	0	0	0	0	0	0	0
VI-11F Cordage and Twine (tons)	8,000	5,334	7,315	147	7,230	14,506	14,222	90	0
VI-11G Other Basic Textiles (\$1000)	1,493	996	1,956	6	1,792	4,639	4,090	0	0
VI-12A Fish Nets (tons)	386	258	481	56	633	1,281	1,123	0	0
VI-12B Other Textile Products (\$1000)	56	38	1,835	5	3,075	7,851	7,851	206	0
Leather									
VI-13 Leather (tons)	11,963	7,976	6,358	1,701	8,172	51,809	49,750	4,756	469
VI-14 Leather Products (\$1000)	9	6	217	0	282	350	312	0	0
Rubber									
VI-15 Crude Rubber (tons)	168 d	112	269	0	269	269	269	0	0
VI-16A Vistanex (tons)	410 d	274	381	0	356	1,068	1,004	28	0
VI-16B Other Synthetic Rubber (tons)	112 d	75	227	75	188	227	188	0	0
VI-17A Shock Absorber Cord (1000 yds.)	0 d	0	0	0	0	230	171	5	0
VI-17B Other Rubber Material (\$1000)	506 d	338	653	30	762	4,522	4,295	68	0
VI-18A Tires (1000 units)	Not Guaranteed	773	111	773	3,415	3,397	3,397	98	61
VI-18A Tubes (1000 units)	Not Guaranteed	778	132	794	3,530	3,373	3,373	95	63
VI-18B Rubber Hose (\$1000)	1,532 d	1,022	1,696	277	2,009	7,809	7,521	155	0
VI-18C Other Rubber Products (\$1000) except Apparel	15,320	10,214	5,351	460	5,964	18,951	18,365	174	0
Footwear									
VI-19A Army Boots (1000 prs.)	5,000	3,334	4,560	262	4,073	13,880	13,054	570	6
VI-19B Ski Boots (1000 prs.)	0	0	0	0	41	225	225	0	0
VI-19C Rubber Boots and Shoes (\$1000)	125	84	244	13	299	1,306	1,226	0	0
VI-19D Other Boots and Shoes (\$1000)	952	635	2,221	0	2,221	4,133	4,133	14	0

Notes: All tons are 2000 lbs. net weight.

a Original U.S. Fourth Protocol offerings adjusted as indicated by U.S.S.R. to conform with shipping possibilities and reasonable stocks exclusive of quantities to be supplied in Annex III.

b Made available from production or by assignment after deduction of quantities repossessed or diverted before export. Includes purchases for cash.

c Quantities exported have arrived in U.S.S.R. or Persian Gulf ports or are enroute except for quantities shown as lost or diverted.

d Additional quantities included in offering under category VI-18C.

Item	Fourth Protocol Program Performance			Exported		Total Aid - Four Protocols October 1, 1941 to Feb. 28, 1945			
	Adjusted Program a	Program to 2/28/45	Made Available to 2/28/45 b	During Feb. 1945	7/1/44 to 2/28/45	Made Available b	Exported c	Lost Enroute	Diverted Enroute
VI MATERIALS AND PRODUCTS (cont.)									
Apparel Except Footwear									
VI-20A Leather Jackets (1000 units)	20	13	28	**	**	203	**	**	**
VI-20B Leather Belts (1000 units)	42	28	122	0	295	2,758	2,725	193	0
VI-20C Misc. Leather Apparel (\$1000)	121	81	123	**	**	123	**	**	**
VI-20D Rubber Apparel (\$1000)	274	18	23	**	**	23	**	**	**
VI-20E Other Apparel (\$1000)	496	331	851	107	2,835	13,378	13,356	70	0
Abrasive									
VI-21A Abrasive Grain (tons)	8,700	5,800	7,154	318	5,853	17,418	15,108	91	0
VI-21B Abrasive Products (\$1000)	6,000	4,000	5,242	336	4,071	15,641	14,462	958	33-
Carbon and Graphite									
VI-22A Graphite Powder (tons)	1,913	1,276	1,171	0	505	4,155	2,941	201	0
VI-22B Graphite & Carbon Electrodes (tons)	6,350	4,234	3,551	1,040	4,819	19,514	19,380	1,470	25
VI-22C Other Graphite Material (\$1000)	550	367	246	4	372	1,657	1,657	100	0
Paper and Products									
VI-23A Parchment Paper (tons)	1,680	1,120	434	38	456	3,092	2,986	0	0
VI-23B Map Paper (tons)	3,000	2,000	3,720	178	3,805	7,217	7,217	265	0
VI-23C Cigarette Paper (tons)	0	0	128	0	128	1,054	1,054	68	0
VI-23D Condenser Paper (tons)	150	100	113	0	86	378	341	0	0
VI-23E Other Pulp Paper, etc. (tons)	4,713	3,142	478	**	**	584	**	**	**
VI-24 Paper Products (\$1000)	12	8	12	**	**	53	**	**	**
Photographic Material									
VI-25A1 Photographic Film and Paper (\$1000)	24	16	512	106	520	921	921	0	0
VI-25A2 Reproduction Paper Stock (\$1000)	824	550	171	0	108	171	108	0	0
VI-25B Finished Pictures (\$1000)	0	0	6	0	6	6	6	0	0
VI-25C Misc. Photographic Material (\$1000)	0	0	0	0	0	0	0	0	0
Asbestos									
VI-26A Asbestos (tons)	0	0	0	0	0	0	0	0	0
VI-26B Asbestos Material (\$1000)	100	67	156	48	136	363	337	4	0
Other									
VI-27 Buttons (\$1000)	357	238	633	4	944	1,645	1,645	49	0
VI-97 Other Crude Material (\$1000)	0	0	5	**	**	5	**	**	**
VI-98 Other Basic Material (\$1000)	21	14	33	-	58	113	112	0	0
VI-99 Other End Products (\$1000)	10	7	118	1	118	631	631	56	0

Notes: All tons are 2000 lbs. net weight.

** Data not available.

a Original U.S. Fourth Protocol offerings adjusted as indicated by U.S.S.R. to conform with shipping possibilities and reasonable stocks exclusive of quantities to be supplied in Annex III.

b Made available from production or by assignment after deduction of quantities repossessed or diverted before export. Includes purchases for cash.

c Quantities exported have arrived in U.S.S.R. or Persian Gulf ports or are enroute except for quantities shown as lost or diverted.

d Additional quantities included in offering under category VI-18C.

~~SECRET~~

PSF

FOREIGN ECONOMIC ADMINISTRATION
OFFICE OF THE ADMINISTRATOR
WASHINGTON 25, D. C.

file

(L. F.)
Lend Lease

April 10, 1945

MEMORANDUM

TO: The President
FROM: Leo T. Crowley *LT* X5430
SUBJECT: The Soviet Supply Program

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

The regular monthly statistical report on the entire program for the period ended March 31, 1945 will follow in due course as soon as the information has been gathered and correlated.

Attachment

X 220
X 4193

DECLASSIFIED
State Dept. Letter, 1-11-72
By J. Schauble Date FEB 7 1972

~~SECRET~~

~~SECRET~~

April 10, 1945

THE SOVIET SUPPLY PROGRAM

I. SHIPPING

Sixty-six vessels sailed in March with 475,000 long tons of cargo. While this was greater than in January or February, it was still considerably less than the rate of shipment during last summer and fall. Ice conditions in the Far East hampered activity in that route, but they are now reported improving. April targets have been raised to 568,000 long tons, which approximates the rate which has become customary.

Delays at Odessa have hampered operations. Rates of unloading have been slower than was anticipated, and rates of removal of cargo from port have been even slower. The Soviets have been asked to open other Black Sea ports to relieve the situation.

Denunciation of the Neutrality Pact with Japan has not yet hampered operations from the West Coast. Soviet shipping plans call for the anticipated increase in spring traffic.

II. AIRPLANES

Deliveries of airplanes to Soviet pilots during March were at a good rate. A total of 295 pursuit ships were flown from Alaska, together with 22 transport planes and 24 medium bombers. One P-47 was delivered by water to North Russian ports. Twelve Navy bombers were delivered at Elizabeth City, N. C. to Soviet pilots to complete the full Fourth Protocol program of 138. With the coming of spring the program of clearances is expected to progress without difficulty.

III. FOOD SHORTAGE PERILS PROGRAM

Shortages in meats, fats and oils are such that full performance of Protocol commitments seems unlikely. Although allocations have been made for most of the requisite canned meat, production is expected to fall short by some 60,000 tons. The picture looks even worse for the first quarter of the new fiscal and Protocol year, as tentative allocations of meat are zero.

DECLASSIFIED
State Dept. Letter, 1-11-72
By J. Schauble Date FEB 7 1972

~~SECRET~~

~~SECRET~~

- 2 -

Reports on the Soviet situation have been obtained from Ambassador Harriman. While grain needs are expected to be less than other years, the need for canned meats and fats is considered to be high. Returning displaced persons are expected to cut into local supplies, although they may ultimately aid in increasing production.

IV. BUDGETARY SHORTAGES HAMPER PLANNING

With the need for meeting requirements for liberated areas in Western Europe, which had not been anticipated, current appropriations may prove to be inadequate to provide for progress of the Soviet Supply Program at current rates. While funds will be sufficient to cover the Fourth Protocol Offerings, advance procurement for the Fifth Protocol requirements may be restricted. The lead factor required to obtain production of several categories has been lengthened to such an extent that deliveries to the U.S.S.R. during the last half of 1945 depend upon initiation of procurement during this quarter. The situation is being carefully watched and if it should worsen you will be advised.

V. FOURTH PROTOCOL NEARS SIGNATURE

Soviet agreement has finally been obtained to signing of the Fourth Protocol. Agreement came after the Soviets accepted the proposal to change the wording of the financial clauses to remove references to the proposed amendment to the Master Lend-Lease Agreement, which had been made last summer under the authority of Paragraph 3-C of the Lend-Lease Act. The agreements leading to revocation were set forth in a memorandum to you, and the State Department gave notice to the Soviet Government of the lapse of this offer, in accordance with your instructions.

DECLASSIFIED
State Dept. Letter, 1-11-72
By J. Schauble Date **FEB** 7 1972

~~SECRET~~

PSF
C. F.
Lend Lease

~~SECRET~~

AS

WAR DEPARTMENT
WASHINGTON, D. C.

April 10, 1945

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 Russian Protocol through the month of March 1945 is summarized in the inclosed report.

Since the Fourth Protocol has not yet been formalized, the report is based upon the items and quantities formally recommended by the War Department as its Fourth Protocol to the Soviet Union plus some additional material subsequently offered. For this reason, the items and quantities disclosed in the report may be subject to revision in accordance with the Fourth Protocol when it has been executed. Performance through the month of March based upon such offerings shows a delivery of approximately seventy-one per cent of the material to be furnished by the War Department in the Fourth Protocol year.

The total Protocol Commitment of aircraft for the first nine months is ahead of schedule.

Respectfully yours,

Henry L. Stimson

Secretary of War.

x25

Incl:
Tabs A to C
inclusive.

x4193
x220



Franklin D. Roosevelt Library

DECLASSIFIED

DOB DIR. 5200.9 (9/27/58)

Date- JAN 25 1972

Signature- *PHO*

~~SECRET~~

~~SECRET~~
WAR DEPARTMENT

WASHINGTON, D. C.

April 10, 1945

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 Russian Protocol through the month of March 1945 is summarized in the inclosed report.

Since the Fourth Protocol has not yet been formalized, the report is based upon the items and quantities formally recommended by the War Department as its Fourth Protocol to the Soviet Union plus some additional material subsequently offered. For this reason, the items and quantities disclosed in the report may be subject to revision in accordance with the Fourth Protocol when it has been executed. Performance through the month of March based upon such offerings shows a delivery of approximately seventy-one per cent of the material to be furnished by the War Department in the Fourth Protocol year.

The total Protocol Commitment of aircraft for the first nine months is ahead of schedule.

Respectfully yours,

(Sgd.) HENRY L. STIMSON

Secretary of War.

Incl:
Tabs A to C
inclusive.

Franklin D. Roosevelt Library

DECLASSIFIED

DOB DIR 5200.9 (9/27/68)

Date- JAN 25 1972

Signature- *RHS*



~~SECRET~~

Returns to Sec. of War

~~SECRET~~
~~SECRET~~

April 10, 1945

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 Russian Protocol through the month of March 1945 is summarized in the inclosed report.

Since the Fourth Protocol has not yet been formalized, the report is based upon the items and quantities formally recommended by the War Department as its Fourth Protocol to the Soviet Union plus some additional material subsequently offered. For this reason, the items and quantities disclosed in the report may be subject to revision in accordance with the Fourth Protocol when it has been executed. Performance through the month of March based upon such offerings shows a delivery of approximately seventy-one per cent of the material to be furnished by the War Department in the Fourth Protocol year.

The total Protocol Commitment of aircraft for the first nine months is ahead of schedule.

Respectfully yours,

(Sgd.) HENRY L. SIMMONS

Secretary of War.

Incl:
Tabs A to C
inclusive.

Franklin D. Roosevelt Library

DECLASSIFIED

DDP DIR. 5200.9 (9/27/56)

Date- JAN 25 1972

Signature- *RHP*

~~SECRET~~
~~SECRET~~

TAB A

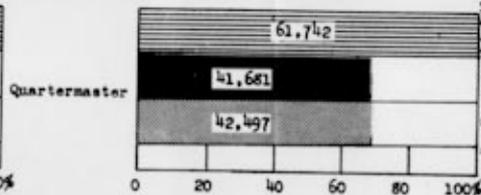
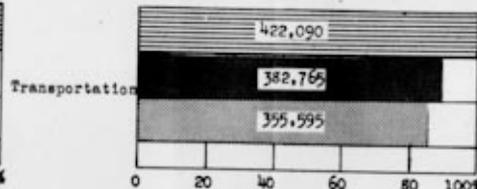
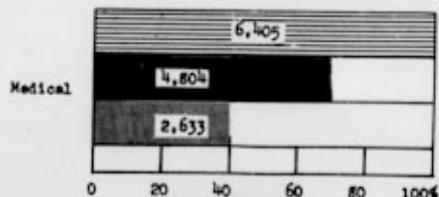
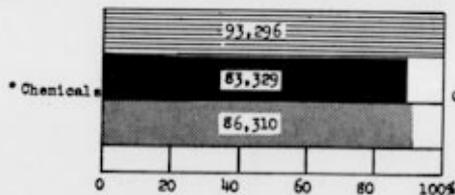
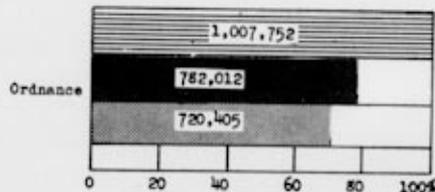
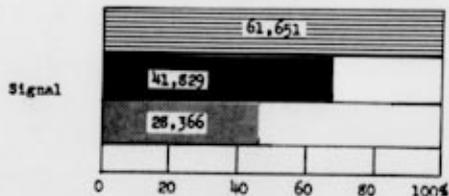
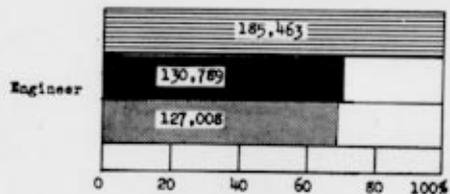
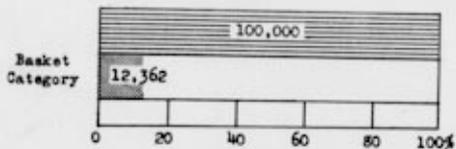
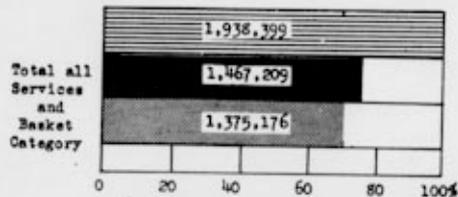
WAR DEPARTMENT

STATUS OF MILITARY GROUND ITEMS
31 MARCH 1945

(Short Tons)

~~SECRET~~

CHIEF DIRECTOR I.A.D.
INITIALS *CAF*
DATE *4-6-45*



Fourth Protocol Offering
Ninth Months' Schedule
Availability 31 March 1945.

Source of Data: Fourth Protocol and Technical Services
Prepared by: Control and Statistical Branch, International Division

* Revised

Franklin D. Roosevelt Library

DECLASSIFIED

105 DIR. 5200.9 (9/27/88)

Date-

JAN 25 1972

Signature- *CAF*

~~SECRET~~

A-1

~~SECRET~~

TAB A-1

FOURTH PROTOCOL OFFERINGS OF MILITARY GROUND ITEMS

Item	Protocol Number	Fourth Protocol Offerings	Ninth Months' Schedule	Ninth Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions	
					%	Shortage	Overage	%	Total Offerings	Availability 31 Mar. 1945	Quantity
<u>ORDNANCE</u>											
<u>Combat Vehicles</u>											
Medium Tanks, M4A2	II 1A2	2,229	1,882	1,867	.7	15		75,474	63,236	1	34
<u>Service Trucks</u>											
<u>Field Repair</u>	II 2A										
2 1/2 Ton 6x6 (Signal)		125(a)	93	100				829	663		
2 1/2 Ton 6x6 (Couse)		148*	69	-				982	-		
Truck Wrecking, Heavy M1A1		70**	20	-				973	-		
Truck, Machine Shop, Load A		100**	100	100				677	677		
Truck, Electrical Repair		70**	70	56				464	371		
		513	352	256	27.2	96		3,925	1,711		
Tank Transporter, 40 Ton w/Trailer	II 2C	400	201	240		39	19.4	9,722	5,967	2	146
Truck, 1/2 Ton 4x4 (Jeep)	II 3A1	8,598*	8,598	8,096	5.8	502		12,553	11,820	2,520	3,679
Passenger Cars	V 60	200	200	200		-		408			
Truck, 1/2 Ton 4x4 Amphibian	II 3A2	500	500	199	60.2	301		1,114			

(a) Offering has been increased by 43 Field Repair Trucks which are a carryover from the Third Protocol.

* Increased by Annex 3.

** New item in Annex 3.

~~SECRET~~

408 Franklin D. Roosevelt Library

443 **DECLASSIFIED**

DDO DIR. 5200.9 (9/27/68)

Date- **JAN 25 1992**

Signature-

Item	Protocol Number	Fourth Protocol Offerings	Ninth Months' Schedule	Ninth Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions	
					% Shortage	Overage	%	Total Offerings	Availability 31 Mar. 1945	Quantity	Tonnage
<u>Trucks</u>											
Truck, 3/4 Ton 4x4 WC	II 3B1	7,838*	5,838	5,150	11.7	688		28,119	18,476	30	108
Truck, 1 1/2 Ton 4x2	II 3B2	22,048*	20,048	19,548	2.5	500		104,728	92,853	74	352
Truck, 1 1/2 Ton 4x4	II 3B3	26,390*	18,390	17,290	5.9	1,100		139,141	96,954	1,420	7,963
Truck, 2 1/2 Ton 6x4	II 3B3	30,000	22,237	20,646	7.1	1,591		153,525	105,656		
Truck, 2 1/2 Ton 6x6	II 3B3	43,560	31,358	31,873		515	1.6	227,971	166,807	46	241
Truck, 2 1/2 Ton 6x6 Amphibian	II 3B4	1,300*	1,300	800	38.4	500		12,903	7,940		
<u>Truck, 5 Ton and Over</u>											
6 or 7 1/2 Ton Prime Mover	II 3C	56	27	14				742	186		
10 Ton 6x4 (Mack)		1,132(b)	1,132	1,132(b)				14,384	14,384		
5-6 Ton 4x4 Cargo		100	51	90				1,069	962		
		1,278	1,210	1,236		26	2.1	16,195	15,532		
<u>Trucks, Special Purpose</u>											
4 or 5 Ton Dump	II 3D	1,600	959	714				18,360	8,228	8	92
Truck, Tank, Gasoline 750 Gallon		1,300**	300	-				9,685	-		
1 1/2 Ton 4x4 Dump		104**	-	-				495			

(b) Original offering increased to include the trucks transferred to the U.S.S.R. by elimination of the Motor Transport Service of the Persian Gulf Command.
 * Increased by Annex 3.
 ** New item in Annex 3.

Franklin D. Roosevelt Library
 - DECLASSIFIED
 DOD DIR. 5200.9 (9/27/88)
 Date- JAN 25 1972
 Signature- *RWB*

~~SECRET~~

Item	Protocol Number	Fourth Protocol Offerings	Ninth Months' Schedule	Ninth Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions	
					%	Shortage	Overage	%	Total Offerings	Availability 31 Mar. 1946	Quantity
<u>Truck, Special Purpose (Cont'd)</u>											
2 1/2 Ton 6x6 Dump		104**	-	-				793		-	
Snow-plows, rotary type gasoline engine driven on 6 ton 6x6 truck mounting		160*	100	55				2,229		598	
		<u>3,258</u>	<u>1,559</u>	<u>769</u>	43.4	590		<u>31,582</u>		<u>8,828</u>	
<u>Truck-Tractors w/Trailers</u> II 31											
2 1/2 Ton 6x4 Tractor w/7 ton semi-trailer		1,200	799	514	35.6	285		9,762		4,306	
20 Ton 6x4 Tractor w/ Fruehauf T-88 semi-trailer w/gar wood side dump bodies		50	37	-	100.0	37		899		-	
20 Ton 6x4 Tractor w/ Fruehauf T-88 semi-trailer w/gar wood end dump bodies		25	19	-				449		-	
Trailer, 5-6 Ton, 4 Wheel Cargo		12*	12	-	100.0	12		42		-	
Trailer, 1 Ton, 2 Wheel Cargo		5*	8	-	100.0	8		7		-	
Motorcycles	II 4A1	12,000	9,486	7,305	22.9	2,181		3,696		2,100	
Engines for Tractors GMC 4/71	II 4B3	2,000	1,224	1,856			632	51.6	2,746	2,548	

* Increased by Annex 3.
 ** New Item in Annex 3.

Franklin D. Roosevelt Library

DECLASSIFIED

DDO DIR 5200.2 (9/27/88)

Date- JAN 25 1992

Signature- RHP

~~SECRET~~

~~SECRET~~

Item	Protocol Number	Fourth Protocol Offerings	Ninth Months' Schedule	Ninth Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossession	
					% Shortage	Overage	%	Total Offerings	Availability 31 Mar. 1945	Quantity	Tonnage
<u>Artillery</u>											
A.A. Guns, 90mm	II 5A1	56	56	56(c)	-	-		887	887		
Ammunition (Tons)	II 5H	31,631	23,724	19,318r	18.5	4,406		31,631	19,318	435	435
Howitzer, 240mm MK I on Carriage M1	II 5K	2	1	-	100.0	1		25	-		
Gun, 8" on Carriage M2	II 5L	2	1	-	100.0	1		70	-		
Replenishment and Maintenance Spares for Ordnance Materiel (Tons)		20,000(d)	15,003	16,097		1,094	7.2	20,000	16,097	312	312
<u>Explosives (Tons)</u>											
Smokeless Powder	II 6A1										
3" Guns		20,000	17,466	9,419				24,000	11,303		
90mm Guns		-	-	-				-	-	4,198	5,038
.30 Cal. Rifle		9,000	6,750	3,147				10,800	3,776	1,099	1,319
		29,000	24,216	12,566	48.1	11,650		34,800	15,079		
T.N.T.	II 6B	60,000	45,000	39,397(f)	12.4	5,603		68,400	44,913		
Dynamite (Incl. Ammonite)	II 6C	15,954(e)	15,954	15,954		-		18,347	18,347	340	391

- (c) The Russians have stated that 56 is the total requirement for the Fourth Protocol period.
- (d) Estimated tonnage of replenishment and maintenance spare parts for Ordnance materiel to be furnished during Protocol period.
- (e) The War Department has delivered approximately 3,000 tons of dynamite in excess of original offering, due in part to additional U.S.S.R. request, and in part to the delivery of further quantities carried over from Third Protocol.
- (f) Approximately 9,897 short tons were transferred from the United Kingdom. Quantity taken from shipping tickets received by the International Division.

~~SECRET~~

Franklin D. Roosevelt Library
 DECLASSIFIED
 DD Form 1300.9 (9/27/68)
 Date- JAN 25 1982
 Signature- RHP

~~SECRET~~

Item	Protocol Number	Fourth Protocol Offerings	Ninth Months' Schedule	Ninth Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions	
					%	Shortage	Overage	%	Total Offerings	Availability 31 Mar. 1945	Quantity
Detonators, Blasting Supplies, etc.	II 6F										
Blasting Fuse (1000')		63,091r	63,091	67,749			4,658	7.3	662r	711	
Cord, Detonating (1000')		4,207r	4,207	2,665	36.6	1,542			42r	27	
Blasting Caps		20,000,000	20,000,000	14,710,500	26.4	5,289,500			800	739	
Mobile Twin Unit Pack Assembly Set (Less Motor Vehicles in Categories II3AL, II3BL, II3B3, II3I)	V 34D	2**	2	1	50.0	1			80	40	

SIGNAL

<u>Radio Stations Over 1 KW</u>	II 7A2										
50 KW Shortwave Station		4	3	1(g)					500	274	
15 KW Shortwave Station		30	19	-(g)					3,261	1,429	
7.5 KW Shortwave Station		20	9	1(g)					1,800	98	
3 KW Radio Station		92	74	-(g)					9,290	2,783	
		153	105	2	98.1	103			14,851	4,584	
<u>Radio Stations 1 KW & Under</u>	II 7B2										
SCR-399		1,185*	801	1,000(h)					9,954	5,909	
SCR-284		4,000	4,000	4,000(i)					981	981	

- (g) Tonnage being reported but complete units not yet available.
- (h) 100 were delivered in June 1944 against the Fourth Protocol.
- (i) 500 were delivered in June 1944 against the Fourth Protocol.
- * Increased by Annex 3.
- ** New item in Annex 3.

~~SECRET~~

Franklin D. Roosevelt Library
 DECLASSIFIED
 OSD DIR. 5200.9 (9/27/68)
 Date- JAN 25 1972
 Signature- PAB

Item	Protocol Number	Fourth Protocol Offerings	Ninth Months' Schedule	Ninth Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions	
					% Shortage	Average	%	Total Offerings	Availability 31 Mar. 1945	Quantity	Tonnage
Radio Tubes	II 7H	5,000,000	3,750,000	4,737,580		987,580	26.3	710	690		
Radio Component Parts and Accessories and Radio Measuring and Testing Equipment	II 7I & J	\$3,438,000	\$2,249,000	\$3,170,046		\$921,046	40.9	1,031	957		
<u>Radio Compasses</u>	II 7K										
ML-26C		600(1)	600	600				36	36		
SCR-269G (AM/APN-7)		200	200	200				22	22		
		800	800	800				58	58		
<u>Generator Sets, Military</u>	V 13B1										
Field Battery Charging Station 5KW		600	300	500				540	490		
Field Battery Charging Station 1 1/2 KW		2,000	1,250	660	25.1	390		12,000	594	51	4
		2,600	1,550	1,160				12,540	1,084		
<u>Teletype Apparatus</u>	V 58B										
Teletypewriter Model 15		550	276	440				314	256		
Teletypewriter Model 19		300	150	(m)				109	368		
Telegraph Printer Set ML-97		400	293	450				158	168		
Wheatstone Perforators		254	127	250				32	31		
Boehme High Speed Keying Equipment and Ink Recorder		100	50	40				21	16		
		1,604	896	1,180		284	31.6	634	839		
Field Telephone ML-8 Soviet Type	V 58C1	100,000	65,000	79,837		14,837	22.8	1,200	1,004		

(1) Reduced at request of Soviet Government Purchasing Commission.
(m) Tonnage being reported but complete unit not yet available.

Franklin D. Roosevelt Library
DECLASSIFIED
ODD DIR. 5200.9 (9/27/88)
Date- JAN 25 1982
Signature- *[Signature]*

~~SECRET~~

Item	Protocol Number	Fourth Protocol Offerings	Ninth Months' Schedule	Ninth Months' Availability	Performance by Units		Tonnage (Short Tons)		Repossessions	
					% Shortage	% Overage	Total Offerings	Availability 31 Mar. 1945	Quantity	Tonnage
Other Telephone and Telegraph Equipment	V 5802									
Telephone Central Office Set TC-4		300	225	210		15	6.6	150	82	
3-Channel Telephone Carrier Package "C" w/Power Units PE-95		20	10	-	100.0	10		90	-	
400-Line PBX Dial Telephone Central		2(n)	2	2		-		19	19	
Switchboard, Kellog K-100		60(n)	60	-				-	-	
Field Telephone Wire WS 1/TS (Miles)	VI 6A3	186,000	139,500	148,859		9.359	6.7	12,830	6,268	9,202 371
<u>ENGINEERS</u>										
Airplane Landing Mat (Sq.ft.)	I 6B	46,000,000*	30,749,994	26,360,675(o)	14.2	4,389,319		102,225	66,573	
Truck, Special Purpose	II 3D									
Truck, Fire Class 135		4	4	4		-		22	22	
Tractors (Artillery Prime Mover)	II 4B1									
Class II (Heavy)		1,348*	540	660				15,957		
Class III (Medium)		1,859*	1,260	1,330				15,225		
		3,207	1,800	1,990		190	10.5	31,182		

- (n) Addition to original Fourth Protocol offerings.
- (o) 6,680,000 sq. ft. of landing mat is a theater transfer authorized by MAC(G) and chargeable against the Fourth Protocol
- * Increased by Annex 3.

~~SECRET~~

10,449 Franklin D. Roosevelt Library
10,619
21,068

DECLASSIFIED
DDI DIR. 5200.8 (9/27/06)

Date- JAN 26 1992

Signature- RHP

~~SECRET~~

Item	Protocol Number	Fourth Protocol Offerings	Ninth Months' Schedule	Ninth Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions	
					% Shortage	Overage	%	Total Offerings	Availability 31 Mar. 1945	Quantity	Tonnage
II 8A											
<u>Road and Airport Construction Equipment</u>											
Road rollers, gasoline engine driven, tandem 2-wheel, 5-8 ton		200	100	80				1,506	603		
Road rollers, gasoline engine driven, 3-wheel 10 ton		130	65	127				1,450	1,282		
Road rollers, 3 $\frac{1}{2}$ -5 ton and/or 5-8 ton		100	75	40				800	181		
Road rollers, gasoline, steam or diesel, 10 ton or over, new or reconditioned, tandem 2 or 3 wheel		60	60	60				720	720		
Road graders, motorized		350*	150	206				4,923	3,140		
Plow, snow, "V" type w/o truck		$\frac{200}{1,040}$	$\frac{175}{625}$	$\frac{200}{713}$				$\frac{530}{9,929}$	$\frac{530}{6,456}$		
II 8B											
<u>Tractor Mounted Construction Equipment</u>											
Tractor, Class II, w/dozer		250*	113	99	12.3	14		5,153	1,845		

* Increased by Annex 3.

~~SECRET~~

FRANKLIN D. ROOSEVELT LIBRARY
 DECLASSIFIED
 GPO GEN. 5200.9 (9/27/68)
 Date- JAN 25 1972
 Signature- RMB

~~SECRET~~

Item	Protocol Number	Fourth Protocol Offerings	Ninth Months' Schedule	Ninth Months' Availability	Performance by Units		Tonnage (Short Tons)		Repossessions	
					% Shortage	% Overage	Total Offerings	Availability 31 Mar. 1945	Quantity	Tonnage
II 80										
Mixers and Pavers, <u>Bituminous and Concrete</u> Distributor, bituminous material, trailer mounted 1,250 gallon		170	105	52			1,743	444		
Heater, asphalt, trailer mounted, 2-car, 28 HP		40	28	60			138	240		
Spreader-aggregate, towed type, traction powered 8' width, w/o truck		100	50	51			107	93		
Mixer, asphalt, gasoline engine driven, semi-trailer mounted w/pneumatic tires, 15-30 TPH, Barber-Green Model 841		43*	19	34			523	468		
Finisher, asphalt, crawler mounted, 12' Barber-Green Model 879-A		3	3	3			48	48		
<u>Road Building Plant</u>										
Finisher, asphalt, crawler mounted, 12' Barber-Green Model 879-A		17	8	12			243	177		
Asphalt Mixer, diesel engine driven, travel or control plant, trailer mounted 110-200 TPH		17	8	2			383			

* Increased by Annex 3.

~~SECRET~~

Franklin D. Roosevelt Library,
57 DECLASSIFIED
OOD DIR. 5200.8 (9/27/88)

Date- JAN 25 1992

Signature- *RAH*

~~SECRET~~

Item	Protocol Number	Fourth Protocol Offerings	Ninth Months' Schedule	Ninth Months' Availability	Performance by Units		Tonnage (Short Tons)		Repossessions	
					% Shortage	Overage	Total Offerings	Availability 31 Mar. 1945	Quantity	Tonnage
Loader, aggregate, bucket, crawler mounted, gasoline engine driven, 3 cu. yd., 19' 10" boom		17	8	12			260	112		
		<u>407</u>	<u>229</u>	<u>226</u>	1.3	3	<u>3,445</u>	<u>1,639</u>		
Bridge, Floating Ponton, 10 ton, w/Ponton trailers	II 11X	25	25	25	-	-	1,845	1,845		
Tank, Steel, Gasoline or oil, horizontal bolted, 10,000 barrel		56*	35	25	28.5	10	2,050	975		
<u>Compressors (Air & Gases)</u> Skid mounted, gasoline engine driven, 500 cfm, 210 cfm and 105 cfm	V 2B	300r	300	333		33	11.0	1,500	1,668	
<u>Crushing, Pulverizing, Screening and Mixing Machinery and Equipment</u> 25 cu. yd. trailer mounted rock crushers and screening plant	V 4	30*	25	25	-	-	1,888	1,597		
<u>Generator Sets, Military</u> Generating Set, 30 KW	V 13B1	10	10	10			54	54		
Generating Set, 5 KW		<u>300</u> 310	<u>270</u> 280	<u>270</u> 280			<u>303</u> 357	<u>124</u> 238		
Saw, chain, portable gasoline engine driven, 36'	V 25	500*	260	260	-	-	93	46		

* Increased by Annex 3.

~~SECRET~~

Franklin D. Roosevelt Library
 DECLASSIFIED
 OSD DIR. 5200.9 (9/27/98)
 Date- JAN 25 1992
 Signature- *RAH*

~~SECRET~~

Item	Protocol Number	Fourth Protocol Offerings	Ninth Months' Schedule	Ninth Months' Availability	Performance by Units		Tonnage (Short Tons)		Repossessions	
					% Shortage	% Overage	Total Offerings	Availability 31 Mar. 1945	Quantity	Tonnage
Well drilling machine, percussion, gas engine driven	V 51	20	20	20	-	-	288	288		
<u>Excavating and Dredging Machinery and Equipment</u>	V 52A									
Crawler Shovels and Cranes										
Class III		230	141	278			6,003	7,373		
Class IV		33	24	31			1,500	1,442		
Class V		37	15	36			2,625	2,624		
Class II, VI, VII, VIII		8	8	8			409	409		
Class XI, XII, XIV		95	55	66			2,336	1,709		
		403	243	419		176 72.4	12,873	13,557		
Road scrapers, towed type cable operated, 8 cu. yd., type III, w/o tractor		98	63	98		35 55.5	848	848		
<u>Ditching Machines, Crawler Mounted, Gasoline Engine Driven</u>										
Wheel type, digging depth 5'6", width 23"		10	5	10		5 100.0	105	105		
Ladder type, digging depth 8' width 18" to 24"		10	5	10		5 100.0	287	287		
Hammer, pneumatic or steam piledriver, double acting 5000#		100	55	30 45.4	25		254	92		
Piledriver, gas engine, 40', 2000#		1	1	1	-	-	8	8		

~~SECRET~~

Franklin D. Roosevelt Library

DECLASSIFIED

DDO DIR. 5200.9 (2/27/88)

Date- 8 JAN 26 1992

Signature- RHO

~~SECRET~~

Item	Protocol Number	Fourth Protocol Offerings	Ninth Months' Schedule	Ninth Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossessions	
					%	Shortage	Overage	%	Total Offerings	Availability 31 Mar. 1945	Quantity
V 61											
Airconditioning and Refrigeration Equipment											
Iceplant, 1 ton		80	65	55	15.3	10		408		285	
Iceplant, 3.6 ton		95	80	35	56.2	45		1,304		484	
Refrigeration Warehouse prefabricated (1800 cu. ft.)		25	25	25		-	-	282		282	
Refrigerated Semi-Trailer		100	75	-	100.0	75		796		-	
Wire, barbed, steel, black or galvanized, 4.4' spacing 100# coil (tons)	VI 1-31	5,166	5,166	5,166		-	-	5,166		5,166	
Cylinders, gas, empty, oxygen, 220-240 cu. ft.	VI 7B	16,000	16,000	16,000		-	-	1,018		1,018	

TRANSPORTATION

Steam Locomotives, Railroad 60" Gauge	II 9A1										
2-10-0, 105 Ton		1,499	1,275	1,109				194,870		145,893	
0-4-0, 50 Ton		10	10	10				550		550	
0-6-0, 70 Ton		32 ^r	20	20				1,952		1,220	
		1,541	1,305	1,139	12.7	166		197,372		147,663	
Diesel-Electric Locomotive, Railroad, 127 Ton, 60" Gauge	II 9A3	100	75	70	6.6	5		13,380		9,856	

Franklin D. Roosevelt Library
 DECLASSIFIED
 DOD DIR. 5200.9 (9/27/58)

Date- JAN 25 1972

Signature- RCH

~~SECRET~~

~~SECRET~~

Item	Protocol Number	Fourth Protocol Offerings	Ninth Months' Schedule	Ninth Months' Availability	Performance by Units		Tonnage (Short Tons)		Repossessions		
					% Shortage	% Overage	Total Offerings	Availability 31 Mar. 1945	Quantity	Tonnage	
Flatcars, Railroad, 50 H.T. 60" Gauge	II 9B1	7,244r	7,244	7,244	-	-	166,612	166,612			
Dump Cars, Railroad, 20 cu. yd., 60" Gauge	II 9B2	1,130	880	630	28.4	250	25,990	16,065			
Heavy Machinery Cars, Railroad, 125-200 Ton, 60" Gauge	II 9B4	35	35	35	-	-	1,785	1,785			
Industrial Type Locomotives, Cars & Parts	V 59A										
Steam Locomotives, 0-8-0, 27 Ton, 750mm Gauge		42r	28	-	100.0	28	1,134	-			
Dump Cars, 20 Ton, 750mm Gauge		50	50	50	-	-	700		700		
Flat Cars, 12 Ton, 750mm Gauge		50	50	50	-	-	329		329		
Cranes, Floating and Portal Gantry	V 6B	71	71	66	7.0	5	14,788	12,585			
CHEMICALS (Tons)											
Dibutyl Phalate	VI 10B10	1,500	750	976		226	30.1	1,740	1,132	26	30
Ethylene Glycol	VI 10B19	4,000	2,997	3,364		367	12.2	4,400	3,704	4	5
Glycerine	VI 10B22	4,400	3,294	4,521		1,227	37.2	5,192	5,335	127	150

Franklin D. Roosevelt Library
 DECLASSIFIED
 329
 OGB DIR. 5200.9 (9/27/88)
 Date- JAN 26 1972
 Signature- *RHB*

~~SECRET~~

~~SECRET~~

Item	Protocol Number	Fourth Protocol Offerings	Fifth Months' Schedule	Ninth Months' Availability	Performance by Units				Tonnage (Short Tons)		Repossession	
					%		%		Total Offerings	Availability 31 Mar. 1945	Quantity	Tonnage
					Shortage	Overage	Shortage	Overage				
Hexamine (Urotropine)	VI 10B23	2,000	1,494	360	75.9	1,134			2,200	396	611	672
Methanol	VI 10B24	9,200	6,894	6,991			97	1.4	10,120	7,938	537	592
Phenol	VI 10B26	12,000	9,000	10,446			1,446	16.0	13,440	11,699		
Toluol	VI 10B32	51,628(p)	51,628	51,628(p)			-		51,628	51,628	313	313
Ethyl Centralite	VI 10H2	350	261	209r	19.9	52			466	273		
Vistanex	VI 16A	410	306	435			129	42.1	459	489		
Other Chemicals	-	3,449(q)	3,449(q)	3,449(q)			-		3,651	3,651	3,570	3,816

QUARTERMASTER

Food Rations (Tons)	IV 3	129	129	129					129	129		
Cotton Cloth, Uniform Twill	VI 11A	25,000,000	18,749,997	13,751,034	26.6	4,998,963			7,520	4,069		
Woolen Cloth	VI 11B	17,050,000	11,899,997	13,718,187			1,818,190	15.2	16,191	11,879		
Tarpaulin and Duck	VI 11D	3,000,000	1,750,000	969,220	44.6	780,780			2,833	1,162		
Other Textile Products (Tons)	VI 12B	1,978	1,978	1,978					1,978	1,978		
Leather (Tons)	VI 13	11,963	8,973	9,065			92	1.1	12,561	9,329		

(p) The Soviet Protocol Committee has authorized deliveries in excess of the original offering.
(q) This quantity has been made available against a miscellaneous category, only part of which is furnished by the War Department.

~~SECRET~~

Franklin D. Roosevelt Library
DECLASSIFIED

DDO DIR. 5200.9 (9/27/68)

Date- JAN 25 1972

Signature- *[Signature]*

~~SECRET~~

Tab A-1 - 16 of 16

Item	Protocol Number	Fourth Protocol Offerings	Ninth Months' Schedule	Ninth Months' Availability	Performance by Units			Tonnage (Short Tons)		Repossession	
					% Shortage	Overage	%	Total Offerings	Availability 31 Mar. 1945	Quantity	Tonnage
Leather Products (Tons)	VI 14	54	54	54	-	-		54	54		
Army Boots	VI 19A	6,000,000*	3,899,997	4,392,515		492,518	12.6	14,045	11,640		
Rubber Boots	VI 19C	20,000	20,000	12,909	35.4	7,091		125	79		
Other Rubber Products	VI 17B	755	755	755	-	-		755	755		
Industrial Lift Trucks and Tractors	V 7	951	705	537	23.8	168		4,755	1,423		
<u>MEDICAL</u>											
Medical Supplies (r)	II 10	\$18,300,000*	\$13,725,000	\$8,048,311	41.3	\$5,676,689		6,405	2,633		

(r) Procurement approved for the Fourth Protocol totals approximately \$7,888,000, in addition deliveries will be made against the balance of approximately \$7,200,000 which remains undelivered from the Third Protocol list.

* Increased by Annex 3.

Franklin D. Roosevelt Library

DECLASSIFIED

DDI DIR. 5200.9 (9/27/02)

Date- JAN 25 1972

Signature-

RCH

~~SECRET~~

~~SECRET~~

TAB A-2

Items included in the Basket Category, of which the total tonnage by service is given below, is limited to the following:

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

	Tonnage (Short Tons) Offering Availability
Basket Category	100,000
Ordnance Items	9,509
Signal Items	723
Engineer Items	<u>2,130</u>
	12,362

~~SECRET~~

FRANKLIN D. ROOSEVELT LIBRARY
DECLASSIFIED
DDO DIR. 5200.9 (9/27/58)

Date- JAN 25 1992

Signature- *RMS*

~~SECRET~~

SUMMARY OF TABULATION "B"

The attached tabulation reflects the status of factory deliveries and export of aircraft on the Fourth Russian Protocol. More aircraft were made available at the factory at the end of March than the Protocol requirement to date, due to the fact that the Munitions Assignments Board assigned some non-protocol planes.

~~SECRET~~

FRANKLIN D. ROOSEVELT LIBRARY
DECLASSIFIED
DDG DIR. 5200.9 (9/27/88)

Date- JAN 25 1972

Signature- *MAP*

~~SECRET~~

STATUS OF AIRCRAFT ON THE FOURTH RUSSIAN PROTOCOL
AS OF 31 MARCH 1945

<u>Type</u>	Protocol Requirement to Date	Available at Factory	Departed from U.S.A.		Still in U.S.A.	Condemned
			By Air North	by Water Persian Gulf		
<u>U. S. Account</u>						
Medium Bombers B-25	225(a)	305	301		3	1
Light Bombers A-20	0(b)	23			23	
Fighters P-37	177	177	127	50		
P-63	1,673	1,767	1,601		156	10
Transports C-47	<u>180(c)</u>	<u>190</u>	<u>190</u>	—	—	—
Total U. S. Account	2,255	2,462	2,219	50	182	11

- (a) Twenty additional B-25's were due at this date to apply against fifty additional B-25's assigned over and above Protocol requirements. Advanced deliveries over requirements have been approved by Munitions Assignments Board.
- (b) Munitions Assignments Board has assigned 100 A-20's, non-protocol, for delivery after 1 April 1945.
- (c) Munitions Assignments Board assigned 10 C-47's, non-protocol.

Franklin D. Roosevelt Library

DECLASSIFIED

DDO DIR. 5200.9 (9/27/88)

Date- JAN 25 1992

Signature- *[Handwritten Signature]*

~~SECRET~~

~~SECRET~~

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. Activity through the Persian Gulf Area is gradually being reduced as the deliveries are increased to Black Sea Ports.

The paragraph previously reporting the aircraft assembly information has been discontinued as all planes have been delivered to the U.S.S.R. except 5 P-47's (not airworthy) on hand at Elik.

Attached as Tab C-1 is a summary of the materials being transferred from the Persian Gulf Command to the U.S.S.R.

~~SECRET~~

Franklin D. Roosevelt Library

DECLASSIFIED

DDI DIR. 5200.9 (9/27/88)

Date- JAN 25 1992

Signature- *RAH*

~~SECRET~~

STATUS OF PROJECTS IN PERSIAN GULF AS OF 31 MARCH 1945

	<u>Number Received in Persian Gulf to Date</u>	<u>Number Delivered to U.S.S.R. to Date</u>
Trucks	166,600	165,992
Airplanes		

This paragraph has been discontinued. The 5 P-47's (not airworthy) are on hand at Elik.

	<u>By Rail at Teheran</u>	<u>By U.S. Trucks</u>	<u>By U.S.S.R. Trucks</u>	<u>By U.K. Trucks</u>	<u>Total</u>
Long tons delivered to U.S.S.R. from 24 February to 31 March 1945.	77,959	0	27,373	0	105,332

Aviation Gas Ex Teheran from United Kingdom 1 July 1944 to 31 March 1945, 314,295 long tons.

~~SECRET~~

Franklin D. Roosevelt Library
 DECLASSIFIED
 DOD DIR. 5200.9 (9/27/88)
 Date- JAN 20 1972
 Signature- RAB

~~SECRET~~

TAB C-1

MATERIALS TRANSFERRED FROM THE PERSIAN GULF COMMAND TO THE U.S.S.R.

<u>Authorized Transfers</u>	<u>Action Taken</u>	<u>Value</u>
1. <u>Andimeskh Truck Assembly Plant</u> with all transportable equipment and plant spare parts. Buildings and fixtures pertaining to the plant were assigned separately.	Completely transferred.	((((
2. <u>Khorramshahr Truck Assembly Plant</u> with all transportable equipment together with hand tools and spare parts.		(\$2,000,000 (((
<u>a.</u> Two Main Lines	Transfer expected to be completed on or about 1 April 1945.	(((
<u>b.</u> Third (Mack) Line	Transfer expected to be completed 1 May 1945.	(((
3. 792 Trucks, Cargo, Mack, 10 ton, Diesel (New and Used) have been transferred to the U.S.S.R. (These trucks are also reported in Tab A-1 as a charge to Protocol offering for Trucks, 5 ton and over).	Transfer completed.	\$5,504,992
4. Cranes (New or good as new).	All transferred in January.	((((((
Class I 7		(
Class II 1		(
Class III 2		(
Class X 1		(
Class XII <u>1</u>		(
12		(\$149,796
5. 140,118 feet of Rail, 75 lb., with accessories	MAC(G) authorized the CG, Persian Gulf Service Command to effect a theater transfer to the U.S.S.R. 17 March 1945.	((((((

~~SECRET~~

DECLASSIFIED
DDO DIR. 5200.9 (9/27/88)

Date- JAN 25 1972

Signature- RHO

B. F. Lend Lease
ADMINISTRATOR

WAR SHIPPING ADMINISTRATION
WASHINGTON

April 11, 1945

MEMORANDUM FOR THE PRESIDENT

I

In March clearance of cargo for the U.S.S.R. continued the recent upward trend and exceeded the forecast in our last report. Total clearances were 484,829 long tons, or 114 per cent of the monthly target, compared with 450,453 long tons, or 106 per cent in February. The principal increase was in the Black Sea program.

In contrast, March, 1944, liftings were 368,904 long tons.

The position was as follows on March 31, 1945 (long tons).

	March 1945	July- March	April Forecast	May Forecast
<u>Murmansk and White Sea</u>				
Dry cargo ships ex U.S.A.	122,211	1,170,619	149,400	141,000
Dry cargo ships ex U.K., U.S. acct.	4,116	41,790	700	0
Tankers ex U.S.A.	19,860	194,273	22,000	20,000
Tankers ex U.K., U.S. acct.	0	7,144	0	0
Total	146,187	1,413,826	172,100	161,100
<u>Black Sea</u>				
Dry cargo ships ex U.S.A.	118,703	243,632	158,100	164,900
Tankers ex U.S.A.	53,721	100,418	44,000	33,000
Total	172,424	344,050	202,100	197,900
<u>Persian Gulf</u>				
Dry cargo ships ex U.S.A.	4,409	613,748	4,000	4,000
<u>Soviet Far East and Arctic</u>				
Dry cargo ships ex U.S.A.	119,828	1,663,590	132,200	230,000
Dry cargo ships ex Canada	25,241	235,245	21,400	20,000
Tankers ex U.S.A.	16,740	513,572	46,400	40,000
Total	161,809	2,412,407	200,000	290,000
GRAND TOTAL	484,829	4,784,031	578,200	653,000
Per cent of target	114	126	136	154

1/ Target tonnage used does not include the Special Pacific Program, the precise size of which is uncertain. Cargo for the account of this program is however included in the liftings.

x 4772
x 220
x 4193

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~~

II

The clearances for North Russia in March were exactly as forecast in the report for February, namely:

	Ships
Dry cargo ship loaded in U.K. for JW-65 (canned meat)	1
Two HX dry cargo convoy groups intended for JW-66	16
Tankers intended for JW-66	<u>2</u>
Total	19

Liftings for the month on these vessels, together with small quantities carried on British freighters as British assistance to the United States, amounted to 146,187 long tons (Exhibit A).

With the loadings in JW-65, the special canned meat program on U.S. Protocol account ex the United Kingdom was concluded.

The April sailings are in summary expected to be as follows (See Exhibit B for detail):

	Ships
Two HX dry cargo convoy groups intended for JW-67	18
Tankers intended for JW-67	<u>2</u>
Total	20

All of the liberty ships berthed at New York in late March and early April. Cargo is moving forward and being loaded with considerably less difficulty than during the two preceding months. Beginning with this group liberties will load to summer marks, or to about 8,300 tons each, against 7,600 tons on the winter marks.

Convoys going to North Russia recently have been subjected to heavy enemy air and submarine attacks, as well as to very bad weather. The most

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

~~SECRET~~

recent convoy, JW-65, sailed from Loch Ewe on March 11. It was composed as follows:

W.S.A. dry cargo ships ex U.S.A.	16
W.S.A. dry cargo ships ex U.K.	1
B.M.W.T. tankers ex U.S. on U.S. account	2
B.M.W.T. dry cargo ships ex U.K.	4
B.M.W.T. tanker ex U.K.	1
Fleet oiler	1
Norwegian relief ship	<u>1</u>
Total	26

Off Kildin Island just east of Kola Inlet on March 20 two ships, the Thomas Donaldson and Horace Bushnell, were torpedoed, the former being sunk and the latter beached at Kola Inlet in bad condition. The escort also suffered loss. This is the first loss suffered by merchant ships outbound as a result of enemy action since the attack on JW-56 on January 26, 1944 when two American ships and one British vessel were torpedoed and sunk. The remainder of Convoy JW-65 reached Murmansk on March 20. Because of conditions the Soviet Northern Fleet refused to allow the White Sea section to proceed, and all ships are therefore discharging at Murmansk.

Convoy JW-66 will leave the United Kingdom in mid April. Because of loading difficulties in the United States and of escort shortages the convoy schedule slipped somewhat behind the agreed periodicity of 30 days, but it is expected that by June the lost time will have been regained.

In February Murmansk was seriously congested on account of a shortage

of railway rolling stock. Large amounts of cargo were in open storage. This congestion has now been largely cleared up, and the port is working normally.

Since the loss of four ships in returning Convoy RA-64, as mentioned in our last report, there have been no further losses in such convoys. RA-65 arrived safely in the U.K. on March 31. Numerous ships have, however, suffered ice damage.

Two ships in RA-64 carried cargoes of Russian lumber which was discharged at Rouen for the U.S. Army. There were three more such cargoes in RA-65.

III

The outstanding development of the month has been the rise of the Black Sea operation. This program was increased sharply in late February and early March as a result of agreements with the Russians to curtail planned deliveries of vessels under the Special Pacific Program. W.S.A. agreed to add to its basic Black Sea allocation of five ships per month for the period April through June a total of 43 sailings in addition to small increases in North Russia sailings. These allocations have begun to show up in the March sailings.

March clearances totalled 14 dry cargo ships and five tankers carrying 172,424 long tons (Exhibit C). Of the freighters 11 were liberties from Philadelphia, one was a liberty from Havana, and two were fast vessels going direct from Havana and Mobile respectively.

With the sailing of the Costa Rica Victory from Havana and of the C2 ship Madaket from Mobile, W.S.A. opened its new fast direct service from

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~~

the Gulf area to the Black Sea. This step was necessary because it was found that the North Atlantic ports could not accommodate the increased allocations.

A matter of primary concern has been the ability of Odessa to handle the traffic. To date discharge has been disappointing. The first four ships arrived February 20 and discharged in from 16 to 19 days. Thereafter, as more vessels arrived and the port became clogged, delays to vessels mounted. The full weight of the increased program will, however, not be felt until May. Strong pressure has been brought to bear on the Russians at high levels to improve matters, and they appear to be taking vigorous corrective measures. An additional 2000 men in port battalions arrived on April 3, and one further battalion is en route. Numerous lend-lease cranes are now being assembled. Furthermore, use is to be made of Novorossiisk, and perhaps also of other ports. It therefore seems probable that by May the ports will be able to handle the expected traffic load.

Manganese is being provided for return cargo at the rate of 15,000 to 20,000 long tons per month.

April sailings are forecast at 17 W.S.A. dry cargo ships, four tankers, and one U.S.S.R. ship from the West Coast carrying a total of 202,100 long tons of cargo.

May allocations are being made slowly and tentatively, and are dependent largely on the discharge rate in the Black Sea. If all goes well there sailings are expected to consist of 18 W.S.A. dry cargo ships, two Soviet dry cargo ships, and three tankers carrying a total of 197,900 long tons.

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~~

IV

Persian Gulf sailings consisted of two part cargoes amounting to 4,409 long tons (Exhibit E). No increase is expected in the future.

V

The usual winter lull has been in effect on the Pacific Coast. Sailings from the United States and Canada totalled 26 dry cargo ships and two tankers carrying 161,809 long tons of cargo (Exhibit F). This performance was somewhat better than was expected. Five of these ships, most of which had been repairing, departed from Canada.

The list contains 17 lend-lease ships, which carried 120,288 long tons or 75 per cent. Of these eight ships carrying 50,259 long tons were making initial voyages for the account of the Special Pacific Program, and one ship carrying 6,345 long tons was making a second voyage for the same account.

During late February and March the ice was very thick in the Okhotsk Sea and Strait of La Perouse. At some places it was reported to be 24 inches thick. No vessels therefore reached Vladivostok from the United States after January 24, although several have been reported as having made the attempt. W.S.A. voyage records show that some 70 Soviet vessels probably arrived at Petropavlovsk between January 24 and April 10. Of these 18 have to date discharged and sailed for the United States. The remainder are presumably awaiting passage through the ice. In late March conditions moderated somewhat, permitting passage through the ice eastbound of four vessels. Recently a general exodus of vessels from Vladivostok has begun, which the Russians hope to complete by about April 20. It is expected by

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

~~SECRET~~

the Russians that the vessels now lying at Petropavlovsk will be able to make the passage westward shortly in groups of about eight ships. Nearly all cargo has been forwarded from Vladivostok.

So far as is known no vessel in the special program has yet reached Vladivostok.

Sailings in April, though not expected to be large, should benefit from the presentation of the vessels returning from Petropavlovsk and also of those recently passed through the ice. The forecast is for 200,000 long tons. May sailings should be relatively high as a result of the resumption of navigation.

The status of the program of deliveries for the account of the Special Pacific Program is as follows:

	Ships	Long Tons of Cargo
Initial sailings from West Coast in December	2	6,975
Initial sailings from West Coast in January	9	59,698
Initial sailings from West Coast in February	8	47,183
Initial sailings from West Coast in March	8	50,167
Initial sailings from West Coast in April	8	53,500
Initial sailings from West Coast in May	<u>2</u>	<u>13,000</u>
Total, initial voyages	37	230,523
Second voyages in March of ships previously delivered	1	6,345
Second voyages in April of ships previously delivered	2	13,800
Second voyages in May of ships previously delivered	<u>2</u>	<u>13,000</u>
Total, second voyages	5	33,145
GRAND TOTAL, DECEMBER-MAY	42	263,668

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~~

8.

The new T2 tanker Muir Woods, renamed Elbruz, was delivered to the Soviets at Portland on March 22, this being the fifth vessel of this type to be transferred.

Respectfully submitted,

E S Land

E. S. Land
Administrator

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~~

Inhibit A)

SAILINGS FOR NORTH RUSSIA - MARCH, 1945

W.S.A. Dry Cargo Ships ex U.S.A. Intended for JW-66

Ship	D.W.T.	Cubic	Long Tons of Sailed		From
			USSR Cargo	On	
<u>Departures in HX-343</u>					
1. Joshua Thomas	10,500	500,245	7,331	3/9	N.Y.
2. Albert C. Ritchie	10,500	500,245	7,664	3/9	N.Y.
3. David B. Johnson	10,500	500,245	7,683	3/9	N.Y.
4. John Gibbon	10,500	500,245	7,820	3/9	N.Y.
<u>Departures in HX-344</u>					
5. William D. Byron	10,500	500,245	7,554	3/14	N.Y.
6. Woodbridge N. Ferris	10,500	500,245	7,638	3/14	N.Y.
7. William Tyler Page	10,500	500,245	7,910	3/14	N.Y.
<u>Departures in HX-345</u>					
8. Keith Palmer	10,500	500,245	7,677	3/19	N.Y.
9. Owen Wister	10,500	500,245	7,685	3/19	N.Y.
10. Renald Fernald	10,500	500,245	7,709	3/19	N.Y.
11. Lord Delaware	10,500	500,245	7,617	3/19	N.Y.
12. Cecil N. Bean	10,500	500,245	7,722	3/19	N.Y.
13. Nelson W. Aldrich	10,500	500,245	7,459	3/19	N.Y.
14. Stevenson Taylor	10,500	500,245	7,631	3/19	N.Y.
15. August Belmont	10,500	500,245	7,586	3/19	N.Y.
16. Linn Boyd	10,500	500,245	7,525	3/19	N.Y.

W.S.A. Dry Cargo Ship ex U.K. Intended for JW-65

17. W. R. Grace	10,500	500,245	2,043 ¹ / ₂	3/11	U.K.
Add part cargo on British vessels			2,072 ² / ₂		
Total, dry cargo	178,500	8,504,165	126,327		

B.M.W.T. Tankers ex U.S.A. on U. S. Lend-Lease Account Intended for JW-66

18. British Respect (alcohol)	11,500	-----	10,312	3/9	N.Y.
19. Empire Garrick (alcohol)	11,000	-----	9,548	3/14	N.Y.
Total, wet cargo	22,500		19,860		

GRAND TOTAL 201,000 8,504,165 146,187

- 1/ Also carried 1777 tons on British account.
 2/ This cargo, on U.S. Lend-Lease account to Russia, was loaded on B.M.W.T. vessels as follows in long tons: Empire Stalwart 953, Fort Boise 390, Fort Yukon 730.

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

~~SECRET~~

(Exhibit B)

EXPECTED SAILINGS TO MURMANSK AND WHITE SEA - APRIL, 1945

W.S.A. Dry Cargo Ships ex U.S.A. Intended for JW-67

<u>Ship</u>	<u>D.W.T.</u>	<u>Cubic</u>	<u>Est.Long Tons</u>	<u>Presentation</u>	<u>At</u>
			<u>of Cargo</u>	<u>Date</u>	
<u>To Depart in HX-350</u>					
1. Edward N. Hurley	10,500	500,245	8,300	3/27	N.Y.
2. Robert J. Collier	10,500	500,245	8,300	3/26	N.Y.
3. Cardinal Gibbons	10,500	500,245	8,300	3/27	N.Y.
4. Samuel McIntyre	10,500	500,245	8,300	3/24	N.Y.
5. George Weems	10,500	500,245	8,300	3/20	N.Y.
6. Barbara Frietchie	10,500	500,245	8,300	3/22	N.Y.
7. Henry Wynkoop	10,500	500,245	8,300	3/29	N.Y.
8. Joshua W. Alexander	10,500	500,245	8,300	3/29	N.Y.
9. Julien Poydras	10,500	500,245	8,300	3/28	N.Y.
10. Thomas Sim Lee	10,500	500,245	8,300	3/28	N.Y.
11. Charles Bullfinch	10,500	500,245	8,300	3/26	N.Y.
<u>To Depart in HX-351</u>					
12. Philip F. Thomas	10,500	500,245	8,300	4/2	N.Y.
13. John Sharp Williams	10,500	500,245	8,300	4/3	N.Y.
14. George H. Pendleton	10,500	500,245	8,300	4/4	N.Y.
15. Alanson B. Houghton	10,500	500,245	8,300	4/4	N.Y.
16. Bernard N. Baker	10,500	500,245	8,300	4/2	N.Y.
17. John Ireland	10,500	500,245	8,300	4/2	N.Y.
18. Caesar Rodney	10,500	500,245	8,300	4/3	N.Y.
Add: part cargo on W.S.A. vessels in U.K. as W.S.A. assistance to the M.W.T. <u>1/</u> 700					
Total, dry cargo	189,000	9,004,410	150,100		

B.M.W.T. Tankers ex U.S.A. on U.S. Lend-Lease Account Intended for JW-67

19. British Promise (alcohol)	11,500	-----	10,000	4/13	Phila.
20. Empire Emerald (av. gas)	13,500	-----	12,000	4/15	N.Y.
Total, wet cargo	25,000	-----	22,000		
GRAND TOTAL	214,000	9,004,410	172,100		

1/ Vessels Park Benjamin and Benjamin H. Hill were allocated in exchange for reduced W.S.A. assistance to U.K. import program in order to lift U.S. P.T. boats, no suitable British ships being available.

DECLASSIFIED
E.O. 11652, Sec. 3(E) and 5(D) or (E)
Commerce Dept. Letter, 11-16-78
By RHP, Date MAR 21 1973

~~SECRET~~

(Exhibit C)

BLACK SEA SAILINGS AND CARGO - MARCH, 1945

<u>Ship</u>	<u>UGS</u> <u>Convoy</u>	<u>D.W.T.</u>	<u>Cubic</u>	<u>Long Tons</u> <u>of Cargo</u>	<u>Sailed</u> <u>On</u>	<u>From</u>
<u>Dry Cargo Ships</u>						
1. Stephen T. Mather	78	10,500	500,245	8,161	3/1	Phila.
2. Jacob Chandler Harper	78	10,500	500,245	8,688	3/3	Phila.
3. Philip Doddridge	78	10,500	500,245	9,093	2/22	Havana
4. Reinhold Richter	80	10,500	500,245	8,316	3/10	Phila.
5. Jesse Cottrell	81	10,500	500,245	8,367	3/16	Phila.
6. Chief Osceola	81	10,500	500,245	8,132	3/14	Phila.
7. R. S. Wilson	81	10,500	500,245	8,285	3/18	Phila.
8. David S. Terry	81	10,500	500,245	8,139	3/18	Phila.
9. Harry Leon Wilson	82	10,500	500,245	8,576	3/20	Phila.
10. John H. Quick	83	10,500	500,245	8,273	3/27	Phila.
11. Vachel Lindsay	84	10,500	500,245	8,282	3/29	Phila.
12. George E. Badger	84	10,500	500,245	8,439	3/30	Phila.
13. Costa Rica Victory	Ind.	10,942	453,000	8,767	3/18	Havana
14. Madaket	Ind.	10,876	543,000	9,185	3/26	Mobile
Total, dry cargo		147,818	6,998,940	118,703		

Tankers on U.S. Lend-Lease Account

15. Gulfport (alkylate)	80	12,800	-----	10,770	3/11	Phila.
16. British Harmony (Br.) (Av. gas)	80	11,500	-----	10,473	3/13	N.Y.
17. British Character (Br.) (Av. gas)	81	12,000	-----	10,800	3/18	N.Y.
18. Britannia (Nor.) (Av. gas)	82	14,250	-----	12,292	3/23	N.Y.
19. Marathon (Nor.)(alkylate)	82	11,600	-----	9,386	3/22	Phila.
Total, wet cargo		62,150	-----	53,721		

GRAND TOTAL 209,968 6,998,940 172,424

DECLASSIFIED
E.O. 11652, Sec. 3(E) and 5(D) or (2)
Commerce Dept. Letter, 11-16-73
By RHP, Date MAR 21 1973

~~SECRET~~

(Exhibit D)

EXPECTED SAILINGS TO BLACK SEA - APRIL, 1945

Dry Cargo Ships

<u>Ship</u>	<u>UGS Convoy</u>	<u>D.W.T.</u>	<u>Cubic</u>	<u>Est. Long Tons of Cargo</u>	<u>Presen- tation Date</u>	<u>At</u>
<u>W.S.A. Ships</u>						
1. James Harlan	85	10,500	500,245	8,500	3/23	Phila.
2. Philip H. Sheridan	86	10,500	500,245	8,500	3/28	Phila.
3. Francis Lewis	87	10,500	500,245	8,500	4/2	Phila.
4. William H. Aspinwall	88	10,500	500,245	8,500	4/8	Phila.
5. Pierre Gibault	89	10,500	500,245	8,500	4/13	Phila.
6. Coaldale Victory	Ind.	10,942	453,000	9,000	3/30	Havana
7. Hagerstown Victory	Ind.	10,942	453,000	9,000	3/25	Mobile
8. Milford Victory	Ind.	10,942	453,000	9,000	4/1	Mobile
9. Mahanoy City Victory	Ind.	10,942	453,000	9,000	4/4	Mobile
10. New Bern Victory	Ind.	10,942	453,000	9,000	4/8	Mobile
11. Andrew Jackson	Ind.	10,775	543,000	9,000	4/12	Mobile
12. Attleboro Victory	Ind.	10,942	453,000	9,000	4/18	Mobile
13. Pittston Victory	Ind.	10,942	453,000	9,000	3/21	N.Orleans
14. Bardstown Victory	Ind.	10,942	453,000	9,000	3/27	N.Orleans
15. Stella Lykes	Ind.	10,775	543,000	9,000	4/7	N.Orleans
16. Ruth Lykes	Ind.	10,775	543,000	9,000	4/8	N.Orleans
17. Stamford Victory	Ind.	10,775	543,000	9,000	4/13	N.Orleans
Total, W.S.A. ships		183,136	8,297,225	150,500		
<u>Soviet Ships ex U.S. West Coast</u>						
18. Minsk		9,500	380,000	7,600	4/15	Vancouver, B.C.
Total, dry cargo		192,636	8,677,225	158,100		
<u>Tankers on U.S. Lend-Lease Account</u>						
19. Empire Beresford (Br.)	84	12,500		11,000	3/31	Phila.
20. Pan Maine	86	12,930		11,000	4/9	Phila.
21. A tanker		12,500		11,000	4/20	Phila.
22. A tanker		12,500		11,000	4/28	N.Y.
Total, wet cargo		50,430		44,000		
GRAND TOTAL		243,066	8,677,225	202,100		

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~~

(Exhibit E)

PERSIAN GULF SAILINGS - MARCH, 1945

<u>Ship</u>	<u>D.W.T.</u>	<u>Cubic</u>	<u>U.S.S.R.</u>	<u>Long Tons of Cargo</u>		<u>From</u>
				<u>Oil</u>	<u>Sailed</u>	
<u>Departure in UGS-78</u>						
1. John Constantine	10,500	500,245	1,277 ^{1/}		3/3	N.Y.
<u>Departure in UGS-79</u>						
2. John H. Eaton	10,500	500,245	3,132	3,802	3/8	Phila.
<u>Departure in UGS-82</u>						
3. William M. Evarts ^{2/}	10,500	265,000			3/22	Phila.
<u>Departure in UGS-83</u>						
4. Joseph G. Cannon	<u>10,500</u>	<u>450,000</u>	<u> </u>	<u>7,498</u>	3/27	Phila.
Total	42,000	1,715,490	4,409	11,300		

Note: There was no cargo lifted in March for the Persian Gulf Command.

- ^{1/} Part cargo on a W.S.A. ship allocated to British-Aid Program.
- ^{2/} Vessel is carrying 800 Army personnel and approximately 4100 long tons of cargo for Suez, and 500 Army personnel for Basra.

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~~

(Exhibit F)

SAILINGS AND CARGO FOR THE SOVIET FAR EAST - MARCH, 1945

Dry Cargo Ships

<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>From Columbia River</u>				
1. Moscalvo		4,000	2,777	3/2
2. Karaganda*	Vermar	8,600	6,645	3/3
3. Saratov*	Alcoa Guard	7,564	5,583	3/3
4. Molotov		4,200	2,831	3/5
5. Kokkinaki		3,140	2,218	3/18
6. Alexander Suvorov	Elijah P. Lovejoy	10,791	8,894	3/19
7. Kotlin		4,235	2,844	3/20
8. Baku	David Douglas	10,791	8,724	3/21
9. Turkmen		4,155	3,001	3/22
10. Udarnik		5,500	4,257	3/24
11. Tomsk*	Herman F. Whiton	8,600	5,937	3/24
12. Nogin	Ewa	9,822	7,793	3/27
13. Tungus	Sieur Duluth	10,791	8,886	3/27
14. Cheliabinsk*	W. R. Keever	8,434	6,241	3/29
15. Viborg		8,200	6,291	3/31
16. Kharkov*	Jane Christenson	8,616	6,345	3/31
17. Magadan*	Mormacrio	8,366	5,423	3/31
Total		125,805	94,690	
<u>From Puget Sound</u>				
18. Plekhanov*	Charles Christenson	8,550	6,203	3/6
19. Akademik Pavlov*	Winona	8,650	7,498	3/13
20. Aleut (whaler)		7,300	4,708	3/29
Total		24,500	18,409	
<u>From San Francisco</u>				
21. Timiriazev	Aquarius	7,932	6,729	3/22
<u>From Vancouver, B.C.</u>				
22. Sacco		3,200	2,634	3/12
23. Tashkent	Iowan	9,500	7,203	3/15
24. Emilyan Pugachev	L. Agassiz	10,791	9,227	3/30
25. Anadyr		3,500	2,430	3/30
26. Ashkhabad	Admiral Cole	5,400	3,747	3/31
Total		32,391	25,241	
Total, dry cargo		190,628	145,069	

DECLASSIFIED
E.O. 11652, Sec. 3(E) and 5(D) or (E)
Commerce Dept. Letter, 11-16-72
By RHP, Date MAR 21 1973

~~SECRET~~

(Exhibit F continued)

SAILINGS AND CARGO FOR THE SOVIET FAR EAST - MARCH, 1945

Tankers

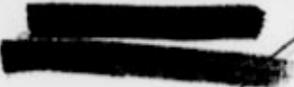
<u>Ship</u>	<u>Ex U.S. Ship</u>	<u>D.W.T.</u>	<u>Long Tons of Cargo</u>	<u>Date Sailed</u>
<u>From Puget Sound</u>				
27. Belgorod	Paul Dunbar	10,495	9,210	3/16
<u>From San Francisco</u>				
28. Sakhalin		<u>8,800</u>	<u>7,530</u>	3/26
Total, wet cargo		19,295	16,740	
GRAND TOTAL, ALL SHIPS		209,923	161,809	

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

~~SECRET~~

(SC)L11-7/EF 61
Serial 065412

PSF THE SECRETARY OF THE NAVY
WASHINGTON



*C. F.
Lend Lease*

11 APR 1945

My dear Mr. President:

In accordance with your memorandum of 2 October 1942, there is enclosed herewith a report as of 1 April 1945 showing the progress made by the Navy Department in supplying lend-lease material to the Soviet Government under the Third Protocol and the Fourth Protocol less Annex 3.

Respectfully submitted,

James Forrester

x18

The President
The White House

*x4193
x220*

FRANKLIN D. ROOSEVELT LIBRARY
DECLASSIFIED
DDO DIR. 5200.9 (9/27/68)
Date- JAN 25 1972
Signature- *RHP*

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

ITEM	AMOUNT REQUESTED	DELIVERED	DELIVERY SCHEDULE FOR APRIL 1945	DELIVERY SCHEDULE FOR MAY 1945	DELIVERY SCHEDULE FOR JUNE 1945	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
RADIO BEACONS	5	5	0	0	0	0	
MARINE DIESEL ENGINES 1200 H.P.	50	38	12	0	0	0	
MARINE DIESEL GENERATORS	1,302	1,269	33	0	0	0	
SHORE RADIO STATIONS	3	2	0	0	0	1	UNSCHEDULED
ELECTRIC MOTORS	512	512	0	0	0	0	
ROUNDS 20MM AA AMMUNITION	2,500,000	1,999,800	0	0	0	500,200	UNSCHEDULED

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

ITEM	AMOUNT REQUESTED	DELIVERED	DELIVERY SCHEDULE FOR APRIL 1945	DELIVERY SCHEDULE FOR MAY 1945	DELIVERY SCHEDULE FOR JUNE 1945	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
ASSEMBLED MOTOR TORPEDO BOATS	86	19	6	6	6	49	JULY - DECEMBER 1945
136' COASTAL MINESWEEPERS	12	2	4	4	2	0	
143' TUG BOATS *	20	0	3	3	4	10	JULY - AUGUST 1945
*THESE TUGS ARE OFFERED UNDER THE EXPRESS CONDITION THAT WHEN AND AS THEY ARE COMPLETED, THEY MAY BE RETAINED BY THE NAVY TO FILL URGENT OPERATIONAL REQUIREMENTS.							
LANDING CRAFT - VARIOUS TYPES	8	6	0	0	0	2	TO BE TRANSFERRED IN EUROPE
TWIN SCREW TUG BOATS SHALLOW DRAFT	15	13	2	0	0	0	
ICEBREAKERS	2	1	1	0	0	0	
MARINE DIESEL ENGINES 1200 H.P.	55	0	0	0	0	55	DECEMBER 1945 - APRIL 1946
MARINE DIESEL ENGINES 950 H.P.	30	10	10	10	0	0	
MARINE DIESEL ENGINES 650 H.P.	62	46	16	0	0	0	
MARINE DIESEL ENGINES 101 - 500 H.P.	1,380	894	46	36	65	339	JULY - DECEMBER 1945
MARINE DIESEL ENGINES 31 - 100 H.P.	700	328	48	44	48	232	JULY - NOVEMBER 1945
MARINE DIESEL ENGINES 9 - 30 H.P.	475	250	0	0	0	225	JULY - NOVEMBER 1945
MARINE GASOLINE ENGINES 1200 H.P.	1,780	1,677	50	53	0	0	
MARINE GASOLINE ENGINES 900 H.P.	50	0	0	0	0	50	UNSCHEDULED
MARINE GASOLINE ENGINES 101 - 300 H.P.	400	0	0	0	0	400	UNSCHEDULED
MARINE GASOLINE ENGINES 13 - 100 H.P.	690	602	38	30	20	0	
KEROSENE MOTORS	50	0	0	0	0	50	JULY - SEPTEMBER 1945
MARINE DIESEL GENERATORS	923	475	19	45	16	368	UNSCHEDULED

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

ITEM	AMOUNT REQUESTED	DELIVERED	DELIVERY SCHEDULE FOR APRIL 1945	DELIVERY SCHEDULE FOR MAY 1945	DELIVERY SCHEDULE FOR JUNE 1945	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
MARINE PUMPS	1,828	522	10	45	0	1,251	JULY - DECEMBER 1945
RADIO RECEIVERS	886	176	5	0	0	705	AUGUST - DECEMBER 1945
POTASSIUM TETRAOXIDE	1,820,000lbs.	1,472,625	90,000	90,000	90,000	77,375	JULY 1945
ELECTRIC MOTORS	991	681	45	37	40	188	JULY - OCTOBER 1945
RADIO BEACONS	10	5	5	0	0	0	
ELECTRIC TACHOMETERS	279	279	0	0	0	0	
DIESEL ELECTRIC DRIVE SETS	6	4	2	0	0	0	
BASE SPARES FOR MARINE DIESEL ENGINES	6 sets	3	3	0	0	0	
TIMING EQUIPMENT	25	0	0	0	25	0	
ROTATING BEACONS	171	40	0	0	0	131	AUGUST - DECEMBER 1945
ELECTRIC HYDRAULIC STEERING GEAR	1	0	1	0	0	0	
RADIO TRANSMITTING EQUIPMENT	1 lot	0	0	0	1 lot	0	
HIGH FREQUENCY SIGNAL GENERATORS	1 lot	0	0	0	1 lot	0	
MAGNETIC MINESWEEPING GEAR	20 sets	Partial	Partial	Partial	Partial	Partial	COMPLETE 4TH QUARTER 1945
ELECTRICAL EQUIPMENT SETS FOR RUDDER STEERING GEAR	3	0	0	3	0	0	
BASE SPARES FOR MOTOR TORPEDO BOATS	2 sets	Partial	Complete	0	0	0	
ELECTRICAL EQUIPMENT	3 lots	Partial	Complete	0	0	0	
PROPULSION MACHINERY FOR 110' SUBCHASERS	2 sets	0	0	0	2 sets	0	
ELECTRIC GENERATORS	110	0	0	0	0	110	UNSCHEDULED
ENDLESS TANGENT SEXTANTS	130	0	0	0	130	0	

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

ITEM	AMOUNT RE-UESTED	DELIVERED	DELIVERY SCHEDULE FOR APRIL 1945	DELIVERY SCHEDULE FOR MAY 1945	DELIVERY SCHEDULE FOR JUNE 1945	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
LOGS AND SPARES	215sets	151	5	5	5	49	JULY - DECEMBER 1945
COMPASSES	1,298	1,132	166	0	0	0	
UNDERWATER SOUND EQUIPMENT AND SPARES	6	6	0	0	0	0	
AUXILIARY VERTICAL STEAM BOILERS	20	0	0	0	0	20	UNSCHEDULED
SOUNDING MACHINES AND EQUIPMENT	50 sets	0	0	0	0	50 sets	JULY 1945
COMPRESSORS	249	60	41	9	9	130	JULY - DECEMBER 1945
SHIP RADIO STATIONS	50	0	0	0	0	50	4TH QUARTER 1945
PORTABLE DECK FUEL CELLS	60	0	0	0	0	60	AUGUST 1945
ARC WELDERS	20	0	0	0	0	20	4TH QUARTER 1945
PLATING EQUIPMENT FOR BEARINGS	1	1	0	0	0	0	
SPARES FOR UNDERWATER SOUND EQUIPMENT	1 lot	0	0	0	0	1 lot	JULY 1945
STEAM CAPSTANS	42	0	0	0	0	42	UNSCHEDULED
ELECTRIC STEERING ENGINES	40	0	0	0	0	40	UNSCHEDULED
ATTACK AND RECORDER TEACHERS	10	0	0	0	0	10	UNSCHEDULED
OIL PURIFIERS	4	0	0	0	0	4	3RD QUARTER 1945
WINDLASSES AND WINCHES	253	0	0	0	0	253	3RD QUARTER 1945
PROPELLERS AND SHAFTS	447-87	0-5	0	0	0	447-82	3RD QUARTER 1945
EQUIPMENT FOR RADIO BEACONS	30 sets	0	0	0	0	30 sets	4TH QUARTER 1945
SOUND EQUIPMENT FOR BUOYS	150 sets	0	0	0	0	150 sets	4TH QUARTER 1945
LANTERNS	811	280	0	0	0	531	JULY - DECEMBER 1945

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

ITEM	AMOUNT REQUESTED	DELIVERED	DELIVERY SCHEDULE FOR APRIL 1945	DELIVERY SCHEDULE FOR MAY 1945	DELIVERY SCHEDULE FOR JUNE 1945	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
GAS ACCUMULATORS	330	0	0	0	0	330	4TH QUARTER 1945
RUBBER LIFE RAFTS	200	0	0	0	0	200	JULY 1945
SPRING PACKS FOR BLOWERS	30 sets	30 sets	0	0	0	0	
LIGHTHOUSE EQUIPMENT	2 lots	0	0	0	0	2 lots	4TH QUARTER 1945
FOG SIGNALS	1 lot	0	0	0	0	1 lot	4TH QUARTER 1945
DIVING OUTFITS	100 sets	24	30	30	16	0	
FLASH REGULATORS	20	0	0	0	0	20	4TH QUARTER 1945
RADAR EQUIPMENT	20	0	0	0	0	20	4TH QUARTER 1945
SOUND DETECTING EQUIPMENT	1	0	0	0	0	1	JULY 1945
BLOCK ASSEMBLIES	2	0	0	0	0	2	JULY 1945
REFLECTORS FOR BUOYS	150	0	0	0	0	150	4TH QUARTER 1945
5"/38 AMMUNITION	66,000	66,000	0	0	0	0	
AIR TANKS (TORPEDO) ROUGH MACHINED	1,000	1,000	0	0	0	0	
TORPEDO TUBE HEATERS	360	360	0	0	0	0	
STAR GAUGES MK. 3	4	2	2	0	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	
MODIFICATION PARTS FOR SIGHTS FOR THE 132 - 5"/38 CALIBER ASSEMBLIES	1 lot	1 lot	0	0	0	0	
RADAR EQUIPMENT MK. 3	5	5	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 APRIL 1945	DELIVERY SCHEDULE FORMAY 1945	DELIVERY SCHEDULE FOR JUNE 1945	BALANCE TO BE DELIVERED	SCHEDULE TIME FOR DELIVERIES OF BALANCE
DEPTH CHARGE RELEASE TRACKS MK. 3 WITH EXTENSIONS MK. 3	2	0	2	0	0	0	
COMPLETE SETS OF RADIO TUBES FOR 5 SETS OF NAVAL TYPE RADIO SET FC	20	20	0	0	0	0	
EQUIPMENT SPARE PARTS FOR 5 SETS OF RADAR EQUIPMENT MK. 3	5	5	0	0	0	0	
TENDER SET SPARE PARTS FOR 5 SETS OF RADAR EQUIPMENT MK. 3	1	1	0	0	0	0	
ATTACK PLOTTERS MK. 1 MO ^U . 2 COMPLETE WITH SPARES AND ACCESSORIES	5	0	5	0	0	0	
DYE FOR PAINTING OF SPLASHES FOR 5"/38 CALIBER AMMUNITION	800 lbs.	800	0	0	0	0	
POINT DETONATING FUZZES MK. 29 FOR 5"/38 CALIBER PROJECTILE	100,000	0	0	25,000	25,000	50,000	JULY - AUGUST 1945
SEALING CUP ASSEMBLY FOR AUXILIARY DETONATING FUZE MK. 54	100,000	0	0	25,000	25,000	50,000	JULY - AUGUST 1945
TOOLS FOR CONVERSION OF FUZE MK. 46 TO FUZE MARK 54	5 sets	0	0	5	0	0	
ADDITIONAL PIECES FOR AIR TANKS (TORPEDO)	19	0	19	0	0	0	
SMALL ARMAMENT FOR 12 MINE SWEEPERS (YMS)	12 sets	2	4	4	2	0	
PBW-1 AIRPLANES	108	108	0	0	0	0	
PETROLEUM PRODUCTS (SHORT TONS)	1,383,347	1,175,473	117,477	90,397	0	0	
WOOLEN CLOTH	1,568 tons	248	887	433	0	0	