

Lend Lease: June 1943

PETROLEUM ADMINISTRATION FOR WAR

WASHINGTON

JUN 10 1943

file

C. F. Lend Lease

My dear Mr. President:

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

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

Sincerely yours,

Harold G. Piles

Petroleum Administrator for War.

The President,

The White House.

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x56-7B*

PETROLEUM ADMINISTRATION FOR WAR

WASHINGTON

SUPPLIES FOR THE U.S.S.R.

REPORT TO THE PRESIDENT

PETROLEUM PRODUCTS

On May 18 the Chairman of the Soviet Government Purchasing Commission addressed a letter to General Spalding to request that considerable quantities of aviation gasoline and blending agents be furnished for June shipment. After adjustment for certain tanker capacity discrepancies in the letter, the request amounted to the equivalent of about 1,071,000 barrels of 100 octane aviation gasoline. Allocations recommended by the Aviation Petroleum Products Allocation Committee, together with certain supplies of drummed material which can be made available from United States Army/Navy stocks would make it possible to furnish about 979,000 barrels, but it is understood that shipping space is laid out at this time for only about 947,000 barrels of 100 octane equivalent.

Of the six tankers which will be used for the transport of the bulk aviation gasoline and blending agent on the June program, four will be United States vessels which have been or will be turned over to the Russians under Lend-Lease and will sail under Soviet registry. This brings to seven the total of United States tankers turned over to the Russians. It is our understanding that the entire Russian fleet of full sized ocean-going tankers now in service consists of ten vessels, including the seven United States ships above mentioned.

A considerable amount of difficulty and delay was experienced in furnishing the drummed blending agent desired for April and May shipment, partly because of insufficient delivery notice from the Russians and partly as a result of the immediate unavailability of the material and of suitable drums. The material is ordinarily supplied from Gulf Coast manufacturing plants, and when shipment from the West and East Coasts is necessary, as is practically always the case, transfer to the ports must be made by rail. This is a difficult and time-consuming matter under today's conditions. Unfortunately, many times in the past the Russians have apparently found it impossible to give adequate shipping notice for such parcels. For example, in the case of the April and May requirements here mentioned, notice was not given until late in March.

While the Russian estimate of petroleum product requirements under the Third Protocol includes as its principal items two tankers monthly of blending agent and three tankers monthly of 100 octane aviation gasoline, it is noted that in General Belyaev's letter of May 21 to General Spalding three tankers of blending agent and two of 100 octane are requested for July, and the same for August. Furthermore, a quantity of blending agent equivalent to more than half a tanker is requested each month in drums. The furnishing of two additional United States tankers is also requested for the July parcels.

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

Interior Dept Hqs, 11-3-72

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 May 31, 1943:

Aviation Gasoline and Blending Agents	2,551,401 Bbls.
Motor Gasoline	720,252 "
Miscellaneous Naphtha and Kerosene	25,092 "
Gas Oil	142,150 "
Fuel Oil	27,831 "
Lubricating Oil	143,835 "
Grease	5,366 "
Tetraethyl Lead	16,279 "
Lubricating Oil Additives	24,814 "
Total -	<u>3,457,020 "</u>

Ceresine and Paraffin Wax 2,758 Short Tons

It is expected that a downward adjustment of about 69,000 barrels will be made in the aviation gasoline and blending agents figure to compensate for material diverted last year to the United Kingdom while en route to Russia, as a result of enemy action.

PETROLEUM REFINING PLANTS

We are informed that the higher authorities in the U. S. S. R. have assigned the highest shipping priority to the refining plants and equipment which are being furnished under the Second Protocol. The procurement and delivery of materials on this program are substantially on schedule, and will continue so provided the fabricators do not encounter unexpected difficulties in obtaining the necessary primary materials. The WPB urgency allotted to the program, Number 5 at the time the allotment was made, is in fact now Number 1, inasmuch as urgencies 1 to 4 are already completed. These Russian refining plants are therefore the most urgent projects in process in United States shops. The Russians have expressed their satisfaction that everything that can be done to expedite the fulfillment of the program is being done.

It is expected that a staff of American engineers will leave shortly for Russia to undertake supervision of the installation of the refining equipment as it arrives, and to start it in operation. Forty Russian operators and technologists will be sent soon to this country to be trained in the handling of this equipment, much of which is undoubtedly new to the Russian petroleum industry. After a training period of about six months they should be able initially to operate the plants under the supervision of the American engineers, and later to direct the operations entirely without American assistance.

Considerable additional costs will be involved in the Second Protocol plants over the original estimates, principally because of the use of better materials than are called for under American war-time standards and because of various changes requested by the Russians to meet their requirements and specifications. Complete data on these additional costs are now in process of compilation by the general contractors, E. B. Badger & Sons.

The pilot voltol plant at Baton Rouge is now being dismantled for shipment to Russia, and the supplementary equipment necessary to adapt it to Russian operating conditions is being obtained.

We have not yet been officially advised by the Russians as to the full refining plant requirements under the Third Protocol. However, in recent discussions with members of the Soviet Purchasing Commission staff we have learned that the program will probably comprise the following:

- 1 - Toluene plant.
- 1 - Aviation gasoline plant as addition to Plant #4 of the Second Protocol.
- 1 - Cumene plant, with various supplementary facilities.
- 2 - Plants for dehydrogenation of butanes to butenes.
- 1 - Aviation gasoline plant.
- 1 - Catalyst manufacturing plant.
- 1 - Aviation lubricating oil plant.
- 1 - Dewaxing unit for neutral oils.
- 1 - Propane de-asphalting and dewaxing plant.

The information so far given to us with regard to the foregoing is insufficient to allow even preliminary work to be undertaken with a view to supplying the equipment. This is particularly disappointing in view of the fact that the Commission was requested last November to formulate its future requirements.

OILFIELD EQUIPMENT

It is expected that delivery to port of all of the equipment for the Arctic program will be accomplished in time for the special transportation which the Russians have laid out for it. Punctual delivery of this material is particularly important because of the very limited shipping season to the destinations on the northern coast of Siberia. This equipment is being furnished for the petroleum exploration and exploitation work in the Arctic area.

Delivery of other oilfield equipment is being constantly followed by this office to the end that no avoidable delays will occur.

No formal estimates of requirements under the Third Protocol have yet been furnished by the Russians. This is surprising, as we understand from conversations with them that large quantities of equipment will be desired. It is understood that the Office of Lend-Lease Administration is pursuing the subject with the Soviet Purchasing Commission.

RECOMMENDATIONS

We have no further recommendations to make at this time.

[REDACTED]

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

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C. F.
Lend Lease

June 10, 1943

MEMORANDUM

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

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

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

E. R. Stettinius

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

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FOR DEFENSE



BUY
UNITED
STATES
SAVINGS
BONDS
AND STAMPS

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THE SOVIET SUPPLY PROGRAM

I. Shipping

May clearances totalled 346,500 gross long tons, which represent an increase of nearly 9,000 gross long tons over April clearances. As in April, the May movement occurred without use of the route to North Russian ports. For the first time clearances from West Coast ports exceeded 200,000 gross long tons. Fifty former United States vessels are now in the Pacific service, and additional sailings are scheduled for June.

Foodstuffs accounted for approximately 39% of total clearances to reach 134,400 gross long tons. This food tonnage figure is the highest to date. Shipment of metals was also increased to 81,500 gross long tons or 24% of total clearances. Truck shipments again exceeded 10,000 units, as had been the case in April. For the first time, a bulk shipment of 1,638 short tons of alcohol was made in response to requests for industrial alcohol to permit conservation within the U.S.S.R. of grain and potato stocks normally used to produce alcohol for the synthetic rubber and other military programs.

May shipping successes are tempered by an anticipated June program. This program has been reduced on the East Coast to permit reduction of Persian Gulf accumulations of stocks at rail and road heads. On the West Coast the movement will be smaller because of the tardy return of vessels from the Soviet Far East.

II. Airplanes

Deliveries of airplanes during May exceeded April deliveries by eight planes to reach a total of 463. Of primary importance is the fact that over 41% of these planes were flight delivered via Alaska. An additional 4% were flight delivered over the South Atlantic. Of the total of 463 planes shipped or flight delivered, 211 were for British account, 250 for U. S. account and 2 were replacements for planes diverted to U. S. forces in the United Kingdom.

III. Third Protocol

Under authorization from the Protocol Committee, requisitions were approved during May for certain items planned for offering in the Third Protocol, even though the Protocol offering had not yet

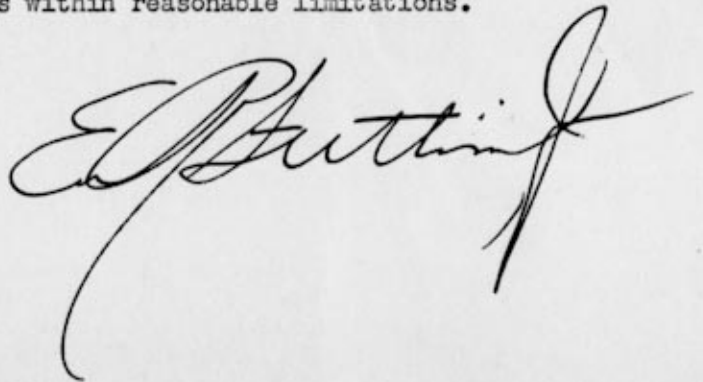
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been made to the Soviet Government. These requisitions will assure continuation of deliveries in July of aluminum, copper goods, alloy steels and other basic items on which the manufacturing cycle was too long to permit awaiting the termination of Third Protocol negotiations if deliveries were to be assured for the first months of the new Protocol period. Requisitions for power equipment have also been approved to permit commencing production in time to finish before the end of the new Protocol period.

Efforts have been made to obtain funds from Congress with which to meet anticipated Third Protocol commitments to be financed by this Administration.

IV. Accumulated Stocks

Due to increased shipments and diversions to other uses, accumulations of steel stocks were reduced by approximately 50,000 net tons during May. Some of the diverted stocks consisted of oil country pipe to restore the flow in pipelines destroyed by the Mississippi River flood. Other extensive diversions are now being arranged, and production is being regulated to maintain stocks within reasonable limitations.



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

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C. F.

Lend Lease

DEPARTMENT OF STATE
WASHINGTON

June 10, 1943

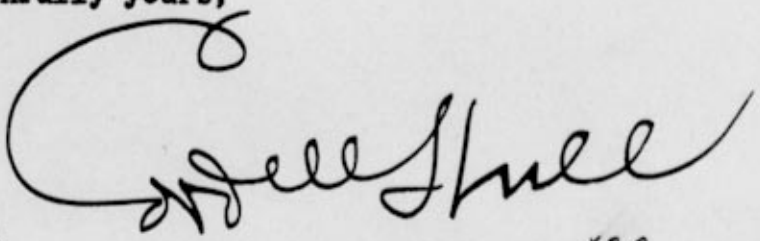
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drawer
with copy of letter,
w/attach
"C.F. Lend Lease"*

My dear Mr. President:

I am transmitting herewith a copy for you of the Proposed Soviet Protocol with the schedules of the offerings of the United Kingdom, Canada, and the United States which I handed today to the Soviet Chargé d'Affaires in Washington for transmission to the Soviet Government for its consideration.

This draft Protocol and schedules I am informed is being communicated today to the Soviet Ambassador in London and the Soviet Minister in Ottawa by the British and Canadian Governments respectively. When agreement is reached with the Soviet Government on the Protocol it is planned to have it signed in London.

Faithfully yours,



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Enclosure:

Proposed Third
Protocol.

The President,
The White House.

PSF
C.F
Lend Lease

PROPOSED THIRD PROTOCOL

BETWEEN

THE UNION OF SOVIET SOCIALIST REPUBLICS

AND

THE UNITED STATES, UNITED KINGDOM AND CANADA

COVERING THE PERIOD

JULY 1, 1943 TO JUNE 30, 1944

PROPOSED THIRD PROTOCOL
BETWEEN
THE UNION OF SOVIET SOCIALIST REPUBLICS
AND
THE UNITED STATES, UNITED KINGDOM AND CANADA
COVERING THE PERIOD
JULY 1, 1943 TO JUNE 30, 1944

The Government of the United States, the Government of the United Kingdom and the Government of Canada, recognizing the outstanding contribution of the Union of Soviet Socialist Republics in the prosecution of the war against the common enemy, and desiring to continue to provide the Government of the Union of Soviet Socialist Republics with the maximum assistance possible in the form of military supplies, raw materials, industrial equipment and food, and the Government of the Union of Soviet Socialist Republics desiring to assist the Governments of the United States, the United Kingdom and Canada in meeting their war needs for raw materials and other supplies, have agreed as follows:

ARTICLE I

The Governments of the United States, the United Kingdom, and Canada undertake to make available for dispatch to the Government of the Union of Soviet Socialist Republics, during the period July 1, 1943 to June 30, 1944, the supplies mentioned in the schedules annexed hereto under the conditions stated therein.

ARTICLE II

The Governments of the United States and the United Kingdom will aid in the movement of the supplies offered, by furnishing shipping as set forth in the schedules annexed hereto, it being understood that these commitments as to shipping may be reduced if shipping losses, lack of escorts, deficiencies in the anticipated capacity of the available routes, the necessities of other operations, or the exigencies of the situation, render their fulfillment impracticable.

ARTICLE III

The Government of the Union of Soviet Socialist Republics undertakes to make available for dispatch to the Governments of the United States, the United Kingdom, and Canada, within the period covered by the present protocol, such raw materials and other supplies as may be available and as are desired by said governments in the prosecution of the war.

ARTICLE IV

The financial arrangements concluded between the Government of the Union of Soviet Socialist Republics on the one hand and the Governments of the United States and the United Kingdom respectively, on the other in connection with the supplies furnished in pursuance of the protocol signed between the parties in Washington on October 6, 1942 shall continue to govern the provision of supplies furnished by the Governments of the United States and the United Kingdom in pursuance of the present protocol.

Any financial arrangements between the Government of the Union of Soviet Socialist Republics on the one hand and the Government of Canada on the other in connection with the supplies to be furnished by the Government of Canada in pursuance of the present protocol shall be the subject of a separate agreement to be concluded between the Government of Canada and the Government of the Union of Soviet Socialist Republics.

ARTICLE V

The lists of supplies in the schedules annexed hereto shall be subject to reallocation between the three supplying countries as they may decide between themselves in order to meet strategic, supply or shipping exigencies. They shall too be liable to variation to meet unforeseen developments in the war situation. If shipping losses, production failures, or the necessities of other operations render their fulfillment prohibitive, it may be necessary to reduce them. On the other hand, if conditions permit, the Governments of the United States, the United Kingdom and Canada will be glad to review the schedules from time to time for the purpose of increasing the quantities to be provided and delivered.

UNITED STATES SCHEDULE
OF
SUPPLIES AND SHIPMENTS
FOR
THE THIRD SOVIET PROTOCOL

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UNITED STATES SCHEDULE OF SUPPLIES AND SHIPMENTS
FOR THE THIRD SOVIET PROTOCOL

The United States Government undertakes to make available for shipment during the protocol period to the Union of Soviet Socialist Republics a total of 4,500,000 short tons of stores, of which approximately 2,700,000 short tons will be for shipment in Soviet flag vessels and 1,800,000 short tons for shipment in United States flag vessels. The foregoing availability will be reduced to the extent that offerings of other parties to the protocol are carried in the shipping referred to hereinafter.

The United States will supply the shipping tonnage which, with the Soviet tonnage presently employed, will lift 225,000 short tons per month via the Pacific route, on the understanding that the turn-around is to be of 75 days' duration and that the United States will lend every assistance to the Union of Soviet Socialist Republics in order that this may be achieved, and on the further understanding that should any untoward events close the Pacific route to the Union of Soviet Socialist Republics or restrict its use, United States tonnage transferred to the Soviet flag for employment on this route will be used on other available routes to the Union of Soviet Socialist Republics for lifting protocol supplies, for the shipment of which the United States is responsible.

The United States will undertake to lift by either the Northern route or the Persian Gulf route, whichever in the light of changing conditions proves from time to time to be more efficient a total of 150,000 short tons a month.

The foregoing commitments as to shipping will include the movement of supplies selected from Canadian offerings and from United Kingdom offerings of wool and lead originating in Australia and New Zealand and such supplies originating in North America as by agreement between the Governments of the United States and United Kingdom are to continue to be carried

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in United States vessels, as well as shipments from such sources as may become necessary in meeting the commitments of the United States. All shipping commitments are subject to the provisions of Article II of this protocol.

The Government of the United States offers the following schedule of supplies, aggregating some 7,080,000 short tons, from which it will be necessary for the Soviet Government to select as promptly as practicable, a program of particular supplies for dispatch which does not exceed the shipping limitations outlined above, i.e., 4,500,000 short tons, exclusive of fly-away airplanes, to which may be added 500,000 short tons for stockpile and carryover, or a total of 5,000,000 short tons. This program should include all cargo to be transported in the shipping referred to above from the United States, or from other sources, after July 1, 1943, including protocol and non-protocol items on hand, on order or to be ordered. Protocol and non-protocol material delivered but not exported as of June 30, 1943 will be available for selection within the limitations as to tonnage.

It is appreciated that reasonable stockpiles of stores must be maintained in the United States so that the Union of Soviet Socialist Republics can, from month to month, select cargo for shipment that is most needed to meet the everchanging requirements of war. However, the United States reserves the right to limit the size of such individual stockpiles, either by control of production or diversion of product, or both, when in its judgment such action is in the best interest of the common cause. In taking such action, due consideration will be given to the expressed needs of the Union of Soviet Socialist Republics.

When production is curtailed or material is diverted, the arrearages in the various items involved will be given all possible consideration in conformity with future realistic shipping programs, Soviet desires, other urgent war requirements and reasonable production schedules.

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The offerings made in the United States' schedule of supplies are subject to specifications which shall be in accord with current United States' conservation and production practices and practicable and specific material scheduling.

The United States stands ready, through appropriate officials, to discuss with Soviet representatives in Washington all detailed questions pertaining to the schedule of stores and services and any reasonable adjustments that may be desired.

A supplementary request has been submitted by the Union of Soviet Socialist Republics. The offerings in this schedule include responses to this request for certain of the items. The remainder are under investigation, and information regarding the possibility of supply will be furnished as soon as practicable.

Above all, the United States desires again to assure the Union of Soviet Socialist Republics that it has a full understanding of the vital importance of the Soviet front and the urgent necessities of moving supplies to it in the highest possible volume and in the shortest space of time.

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ARMAMENT AND MILITARY EQUIPMENT

(All Weights in Short Tons)

(Except as otherwise specified, amounts are to be provided in equal monthly installments as nearly as practicable.)

AIRPLANES

Requested: 8,160

Airplanes:

6,000 pursuit planes "Aircobra"
 1,200 light bombers, Type A-20
 600 medium bombers, Type B-25
 360 transport planes, Type C-46; C-47

Spare Parts:

Spare engines 30 percent of number of planes
 Spare propellers 30 percent of number of planes
 Airplane spare parts 20 percent of value of plane
 Engine spare parts 15 percent of value of plane
 Propeller spare parts 15 percent of value of propeller

Offered: 2,784 (Supplied with equipment and ammunition in accordance with United States Standards.)

The offer will be reexamined at the earliest practicable opportunity for the purpose of determining whether in the light of operational requirements and production it is possible to increase the number of airplanes.

Airplanes:

1,200 fighters, 1-engine, Type P-39
 1,200 light bombers, Type A-20
 144 medium bombers, Type B-25
 240 medium transport planes, Type C-47

In addition, in accordance with a previous agreement made with the United Kingdom, involving interchange of certain airplanes, the United States is to supply for the United Kingdom's account 150 P-39 fighter airplanes per month for the period ending December 31, 1943.

Spare Parts:

To be supplied in accordance with United States Standards which are equal to or in excess of amount requested. (Joint Aircraft Committee Case 1850, Revision B.)

TANKS

Requested: None

Offered: 2,000 medium tanks, M4A2, with ammunition and spare parts. Also 1,000 additional tanks to be placed in production for delivery July 1, 1944 to December 31, 1944.

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ARMAMENT AND MILITARY EQUIPMENT, CONTINUED

TRUCKS

Requested: 144,000
Spare parts, 20 percent of value of trucks

Offered: 132,000 Shipping Weight: 643,800

Delivery:
10,000 for each of first six months
12,000 for each of second six months
Trucks to be supplied with spare parts according to United States Standards which are in excess of amount requested.

SCOUT CARS (Jeeps)

Requested: 24,000
Spare parts at 20 per cent of value of a jeep

Offered: 24,000 $\frac{1}{2}$ ton 4 x 4 trucks
Shipping Weight: 117,700
Spare parts according to United States Standards which are in excess of amount requested.

Additional items offered estimated to be undelivered on June 30, 1943 under Second Protocol: 4,500 Scout Cars M3A1
Shipping Weight: 31,050

PRIME MOVERS FOR ARTILLERY

Requested: 3,000
1,680 tractors, medium
720 tractors, heavy
600 armoured half-tracks
Spare parts, 20 per cent of value of item

Offered: 3,000 Shipping Weight: 62,000
1,680 tractors, medium M1
720 tractors, heavy M1
600 cars half-track M9 (Supplied with equipment and ammunition in accordance with United States Standards)
Spare parts in accordance with United States Standards which are in excess of amount requested

MOTORCYCLES

Requested: 12,000
Spare parts, 20 per cent of value of motorcycle

Offered: 12,000 Shipping Weight: 9,900
Spare parts in accordance with United States Standards which are in excess of amount requested

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ARMAMENT AND MILITARY EQUIPMENT, CONTINUED

POWDER

Requested: 67,200 tons

Offered: 72,700 tons

Shipping Weight: 75,300

Delivery:

5,600 tons in first month

6,100 tons in each of remaining months

TOLUOL

Requested: 40,320 tons

Offered: 40,320 tons

Shipping Weight: 44,400

Delivery:

6,720 tons in first quarter

11,200 tons in each of last three quarters

T N T

Requested: 26,880 tons

Offered: 26,880 tons

Shipping Weight: 30,600

RADIO STATIONS, RADIO LOCATORS

Requested: 15,700 Units and other radio equipment

Offered: 14,010 Units and other radio equipment

Shipping Weight: 14,800

In addition 430 units estimated to be
undelivered on June 30, 1943 under
Second Protocol

Breakdown

A. Radio Stations, Output more than 1 KW

Requested: 60

Offered: 61

Shipping Weight: 910

Delivery:

1 - 50 KW short-wave station in last quarter

20 - 10 to 15 KW transmitting and receiving sets

10 in each of last 2 quarters

39 - 2 to 3 KW transmitting and receiving sets

9 in second quarter

15 in each of last 2 quarters

1 - RCA ET4331 in second quarter

ARMAMENT AND MILITARY EQUIPMENT, CONTINUED

B. Radio Stations, Output less than 1 KW

Requested: 12,000

Offered: 11,800 Shipping Weight: 11,850

Delivery:

1000 - SCR - 299
 350 in first 6 months
 650 in second 6 months
6000 - SCR - 284
 2000 in first 6 months
 4000 in second 6 months
800 - set #19 British in first 6 months
4000 - Pilot V-100
 3000 in first 6 months
 1000 in second 6 months

Within the total offering of 11,800, the U.S.S.R. may select the whole or part of the following items as substitutes for those listed above:

95 SCR177B

Delivery:

40 in first quarter
55 in second quarter

560 SCR274

Delivery:

400 in first quarter
160 in second quarter

400 SCR511

Delivery:

150 in first quarter
250 in second quarter

4800 SCR610

Delivery:

2400 in each of first two quarters

C. Radio Receivers

Requested: 2,000

Offered: 2,000 Shipping Weight: 160

Delivery:

500 in second quarter
750 in each of last 2 quarters

Additional items offered estimated to be undelivered on June 30, 1943 under Second Protocol: 430

Shipping Weight: 6

Delivery:

20 Hallierafter in 2nd quarter
10 RME-43 receivers in 2nd quarter
200 Bendix transmitters 2A-12B in first quarter
200 Bendix receivers in third quarter

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ARMAMENT AND MILITARY EQUIPMENT, CONTINUED

D. Aircraft Radio Locators

Requested: 500
Offered: (Under consideration)

E. Ground Radio Locators

Requested: 240
Offered: (Under consideration)

F. Radio Altimeters

Requested: 500
Offered: (Under consideration)

G. Radio Beacons

Requested: 250
Offered: (Under consideration)

H. Radio Direction Finding Sets

Requested: 150
Offered: 150 SCR-551 Shipping Weight: 830
Delivery:
50 in each of last three quarters

I. Radio Tubes

Requested: 2,400,000
Offered: 2,400,000 Shipping Weight: 520
Delivery:
450,000 Metal Tubes in each of first two
quarters
475,000 Metal Tubes in each of second two
quarters
137,500 Glass Tubes in each quarter

J. Radio Measuring Equipment and Radio Parts

Requested: \$3,000,000
Offered: \$3,000,000 Shipping Weight: 350
(Estimated)

FIELD TELEPHONES

Requested: 100,000 Units
Offered: 100,000 Units EE-8A Shipping Weight: 600

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ARMAMENT AND MILITARY EQUIPMENT, CONTINUEDTELETYPE APPARATUS

Requested: 500 Units

Offered: None

REGRADED
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Requested: 186,000 miles

Offered: 186,000 miles (Field telephone wire type 110-B)
Shipping Weight: 7,720

Delivery:

75,000 miles in each of first two quarters

18,000 miles in each of second two quarters

FIELD BATTERY CHARGING STATIONS

Requested: 4,000 Units

Offered: 4,000 - 1½ KW stations
Shipping Weight: 1,260

Delivery:

1,500 in each of first two quarters

500 in each of second two quarters

SUBMARINE CABLE

Requested: 1500 Km

Offered: 600 Km
Shipping Weight: 2,630MARINE CABLE

Requested: 1200 Km

Offered: 1200 Km
Shipping Weight: 2,620QUARTERMASTER GOODSSOLE LEATHER

Requested: 20,160 Tons

Offered: 18,000 Tons
Shipping Weight: 18,000ARMY BOOTS

Requested: 3,600,000 Pairs

Offered: 3,600,000 Pairs
Shipping Weight: 9,000

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QUARTERMASTER GOODS, CONTINUED

WOOLEN CLOTH

Requested: 18,000,000 Yards

Offered: 18,000,000 Yards Shipping Weight: 16,300

COTTON CLOTH

Requested: 25,000,000 Yards

Offered: 25,000,000 Yards Shipping Weight: 7,000

Additional offer of 1,045,000 yards
estimated to be undelivered on June 30,
1943 under Second Protocol.

TARPAULINE

Requested: 3,000,000 Yards

Offered: 3,000,000 Yards Shipping Weight: 2,300

WEBBING

Requested: 6,000,000 Yards

Offered: 6,000,000 Yards Shipping Weight: 1,200

Additional offer of 6,000,000 yards
estimated to be undelivered on June 30,
1943 under Second Protocol.

MEDICAL SUPPLIES

MEDICAL SUPPLIES

Requested: \$12,000,000

Offered: \$12,000,000 Shipping Weight: 1,200

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LOCOMOTIVES AND FLAT CARS

LOCOMOTIVES

Requested: 2,000 to
3,000

Offered: 500 Minimum Shipping Weight: 94,000
(Up to 700 if possible)

Delivery:
To begin in third quarter.

RAILROAD FLAT CARS

Requested: 10,000

Offered: 10,000 Shipping Weight: 150,000

Delivery:
2,400 in second quarter
3,600 in each of last two quarters.

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NAVAL STORES, CONTINUED

REF ID: A66666
UNCLASSIFIED

50 CALIBER TWIN MACHINE GUNS

Requested: 900

Offered: 900 together Shipping Weight: 5,000
with ammunition according to United States
Standards
Delivery
150 in each of first 2 quarters
300 in each of last 2 quarters

5"/36 CALIBER AMMUNITION

Requested: 61,600

Offered: None
(Ammunition is being furnished for 150 guns
being produced under non-protocol Soviet
Requisition)

3"/50 CALIBER AMMUNITION

Requested: 199,000

Offered: 199,000 Shipping Weight: 2,490

20 mm AMMUNITION

Requested: 2,500,000

Offered: 2,500,000 Shipping Weight: 880

MARINE ENGINES AND GENERATORS

Requested: 2,562

Offered: 606 Shipping Weight: 2,100
(See additional offers below)

Breakdown

A. Marine Diesel Engines 1600 HP

Requested: 12 Units

Offered: 6 Units Shipping Weight: 150
(4 are to be produced on non-protocol
Soviet Requisition for export after
June 30, 1943)

B. Marine Diesel Engines 1200 HP

Requested: 100 Units

Offered: 50 Units Shipping Weight: 1,200
Delivery in second 6 months

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NAVAL STORES, CONTINUED

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C. Marine Diesel Engines 30 - 100 HP

Requested: 350 Units

Offered: 200 Units Shipping Weight: 400
Delivery in second 6 months
(500 are to be produced on non-protocol
Soviet Requisition for export after
June 30, 1943)
(See additional offers below)

D. "Packard" Gas Engines 1200 HP

Requested: 400 Units

Offered: None
(500 are to be produced on non-protocol
Soviet Requisition for export after
June 30, 1943)

E. Marine Wooden Gas Engines 30- 50 HP

Complete with gas products

Requested: 800 Sets

Offered: None
(Experimental model being produced under
non-protocol Soviet Requisition)

F. Diesel Generators and Diesel Generator

Compressors from 9 to 120 KW

Requested: 600 Units

Offered: 50 Units Shipping Weight: 250
(Maximum of 15 to be over 100 KW Capacity)
(200 are to be produced on non-protocol
Soviet Requisition for export after
June 30, 1943)
(See additional offers below)

G. Generators - 1.5 to 4 KW

Diesel or Gasoline

Requested: 300 Units

Offered: 300 Units Shipping Weight: 100
(Gasoline)(Commercial types)

SALVAGE EQUIPMENT

Requested: 3,071 Units

Offered: 805 Units Shipping Weight: 1,550
(See additional offers below)

NAVAL STORES, CONTINUED.

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Breakdown

A. Salvage Stations

Requested: 256 Units

Offered: 40 Units Shipping Weight: 100
(Depth not exceeding 200 feet; re-
compression chambers excluded)
Delivery in second 6 months
(43 are to be produced on non-protocol
Soviet Requisition for export after
June 30, 1943)

B. Portable Air Compressors, Complete with Engines

Requested: 180 Units

Offered: 60 Units Shipping Weight: 300
Delivery 10 each month in second 6 months

C. Pontoons (Capacity 5 to 200 Tons)

Requested: 600

Offered: None
(Construction in U.S.S.R. recommended be-
cause of difficulties of export due to
size and weight)

D. Portable Water Pumps, Complete with Engines

Requested: 1,000 Units

Offered: 425 Units Shipping Weight: 720
(3 to 10 inch pumps)
Delivery in second 6 months

E. Underwater Electric Water Pumps

Requested: 100 Units

Offered: 100 Units Shipping Weight: 8
(Capacity not to exceed 200 G.P.M.)
Delivery in May and June 1944

F. Electric Welding and Cutting Apparatus

Requested: 120 Sets

Offered: 60 Sets Shipping Weight: 120
Delivery 10 sets each month in second 6
months

G. Electric and Pneumatic Underwater Tools

Requested: 400 Sets

Offered: 60 Sets Shipping Weight: 300
(Pneumatic) Delivery 10 sets each month
in second 6 months

SECRET

NAVAL STORES, CONTINUED

H. Portable Electric Stations Underwater Lighting

Requested: 240 Sets

Offered: 60 Sets Shipping Weight: 60
(5 KW Generator and 5 Underwater Lights)
Delivery 10 sets each month in second 6
months

I. Gas Cutting Apparatus

Requested: 120

Offered: None
(Same as item F above)

J. Metal Detectors

Requested: 55

Offered: None

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ELECTRICAL EQUIPMENT

Requested: 1,965 Units and other electrical material

Offered: 1,040 Units and other electrical material

Breakdown

A. Generators with Controllers 1.5 to 25 KW

Requested: 500

Offered: 295 Shipping Weight: 300
(Not more than 20% to be of greater
capacity than 15 KW)

B. Generators with Controllers 25 to 100 KW

Requested: 250

Offered: 100 Shipping Weight: 180
(Not more than 25% to be of 75 KW capacity
or greater)

C. Motor Generators with Controllers 1 to 10 KW

Requested: 100

Offered: 100 Shipping Weight: 70

D. Motor Generators with Controllers 10 to 75 KW

Requested: 25

Offered: 25 Shipping Weight: 50
(Not more than 10 units to be of 50 KW
capacity or greater)

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NAVAL STORES, CONTINUED

E. Electric Motor with Controllers 5 to 25 HP

Requested: 1,000

Offered: 500 Shipping Weight: 300
(Not more than 20% to be of 15 HP capacity
or greater)

F. Electric Motors with Controllers 25 to 100 HP

Requested: 25

Offered: 20 Shipping Weight: 25
(Not more than 25% to be of 75 HP or
greater)

G. Storage Batteries for Submarines

Requested: 65

Offered: 0
(See additional offers below)
(In addition 65 are to be produced on non-
protocol Soviet Requisition)

H. Electric Instruments and Fixtures

Requested: \$1,000,000

Offered: \$ 100,000 Shipping Weight: 25

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ADDITIONAL OFFER OF ESTIMATED UNDELIVERED BALANCES AS
OF JUNE 30, 1943, IN SECOND PROTOCOL

(Offerings to be reduced by the amounts that are
exported prior to June 30, 1943)

ITEM	NUMBER	WEIGHT IN SHORT TONS
1. Minesweepers	10	
2. Marine Diesel Engines and Spares (170-1100 HP)	254	3,048
3. Marine Diesel Engines and Spares (30-100 HP)	263	1,315
4. Marine Diesel Generators (25-300 KW)	800	13,560
5. Marine Gasoline Engines and Spares	90	270
6. Marine Pumps and Spares (95-230 V)	257	257
7. Electric Motors and Spares (110-220 V)	1,210	605
8. Turbo Generators (230 V)	10	42
9. Storage Batteries for Submarines	15	1,350
10. Electric Ventilating Sets	649	195
11. Scripps Engines	66	436
12. Air Tanks	15	15
13. Rotary and Changeover Switches	3,000	2
14. Potassium Tetraoxide	41,100 lbs.	20
15. Turbo Ventilators for Engine Room	8	8
16. Winlasses with motors	5	30
17. Auxiliary Equipment for Ships	10	20
18. Vertical Steam Boiler	10	10
19. Water Tight Junction Boxes	240	1
20. Jetting Equipment for Salvage Operations	20	130
21. Submarine Rescue Chamber	1	9
22. Towing Winches (220 V)	10	20
	TOTAL	21,343

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SHIPPING WEIGHT OF NON-PROTOCOL ITEMS BEING
PROCURED ON SOVIET REQUISITIONS

(All Weights in Short Tons)

MISCELLANEOUS NAVAL STORES

Shipping Weight: 17,100

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METALS, CHEMICALS AND OTHER PRODUCTS

(All Weights in Short Tons)

(Except as otherwise specified, amounts to be provided in equal monthly installments as nearly as practicable.)

(The amounts offered below include quantities to be delivered during the Third Protocol Period against new orders and old orders undelivered June 30, 1943.)

DURALUMINUM AND ALUMINUM INGOTS

Requested: 80,640 tons

Offered: 35,760 tons Shipping Weight: 38,620
18,000 tons to be supplied by other parties
to the Protocol

MAGNESIUM METAL

Requested: 4,032 tons

Offered: 4,032 tons Shipping Weight: 4,070

NICKEL

Requested: 9,408 tons

Offered: 6,600 tons Shipping Weight: 4,200
3,600 tons in pig nickel
600 tons in monel scrap
2,400 tons maximum contained in steel
and various non-ferrous products
1,800 tons in pig nickel to be supplied
by other parties to the Protocol

MOLYBDENUM CONCENTRATES

Requested: 4,480 tons

Offered: 4,000 tons Shipping Weight: 4,480

COPPER ELECTROLYTIC

Requested: 134,400 tons

Offered: 134,400 tons maximum

Copper in copper base alloys	75,264 tons maximum
Copper in bimetal	2,226 tons maximum
Copper in copper brass mill products	15,000 tons maximum
Copper in copper cable and wire	20,000 tons maximum
Copper in submarine cable	50 tons maximum
Copper in power and related cable	21,395 tons maximum
Copper in marine cable	465 tons maximum

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METALS, CHEMICALS AND OTHER PRODUCTS, CONTINUED

ZINC (Slabs)

Requested: 13,440 tons

Offered: 13,440 tons Shipping Weight: 13,440

COBALT

Requested: 161 tons

Offered: 80.5 tons Shipping Weight: 115
To be provided in first six months
Other parties to the Protocol will supply
the balance of the request.

CADMIUM

Requested: 224 tons

Offered: To be supplied by other parties to the
Protocol

COPPER BASE ALLOYS (Brass and Bronze)

Requested: 107,520 tons

Offered: 107,520 tons Shipping Weight: 139,000

COPPER GOODS AND TUBES (Copper brass mill)

Requested: 16,128 tons

Offered: 15,000 tons Shipping Weight: 16,900

COPPER CABLE AND WIRE

Requested: 33,600 tons (Uninsulated copper wire)

Offered: 20,000 tons Shipping Weight: 25,000

FERRO-ALLOYS

Requested: 21,504 tons

Offered: 14,784 tons Shipping Weight: 16,100
Ferrosilicon 9,408
Ferrochrome 5,376
Other parties to the Protocol will
supply the balance of the request,
such supplies to include existing
seaboard stocks available on June 30, 1943.

NICHROME WIRE

Requested: 538 tons

Offered: 538 tons Shipping Weight: 640

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METALS, CHEMICALS AND OTHER PRODUCTS, CONTINUED

B. Alloy Steel, Continued

67,569 tons hot rolled aircraft bars
 515 tons steel grade EJ160
 1,344 tons steel grade EJ161
 2,688 tons steel grade 30CX10MA
 11,200 tons steel grade 52100
 3,360 tons steel grade SAE 9260
 5,600 tons steel grade 40XC
 8,960 tons steel grade SAE 5140
 8,960 tons steel grade 20X3
 15,680 tons steel grade 38XMJUA
 302 tons steel grade CXB
 3,360 tons steel grade EJ 69 or
 SAE 5700
 5,600 tons steel grade SAE 5130
 2,671 tons stainless sheets
 336 tons stainless strip
 756 tons stainless bars
 6,563 tons ball wire
 470 tons steel grade BBX6
 370 tons steel grade BBX9
 504 tons steel grade BBX15
 1,344 tons chrome vanadium wire
 (ASTM 232)
 1,344 tons chrome moly wire (SAE4140)
 1,747 tons stainless wire
 784 tons alloy wire (silicon
 manganese)
 14,995 tons tubing
 * 994 tons stainless tubing
 8,625 tons 4-6% chrome tubing
 *5,376 tons hot rolled ball bearing
 tubing

*Plus undelivered balance as of
 June 30, 1943 of stainless tubing
 and hot rolled ball bearing tubing.

OTHER MATERIALS INCLUDING METALS AND THEIR PRODUCTS

Requested: \$10,000,000

Offered: \$ 5,000,000 Shipping Weight:
 (Subject to specifications as to types,
 quantities, and delivery schedules.)

PETROLEUM PRODUCTS

Requested: 564,480 tons

Offered: 564,480 tons Shipping Weight: 564,480
 (Dependent upon ability to provide
 type of product requested)

PHENOL

Requested: 13,440 tons

Offered: 12,000 tons Shipping Weight: 12,960

METALS, CHEMICALS AND OTHER PRODUCTS, CONTINUED

ETHYLENE GLYCOL

Requested: 3,360 tons
Offered: 3,360 tons Shipping Weight: 3,700

METHANOL

Requested: 6,720 tons
Offered: 6,720 tons Shipping Weight: 7,700

UROTROPINE

Requested: 6,720 tons
Offered: 6,720 tons Shipping Weight: 7,600

GLYCERINE

Requested: 6,720 tons
Offered: 6,720 tons Shipping Weight: 3,700
3,360 in first six months
3,360 tentative in second six months

CAUSTIC SODA

Requested: 40,320 tons
Offered: 40,320 tons Shipping Weight: 41,300

ETHYL ALCOHOL

Requested: 107,520 tons
Offered: 107,520 tons Shipping Weight: 122,600

ACETONE

Requested: 6,720 tons
Offered: 6,720 tons Shipping Weight: 7,900

OTHER CHEMICALS

Requested: 12,096 tons
Offered: 12,096 tons Shipping Weight: 13,400
(Other than items specifically mentioned
and subject to specifications as to types,
quantities, and delivery schedules.)

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METALS, CHEMICALS AND OTHER PRODUCTS, CONTINUED

TIRES, TUBES AND OTHER RUBBER PRODUCTS (Containing 36,000 tons of rubber)

Requested: 40,320 tons

Offered: 40,320 tons Shipping Weight: 15,100
(Rubber or its equivalent)
(In addition to rubber and rubber products
supplied with planes and other military
vehicles)
20,160 tons in first six months
20,160 tons tentative in second six months

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INDUSTRIAL EQUIPMENT

(All Weights in Short Tons)

Shipping Weight: 300,000

Requests of the U.S.S.R. for industrial equipment, as listed below, total approximately \$700,000,000. These requests are in excess of quantities of previously approved orders remaining undelivered from factories on June 30, 1943 estimated at \$373,000,000. The amounts "offered" below, totaling approximately \$442,000,000 represent the total amounts of both old and new orders to be delivered from factories during the Third Protocol period providing new orders placed by the U.S.S.R. contain specifications, delivery schedules, and supplies acceptable to the United States.

In addition to the offerings listed below there will remain available to the U.S.S.R. delivered from factories but unexported as of June 30, 1943, equipment estimated at \$78,000,000.

In order to insure the constant flow of industrial equipment required for the U.S.S.R. war program, the United States will consider the approval of orders totaling not in excess of \$300,000,000 for delivery after June 30, 1944. These orders will be considered in addition to the quantities specified for delivery during the Third Protocol period provided that lists of all equipment and projects be submitted to the United States for review and consideration and provided that, after review, it is found possible to incorporate such equipment and projects into United States production schedules.

HARD ALLOYS, CUTTING AND MEASURING TOOLS

Requested: \$21,000,000
 \$ 3,000,000 Hard Alloys and Cutting Tools
 \$18,000,000 Cutting and Measuring Tools

Offered: \$21,000,000
 \$ 3,000,000 Cemented Carbide Tips and Blanks
 \$2,444,000 New Orders
 \$ 556,000 Old Orders undelivered on
 June 30, 1943. (Estimated)

\$15,000,000 Cutting Tools
 \$13,200,000 New Orders
 \$ 1,800,000 Old Orders undelivered on
 June 30, 1943. (Estimated)

\$ 3,000,000 Measuring Tools
 \$1,700,000 New Orders
 \$1,300,000 Old Orders undelivered on
 June 30, 1943. (Estimated)

ABRASIVES

Requested: 6,136 Tons

Offered: 4,000 Tons Abrasive Grain
 3,600 Tons New Orders
 400 Tons Old Orders undelivered on
 June 30, 1943. (Estimated)

\$4,000,000 Abrasive Products
 \$2,300,000 New Orders
 \$1,700,000 Old Orders undelivered on
 June 30, 1943. (Estimated)



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INDUSTRIAL EQUIPMENT, CONTINUED

GRAPHITE ELECTRODES AND OTHER GRAPHITE PRODUCTS

Requested: 7,448 Tons

Offered: 8,568 Tons

5,757 Tons Graphite Electrodes New Orders
1,691 Tons Other Graphite Goods
1,409 Tons New Orders (subject to specifications as to types, quantities and delivery schedules)
282 Tons Old Orders undelivered on June 30, 1943. (Estimated)
1,120 Tons Graphite Powder New Orders

BEARINGS, BALLS AND ROLLS

Requested: 33,000,000 pieces
5,000,000 Bearings
28,000,000 Balls and Rolls

Offered: \$15,000,000 anti-friction bearings, including balls and rolls, to be supplied from old orders undelivered on June 30, 1943.

MACHINE TOOLS

Requested: \$228,621,550 (24,000 units)

Offered: \$120,000,000
\$ 10,000,000 New Orders
\$110,000,000 Old Orders undelivered on June 30, 1943. (Estimated)

PRESSES, FORGING AND ROLLING MILL EQUIPMENT

Requested: \$82,000,000

Offered: \$48,000,000
\$16,000,000 Rolling Mills and Equipment
\$11,000,000 New Orders production of which will begin in 3rd quarter.
\$ 5,000,000 Old Orders undelivered on June 30, 1943. (Estimated)
\$30,000,000 Presses, Forges, Hammers, and Related Equipment to be supplied from old orders undelivered on June 30, 1943. (Estimated)
\$ 2,000,000 Wire Drawing Equipment
\$1,000,000 New Orders
\$1,000,000 Old Orders undelivered on June 30, 1943. (Estimated)

ELECTRIC FURNACES

Requested: \$12,000,000 (600 units)

Offered: \$12,000,000
\$10,000,000 New Orders
\$ 2,000,000 Old Orders undelivered on June 30, 1943. (Estimated)

INDUSTRIAL EQUIPMENT, CONTINUEDREGRADED
UNCLASSIFIEDVARIOUS INDUSTRIAL EQUIPMENT

Requested: \$120,000,000

Offered: \$120,000,000

\$12,500,000 Excavators to be supplied from old orders undelivered June 30, 1943.

\$ 2,000,000 Truck and Tractor Cranes

\$20,000,000 Other Cranes, including portal, locomotive, floating, overhead and gantry cranes, trolleys for overhead cranes, monorail systems, etc.

Supply of the above two offerings for cranes will consist of \$7,600,000 new orders and \$14,400,000 old orders undelivered on June 30, 1943. (Estimated)

\$ 9,000,000 Compressors, gas blowers, exhausters, and fans.

\$3,500,000 New Orders

\$5,500,000 Old Orders undelivered on June 30, 1943. (Estimated)

\$ 8,000,000 Pumps

\$4,000,000 New Orders

\$4,000,000 Old Orders undelivered on June 30, 1943. (Estimated)

\$10,000,000 Mining Equipment, Ore Dressing Handling and Transporting Equipment to be supplied from old orders undelivered on June 30, 1943. (Estimated)

\$10,000,000 Equipment for Blast, Hearth and Coke Furnaces.

\$2,700,000 New Orders

\$7,300,000 Old Orders undelivered on June 30, 1943. (Estimated)

\$ 4,000,000 Welding Equipment

\$1,200,000 New Orders

\$2,800,000 Old Orders undelivered on June 30, 1943. (Estimated)

\$ 3,000,000 Valves and Fittings

\$ 200,000 New Orders

\$2,800,000 Old Orders undelivered on June 30, 1943. (Estimated)

\$ 5,000,000 Pneumatic Tools

\$4,100,000 New Orders

\$ 900,000 Old Orders undelivered on June 30, 1943. (Estimated)

\$36,500,000 Auxiliary Industrial Equipment to be supplied from Old Orders undelivered on June 30, 1943. In Addition to the above offer for auxiliary industrial equipment there will remain undelivered on old orders on June 30, 1943 quantities estimated at \$89,000,000. It is requested that these orders be examined carefully in order that those no longer urgently needed may be cancelled. Such orders as are uncanceled will be allowed to remain in production under present priority ratings and will be made available when completed.

INDUSTRIAL EQUIPMENT, CONTINUED

POWER EQUIPMENT

Requested: \$135,000,000

Offered: \$ 75,000,000

\$57,000,000 New Orders

\$18,000,000 Old Orders undelivered on
June 30, 1943. (Estimated)

CONTROL INSTRUMENTS AND TESTING MACHINES

(Precision Measuring and Testing Machines and Instruments)

Requested: \$ 2,000,000

Offered: \$ 1,700,000

\$840,000 New Orders

\$860,000 Old Orders undelivered on
June 30, 1943. (Estimated)

EMERGENCY EQUIPMENT

Requested: \$ 60,000,000

Offered: \$ 25,000,000 urgent emergency equipment

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STOCKFILES

(All Weights in Short Tons)

It is estimated that there will remain unexported as of June 30, 1943 the following:

Metals, Chemicals and Other Products

Stockpile: 617,000 tons Shipping Weight: 662,000

Industrial Equipment

Stockpile: 107,000 tons Shipping Weight: 108,000

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FOOD PRODUCTS

(Equal Monthly Installments)

(All Weights in Short Tons)

(The amounts offered below include quantities to be delivered during the Third Protocol Period)

WHEAT, FLOUR, CEREALS, RICE AND BEANS

Requested: 1,680,000 tons

Offered: *1,180,000 tons Shipping Weight: 1,192,600
*473,280 tons wheat
293,440 tons flour
179,200 tons cereals
49,280 tons rice
151,200 tons beans
33,600 tons peas

*Other parties to the protocol will supply the balance of the request.

SUGAR

Requested: 436,800 tons

Offered: 436,800 tons Shipping Weight: 441,170
112,000 tons United States Mainland
324,800 tons other sources

CANNED MEATS

Requested: 470,400 tons

Offered: 224,000 tons Shipping Weight: 268,000

MEAT PRODUCTS (CURED AND SMOKED MEATS)

Requested: 0

Offered: 84,000 tons Shipping Weight: 105,000

ANIMAL FATS AND FAT CUTS

Requested: 246,400 tons

Offered: 263,200 tons Shipping Weight: 315,840
112,000 tons animal fats
112,000 tons fat cuts
39,200 tons butter

VEGETABLE OIL AND PRODUCTS INCLUDING SHORTENING AND MARGARINE

Requested: 280,000 tons

Offered: 168,000 tons Shipping Weight: 175,200

FOOD PRODUCTS, CONTINUED

CONCENTRATES

Requested: 178,080 tons

Offered: 252,000 tons Shipping Weight: 277,200
17,920 tons dry skim milk
8,960 tons dry whole milk
39,200 tons dried eggs
13,440 tons sweetened condensed milk
28,000 tons dehydrated vegetables
26,880 tons dehydrated soups and cereals
89,600 tons soya products
16,800 tons cheese
5,600 tons tomato paste
5,600 tons concentrated juices

SOAP

Requested: 22,400 tons

Offered: 11,200 tons Shipping Weight: 11,870

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CANADIAN SCHEDULE OF SUPPLIES

FOR

THE THIRD SOVIET PROTOCOL

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CANADIAN SCHEDULE OF SUPPLIES
FOR THE THIRD SOVIET PROTOCOL

Subject to the provisions of the Protocol, the Canadian Government undertakes to make available at Canadian Ports of exit during the period July 1st, 1943, to June 30th, 1944, for shipment to the Union of Soviet Socialist Republics the supplies set out below. The items in this schedule of supplies are offered subject to the ability of Canada to meet the specifications requested by the Union of Soviet Socialist Republics.

It is appreciated that reasonable stockpiles of stores must be maintained, so that the Union of Soviet Socialist Republics can select cargo for shipment that is most needed to meet the ever changing requirements of war. However, Canada reserves the right to limit the size of such individual stockpiles either by control of production or diversion of product, or both, when in its judgment such action is in the best interest of the common cause. In taking such action due consideration will be given to the expressed needs of the Union of Soviet Socialist Republics.

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- (1) POWDER 1,000 tons per month of Stick Propellant
100 tons per month Rifle Powder N/C
500 tons per month Cannon Powder N/C
- (2) MACHINE TOOLS \$4,000,000
- (3) MEDICAL SUPPLIES Canada can make available some medical supplies, including Surgical Instruments. Available inventory will be submitted.
- (4) ALUMINUM INGOTS 1,500 short tons per month
- (5) NICKEL 150 short tons per month
- (6) CADMIUM 224 short tons in equal monthly instalments, excluding 100 tons agreed to be supplied by the United Kingdom, or any portion thereof not exported before July 1, 1943.
- (7) FERROSILICON 336 short tons per month
- (8) FERROCHROME 224 short tons per month
- (9) WHEAT AND WHEAT FLOUR 500,000 tons of wheat --- to be included in the above quantity up to 200,000 tons of wheat flour. The tonnage of flour included depending upon production possibilities in Canada and of firm shipment commitment from the U.S.S.R. It is understood that any wheat shipments will be first charged against the unused balance in the Wheat Credit arrangements entered into between the Governments of the U.S.S.R. and Canada in the year 1942.

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UNITED KINGDOM SCHEDULE
OF
SUPPLIES AND SHIPMENTS
FOR
THE THIRD SOVIET PROTOCOL

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UNITED KINGDOM SCHEDULE OF SUPPLIES AND SHIPMENTS

The Government of the United Kingdom undertakes, subject to the provisions of the Protocol and to the marginal comments in respect of particular items, to make available for despatch to the Government of the Union of Soviet Socialist Republics during the period July 1st, 1943 to June 30th, 1944 the supplies set out below.

The Government of the United Kingdom undertakes, subject to the provisions of Article II of the Protocol, to provide the shipping tonnage necessary to augment such Soviet flag shipping as is available to lift the supplies set out below, save that such undertaking will not apply to lead and wool originating in Australia and New Zealand, nor to supplies originating in North America, which, by agreement between the Governments of the United States and United Kingdom, are to continue to be carried in United States ships.

Except where otherwise stated the amounts offered include any outstanding balances of items agreed to be supplied under the Second Protocol which were not shipped or booked for shipment on a named vessel before July 1st, 1943, as well as any quantities of such items which have been lost in transit to the Union of Soviet Socialist Republics before July 1st, 1943, where agreement to replace such losses has not been communicated to the Soviet authorities before the said date.

It is appreciated that reasonable stockpiles of stores must be maintained so that the Union of Soviet Socialist Republics can, as shipping opportunities occur, select cargo for shipment that is most needed to meet the ever changing requirements of war. However, the United Kingdom reserves the right to limit the size of such individual stockpiles, either by control of production or diversion of product, or both, when in its judgment such action is in the best interest of the common cause. In taking such action due consideration will be given to the expressed needs of the Union of Soviet Socialist Republics.

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Programme of Supplies from United Kingdom to
Union of Soviet Socialist Republics during
period July 1st, 1943 to June 30, 1944

(All weights in long tons.)

GROUP I ARMAMENTS AND MILITARY EQUIPMENT.

1. Aircraft 150 Airacobras per month for first 6 months, in accordance with a previous agreement made with the United States Government involving an exchange of certain aircraft from United Kingdom production; and 50 Hurricanes per month for first 6 months. Arrangements for second 6 months to be subject of further discussions.

2. Tanks Request for 3000 tanks will be met by U.K. and U.S. between them, subject to agreement as to types.

In regard to tanks supplied by U.K., maintenance spares for 12 months will be supplied both for tanks and for their guns, in accordance with a generous comprehensive spare parts schedule based upon experience of the normal replacement requirements of parts concerned.

3. Propellant 200 tons R.S. type per month for first six months, in addition to any balance of R.S. type or W.M. 017 agreed to be supplied from the U.K. and unshipped before July 1st, 1943.

GROUP II VARIOUS MATERIALS

1. Tin. 6000 tons, less any amounts over 6000 tons received by U.S.S.R. from China.

2. Lead 12,000 tons from Australia

3. Silver Steel 60 tons (subject to specification).

4. Cobalt 72 tons in second 6 months.

5. Industrial Diamonds \$2,400,000 (subject to specification).

6. Rubber. 12,000 tons for first 6 months, from Ceylon so long as that source is open, in addition to any balance of supplies under Second Protocol not shipped from Ceylon before July 1st, 1943. Subsequent supply to be reconsidered.

7. Jute 36,000 tons to be provided in whole or in part as articles made of jute so far as manufacturing capacity in India permits production of the articles desired by the U.S.S.R. Dependent upon Indian conditions.

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|----------------------|---|
| 8. <u>Sisal.</u> | 6000 tons for second half of 1943, of which whole or part may be taken in manufactured goods subject to specifications being agreed, including 1720 long tons already agreed to be supplied but excluding any part of 1000 short tons of Mexican Henequin which is being supplied by U.S. |
| 9. <u>Shellac.</u> | 2,400 tons. Dependent upon Indian conditions. |
| 10. <u>Wool.</u> | 24,000 tons. |
| 11. <u>Graphite.</u> | 1,200 tons. Dependent upon conditions in Ceylon. |

GROUP III. INDUSTRIAL EQUIPMENT.

- | | | |
|--|-------|---|
| 1. <u>Machine Tools</u>
(in number) | 3,000 | |
| 2. <u>Electric Stations</u> | |) No commitment can be made in terms of money or kilowatt capacity. Specifications will be examined & U.K. will supply those items for which manufacturing capacity, materials & manpower can be found for completing before March 31, 1945. Orders for other items will if appropriate be accepted and detailed specifications worked out but without starting production until progress of war enables materials & manpower to be released. |
| 3. <u>Steam Power Plants</u> | | |
| 4. <u>Mobile Electric</u> | | |
| 5. <u>Turbo-Generators</u> | | |
| 6. <u>Steam Armature.</u> | | |
| 7. <u>Pumps.</u> | | |
| 8. <u>Compressors.</u> | | |
| 9. <u>Electrical Equipment</u> | | |
| 10. <u>Mining Equipment</u> | | |
| 11. <u>Hydro Electric Plants</u> | | |

The provisions of para. 3 of the preamble to this schedule do not apply to items in this group.

GROUP V MEDICAL SUPPLIES.

The detailed list of Soviet requirements attached hereto will be examined. No overall commitment in terms of money can however be given.

~~SECRET~~

FOOD SUPPLIES

To be delivered in quantities to be agreed upon between the respective parties in accordance with shipping space and supply available.

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(SC)L11-7/EF 61
Serial 076512

~~CONFIDENTIAL~~
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file

THE SECRETARY OF THE NAVY
WASHINGTON

PSF

C.F.
Lend Lease

JUN 11 1943

Dear Mr. President:

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

There is also enclosed a report on certain material requested by the Soviets, but not included in the Second Protocol.

Respectfully submitted,

Frank Knox

Frank Knox
X18

The President
The White House

X220
X4193

Franklin D. Roosevelt Library
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DDO DIV 5200.9 (9/27/58)

Date- JAN 25 1992
Signature- *RAH*

STATUS OF DELIVERY OF MATERIALS REQUISITIONED BY THE SOVIET GOVERNMENT
OF THE NAVY DEPARTMENT UNDER THE PROVISIONS OF THE 2d PROTOCOL

ITEM	AMOUNT REQUESTED	DELIVERED	DELIVERED	DELIVERY	DELIVERY	DELIVERY	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
		PRIOR TO JULY 1, '42	BETWEEN JULY '42 MAY '43	SCHEDULE FOR JUNE '43	SCHEDULE FOR JULY '43	SCHEDULE FOR AUG. '43		
20 MM AA Guns Complete	500	0	400	50	50	0	0	
Rounds 20 MM AA Ammunition	3,000,000	0	1,100,120	100,000	100,000	100,000	1,599,820	100,000 Rounds per month
50 Cal. Twin (Hand Operated) Mounts, MK 17, Complete with Crade and Spare Parts	200	0	0	50	50	50	50	Sept. 1943
50 Cal. Guns, Complete with Spare Parts	450	0	0	136	90	112	112	Sept. 1943
Petroleum Products (Short T)	312,815	49,650	165,677	30,593	29,087	27,888	9920	Sept. 1943
Minesweepers	10	0	0	0	3	3	4	Sept. - Oct. 1943
Motor Torpedo Boat Water and Oil Coolers	810 ea.	0	542	100	100	68	0	
Marine Diesel Engines (1100 to 1600 HP)	150	0	104	10	10	10	16	Oct. 1943 to Feb. 1944
Marine Diesel Engines (170 to 1100 HP)	248	0	42	9	42	44	111	Sept. - Oct. 1943
Marine Diesel Engines (75 to 170 HP)	343	0	43	0	0	0	300	Unscheduled
Marine Diesel Engines (Below 75 HP)	1310	2	232	174	6	96	800	Sept. 1943 to Dec. 1943
Marine Gasoline Engines	2507	260	1247	474	248	278	0	
Turbo-Generators	4	0	4	0	0	0	0	
Mechanical and Electrical Equipment for Tugs	3 sets	0	Partial	Partial	Partial	Partial	Partial	Sept. 1943
Storage Batteries for Submarines	15 sets	0	15 sets	0	0	0	0	
Ship and Shore Radio Stations	26	0	26	0	0	0	0	
Radio Direction Finders	4	0	4	0	0	0	0	
Sound Measuring and Testing Equipment	5	0	5	0	0	0	0	
Electric Steering Gear	4	0	1	3	0	0	0	
Depth Sounders	3	0	3	0	0	0	0	

STATUS OF DELIVERY OF MATERIALS REQUISITIONED BY THE SOVIET GOVERNMENT
OF THE NAVY DEPARTMENT UNDER THE PROVISIONS OF THE 2d PROTOCOL

ITEM	AMOUNT REQUESTED	DELIVERED PRIOR TO JULY 1, '42	DELIVERED BETWEEN JULY '42 MAY '43	DELIVERY SCHEDULE FOR JUNE '43	DELIVERY SCHEDULE FOR JULY '43	DELIVERY SCHEDULE FOR AUG. '43	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALAN
Electrical Spare Parts for								
Diesel Engines	243 items	2%	98%	0	0	0	0	
Turbo-Ventilators	8	0	8	0	0	0	0	
Chain Hoists	309	1	308	0	0	0	0	
Pneumatic Hammers	200	0	200	0	0	0	0	
Stadimeters	150	0	150	0	0	0	0	
Micrometers, Sextants and Binoculars	40 ea.	0	40 ea.	0	0	0	0	
Stationary Compressors	2	0	2	0	0	0	0	

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

ITEM	AMOUNT REQUESTED	DELIVERED	DELIVERED	DELIVERY	DELIVERY	DELIVERY	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
		PRIOR TO JULY 1, '42	BETWEEN JULY '42 MAR. '43	SCHEDULE FOR JUNE '43	SCHEDULE FOR JULY '43	SCHEDULE FOR AUG. '43		
Marine Gasoline Engines	2395	0	0	0	25	25	2345	Unscheduled
Marine Pumps	408	0	6	24	65	32	281	Sept. - Nov. 1943
Radio Receivers	173	0	61	28	4	0	80	Unscheduled
Electric Motors	1220	0	0	0	0	0	1220	Sept. 1943 to Feb. 1944
Turbo-Generators	10	0	0	10	0	0	0	
Storage Batteries for Submarines	50	0	0	0	2	3	45	Sept. 1943 - June 1944
Wooden Sub Chasers	92	0	8	8	14	29	33	Sept. 1943 - Apr. 1944
Wooden Motor Boats	80	0	5	0	0	6	69	Sept. 1943 - Feb. 1944
Electric Ventilating Sets	649	0	0	0	0	0	649	Unscheduled
Bearings for Packard Engines	100	0	50	50	0	0	0	
Telegraph Indicators	4	0	0	0	0	0	4	Unscheduled
Scripps Engines	66	0	0	0	0	0	66	Nov. 1943 - Jan. 1944
Air Compressors	3	0	3	0	0	0	0	
Air Tanks	30	0	0	10	20	0	0	
Electric Steering Gear	10	0	0	0	10	0	0	
Pathometer Recorders	4	0	4	0	0	0	0	
Rotary & Changeover Switches	4365	0	1517	2848	0	0	0	
Potassium Tetraoxide	1,120,000 lbs	0	466,254	53,746	28,000	20,000	552,000	Sept. - Nov. 1943
Linoleum	20,000 meters	0	20,000	0	0	0	0	
Turbo-Ventilators	24	0	18	6	0	0	0	
Exhaust Mufflers for 900 HP Engines	2 sets	0	2 sets	0	0	0	0	
Windlasses	5	0	0	0	0	0	5	Unscheduled
Weatherproof Sirens	2	0	2	0	0	0	0	
Radio & Telephone Transmitters	9	0	8	0	1	0	0	
Voltmeters, Ammeters, Circuit Breakers, Switches	16 Voltmeters 20 Ammeters 8 Cir. Bkr's. 132 Switches	0	100%	0	0	0	0	
Auxiliary Equipment for Ships	10 sets	0	0	0	0	0	10	Sept. - Nov. 1943
Vertical Steam Boilers	11	0	1	0	0	0	10	Sept. 1943

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

ITEM	AMOUNT REQUESTED	DELIVERED PRIOR TO JULY 1, '42	DELIVERED BETWEEN JULY '42 MAR. '43	DELIVERY SCHEDULE FOR JUNE '43	DELIVERY SCHEDULE FOR JULY '43	DELIVERY SCHEDULE FOR AUG. '43	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
5"/38 D.P. Equipments, Guns MK 30 Handwheel Brackets and no Power Drives	150	0	8	117	25	0	0	0
5"/38 Cal. Single Loading Machine MK 14 Mod. 4 and Spare Parts	64	0	3	51	10	0	0	0
5"/38 AA Ammunition	66000	0	7690	47,310	11,000	0	0	0
5"/38 Common Ammunition	15000	0	1500	3500	0	0	10,000	Sept. - Dec. 1943
5"/38 Illuminating Ammunition	3000	0	290	2210	500	0	0	0
3"/50 D.P. Equipments	300	0	93	157	50	0	0	0
3"/50 Cal. Loading Machines MK 7, Mod. 1	100	0	0	84	16	0	0	0
3"/50 AA Ammunition	283,500	0	74,481	161,769	47,250	0	0	0
3"/50 Illuminating Ammunition	15,000	0	4650	7850	2500	0	0	0
20 mm AA Guns, Complete Rds. 20-mm AA Ammunition	1000 5,000,000	0 0	388 2,326,660	212 673,340	0 0	0 0	400 2,000,000	Unscheduled Unscheduled
F.S. Mixture for Smoke Screen Generators	19,200 Gallons	0	7700	0	0	0	11,500 Gallons	Unscheduled
Sets of Equipment for Filling Smoke Screen Generators	5	0	2	0	0	0	3	Unscheduled
Marine Diesel Engines (1100 to 1600 HP)	4	0	0	0	0	4	0	
Marine Diesel Engines (170 to 1100 HP)	198	0	4	0	0	194	0	Sept. 1943 - Aug. 1944
Marine Diesel Engines (75 to 170 HP)	594	0	24	12	12	12	534	Sept. 1943 - Dec. 1944
Marine Diesel Engines (Below 75 HP)	32	0	32	0	0	0	0	
Marine Diesel Generators	482	0	4	8	0	0	470	Unscheduled

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

ITEM	AMOUNT REQUESTED	DELIVERED	DELIVERED	DELIVERY	DELIVERY	DELIVERY	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
		PRIOR TO JULY 1, '42	BETWEEN JULY '42 MAR. '43	SCHEDULE FOR JUNE '43	SCHEDULE FOR JULY '43	SCHEDULE FOR AUG. '43		
Desk Clocks	4	0	4	0	0	0	0	
Chronometers	12	0	12	0	0	0	0	
Marine Steam Dynamo	1	0	1	0	0	0	0	
Jetting Equipment for Salvage Operations	20 sets	0	0	0	0	0	20 sets	Sept. 1943
Submarine Rescue Chamber	1	0	0	0	1	0	0	
Towing Winches	10	0	0	0	0	0	10	Oct. 1943
Outboard Motors	500	0	0	50	50	0	400	Unscheduled
Diving Stations	83	0	0	0	0	20	63	Sept. 1943 - Feb. 1944
Flexible Periscope Rope	50,000 ft.	0	50,000 ft.	0	0	0	0	
Lanterns & Flashers	292	0	0	0	0	0	0	Sept. - Oct. 1943
Forgings for Propeller Shafts and Couplings	3	0	0	0	0	0	3	March 1944
Gasoline & Oil Filters	2400-800	0	0	0	0	0	0	Sept. - Dec. 1943
Thermostats Pressure Indicators	200	0	0	0	0	100	100	Sept. 1943
Electrical Tachometers	201	0	0	0	0	0	0	Sept. - Oct. 1943
Diving Equipment	100	0	0	0	0	0	0	Unscheduled
Reflectors for Projectors	10	0	0	10	0	0	0	
Electric Crane	4	0	0	0	0	0	4	Unscheduled
Air Valves	194	0	0	0	0	0	194	Unscheduled
Centrifugal Fans	47	0	0	0	0	0	47	Unscheduled
Lighting Fixtures	1 Lot	0	0	0	0	0	1 lot	Unscheduled
Electrical Equipment	1 Lot	0	0	0	0	0	1 lot	Unscheduled
Radio Tubes	580	0	580	0	0	0	0	
Water-Tight Junction Boxes	240	0	0	0	0	0	240	Sept. - Oct. 1943
Lanterns and Flashers	690	0	0	150	150	0	390	Sept. - Oct. 1943
Buoys	100	0	0	0	0	0	100	Sept. - Oct. 1943
Acetylene Gas Accumulators	700	0	0	0	0	0	700	Sept. - Oct. 1943
Water Distilling Units for Submarines	5	0	0	0	0	0	5	Oct. 1943
Searchlight Projectors	20	0	0	0	5	5	10	Sept. - Oct. 1943

PSF

B.F.
Lend Lease

THE WHITE HOUSE
WASHINGTON

June 15, 1943.

MEMORANDUM FOR

HON. JAMES F. BYRNES:

x5330

FOR YOUR INFORMATION.

F.D.R.

Letter to the President, 6-14-43, from the Secretary of the Treasury, attaching report of Lend-Lease purchases made by the Treasury Dept. Procurement Division for the Soviet Govt., indicating the availability of cargo for June, 1943. The Secretary points out the increase in tonnage at the end of June, which is attributable to accumulation of equipment under the special industry program. *x 21*

x4193

x220

x21-y

WAR PRODUCTION BOARD

WASHINGTON, D. C.

June 16, 1943

IN REPLY REFER TO:

My dear Mr. President:

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

Outstanding developments brought out by the tabulation are the continued large deliveries of industrial equipment, a further sharp increase in cable deliveries, and the beginning of the fulfillment of the power program.

As of May 31, a total of approximately two hundred and six millions of dollars of industrial equipment, exclusive of power generating equipment, has been made available for the U.S.S.R. since the beginning of the Second Protocol period. This compares with a Protocol requirement of one hundred and sixty two millions of dollars for the same period. At the present time, monthly deliveries of practically all types of equipment are several times as large as during the first months of the Second Protocol. It is because of this acceleration that the War Production Board has felt itself in a position to recommend guaranteed Third Protocol industrial equipment commitments considerably greater than Second Protocol commitments.

Deliveries of cable in May exceeded 15,000 short tons. These shipments, together with correspondingly large shipments during the past two months, brought cable deliveries to within 59% of total Second Protocol commitments. Especially noteworthy is the present situation in regard to electric power cable (Item 74) and miscellaneous copper cable and wire (Item 74A). Most of the orders for items in these categories were not placed until late in 1942 or early in 1943. Because of the enormous size of the cable program and the difficult nature of many of the items included, it appeared unlikely that more than a fraction of the program could be completed during the few remaining months of the Second Protocol period. Through energetic measures on the part of the Copper Division, the Foreign Division, and Treasury Procurement, however, schedules were



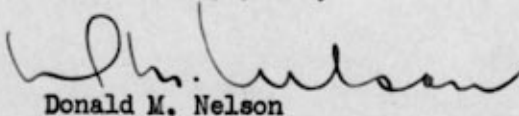
X4193
X220

worked out with manufacturers which have made possible completion to date of fifty-three percent of the power cable commitment and sixty-one percent of the copper cable and wire commitment. Further, very large shipments are being made in June. As a result of this, it is expected that more than eighty percent of both commitments will be fulfilled by June 30th.

The Second Protocol power program, though formulated as early as May, 1942, was not finally approved and put under requisition until October and November, 1942. After this, several months were required for engineering before production could be begun. Ordinarily, eight to ten months more would have been required for deliveries to begin on an appreciable scale. Because of the urgency of the program, however, the Power Division, with the assistance of Treasury Procurement, undertook to secure completion of the greater part of the program before June 30, 1943. Extensive surveys were made of plant facilities and of available stocks of critical components. In spite of innumerable problems arising from peculiarities of specifications, urgent domestic requirements, and shortages of materials, the program was quickly placed on a solid basis. Where possible, units and components intended for domestic consumption were diverted to the Russian Program. Where diversions were not possible, numerous domestic programs were drastically delayed or curtailed. In several instances, the entire facilities of manufacturers were turned over to the Russian Program. To break bottlenecks in the case of certain critical items, numerous AAA ratings were secured and several special directives issued. As a result of these measures, substantial deliveries began to be made in late March of this year. Since then, a marked acceleration has been taking place. As of the end of May, the original program was about one-third complete. By June 30, it is scheduled to be more than two-thirds complete.

Production of other materials and equipment items continues to be generally satisfactory.

Respectfully yours,



Donald M. Nelson

x4735

The President
The White House
Washington, D. C.

Attachment

STATUS OF MATERIALS AND EQUIPMENT PRODUCTION PROGRAMS UNDER THE SECOND RUSSIAN PROTOCOL, AS OF JUNE 1, 1943
(MAY DELIVERY DATA SUBJECT TO REVISION)

~~SECRET~~
Disclosure Punishable Under Espionage Act

Protocol Item No.	Item	Unit	2nd Protocol Production Program	Made Available at Mill in U.S.A. May 1, 1943 - May 31, 1943	Made Available at Mill in U.S.A. July 1, 1942 - May 31, 1943	Percent of 2nd Prot. Program Completed as of June 1, 1943	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of June 1, 1943 To Satisfy 2nd Protocol Prod. Program	Comments
			1/	2/	2/	3/			
3 & 3A	Aluminum (Ingot and Duraluminum)	S.T.	36,690	4,480	43,406	118	128	(6,716 Excess)	Deliveries of all non-ferrous metals, which are high on the Soviet priority shipping list, are ahead of Protocol requirements.
4	Nickel (Metal and Contained)	S.T.	7,800	703	8,580	110	120	(780 Excess)	
5	Molybdenum	S.T.	4,000	134	4,216	100	109	(216 Excess)	
6	Copper (Metal and Contained)	S.T.	(134,400)	(7,759)	(116,082)	(86)	(93)	(18,318)	
7	Rolled Copper (Copper Base Alloys Only)	S.T.	109,411	4,400	103,480	95	103	5,931	
8	Magnesium	S.T.	0	336	1,680	-	-	(1,680 Excess)	
9	Zinc	S.T.	29,000	3,500	34,618	119	129	(5,618 Excess)	
11	Copper Goods and Tubes	S.T.	15,148	290	15,413	102	111	(265 Excess)	
30	Nickel-Chrome Wire	S.T.	538	111	505	94	102	33	
49	Mercury	S.T.	300	0	896	299	325	(596 Excess)	
89	Lead	S.T.	8	33	41	513	558	(33 Excess)	
90	Tin	S.T.	2	0	2	100	109	0	
91	Foil								
A	Aluminum	S.T.	95	0	93	102	111	2	
B	Tin	S.T.	52	0	52	100	109	0	
C	Nickel	S.T.	1	0	2	200	217	(1 Excess)	
92	Babbitt Metal	S.T.	4	41	105	2,625	2,853	(101 Excess)	

~~SECRET~~
Disclosure Punishable Under Espionage Act

DECLASSIFIED
E.O. 11652, Sec. 6(C) and 6(D) or (H)
Commerce Dept. Letter, 11-14-78
By RHP, Date MAR 21 1973

SECRET
 Disclosure Penalties Under Espionage Act

Protocol Item No.	Item	Unit	2nd Protocol Production Program	Made Available at Mill in U.S.A. May 1, 1943 - May 31, 1943	Made Available at Mill in U.S.A. July 1, 1942 - May 31, 1943	Percent of 2nd Prot. Program Completed as of June 1, 1943	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of June 1, 1943 To Satisfy 2nd Protocol Prod. Program	Comments
			1/	2/	2/	3/			
NON-FERROUS METALS (Continued)									
93	Cadmium	S.T.	100	12.5	187.5	187	203	(87.5 Excess)	} See preceding page for comments.
94	Cobalt	S.T.	144	0	168	117	127	(24 Excess)	
Total Non-Ferrous Metals Excluding Item 6 (Copper)		S.T.	203,293	14,040.5	213,444.5	105	114	(10,151 Excess)	
FERRO-ALLOYS									
12	Ferrosilicon	S.T.	9,408	0	5,062	54	59	4,346	} Deliveries of ferrosilicon and ferrochrome continue under suspension, with Soviet consent, because of excessive seaboard stocks. Requirements for other ferro-alloys were spot requirements and these have already been satisfied.
13	Ferrochrome	S.T.	5,376	45	2,618	49	53	2,758	
85	Ferrophosphorus	S.T.	4	0	4	100	109	0	
86	Ferrovandium	S.T.	2	0	2	100	109	0	
87	Ferrotungsten	S.T.	2	0	2	100	109	0	
Total Ferro-Alloys		S.T.	14,792	45	7,688	52	57	7,104	
HIGH PRIORITY ALLOY STEEL									
16	Polished Drill Rods								} Alloy tubes, stainless bars, and one or two other items continue behind Protocol requirements. Other high priority alloy items are up to or ahead of Protocol requirements.
B	High Speed	S.T.	60	0	63	105	114	(3 Excess)	
C	Other Alloy	S.T.	45	0	49	109	119	(4 Excess)	
17	High Speed Tool Steel	S.T.	3,400	212	3,243	95	104	157	
18	Tool Steel								
B	Alloy X12	S.T.	700	63	648	93	101	52	
C	Alloy X12M	S.T.	650	56	606	93	101	44	
D	Alloy - Other	S.T.	6,700	587	5,898	88	96	802	

SECRET
 Disclosure Penalties Under Espionage Act

SECRET
Disclosure Prohibited Under Espionage Act

Protocol Item No.	Item	Unit	2nd Protocol Production Program	Made Available at Mill in U.S.A. May 1, 1943 - May 31, 1943	Made Available at Mill in U.S.A. July 1, 1942 - May 31, 1943	Percent of 2nd Prot. Program Completed as of June 1, 1943	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of June 1, 1943 To Satisfy 2nd Protocol Prod. Program	Comments
			1/	2/	2/	3/			

HIGH PRIORITY ALLOY STEEL (Continued)

19	Cold Finished Bars								
E	Electric Furnace or O.H. Alloy	S.T.	10,635	625	9,378	88	96	1,257	
20	Hot Rolled Alloy Bars & Billets	S.T.	95,000	5,666	88,063	93	101	6,937	
23	Stainless Steel								
A	Sheets	S.T.	2,200	1,074	1,982	90	98	218	
B	Strip	S.T.	350	0	287	82	89	63	
C	Hot Rolled Bars	S.T.	800	42	413	52	57	387	
25	Steel Wire								
A	Ball Wire (Alloy)	S.T.	1,344	233	889	66	72	455	
B	Alloy ASTM 232	S.T.	2,400	353	2,102	88	96	298	
C	Alloy 4140	S.T.	1,200	165	992	83	90	208	
27	Steel Alloy Tubes								
A	Stainless 18-8	S.T.	2,200	90	667	83	90	1,533	
B	4.6% Chrome	S.T.	15,500	959	8,434	54	59	7,066	
C-E	Carbon .5% Moly.	S.T.	6,300	73	3,885	62	68	2,415	
F	H.R. Ball Bearing Tubes	S.T.	5,400	97	798	15	16	4,602	
28	Stainless Wire	S.T.	2,000	84	1,931	97	106	69	
29B	Other Alloy Wire	S.T.	2,600	214	2,768	106	116	(168 Excess)	
	Total High Priority Alloy Steel	S.T.	159,484	10,593	133,096	83	90	26,388	

See preceding page for comments.

OTHER ALLOY STEEL

14	Armor Plate	S.T.	13,440	0	839	6	7	12,601	
21	Cr-Si-Mn Billets	S.T.	95,000	0	59,494	63	69	35,506	
	Total Other Alloy Steel	S.T.	108,440	0	60,333	56	61	48,107	

The commitment for armor plate has been cancelled at the request of the U.S.R.R. Deliveries of shot steel (cr-si-mn billets) continue under suspension, with Soviet consent, because of excessive sea-board stocks.

SECRET
Disclosure Prohibited Under Espionage Act

Pro- to- col Item No.	Item	Unit	2nd Protocol Production Program	Made Available at Mill in U.S.A. May 1, 1943 - May 31, 1943	Made Available at Mill in U.S.A. July 1, 1942 - May 31, 1943	Percent of 2nd Prot. Program Completed as of June 1, 1943	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of June 1, 1943 To Satisfy 2nd Protocol Prod. Program	Comments
			1/	2/	2/	3/			
HIGH PRIORITY CARBON STEEL									
10	Bimetal (Copper Clad Strip)	S.T.	20,000	450	18,491	92	100	1,509	
16	Polished Drill Rods	S.T.	125	0	114	91	99	11	
A	Plain Carbon								
18	Tool Steel	S.T.	3,400	146	2,894	85	93	506	
A	Plain Carbon								
19	Cold Finished Bars	S.T.	10,000	2,384	6,731	67	73	3,269	
D	B.O.H. Bullet Core								
F	S.A.E. 1015-1050 & Other Plain Carbon	S.T.	20,000	2,839	12,288	61	66	7,712	
25	Steel Wire	S.T.	12,000	581	9,411	78	85	2,589	
D	Music Wire								
E	Spring Wire	S.T.	12,000	290	8,880	74	81	3,120	
G	Card Wire	S.T.	350	6	332	95	104	18	
K	Square Wire	S.T.	270	36	196	73	80	74	
L	Tinned Wire	S.T.	700	0	406	58	63	294	
M	Misc. Wire Products	S.T.	300	1	265	88	96	35	
26	Wire Rope	S.T.	3,000	184	2,399	80	87	601	
A	Aircraft								
B	Other Wire Rope	S.T.	20,000	1,062	18,179	91	99	1,821	
33A	Hot Rolled Sheets	S.T.	20,000	5,106	37,462	187	204	(17,462 Excess)	
D	Hot Rolled Bars & Bar Mill Shapes	S.T.	6,500	3,385	8,750	135	147	(2,250 Excess)	
	Total High Priority Carbon Steel	S.T.	128,645	16,470	126,798	99	108	1,847	

Total deliveries of high priority carbon steel are ahead of Protocol requirements. Several particular types are behind, however, because of difficulties involved in fabrication.

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Pro- to- col Item No.	Item	Unit	2nd Protocol Production Program	Made Available at Mill in U.S.A. May 1, 1943 - May 31, 1943	Made Available at Mill in U.S.A. July 1, 1942 - May 31, 1943	Percent of 2nd Prot. Program Completed as of June 1, 1943	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of June 1, 1943 To Satisfy 2nd Protocol Prod. Program	Comments
			1/	2/	2/	3/			
OTHER CARBON STEEL									
19	Cold Finished Bars								
A	Bessemer 3/8"-2"	S.T.	60,000	0	25,350	42	46	34,650	
22	Cold Rolled Sheets	S.T.	75,000	0	11,417	15	16	63,583	
A	Cold Rolled Strip	S.T.	60,000	1,630	31,266	52	57	28,734	
24	Timplate	S.T.	67,200	124	34,772	52	57	32,428	
25	Steel Wire								
F	Rope Wire	S.T.	20,000	53	14,147	71	77	5,853	
H	Electric Welding Wire	S.T.	4,000	0	1,175	29	32	2,825	
I	Galvanized Tel. & Tel. Wire	S.T.	20,000	0	13,696	68	74	6,304	
J	Low Carbon	S.T.	8,000	11	5,892	74	81	2,108	
31A	Barbed Wire	S.T.	40,000	0	22,857	57	62	17,143	
B	Staples	S.T.	2,600	0	1,755	68	74	845	
32	Pipe and Tubing								
A	Welding Press and Mechanical	S.T.	6,000	50	4,278	71	77	1,722	
B	Seamless Press and Mechanical	S.T.	12,000	0	2,631	22	24	9,369	
C	Cold Drawn Press and Mechanical	S.T.	6,000	280	3,711	62	68	2,289	
D	H.F.Press and Mechanical	S.T.	24,000	0	14,571	61	66	9,429	
E	Electric Weld Casing	S.T.	15,000	0	0	0	0	15,000	
F	Electric Weld Line Pipe	S.T.	35,000	30	758	2	2	34,242	
G	Seamless Casing	S.T.	15,000	0	12,364	82	89	2,636	
H	Seamless Line Pipe	S.T.	40,000	114	12,652	32	35	27,348	
I	Seamless Drill Pipe	S.T.	15,000	0	2,318	15	16	12,682	
J	Seamless Oil Well Tubing	S.T.	15,000	0	0	0	0	15,000	
K	Tool Joints	S.T.	3,000	0	1,341	45	49	1,659	
33	Hot Rolled								
B	Galvanized Roofing Sheets	S.T.	5,000	0	2,650	53	58	2,350	
C	Plates	S.T.	75,000	242	29,274	39	43	45,726	
E	Structural Shapes	S.T.	13,000	103	4,927	38	41	8,073	
F	Strip	S.T.	11,000	0	15,076	137	149	(4,076 Excess)	
G	Terne Plate and Long Terne	S.T.	4,000	0	3,955	99	108	45	
34A	Bolts, Nuts, Rivets, Chains & Screws	S.T.	6,000	227	2,973	50	55	3,027	
B	Nails	S.T.	7,000	355	5,210	74	81	1,790	
	Total Other Carbon Steel	S.T.	663,800	3,219	281,016	42	46	382,784	

Except for a few specialty orders, delivery of items included in this category remain under suspension because of excessive seaboard stocks.

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 Information Furnishable Under Espionage Act

Protocol Item No.	Item	Unit	2nd Protocol Production Program	Made Available at Mill in U.S.A. May 1, 1943 - May 31, 1943	Made Available at Mill in U.S.A. July 1, 1942 - May 31, 1943	Percent of 2nd Prot. Program Completed as of June 1, 1943	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of June 1, 1943 To Satisfy 2nd Protocol Prod. Program	Comments
			1/	2/	2/	3/			
<u>RAILROAD MATERIALS</u>									
101	Rails	S.T.	175,000	237	60,004	34	37	114,996	Production of rails and accessories is being renewed in June. Other items, except a few specialties, continue under suspension because of excessive seaboard stocks.
101A	Accessories	S.T.	80,000	29	15,496	19	21	64,504	
102	Mounted Sets of Wheels & Axles	S.T.	36,000	1,714	23,471	65	71	12,529	
103	Car Axles	S.T.	60,000	0	33,155	55	60	26,845	
104	Locomotive Car Wheel Tires	S.T.	13,500	484	12,787	95	104	713	
105	Rolled Steel Car Wheels	S.T.	18,000	0	7,738	43	47	10,262	
107	Steel Locomotive Axles	S.T.	255	0	253	99	108	2	
108	Electric Locomotive Axles	S.T.	300	0	222	74	81	78	
	Total Railroad Materials	S.T.	383,055	2,464	153,126	40	44	229,929	
<u>CHEMICALS</u>									
36	Phenol	S.T.	12,000	1,078	12,440	104	113	(440 Excess)	Additional quantities of ethylene glycol made available are included with Item 61A "Other Chemicals". Deliveries of all chemicals, except dibutyl phthalate, are considerably ahead of Protocol requirements. Full commitments have already been completed in most cases.
38	Ethylene Glycol	S.T.	2,400	0	2,400	100	109	0	
39	Sodium Bromide	S.T.	1,800	0	1,804	100	109	(4 Excess)	
40	Phosphorus	S.T.	2,400	0	2,461	103	112	(61 Excess)	
41	Dibutyl Phthalate	S.T.	3,600	169	3,229	90	98	371	
42	Dimethylaniline	S.T.	3,000	0	3,076	103	112	(76 Excess)	

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 Information Furnishable Under Espionage Act

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 E.O. 11483, Sec. 3(c) and 3(d) or (k)
 Commerce Dept. Letter, 11-14-78
 By RHP, Date MAR 21 1973

~~SECRET~~

Pro- toocol Item No.	Item	Unit	2nd	Made Available	Made Available	Percent of 2nd Prot. Program Completed as of June 1, 1943	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of June 1, 1943 To Satisfy 2nd Protocol Prod. Program	Comments
			Protocol Production Program	at Mill in U.S.A. May 1, 1943 - May 31, 1943	at Mill in U.S.A. July 1, 1942 - May 31, 1943				
			1/	2/	2/	3/			
43	Diphenylamine	S.T.	1,800	130	1,635	91	99	165	
44	Colloxylin	S.T.	3,762	232	3,762	100	109	0	
45	Methanol	S.T.	12,000	994	11,348	95	103	652	
46	Urotropine	S.T.	4,600	624	7,354	160	174	(2,754 Excess)	
48	Ammonia Chloride	S.T.	4,800	597	4,800	100	109	0	
50	Potassium Nitrate	S.T.	3,600	0	3,600	100	109	0	
51	Ammonium Cyanide	S.T.	3	0	3	100	109	0	
52	Centralite	S.T.	600	85	645	108	117	(45 Excess)	See preceding page for comments.
53	Resarin (Resorcinol)	S.T.	120	0	120	100	109	0	
54	Barium Peroxide	S.T.	300	25	275	92	100	25	
55	Strontium (S. Oxalate)	S.T.	96	4	96	100	109	0	
56	Rodalite (Rhodamine B)	S.T.	6	0	6	100	109	0	
57	Torium (T. Nitrate)	S.T.	3	0	3	100	109	0	
58	Cerium	S.T.	18	0	18	100	109	0	
60	Potassium Sulphate	S.T.	1,800	0	1,800	100	109	0	
61	Anthracene	S.T.	0	0	9	-	-	(9 Excess)	
61A	Other Chemicals	S.T.	60,000	6,394	57,989	97	105	2,011	
	Total Chemicals	S.T.	118,708	10,332	118,873	100	109	(165 Excess)	

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E.O. 11652, Sec. 5E and 5D) or (S)
Commerce Dept. Letter, 11-14-72
By RHP, Date MAR 21 1973

Protocol Item No.	Item	Unit	2nd Protocol Production Program	Made Available at Mill in U.S.A. May 1, 1943 - May 31, 1943	Made Available at Mill in U.S.A. July 1, 1942 - May 31, 1943	Percent of 2nd Prot. Program Completed as of June 1, 1943	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of June 1, 1943 To Satisfy 2nd Protocol Prod. Program	Comments
			1/	2/	2/	1/			
<u>INDUSTRIAL EQUIPMENT</u>									
15	Hard Alloys & Small Cutting Tools	\$	22,404,000	1,306,374	16,267,223	73	79	6,136,777	} Except for small cutting tools, deliveries of industrial equipment are considerably ahead of Protocol requirements. In the case of small cutting tools, the full amount allowed by the Protocol has not been requisitioned. In addition, deliveries, though improving, are not entirely satisfactory.
62	Machine Tools	\$	150,000,000	28,805,679	185,662,828	124	135	(35,662,828 Excess)	
63	Electric Furnaces								
64	Forging Presses & Hammers								
65	Various Industrial Equipment								
67	Abrasives	\$	4,000,000	185,128	3,864,630	97	105	135,370	
	Total Industrial Equipment	\$	176,404,000	30,297,181	205,794,681	117	127	(29,390,681 Excess)	
<u>POWER PROGRAM</u>									
140A	Power Generating Equipment	\$	-	6,426,918	14,527,252	-	-	-	} The Second Protocol Power Program was initiated in May, 1942, but it was only in October, 1942 that the program was approved and engineering work begun. Because of the time required for fabrication, deliveries against the program have been appreciable only during the past two months. From this point on, a very great acceleration is anticipated. No commitment figure is given in this table because it was never expected that the entire program would be completed during the Second Protocol period, and because the program was set up in terms of tons rather than in terms of dollar value. The value of requisitions included in the program totals approximately \$61,000,000.
140B	Industrial Boilers	\$	-	181,206	547,354	-	-	-	
	Total Power Program	\$	-	6,608,124	15,074,606	-	-	-	

Protocol Item No.	Item	Unit	2nd Protocol Production Program	Made Available at Mill in U.S.A. May 1, 1943 - May 31, 1943	Made Available at Mill in U.S.A. July 1, 1942 - May 31, 1943	Percent of 2nd Prot. Program Completed as of June 1, 1943	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of June 1, 1943 To Satisfy 2nd Protocol Prod. Program	Comments
			1/	2/	2/	3/			
<u>MARINE AND SUBMARINE CABLE</u>									
1	Marine Cable	Km.	1,421	137	1,171	82	89	250	} Deliveries are according to schedule.
2	Submarine Cable	Km.	780	95	840	108	117	60	
	Total Marine & Submarine Cable	Km.	2,201	232	2,011	91	99	190	
<u>POWER AND OTHER CABLE</u>									
74	Electric Power Cable	S.T.	52,666	7,568	27,845	53	58	24,821	} Figures on deliveries of power cable have been revised and corrected since the last report. Anticipated accelerations are being realized, and it now appears certain that despite the size of commitments and the lateness with which requisitions were submitted and contracts placed, Protocol requirements will in large measure be met by June 30.
74A	Misc. Copper Cable & Wire	S.T.	52,386	5,934	31,757	61	66	20,629	
	Total Power & Other Cable	S.T.	105,052	13,502	59,602	57	62	45,450	
<u>CLOTHING</u>									
71	Shoe Leather	S.T.	18,670	1,417	9,674	52	57	8,996	} Delays in clarifying the leather commitment and resultant delays in placing contracts have kept leather deliveries behind Protocol requirements. Deliveries of boots and cloth are satisfactory.
72	Army Boots	Prs.	2,400,000	174,039	2,407,413	100	109	(7,413 Excess)	
73	Army Cloth	Yds.	18,000,000	1,386,618	16,094,914	89	97	1,905,086	
<u>MISCELLANEOUS MATERIALS ITEMS</u>									
37	Petroleum Products	S.T.	240,000	18,291	191,596	80	87	48,404	Delivery figures are actual export figures. Shipping conditions, rather than production conditions, have governed performance.
75	Webbing	Yds.	36,000,000	3,904,816	30,626,890	85	92	5,373,110	Webbing deliveries have been slightly behind Protocol requirements because of limited manufacturing facilities. A recently arranged conversion of rug mills is currently bringing about an acceleration, however.

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 Release Prohibited Under Espionage Act

Protocol Item No.	Item	Unit	2nd Protocol Production Program	Made Available at Mill in U.S.A. May 1, 1943 - May 31, 1943	Made Available at Mill in U.S.A. July 1, 1942 - May 31, 1943	Percent of 2nd Prot. Program Completed as of June 1, 1943	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of June 1, 1943 To Satisfy 2nd Protocol Prod. Program	Comments
			1/	2/	2/	3/			

MISCELLANEOUS MATERIALS ITEMS (Continued)

76	Tarpaulin	Yds.	8,000,000	556,000	6,385,620	80	87	1,614,380	The requisition for tarpaulin, placed last month, is scheduled for completion by June 30.
80	Sheet Fiber	S.T.	4,361	182	1,682	39	42	2,679	Delays in submission of requisitions have made it necessary to schedule completion of orders until August, 1943. Soviet representatives have stated that they understand the circumstances responsible for the delay and do not anticipate full satisfaction of the Protocol commitment until after the end of the Second Protocol period.
83	Condensor Paper	S.T.	240	0	92	38	41	148	All requisitions have been completed.
83A	Cigarette Paper	S.T.	908	0	747	82	89	161	All requisitions have been completed.
83B	Parchment Paper	S.T.	2,090	12	2,351	112	122	(261 Excess)	The entire Protocol commitment has been satisfied. Additional requisitions are being accepted to meet the needs of the Soviet fishing industry.

MISCELLANEOUS EQUIPMENT ITEMS

68	Graphite Electrodes	S.T.	5,840	1,237	6,673	114	124	833	Protocol requirements are scheduled to be satisfied before June 30. In addition, the supply of 633 S.T. of carbon electrodes during the remainder of the Second Protocol period has been authorized.
69	Bearings	\$	-	520,359	3,559,562	-	-	-	There is no firm Protocol commitment, but large numbers of requisitions have been accepted. Because many orders are for off-standard items, deliveries have been unsatisfactory. It is hoped that, through the submission of new requisitions which call for types of bearings which can be easily fitted into U.S. production schedules, the situation will be improved.

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 E.O. 11652, Sec. 1.4(c) and 1.4(d) or (e)
 Commerce Dept. Letter, 11-15-78
 By RHP, DMS

MAR 21 1973

SECRET
 Restricted Publication Under Executive Order

Pro- to- col Item No.	Item	Unit	2nd Protocol Production Program	Made Available at Mill in U.S.A. May 1, 1943 - May 31, 1943	Made Available at Mill in U.S.A. July 1, 1942 - May 31, 1943	Percent of 2nd Prot. Program Completed as of June 1, 1943	Ratio of Actual Deliveries to Prot.Sched. (Prot.Sched.=100)	Balance to be Produced as of June 1, 1943 To Satisfy 2nd Protocol Prod. Program	Comments
			1/	2/	2/	1/			
MISCELLANEOUS EQUIPMENT ITEMS (Continued)									
70	Balls & Rollers	\$	-	35,968	500,254	-	-	-	Deliveries are satisfactory.
78	Tires, Tubes, Other Rubber Products (Rubber Content)	S.T.	40,320	3,633	22,775	56	61	17,545	Delivery figures are for rubber content of tires and tubes procured by the Treasury Depart- ment only.
79	High Pressure Hose	S.T.	648	35	245	38	41	403	} Deliveries of both high pressure hose and shock absorber cord represent a relatively large per- centage of our total production.
81	Shock Absorber Cord	S.T.	64	2	41	64	70	23	
82	Metallic Cloth & Screen	\$	1,000,000	91,665	1,256,666	126	137	(256,666 Excess)	The production program shown is a translation calculated by the Soviet Government Purchasing Commission of the Protocol commit- ment into dollar value. Deliveries are satisfactory.

- 1/ Second Protocol production programs have been adjusted (a) to take account of the modification of steel requirements under the 2nd Protocol worked out by the Steel Division, W.P.B., and representatives of Government Purchasing Commission of the Soviet Union, and approved by the Requirements Committee, W.P.B., in Program Determination No. 230; (b) to take account of the portion of ferrosilicon and ferrochrome commitments which are being supplied by the U.K., and (c) through translating some commitments from short tons into the units of measure commonly used in connection with the items in question.
- 2/ Made available data in the case of all items except steel, railway materials, "other chemicals", machine tools, electric furnaces, forging presses and hammers, various industrial equipment, tires, tubes and other rubber products, electric power cable, miscellaneous copper cable and wire, tarpaulin, shock absorber cord, sheet fiber and metallic cloth and screen include stocks which were on hand as of June 30, 1942, and which were available for shipment against 2nd Protocol commitments. Stocks of steel items which were on hand as of June 30, were taken into account in the adjustment of steel requirements under 2nd Protocol commitments mentioned in Note 1 above.
- 3/ The 2nd Protocol calls for deliveries in "Equal Monthly installments". Thus eleven-twelfths of each commitment should have been delivered by May 31, if Protocol schedules were to be maintained.

War Production Board
 Foreign Division
 Review and Analysis Branch
 June 15, 1943

DECLASSIFIED
 E.O. 11652, Sec. 5E and 5D) at 50
 Commerce Dept. Letter, 1115-78
 By RHP, 1980 MAR 21 1973

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PSF

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

E. R. Stettinius, Jr.
Administrator

June 17, 1943

MEMORANDUM

C. F.
Lend Lease

To: The President

From: E. R. Stettinius, Jr.

Subject: Monthly Report on Lend-Lease Operations

Transmitted herewith is the usual monthly summary of lend-lease operations, to the end of May 1943.

I would like to call particularly to your attention the first page, which presents a quick overall picture of results during the month of May compared with results during the previous month, and a year ago; also cumulative figures from the beginning of the lend-lease program to May 31, 1943.

E. R. Stettinius, Jr.
x4559 /

x4193

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

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PSF
CF

REPORT TO THE PRESIDENT ON LEND-LEASE PROGRESS

AS OF MAY 31, 1943

Office of Lend-Lease Administration

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

MONTHLY FLASH SUMMARY
LEND-LEASE AID
MILLIONS OF DOLLARS

	Monthly			Cumulative to May 31, 1943
	May 1943	April 1943	May 1942	
Goods Transferred				
Munitions	463	479	190	5,627
Industrial Items	163	166	113	2,583
Foodstuffs, Etc.	90	75	91	1,720
Total Transfers	716	720	394	9,930
Services Rendered	74	63	55	1,963
Total Aid	790	783	449	11,893

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

2 1972

LEND-LEASE

CUMULATIVE

SUMMARY OF LEND-LEASE PROGRESS

1. Lend-lease aid from the beginning of the program to May 31, 1943 amounted to \$11,893,000,000. One-half of this amount of aid was rendered in the last 7 of the entire 27 months.
2. Lend-lease exports of food (dollar value) during the first four months of this year were 84% larger than in the corresponding period of last year.
3. Construction of production facilities in the United States, financed with lend-lease funds, has been leveling off. Total expenditures for new construction to the end of May were only 7%, or \$37,000,000, larger than they had been six months earlier.
4. Shipments to the U.S.S.R. in May amounted to 346,500 gross long tons, with shipments from West Coast ports exceeding 200,000 tons for the first time. May was the second consecutive month in which no shipments were made to North Russia.
5. Food exports to the U.S.S.R. amounted to 134,000 tons in May, the largest for any month to date. There were 463 planes exported to the U.S.S.R., with 41% flight delivered via Alaska.

LEND-LEASE GOODS EXPORTED CUMULATIVE SINCE MARCH 1941

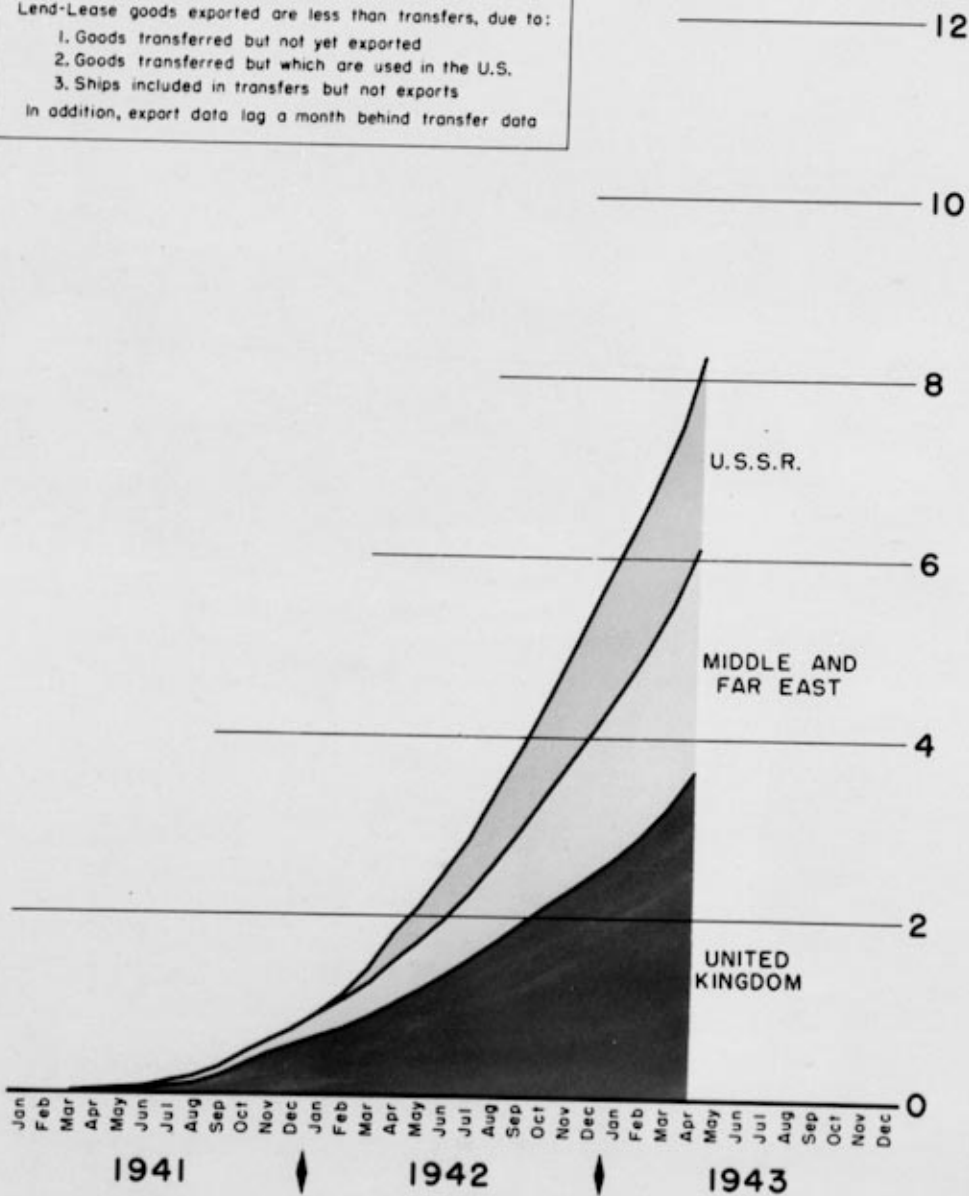
EXPLANATORY NOTE

Lend-Lease goods exported are less than transfers, due to:

1. Goods transferred but not yet exported
2. Goods transferred but which are used in the U.S.
3. Ships included in transfers but not exports

In addition, export data lag a month behind transfer data

Billion \$



file

FROM: WAR DEPARTMENT

BUREAU

TELEGRAM

OFFICIAL BUSINESS—GOVERNMENT RATES

14

RT NEW YORK NY JUNE 19 1943

Miss Grace Tully

The White House

Please inform the President Seamobile successfully
launched noon today trials due in two weeks.

J F Carter.

The White House
Washington

WB47 14

RT NEWYORK NY JUNE 19 2 49 PM 1945

MISS GRACE TULLY

THE WHITE HOUSE

PLEASE INFORM THE PRESIDENT SEAMBILE SUCCESSFULLY LAUNCHED
NOON TODAY TRIALS DUE IN TWO WEEKS

J F CARTER.

4514

fil PSF

*C. 7
Lend Lease*

*Sent copy
to Hyde Park
3:40 pm*

*Cover. re launching of the
Seamobile is filed C. 7. Lend
Lease.*



DEPARTMENT OF AGRICULTURE
WASHINGTON
WAR FOOD ADMINISTRATION

PSF

file

June 22, 1943

~~SECRET AND CONFIDENTIAL~~

C. F.
Lend Lease

The President
The White House

Dear Mr. President:

During the month of May the record sum of 134,610.5 long tons of food and other agricultural commodities was sent to the USSR. Previous to this the heaviest monthly shipments were 112,850 tons in June, 1942, 110,324 tons in March, 1943, and 109,330 tons in April, 1943. The Russians have now received 1,127,489 tons of agricultural commodities under the lend-lease program.

x220
x4193
x892
x227

Of the amount moved during May, 101,137.5 tons consisted of items specified in the Protocol. Clearances of several food products were in excess of quantities stipulated in that agreement. Liftings of vegetable oil, including vegetable shortening and margarine, totaled 24,713 tons, almost two and one-half times the Protocol requirement. We also supplied 18,335 tons of canned meats, 14,334 tons of cured pork (mostly fat cuts), 6,579 tons of lard products, 25,900 tons of flour, 9,707 tons of sugar, and 305 tons of soap against requirements established in the Protocol.

Meat shipments included 281 tons of dehydrated meat, the largest amount of this commodity which the Russians have received in any single month. This is the equivalent of 1,265 tons of dressed meat, or a saving of 3.5 pounds for every pound of the dehydrated product.

Among the non-Protocol items cleared during the month, the heaviest shipments were 3,314 tons of dried whole eggs, 3,517 tons of semolina, and 11,198 tons of dried beans.

The shipping schedule for June amounts to 80,758 long tons. In addition, it is expected that most of the supplies for the Arctic outposts, now being loaded on the West Coast, will be cleared during June.

Respectfully,

Chestnut Davis
Administrator

XI-NH

REGRADED
UNCLASSIFIED

Attachment

Table 1

Commodity Accountability Section
 Transportation & Warehousing Branch
 Food Distribution Administration
 June 10, 1943

SHIPMENT OF AGRICULTURAL COMMODITIES
 TO THE USSR
 July 1, 1942 to May 31, 1943

COMMODITY	Monthly						Requested
	Requirements Per Protocol	July, 1942 to Dec. 31, 1943	January 1, 1943 to Mar. 31, 1943	April 1943	May 1943	Total July 1 to May 31, '43	For June Delivery
I. PROTOCOL	:	:	:	:	:	:	:
Flour and Wheat	: 200,000	: 65,956	: 31,503	: 32,882	: 25,900	: 156,241	: 11,765
Sugar	: 70,000	: 32,518	: 43,393	: 12,118	: 9,707	: 97,736	: 1,485
Canned Meat	: 10,000	: 59,406	: 67,662	: 21,110	: 18,335	: 166,513	: 5,650
Meat	: 15,000	: 17,746.5	: 6,001.5	: 3,047.5	: 15,598.5	: 42,394 ^{/a}	: 8,768
Lard	: 12,000	: 34,122	: 20,481	: 2,738	: 6,579	: 63,920	: 4,010
Vegetable Oil	: 10,000	: 30,922	: 30,731	: 8,496	: 24,713	: 94,862	: 12,809
Soap Stock	: 5,000	: 2,267	: 1,046	: 447	: 305	: 4,065	: 475
II. OTHER FOODS	: -	: 90,271.3	: 78,470.54	: 28,491.7	: 33,473	: 230,706.54	: 36,286
TOTAL	: 322,000	: 333,208.8	: 279,288.04	: 109,330.2	: 134,610.5	: 856,437.54	: 81,248

^{/a} Includes 2,403 long tons dressed weight equivalent of dehydrated pork and beef converted at 4.5 times the dehydrated weight.

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Table 2

Commodity Accountability Section
 Transportation & Warehousing Branch
 Food Distribution Administration
 June 10, 1943

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STATUS OF USSR PROGRAM
 (Net Long Tons)
 As of May 31, 1943

COMMODITY	CLEARANCES								
	Cumulative	Cum. to					Cumulative	Requested	
	: Action	: June 30,	: July 1, 1942	: January, 1943	: April	: May *	: to	: For June	
: Requisitions	: 1942	: Dec. 31, 1942	: Mar. 31, 1943	: 1943	: 1943	: May 31, 1943	: Delivery		
Butter, Salted	27,933	2,054	6,628	1,311	342	983	11,318	2,815	
Whole Milk, Dry	3,145	-	142	-	27	120	289	380	
Skim Milk, Dry	25,000	-	2,881	5,596	1,856	1,234	11,567	3,535	
Sweetened Condensed Milk	4,668	-	661	485	315	1,945	3,406	2,150	
Cheese ^{/E}	9,888	-	2,739	-	59	320	3,118	565	
Whole Eggs, Dried	47,134	8,001	7,820	6,994	1,565	3,314	27,694	3,088.3	
Oleomargarine, Tropical:	5,000	-	-	793	2,111	1,650	4,554	-	
Meat & Rations, Cnd.	236,039	38,953	59,406	63,417	20,017	18,335	200,128	5,650	
Soya Links, Cnd.	15,000	-	-	4,245	1,093	-	5,338	-	
Cured Pork ^{/a}	72,661	2,906	17,679	5,268	2,710	14,334	42,897	8,138	
Edible Fats ^{/b}	193,110	33,958	34,122	20,481	2,738	6,579	97,878	4,010	
Pork, Dehydrated	500	-	-	163	75	-	-	140	
Beef, Dehydrated	240	-	15	-	-	281	534	-	
Beef Extract	18	-	-	-	-	-	-	-	
Beef Sets, Dry	5	-	-	-	-	-	-	-	
Concentrated Meats	5	-	-	-	-	-	-	-	
Concentrated Foods	59	-	59	-	-	-	59	-	
Soya Flour & Grits	25,000	-	-	-	71	2,833	2,904	5,305	
Hard Smoked Salami	73	-	-	-	-	-	-	-	
Army Ration-C	50	-	-	-	-	-	-	50	
Vegetable Oil	126,755	16,585	29,993	24,425	3,756	20,992	95,751	11,220	
Shortening	20,000	-	929	5,513	2,629	2,071	11,142	1,589	

COMMODITY	CLEARANCES							
	Cumulative	Cum. to	July 1, 1942	January, 1943	April	May *	Cumulative	Requested
	Action	June 30,	Dec. 31, 1942	Mar. 31, 1943	1943	1943	to	For June
Requisitions	1942					May 31, 1943	Delivery	
Linseed Oil, Drying	561	-	24	-	-	262	286	294
Soap Stock	10,000	-	-	-	-	-	-	-
Laundry Soap	14,830	-	2,267	1,046	447	305	-	475
Toilet Soap	302	-	-	-	-	-	4,065	-
Stearin Candles	97	-	71	-	-	-	71	-
Beans, Dried	95,638	12,053	27,275	31,789	15,618	11,198	97,933	7,344
Peas, Dried	11,106	.09	610	6,612	-	-	7,222.09	-
Rice	39,501	-	14,349	5,783	1,800	1,332	23,264	1,538
Tobacco Seed	.7	-	-	-	-	-	-	-
Vegetable Seed	2,621	65	24	1,642	178	-	1,909	-
Field Seed	10,507	-	-	5,010	1,083/c	-	6,093	-
Cryptostegia	15	-	-	-	-	-	-	-
Baked Beans, Canned	130	-	-	100	-	-	100	-
Wheat	110,000	26,159	-	-	-	-	26,159	-
Wheat Flour	286,335	53,842	65,956	31,503	32,882	25,900	210,083	11,765
Rye Flour	16,383	37	8,157	-	-	-	8,194	-
Semolina	27,494	937	3,126	2,028	1,961	3,517	11,569	432
Cracked Wheat	9,896	1,001	2,168	5,674	358	1,255	10,456	252
Barley, Pearl	1,127	-	669	-	-	1,222	1,891	480
Barley Cereal, Roasted	384 /f	36	134	-	-	-	170	-
Oat Cereal	28,827	2,100	3,888	2,999	2,230	2,590	13,807	4,190
Cereal, Various	8,500	-	684	31	-	-	715	-
Conc. Cereal Food	2,000	-	-	-	-	776	776	325
Oil Cake	192	-	192	-	-	-	192	-
Barley, Fodder	2,463	1,244	1,991	-	-	-	3,235	-
Oat, Fodder	2,239	134	1,547	-	31	-	1,712	-
Buckwheat Cereal	706	7	113	-	-	-	120	84
Mill Run	305	-	424	-	-	-	424	-

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COMMODITY	CLEARANCES								Requested For June Delivery
	Cumulative Action Requisitions	Cum. to June 30, 1942	July 1, 1942 Dec. 31, 1942	January, 1943 Mar. 31, 1943	April 1943	May * 1943	Cumulative to May 31, 1943		
Tomato Powder	300	-	258	-	18	-	276	-	
Onion Powder	375	-	-	-	-	-	-	-	
Hops	17	-	17	-	-	-	17	-	
Fruit, Canned	10	-	-	-	-	-	-	-	
Mixed Fruit, Dried	821	-	383	-	36	38	457	-	
Fresh Lemons & Oranges	81	-	5 /d	-	-	-	5	-	
Conc. Lemon Juice)	2,628.4	-	-	-	114	-	114	390	
Conc. Orange Juice)		-	-	-	283	-	283	1,110	
Conc. Grapefruit Juice)		-	-	-	-	-	-	60	
Shelled Walnuts	3	-	3	-	-	-	3	-	
Kola Nuts	51	51	-	-	-	-	51	-	
Dried Soup Powder	3,700	-	-	-	22	-	22	500	
Soups, Dehydrated	1,500	-	-	-	-	-	-	-	
Onions, Dehydrated	101	-)	-)	-	12	64	76	55	
Garlic, Dehydrated	104	-)	-)	8	8	2	18	200	
Beets, Dehydrated	147	-	-	-	-	-	-	-	
Irish Potatoes, Dehy.	1,192	-	-	-	42	40	82	160	
Carrots, Dehydrated	211	-	-	-	31	27	58	113	
Cabbage, Dehydrated	62	-	-	-	-	-	-	-	
Other Vegetables Dehy.	1	-	-	-	-	-	-	-	
Vegetable & Soups, Cnd.	992.5	-	796	-	-	-	796	80	
Potatoes, Fresh	1,089	-	-	-	-	-	-	-	
Onions, Fresh	53	-	-	-	-	-	-	-	
Garlic, Fresh	2	-	-	-	2	-	2	-	
Dry Soup, Conc.	1	-	-	-	-	-	-	-	
Tomato Paste	1,349	-	-	-	155	19	174	-	

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COMMODITY	CLEARANCES							
	Cumulative	Cum. to					Cumulative	Requested
	: Action	: June 30,	: July 1, 1942	: January, 1943	: April	: May *	: to	: For June
: Requisitions	: 1942	: Dec. 31, 1942	: Mar. 31, 1943	: 1943	: 1943	: May 31, 1943	: Delivery	
Sugar	243,898	76,006	32,518	43,393	12,118	9,707	173,742	1,485
Tablet Sugar	8,619	-	-	-	-	-	-	-
Tea	917	-	190	213	68	81	552	-
Coffee	2,517.2	-	469	1,998	-	-	2,467	-
Cocoa	2,392	-	-	-	-	-	-	-
Ascorbic Acid (Vit. C)	20	-	-	5.8	10.7	-	16.5	-
Ascorbic Acid Tablets	-	-	500,000 Tab.	-	-	-	500,000 Tab.	-
Carotene	300 BIU	-	-	150 BIU	193 BIU	-	343 BIU	107 BIU
Citric Acid	761.6	76	4	68	167	96	411	120
Acetic Acid	61	-	129	-	-	-	129	-
Vitamin A	25m/m	-	-	7.45m/m	5.17m/m	-	12.62 m/m	-
Aneurin	8	-	-	6.5	2	.5	9	-
Riboflavin	45#	-	-	-	11#	11#	22#	-
Vitamin D	1,000 BU	-	-	-	-	-	-	-
Essential Oils	24	-	-	17.24	-	-	17.24	-
Barana Powder	50	-	-	-	-	-	-	-
Fruit Extract	5	-	-	-	-	-	-	-
Citric Extract	26	-	25	-	-	-	25	-
Cornstarch	346	-	320	-	-	-	320	-
Yeast, Dry	5	-	5.6	-	-	-	5.6	-
Baking Yeast	304	-	-	100	-	187	287	113
Vitamized Yeast	10	-	-	-	2.9m/Tab	3 m/Tab.	5.9m/Tab.	7 m/Tab.
Baking Soda	20	-	12	-	-	-	12	-
Gelatin	1.96	-	.394	-	-	-	.394	-
Vanilla	.2	-	-	-	-	-	-	-
Vanillin	20.01	-	.3	-	-	-	.3	7.1
Salt	1,369	-	1,245	-	-	-	1,245	-
Pepper	6	-	3.8	-	-	-	3.8	-
Other Spices	102 /e	-	24.5	-	27	13	64.5	2.5

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COMMODITY	CLEARANCES							
	Cumulative	Cum. to	July 1, 1942	January, 1943	April	May	Cumulative	Requested
	Action Requisitions	June 30, 1942	Dec. 31, 1942	Mar. 31, 1943	1943	1943	to May 31, 1943	For June Delivery
Soya Sauce	4	-	4	-	-	-	4	-
Fruit Syrup	1	-	.7	-	-	-	.7	-
Vinegar	150.5	-	-	-	-	4.5	4.5	-
Macaroni	53	-	-	-	-	-	-	48.2
Chocolate - Ration D	64.5	-	-	-	-	-	-	-
Army Ration - K	50	-	-	-	-	-	-	500
Chicory	2.9	-	-	-	-	-	-	-
Coffee Substitutes	20	-	-	-	-	-	-	-
Tobacco	.5	-	-	-	-	-	-	-
Alcohol	.816	-	-	-	-	-	-	-
TOTAL	1,768,669	276,205	333,156	278,717.54	109,068	133,627	1,130,773.62	80,758.1
			.5 m/tab.		2.9 m/tab	3 m/tab.	6.4 m/tab.	7 m/tab.
				150 BIU	193 BIU		343 BIU	107 BIU
				7.45 m/m	5.17 m/m		12.62 m/m	

* Based on Transportation and Warehousing Branch Shipping Report dated June 3, 1943.

/a Smoked, salted and cured pork included.

/b Lard, fat cuts, tallow and oleo oil.

/c Includes 85,595 pounds of unspecified seeds.

/d Includes 5 tons of fruit juices.

/e Other spices include cinnamon, mustard, allspice, coriander, cumin, ginger, laurel leaves, mustard seed and poppy seed.

/f Cancellation of 375 long tons on buckwheat cereal.

/g Amendment on American cheese reduced from 7,000 long tons to 3,786 long tons.

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PSF

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

E. R. STETTINIUS, JR.
ADMINISTRATOR

June 25, 1943

file

C. F.
Lend Lease

MEMORANDUM

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

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

Principal developments during May are summarized on the first page of the report for your convenience.

E. R. Stettinius, Jr.
x4559

Attachment

x220
x4193

PSF
C.F.

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



DECLASSIFIED

State Dept. Letter, 1-11-72

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

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

~~SECRET~~

STATUS OF THE SOVIET AID PROGRAM
DEVELOPMENTS DURING MAY, 1943

Cargo dispatched from United States ports to the Soviet Union during May totalled 349,500 gross long tons, 14,600 tons in excess of monthly Second Protocol shipping plans. Total clearances during the first eleven months of the Second Protocol year have totalled 2,624,000 gross long tons, representing 71% of expectancy.

May cargo included 39% foodstuffs, 24% metals, 13% trucks (10,330 units) and 24% industrial equipment and other commodities.

During the month 468 United States manufactured aircraft departed for the Soviet Union — 255 for United States protocol account, 211 for United Kingdom account and 2 replacements for planes diverted from United Kingdom account a year ago. Of the total delivered, 209 were ferried over the Alaskan Route, 6 by the South Atlantic Route and 253 were shipped by water to the Persian Gulf.

Diversions of U.S.S.R. steel stocks accounted for a decrease of 31,000 net short tons during the month. Further diversions have been authorized and further retardation of production is being contemplated pending Soviet selections from Third Protocol offerings.

DECLASSIFIED
State Dept. Letter, 1-11-72

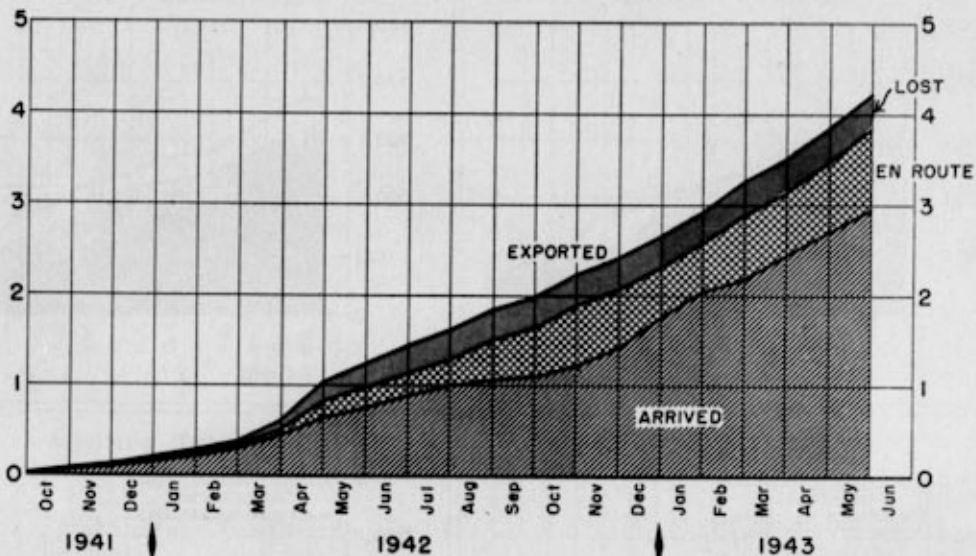
By J. Schauble Date FEB 2 1972

Office of Lend-Lease Administration
June 24, 1943

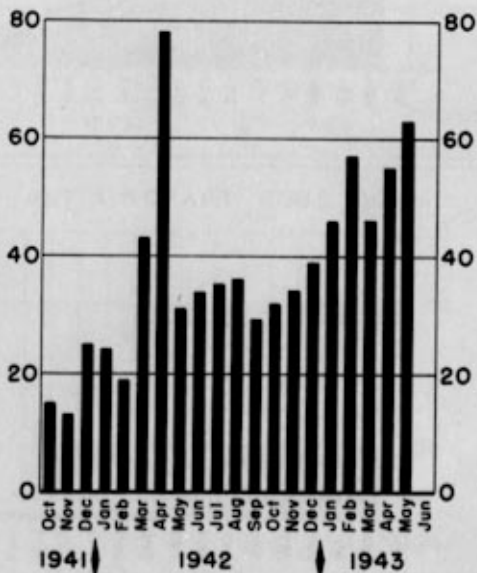
~~SECRET~~

SHIPMENTS TO U. S. S. R.

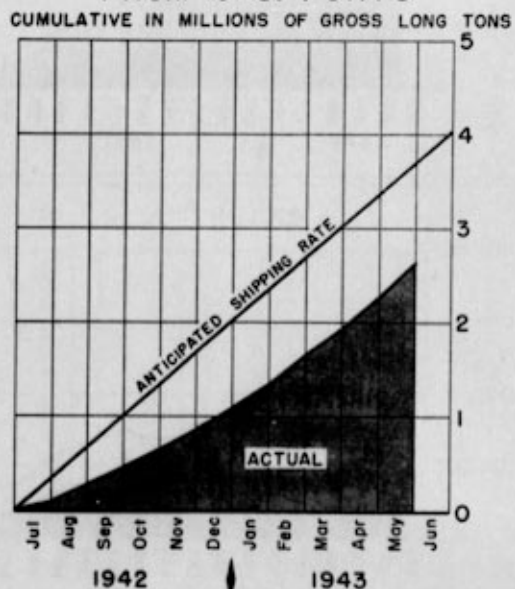
SHIPMENTS, ARRIVALS AND LOSSES
CUMULATIVE IN MILLIONS OF GROSS LONG TONS



NUMBER OF SHIPS
SAILING EACH MONTH



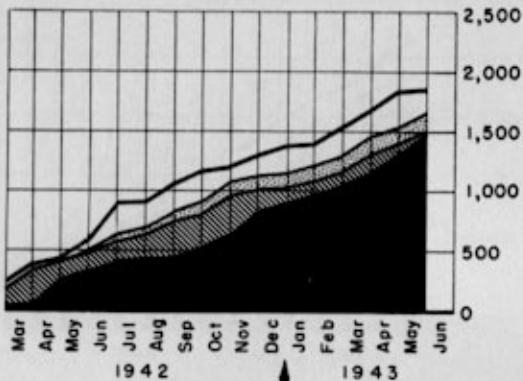
SECOND PROTOCOL CLEARANCES
FROM U. S. PORTS



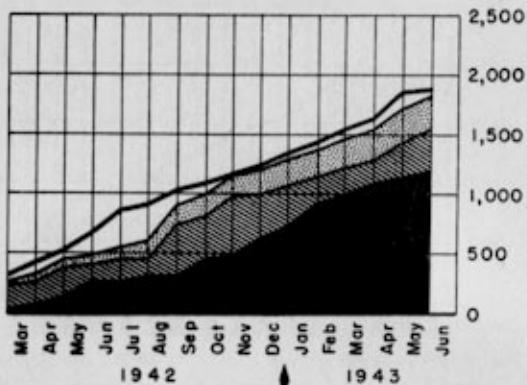
EXPORTS AND AVAILABILITY OF MATERIALS FOR U.S.S.R. CUMULATIVE SINCE OCTOBER 1, 1941

Exported
 Lost
 En Route
 Arrived
 Quantity made available at U.S. centers of production

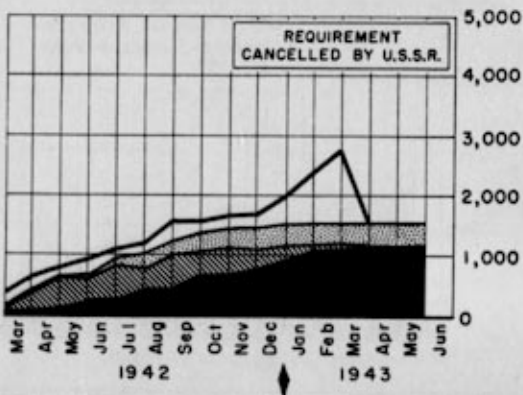
BOMBERS



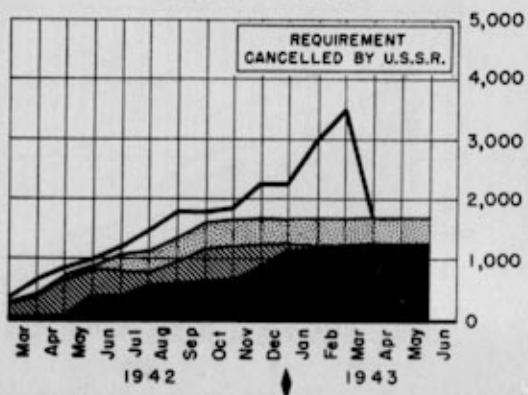
PURSUIT PLANES



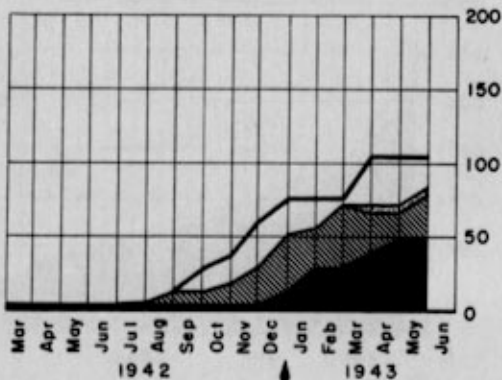
MEDIUM TANKS



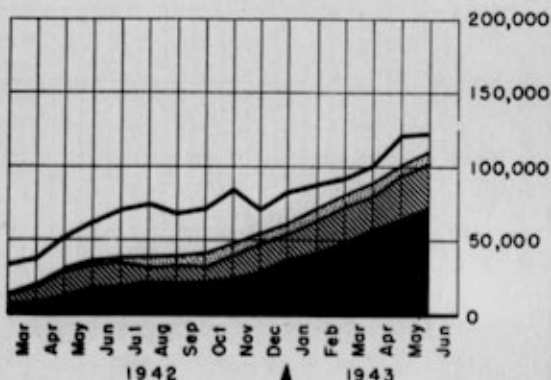
LIGHT TANKS



ANTIAIRCRAFT GUNS 90mm




TRUCKS

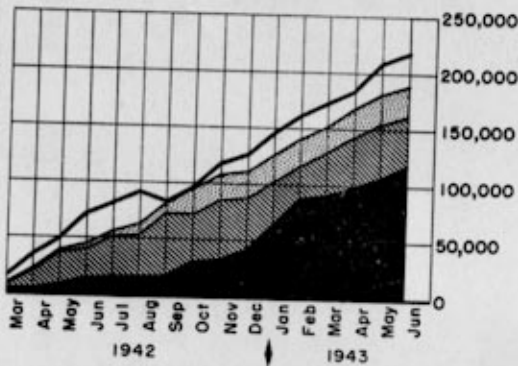


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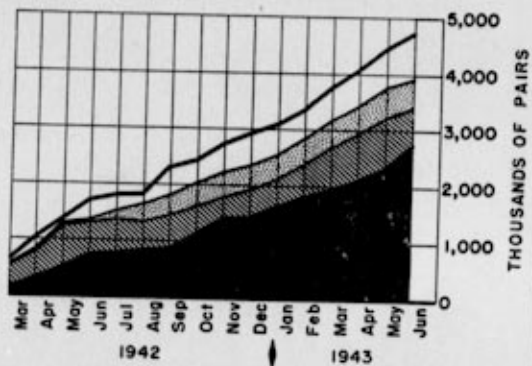
EXPORTS AND AVAILABILITY OF MATERIALS FOR U.S.S.R. CUMULATIVE SINCE OCTOBER 1, 1941


 Exported
 Lost EN Route
 Arrived
 Quantity made available at U.S. centers of production

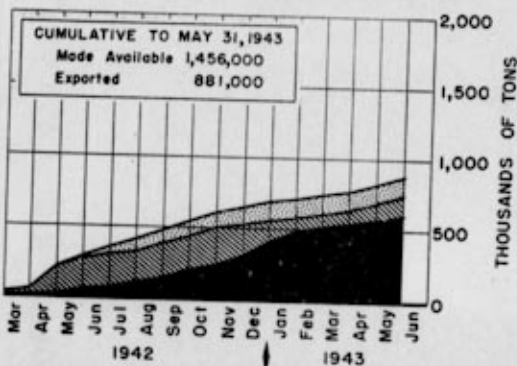
FIELD TELEPHONES



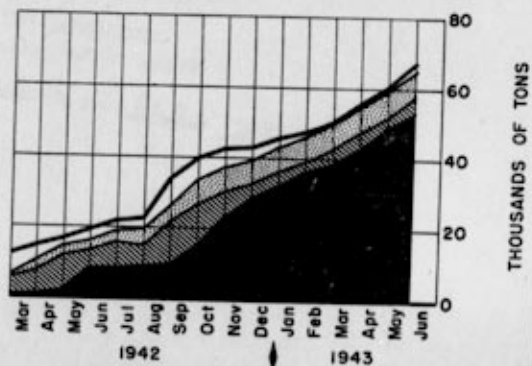
ARMY BOOTS



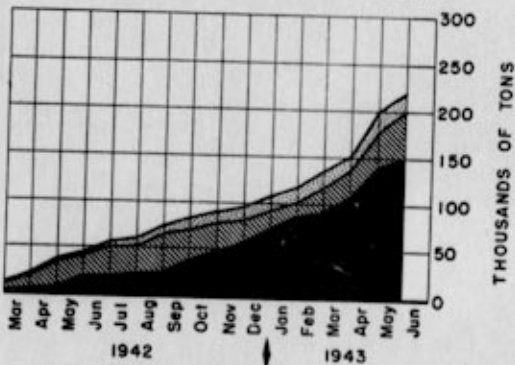
STEEL AND STEEL PRODUCTS



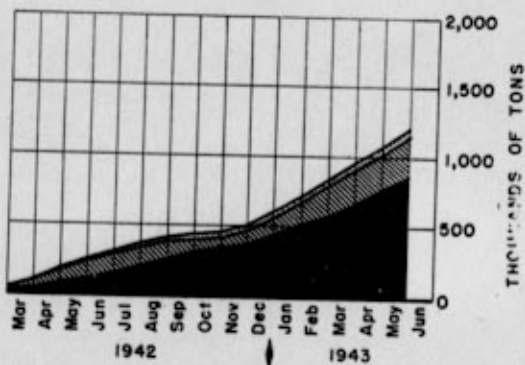
ALUMINUM AND DURALUMINUM



CHEMICALS AND EXPLOSIVES



FOODS



EXPORTS AND AVAILABILITY OF SELECTED ITEMS

As of May 31, 1943

	Second Protocol Performance July 1, 1942 - May 31, 1943			Exported During May 1943	Cumulative Performance First and Second Protocols October 1, 1941 to May 31, 1943						
	Made Available	Exported	Offered a/		Made Available	Exported	Arrived b/	Lost	Diverted To Others After Export	In U.K. Awaiting Forwarding	Balance Enroute
Aircraft											
IIP Pursuit Planes P-39 & P-40	1,151	1,092	1,100	104	1,898	1,839	1,197	292	1	127	222
IIP Light Bombers A-20 & DB-7	1,044	845	1,100	111	1,665	1,466	1,295	147	(41) 1g/	0	23
IIP Medium Bombers B-25	143	126	132	20	219	202	195	4	0	0	3
Heavy Bombers B-24	1	1	0	0	1	1	1	0	0	0	0
Cargo Planes C-47	86	68	0	20	86	68	68	0	0	0	0
Advanced Trainers A-T 60	30	29	0	0	30	29	24	0	0	5	0
Observation Planes O-52	0	0	0	0	30	30	19	11	0	0	0
Tanks											
IIP Light Tanks	499	499	d/	0	1,680	1,680	1,232	443	0	0	5
IIP Medium Tanks	455	455	d/	0	1,536	1,536	1,174	356	0	0	6
Guns											
IIP AA 90 MM	100	80	d/	0	104	84	48	4	0	20	12
IIP AA 40 MM	1,340	0	d/	0	1,340	0	0	0	0	0	0
IIP AA 37 MM	500	424	d/	0	500	424	276	16	0	68	64
AA .50 cal. twin mg.	-	800	0	0	-	800	100	0	0	400	300
IIP AT 57 MM	0	0	d/	0	0	0	0	0	0	0	0
AT 37 MM	0	0	0	0	63	63	35	28	0	0	0
IIP Submachine Gun .45 cal.	67,106	51,586	d/	0	148,319	132,799	109,609	23,190	0	0	0
Rocket Launchers	3,000	3,000	0	0	3,000	3,000	3,000	0	0	0	0
Mortars 81 MM	0	0	0	0	30	30	30	0	0	0	0
Vehicles											
IIP Armored Scout Cars	527	514	d/	0	927	914	683	168	0	0	63
IIP Jeeps (½ Ton 4x4)	16,444	15,285	16,500	1,429	23,189	22,030	14,833	2,907	334	1,044	2,912
Personnel Carriers (Half Track)	-	110	0	0	-	329	280	49	0	0	0
IIP Weapon Carriers (¾ Ton)	-	3,904	-	1,096	-	3,904	1,470	0	0	598	1,836
IIP Trucks (1½ Ton)	-	25,024	-	4,390	-	53,122	37,519	5,751	1,826	1,452	6,574
IIP Trucks (2½ Ton)	83,792	43,508	110,000	4,818	122,118	53,732	33,800	3,876	704	3,422	11,930
IIP Trucks (5 Ton & Over)	-	50	-	0	-	54	54	0	0	0	0
IIP Tank Transporters (20 & 40 Ton)	-	46	-	26	-	46	0	10	0	0	36
IIP Field Repair Trucks	791	222	1,072	54	816	247	104	3	0	0	140
IIP Motorcycles	9,800	9,400	9,500	1,000	11,800	11,400	6,900	1,000	0	1,100	2,400
IIP Artillery Prime Movers	2,056	1,495	2,200	134	2,441	1,880	1,307	161	0	155	257
Signal Equipment											
IIP Radio Sets	12,956	-	10,975	-	-	-	-	-	-	-	-
IIP Radio Tubes	1,254,060	-	1,833,334	-	-	-	-	-	-	-	-
IIP Radio Direction Finding Sets	3	-	150	-	-	-	-	-	-	-	-
IIP Dry Cells for Radios	a/	25,000	b/	0	a/	25,000	25,000	0	0	0	0
IIP Radio Measuring & Test Equip. (\$1000)	272	-	917	-	-	-	-	-	-	-	-
IIP Radio Parts & Accessories (\$1000)	281	-	458	-	-	-	-	-	-	-	-
IIP Field Telephones	144,008	115,151	132,000	7,200	217,932	189,075	116,843	27,832	600	11,600	32,200
IIP Field Telephone Wire (Miles)	310,185	209,405	273,404	7,028	778,534	677,754	518,124	121,707	-	12,604	25,319
IIP Dry Cells for Telephones	-	-	-	-	-	-	-	-	-	-	-
IIP Gas Driven Generators	13,285	9,880	9,166	1,517	14,164	10,759	9,455	0	0	0	1,304
Explosives											
IIP Powder (Tons)	39,242	35,865	-	5,406	41,975	38,598	17,760	2,206	0	5,369	13,263
IIP Toluol (Tons)	22,332	16,433	22,000	2,123	39,733	33,834	26,590	2,798	359	1,810	2,277
IIP T.N.T. (Tons)	44,100	19,810	22,000	1,039	55,962	31,672	23,519	3,411	250	2,452	2,040
Other Military Items											
Pneumatic Floats	1,738	1,262	0	0	3,000	3,000	2,398	552	0	50	0
Saaks Pots	-	5,000	0	0	-	5,000	0	0	0	0	5,000
Quartermaster Items											
IIP Leather (Tons)	9,674	8,325	16,803	545	23,303	21,954	14,978	4,500	0	666	1,801
IIP Army Boots (1000 pr.)	3,103	2,295	2,200	153	4,759	3,951	2,751	531	0	256	413
IIP Woolen Cloth (1000 yds.)	16,095	-	16,500	-	-	-	-	-	-	-	-
IIP Webbing (1000 yds.)	30,627	15,432	33,000	592	36,362	21,167	15,998	2,196	0	2,027	946
IIP Medical Supplies (\$1000)	12,193	-	11,000	-	-	-	-	-	-	-	-
Non-ferrous Metals & Products											
IIP Aluminum Ingot (Tons)	20,795	20,795	42,593	1,615	36,326	36,326	30,178	4,532	0	0	1,616
Duraluminum (Tons)	24,153	21,953	-	3,319	30,537	28,337	22,815	2,392	0	14	3,116
IIP Pig Nickel (Tons)	2,701	2,701	f/	470	4,181	4,181	2,813	811	0	0	557
IIP Nickel Products (rare) (Tons)	63	63	f/	0	114	114	100	14	0	0	0
IIP Molybdenum Concentrates (Tons)	3,971	3,971	3,667	393	8,365	8,365	6,543	1,430	0	0	392
IIP Copper Electrolytic (Tons)	1,145	1,002	f/	374	1,146	1,003	629	0	0	0	374
IIP Brass, Bronze & Other (Tons)	105,303	80,760	100,294	11,101	150,213	125,670	79,072	13,687	0	5,209	27,702
Copper Base Alloys	-	-	-	-	-	-	-	-	-	-	-
IIP Copper Goods & Tubes (Tons)	14,861	10,649	13,886	1,687	17,766	13,554	8,656	1,193	35	283	3,387
IIP Zinc (Tons)	29,877	29,877	25,500	3,754	36,628	36,628	29,327	2,103	0	0	5,198
IIP Magnesium Metal (Tons)	1,008	601	0	50	1,008	601	551	0	0	0	50

	Second Protocol Performance July 1, 1942 - May 31, 1943			Exported During May 1943	Cumulative Performance First and Second Protocols October 1, 1941 to May 31, 1943						
	Made Available	Exported	Offered a/		Made Available	Exported	Arrived b/	Lost	Diverted To Others After Export	In U.K. Awaiting Forwarding	Balance Enroute
Non-ferrous Metals & Products (Cont'd)											
IIP Cerium Metal (Tons)	18	11	17	2	18	11	9	0	0	0	2
IIP Nichrome Wire (Tons)	453	370	493	24	675	592	394	92	0	0	106
IIP Other Nichrome Products (Tons)	474	417	f/	81	474	417	269	0	0	25	123
IIP Special Wires (Tons)	-	235	246	81	-	251	139	2	0	0	110
IIP Mercury (Tons)	895	865	275	33	895	865	832	0	0	0	33
IIP Lead (Tons)	34	0	7	0	43	9	9	0	0	0	0
IIP Tin (Tons)	0	0	2	0	2	2	2	0	0	0	0
IIP Aluminum, Tin & Nickel Foils (Tons)	98	98	136	1	150	150	145	4	0	0	6
IIP Babbit Metal (Tons)	101	60	4	6	106	65	39	20	0	0	1
IIP Cadmium (Tons)	188	188	92	12	188	188	176	0	0	0	12
IIP Cobalt (Tons)	168	146	123	0	168	146	146	0	0	0	0
IIP Metallic Cloth & Screen (\$1000)	888	761	-	224	923	796	567	6	0	0	223
IIP Metallic Sodium (Tons)	0	0	0	0	1,103	1,103	827	258	0	0	-
Ferro-Alloys											
IIP Ferro-Silicon (Tons)	4,727	438	12,320	0	8,246	3,957	2,879	1,049	0	28	1
IIP Ferro-Chrome (Tons)	2,439	266	7,392	0	4,158	1,985	1,491	494	0	0	0
IIP Ferro-Phosphorus (Tons)	0	0	4	0	4	4	4	0	0	0	0
IIP Ferro-Vanadium (Tons)	0	0	2	0	2	2	2	0	0	0	0
IIP Ferro-Tungston (Tons)	0	0	2	0	2	2	2	0	0	0	0
Steel & Steel Products											
IIP Bimetal (Copper Clad Strip) Carbon (Tons)	18,555	5,077	18,480	0	18,555	5,077	4,198	60	0	288	531
IIP Armor Plate (Tons)	453	453	d/	0	8,951	8,951	5,787	2,852	267	0	45
IIP Polished Drill Rods (Tons)	235	183	123	27	240	188	149	2	0	10	27
IIP High Speed Tool Steel (Tons)	3,736	3,611	3,080	908	4,818	4,693	3,419	386	0	83	805
IIP Tool Steel (Tons)	13,335	9,022	10,472	2,198	13,635	12,022	7,371	883	25	447	3,296
IIP Cold Finished Bars (Tons)	85,853	53,243	107,184	3,221	100,136	67,526	46,848	6,012	280	3,024	11,362
IIP E. R. Aircraft Steel (Tons)	104,570	56,937	98,560	8,241	107,228	59,587	38,097	1,375	0	657	19,458
IIP Cr. St. Mn. Billets (Tons)	87,921	51,954	103,693	0	114,931	78,964	65,583	9,081	431	3,214	655
IIP C. R. Sheets (Tons)	15,668	9,549	86,240	175	87,990	80,971	48,628	29,653	1,709	699	282
IIP C. R. Strips (Tons)	67,170	30,275	86,240	11	101,453	64,558	49,720	11,266	797	1,089	1,686
IIP Stainless Steel (Tons)	4,630	3,408	3,080	553	4,644	3,422	2,720	70	0	1	631
IIP Tinplate (Tons)	37,709	33,484	60,954	2,868	78,550	74,325	56,038	10,602	970	1,902	4,813
IIP Steel Wire (Tons)	93,880	37,098	67,833	3,051	111,010	54,228	40,861	4,948	672	968	6,779
IIP Wire Rope (Tons)	23,596	13,405	15,810	742	24,475	14,284	10,798	789	0	344	2,353
IIP Steel Alloy Tubes (Tons)	19,495	6,264	22,014	1,386	20,511	7,280	4,420	41	0	105	2,714
IIP Stainless Steel Wire (Tons)	2,403	1,436	370	440	2,416	1,449	835	94	13	44	463
IIP Barbed Wire & Staples (Tons)	26,189	5,965	51,744	0	65,989	45,765	34,705	10,538	203	99	220
IIP Pipe & Tubing (Tons)	120,835	12,409	236,133	1,404	165,473	57,047	38,153	15,600	1,571	288	1,435
IIP H. R. Sheets & Plates	122,069	50,438	117,040	9,095	177,106	105,475	67,352	18,293	1,533	4,383	13,734
IIP Bolts, Nuts, Rivets, Angles (Tons)	8,391	3,592	12,320	1,967	9,843	4,044	2,150	0	0	0	1,894
IIP R.R. Rails & Accessories (Tons)	102,452	55,570	263,007	18,099	149,576	102,695	60,000	16,288	0	618	25,779
IIP Mounted Sets of Wheels & Axles (Tons)	22,305	1,869	33,602	0	22,559	2,122	740	90	0	911	381
IIP Car Axles (Tons)	35,551	19,586	55,440	1,075	35,551	19,586	12,820	927	0	4,050	1,789
IIP Locomotives & Car Wheel Tires (Tons)	12,040	4,877	12,320	579	12,040	4,877	2,572	53	0	484	1,768
IIP Rolled Steel Car Wheels (Tons)	8,766	1,834	16,272	0	8,766	1,834	1,966	0	0	512	1,126
IIP Steel Locomotive Axles (Tons)	255	42	380	0	255	42	42	0	0	0	0
IIP Electric Locomotive Axles (Tons)	300	222	272	111	300	222	0	0	0	0	222
IIP Petroleum Products (Tons)	k/	165,414	220,000	20,890	k/	345,230	259,141	8,414	14,872	41,539	21,264
Chemicals											
IIP Phenol (Tons)	12,627	9,056	11,000	818	16,879	13,308	9,720	1,576	170	448	1,394
IIP Ethylene Glycol (Tons)	7,222	3,198	2,200	0	8,347	4,323	3,752	189	0	358	24
IIP Ethyl Alcohol (Tons)	10,188	9,942	1/	4,349	10,335	10,089	4,599	160	0	0	5,330
IIP Sodium Bromide (Tons)	1,804	836	1,650	0	2,637	1,669	1,242	334	0	58	35
IIP Phosphorus (Tons)	2,511	508	2,200	0	3,968	1,965	1,480	485	0	0	0
IIP Dibutyl Phthalate (Tons)	3,229	1,131	3,300	0	5,240	3,142	2,051	859	70	0	162
IIP Dimethyl Aniline (Tons)	3,076	1,400	2,750	0	3,877	2,201	1,550	420	0	19	212
IIP Diphenylamine (Tons)	1,635	535	1,650	0	2,540	1,440	1,062	256	0	0	122
IIP Coloxylin (Tons)	3,762	372	6,769	0	8,156	4,766	3,231	1,339	86	110	0
IIP Methanol (Tons)	12,071	3,539	11,000	391	21,551	13,019	8,610	2,963	371	683	392
IIP Urotropine (Tons)	6,888	4,472	4,217	0	7,452	5,036	3,765	358	25	201	687
IIP Ammonia Chloride (Tons)	4,800	650	4,400	0	4,800	650	550	0	0	0	100
IIP Potassium Nitrate (Tons)	3,600	1,165	3,300	38	3,600	1,165	899	0	0	138	128
IIP Ammonium Cyanide (Tons)	3.0	2.4	3.0	0.2	3.0	2.4	2.2	0	0	0	0.2
IIP Centralite (Tons)	645	530	550	50	645	530	480	0	0	0	50
IIP Resorcin (Tons)	120	60	110	0	120	60	10	0	0	10	40
IIP Barium Peroxide (Tons)	300	75	275	0	331	106	106	0	0	0	0
IIP Strontium Oxalate (Tons)	88	28	88	0	88	28	16	0	0	0	12
IIP Rhodamine (Tons)	6	2.5	6	0	6	2.5	1.5	0	0	0	1.0
IIP Torium Nitrate (Tons)	3	3	3	0	12	12	6	6	0	0	0

Footnotes on Sheet 4

	Second Protocol Performance July 1, 1942 - May 31, 1943			Exported During May 1943	Cumulative Performance First and Second Protocols October 1, 1941 to May 31, 1943						
	Made Available	Exported	Offered a/		Made Available	Exported	Arrived b/	Lost	Diverted To Others After Export	In U.K. Awaiting Forwarding	Balance Enroute
Chemicals (Cont'd.)											
IIP Cresol (Tons)	321	172	1,100	0	441	292	231	61	0	0	0
IIP Potassium Sulphate (Tons)	1,800	405	1,650	38	1,800	405	202	0	0	45	158
IIP Anthracene (Tons)	9	9	0	0	9	9	9	0	0	0	0
IIP Vistanex (Tons)	274	150	0	25	306	182	127	5	0	25	25
Phenol Formaldehyde (Tons)	262	140	1/	0	1,008	886	745	141	0	0	0
Ammonite (Tons)	8,930	5,936		1,662	9,300	6,306	5,105	0	0	0	1,201
Caustic Soda (Tons)	23,210	16,920		1,434	24,270	17,980	14,148	0	0	0	3,832
Picric Acid (Tons)		356		0		356	47	0	0	147	162
Acetone (Tons)	1,384	203		0	1,384	203	0	0	0	0	0
Soda Ash (Tons)	1,375	237		182	1,387	250	68	0	0	0	182
Boric Acid (Tons)	235	235		0	460	460	292	168	0	0	0
Calcium Carbide (Tons)	219	117		0	219	117	0	0	0	0	0
Aniline Oil (Tons)	3,990	1,711		0	5,712	3,433	2,378	927	16	112	0
Ethylene Dibromide (Tons)	4,614	1,449		0	4,614	1,449	1,357	0	0	0	92
Glycerine (Tons)	9,223	6,596		1,151	9,223	6,596	5,236	0	0	0	1,360
Neosone (Tons)	504	470		0	504	470	398	0	0	0	72
Petrov or Twitchell Reagent (Tons)	442	217		53	442	217	164	0	0	0	53
Ethylene Chlorohydrin (Tons)	31	0		0	31	0	0	0	0	0	0
Diethylene Glycol (Tons)	552	100	1/	0	552	100	100	0	0	0	0
Potassium Chlorate (Tons)	1,223	444		0	1,223	444	214	0	0	40	190
Crystalline Saccharine (Tons)	177	152		37	197	172	125	10	0	-	37
Sodium Dichromate (Tons)	600	326		0	600	326	276	0	0	0	50
Black Dyes (Tons)	752	124		117	752	123	6	0	0	0	117
Naphtheneic Acid (Tons)	600	0		0	600	0	0	0	0	0	0
Ammonium Nitrate (Tons)	5,800	3,353		0	5,800	3,353	1,428	0	0	638	1,287
Carbon & Lamp Blacks (Tons)	13	0		0	2,251	2,238	2,238	0	0	0	0
Other Misc. Chemicals (Tons)		3,004		481		4,222	3,317	116	0	23	760
Copper Cables and Wires											
IIP Marine Cable (Miles)	844	505	918	37	1,211	872	587	127	0	92	66
IIP Submarine Cable (Miles)	560	448	464	56	690	578	441	31	0	0	106
IIP Other Insulated Copper Cables (\$1000)	20,565	8,630	-	523	20,670	8,745	5,584	152	0	866	2,143
IIP Bare Copper Cable & Wire (\$1000)	1,211	859	-	61	1,246	894	619	0	0	90	185
Other Mat'ls & Prods. Except Ind. Equip.											
IIP Abrasives (\$1000)	4,821	4,010	3,667	745	7,137	6,326	3,570	863	33	392	1,468
IIP Graphite Electrodes (Tons)	6,405	2,669	5,353	836	8,861	8,125	4,869	1,085	25	221	1,925
Other Graphite Products (Tons)		1,031	0	251		1,895	1,083	336	0	0	476
IIP Sheet Fibre (Tons)	1,914	365	1,710	33	2,746	1,197	500	488	3	147	59
IIP Aircraft Shock Absorber Cord (Yds)	190,546	117,727	0	15,917	190,546	117,727	101,811	0	0	0	15,916
IIP Condenser Paper (Tons)	144	106	220	0	156	119	102	0	0	0	17
IIP Cigarette Paper (Tons)	918	290	832	0	1,020	391	323	68	0	0	0
IIP Parchment Paper (Tons)	2,517	557	1,916	13	2,580	624	611	0	0	0	13
IIP Tires	1,178,040	911,143	m/	148,700	1,327,685	1,060,788	652,378	65,941	0	43,938	298,531
IIP Tubes	1,191,531	872,829	m/	149,650	1,334,323	1,015,621	599,334	62,547	0	46,222	307,518
Industrial Equipment											
IIP Hard Alloys & Cutting Tools (\$1000)	17,708	15,105	20,537	1,281	19,070	16,467	15,066	117	0	3	1,281
IIP Machine Tools (Units)		8,932		1,308		11,302	8,054	969	0	493	1,786
IIP Machine Tools (\$1000)		56,631		10,020		77,769	52,891	6,798	0	3,932	14,148
IIP Electric Furnaces (Units)		180		29		258	183	36	0	5	34
IIP Electric Furnaces (\$1000)		2,983		3,982		3,982	2,771	504	0	97	610
IIP Forging Hammers & Presses (Units)		631		87		912	644	90	4	57	117
IIP Forging Hammers & Presses (\$1000)		11,216		13,764		13,764	10,414	768	26	997	1,559
Foodstuffs											
IIP Wheat and Wheat Flour (Tons)	k/	179,020	2,200,000	43,975	k/	277,027	208,271	1,020	275	5,062	62,399
IIP Sugar (Tons)		93,038	770,000	4,526		176,537	141,615	14,469	504	11,247	8,752
IIP Canned Meat Products (Tons)		171,406	110,000	17,814		214,474	143,261	14,762	4,429	10,413	41,609
IIP Meat (Tons)		91,574	165,000	17,217		106,330	80,525	3,391	573	5,179	16,662
IIP Lard (Tons)		32,544	132,000	4,446		66,249	38,878	6,202	5,917	10,929	4,323
IIP Vegetable Oil (Tons)		98,879	110,000	22,396		118,819	93,337	69	0	2,274	23,139
IIP Soap (Tons)		3,695	55,000	405		4,220	3,703	0	0	0	517
Miscellaneous Foods (Tons)		436	0	9		1,067	1,056	3	0	0	8
Cereals & Prods. other than Wheat (Tons)		43,209	0	8,414		55,751	44,981	1,065	253	0	9,452
Fodder (Tons)		1,683	0	0		1,788	1,788	0	0	0	0
Canned Fruits & Vegetables (Tons)		956	0	0		1,574	1,499	75	0	0	0
Dried Fruits & Vegetables (Tons)		97,219	0	11,291		110,301	54,691	5,645	3,599	18,534	27,832
Whole Fruits & Vegetables (Tons)		72	0	0		72	72	0	0	0	0
Cheese (Tons)		3,721	0	595		3,721	2,952	174	0	0	595
Butter (Tons)		7,514	0	1,002		10,408	8,304	365	415	321	1,003
Condensed & Evaporated Milk (Tons)		2,663	0	887		2,684	1,256	188	0	0	1,240
Salt (Tons)		385	0	0		1,399	1,399	0	0	0	0

	Second Protocol Performance July 1, 1942 - May 31, 1943			Exported During May 1943	Cumulative Performance First and Second Protocols October 1, 1941 to May 31, 1943							
	Made Available	Exported	Offered a/		Made Available	Exported	Arrived b/	Lost	Diverted To Others After Export	In U.K. Awaiting Forwarding	Balance Enroute	
Foodstuffs (Cont'd)												
Dried Eggs (Tons)		20,249	0	2,470		28,880	17,365	3,875	1,131	4,165	2,344	
Concentrated Foods (Tons)		780	0	780		780	0	0	0	0	780	
Vitamin Tablets (Tons)		268	0	6		268	226	0	0	36	6	
Dried Milk & Milk Powder (Tons)		15,044	0	1,656		15,126	8,258	374	0	4,394	2,100	
Citric Acids & Concentrates (Tons)		901	0	108		974	810	56	0	0	108	
Vegetable Pastes & Dehydrated Soups (Tons)		1,221	0	22		223	201	0	0	0	22	
Tea (Tons)		439	0	30		483	392	0	0	0	91	
Coffee (Tons)		2,758	0	0		2,763	2,203	0	0	560	0	
Dehydrated Meats (Tons)		646	0	389		646	226	0	0	0	420	
Seeds (Tons)		10,010	0	32		10,011	9,472	18	0	0	521	
Yeasts (Tons)		280	0	167		280	2	0	0	112	166	
Gleomargarine (Tons)		4,172	0	1,139		4,478	536	0	0	0	3,942	
Dehydrated Fruits & Vegetables (Tons)		462	0	47		462	395	0	0	0	67	
Naval Items												
IIP Diesel Engines (Navy)	391	312	450	145	434	355	190	9	0	0	156	
IIP Gasoline Engines (Navy)	958	856	1,950	85	1,212	1,110	914	46	0	65	85	
IIP Storage Batteries for Submarines	15	14	11	0	15	14	12	0	0	2	0	
IIP Naval Armament	Soviet Merchant Vessels and Icebreakers are being armed as they come to Port.											
IIP Minesweepers	0	0	10 ^{a/}	0	0	0	0	0	0	0	0	
IIP Oerlikon Guns 20 MM	947	727	0	221	1,000	780	191	30	0	150	409	
Torpedo Boats	12	12	0	0	12	12	2	2	0	8	0	
Dry Cargo Ships		48										
Tankers		5										
					Transferred to Soviet Registry (6 Transferred in May)							
					Transferred to Soviet Registry (2 Transferred in May)							

Notes: All tons are 2000 lbs. net weight
IIP - Offered under Second Protocol

- a/ Offerings for which no monthly schedules are quoted in the Protocol have been computed on the basis of proportional time elapsed.
- b/ Shipments via the Persian Gulf are considered as arrived when vessels are reported safely at ports.
- c/ 41 planes diverted to British after arrival in Middle East.
- d/ Request cancelled by U.S.S.R.
- e/ Shipped mostly with radios and other items.
- f/ Offering includes quantities contained in other items.
- g/ Reflects 1,612 tons diverted from stocks.
- h/ Offering reduced by 646 tons furnished in other special items.
- i/ Reflects 34,506 tons ordered from U.S.S.R. stocks. 25,164 tons have been delivered to purchasers. A total of 75,250 tons has been offered for diversion.
- j/ Reflects 7,932 tons diverted from stocks.
- k/ Petroleum products and food made available according to shipping schedules.
- l/ U. S. offering of 60,000 tons of chemicals not listed in the protocol included excesses in listed items.
- m/ Offering includes rubber contained in other items.
- n/ Review of supply of remaining industrial equipment will be completed on June 30.
- o/ 10 offered for delivery by 6/30/43.

~~SECRET~~

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

As of May 31, 1943

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

2 1972

Aluminum Rolling Mill

This \$6,000,000 project is for production of aluminum sheet for the U.S.S.R. aircraft industry.

The mechanical equipment has been completely shipped from the manufacturer. 85% of the electrical equipment has been shipped to port. The remainder is expected to be shipped by June 10, 1943.

Petroleum Refinery Program

This project is being developed to produce aviation gas, motor gas and lubricating oils to replace Soviet production destroyed or isolated by the German Army. As procurement has proceeded, it has become evident that overall cost will be somewhat less than the \$60,000,000 originally estimated.

Process engineering is 99% complete; detail engineering and drafting is 64% complete; orders have been placed for 99% of the equipment involved; 32% of the equipment has been shipped from factory. The whole refinery program including power equipment is scheduled for completion by the end of this summer, 1943, although certain specialties such as valves, instruments and tank cars will not be delivered until late fall.

Tire Production Program

This \$6,000,000 project is to permit the Soviet Government to produce a minimum of 1,000,000 military tires per year from their own supplies of synthetic rubber and natural rubber obtained from shrubs. To utilize idle American equipment, the tire plant of the Ford Motor Company has been purchased; 100% of this plant has been dismantled and shipped to port. 55% of the new equipment being furnished has been shipped to port; the remaining 45% will be made available from production by September 1943. Sufficient new equipment, however, will be delivered by July to allow for production of 500,000 tires per year.

Shipments of power equipment commenced in May and will be completed in July.

Power Plants

This project, calling for a total of 250,000 kw steam generating capacity and 217,000 H.P. of diesel generating equipment and industrial steam boilers, is planned to provide power for munitions plants. The engineering design work has been completed. Equipment from stand-by United States plants is being used to reduce the requirements for new production.

Engineering and purchase of equipment for these plants is completed. Several of these plants have been completely shipped to the port while others have been partially shipped. A considerable portion of all remaining equipment will be made available from factories during the months of June and July. Difficulties have been encountered in obtaining such essential equipment as piping and valves.

Hydro-Electric Power Program

A request has been filed for hydro-electric equipment for 16 projects, including hydraulic turbines, electric generators, a power house and switchyard auxiliary equipment. The projects contemplate developing approximately 268,000 kw of electric power in the Ural Mountain region for rapidly expanding munition plants.

Performance specifications are being reviewed by the War Production Board. The consulting engineers have been authorized to prepare excavation drawings on each of the projects. No commitment has yet been made to procure the necessary equipment.

Automatic Block Signal System

This \$13,000,000 project is to permit automatic signal operation of a portion of the U.S.S.R. railroad system. The equipment when installed will permit greater carrying capacity on existing rail facilities without increase of rolling stock. The system will consist of signal and signal operating equipment for 455 km single track alternating current supply, 1162 km single track storage battery supply, 800 km single track primary battery supply and 583 km double track storage battery supply. Contracts have been awarded and layout designs completed. Most of the engineering problems have been settled and 75% of the drawings approved. Fabrication has commenced. The Soviet representatives have requested 48 power stations for this system. The request is under engineering study.

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

As of May 31, 1943

Date of Sailing	Number of Ships Sailing					Arrived	En Route as of May 31	Cargo Disch. in U.K.	Lost	Losses by Month
	For North Russia	For Persian Gulf	For Soviet Arctic	For Soviet Far East	Total					
1941 Oct	10	-	-	5	15	14	-	-	1	-
Nov	9	1	-	3	13	12	-	-	1	-
Dec	14	7	-	4	25	22	-	-	3	1
1942 Jan	20	-	-	4	24	19	-	1	4	3
Feb	13	2	-	4	19	16	-	-	3	1
Mar	31	6	-	6	43	32	-	4	7	9
Apr	62	6	-	10	78	46	-	13	19	-
May	14	10	-	7	31	21	-	4	6	6
Jun	8	11	6	9	34	27	-	-	7	6
Jul	2	5	16	12	35	34	-	-	1	16
Aug	11	5	1	19	36	33	-	-	3	1
Sep	4	8	-	17	29	29	-	-	-	10
Oct	-	13	-	19	32	32	-	-	-	-
Nov	-	8	-	26	34	32	-	-	2	3
Dec	4	11	-	24	39	38	-	1	-	-
1943 Jan	12	12	-	22	46	38	-	8	-	-
Feb	22	7	-	28	57	35	-	20	2	1
Mar	1	19	-	26	46	32	13	1	-	2
Apr	-	18	-	37	55	33	21	-	1	1
May	-	15	4	44	63	3	60	-	-	-
Jun										
Total Oct. 1941 to Apr. 30, 1943	237	164	27	326	754	548	94	52*	60	60

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

Of the 754 sailings from October 1, 1941 to May 31, 1943, 365 were made by American vessels, 293 by Soviet vessels, 78 by American vessels transferred to Soviet registry, 17 by British vessels and 1 by a Swedish vessel. The sailings were made by 522 ships, 65 having sailed twice, 28 three times, 19 four times, 7 five times, 4 six times and 1 seven times. In addition to the 754 sailings, there were 78 ships that loaded partial cargoes in the U. S. for the U.S.S.R. In addition to the 60 ships shown above as lost, several ships have been sunk on their return voyages.

9-045

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

2 1972

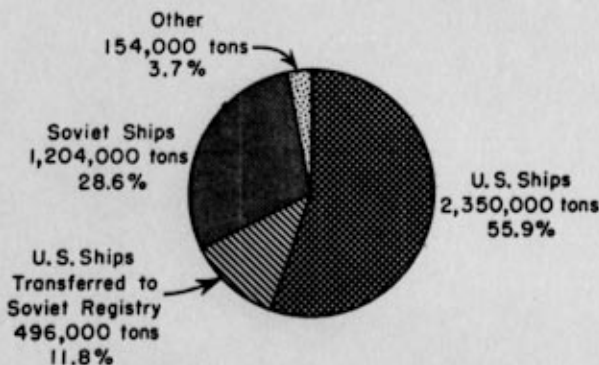
By J. Schauble Date **FEB** 2 1972

STATEMENT OF CARGO SHIPPED TO U.S.S.R.
As of May 31, 1943
(Thousands of Gross Long Tons)

Month	For North Russia	For Persian Gulf		For Soviet Arctic	For Soviet Far East		Total	Arrived	En Route as of May 31	Cargo On Hand Or Diverted 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	-	6	45	42
Apr	376	21	-	-	38	-	435	262	-	46	127	-
May	92	79	8	-	33	-	212	143	-	20	49	38
Jun	55	84	7	18	31	-	195	139	-	-	56	55
Jul	13	39	25	46	59	1	183	174	-	-	9	114
Aug	69	39	25	3	83	-	219	197	-	-	22	7
Sep	28	63	9	-	79	-	179	179	-	-	-	65
Oct	-	109	12	-	108	-	229	229	-	-	-	2
Nov	-	66	6	-	106	1	179	166	-	-	13	17
Dec	29	83	8	-	123	-	243	236	-	7	-	-
1943 - Jan	73	83	4	-	98	-	258	210	-	48	-	-
Feb	164	40	-	-	129	-	333	168	-	150	15	8
Mar	9	131	-	-	123	-	263	160	94	9	-	16
Apr	-	139	6	-	193	-	338	177	154	-	7	7
May	-	112	9	12	217	-	350	10	340	-	-	-
Jun	-	-	-	-	-	-	-	-	-	-	-	-
Total Oct. 1941 to Apr. 30, 1943	1,347	1,122	121	79	1,533	2	4,204	2,941	588	287*	388	388

* 62,000 tons discharged in 1942 diverted to U. S. Army or British use.
11,000 tons discharged in 1942 awaiting forwarding to U.S.S.R.
214,000 tons discharged in 1943 awaiting disposition in U.K.

DISTRIBUTION OF TONNAGE SHIPPED TO MAY 31, 1943
BY REGISTRY OF SHIPS



DATA ARE GROSS LONG TONS

rvs

HULL, Hon. Cordell
SECRETARY OF STATE,
6-26-43

PSF

C. F. Lewis

Wrote to the President re notice given by Netherlands, Belgium, Poland, Yugoslavia and Greece to the State Dept. and the War Shipping Administration concerning availability of seamen to man ships. Suggested basis on which allocations could be made. Said this is in accord with President's memo of 11-19-42 to Ass't Sec. Long re transfer of American ships to Norway. Referred to arrangements that have been made with Great Britain, Russia and Norway, and Brazil. Said the War Shipping Administration is in accord with the views and Mr. Hull recommended them for President's approval. --- Copy initialed by the President and ret'd to State - "C.H. OK FDR 6-26-43".

SEE C.F. STATE