Lend Lease: Aug. 1944

File

PETROLEUM ADMINISTRATION FOR WAR

WASHINGTON

C.F. Lend Lease

AUG - 8 1944

My dear Mr. President:

I am pleased to enclose our August 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 L. Ickes

Petroleum Administrator for War.

x4435

The President,

The White House.

Enclosure. x 4193
x 220
x 56

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Enclosure.

PETROLEUM ADMINISTRATION FOR WAR

WASHINGTON 25, D. C.

SUPPLIES FOR THE U.S.S.R.

Report to the President

PETROLEUM PRODUCTS

During July the Russians lifted the following quantities of petroleum products from the United States:

Blending Agent	25,956	Short Tons
100 Octane Aviation Gasoline	25,369	" "
Other Products	12,136	" "
Total	63,461	Short Tons

The Russians' latest indication of their requirements of aviation lubricating oil for the period July through October 1944 is 26,500 long tons, whereas their total indicated requirements for the year beginning July 1 were only 10,000 short tons. Due to a grade change in U. S. Army requirements of aviation lubricating oil, the Army has a considerable stock on the West Coast of the grade desired by the Russians. In consequence, the difficulties in meeting the Russians' requirements will probably be considerably less than had been expected when the Soviet Purchasing Commission first made known the large July/October needs.

We are informed that in addition to the tankers received under the recent exchange agreement, a Liberty type tanker was turned over to the Russians during July. Because of the ship's construction, only very high viscosity oils, such as vegetable oils, can be loaded in the after tanks of this vessel.

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 June 30, 1944. In keeping with our usual practice, we have eliminated shipments diverted to the United Kingdom, and have included replacement shipments from the United Kingdom. Also included are aviation gasoline and blending agent shipped from Abadan during the period July 1, 1943 to June 30, 1944. Replacement of these Abadan shipments has been or will be made out of United States controlled sources. Shipments of 100 octane aviation gasoline from Abadan to Russia for the United States Army Air Forces are not included in the tabulation:

[redacted] DECLASSIFIED MAR 21 1973
E.O. 11652, Sec. 3(E) and 5(D) or (E)
Interior Dept ltr, 11-3-72

Aviation Gasoline and Blending Agents	7,559,856	Barrels
Motor Gasoline	1,010,941	"
Miscellaneous Naphtha and Kerosene	73,938	"
Gas Oil	549,581	"
Fuel Oil	27,831	"
Lubricating Oil	226,707	"
Grease	8,197	"
Tetraethyl Lead	19,535	"
Lubricating Oil Additives	33,930	"
Total	9,510,516	Barrels
Ceresine and Paraffin Wax	4,574	Short Tons

NEW PETROLEUM REFINING PLANTS AND UNITS

The request of the Russian Commission for deep well pumping equipment for Plant No. 2 under the Second Protocol has been studied, and recommendations have gone to the Foreign Economic Administration that such essential equipment as is required for this purpose be approved. A requisition for 7,000 feet of cast iron pipe to complete the water system for Refinery No. 4 has been submitted by the Commission to the Foreign Economic Administration, and it is now being processed there.

The collateral contract for architect-engineer services on the power plant under the Third Protocol has not yet been negotiated. Since it is necessary that the architect-engineer for the power house be selected before any further action can be taken with respect to procuring the power plant equipment, we are urging the completion of these negotiations. The revised schedule of shipments has not yet been received for the Third Protocol.

Preliminary bids have been requested for ten gas recovery plants, one cumene unit, one ceresine plant and three Petreco dehydrating and desalting units under the Fourth Protocol. The only bid yet received is from Max B. Miller and Company, on the ceresine plant. The others are expected sometime during August.

OILFIELD EQUIPMENT

The Soviet Government Purchasing Commission has submitted a preliminary list of oilfield equipment desired under the Fourth Protocol. This includes 265 drilling rigs, of which 161 are heavy rigs and 104 are portable, 17,300 rock bits, 400 drill collars, 494 tractors, and 8,600 tons of drill pipe. The magnitude of the Russians' request for these items can be judged from the fact that compared to the present U.S. production, the desired number of drilling rigs and drill collars is equivalent to approximately one year's output, the quantity of rock bits is equal to about two months' production, and the quantity of drill

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pipe to about one month's production. The number of tractors approximates the total granted the Petroleum Administration for War for use in all domestic fields in the year 1944.

Other critical items requested are christmas trees, derricks, rotary tables, kellys, blowout preventers, crown blocks, traveling blocks, swivels, hooks, cementing units, and various tools. An additional list is to be submitted as soon as it is received from Moscow.

RECOMMENDATIONS

We have no recommendations to make at this time.

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

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PETROLEUM ADMINISTRATION FOR WAR

WASHINGTON

August 5, 1944

AUG - 8 1944

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WASHINGTON 25, D. C.

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

[redacted]

WAR DEPARTMENT

WASHINGTON, D. C.

file

PSF

C.J. Lend Lease

AUG 8 1944

The President,

The White House.

Dear Mr. President:

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

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

Airplane deliveries were slightly behind schedule due to modifications requested by representatives of the Soviet Union and to installation of equipment. It is expected, however, that normal deliveries will be attained in the month of August.

Respectfully yours,

R. P. Patterson

Acting Secretary of War.

x25

Incl:
Tabs A to C
inclusive.

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Signature- RHP

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AUG 8 1944

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(Signed) ROBERT P. PATTERSON
ACTING Secretary of War.

Incl:
Tabs A to C
inclusive.

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Date- JAN 31 1972
Signature- RAP

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WTH. DIRECTOR I.A.D.
INITIALS CAB
DATE 8-6-44

TAB A

WAR DEPARTMENT

STATUS OF MILITARY GROUND ITEMS
AS OF 31 JULY 1944

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

	Fourth Protocol War Department Offerings (Short Tons)	Fourth Protocol Offerings Made Available (Short Tons)
Ordnance	1,030,401	93,238
Signal	40,546	2,665
Engineer	54,986	15,544
Transportation	387,693	62,126
Chemicals	86,528	9,992
Quartermaster	57,198	2,979
Medical	3,000	450
	1,660,352	186,994

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Date- JAN 31 1972
Signature- RHP

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TAB A-1

FOURTH PROTOCOL OFFERINGS OF MILITARY GROUND ITEMS

Item	Protocol Number	Fourth Protocol Offerings	First Month's Schedule	First Month's Availability	Performance by Units %	Shortage	Overage	%	Tonnage (Short Tons) Total Offerings	Availability 31 July 1944
ORDNANCE										
Combat Vehicles										
Medium Tanks, M4A2 (a)	II 1A2	3,173	256	214	16.4	42			96,142	6,420
Hydraulic Turret Traversing System f/Russian Tanks (Sets)	II 1H	50*	-	-					-	-
Service Trucks										
Field Repair Trucks (b)	II 2A									
2½ Ton 6x6 Truck (Signal)		82	7	-					787	-
2½ Ton 6x6 Truck (Couse type)		140	-	-					1,344	-
Tank Transporter, 40 Ton	II 2C	400	-	-					10,603	-
Trucks										
Truck, ¼ Ton 4x4 (Jeep)	II 3A1	9,683	1,614	1,728			114	7.1	9,973	1,780
Truck, 3/4 Ton 4x4 WC	II 3B1	16,000	800	1,124			324	40.5	41,304	2,902
Truck, 1½ Ton 4x2	II 3B2	16,000	2,666	2,190	17.9	47.6			54,544	7,466
Truck, 1½ Ton 4x4	II 3B2	25,436	2,715	5,792			3,077	113.3	104,732	23,849
Truck, 2½ Ton 6x4	II 3B3	30,000	2,412	3,894			1,482	61.4	193,050	25,058
Truck, 2½ Ton 6x6	II 3B3	43,860	3,193	260	91.9	2,933			243,423	1,443

* Not included in initial War Department offering.
(a) 1 Medium Tank, M4A2 was repossessed during July.
(b) 4 Field Repair Trucks were repossessed during July.

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Item	Protocol Number	Fourth Protocol Offerings	First Month's Schedule	First Month's Availability	Performance by Units %	Shortage	Overage	%	Tonnage (Short Tons) Total Offerings	Availability 31 July 1944
Trucks (Cont'd)										
Truck, 2½ Ton Amphibian	II 3B4	-	-	-					-	-
Truck, 5 Ton 4x2 Cargo	II 3C	200	-	-					1,211	-
Truck, 10 Ton 6x4 (Mack)	II 3C	700	-	-					9,163	-
Truck, 6 or 7½ Ton	II 3C	240	-	-					2,640	-
Trucks, Special Purpose	II 3D									
5 Ton 4x2 Dump		1,500	53	9	83.0	44			11,030	62
Snow-plows, rotary type, gasoline engine driven, on 6 Ton 6x6 Truck Mounting		100	16	-					1,500	-
Truck-Tractors with Trailers	II 3I									
2½ Ton 6x4 Tractor w/7 Ton Semi-trailer		1,200	66	14	78.8	52			9,849	239
20 Ton 6x4 Tractor w/Fruehauf T-88 Semi-trailer and Gar wood side dump bodies		50	4	-					586	-
20 Ton 6x4 Tractor w/Fruehauf T-88 Semi-trailer and Gar wood end dump bodies		25	2	-					293	-
Motorcycles, Solo	II 4A1	12,000	1,161	200	82.8	961			3,150	54
Tractors (Artillery Prime Mover)	II 4B1									
Class II		720	60	403					2,880	4,411
Class III		1,680	140	-					5,040	-
		2,400	200	403			203	101.5	7,920	4,411

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Item	Protocol Number	Fourth Protocol Offerings	First Month's Schedule	First Month's Availability	Performance by Units % Shortage	Performance by Units Overage %	Tonnage (Short Tons) Total Offerings	Tonnage (Short Tons) Availability 31 July 1944
Engines for Tractors, GMC 4-71	II 4B3	2,000	75	-			2,746	-
Sets of Spare Parts for Allis-Chalmers Tractors	II 4B4	3*	-	-			-	-
Artillery								
A.A. Guns, 90mm	II 5A1							
M1A1		192	32	-			1,661	-
M2		48	8	-			456	-
Recoil Mechanism f/40mm Gun M1	II 5A5	50*	-	-			-	-
Maintenance Tools for repair of Guns 37mm M4	II 5A6	-	-	-			-	-
Ammunition (c)	II 5H							
Shell HE M71 w/f M43A4 90mm AA Mobile Gun		376,200	-	-			11,098	-
Projectile APC M82 90mm Gun AA T and AT		19,800	-	-			584	-
Shell QF HE MKII w/f 40mm AA Gun		5,365,875	-	600,000			18,271	2,016
Shot AP M81 40mm AA Gun		273,250	-	50,000			903	168
Projectile APC M86 57mm Gun M1		187,000	-	-			2,244	-
Shell HE M42A1 Normal Charge w/f PD M48 76mm Gun		426,000	-	2,178			7,029	28
Projectile APC M62 w/Tracer 76mm Gun		426,000	-	2,178			7,455	30

* Not included in initial War Department offering.

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

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Item	Protocol Number	Fourth Protocol Offerings	First Month's Schedule	First Month's Availability	Performance by Units %	Shortage	Overage	%	Tonnage (Short Tons) Total Offerings	Availability 31 July 1944
Ammunition (Cont'd)	II 5H									
Shot APC M80 37mm AC Gun M4 or M10		431,520	-	-					690	-
Shell HE M54 37mm AC Gun M4 or M10		1,726,080	-	-					2,632	-
Cartridge AP Cal. .50 M2		18,884,160	-	-					3,050	-
Cartridge Tracer Cal. .50 M1		25,178,880	-	-					4,004	-
Cartridge Incend. Cal. .50 M1		18,884,160	-	-					2,918	-
Link Metallic Belt Cal. .50 M2 AC		62,947,200	-	-					1,637	-
Shell 240mm How. M1		1,000	-	-					180	-
Charge, Prop. (360# Shell) 240mm How. M1		1,000	-	-					53	-
Shell, 8" Gun		1,000	-	-					143	-
Charge Propellant, 8" Gun		1,000	-	-					86	-
Cart. HEI 20mm MKI w/f No. 253 MKIII		5,000	-	-					2	-
Howitzer, 240mm M1 on Carriage M1	II 5K	2	-	-					90	-
Gun, 8" M1 on Carriage M2	II 5L	2	-	-					32	-
Explosives										
Smokeless Powder (Tons)	II 6A1									
3" Guns		30,000	2,500	2,400	4.0	100			36,000	2,880
90mm Guns		26,000	2,166	2,294			128	5.9	31,200	2,752
Cal. .30 rifle		9,000	750	30	96.0	720			10,800	36

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Item	Protocol Number	Fourth Protocol Offerings	First Month's Schedule	First Month's Availability	Performance by Units %	Shortage	Overage	%	Tonnage (Short Tons) Total Offerings	Availability 31 July 1944
Stick Powder, Solventless Propelling	II 6A2	-	-	-					-	-
T.N.T.	II 6b	60,000	5,000	7,550			2,550	51.0	68,400	8,607
Dynamite (Incl. Ammonite)	II 6C	11,608	967	2,772			1,805	186.6	11,608	2,772
Cord, Detonating (ft.)	II 6F	6,415,000	1,069,166	-					64	-
Fuze, Blasting Time (ft.)	II 6F	62,630,000	10,438,333	-					626	-
Blasting Caps, Non-Electric #8, Type A	II 6F	8,380,000*	-	4,705,000					415	235
Immediate Action Electro Detonators #8	II 6F	1,601,500*	-	600,000					80	30
Total									1,030,401	93,238
SIGNAL										
Radio Stations over 1 KW	II 7A2									
50 KW Short Wave Station		4	-	-(d)					500	16
15 KW Short Wave Station		30	2	-(d)					3,261	638
7½ KW Short Wave Station		20	-	1					1,800	9
3 KW Radio Stations		99	6	-(d)					9,290	149
Radio Stations 1 KW and Under	II 7B2									
SCR-399		1,000	100	100		-	-		5,000	565
SCR-284		4,000	666	500	24.6	166			864	109

* Not included in initial War Department offering.
(d) Tonnage reported but complete units not yet available.

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Item	Protocol Number	Fourth Protocol Offerings	First Month's Schedule	First Month's Availability	Performance by Units %	Shortage	Overage	%	Tonnage (Short Tons) Total Offerings	Availability 31 July 1944
Radio Stations 1 KW and Under (Cont'd)										
SCR-274-N		3,300	216	-					825	-
SCR-177B		200	25	50			25	100.0	225	32
Pilot V-100-B		3,600	100	-					495	-
Frequency Meter Set, SCR-211		50*	-	-					2	-
Radio Receivers	II 7C2									
RCA DR-89		400	8	-					288	-
National HRO		1,200	-	20					60	1
Federal 128-A		500	-	43					25	2
SP-210-X or SCR-244		500	-	10					25	-
Radio Locators, Ground	II 7D2									
AN/TPS-3 w/IFF AN/TPX-3		98	16	2	87.5	14			112	3
Radio Set SCR-627		3*	-	-					-	-
Radio Set SCR-527		3*	-	-					-	-
Radio Set SCR-547		3*	-	-					53	-
Radio Set SCR-545		2*	-	-					-	-
Radio Direction Finder SCR-551, w/Power Supply SCR-169	II 7E	200	32	57			25	78.1	720	213

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Radio Altimeters	II 7F									
AN-APN-1		250	42	-					-	-
SCR-718		50	8	-					2	-
Radio Tubes	II 7H	5,000,000	416,666	338,325	18.8	78,341			518	51
Radio Component Parts and Accessories and Radio Measuring and Testing Equipment	II 7I &J	$3,438,228	$166,666	$181,109			14,443	8.6	1,031	36
Radio Compasses	II 7K									
SCR-269-G		200	33	-					10	-
MN-26C		1,000	166	-					25	-
Generator Sets, Military	V 13B1									
Combination Power Supply Units		-	-	-					-	-
Field Battery Charging Station 5 KW		500	-	-					450	-
Field Battery Charging Station 1½ KW		2,000	83	7	91.6	76			800	107
Teletype Apparatus	V 58B									
Teletypewriter Model 15		550	-	-					187	-
Teletypewriter Model 19		300	-	-					109	-
Telegraph Printer Set EE-97		400	31	200			169	545.1	140	73
Field Telephones EB-8 (Soviet)	V 58C1	100,000	5,000	20	99.6	4,980			650	-
Other Telephone & Telegraph Equipment	V 58C2									
Telephone Carrier, 3-Channel Package "C", w/power units		20	-	-					90	-

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Other Telephone & Telegraph Equip. (Cont'd)									
Telephone TP-6		700*	-	-				9	-
Wire W-106-A (ft.)		45,000*	-	-				-	-
Telephone Central Office Set TC-4		300*	-	-				150	-
100 Line Switchboard, 4C1800-1		16*	-	-				-	-
Field Telephone Wire, WS-1/TS (Miles)	VI 6A3	186,000	-(e)	15,170				12,830	661
Total								40,546	2,665
ENGINEERS									
Airplane Landing Mats (ft.)	I 6B	16,000,000	1,333,333	5,344,500		4,011,167	300.8	37,000	13,050
Road & Airport Const. Equip.	II 8A								
Road Rollers, Gasoline Engine Driven, Tandem, 2-wheel, 5-8 Ton		200	-	-				1,440	-
Road Rollers, Gasoline Engine Driven, 3-wheel, 10 Ton		100	-	10				1,130	139
Road Rollers, 3½-5 and/or 5-8 ton		100	8	-				500	-
Road Rollers, Gasoline Steam or Diesel, 10 Ton or over, New or Reconditioned, Tandem, 2 or 3 wheel		60	5	-				720	-
Grader, Road, Motorized, 12' Moldboard, Gasoline or Diesel		100	-	20				1,450	281

* Not included in initial War Department offering.
(e) Delivery schedule not yet available.

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Item	Protocol Number	Fourth Protocol Offerings	First Month's Schedule	First Month's Availability	Performance by Units % Shortage	Performance by Units Overage %	Tonnage (Short Tons) Total Offerings	Tonnage (Short Tons) Availability 31 July 1944
Road & Airport Const. Equip. (Cont'd)								
Plow, Snow, "V" Type, w/o trucks (Suitable for mounting on 2½ Ton 6x6 trucks)		200	25	-			900	-
Tractor Mounted Const. Equip.	II 8B							
Tractor, Class II, w/dozer		150	4	-			525	-
Tractor, Class III, w/scraper		0	-	-			-	-
Mixers & Pavers, Bituminous & Concrete	II 80							
Distributor, Bituminous Material, Trailer Mtd., 1250 gal.		160	7	-			1,640	-
Mixer, Asphalt, Self-propelled gasoline or diesel engine driven, w/spreader finisher unit, Jaeger Model MP-2		12	-	2			282	45
Heater, Asphalt, Trailer Mtd., 2 Car, 28 H.P.		40	2	-			138	-
Spreader, Aggregate Towed Type, Traction powered, 8' width w/o truck		100	-	6			107	11
Mixer, Asphalt, Gasoline Engine, Semi-trailer mtd., (w/pneumatic tires) 15-30 tons per hr., Barber-Greene Model 841		33	-	-			2,772	-
Finisher, Asphalt, Crawler Mounted, 12', Barber-Greene Model No. 879-A		3	-	-			43	-

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Item	Protocol Number	Fourth Protocol Offerings	First Month's Schedule	First Month's Availability	Performance by Units %	Shortage	Overage	%	Tonnage (Short Tons) Total Offerings	Availability 31 July 1944
Air Compressors, Skid Mtd., Gasoline Engine Driven, 500 cfm	V 2B	100	2	3			1	50.0	516	8
Rock Crushing & Screening Plant, Semi-trailer Mtd., 25 cu. yd.	V 4	10	-	-					105	-
Earth Boring Machines	V 50	-	-	-					-	-
Excavating & Dredging Machinery	V 52A									
Crawler Shovels and/or Cranes, Class III		104	8	7	12.5	1			2,236	280
Crawler Shovels and/or Cranes, Class IV		21	2	2		-	-		1,008	103
Crawler Shovels and/or Cranes, Class V		15	1	2			1	100.0	945	257
Cranes and/or shovels, Mobile, Class XI		30	2	16			14	700.0	180	525
Cranes and/or shovels, Mobile, Class XII		30	2	-					180	-
Ditching Machines, Wheel type, Crawler Mtd., gasoline engine driven, digging depth 5'6", width 23"		10	-	-					120	-
Ditching Machines, ladder type Crawler Mtd., gasoline engine driven, digging depth 8", 18" to 24" width		10	-	-					120	-
Hammer, pneumatic or steam pile driver, double acting, 5000#		100	2	-					254	-

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Item	Protocol Number	Fourth Protocol Offerings	First Month's Schedule	First Month's Availability	Performance by Units %	Shortage	Overage	%	Tonnage (Short Tons) Total Offerings	Availability 31 July 1944
Excavating & Dredging Machinery (Cont'd)	V 52A									
Scraper, Road-towed type, Cable Operated, 8 cu. yd., Type III, w/o tracter		78	5	-					675	-
Professional & Scientific Instruments	V 65	(f)*	-	-					-	2(f)
Misc. Military Items	II 11X	(f)*	-	-					-	843(f)
Total									54,986	15,544
TRANSPORTATION										
Steam Locomotives, Railroad, 60" Gauge	II 9A1									
0-4-0, 50 Ton		10	2	-					500	-
0-6-0, 70 Ton		20	3	-					1,400	-
2-10-0, 105 Ton		1,428	175	130	25.7	45			186,354	19,022
Diesel-Electric Locomotives, Railroad, 60" Gauge, 127 Ton	II 9A3	100	8	-					12,000	-
Flatcars, Railroad, 60" Gauge, 50 Metric Ton	II 9B1	7,244	1,207	1,287			80	6.6	165,163	30,270
Dump Cars, Railroad, 60" Gauge	II 9B2	630	105	480			375	357.1	16,254	12,365
Cars, Heavy Machinery, 125-200 Ton, 60" Gauge	II 9B4	35	6	5	16.6	1			4,200	258

* Not included in initial War Department offering.

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

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Item	Protocol Number	Fourth Protocol Offerings	First Month's Schedule	First Month's Availability	Performance by Units %	Shortage	Overage	%	Tonnage (Short Tons) Total Offerings	Availability 31 July 1944
Industrial Type Locomotives & Cars, 750mm Gauge	V 59A									
Steam Locomotives, 0-8-0, 27 Ton		16	3	-					432	-
Dump Cars, 20 Ton		50	8	50			42	525.0	750	71
Flat Cars, 12 Ton		50	8	-					500	-
Crane, Gantry, Portal Wharf, 45 Ton	V 6B	6*	-	6					140	140
Total									387,693	62,126
CHEMICALS (Tons)										
Potassium Nitrate	VI 10A13	11.2*	-	-					13	-
Dibutyl Phalate	VI 10B10	1,200	-	-					1,320	-
Ethylene Glycol	VI 10B19	4,000	-	2,000					4,400	2,220
Glycerine (g)	VI 10B22	4,400	366	80	78.1	286			4,840	88
Hexamine (Urotropine)	VI 10B23	4,400	366	-					4,840	-
Methanol (h)	VI 10B24	12,000	-	1,423					13,200	1,565
Phenol	VI 10B26	12,000	1,000	461	53.9	539			13,200	507
Toluol	VI 10B32	40,000	3,333	5,027			1,694	50.8	44,000	5,529
Ethyl Centralite	VI 10H2	350	-	-					385	-
Vistanex (i)	VI 16A	300	-	76					330	83
Total									86,528	9,992

* Not included in initial War Department offering.
(g) 88 tons of Glycerine were repossessed during July.
(h) 71 tons of Methanol were repossessed during July.
(i [redacted] Vistanex were repossessed during July.

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Item	Protocol Number	Fourth Protocol Offerings	First Month's Schedule	First Month's Availability	Performance by Units %	Shortage	Overage	%	Tonnage (Short Tons) Total Offerings	Availability 31 July 1944
QUARTERMASTER										
Cotton Cloth, Uniform Twill (Sq. Yds.)	VI 11A	25,000,000	2,083,333	3,683,671			1,600,338	76.8	7,500	1,019
Woolen Cloth (Yds.)	VI 11B									
Overcoating		10,000,000	833,333	-					12,520	-
Suiting		7,050,000	291,666	-					3,671	-
		17,050,000	1,124,999						16,191	
Tarpaulin, Cotton Duck (Sq.Yd.)	VI 11D	3,000,000	83,333	-					2,833	-
Webbing, Cotton	VI 11C	-	-	-					-	-
Army Boots, Service (Prs.)	VI 19A	5,000,000	416,666	84,204	79.8	332,462			13,250	223
Leather (tons)	VI 13	11,963	996	1,632			636	63.9	12,561	1,713
Leather Transmission Belting	VI 14	20,000*	-	-					108	-
Long Leather Jackets	VI 20A	55,000*	-	-					-	-
Industrial Lift Trucks & Tractors	V 7	951	76	5	93.4	71			4,755	24
Total									57,198	2,979
MEDICAL										
Medical Supplies	II 10	$12,000,000	$916,666	$1,178,500			$261,834	28.5	3,000	450
GRAND TOTAL									1,660,352	186,994

* Not included in initial War Department offering.

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SUMMARY OF TABULATION "B"

The attached tabulation reflects the status of factory deliveries and export of aircraft on the Fourth Russian Protocol. The total Protocol commitment for July has not been met by delivery at the factory because the B-25 aircraft schedule for July delivery are in modification centers for installation of equipment. Delivery will be made in August on both the July and August factory delivery schedules.

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

Type		Protocol Requirement to Date	Available at Factory	Departed from U.S.A. By Air North	By Air South	By Water Persian Gulf	By Water Murmansk	Still in U.S.A.
U. S. Account								
Medium Bombers	B-25	25	(a)					
Fighters	P-39	102	103	60				43
	P-63	98	101					101
Transports	C-47	20	20	14				6
Total U. S. Account		245	224	74				150

(a) B-25 aircraft scheduled for July factory deliveries are in modification centers for installation of equipment but delivery will be completed in August.

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SUMMARY OF TABULATION "C"

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

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STATUS OF PROJECTS IN PERSIAN AREA AS OF 29 JULY 1944

	Number Received in Persian Gulf to date	Number Delivered to U.S.S.R. to date
Trucks	128,960	121,191
Airplanes:		
A-20	1,425	1,420
B-25	124	124
P-40	1,048	1,013
P-39	1,976	1,899
AT-6	21	21
P-47	83	76
Total	4,677	4,553

	By Rail at Teheran	By U.S. Trucks	By U.S.S.R. Trucks	By U.K. Trucks	Total
Long Tons delivered to U.S.S.R. from 1 July to 29 July 1944.	154,804	32,874	55,038	15,874	258,590

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

file

August 10, 1944

C.F. Lend Lease

MEMORANDUM

TO: The President

FROM: Leo T. Crowley x 5430

SUBJECT: The Soviet Supply Program

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

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

Leo Crowley

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August 10, 1944

THE SOVIET SUPPLY PROGRAM

I. SHIPPING

July clearances were the highest since the program began. Ninety-two vessels sailed with approximately 639,000 long tons of cargo. The Pacific route handled double the number of vessels clearing for the Atlantic. Persian Gulf vessels were reduced from the usual 25 or more to 17 to provide vessels for the preferable northern convoy route to Murmansk. This northern route has reopened for summer use for the first time since the summer of 1942 when convoy losses closed it for summer traffic. The character of the cargo remained about the same as the previous month with slightly over 16% devoted to food, but with some increase in the percentage of industrial equipment, which reached 18% of the total.

August shipments will be reduced to approximately 550,000 long tons on 74 vessels. The Pacific and Murmansk routes will be operated at capacity. The Persian Gulf route will be cut to six vessels with 43,000 long tons. This will constitute the lowest tonnage for this route since June, 1943. Insufficiency of vessels to operate all routes at capacity has caused the setback.

Shipments from the Pacific ports through Bering Straits to the Arctic Ocean ports of Siberia are progressing in accordance with the usual summer schedules. Cargo is largely gasoline in drums, food, mining equipment and supplies to be towed up the Siberian rivers to mines and airfields on the Alaskan-Siberian ferry route. The movement this season totals 113,000 long tons and is almost identical with that of last summer. This tonnage is included in the monthly tonnage figures reported above.

II. AIRCRAFT

Clearance of aircraft for the U.S.S.R. in July totalled 345 planes. Most of these were flown from Alaska with 172 departures for U. S. account and 116 for U. K. account. The Alaskan route has been developed to the point that it is planned to send all Fourth Protocol

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aircraft over it. Installations at Fairbanks have been enlarged and a program of improvements for the Siberian air bases is in process of procurement and shipment.

III. FOURTH PROTOCOL

U. S. Schedules for the Fourth Protocol have been completed and approved by the Protocol Committee. British and Canadian Schedules are awaited for incorporation in the document.

To bridge the gap before the Schedules are finally adopted and the Protocol signed, supply is continuing under an advance program approved by the Protocol Committee. This program has been developed to assure continuity of supply within limits expected to be incorporated in the Fourth Protocol.

IV. FINANCIAL DISCUSSIONS

An amendment to the Master Agreement of June 11, 1942 is in process of negotiation by the State Department and Soviet representatives. Foreign Economic Administration representatives are also attending the meetings, as is the Acting Executive of the Protocol Committee.

Proposals include provisions to assure the ultimate payment by the U.S.S.R. under a credit arrangement for certain classes of raw materials and industrial equipment. Types of raw materials and industrial equipment which are deemed to be suitable for prompt use after delivery will be paid for under the agreement if active military operations have terminated before they are delivered. Those types of industrial equipment which require a longer period to produce and have a long period of useful life will not be placed in production unless agreement is reached that they will ultimately be paid for, regardless of when they are delivered.

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C. F. Lend Lease

WAR SHIPPING ADMINISTRATION
WASHINGTON

ADMINISTRATOR

August 10, 1944

MEMORANDUM FOR THE PRESIDENT

I

Fourth Protocol shipments to the Soviet Union have gotten off to an excellent start with near-record liftings during July of 624,962 long tons. This figure represents 147 per cent of the monthly target of 424,175 long tons which is expected to be embodied in the document. The sailing of a northern convoy and largest month to date on the Pacific account for this excellent showing.

In contrast liftings in July, 1943 were but 345,439 long tons.

The position was as follows on July 31 (long tons)

	July 1944	August Forecast	September Forecast
Murmansk and White Sea			
Dry cargo ships ex U.S.A.	135,859	167,000	164,000
Tankers ex U.S.A.	19,916	20,000	30,000
Total	155,775	187,000	194,000
Persian Gulf			
Dry cargo ships ex U.S.A.	128,067	38,000	159,000
Soviet Far East and Arctic			
Dry cargo ships ex U.S.A.	259,808	194,000	214,000
Dry cargo ships ex Canada	25,611	21,000	30,000
Tankers ex U.S.A.	55,701	85,000	66,000
Total	341,120	300,000	310,000
Grand Total	624,962	525,000	663,000
Per cent of monthly target	147	124	156

×220
×4193

Although there are a number of uncertainties affecting the shipping position in the immediate future August and September liftings should be well ahead of projected Protocol requirements. It is the intention of the War Shipping Administration to assist the U.S.S.R. during this very crucial period by supplying the maximum amount of shipping assistance possible consistent with meeting other military requirements.

II

As was mentioned in our report for June the first of the new northern convoys, JW 59, is to sail from the United Kingdom in mid August. For this convoy 18 W.S.A. dry cargo ships carrying 135,859 long tons departed in two groups on July 17 and 25 respectively. (Exhibit A) The two remaining ships previously scheduled returned shortly after sailing with machinery trouble, and will sail in JW 60.

One B.M.W.T. tanker and one W.S.A. tanker also sailed carrying respectively cargoes of alcohol and alkylate. The cargo of the W.S.A. tanker will be transshipped in the United Kingdom to a British tanker suitably outfitted for the northern voyage.

Convoy JW 59 is expected to consist of 33 ships as follows:

W.S.A. dry cargo ships ex U.S.A.	18
B.M.W.T. tankers with cargo on U.S. account	2
B.M.W.T. dry cargo ships ex U.K.	10
B.M.W.T. fleet oilers	2
B.M.W.T. crane ship	1
Total	33

The W.S.A. dry cargo ships are carrying about 150 long tons for the U. S. Air Forces in the U.S.S.R. An additional 1,500 long tons

of Army cargo will be loaded on the British ships in the U.K.

The W.S.A. ships for convoy JW 60, which sails from the British Isles in mid September are now loading. Including the two carryovers from JW 59 there will be 23 dry cargo ships and two tankers sailing from the United States. (Exhibit B) The cargo to be lifted, including that in the tankers, is forecast at 187,000 long tons for the U.S.S.R. and 19,500 long tons for the U. S. Army.

The two tankers nominated are B.M.W.T.-controlled vessels, both of which will load aviation gasoline at New York.

The British are expecting to load three dry cargo ships in the United Kingdom. Thus it appears that after including the usual fleet oilers the convoy will total 30 ships.

Beginning with this convoy arrangements have been made to increase the sailing drafts, thus permitting somewhat larger loadings.

Although the British Admiralty has not yet provided us with a firm commitment for JW 61, we have received strong evidence from London that such a commitment will be made. The W.S.A. is therefore planning to load and sail in September for this third convoy 20 dry cargo ships and three tankers, which together will carry about 194,000 long tons.

The present northern convoys are of great assistance to the locomotive program. The ships in JW 59 carried five locomotives each, or 90 for the fleet. Those loading for JW 60 will generally carry six each, except where power trains are loaded, the total being 121.

The program for JW 61 contains 80 units. Thus in these three groups 291 badly-needed locomotives will have been carried.

The Soviets are making extensive use of the northern convoys to ship heavy industrial equipment, including power trains.

III

Sailings to the Persian Gulf in July amounted to 17 Soviet Aid and four Army ships carrying together 128,067 long tons of Soviet cargo, 18,490 long tons of Army cargo, and 14,601 long tons for the Ras Tanura and Bahrein refineries. (Exhibit C) Two tankers also carried deckloads of planes.

As was forecast in our last report, August sailings will be very low because of the northern convoy and of the very great shortage of presenters on the East and West Coasts in relation to the military requirements. Sailings are expected to total six Soviet Aid and three Army ships carrying together 38,000 long tons for the U.S.S.R., 16,000 long tons for the Army, including cargo for the Air Corps in Russia, and 11,000 long tons for the oil refineries. (Exhibit D)

The forecast of September sailings amounts to 22 Soviet Aid ships carrying 159,000 long tons of Soviet cargo and 18,000 long tons for the oil refineries. The W.S.A. presenter position on the Atlantic Coast will continue to be tight during this month, and in the face of continuing and uncertain heavy military demands it is not possible to increase the allocation at this time.

The Persian Gulf operation has suffered no interference from the enemy since the attacks during the latter part of April in the

Mediterranean. Vessels arrive in the Gulf with a high degree of regularity about 47 days out of New York and Philadelphia.

Because of the unusually large sailings in May and early June mentioned in previous reports, activity at the head of the Persian Gulf reached a record high level in July. There were 35 arrivals of Soviet Aid and Army ships ex U.S.A. Cargo discharged during the month, including British Aid to Russia, amounted to the unprecedented total of 344,317 long tons, consisting of 332,984 long tons for the U.S.S.R. and 11,333 long tons for the Army. Despite the pressure, operations in the stream and at berths were conducted with great efficiency, and there was practically no delay to shipping. Turnaround time increased only moderately from about 10 to about 15 days.

During late September and in October the Persian Gulf facilities will be far from fully employed. It appears, probable, however, that by November the level of operation will have been substantially restored.

IV

Sailings from the Pacific Coast reached a very high level in July, amounting to 55 ships carrying 341,120 long tons, of which three ships carrying 25,611 long tons departed from Canada. (Exhibit E) Of these 15 ships carrying 65,406 long tons were destined for the Arctic. June sailings totalled 335,070 long tons. July was therefore the second consecutive month of very great activity on the Pacific.

The sailings in July included 26 ships transferred to the

Soviets on Lend Lease terms. They loaded 224,692 long tons, or 66 per cent of the total.

The great fleet of Soviet vessels which arrived in May and June after the breakup of the ice has now for the most part sailed. August and September sailings will therefore consist mainly of ships returning for their second cargoes of the season. Much depends on the speed with which the Soviets turn their ships around in Siberia and in the Arctic. Current indications are that turnarounds are being made rapidly, although there is some indication that during July the time increased. The average turnaround time in the Far East of 10 liberties sailing from there in July was 14 days. The record clearly indicates that there has been an enormous improvement compared with last season. This improvement has doubtless been caused by the ability of the Russians this year to route all ex American ships directly to Vladivostok through La Perouse, instead of sending them to Nagaevo and Nikolaevsk for off loading prior to the passage of the Tartar Strait, and by improvement of the port at Vladivostok.

The forecast for August is therefore surprisingly good, amounting to 44 ships carrying 300,000 long tons. September sailings should be even better, the estimate being 310,000 long tons. It is evident that with the improved turnaround now prevailing the Soviet merchant fleet in the Pacific is able to carry cargo considerably exceeding in amount the monthly target of 200,000 long tons.

Locomotive loadings on the West Coast in July amounted to 108

units. Total loadings on both coasts up to July 31 amounted to 538 units.

The liberty tanker Charlotte P. Gilman was transferred to the U.S.S.R. on Lend-Lease terms at San Pedro on July 26 and renamed Apsheron. She was made available for the purpose of carrying aviation lubricating oil.

Respectfully submitted

ES Land

E. S. Land
Administrator x4772

(Exhibit A)

MURMANSK AND WHITE SEA SAILINGS - JULY, 1944

W.S.A. Dry Cargo Ships Intended for JW-59

Ship	D.W.T.	Cubic	Long Tons of Cargo	Sailed on	From
Departures in HXS-300					
1. Leo J. Duster	10,500	500,245	7,422	7/17	N.Y.
2. Silas Weir Mitchell	10,500	500,245	7,424	7/17	N.Y.
3. John La Farge	10,500	500,245	7,329	7/17	N.Y.
4. Clark Howell	10,500	500,245	7,377	7/17	N.Y.
5. Warren Delano	10,500	500,245	7,501	7/17	N.Y.
6. Edward L. Grant	10,500	500,245	7,109	7/17	N.Y.
7. Thomas Donaldson	10,500	500,245	7,423	7/17	N.Y.
8. Charles Dauray	10,500	500,245	7,449	7/17	N.Y.
9. Elijah Kellogg	10,500	500,245	7,638	7/17	N.Y.
Departures in HXM-301					
10. David B. Johnson	10,500	500,245	7,215	7/25	N.Y.
11. Charles A. McAllister	10,500	500,245	7,583	7/25	N.Y.
12. Josephine Shaw Lowell	10,500	500,245	7,901	7/25	N.Y.
13. F. T. Frelinghuysen	10,500	500,245	7,720	7/25	N.Y.
14. Frank Gilbreth	10,500	500,245	7,881	7/25	N.Y.
15. Edward H. Crockett	10,500	500,245	8,071	7/25	N.Y.
16. Jose Marti	10,500	500,245	7,791	7/25	N.Y.
17. Thomas H. Sumner	10,500	500,245	6,942	7/25	N.Y.
18. Oakley Wood	10,500	500,245	8,083	7/25	N.Y.
Total dry cargo 1/	189,000	9,004,410	135,859		
Tankers Loaded in U.S.A. with Cargo for JW-59					
19. British Promise 2/	12,300	-------	9,984	7/16	Phila.
20. Jacksonville 3/	16,765	-------	9,932	7/9	Houston
Total	29,065		19,916		
Grand Total	218,065		155,775		

1/ Approximately 150 long tons of U. S. Army cargo was also lifted in addition to the U.S.S.R. cargo

2/ B.M.W.T. tanker with alcohol for U. S. Lend-Lease account

3/ Lifted 9,932 long tons of alkylate to be transshipped in U.K. to B.M.W.T. tanker Nacella for oncarriage to North Russia for U. S. Lend-Lease account. The Jacksonville also carried other cargo not for Russia

(Exhibit B)

EXPECTED SAILINGS TO MURMANSK AND WHITE SEA - AUGUST, 1944

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

Ship	D.W.T.	Cubic	Est. Long Tons of Cargo	Presentation Date	At
To Depart in HXF-302					
1. Dexter W. Fellows 1/	10,500	500,245	7,800	7/10	N.Y.
2. Raymond B. Stevens 1/	10,500	500,245	7,800	7/10	N.Y.
To Depart in HXM-304					
3. Frederick A. Kummer	10,500	500,245	8,100	7/31	Phila.
4. Frederick W. Taylor	10,500	500,245	8,100	7/29	Phila.
5. Edward A. Savoy	10,500	500,245	8,300	8/2	Phila.
6. Cardinal Gibbons	10,500	500,245	8,100	7/31	Phila.
7. Julius Olson	10,500	500,245	8,200	8/3	N.Y.
8. Lewis Emery, Jr.	10,500	500,245	8,300	8/1	N.Y.
9. Nathaniel Alexander	10,500	500,245	8,300	8/3	N.Y.
10. Francis Scott Key	10,500	500,245	8,200	8/1	N.Y.
11. John J. Abel	10,500	500,245	8,200	8/2	N.Y.
12. John Woolman	10,500	500,245	8,300	7/31	N.Y.
13. Daniel Willard	10,500	500,245	8,200	8/3	N.Y.
14. John Vining	10,500	500,245	8,300	8/3	N.Y.
15. David Stone	10,500	500,245	8,200	8/1	N.Y.
16. Thomas U. Walter	10,500	500,245	8,100	8/1	N.Y.
To Depart in HXF-305					
17. George T. Angell	10,500	500,245	8,100	8/10	N.Y.
18. Edward A. Spafford	10,500	500,245	8,100	8/9	N.Y.
19. Arunah S. Abell	10,500	500,245	8,100	8/10	N.Y.
20. Hawkins Fudske	10,500	500,245	8,100	8/11	N.Y.
21. Joshua Thomas	10,500	500,245	8,100	8/11	N.Y.
22. Richard M. Johnson	10,500	500,245	7,400	8/10	N.Y.
23. Henry Lomb	10,500	500,245	8,100	8/10	N.Y.
Total, dry cargo	241,500	11,505,635	186,500		
Less U.S. Army cargo, estimated			19,500		
Total, Soviet Aid dry cargo			167,000		

(Exhibit B continued)

EXPECTED SAILINGS TO MURMANSK AND WHITE SEA - AUGUST, 1944

W.S.A. Tankers Intended for JW-60

Ship	D.W.T.	Cubic	Est. Long Tons of Cargo	Presentation Date	At
24. British Patience (Br)2/	11,300	-----	10,000	8/13	N.Y.
25. Neritina (Br)2/	11,500	-----	10,000	8/12	N.Y.
Total, wet cargo	22,800		20,000		
Grand Total	264,300	11,505,635	187,000		

1/ Sailed originally in HXF-302, intended for JW-59, but returned to loading port on account of machinery trouble.

2/ Full cargoes of aviation gasoline for U. S. Lend-Lease account.

(Exhibit C)

PERSIAN GULF SAILINGS - JULY, 1944

Ship	D.W.T.	Cubic	U.S.S.R. Cargo Loaded	Sailed on	From
SOVIET AID SHIPS					
Departures in UGS-48					
1. Park Holland	10,500	500,245	8,636	7/12	Phila.
2. Leopold Damrosch	10,500	500,245	8,763	7/8	Phila.
3. Thomas W. Owen	10,500	500,245	7,869	7/12	Phila.
4. Augustine Stahl	10,500	500,245	7,489	7/7	Phila.
5. Sidney Sherman	10,500	500,245	1,134 1/	7/10	Phila.
6. Jose Bonifacio	10,500	500,245	8,696	7/11	Phila.
7. Edward Livingston	10,500	500,245	8,843	7/6	Havana
Part cargo 2/			127	7/12	N.Y.
Departures in UGS-49					
8. John Barry	10,500	500,245	1,093 3/	7/19	Phila.
9. Benjamin Bourn	10,500	480,000	8,577	7/21	Phila.
10. Roger Sherman	10,500	500,245	8,543	7/22	Phila.
11. Richard Upjohn	10,500	500,245	9,045	7/10	Havana
Part cargo 4/			63	7/22	N.Y.
Departures in UGS 50					
12. J. C. Osgood	10,500	500,245	8,502	7/20	Phila.
13. Ben B. Lindsay	10,500	500,245	8,328	7/27	Phila.
14. William Hodson	10,500	500,245	8,707	7/28	Phila.
15. Walker Taylor	10,500	500,245	8,781	7/29	Phila.
16. John Hathorn	10,500	400,000	6,509	7/29	Phila.
17. Charles M. Conrad	10,500	500,245	8,362	7/29	Phila.
Total	168,000	8,383,675	128,067		

Note: Also departing in UGS-50 was the Charles G. Coutant, which sailed from its loading port in August.

(Exhibit C continued)

PERSIAN GULF SAILINGS - JULY, 1944

Ship	D.W.T.	Cubic	P.G.S.C. Cargo Loaded	Sailed on	From
P.G.S.C. ALLOCATIONS					
Departures in UGS-49					
18. Tulsa	8,196	303,000	4,317	6/11	Charlestown
19. W. P. Few	10,500	500,245	5,914	7/19	Charlestown
20. Ville d'Anvers	8,100	318,000	3,655	7/20	Charlestown
Departure in UGF-13					
21. Santa Barbara	8,884	365,000	4,604	7/25	Charlestown
Total	35,680	1,486,245	18,490		
Grand Total	203,680	9,869,920	146,557		

1/ Also carried approximately 6,461 long tons of cargo for the Saudi Arabia Petroleum Project.

2/ Consisting of 51 and 76 long tons of planes carried respectively as deck cargo on the B.M.W.T. tanker Vacport and on the W.S.A. British Aid ship George Read.

3/ Also carried approximately 7,140 long tons of cargo for the Saudi Arabia and Bahrein Petroleum Projects.

4/ Consisting of 63 long tons of deck cargo on B.M.W.T. tanker Empire Alliance.

(Exhibit D)

EXPECTED SAILINGS TO PERSIAN GULF - AUGUST, 1944

Ship	D.W.T.	Cubic	U.S.S.R. Cargo Estimated	Presentation Date	At
SOVIET AID SHIPS					
To Depart in UGS-50					
1. Charles B. Coutant	10,500	500,245	8,700	7/21	Phila.
To Depart in UGS-51					
2. Walter Kidde	10,500	500,245	1,000 1/	7/25	Phila.
3. Anne Bradstreet	10,500	450,000	7,900	7/26	Phila.
To Depart in UGS-53					
4. George P. McKay	10,500	500,245	4,000 2/	8/17	Phila.
5. William Patterson	10,500	450,000	8,200	8/17	Phila.
6. George Chaffey	10,500	500,245	8,200	8/17	Phila.
Total	63,000	2,900,980	38,000		
P.G.S.C. ALLOCATIONS			P.G.S.C. Cargo Estimated		
To Depart in UGS-51					
7. Horace Bushnell	10,500	500,245	6,000	8/2	Charleston
To Depart in UGS-52					
8. Newton D. Baker	10,500	400,000	4,000	8/10	Charleston
9. Pierre l'Enfant	10,500	500,245	6,000	8/12	Charleston
Total	31,500	1,400,490	16,000		
Grand Total	94,500	4,301,470	54,000		

1/ Expected to lift approximately 7,200 long tons of cargo for Saudi Arabia Petroleum Project.

2/ Expected to lift approximately 3,800 long tons of oil refinery cargo.

(Exhibit E)

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

Ship	Ex U. S. Ship	D.W.T.	Long Tons of Cargo		Date Sailed
	Dry Cargo Ships				
From Columbia River			Far East	Arctic	
1. Argun	West Modus	8,667	6,635		7/1
2. Alexander Nevski	H. M. Corbett	10,791	9,473		7/1
3. Valeri Chkalov II	Grant P. Marsh	10,791	9,542		7/1
4. Kuban	W. G. T'Vault	10,791	9,561		7/3
5. Zyranin	Dakotan	10,175	7,917		7/4
6. Maxim Gorki		6,320	4,452		7/12
7. Yakut		4,600	3,051		7/13
8. Novorosiisk	Edward Eggleston	10,791	9,515		7/14
9. Kashirstroi		7,318	5,666		7/14
10. Desna	West Comargo	8,534	7,110		7/15
11. Askold	Henry L. Pitlock	10,791	9,600		7/16
12. Kulu		9,475	7,873		7/18
13. Suchan	Jose Sepulveda	10,791	9,673		7/19
14. Vtoraya Pyatiletka	Siletz	8,610	6,784		7/21
15. Klara Zetkin		5,920	4,402		7/24
16. Turkmen		4,155	2,936		7/25
17. Pischevaya Industria		11,600	4,996		7/26
18. Kamenets Podolsk II	Robert S. Abbott	10,791	9,470		7/26
19. Friedrich Engels		5,610	4,428		7/27
20. Komiles		6,125	4,631		7/30
21. Kamchatneft Razvedka		4,095	3,133		7/30
22. Felix Dzerzhinski		11,985	9,459		7/31
23. General Panfilov	G. W. Goodfellow	10,791	9,288		7/31
24. Kiev	Coast Miller	5,400	3,722		7/31
Total		204,917	163,317		
From Puget Sound					
25. Tsiolkovski	Depere	5,100	4,249		7/2
26. Pskov	George L. Shoup	10,791		8,378	7/4
27. Dekabrist	E. H. Harriman	10,791		9,024	7/9
28. Elna II		4,600	3,993		7/11
29. Volga		3,876		3,130	7/15
30. Budenny		4,142		3,440	7/16
31. Vitebsk	John Minto	10,791		9,049	7/17
32. Komsomolsk		4,000		3,216	7/19
33. Minsk		9,500	7,829		7/23
34. Stepan Razin	Cass Gilbert	10,791		8,240	7/27
35. Michurin		6,100	5,134		7/29
36. Arktika		5,000		3,187	7/31
37. Petropavlovsk		2,600	1,941		7/31
Total		88,082	23,146	47,664	

(Exhibit E continued)

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

Ship	Ex U. S. Ship	D.W.T.	Long Tons of Cargo		Date Sailed
			Far East	Arctic	
Dry Cargo Ships					
From San Francisco					
38. Sacco		3,200		2,500	7/7
39. Izhora		5,400		2,979	7/10
40. Kara		3,840		2,508	7/12
41. Kuznetskstroi		4,000		3,326	7/15
42. Pravda		3,700		2,275	7/19
43. Sukhona II	George Coggeshall	10,791	9,529		7/19
44. Tovarich Krassin		4,000		2,564	7/30
Total		34,931	9,529	16,152	
From Vancouver, B. C.					
45. Stalingrad II	Thomas F. Flaherty	10,791	9,509		7/5
46. Tobol	San Clemente	8,412	6,600		7/5
47. Emilyan Pugachev	L. Agassiz	10,791	9,502		7/25
Total		29,994	25,611		
Total, dry cargo		357,924	221,603	63,816	
Tankers					
From San Francisco					
48. Tuapse	District of Columbia	11,227	9,497		7/2
49. Maikop	Thomas H. Gallaudet	10,500	9,239		7/22
50. Lok Batan		2,390	1,911		7/23
51. Nenets		1,845		1,590	7/24
52. Maxim Gorki		1,323	896		7/29
Total		27,285	21,543	1,590	
From Los Angeles					
53. Sovetskaya Neft	Huguenot	11,250	8,592		7/10
54. Batumi		9,600	8,982		7/15
55. Emba II	Shawnee Trail	17,675	14,994		7/30
Total		38,525	32,568		
Total, wet cargo		65,810	54,111	1,590	
Grand total, all ships		423,734	275,714	65,406	

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TREASURY DEPARTMENT

WASHINGTON

AUG 11 1944

C.F. Lend Lease

My dear Mr. President:

There is attached a report of Lend-Lease purchases made by the Treasury Procurement Division for the Soviet government indicating the availability of cargo for August.

The inventory of material in storage as of August 1, 1944, was 208,114 tons or 82,407 tons less than the July 1st inventory. Production scheduled for August shows an increase of 23,901 tons as compared with July.

Faithfully yours,

Dan W. Bell

x 21

x 4193
x 220

The President

The White House

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TREASURY DEPARTMENT - U. S. S. R.

MATERIALS AVAILABLE FROM STORAGE AND PRODUCTION DURING AUGUST, 1944

(IN 2000 LB. TONS)

COMMODITY	STORAGE AUGUST 1, 1944	PRODUCTION DURING AUGUST	TOTAL AVAILABLE	PRIORITY CARGOES FOR PORT AREAS SPECIFIED TO DATE FOR AUGUST
ALUMINUM	7,482		7,482	4,480
AUTOMOTIVE EQUIPMENT AND PARTS		1	1	
BEARINGS	304	2,266	2,570	
BRASS AND BRONZE	16,214	27	16,241	7,560
CHEMICALS	10,228	852	11,080	4,942
CLOTHING AND TEXTILES		104	104	
CONSTRUCTION MACHINERY		529	529	
COPPER IN VARIOUS FORMS	17,241	1,287	18,528	5,332
FERRO-ALLOY	346		346	
GRAPHITE PRODUCTS	1,312		1,312	
HAND AND CUTTING TOOLS		1,171	1,171	
INDUSTRIAL MACHINERY	47,923	45,401	93,324	13,082 *
LEAD AND LEAD ALLOYS	27		27	
NICKEL AND NICKEL PRODUCTS	43		43	43
NON-FERROUS METALS -- OTHER	180	29	209	
NON-METALLIC MINERALS		3,012	3,012	
PAPER AND PAPER PRODUCTS	1,257	2,759	4,016	952
PLASTICS	2,833		2,833	
RUBBER	1,488	2,404	3,892	3,892
STEEL, ALLOY AND SPECIAL	7,101	16,093	23,194	12,777
STEEL, CARBON	34,195	5,611	39,806	27,572
STEEL, PIPE AND TUBING	46,716	11,079	57,795	5,995
STEEL, RAILS	8,006		8,006	8,003
TIN PLATE	5,140		5,140	1,142
ZINC	78		78	
TOTAL	208,114	92,625	300,739	95,772

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

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Faithfully yours,

(Signed) D. W. Bell

The President

The White House

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

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THE SECRETARY OF THE NAVY
WASHINGTON

C. F.
Lend Lease

[redacted]

[redacted]

14 AUG 1944

Dear Mr. President:

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

Respectfully submitted,

Ralph A. Bard

Acting Secretary of the Navy

X18

The President
The White House

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

ITEM	AMOUNT REQUESTED	DELIVERED PRIOR TO 1 JULY '42	DELIVERED BETWEEN JULY 1942 JULY 1944	DELIVERY SCHEDULE FOR AUG. 1944	DELIVERY SCHEDULE FOR SEPT. 1944	DELIVERY SCHEDULE FOR OCT. 1944	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
MARINE DIESEL GENERATORS	1,310	2	1,066	119	123	0	0	

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

ITEM	AMOUNT REQUESTED	DELIVERED	DELIVERY SCHEDULE FOR AUG. 1944	DELIVERY SCHEDULE FOR SEPT. 1944	DELIVERY SCHEDULE FOR OCT. 1944	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
SCRIPPS ENGINES	66	32	12	12	10	0	
RADIO BEACONS	5	0	0	0	0	5	UNSCHEDULED
MARINE DIESEL ENGINES 1100-1600 H.P.	50	0	3	6	6	35	UNSCHEDULED
MARINE DIESEL ENGINES 170-1100 H.P.	354	194	46	51	41	22	NOVEMBER 1944
MARINE DIESEL GENERATORS	1,302	179	0	107	169	847	UNSCHEDULED
MARINE PUMPS	647	498	149	0	0	0	
SHORE RADIO STATIONS	3	2	0	0	0	1	UNSCHEDULED
SALVAGE STATIONS	40	10	10	10	10	0	
ELECTRO STATIONS FOR UNDERWATER LIGHTING	60	0	0	0	0	60	NOVEMBER 1944
PNEUMATIC UNDERWATER TOOLS	60 sets	0	PARTIAL	PARTIAL	PARTIAL	PARTIAL	NOVEMBER 1944
ELECTRIC MOTORS	512	0	0	0	0	512	UNSCHEDULED
20 MM AA GUNS COMPLETE	500	500	0	0	0	0	
ROUNDS 20 MM AA AMMUNITION	2,500,000	1,339,560	100,000	100,000	100,000	860,440	UNSCHEDULED
50 CALIBER TWIN MOUNTS	900	700	200	0	0	0	
50 CALIBER AA MACHINE GUNS	1,800	1,400	400	0	0	0	
PETROLEUM PRODUCTS (SHORT TONS)	745,688	359,622	77,280	77,280	77,280	154,226	NOVEMBER - DECEMBER 1944
WOOLEN CLOTH	1,655 tons	790 tons	875 tons	0	0	0	

NON PROTOCOL ITEMS

ITEM	AMOUNT REQUESTED	DELIVERED	DELIVERY SCHEDULE FOR AUG. 1944	DELIVERY SCHEDULE FOR SEPT. 1944	DELIVERY SCHEDULE FOR OCT. 1944	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
WOODEN SUB-CHASERS	108	88	0	0	0	20	NOVEMBER-DECEMBER 1944
TWIN SCREW TUG BOATS	15	0	1	2	3	9	NOVEMBER-DECEMBER 1944
LANDING CRAFT LCM 3s	22	22	0	0	0	0	
PBN-1 AIRPLANES	138	48	30	5	5	50	NOVEMBER 1944 TO JUNE 1945

STATUS OF DELIVERY OF MATERIAL REQUISITIONED
BY THE SOVIET GOVERNMENT OF THE NAVY DEPARTMENT
(4TH PROTOCOL)

ITEM	AMOUNT REQUESTED	DELIVERED	DELIVERY SCHEDULE FOR AUG. 1944	DELIVERY SCHEDULE FOR SEPT. 1944	DELIVERY SCHEDULE FOR OCT. 1944	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
MARINE DIESEL ENGINES 75-170 H.P.	947	349	45	45	45	463	UNSCHEDULED
MARINE DIESEL ENGINES BELOW 75 H.P.	634	292	50	50	50	192	UNSCHEDULED
MARINE GASOLINE ENGINES	2,732	1,673	130	110	274	545	UNSCHEDULED
MARINE DIESEL GENERATORS	255	0	0	0	0	255	UNSCHEDULED
MARINE PUMPS	451	0	311	85	55	0	
RADIO RECEIVERS	428	103	0	0	0	325	UNSCHEDULED
STORAGE BATTERIES FOR SUBMARINES	25	9	3	3	3	7	NOVEMBER-DECEMBER 1944
KNOCKED DOWN MOTOR TORPEDO BOATS	44	0	0	0	0	44	NOVEMBER 1944 TO MAY 1945
ASSEMBLED MOTOR TORPEDO BOATS	56	0	0	0	0	56	NOVEMBER 1944 TO MAY 1945
FORGINGS FOR PROPELLER SHAFTS AND COUPLINGS	3	3	0	0	0	0	
CENTRIFUGAL FANS	47	35	12	0	0	0	
DIVING COMPRESSORS	3	3	0	0	0	0	
POTASSIUM TETRAOXIDE	1,120,000 lbs.	954,376	95,000	40,000	30,624	0	
ELECTRIC MOTORS	991	616	297	78	0	0	
RADIO BEACONS	10	0	0	0	0	10	UNSCHEDULED
ELECTRICAL TACHOMETERS	279	201	0	0	12	66	NOVEMBER-DECEMBER 1944
DIESEL ELECTRIC DRIVE SETS	6	0	0	0	0	6	UNSCHEDULED
CIRCUIT BREAKERS	100	65	15	20	0	0	

STATUS OF DELIVERY OF MATERIAL REQUISITIONED
BY THE SOVIET GOVERNMENT OF THE NAVY DEPARTMENT
(4TH PROTOCOL)

ITEM	AMOUNT REQUESTED	DELIVERED	DELIVERY SCHEDULE FOR AUG. 1944	DELIVERY SCHEDULE FOR SEPT. 1944	DELIVERY SCHEDULE FOR OCT. 1944	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
BASE SPARES FOR MARINE DIESEL ENGINES	6 sets	1 set	0	1 set	0	4 sets	NOVEMBER 1944
TIMING EQUIPMENT	25	0	0	0	0	25	UNSCHEDULED
ROTATING BEACONS	48	0	20	0	0	28	NOVEMBER 1944
CYLINDER HEADS	2	0	2	0	0	0	
SPARES FOR UNDERWATER SOUND EQUIPMENT	1 lot	0	0	0	0	1 lot	UNSCHEDULED
PROJECTORS AND TRAINING EQUIPMENT	12 sets	12 sets	0	0	0	0	
ELECTRIC HYDRAULIC STEERING GEAR	1	0	0	0	0	1	JANUARY 1945
RADIO TRANSMITTING EQUIPMENT	1 lot	0	0	0	0	1 lot	UNSCHEDULED
HIGH FREQUENCY SIGNAL GENERATORS	1 lot	0	0	0	0	1 lot	UNSCHEDULED
MAGNETIC MINESWEEPING GEAR	20 sets	PARTIAL	PARTIAL	PARTIAL	PARTIAL	PARTIAL	NOVEMBER 1944
ELECTRICAL EQUIPMENT SETS FOR RUDDER STEERING GEAR	3	0	0	0	0	3	UNSCHEDULED
BASE SPARES FOR MOTOR TORPEDO BOATS	2 sets	0	0	0	0	2 sets	UNSCHEDULED
OXYGEN PLANTS	6	0	6	0	0	0	
FLASHER REGULATORS	13	13	0	0	0	0	
DIVING STATIONS	3	0	0	0	3	0	
MM RADIO SETS	300	PARTIAL	PARTIAL	COMPLETE	0	0	
ELECTRICAL EQUIPMENT	2 lots	0	1 lot	0	0	1 lot	UNSCHEDULED
PORTABLE DECK FUEL CELLS	60	0	0	0	0	60	UNSCHEDULED

STATUS OF DELIVERY OF MATERIAL REQUISITIONED
BY THE SOVIET GOVERNMENT OF THE NAVY DEPARTMENT
(4TH PROTOCOL)

ITEM	AMOUNT REQUESTED	DELIVERED	DELIVERY SCHEDULE FOR AUG. 1944	DELIVERY SCHEDULE FOR SEPT. 1944	DELIVERY SCHEDULE FOR OCT. 1944	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
LIGHTING FIXTURES	2 lots	PARTIAL	COMPLETE	0	0	0	
PROPELLERS	3	0	0	0	0	3	UNSCHEDULED
Spare parts for Gyro Compass	6 sets	1 set	0	2 sets	2 sets	1 set	Nov. 1944
Feedwater Regulators and Valves	26	20	0	0	0	6	UNSCHEDULED
Oil Burners	60	0	0	0	0	60	UNSCHEDULED
RADAR Equipment	22	Partial	Partial	Partial	Complete	0	
Engine Instrument Equipment	1 Lot	0	0	0	0	1 Lot	UNSCHEDULED
PROPELLER SHAFT EQUIPMENT	110 sets	0	0	0	0	110 sets	UNSCHEDULED
PROPULSION MACHINERY FOR 110' SUBCHASERS	2 sets	0	0	0	0	2 sets	UNSCHEDULED
RADIO AND RADAR TENDER AND STOCK SPARES	1 lot	0	0	0	0	1 lot	UNSCHEDULED
5"/38 CALIBER SINGLE LOADING MACHINE MK 14 Mod 4 and spare parts	64	62	2	0	0	0	
SERVICE AMMUNITION FOR PROJECTOR MK 10	10,000	10,000	0	0	0	0	
SERVICE AMMUNITION FOR PROJECTOR MK 20	5,000	5,000	0	0	0	0	
5"/38 AMMUNITION	66,000	21,200	10,000	10,000	10,000	14,800	Nov.-Dec. 1944
AIR TANKS (TORPEDO) ROUGH MACHINED	1,000	0	200	175	175	450	Nov. 1944 to Jan. 1945
HYDROSTATIC COMPARTMENT CASINGS (TORPEDO) ROUGH MACHINED	50	0	50	0	0	0	

STATUS OF DELIVERY OF MATERIAL REQUISITIONED
BY THE SOVIET GOVERNMENT OF THE NAVY DEPARTMENT
(4TH PROTOCOL)

	AMOUNT REQUESTED	DELIVERED	DELIVERY SCHEDULE FOR AUG. 1944	DELIVERY SCHEDULE FOR SEPT. 1944	DELIVERY SCHEDULE FOR OCT. 1944	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
AIR TANK BOTTOMS (TORPEDO) BULKHEADS	2,000	0	400	0	0	1600	DEC. 1944 to MAY 1945
WATER COMPARTMENT BOTTOMS (TORPEDO) BULKHEADS	1,000	0	200	100	300	400	Nov.-DEC. 1944
TORPEDO TUBE HEATERS	300	74	0	0	0	226	UNSCHEDULED
AIRCRAFT TORPEDOES MK 13 MOD 1	240	0	0	0	0	240	UNSCHEDULED
TORPEDO SIGHTS FOR AIRCRAFT TORPEDOES MK 13 MOD 1	48	0	0	0	0	48	UNSCHEDULED
3"/50 CALIBER GUN BARRELS	50	0	50	0	0	0	
TELESCOPES MK 74	100	0	100	0	0	0	
BREECH BLOCK ASSEMBLIES FOR 5"/38 CALIBER GUNS	2	0	2	0	0	0	
ROLLER AND ROLLER PATH ASSEMBLIES FOR 5"/38 SINGLE GUN MOUNTS	5	0	5	0	0	0	
SPARE BARRELS FOR 5"/38 GUNS	2	0	2	0	0	0	
BREECH HOUSINGS COMPLETE WITH BREECH MECHANISMS, RECOIL, AND COUNTER RECOIL SYSTEMS FOR 5"/38 GUNS	100	81	19	0	0	0	
STAR GAUGES MK 3	4	0	0	0	4	0	
BORE SEARCHER FOR 5"/38 GUN	1	0	0	0	1	0	
BORE SEARCHER FOR 3"/50 GUN	1	0	0	0	1	0	
TELESCOPES MK 62	132	0	132	0	0	0	
TELESCOPES MK 83	132	0	132	0	0	0	

STATUS OF DELIVERY OF MATERIAL REQUISITIONED
BY THE SOVIET GOVERNMENT OF THE NAVY DEPARTMENT
(4TH PROTOCOL

ITEM	AMOUNT REQUESTED	DELIVERED	DELIVERY SCHEDULE FOR AUG. 1944	DELIVERY SCHEDULE FOR SEPT. 1944	DELIVERY SCHEDULE FOR OCT. 1944	BALANCE TO BE DELIVERED	SCHEDULE TIME OF DELIVERIES OF BALANCE
SPARE PARTS FOR MK 62 AND MK 83 TELESCOPES	1 lot	0	1 lot	0	0	0	
MODIFICATION PARTS FOR SIGHTS FOR THE 132 - 5"/38 CALIBER ASSEMBLIES	1 lot	0	0	0	0	1 lot	JANUARY 1945
JAEGER AVIATION CLOCKS	1,000	747	0	0	0	253	UNSCHEDULED
HYDROMETEOROLOGICAL INSTRUMENTS	68 items	0	25%	25%	25%	25%	NOVEMBER 1944
AERONAUTICAL RADIO TESTING EQUIPMENT	MISCELLANEOUS ITEMS	0	0	0	0	ALL	UNSCHEDULED
BEESWAX	6.79 tons	6.79 tons	0	0	0	0	
PHOSPHOROUS FLOURESCENT MATERIALS	4.5 tons	.17 tons	4.33 tons	0	0	0	
RUBBER KNEE BOOTS	86 tons	22 tons	64 tons	0	0	0	
SIGNAL FLAGS	.91 tons	0	.56 tons	.35 tons	0	0	
37/50 CALIBER LOADING MACHINES MK 7 MOD 1	100	81	19	0	0	0	

7 8/23/44

WAR PRODUCTION BOARD

WASHINGTON, D. C.

August 17, 1944

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IN REPLY REFER TO:

C. F.
Lend Lease

My dear Mr. President:

Attached hereto is the final monthly tabulation showing progress made toward fulfilment of materials and equipment production programs for the Union of Soviet Socialist Republics under the Third Protocol. Attached also is a brief summary of major problems and developments which have marked production aspects of the program during the past year.

I regret that because of unavoidable delays in the receipt of information needed for the report, it has been necessary to delay its submission to you.

Respectfully yours,

Donald M. Nelson

x4735

The President
The White House
Washington, D. C.

Attachments

x220
x4193

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By RHP, Date MAR 21 1973

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REVIEW OF PRODUCTION OF MATERIALS AND INDUSTRIAL EQUIPMENT ON USSR ACCOUNT UNDER THE THIRD RUSSIAN PROTOCOL

I. Raw Materials and Semi-Fabricated Products

For the most part, production of raw materials and semi-fabricated products during the Third Protocol year was determined not on the basis of overall U.S. supply-requirements considerations, but on the basis of availability of shipping to the USSR.

When the Third Protocol was worked out (April 1943), the USSR held in this country approximately 750,000 S.T. of various raw materials, and monthly mill deliveries were exceeding overseas shipments by an appreciable margin. In consequence, it was felt that new offers should be so formulated as to insure that production performance would be coordinated with shipping performance.

In the case of steel, chemicals, ferro-alloys, and cable--the items which accounted for the greater part of accumulated stocks--no firm production commitments were made. Tentative production goals were set up in the Protocol document, but placement of these under full schedule was made conditional upon stockpiles being reduced, a development which was not expected for many months.

Even in the case of non-ferrous metals, which were being lifted more rapidly than other materials, production offers were fixed at minimum levels because of the possibility of stocks becoming excessive.

In effect, then, no definitive materials program was included in the Third Protocol. Instead, there was set up the outlines of a program which were to be filled in only as the actual movement of goods to the USSR justified.

During the course of the Protocol year, however, overseas shipment of raw and semi-fabricated products proceeded at a pace which made possible fulfilment--from the overall tonnage standpoint--within a few percent of the materials program originally requested by the USSR. Deliveries of steel, cable, and ferro-alloys had to be held under goals set by the Soviets, but this was largely offset by over shipments in the case of chemicals, non-ferrous metals and "other materials". Actual performance during the Protocol period, as compared with original Soviet requests, and the tentative, conditional program set up in April, 1943, was as follows:

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	3rd Protocol Soviet Request	Tentative 3rd Prot.Prog. Offered by U.S.	Actual 3rd Protocol Deliveries
	(Thousands of Short Tons)		
Non-ferrous metals	237	187	310 a/
Ferro-alloys	22	15	3
Cable	138	111	85 b/
Steel	850	710	603 c/
Chemicals	204	202	229
"Other materials"	44	43	78
Total	1,495	1,268	1,308

a/ Includes 18,000 S.T. aluminum, 3,500 S.T. electrolytic nickel and 12,000 S.T. electrolytic copper made available in Canada and/or the U.S. and not shown in accompanying tabulation.

b/ The figure given for 3rd Protocol deliveries represents gross weight of cable. In the accompanying tabulation, the weight of contained copper is given.

c/ Includes 40,000 S.T. of rails produced in Canada and not shown in accompanying tabulation.

Production at the above rate was achieved not only without an increase in stockpiles, but with a sizeable decrease, stocks of materials having fallen during the Protocol year from some 750,000 S.T. to less than 400,000 S.T.

Steel represented the most important item in the materials program. While the total made available was less than requested by the USSR, the amount of new production, when taken together with the amount already produced and held in storage, was ample to meet all shipping requirements.

For the most part, the steel schedule presented few problems despite continued tightness of steel domestically. The one notable exception was rails and accessories. Mounting domestic requirements, together with a curtailment in production facilities arising from demands of the expanded shell steel program, made extremely difficult shipment of rails and accessories at the rate desired by the USSR.

With the exception of nickel, non-ferrous metals were supplied in accordance with stated Soviet requirements. The general easing of the U.S. aluminum situation made possible delivery of more than 127,000 tons during the Protocol year from the U.S. and Canada jointly. This compared with an original commitment to deliver 53,760 S.T.

Shipment of copper base alloys (cartridge brass strip, brass rod and brass tubing) totaled approximately 124,000 S.T. as against a commitment for 108,000 S.T. In addition, the U.S. and U.K. jointly furnished 28,000 S.T. of electrolytic copper to meet a spot requirement presented in January 1944.

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Because of continued uncertainties in the supply situation of the United Nations, it was not possible to supply all of the pig nickel desired by Russian representatives. However, a total of 8,230 S.T. were shipped from the U.S., the U.K. and Canada combined as compared with a promise to furnish 5,400 S.T.

With respect to chemicals, Third Protocol deliveries represented a considerable increase over the Second Protocol program. Exact figures were 229,000 S.T. against approximately 137,000 S.T.

Of the various chemical requirements presented by the USSR during the Third Protocol year, all accept a few special purpose items, such as butyl alcohol, butyl acetate and acetone, were met 100%.

The most important single chemical supplied was ethyl alcohol. The original requirement presented by the USSR was relatively very large, i.e. 107,000 S.T. To meet urgent military needs, however, the USSR asked that this be increased to 168,000 tons. As U.S. alcohol requirements were rapidly increasing during the year because of the demands of the synthetic rubber program, fulfilment of the augmented program posed serious problems, particularly since the USSR asked that a large part of its allotment be made available at west coast ports. Despite difficulties, however, the full amount desired was supplied, all available tankers being loaded on schedule.

Of the various other items included in the materials program, only tires and tubes seem to call for comment.

While the Third Protocol contained no specific commitment for tires and tubes, Soviet representatives strongly pressed for supply of 2,100,000 units each. During the first part of the Protocol period the U.S. attempted to furnish the number desired. A rapid deterioration in the domestic situation, however, made it necessary to reduce the schedule to 100,000 units per month. For the year as a whole, therefore, deliveries of only 1,313,848 tires and 1,309,798 tubes were effected.

II. INDUSTRIAL EQUIPMENT

During the Third Protocol year, U.S. industry carried Soviet industrial equipment orders totaling approximately $530,000,000, exclusive of orders accepted as an advance against the Fourth Protocol. Against the $530,000,000 of "Third Protocol orders" delivery of about $386,000,000 were effected. This meant that there was left as of June 30, 1944 a "carryover" of about $144,000,000.

The greater part of this carryover ($103,000,000) was made up of power equipment ($25,000,000), rolling mills and auxiliary equipment ($15,000,000), bearings ($9,000,000), cranes and hoists ($8,000,000), electric furnaces ($7,000,000), block signal equipment ($5,000,000), excavating equipment ($5,000,000), small cutting tools ($4,000,000), power boilers ($8,000,000), electric motors ($4,000,000), pumps ($4,000,000) machine tools ($5,000,000) and oxygen plants ($4,000,000).

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To an extent, carryovers resulted from failures to meet production goals. Because of a number of factors, notably demand for machinery needed for the recently expanded domestic shell program, continued pressure incident to the heavy truck and the landing craft programs, labor shortages, and difficulties incident to procurement of critical components, plant shipments of equipment during the last quarter of the Third Protocol period were not up to expectations. Numerous remedial steps were taken, but it was impossible for these to produce desired effects before June 30.

Primarily, however, carryovers were due to the U.S. undertaking orders which, because of lead factors, could not be completed, even under the most favorable conditions, prior to June 30. Thus, during the latter part of the Protocol year there were accepted orders for rolling mills and auxiliary equipment, electric motors, a Donets mining program, excavating equipment, and a number of similar items which physically could not be completed by the end of June. At the same time, earlier in the Fourth Protocol period certain programs, notably the power program, power boiler program, a tractor bearing program, and an electric furnace program, were placed in the schedule for Third Protocol delivery, but these, because of the large amount of critical equipment required, were actually not expected to be completed until the first months of the Fourth Protocol period. In the case of both these groups of orders, it was made clear to all parties concerned that no commitment could be made to the effect that the equipment involved could be delivered before the June 30 deadline.

Despite the fact that there is thus justification for the U.S. not having delivered as much industrial equipment as originally planned, the short fall has had a somewhat unfortunate effect. During recent months, the USSR greatly increased its overseas shipment of industrial items. Stocks, which were at a very high level as late as April 30, were rapidly depleted during May and June. At the present time, there is not as a result sufficient quantities of certain types of items to meet loading schedules.

Of the industrial equipment made available for the USSR, the most important particular items were machine tools, power plants, petroleum refinery equipment, forging presses and hammers (secondary forming and cutting machinery), bearings, small cutting tools, and cranes and hoists. These items together accounted for approximately $250,000,000 of the total of $386,000,000 delivered.

Shipment of machine tools amounted to approximately $109,000,000. This brought the total of machine tools made available since the beginning of the Soviet Lend-Lease program in October 1941 to about $260,000,000, or more than 10% of total U.S. production for the period in question. During the Third Protocol period itself, Russian shipments averaged more than 15% of total U.S. production.

Although deliveries of power equipment fell appreciably under the amount originally promised for the Protocol period, the program developed more or less in accordance with plans, once these plans were finalized. When the Third Protocol offer of $75,000,000 of power generating equipment was formulated in April 1943, it was expected that most of this amount would consist of large steam and hydro stations for which ample open capacity was available. However, it was subsequently decided by the Protocol Committee

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that greater benefit would accrue to the Soviet war effort if mobile or semi-mobile plants were furnished in place of large stations. The Committee felt that small units could be put into operation in the USSR several months earlier than heavy units. At the same time, small units could be more easily transported both overseas and overland in Russia and their usefulness would be much greater than that of heavy units in view of the fluidity of the military front in the USSR.

As small units conflicted with generating equipment, and other items, needed for navy and maritime programs, and as they required a greater number of critical components, this decision necessarily meant that production, in terms of dollar value, would be considerably less than would have been the case if a substantial quantity of large equipment had been included in the schedule.

In view of the above, it is felt that performance in connection with the power program was generally successful. Deliveries which were effected brought the total of power plants made available to the USSR since the beginning of the Second Protocol period to 442,000 KW steam plants, 266,000 KW Diesel plants, and 75,000 KW hydro plants, or to a total of 783,000 KW. While this amount of equipment is obviously only a fraction of the amount needed by the USSR for reestablishment of its power production, it nevertheless had undoubtedly played a great part in making possible the effective prosecution of the war by the USSR. Its importance has been particularly great because, as indicated above, most of the equipment has been of such nature that it could be easily moved from place to place and quickly put into operation.

In addition to completion of the items referred to above, basic engineering and fabrication was carried out in the case of some $27,000,000 of other power equipment. At the same time, work was begun on a $50,000,000 "advance Fourth Protocol" program. The progress which has been made in the case of these two groups of orders has put the U.S. in a position to undertake an overall Fourth Protocol program of more than $100,000,000, or approximately 700,000 KW.

Petroleum refinery equipment delivered during the Third Protocol period totaled $39,000,000. Included were four complete refinery plants and two desalting and dehydrating plants. The four refinery plants were capable of processing approximately 40,000 barrels of crude and gas oil per day. Worked at capacity, they would yield daily 5,900 barrels of 100 octane aviation gasoline, 750 barrels of aviation lube oil, 16,500 barrels of motor gasoline, 12,500 barrels of bunker fuel and ten tons of oil free wax. The two desalting and dehydrating plants also were capable of handling 40,000 barrels of crude per day.

Except for a few minor items, work on these refineries was finished early in the Third Protocol period and overseas shipment was effected a short time thereafter. During the latter stages of the production cycle, the equipment was allowed an over-riding priority which placed it ahead of all competing domestic programs.

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Along with completion of the above program, there was placed under production during the year additional refinery equipment totaling approximately $28,000,000 in value. Before the end of June, substantial progress in the way of engineering and basic fabrication was made on this equipment.

Other important equipment projects completed, or largely completed, during the Third Protocol period were the Ford tire plant project, the block signal system project, a cartridge manufacturing line program, an oxygen plant program, an oil well drilling program, and a power boiler program. These several programs, deliveries under which amounted to about $50,000,000, are expected to fill important gaps in the Soviet economy.

Of more importance than complete projects was the shipment of approximately $150,000,000 of bearings, fans, compressors, pumps, miscellaneous mining equipment, cranes, forging press equipment, valves, electrical equipment, electric furnaces, miscellaneous metallurgical equipment, welding machinery, various precision instruments and measuring tools, and small cutting tools. The significance of these items is that they went into maintenance and repair of existing establishments and production facilities in the USSR. It is estimated that each dollar of equipment of this type furnished by the U.S. contributed to keeping in production, or restoring to production, hundreds of dollars of machinery already possessed by the Soviets.

Besides effecting deliveries of the items discussed above, as well as largely completing some $150,000,000 of Third Protocol "carryover" orders, the U.S. placed under procurement approximately $232,000,000 of "advance Fourth Protocol orders", i.e. orders for delivery after June 30, 1944.

As pointed out previously, placement of these orders during the Third Protocol period was designed to insure that there would be no interruption in the flow of equipment items to the USSR. Included among the orders was practically every type of equipment normally required by the USSR for the maintenance of its industrial system. For most of the orders, substantial progress was made toward the completion of fabrication before the end of June. In consequence, the U.S. was in a position to undertake a much larger Fourth Protocol program than otherwise would have been possible.

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

(JUNE DELIVERY DATA SUBJECT TO REVISION)

Protocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. June 1, 1944 - June 30, 1944	Made Available at Mill in U.S.A. July 1, 1943 - June 30, 1944	Percent of 3rd Protocol Program Completed as of July 1, 1944	Balance Against Prot. Commitment as of July 1, 1944	Comments
NON-FERROUS METALS								
3	Aluminum (Ingot and Fabricated)	S.T.	35,760	6,021	107,586	301	(71,826 Excess)	Aluminum shipments to date consist of 10,216 S.T. rod and tubing; 24,066 S.T. sheet; and 73,304 S.T. ingot including secondary.
4	Nickel							
A	Pig Nickel	S.T.	3,600	392	5,075	141	(1,475 Excess)	Includes shipment on U.S. account of 800 S.T. from U.K. stocks.
B	Nickel in Monel Scrap	S.T.	274	0	274	100	0	The 274 S.T. shown as the Third Protocol production program is the quantity selected by the USSR out of a total of 600 S.T. originally offered.
C	Nickel in Steel and Other Non-Ferrous Products	S.T.	2,400	163	2,114	88	286	Contained nickel deliveries to date consist of 1,042 S.T. in steel; 610 S.T. in nichrome products; 304 S.T. in cupro-nickel strip; and 158 S.T. in various other products including pure nickel products.
5	Molybdenum	S.T.	4,000	0	4,354	109	(354 Excess)	
6	Copper, Electrolytic	S.T.	(121,400)	(12,633)	(126,969)	(105)	(5,569 Excess)	Electrolytic copper figures refer to copper contained in various materials requiring copper which are being supplied the U.S.S.R. Deliveries to date include 86,168 S.T. contained in copper base alloys; 12,653 S.T. contained in copper goods and tubes; 1,451 S.T. contained in bimetal; 17,584 S.T. contained in wire mill products; and 9,113 S.T. in refinery shapes. In addition to the copper program shown, the WPB has made arrangements for the supply of 16,800 S.T. of copper wire bars.
7	Copper Base Alloys	S.T.	107,520	4,939	123,849	115	(16,329 Excess)	

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Protocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. June 1, 1944 - June 30, 1944	Made Available at Mill in U.S.A. July 1, 1943 - June 30, 1944	Percent of 3rd Protocol Program Completed as of July 1, 1944	Balance Against Prot. Commitment as of July 1, 1944	Comments
NON-FERROUS METALS (Continued)								
8	Magnesium	S.T.	4,032	224	4,256	106	(224 Excess)	
9	Zinc	S.T.	13,440	1,120	13,440	100	0	
11	Copper Goods and Tubes	S.T.	15,000	601	12,903	86	2,097	
29	Special Non-Ferrous Alloy Wires	S.T.	100	3	119	119	(19 Excess)	Deliveries to date include .4 S.T. of tungsten alloy wire; 3.2 S.T. of constantan wire; .6 S.T. of tantalum wire; 36.2 S.T. of alumel and chromel wire; 15.9 S.T. of monel, everdur and beryllium bronze wire; 5.7 S.T. of enamelled manganin wire; 27.2 S.T. of molybdenum wire; .7 S.T. of manganin wire; 6.4 S.T. of round manganin wire; 5.3 S.T. of bare thermocouple wire; 1.6 S.T. of Kemet molybdenum wire; and 15.6 S.T. of copper magnet wire.
30	Nichrome Wire	S.T.	538	10	620	115	(82 Excess)	On urgent request of the USSR, the U.S. agreed to undertake supply of 134 S.T. in addition to the amount originally offered in the Protocol. However, due to an acute shortage of chromium metal, difficulty is being encountered in scheduling this added quantity. In consequence, it will probably be necessary to carry a large part of it over into the Fourth Protocol period.
93	Cadmium	S.T.	112	0	112	100	0	The Third Protocol cadmium commitment was originally included in the Canadian schedule, but due to a difficult supply situation in Canada, the U.S. agreed to take this over as the 112 S.T. due in the second half of the Protocol period.
94	Cobalt	S.T.	80.5	45	166.5	207	(86 Excess)	The production program shown is for the first half of the Third Protocol period. The October shipment completed the full original Protocol offer. The USSR recently requested the increase of the Protocol offering by 78 S.T. The U.K. has agreed to supply one-half of this along with the 80 S.T. included in its Protocol schedule. The U.S. will supply the remainder.

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Protocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. June 1, 1944-June 30, 1944	Made Available at Mill in U.S.A. July 1, 1943 - June 30, 1944	Percent of 3rd Protocol Program Completed as of July 1, 1944	Balance Against Prot. Commitment as of July 1, 1944	Comments
	NON-FERROUS METALS (Continued)							
	Total Non-Ferrous Metals (Excluding Item 6 - Copper Electrolytic)	S.T.	186,856.5	13,518	274,868.5	147	(88,012 Excess)	
	FERRO-ALLOYS							
12	Ferrosilicon	S.T.	-	0	57	-	-	Because of the stocks situation, Third Protocol offers to supply up to 784 S.T. of ferrosilicon and 448 S.T. of ferrochrome per month are considered inoperative.
13	Ferrochrome	S.T.	-	0	0	-	-	
85A	Ferromolybdenum	S.T.	1,456	360	1,480	102	(24 Excess)	Ferromolybdenum, ferrovanadium and ferrotungsten have been scheduled in the quantities shown under the Third Protocol production program as substitute for an equivalent tonnage of ferrosilicon and/or ferrochrome. Included in these quantities are 336 S.T. ferromolybdenum, 134 S.T. ferrovanadium, and 224 S.T. ferrotungsten which were approved for delivery in the second quarter, 1944.
86	Ferrovanadium	S.T.	358	138	362	101	(4 Excess)	
87	Ferrotungsten	S.T.	1,064	217	902	85	162	
	Total Ferro-Alloys	S.T.	-	715	2,801	-	134	
	ALLOY STEEL							
16	Polished Drill Rods							
B	High Speed	S.T.	96	3	98	102	(2 Excess)	
C	Other Alloy	S.T.	45	0	45	100	0	
17	High Speed Tool Steel	S.T.	4,480	6	4,705	105	(225 Excess)	
18	Tool Steel							
B	Alloy X12	S.T.	672	1	706	105	(34 Excess)	
C	Alloy X12M	S.T.	672	0	675	100	(3 Excess)	
D	Other Alloys	S.T.	4,850	172	5,757	119	(907 Excess)	
19	Cold Finished Bars	S.T.	11,200	773	12,657	113	(1,457 Excess)	

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Commerce Dept. Letter, 11-15-72
By RHP, Date MAR 21 1973

Protocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. June 1, 1944 - June 30, 1944	Made Available at Mill in U.S.A. July 1, 1943 - June 30, 1944	Percent of 3rd Protocol Program Completed as of July 1, 1944	Balance Against Prot. Commitment as of July 1, 1944	Comments
ALLOY STEEL (Continued)								
20	H.R. Alloy Bars and Billets	S.T.	67,267	1,964	70,921	105	(3,654 Excess)	
23	Stainless Steel							
A-B	Sheets and Strip	S.T.	3,007	45	3,677	122	(670 Excess)	
C	Bars	S.T.	756	0	614	81	142	
25	Steel Wire							
A	Ball Wire	S.T.	1,344	110	1,468	109	(124 Excess)	
B	Alloy 232	S.T.	1,344	112	1,439	107	(95 Excess)	
C	Other Alloy	S.T.	0	0	191	-	(191 Excess)	
27	Steel Alloy Tubes							
A	18% Cr. - 8% Ni.	S.T.	994	127	1,447	146	(453 Excess)	
B	4-6% Chrome	S.T.	8,625	685	10,072	117	(1,447 Excess)	
C-E	Carbon .5% Moly., Pipe Sizes	S.T.	0	318	327	-	(327 Excess)	
F	H.R. Ball Bearing Tubes	S.T.	5,376	953	7,915	147	(2,539 Excess)	
28	Stainless Steel Wire	S.T.	1,747	31	1,882	108	(135 Excess)	
29	Special Alloy Wire	S.T.	784	0	951	121	(167 Excess)	
	Total Alloy Steel	S.T.	113,259	5,300	125,547	111	(12,288 Excess)	
CARBON STEEL								
101-8	Rails, Accessories and Other Railway Material	S.T.	-	16,885	238,989	-	-	Approximately 110,000 S.T. of carbon steel have been scheduled for delivery prior to June 30, 1944 in addition to the 345,397 S.T. originally included in the Third Protocol program.
10	Copper Clad Strip (Bimetal)	S.T.	-	1,035	11,913	-	-	
16A & 18A	Plain Carbon Tool Steel and Drill Rod	S.T.	-	297	7,884	-	-	
19D	Plain Carbon Bullet Core	S.T.	-	0	11,736	-	-	
24	Tinplate	S.T.	-	688	47,019	-	-	
-	Other Carbon Steel	S.T.	-	19,164	120,320	-	-	
	Total Carbon Steel	S.T.	345,397	38,069	437,861	127	(92,464 Excess)	

[redacted]

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E.O. 11652, Sec. 5(B) and 5(D) or (E)
Commerce Dept. Letter, 11-15-79
By RHP, Date
MAR 21 1973

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Disclosure ... Act

Protocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. June 1, 1944 - June 30, 1944	Made Available at Mill in U.S.A. July 1, 1943 - June 30, 1944	Percent of 3rd Protocol Program Completed as of July 1, 1944	Balance Against Prot. Commitment as of July 1, 1944	Comments
CHEMICALS								
36	Phenol	S.T.	-	132	10,350	-	-	
38	Ethylene Glycol	S.T.	-	0	650	-	-	
45	Methanol	S.T.	-	0	3,395	-	-	
46	Urotropine	S.T.	-	75	6,374	-	-	
61A1	Glycerine	S.T.	6,720	0	7,707	115	(987 Excess)	
61A3	Caustic Soda	S.T.	40,320	0	29,391	73	10,929	
38A	Ethyl Alcohol	S.T.	107,520	0	146,996	137	(39,476 Excess)	61,600 S.T. of ethyl alcohol have been scheduled for delivery during the Third Protocol period in addition to the 107,520 S.T. originally included in the Third Protocol program.
61A5	Acetone	S.T.	5,137	150	5,834	114	(697 Excess)	
61A	Other Chemicals	S.T.	12,096	3,913	18,148	150	(6,052 Excess)	
	Total Chemicals	S.T.	-	4,270	228,845	-	-	
MARINE AND SUBMARINE CABLE								
1	Marine Cable	KM.	784	41	650	83	134	
2	Submarine Cable	KM.	319	0	181	57	138	
	Total Marine and Submarine Cable	KM.	1,103	41	831	75	272	
POWER AND RELATED CABLE								
74	Insulated Cable and Wire (Copper Content)	S.T.	-	466	13,994	-	-	
74A	Bare Cable and Wire (Copper Content)	S.T.	-	323	2,751	-	-	
	Total Power and Related Cable	S.T.	21,000	789	16,745	80	4,255	

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Disclosure ... Act

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Commerce Dept. Letter, 11-14-72
By RHP, Date MAR 21 1973

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Disclosure Prohibited Under Espionage Act

Protocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. June 1, 1944 - June 30, 1944	Made Available at Mill in U.S.A. July 1, 1943 - June 30, 1944	Percent of 3rd Protocol Program Completed as of July 1, 1944	Balance Against Prot. Commitment as of July 1, 1944	Comments
MISCELLANEOUS MATERIALS ITEMS								
80	Sheet Fibre	S.T.	1,000	0	1,467	147	(467 Excess)	
83	Parchment Paper	S.T.	-	0	67	-	-	
83A1	Lithograph Map Paper	S.T.	-	680	3,365	-	-	
83A	Condenser Paper	S.T.	73	13	109	149	(36 Excess)	
83B	Cigarette Paper	S.T.	-	-	-	-	-	To date no requisitions have been submitted against the 336 S.T. originally offered in the Protocol.
INDUSTRIAL AND RELATED EQUIPMENT								
V-1	Engines and Turbines, General Purpose	$	5,643,412	183,187	3,929,827	70	1,713,585	See attached text for comments.
V-2	Compressors (Air & Gas)	$	7,358,034	437,019	4,155,045	56	3,202,989	
V-3	Pumps (Liquids)	$	8,544,835	331,625	4,859,421	57	3,685,414	
V-4	Crushing, Pulverizing, Screening & Mixing Machinery & Equipment	$	4,346,498	1,475	3,886,346	89	460,152	
V-5	Conveyors & Conveying Systems	$	1,100,463	521,816	993,299	90	107,164	
V-6	Cranes, Derricks, Hoists and Winches	$	18,619,905	1,370,415	11,092,881	60	7,527,024	
V-7	Industrial Trucks, Tractors, Trailers, Stackers & Access.	$	507,372	306,895	776,097	153	(268,725 Excess)	
V-8	Fan & Blower Equipment Industrial	$	3,123,166	0	495,211	16	2,627,955	
V-9	Mechanical Power Transmission Equipment	$	7,300	0	7,300	100	0	
V-10	Bearings	$	19,730,603	721,703	10,840,615	55	8,889,988	
V-11	Valves & Steam Specialties	$	3,953,601	48,530	2,332,037	59	1,621,564	
V-12	Misc. General Purpose Industrial Machinery & Equipment	$	3,424,434	37,749	2,805,158	82	619,276	

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E.O. 11652, Sec. 5(B) and 5(D) or (E)
Commerce Dept. Letter, 11-15-73
By RHP, Date MAR 21 1973

Protocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. June 1, 1944 - June 30, 1944	Made Available at Mill in U.S.A. July 1, 1943 - June 30, 1944	Percent of 3rd Protocol Program Completed as of July 1, 1944	Balance Against Prot. Commitment as of July 1, 1944	Comments
	INDUSTRIAL AND RELATED EQUIPMENT (Continued)							
V-13A	Electrical Rotating Equipment Excluding Generator Sets Including Motor Generator Sets	$	8,283,153	9,846	4,647,525	56	3,635,628	
V-13B	Generator Sets & Plants	$	70,068,658	3,347,658	44,819,753	64	25,248,905	
V-14	Primary Electric Power Transmission & Distribution Equipment	$	2,784,346	365,299	1,575,253	57	1,209,093	
V-15	Power Conversion Equipment (Non-Rotating Rectifiers)	$	6,680,344	0	4,079,738	61	2,600,606	
V-16	Secondary Distribution Equipment & Wiring Devices	$	581,404	0	343,032	59	238,372	
V-17	Motor Starters & Controllers	$	109,752	0	89,950	82	19,802	
V-18	Electric Lamps	$	14,992	0	14,992	100	0	
V-19	Misc. Electrical Equipment	$	867,853	11,525	580,986	67	286,867	
V-20	Food Products Machinery	$	805,972	35,150	582,209	72	223,763	
V-21	Textile Industries Machinery	$	234,217	0	219,216	94	15,001	
V-22	Pulp & Paper Industry Machinery	$	69,362	0	63,862	92	5,500	
V-23	Printing Trade Machinery & Equipment	$	6,570	0	0	0	6,570	
V-24A	Tire Plant	$	9,524,519	66,080	9,526,166	100	(1,647 Excess)	
V-24B	Rubber Working Machinery							
V-25	Woodworking Machinery	$	641,809	37,809	552,640	86	89,169	
V-26	Metal Melting & Heating Furnaces	$	15,748,912	519,630	8,850,083	56	6,898,829	
V-27	Roasting, Sintering, Blast & Reverberatory Furnaces	$	3,578,204	75,691	2,406,198	67	1,172,006	

SECRET

Protocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. June 1, 1944 - June 30, 1944	Made Available at Mill in U.S.A. July 1, 1943 - June 30, 1944	Percent of 3rd Protocol Program Completed as of July 1, 1944	Balance Against Prot. Commitment as of July 1, 1944	Comments
INDUSTRIAL AND RELATED EQUIPMENT (Continued)								
V-28	Foundry Equipment	$	888,286	99,173	357,265	40	531,021	
V-29	Special Industry Furnaces Kilns and Ovens	$	2,676,900	52,590	90,998	3	2,585,902	
V-30A	Petroleum Refinery Plants	$	38,248,460	363,383	38,611,843	101	(363,383 Excess)	
V-30B	Petroleum Refinery Machinery & Equipment	$	218,238	0	185,792	85	32,446	
V-31	Special Machinery for the Glass Industry	$	1,536,315	0	211,517	14	1,324,798	
V-32	Special Machinery for Chemical Industry	$	1,527,129	1,219	506,494	33	1,020,635	
V-33	Gas Generating Conditioning & Other Gas Producing Apparatus	$	11,287,596	1,864,254	7,019,211	62	4,268,385	
V-34A	Misc. Special Industry Machines	$	5,683,376	184,070	4,165,812	73	1,517,564	
V-34B	Cartridge Manufacturing Lines	$	9,784,071	0	9,737,904	100	46,167	
V-35	Machine Tools	$	114,000,000	4,127,000	108,579,606	95	5,420,394	
V-36	Rolling Mills & Auxiliary Equipment	$	22,939,703	511,404	7,844,126	34	15,095,577	
V-37	Drawing Machines	$	2,291,118	54,019	1,116,955	49	1,174,163	
V-38	Other Primary Metal Forming Machinery & Equipment	$	242,808	0	242,808	100	0	
V-39	Secondary Metal Forming & Cutting Machinery & Equipment	$	24,000,000	1,500,000	22,927,895	96	1,072,105	
V-40	Welding Machinery	$	5,728,753	139,873	3,490,546	61	2,238,207	
V-41	Testing & Measuring Machines (Metal working)	$	2,692,196	229,007	1,212,675	45	1,479,521	
V-42	Misc. Metal-working Equipment	$	0	0	0	0	0	
V-43	Portable Metal-working Machines and Tools Power Driven	$	1,682,131	19,433	1,214,873	72	467,258	
V-44A	Cemented Carbide Cutting Tools for Machine Tools	$	2,835,134	430,362	2,632,555	93	202,579	

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

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Disclosure Prohibited Under Espionage Act

Protocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. June 1, 1944 - June 30, 1944	Made Available at Mill in U.S.A. July 1, 1943 - June 30, 1944	Percent of 3rd Protocol Program Completed as of July 1, 1944	Balance Against Prot. Commitment as of July 1, 1944	Comments
INDUSTRIAL AND RELATED EQUIPMENT (Continued								
V-44B	Cutting Tools for Machine Tools Except Cemented Carbide	$	14,441,964	436,634	10,740,019	74	3,701,945	
V-45	Cutting & Forming Tools for Metal Forming Machines	$	12,254	0	0	0	12,254	
V-46	Attachments and Accessories for Machine Tools	$	2,385,175	105,176	1,633,109	68	752,066	
V-47	Tool Room Specialties and Other Attachments and Accessories for Metal-working Tools	$	26,163	22,600	22,600	86	3,563	
V-48	Agricultural Machinery & Implements Except Tractors	$	715,835	81,237	574,178	80	141,657	
V-49	Mining & Quarrying Machinery	$	633,495	0	379,440	60	254,055	
V-50	Earth & Rock Boring & Drilling Machinery & Accessories	$	4,614,826	799,697	3,134,040	68	1,480,786	
V-51	Well and Blast Hole Drilling Machines	$	2,556,870	30,615	1,879,657	74	677,213	
V-52	Excavating & Dredging Machines	$	7,854,126	146,537	2,726,806	35	5,127,320	
V-53	Miscellaneous Construction Equipment	$	813,305	0	821,187	101	(7,882 Excess)	
V-54	Office Machines	$	600	0	0	0	600	
V-55	Miscellaneous Machinery	$	729,777	1,060	476,262	65	253,515	
V-58B	Teletype Apparatus	$	1,139,605	64,748	659,698	58	479,907	
V-58C	Telephone & Telegraph Equipment	$	11,706,729	271,507	8,718,006	74	2,988,723	
V-58D	Sound Equipment, Public Address & Recording & Reproducing	$	249,690	8,220	195,099	78	54,591	
V-58E	Block Signal System	$	10,958,761	231,966	6,039,111	55	4,919,650	
V-59A	Industrial Type Locomotives Cars & Parts	$	1,641,086	0	263,934	16	1,377,152	
V-59B	Mine Type Locomotives Rail Cars & Parts	$	120,969	0	98,899	82	22,070	

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Commerce Dept. Letter, 11-14-72
By RHP, Date MAR 21 1973

[redacted]
Disclosure Prohibited Under Espionage Act

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Disclosure Prohibited Under Espionage Act

Protocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. June 1, 1944 - June 30, 1944	Made Available at Mill in U.S.A. July 1, 1943 - June 30, 1944	Percent of 3rd Protocol Program Completed as of July 1, 1944	Balance Against Prot. Commitment as of July 1, 1944	Comments
INDUSTRIAL AND RELATED EQUIPMENT (Continued)								
V-60	Passenger Vehicles and Parts	$	95,130	4,510	27,716	29	67,414	
V-61	Air Conditioning & Refrigeration Equipment	$	39,565	0	27,563	70	12,002	
V-62	Lighting Fixtures	$	146,182	696	16,459	11	129,723	
V-63	Photographic Equipment	$	361,458	8,545	310,867	86	50,591	
V-64	Optical, Indicating, Recording & Controlling Instruments	$	2,822,447	154,081	1,749,489	62	1,072,958	
V-65	Professional & Scientific Instruments	$	804,211	62,108	423,703	53	380,508	
V-66	Miscellaneous Equipment	$	115,560	3,380	123,604	107	(8,044 Excess)	
V-67	Hand Tools, Non-Powered	$	728,814	33,054	378,831	52	349,983	
V-68	Mechanics Measuring Tools	$	2,864,440	63,828	1,548,102	54	1,316,338	
V-69	Power Boilers	$	16,570,506	52,582	8,130,055	49	8,440,451	
	Total Industrial and Related Equipment Including Equipment Not Committed for Delivery during the Third Protocol period.	$	529,771,447	20,586,772	385,772,149	73	143,999,298	
	Total Industrial and Related Equipment Committed for Delivery during the Third Protocol Period.	$	432,000,000	20,586,772	385,772,149	89	46,227,851	

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

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Disclosure Prohibited Under Espionage Act

SECRET
Penalties Under Espionage Act

Protocol Item No.	Item	Unit	3rd Protocol Production Program	Made Available at Mill in U.S.A. June 1, 1944 - June 30, 1944	Made Available at Mill in U.S.A. July 1, 1943 - June 30, 1944	Percent of 3rd Protocol Program Completed as of July 1, 1944	Balance Against Prot. Commitment as of July 1, 1944	Comments
MISCELLANEOUS EQUIPMENT ITEMS								
67A	Abrasive Grain	S.T.	4,000	272	7,975	199	(3,975 Excess)	
67B	Abrasive Products	$	4,000,000	147,986	3,916,745	98	83,255	
68A	Graphite Electrodes	S.T.	5,757	459	6,426	112	(669 Excess)	
68B	Other Graphite Goods	S.T.	1,691	19	778	46	913	
68C	Graphite Powder	S.T.	1,120	0	1,913	171	(793 Excess)	
78	Tires, Tubes, Other Rubber Products (Rubber Content)	S.T.	40,320	1,097	30,580	76	9,740	
82	Metallic Cloth and Screen	$	1,000,000	54,550	774,002	77	225,998	

War Production Board
Foreign Division
Program Review Branch
July 21, 1944

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

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PSF

C. F.

Lend Lease

WAR FOOD ADMINISTRATION

WASHINGTON 25

THE WHITE HOUSE
AUG 22 1 40 PM '44
RECEIVED

Filed by Miss Batchelder
8-24-44

MARVIN JONES
ADMINISTRATOR

August 21, 1944

[redacted]

Soviet File

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The President
The White House

Dear Mr. President:

Your Soviet Protocol Committee approved on August seventh the War Food Administration offer of approximately 1,926,000 short tons of foodstuffs and related products to be delivered to the USSR in 1944-'45. This Fourth Protocol offer represents 98.8% of the total Russian request. It is 96% of the offer made in the Third Protocol but 109% of the tonnage the Russians were able to lift under the Third Protocol.

There is a change in emphasis from grains and grain products in deliveries under the Third Protocol to protein foods and fats in the program for the Fourth -- largely because the Russians have been able to plant grain crops in recently liberated areas, and also because they will be able to secure a substantial quantity of cereals from Canada in the coming year.

Commodity	Third Protocol Deliveries	Fourth Protocol Russian Request	Fourth Protocol WFA Offer
Wheat, Flour, and Cereals	488,000	394,000	394,000
Sugar	296,000	350,000	350,000
Canned Meat	273,000	420,000	358,000
Butter	49,000	90,000	40,000
Animal Fats and Cured Meat	235,000	250,000	290,000
Vegetable Oil	220,000	225,000	225,000
Concentrates	171,000	156,000	205,000
Seeds	9,000	34,000	34,000
Other Agricultural Commodities	20,000	30,000	30,000
Total Short Tons	1,761,000	1,949,000	1,926,000*

We have offered quantities of lard, milk, and cheese in excess of requests to compensate for our inability to supply the canned corned beef and the total amount of butter requested by the Russians.

July deliveries to the USSR totaled approximately 125,000 short tons, an increase of 42,000 tons over June deliveries due largely to additional shipping space being allotted to food in July. Deliveries to the Arctic, which begin in late June and continue through August, made up 25% of the July deliveries.

* Actual offer totals 1,927,208.5. Categories subject to August revision.

x4193
x220
x892

The change in emphasis from grain products to protein foods and fats is reflected in the delivery figures of the first month of the Fourth Protocol. The 23,000 tons of vegetable oil delivered exceeded the monthly requirement by 4,000 tons and the June delivery figure by 6,000 tons. Although the 26,000 tons of canned meat and the 16,000 tons of animal fats and cured meat delivered were less than the monthly requirements, they exceeded the June deliveries by 9,000 and 12,000 tons respectively. On the other hand, of the 33,000 ton monthly requirement of wheat, flour, and cereals, 24,000 tons were delivered; and there were no deliveries of soya flour and grits against the 5,000 ton monthly requirement.

Respectfully,

Marvin Jones

Administrator

x1-7H

Attachments

[redacted] CONFIDENTIAL

REPORT NUMBER I
SHIPMENT OF AGRICULTURAL COMMODITIES
TO THE U.S.S.R.
December, 1941 - July 31, 1944
(Net Short Tons)

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

Table I

Commodity	4th Protocol Requirements By Month	DELIVERIES July, 1944	DELIVERIES June, 1944	4th Protocol Total Requirements	4th Protocol Cumulative Deliveries	3rd Protocol Deliveries 7/1/43-6/30/44	2nd Protocol Deliveries 7/1/42-6/30/43	1st Protocol Deliveries 12/41-6/30/42
Wheat, Flour, Cereal, Etc.	32,833	24,170.75	20,674.50	394,000	24,170.75	487,746.04	345,438	107,711.10
Sugar	29,167	19,875.30	13,691	350,000	19,875.30	295,861	114,171	85,127
Canned Meat	29,833	26,237.38	16,902	358,000	26,237.38	272,912	188,858.60	43,627
Butter /A	2,208	3,194.10	1,005	26,500	3,194.10	40,534	7,923	1,668
Carter's Spread	1,125	1,653	1,986	13,500	1,653	9,014	-	-
Animal Fats and Cured Meat	24,167	16,009	4,287	290,000	16,009	234,766	130,457	41,288
Vegetable Oil	18,750	23,170	16,743	225,000	23,170	219,766	103,668	18,575
Dried Milk	2,917	1,082	597	35,000	1,082	33,026	16,206	-
Cheese	1,417	391	582	17,000	391	15,787	4,459	-
Canned Milk	1,250	409	430	15,000	409	7,105	5,821	-
Dried Eggs	5,000	2,750	1,253	60,000	2,750	38,863	22,286	8,961
Dehy. & Conc. Soups, Veg. & Cereals, Including Soya	833	209.32	634.55	10,000	209.32	17,131.58	1,738	-
Concentrated Juices	167	5.15	4.20	2,000	5.15	1,347.60	692	-
Veg. Pulps, Pastes & Purees	500	33	154	6,000	33	3,247	195	-
Soya Flour & Grits	5,000	-	510	60,000	-	54,614	2,841	-
Other Agricultural Commodities /B	5,333	5,756.69	3,333.92	64,000	5,756.69	29,530.20	27,206.21	1,758
TOTAL	160,500	124,945.69	82,787.17	1,926,000	124,945.69	1,761,250.42	971,959.81	308,715.10

/A Includes Butter Oil.

/B This report reflects Soap in Other Agricultural Commodities.

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[redacted]

STATUS OF U.S.S.R. PROGRAM
As of July 31, 1944
(Net Short Tons unless Otherwise Noted)

Table 2

REGRADED UNCLASSIFIED

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

Commodity	Cumulative Action Requisitions	CLEARANCES: Cumulative to June 30, '42	July 1, '42 to June 30, '43	July 1, '43 to March 31, '44	April 1, '44 to June 30, '44	July, 1944: U.S.S.R.	July, 1944: Arctic	Cumulative to July 31, 1944
WHEAT, FLOUR, CEREAL, ETC.								
Wheat	154,560	29,298	-	26,144	320	-	-	55,762
Cracked Wheat	12,764	1,121	9,885	45.15	-	-	-	11,051.15
Rye Flour	44,831	41	11,618	8,823	7,360	22	2,919	30,783
Wheat Flour	683,625	60,303	168,797	249,170	45,881	1,407	11,678	537,236
Barley, Pearl	2,900	-	2,797	3,073	188.50	7	634	6,699.50
Rice	98,119	-	22,667	21,926	3,840	1,846.40	1,706.45	51,985.85
Semolina	39,477	1,049	14,715	6,537	1,804	324	1,534	25,963
Barley, Cereal, Roasted	990	40	150	-	-	-	-	190
Buckwheat Cereal	1,699	8	127	90.25	-	-	198	423.25
Oat Cereal	38,016	2,352	14,852	5,169	318	49.10	478.40	23,218.50
Cereals, Various	15,904	-	911	20.14	-	-	-	931.14
Beans, Dried	269,334	13,499	90,887	81,650	7,992	465.20	816.20	195,309.40
Peas, Dried	68,276	.10	8,032	16,404	991	-	86	25,513.10
TOTAL	1,430,495	107,711.10	345,438	419,051.54	68,694.50	4,120.70	20,050.05	965,065.89
SUGAR								
Sugar	602,341	85,127	113,262	166,892	47,784	17,992	558	431,615
Tablet Sugar	123,731	-	909	49,626	31,559	119.55	1,205.75	83,419.30
TOTAL	726,072	85,127	114,171	216,518	79,343	18,111.55	1,763.75	515,034.30
MEAT, CANNED								
Meat, Canned	472,424	43,627	188,149	94,219	22,018	10,981.63	-	358,994.63
Tushonka	254,853	-	-	107,446	42,235	12,312.58	803.65	162,797.23
Beef, Dehydrated a/	21	-	.60	4.50	-	-	-	5.10
Pork, Dehydrated b/	22,072	-	709	4,991.50	1,998	2,139.52	-	9,838.02
TOTAL	749,370	43,627	188,858.60	206,661	66,251	25,433.73	803.65	531,634.98

Commodity	Cumulative Action Requisitions	CLEARANCES: Cumulative to June 30, '42	July 1, '42 to June 30, '43	July 1, '43 to March 31, '44	April 1, 1944 to June 30, '44	July, 1944: U.S.S.R.	July, 1944: Arctic	Cumulative to July 31, '44
BUTTER								
Butter, Salted	78,369	1,668	7,923	39,529	44	14	983	50,161
Butter Oil	7,240	-	-	-	961	1,311.60	885.50	3,158.10
TOTAL	85,609	1,668	7,923	39,529	1,005	1,325.60	1,868.50	53,319.10
CARTER'S SPREAD								
Carter's Spread	21,200	-	-	2,481	6,533	1,653	-	10,667
ANIMAL FATS AND CURED MEAT								
Fat Cuts	175,545	-	-	98,214	21,628	10,161	95	130,098
Lard and Rendered Fats c/	416,991	32,390	49,942	88,736	21,790	4,829	105	197,792
Cured Meat	117,790	8,898	80,515	4,264	134	68	751	94,630
TOTAL	709,326	41,288	130,457	191,214	43,552	15,058	951	422,520
VEGETABLE OIL								
Oleomargarine	59,160	-	4,936	32,274	3,827	-	-	41,037
Shortening	50,229	-	12,753	12,493	740	962	-	26,948
Vegetable Oil	463,499	18,575	85,979	121,087	49,345	21,699	509	297,194
TOTAL	572,888	18,575	103,668	165,854	53,912	22,661	509	365,179
DRIED MILK								
Skim Milk, Dry	58,714	-	15,545	22,368	2,403	754	-	41,070
Whole Milk, Dry	16,569	-	661	7,383	872	286	42	9,244
TOTAL	75,283	-	16,206	29,751	3,275	1,040	42	50,314
CHEESE								
Cheese	17,508	-	3,915	3,675	20	-	-	7,610
Processed Cheese	20,067	-	544	11,041	1,051	391	-	13,027
TOTAL	37,575	-	4,459	14,716	1,071	391	-	20,637

Commodity	Cumulative Action Requisitions	CLEARANCES: Cumulative to June 30, '42	July 1, '42 to June 30, '43	July 1, '43 to March 31, '44	April 1, '44 to June 30, '44	July, 1944: U.S.S.R.	July, 1944: Arctic	Cumulative to July 31, 1944
CANNED MILK								
Sweetened Condensed Milk	17,869	-	5,821	5,807	1,244	59	350	13,281
Evaporated Milk	120	-	-	54	-	-	-	54
TOTAL	17,989	-	5,821	5,861	1,244	59	350	13,335
EGGS, DRIED								
Eggs, Dried	115,255	8,961	22,286	30,716	8,147	2,699	51	72,860
DEHYDRATED AND CONCENTRATED SOUPS, VEGETABLES, CEREALS, INCLUDING SOYA								
Dehydrated Soup	7,952	-	310	1,814	-	-	-	2,124
Dehydrated Vegetable Soup	3,456	-	-	890	168	-	-	1,058
Dry Soup Powder	4,145	-	25	3,836	50	-	-	3,911
Beets, Dehydrated	330	-	-	41.53	15	-	35	91.53
Cabbage, Dehydrated	573	-	-	.03	17	-	39	56.03
Carrots, Dehydrated	3,639	-	40	1,033	18.34	-	44	1,135.34
Garlic, Dehydrated	2,061	-	19	453	74	-	.87	546.87
Onions, Dehydrated	3,103	-	13	67	40	-	.45	120.45
Potatoes, Irish, Dehydrated	3,152	-	97	1,166	65	-	90	1,418
Other Vegetables, Dehydrated	2,044	-	-	368.13	-	-	-	368.13
Onion Powder	421	-	55	180	.55	-	-	235.55
Tomato Powder	1,336	-	20	-	258	-	-	278
Concentrated Cereal Food	12,285	-	1,159	5,216	1,361	-	-	7,736
TOTAL	44,497	-	1,738	15,064.69	2,066.89	-	209.32	19,078.90
CONCENTRATED JUICES								
Concentrated Grapefruit Juice	762	-	-	65	-	-	-	65
Concentrated Lemon Juice	1,965	-	124	412.40	3.50	.15	1.90	541.95
Concentrated Orange Juice	3,847	-	568	864	2.70	.10	3	1,437.80
TOTAL	6,574	-	692	1,341.40	6.20	.25	4.90	2,044.75

Commodity	Cumulative Action Requisitions	CLEARANCES: Cumulative to June 30, '42	July 1, '42 to June 30, '43	July 1, '43 to March 31, '44	April 1, '44 to June 30, '44	July, 1944: U.S.S.R.	July, 1944: Arctic	Cumulative to July 31, '44
VEGETABLE PULPS, PASTES, & PUREES								
Tomato Paste or Puree	10,156	-	195	2,964	283	14	19	3,475
SOYA FLOUR AND GRITS								
Soya Flour and Grits	147,638	-	2,841	51,345	3,269	-	-	57,455
OTHER AGRICULTURAL COMMODITIES								
Acetic Acid	68	-	144	-	-	.60	-	144.60
Alcohol	2	-	-	-	-	-	-	-
Almonds	422 #	-	-	468 #	-	-	-	468 #
Aneurin	31	-	15	7	19.50	-	-	41.50
Apples, Fresh	61	-	-	35	7	-	15	57
Army Ration K	2,016	-	-	418	-	-	-	418
Ascorbic Acid (Vitamin C)	331	-	19.70	35.54	66.50	4.70	9 #	9# 126.44
Ascorbic Acid (Tablets)	4.88 M/T	-	.50M/T	-	-	-	-	.50 M/T
Baked Beans	175	-	145	19.13	-	-	11	175.13
Baking Soda	43	-	13.70	9.60	-	-	-	23.30
Banana Powder	56	-	-	-	-	-	-	-
Barley Fodder	21,361	1,393	2,275	3,147	2,344	-	2,301	11,460
Bean Sacks	1.20	-	-	-	-	-	-	-
Beef Extract	269	-	112	-	-	-	-	112
Beef Sets, Dry	6	-	-	-	-	-	-	-
Carotene	808 BIU	-	343 BIU	228.14 BIU	16.25 BIU	-	-	587.39BIU
Chicory	3	-	.20	3	-	-	-	3.20
Chocolate - Ration D	956	-	3	355	56	56	-	470
Citric Acid	1,417	85	430	586.18	30.58	-	3	1,134.76
Citric Extract	1	-	28	-	-	-	-	28
Cocoa	3	-	-	2.90	-	-	-	2.90
Coffee	67	-	-	20	.61	-	22	42.61
Coffee Beans, Green	8,400	-	2,728	4,032	-	-	-	6,760
Coffee Substitute	23	-	-	1.60	-	-	-	1.60
Concentrated Foods	66	-	66	-	-	-	-	66
Cornstarch	432	-	366	26	7	-	23	422
Cucumber Pickles	72	-	-	67	-	-	8	75

Commodity	Cumulative Action Requisitions	CLEARANCES: Cumulative to June 30, '42	July 1, '42 to June 30, '43	July 1, '43 to March 31, '44	April 1, '44 to June 30, '44	July, 1944: U.S.S.R.	July, 1944: Arctic	Cumulative to July 31, '44
OTHER AGRICULTURAL COMMODITIES (Cont'd)								
Dextrines	9	-	-	-	-	-	-	-
Ergosterol	.84	-	-	440 #	529 #	194 #	-	1,163 #
Essential Oils	66	-	23	1.10	12.49	-	-	36.59
Fish, Pilchards	22	-	-	22	-	-	-	22
Salmons	327	-	-	122	-	-	-	122
Fish Liver Oil (Vitamin A)	47.20 T/U	-	-	4.63 T/U	6.52 T/U	5.13 T/U	-	16.28 T/U
(Vitamin D)	1 T/U	-	-	-	-	-	-	-
Fruit, Canned	77	-	4	17	-	-	11	32
Fruit, Mixed, Dried	952	-	562	299.36	67	-	230	1,158.36
Fruit Extract	8	-	2	1.88	-	-	-	3.88
Fruit Syrup	1	-	.70	-	-	-	-	.70
Garlic, Fresh	34	-	2	35	-	-	-	37
Gelatin	3	-	.61	1.48	-	-	-	2.09
Grapefruit, Lemon, Oranges, Fresh	152	-	8	15	1.90	-	9	33.90
Hazel Nuts, Shelled	3,638	-	-	3,696	-	-	-	3,696
Hops	19	-	19	-	-	-	-	19
Kola Nuts	57	57	-	-	-	-	-	57
Linseed Oil, Drying	1,171	-	28	-	-	-	-	28
Macaroni	306	-	39	85	-	7	33	164
Millrun	342	-	475	-	-	-	-	475
Multi-Vitamin Tablets	630.10 M/T	-	-	-	24.65 M/T	10 M/T	-	34.65 M/T
Nicotinamide	74	-	-	-	12	3.64	-	15.64
Nicotinic Acid	103	-	-	7# 6	-	7	-	7# 13
Nutritional Yeast	102	-	-	34	60.50	-	20 #	20# 94.50
Oat Fodder	6,567	150	1,772	134	-	-	-	2,056
Oil Cake	-	-	215	-	-	-	-	215
Onions, Fresh	178	-	-	26	19	-	57	102
Pine Oil	13	-	-	8	156	-	-	164
Pepper	22	-	6	281	407 #	220 #	4.67#	627# 291.67
Potatoes, Fresh	2,200	-	-	952	122	-	278	1,352
Riboflavin	2.50	-	32 #	47 #	10 #	489 #	-	578 #
Salt	24,156	-	1,506	320	269	5.50	22	2,122.50
Seed, Cryptostegia	15 #	-	15 #	-	-	-	-	15 #
Seeds, Field	18,594	-	6,955	20.75	296	-	-	7,271.75
Seeds, Guayula	.56	-	-	-	-	-	-	-
Seeds, Oil Bearing Plants	448	-	-	-	-	-	-	-
Seeds, Tobacco	2	-	-	42 #	-	-	-	42 #
Seeds, Vegetable	70,435	73	2,170	7,762	291	1,119	-	11,415

Commodity	Cumulative Action Requisitions	CLEARANCES: Cumulative to June 30, '42	July 1, '42 to June 30, '43	July 1, '43 to March 31, '44	April 1, '44 to June 30, '44	July, 1944: U.S.S.R.	July, 1944: Arctic	Cumulative to July 31, '44
OTHER AGRICULTURAL COMMODITIES (Cont'd):								
Soap	46,777	-	4,938	1,201.12	184	97	813	7,233.12
Soups, Vegetable, Canned	1,787	-	965	566.21	32	-	209	1,772.21
Soya Sauce	4	-	4	-	-	-	-	4
Spices, Other d/	53	-	64	85.85	.84	.22	3.30	154.21
Stearin Candles	466	-	99	148.12	25	-	171	443.12
Tea	1,225	-	661	249	6	.46	116.60	1,033.06
Vanilla	23	-	2# .30	12 #	14 #	-	-	28# .30
Vanillin	24	-	2 #	9.46	2 #	-	-	4# 9.46
Vinegar	5,466	-	18	222	281 #	-	2	281# 242
Walnuts, Shelled	3	-	3	-	-	-	-	3
Wheat Bags	-	-	-	-	2.50	-	-	2.50
Yeast, Dry	1,525	-	321	341.50	14	113	-	789.50
Yeast Tablets	107.30 M/T	-	7.19 M/T	45.61 M/T	58.50 M/T	12 M/T	-	123.30 M/T
TOTAL	223,295.10	1,758	27,206.21	25,427.78	4,102.42	1,414.12	4,342.57	64,251.10
GRAND TOTALS	4,973,222.10	308,715.10	971,959.81	1,418,495.41	342,755.01	93,980.95	30,964.74	3,165,871.02
	437 #	-	51 #	1,016 #	1,243 #	903 #	29 #	3,242 #
	742.38 M/T	-	7.69 M/T	45.61 M/T	83.15 M/T	22 M/T	-	158.45 M/T
	48 T/U	-	-	4.63 T/U	6.52 T/U	5.13 T/U	-	16.28 T/U
	808 BIU	-	343 BIU	228.14 BIU	16.25 BIU	-	-	587.39 BIU

a/ Previous to July 1, 1943 included in Canned Meat.
b/ 1 ton of Dehydrated Meat Equivalent to 3.17 tons of Canned Meat.
c/ Lard, Tallow, Oleo Oil, and Rendered Pork Fat.
d/ Other Spices include Cinnamon, Mustard, All Spice, Coriander, Ginger, Laurel Leaves, Mustard Seeds and Poppy Seeds, Anise, Bay Leaves, and Cloves.

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UNCLASSIFIED

August 21, 1944

[redacted]

The President
The White House

Dear Mr. President:

Your Soviet Protocol Committee approved on August seventh the War Food Administration offer of approximately 1,926,000 short tons of foodstuffs and related products to be delivered to the USSR in 1944-'45. This Fourth Protocol offer represents 98.8% of the total Russian request. It is 96% of the offer made in the Third Protocol but 109% of the tonnage the Russians were able to lift under the Third Protocol.

There is a change in emphasis from grains and grain products in deliveries under the Third Protocol to protein foods and fats in the program for the Fourth -- largely because the Russians have been able to plant grain crops in recently liberated areas, and also because they will be able to secure a substantial quantity of cereals from Canada in the coming year.

Commodity	Third Protocol: Deliveries	Fourth Protocol: Russian Request	Fourth Protocol: WFA Offer
Wheat, Flour, and Cereals	488,000	394,000	394,000
Sugar	296,000	350,000	350,000
Canned Meat	273,000	420,000	358,000
Butter	49,000	90,000	40,000
Animal Fats and Cured Meat	235,000	250,000	290,000
Vegetable Oil	220,000	225,000	225,000
Concentrates	171,000	156,000	205,000
Seeds	9,000	34,000	34,000
Other Agricultural Commodities	20,000	30,000	30,000
Total Short Tons	1,761,000	1,949,000	1,926,000*

We have offered quantities of lard, milk, and cheese in excess of requests to compensate for our inability to supply the canned corned beef and the total amount of butter requested by the Russians.

July deliveries to the USSR totaled approximately 125,000 short tons, an increase of 42,000 tons over June deliveries due largely to additional shipping space being allotted to food in July. Deliveries to the Arctic, which begin in late June and continue through August, made up 25% of the July deliveries.

* Actual offer totals 1,927,208.5. Categories subject to August revision.

The change in emphasis from grain products to protein foods and fats is reflected in the delivery figures of the first month of the Fourth Protocol. The 23,000 tons of vegetable oil delivered exceeded the monthly requirement by 4,000 tons and the June delivery figure by 6,000 tons. Although the 26,000 tons of canned meat and the 16,000 tons of animal fats and cured meat delivered were less than the monthly requirements, they exceeded the June deliveries by 9,000 and 12,000 tons respectively. On the other hand, of the 33,000 ton monthly requirement of wheat, flour, and cereals, 24,000 tons were delivered; and there were no deliveries of soya flour and grits against the 5,000 ton monthly requirement.

Respectfully,

Marvin Jones

Administrator

Attachments

THIS DOCUMENT IS THE BEST
AVAILABLE. EVERY TECHNICAL
EFFORT HAS BEEN MADE TO
INSURE LEGIBILITY.

[redacted]

REPORT NUMBER I
SHIPMENT OF AGRICULTURAL COMMODITIES
TO THE U.S.S.R.
December, 1941 - July 31, 1944
(Net Short Tons)

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

Table I

Commodity	4th Protocol Requirements By Month	DELIVERIES July, 1944	DELIVERIES June, 1944	4th Protocol Total Requirements	4th Protocol Cumulative Deliveries	3rd Protocol Deliveries 7/1/43-6/30/44	2nd Protocol Deliveries 7/1/42-6/30/43	1st Protocol Deliveries 12/41-6/30/42
Wheat, Flour, Cereal, etc.	32,833	24,170.75	20,674.90	394,000	24,170.75	457,746.04	345,438	137,711.10
Sugar	29,167	19,875.30	13,691	350,000	19,875.30	295,861	114,171	85,127
Canned Meat	29,833	26,237.38	16,902	358,000	26,237.38	272,912	188,858.60	43,627
Butter /A	2,208	3,194.10	1,005	26,500	3,194.10	40,534	7,923	1,668
Carter's Spread	1,125	1,653	1,986	13,500	1,653	9,014	-	-
Animal Fats and Cured Meat	24,167	16,009	4,207	290,000	16,009	234,766	120,457	41,208
Vegetable Oil	18,750	23,170	14,743	225,000	23,170	219,766	103,668	18,575
Dried Milk	2,917	1,082	597	35,000	1,082	33,026	16,206	-
Cheese	1,417	391	582	17,000	391	15,787	4,459	-
Canned Milk	1,250	409	430	15,000	409	7,105	5,821	-
Dried Eggs	5,000	2,750	1,253	60,000	2,750	38,863	22,286	8,961
Dehy. & Conc. Soups, Veg. & Cereals, Including Soya	833	209.32	634.55	10,000	209.32	17,131.58	1,738	-
Concentrated Juices	167	5.15	4.20	2,000	5.15	1,347.60	692	-
Veg. Pulps, Pastes & Purees	500	33	154	6,000	33	3,247	195	-
Soya Flour & Grits	5,000	-	510	60,000	-	54,614	2,841	-
Other Agricultural Commodities /B	5,333	5,756.69	3,333.92	66,000	5,756.69	29,530.20	[illegible]	[illegible]
TOTAL	160,500	124,945.69	82,787.17	1,926,000	124,945.69	[illegible]	971,959.81	308,715.10

/A Includes Butter Oil.

/B This report reflects Soap in Other Agricultural Commodities.

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[redacted]

STATUS OF U.S.S.R. PROGRAM
As of July 31, 1944
(Net Short Tons unless Otherwise Noted)

Table 2

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

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Commodity	Cumulative Action Requisitions	Cumulative to June 30, '42	July 1, '42 to June 30, '43	July 1, '43 to March 31, '44	April 1, '44 to June 30, '44	July, 1944 U.S.S.R.	July, 1944 Arctic	Cumulative to July 31, 1944
		CLEARANCES						
WHEAT, FLOUR, CEREAL, ETC.								
Wheat	154,560	29,298	-	26,144	320	-	-	55,762
Cracked Wheat	12,764	1,121	9,885	45.15	-	-	-	11,051.45
Rye Flour	44,830	43	11,618	8,823	7,360	22	2,019	30,885
Wheat Flour	883,625	60,303	168,797	249,170	45,881	1,407	11,678	537,236
Barley, Pearl	2,900	-	2,797	3,073	188.50	7	634	6,699.50
Rice	93,119	-	22,667	21,926	3,840	1,646.40	1,706.45	51,985.85
Groats	39,477	1,049	14,715	6,537	1,804	324	1,534	25,963
Barley, Cereal, Roasted	990	40	150	-	-	-	-	190
Buckwheat Cereal	1,699	8	127	90.25	-	-	198	423.25
Oat Cereal	38,016	2,352	34,852	5,169	318	49.10	478.40	23,218.50
Cereal., Various	15,904	-	911	20.14	-	-	-	931.14
Beans, Dried	269,334	13,499	90,887	81,650	7,992	465.20	816.20	195,309.40
Peas, Dried	68,276	.10	8,032	16,404	[illegible]	-	86	25,[illegible].10
TOTAL	1,430,495	107,711.10	345,438	419,061.54	67,692.50	4,120.70	20,060.05	965,065.69
SUGAR								
Sugar	602,341	85,127	113,262	166,892	47,784	17,992	558	431,614
Tablet Sugar	123,731	-	909	49,626	31,559	119.55	1,205.75	83,419.30
TOTAL	726,072	85,127	114,171	216,518	79,343	18,111.55	1,763.75	515,034.30
MEAT, CANNED								
Meat, Canned	472,434	43,627	188,149	94,219	22,018	10,981.63	-	358,994.63
Tuberkin a/	234,853	-	-	107,446	42,235	12,312.58	803.65	162,797.43
Beef, Dehydrated b/	21	-	.60	4.90	-	-	-	5.50
Pork, Dehydrated b/	22,072	-	709	4,991.50	1,998	2,139.52	-	9,838.02
TOTAL	749,370	43,627	188,858.60	206,662	66,251	25,433.73	803.65	531,634.98

Commodity	Cumulative Action Recommendations	CLEARANCES: Cumulative to June 30, '42	July 1, '42 to June 30, '43	July 1, '43 to March 31, '44	April 1, 1944 to June 30, '44	July, 1944 U. S.	July, 1944 Africa	Cumulative to July 31, '44
BUTTER								
Butter, Salted	78,369	1,668	7,923	39,529	44	14	983	50,161
Butter Oil	7,240	-	-	-	961	1,311.60	885.50	3,158.10
TOTAL	85,609	1,668	7,923	39,529	1,005	1,325.60	1,868.50	53,319.10
CANNED BREAD								
Crackers & Spread	21,200	-	-	2,201	6,533	1,653	-	10,667
ANIMAL FATS AND CURED MEAT								
Fat Cuts	175,545	-	-	98,214	21,628	10,161	95	130,098
Lard and Rendered Fats c/	416,912	32,300	49,942	78,736	21,799	4,829	105	197,792
Cured Meat	117,799	9,081	80,515	4,264	124	68	751	94,630
TOTAL	709,326	41,281	130,457	181,214	43,552	15,058	951	422,520
VEGETABLE OIL								
Oleomargarine	59,160	-	4,936	32,274	3,827	-	-	41,037
Shortening	80,229	-	12,753	12,499	740	962	-	26,948
Vegetable Oil	463,499	18,575	85,979	121,087	49,345	20,699	509	297,194
TOTAL	572,888	18,575	103,668	165,854	53,912	22,661	509	365,179
DRIED MILK								
Skim Milk, Dry	58,714	-	15,545	22,368	2,403	756	-	41,070
Whole Milk, Dry	16,499	-	661	7,383	872	286	42	9,244
TOTAL	75,213	-	16,206	29,751	3,275	1,040	42	50,314
CHEESE								
Cheese	17,508	-	3,915	3,675	20	-	-	7,610
Processed Cheese	20,067	-	544	11,041	1,051	391	-	13,027
TOTAL	37,575	-	4,459	14,716	1,071	391	-	20,637

Commodity	Cumulative Action Requisitions	CLEARANCE: Cumulative to June 30, '42	July 1, '42 to June 30, '43	July 1, '43 to March 31, '44	April 1, '44 to June 30, '44	July, 1944: U.S.S.R.	July, 1944: Arctic	Cumulative to July 31, 1944
CANNED MILK								
Sweetened Condensed Milk	17,869	-	5,821	5,807	1,244	59	350	13,281
Evaporated Milk	120	-	-	54	- -	-	-	54
TOTAL	17,989	-	5,821	5,861	1,244	59	350	13,335
EGGS, DRIED								
Eggs, Dried	115,255	8,961	22,286	30,716	8,147	2,699	51	72,860
DEHYDRATED AND CONCENTRATED SOUPS, VEGETABLES, CEREALS, INCLUDING SOYA								
Dehydrated Soup	7,952	-	310	1,814	-	-	-	2,124
Dehydrated Vegetable Soup	3,456	-	-	890	168	-	-	1,058
Dry Soup Powder	4,145	-	25	3,836	50	-	-	3,911
Beets, Dehydrated	330	-	-	41.53	15	-	35	91.53
Cabbage, Dehydrated	573	-	-	.03	17	-	39	56.03
Carrots, Dehydrated	3,639	-	40	1,033	18.34	-	44	1,135.34
Garlic, Dehydrated	2,061	-	19	453	74	-	.87	546.87
Onions, Dehydrated	3,103	-	13	67	40	-	.45	120.45
Potatoes, Irish, Dehydrated	3,152	-	97	1,166	65	-	90	1,418
Other Vegetables, Dehydrated	2,044	-	-	368.13	-	-	-	368.13
Onion Powder	421	-	55	180	.55	-	-	235.55
Tomato Powder	1,336	-	20	-	258	-	-	278
Concentrated Cereal Food	12,285	-	1,159	5,216	1,361	-	-	7,736
TOTAL	44,497	-	1,738	15,064.69	2,066.89	-	209.32	19,078.90
CONCENTRATED JUICES								
Concentrated Grapefruit Juice	762	-	-	65	-	-	-	65
Concentrated Lemon Juice	1,965	-	124	412.40	3.50	.15	1.90	541.95
Concentrated Orange Juice	3,847	-	568	864	2.70	.10	3	1,437.80
TOTAL	6,574	-	692	1,341.40	6.20	.25	4.90	2,044.75

Commodity	Cumulative Action Requisitions	CLEARANCES: Cumulative to June 30, '42	July 1, '42 to June 30, '43	July 1, '43 to March 31, '44	April 1, '44 to June 30, '44	July, 1944: U.S.S.R.	July, 1944: Arctic	Cumulative to July 31, '44
VEGETABLE PULPS, PASTES, & PUREES								
Tomato Paste or Puree	10,156	-	195	2,964	283	14	19	3,475
SOYA FLOUR AND GRITS								
Soya Flour and Grits	147,638	-	2,341	51,345	3,269	-	-	57,455
OTHER AGRICULTURAL COMMODITIES								
Acetic Acid	68	-	144	-	-	.60	-	144.60
Alcohol	2	-	-	-	-	-	-	-
Almonds	422 #	-	-	468 #	-	-	-	468 #
Ansurin	31	-	15	7	19.50	-	-	41.50
Apples, Fresh	61	-	-	35	7	-	15	57
Army Ration K	2,016	-	-	418	-	-	-	418
Ascorbic Acid (Vitamin C)	331	-	19.70	35.54	66.50	4.70	9 #	9# 126.44
Ascorbic Acid (Tablets)	4.88 M/T	-	.50M/T	-	-	-	-	.50 M/T
Baked Beans	175	-	145	19.13	-	-	11	175.13
Baking Soda	43	-	13.70	9.60	-	-	-	23.30
Banana Powder	56	-	-	-	-	-	-	-
Barley Fodder	21,361	1,393	2,275	3,147	2,344	-	2,301	11,460
Bean Sacks	1.20	-	-	-	-	-	-	-
Beef Extract	269	-	112	-	-	-	-	112
Beef Sets, Dry	6	-	-	-	-	-	-	-
Carotene	808 BIU	-	343 BIU	228.14 BIU	16.25 BIU	-	-	587.39BIU
Chicory	3	-	.20	3	-	-	-	3.20
Chocolate - Ration D	956	-	3	355	56	56	-	470
Citric Acid	1,417	85	430	586.18	30.58	-	3	1,134.76
Citric Extract	1	-	28	-	-	-	-	28
Cocoa	3	-	-	2.90	-	-	-	2.90
Coffee	67	-	-	20	.61	-	22	42.61
Coffee Beans, Green	8,400	-	2,728	4,032	-	-	-	6,760
Coffee Substitute	23	-	-	1.60	-	-	-	1.60
Concentrated Foods	66	-	66	-	-	-	-	66
Cornstarch	432	-	366	26	7	-	23	422
Cucumber Pickles	72	-	-	67	-	-	8	75

Commodity	Cumulative Action Requisitions	CLEARANCES: Cumulative to June 30, '42	July 1, '42 to June 30, '43	July 1, '43 to March 31, '44	April 1, '44 to June 30, '44	July, 1944: U.S.S.R.	July, 1944: Arctic	Cumulative to July 31, '44
OTHER AGRICULTURAL COMMODITIES (Cont'd):								
Dextrines	9	-	-	-	-	-	-	-
Ergosterol	.84	-	-	440 #	529 #	194 #	-	1,163 #
Essential Oils	66	-	20	1.10	12.49	-	-	36.59
Fish, Pilchards	22	-	-	22	-	-	-	22
Salmons	327	-	-	122	-	-	-	122
Fish Liver Oil (Vitamin A)	47.20 T/U	-	-	4.63 T/U	6.52 T/U	5.13 T/U	-	16.28 T/U
(Vitamin D)	1 T/U	-	-	-	-	-	-	-
Fruit, Canned	77	-	4	17	-	-	11	32
Fruit, Mixed, Dried	952	-	562	299.36	67	-	230	1,158.36
Fruit Extract	8	-	2	1.88	-	-	-	3.88
Fruit Syrup	1	-	.70	-	-	-	-	.70
Garlic, Fresh	34	-	2	35	-	-	-	37
Gelatin	3	-	.61	1.48	-	-	-	2.09
Grapefruit, Lemon, Oranges, Fresh	152	-	8	15	1.90	-	9	33.90
Hazel Nuts, Shelled	3,638	-	-	3,696	-	-	-	3,696
Hops	19	-	19	-	-	-	-	19
Kola Nuts	57	57	-	-	-	-	-	57
Linseed Oil, Drying	1,171	-	28	-	-	-	-	28
Macaroni	306	-	39	85	-	7	33	164
Millrun	342	-	475	-	-	-	-	475
Multi-Vitamin Tablets	630.10 M/T	-	-	-	24.65 M/T	10 M/T	-	34.65 M/T
Nicotinamide	74	-	-	-	12	3.64	-	15.64
Nicotinic Acid	103	-	-	7# 6	-	7	-	7# 13
Nutritional Yeast	102	-	-	34	60.50	-	20 #	20# 94.50
Oat Fodder	6,567	150	1,772	134	-	-	-	2,056
Oil Cake	-	-	215	-	-	-	-	215
Onions, Fresh	178	-	-	26	19	-	57	102
Pine Oil	13	-	-	8	156	-	-	164
Pepper	22	-	6	281	407 #	220 #	4.67#	627# 291.67
Potatoes, Fresh	2,200	-	-	952	122	-	278	1,352
Riboflavin	2.50	-	32 #	47 #	10 #	489 #	-	578 #
Salt	24,156	-	1,506	320	269	5.50	22	2,122.50
Seed, Cryptostegia	15 #	-	15 #	-	-	-	-	15 #
Seeds, Field	18,594	-	6,955	20.75	296	-	-	7,271.75
Seeds, Guayula	.56	-	-	-	-	-	-	-
Seeds, Oil Bearing Plants	448	-	-	-	-	-	-	-
Seeds, Tobacco	2	-	-	42 #	-	-	-	42 #
Seeds, Vegetable	70,435	73	2,170	7,762	291	1,119	-	11,415

Commodity	Cumulative Action Requisitions	CLEARANCES: Cumulative to June 30, '42	July 1, '42 to June 30, '43	July 1, '43 to March 31, '44	April 1, '44 to June 30, '44	July, 1944: U.S.S.R.	July, 1944: Arctic	Cumulative to July 31, '44
OTHER AGRICULTURAL COMMODITIES (Cont'd):								
Soap	46,777	-	4,938	1,204.12	184	97	813	7,233.12
Soups, Vegetable, Canned	1,787	-	965	566.21	32	-	209	1,772.21
Soya Sauce	4	-	4	-	-	-	-	4
Spices, Other d/	53	-	64	85.85	.84	.22	3.30	154.21
Stearin Candles	466	-	99	148.12	25	-	171	443.12
Tea	1,225	-	661	249	6	.46	116.60	1,033.06
Vanilla	23	-	28# .30	12 #	14 #	-	-	28# .30
Vanillin	24	-	2 #	9.46	2 #	-	-	4# 9.46
Vinegar	5,466	-	18	222	281 #	-	2	281# 242
Walnuts, Shelled	3	-	3	-	-	-	-	3
Wheat Bags	-	-	-	-	2.50	-	-	2.50
Yeast, Dry	1,525	-	321	341.50	14	113	-	789.50
Yeast Tablets	107.30 M/T	-	7.19 M/T	45.61 M/T	58.50 M/T	12 M/T	-	123.30 M/T
TOTAL	223,295.10	1,758	27,206.21	25,427.78	4,102.42	1,414.12	4,342.57	64,251.10
GRAND TOTALS	4,973,222.10	308,715.10	971,959.81	1,418,495.41	342,755.01	93,980.95	30,964.74	3,165,871.02
	437 #	-	51 #	1,016 #	1,243 #	903 #	29 #	3,242 #
	742.38 M/T	-	7.69 M/T	45.61 M/T	83.15 M/T	22 M/T	-	158.45 M/T
	48 T/U	-	-	4.63 T/U	6.52 T/U	5.13 T/U	-	16.28 T/U
	808 BTU	-	343 BTU	228.14 BTU	16.25 BTU	-	-	587.39 BTU

a/ Previous to July 1, 1943 included in Canned Meat.
b/ 1 ton of Dehydrated Meat equivalent to 3.17 tons of Canned Meat.
c/ Lard, Tallow, Oleo Oil, and Rendered Pork Fat.
d/ Other Spices include Cinnamon, Mustard, All Spice, Coriander, Ginger, Laurel Leaves, Mustard Seeds and Poppy Seeds, Anise, Bay Leaves, and Cloves.