

50X1-HUM

INDUSTRIAL ACTIVITYKIVY AREAKIVY

"Nevyy Penitsillinnyy Zavod" (New Penicillin Plant) - a penicillin plant under construction (already pointed out). It is presumably located at 139 Bageangovo Street.

"GIDRO-INSTITUT" - a technical laboratory for hydraulics. It is said to be located on the left of the road to Zhitomir.

A modern tank plant (2,000 workers)

The city is undergoing reconstruction (modern buildings)

Bridges over the Dnepr River completely reconstructed; road in good condition; double-tracked railroad in good condition

DARNITSA

Artificial Silk Plant under construction; at present employs about 1,600 workers, 3 shifts. (See drawing)

VOROSHILOVGRAD

Locomotive Plant: 50,000 workers; 1 to 2 locomotives with tenders, weekly.

TRANSCAUCASUSSUKHUMI

The Berlin Kaiser-Wilhelm Institute has been transferred to this city. Professor HERE is the German director of the Institute.

The Institute is located in a guarded park two kilometers from the city on the Sukhumi-Kelasuri road, near the sea, along the railroad

**SECRET**

**SECRET**

leading to Tbilisi.

A second section is located near ARGUTS--(illegible) (Sukhumi-  
Tbilisi road between the railroad and the sea)

It is suspected that the Institute has been charged with atomic research.

No one employed at the Institute can leave the premises unaccompanied. Almost all the engineers are German.

**TBILISI**

"Sofka Zavod" (Sofka Plant). Construction of pylons for high tension lines.

**NAFTLUG**

6 to 8 kilometers southeast of Tbilisi is an aircraft plant. According to some PWs, this plant was converted after the war and now produces only household aluminum articles. However, the majority (among them, an ex-officer who appears sincere) affirm that the plant is still producing fighter planes, including jet-propelled planes, which are tested on a neighboring field. No exact information could be obtained because the PWs working there had been withdrawn in 1946.

**KURTAVI**

An important hydroelectric station and some sawmills are under construction.

**SHISTROY**

A new city in the process of construction. Located 20 kilometers

**SECRET**

**SECRET**

southeast of Tbilisi. There are already 50,000 inhabitants. Five kilometers southeast of this city is a metallurgical plant (5 x 5 kilometers) under construction. Three tall furnaces are almost completed. The work began in 1944; about 9,000 workers are employed.

**BALTIC REGION****LIBAU**

In port: 8 scout boats and 16 submarines

A double-track railroad in good condition

A large passenger and freight station, a locomotive depot and repair shop.

"KRASHNYMETALLURGI", metallurgical plant. 2 men-hearth furnaces.

Production: profile steel and hardware. 2,000 workers employed in 3 shifts. Director of the plant: HERSVEIGS (Jewish). The plant is situated in the vicinity of the navy yard of the old city.

**MITTAU**

40 kilometers south of Riga, almost entirely destroyed

**RIGA**

"Vairogs" Railroad Car Plant. 2,000 workers. The plant is located in the former "Panzerreparaturwerkstatt" (Tank repair shop) of the Wehrmacht.

Monthly production: 12 to 18 cars

Four kilometers southwest of Riga, in the Schlockerstrasse, Werk 42" (Shop 42) has been installed; it is a repair shop reserved for ZIS, Studebaker and Willys trucks. It employs 2,000 Russian workers.

**SECRET**

**SECRET**

500 meters further down the street is the "Aviation Base," which repairs aircraft engines; it employs 600 workers. In this plant, the Russians have established a testing ground for German type jet-propelled aircraft.

It is said that a tank plant is situated about one kilometer from the "Radiotekhnika" Plant, which has already been mentioned.

WHITE SEA AREASUOYARVI

(Leningrad Sheet 32-23/62-63) - 240 kilometers north of Leningrad and half way between Onega and Ladoga Lakes; 3,000-4,000 inhabitants.

The whole region is engaged in the paper industry. A new paper mill with a daily production capacity of 30-35 gross tons of paper has been completed. 40 kilometers west there is an electric station with two turbines.

LENINGRAD AREABCROVITSEY

180 kilometers southeast of Leningrad; 35,000 inhabitants  
Some small collieries producing inferior coal

LENINGRAD

Single track railroad. Main lines well kept; secondary roads in very poor state.

Plants producing canon and tanks

**SECRET**

**SECRET**FATEBOROKH (?)

Said to be 80 kilometers south of Svirstroy, on the Svir' River.  
Hydroelectric station being built on the Svir' River.

OHAGODA

170 kilometers west of Cherepovets.

Glass factory employing 1,200 workers; 3 x 8; producing about  
30,000 square meters glass daily.

At the end of 1948, this factory began producing a powder for  
electrogenic soldering consisting of manganese, soda, sand, lime, and  
sawdust (or charcoal), mixed and ground to a powder. This is placed in  
a furnace and heated at 1,500 degrees for 10 hours. It leaves the furn-  
aces as liquid glass, crystallizes in cooling, is dried and again turned  
into powder.

LENINGRAD

There is an engine plant in the neighborhood of PW Camp 7717.  
Apparently this refers to the enterprise mentioned previously. However,  
this time the location given is Spaskaya and bears the number 466. It  
is asserted that the plant produces jet engines. The engineers employed  
therein are Furovskiy, Virovskiy, and Vinogradov.

"Kirov" Plant: This is said to manufacture caterpillars for  
tanks and tractors.

The "Bol'shevik" Plant, located in the northern part of the city,  
is said to repair ship turrets.

**SECRET**

**SECRET****MARVA**

"KREMHOLM-MANUFAKTUR" (Kensholm). Spinning and weaving mill under reconstruction. A part of the plant is already in operation. The equipment is old, except for a weaving room where a more modern system of machinery is used.

**LENNINRAD PLANTS**

"Krasnyy Oktiabr'" Plant: Located in the northeastern quarter of the city (Vyborg quarter)

Present production: Transformers and electric motors. Employes several thousand persons, working in three shifts.

It is believed that the plant also produces airplane motors. It is said that fair bases have been established for the testing of jet engines, of which three are already in operation. The plant is surrounded by a barbed wire enclosure with several observation posts, where armed civilians stand guard.

Automobile Repair Plant No 2: Repair shops for ZIS trucks.  
800 workers.

**CHELJABINSK**

Plant No 78: Agricultural machines; 1500 workers. 6 kilometers from the city.

**ORSK**

Plant for tank parts. In the eastern part [of the city] tanks and munitions [are located]; 10,000 workers.

**SECRET**

**SECRET**

Electric power plant in eastern part of city, supplies current to an area of 1,000 square kilometers. 3,000 workers.

A metallurgical plant, producing cars for coal transport; also produces spare parts.

Production: 14-15 cars per month.

About 3,000 workers

CHKALOV

"Kirov" Metallurgical Plant: Makes spare parts for agricultural tractors.

"Sarghas" Plant. Makes automobile radiators.

OKTYABR'

New oil refinery under construction; pipe-line from Oktava to Urusu.

NORTHERN URAL AREA

SYERDLOVSK

Plant No 160: Graphite plant; produces mainly electrical insulators.

Plant No 721: Graphite plant; 700 workers. Note: it may be that this plant is the same as that mentioned just above.

Plant 705: Produces crude rubber.

SYERDLOVSK

Plant in the northeastern part produces No 659 electric motors; 700 x 800 meters; 8000 workers; 3 x 8; production very high; products apparently intended for submarines.

**SECRET**

**SECRET**

In the center of the city is a plant producing T-34 tanks.

A food products depot; 1,000 workers

**KORHNE****KOYVA ?**

Unnamed village situated 250 kilometers (?) from Vorkuta

Coal mines, producing very good coal

Single track railroad converted to double track

**NIZHNY TAGIL**

At the western exit of the city is a plant which up to October 1945 produced 15 T-43 and T-45 tanks per day. These used to be tested immediately and transported toward the West by PWs.

In November 1945, this plant converted to, and is still producing, 60-ton metal railroad cars.

**LZHEVSK**

Armaments Plant No 71-72-74 (See drawing)

**SEYERSK**

Sheet-metal Plant; 13,000 workers

**BELORUSSIAN AREA****MINSK**

Automobile Plant 8 kilometers from the city

Production: Good ZIS dump trucks and trailers. The plant, where reconstruction is still going on, has only recently begun production and no exact figures are available.

**SECRET**



**SECRET****KRICHYK**

A cement plant has just begun to operate; situated in the center of the city.

It is believed that a plant producing turbines for electric power stations has also just been rebuilt and begun production. It is located next to the above plant.

**MINSK****Penicillin Plant**

Plant for spare parts for tractors; manufactures mostly 1-2 h.p. motors for starting 4-cylinder Diesels; about 2,000 workers (See drawing)

Double-track Minsk-Brest railroad under construction

**MOSCOW AREA****KLIN**

"Kapron 512" Spinning Factory (already mentioned) is being enlarged. Several new wings are under construction. The new machines which were dismantled in the Soviet Zone are all of German construction (ultra-modern).

**KALOMITSKIY****KOPINNA ?**

(20 kilometers northeast of Moscow)

Construction of a new transformer station; all equipment comes from Germany.

**BALASHIKHA**

(30 kilometers east of Moscow)

**SECRET**

**SECRET**

"Maxim Gor'kiy" Plant, producing aviation equipment; manufactures only spare parts: landing gear, transmissions, etc. It is believed to be employing between 20,000 and 30,000 persons working in three shifts. The plant is said to cover 4 square kilometers.

"Bol'shevik" spinning and weaving mill; more than 30,000 workers; The plant has only old-type machines; a worker can tend to only six machines.

The monthly salary of a good weaver is 500-600 rubles a month.

MOSCOW

Plant No 7, producing penicillin. Very modern installations; equipped with American, Hungarian, and German material.

A second penicillin plant is said to be under construction nearby.

"Karpov" Plant: turns out pharmaceutical products; located near Camp 7883. It may be one of the two plants mentioned immediately above.

"ZIS" Plant: Is said to employ more than 80,000 persons working in three 8-hour shifts.

Electric power transformer station under construction 8 kilometers south of Moscow.

Jet Aircraft Plant (See drawing)

Transformer Station (See drawing)

PIRSHITSA

RECHITSA ?

Near Bryansk (?)

Plant producing steam engines; monthly production: 30 engines (?)

**SECRET**

**SECRET****VLADIMIR**

Tractor Plant (See drawing); intensive work on road and railway repair; output of 10-15 tractors daily.

Plant turning out plastic products (sombs, phonograph records); German engineers.

**REZHETSK**

60 kilometers west of Kalinin

Agricultural machinery assembly and fabrication shops.

Alcohol distillery

**MOSCOW OKRUG****YOROMIZH**

Rebuilt city consisting of barracks, except for administrative buildings and stores.

Locomotive and Car Plant in the center of the city, employing 6,000 workers; production is high.

Plant producing "Elektro-Signal" radios; 5 kilometers to the east is an aircraft plant, producing 5-6 fighters and attack bombers per month; these are tested immediately on the terrain in front of the plant and leave for an unknown destination.

Synthetic rubber plant under construction (former Skoda-Werke dismantled in Germany, on the Czech border); enclosed; 1 km northeast; very important; production began in September 1947; remaining buildings were to begin operation 1/5/49.

**SECRET**

**SECRET**

Bridges over the Don all destroyed; one temporary wooden road bridge rebuilt; railroad bridges have been rebuilt; single track railroad exists.

Shop reducing dredgers; 2 per month; 1600 workers.

Illegible - 50 1/2 kilometers northeast of Moscow, a reassembled Junkers plant; produces new type very fast four-motor bomber and long-range turbo-jet fighter plane with maximum speed of 1,200 km per hour.

**KALININ**

Tire Plant, employing 2,000 workers

Shops producing railroad cars; output, 16 freight cars per day; 4,000 workers employed

**BUONIKI**

Textile Combine (See drawing); about 12,000 persons working in three shifts produces 500,000 meters of cotton goods per week.

**GOR'KII**

STALINWERK: plant producing 20-210 mm canon, railroad car axles, ZIS automobile chassis, tank sprocket wheels; employs 6,000-8,000 workers.

Plant producing T-34 tanks; 34 per day

Plant producing jet planes

**VOLGA REGION****ULYANOVSK**

Plant No 25 producing Ford-ZIS 1 1/2-ton trucks; about 90 trucks per day (See drawing)

- 12 - **SECRET**

**SECRET****BATRAKI**

120 km west of Kuybyshev; 40,000 inhabitants.

**Tar Plant**

Large crude oil reservoirs on the banks of the Volga; oil brought by barges from the Black Sea.

**SARATOV**

Tire Plant: 4,000-5,000 workers; roads in very bad condition

**KUYBYSHEY**

City intact (as of May 1948)

STALIN-WERK, aircraft plant; modern machinery, mostly American; produces 4-motor jet fighter planes.

LENIN-WERK, plant producing tanks and airplane motors

Roads in good condition; there is a single track railroad that is well kept. Only one railroad bridge spans the Volga.

**NORTHERN CAUCASUS****TUAPSE**

"T.M.G." Plant produces motors and machinery for the navy; 500 workers.

**KRASKAYA POLYANA  
(Near Sochi)**

Hydroelectric station under construction; equipment drawn entirely from station dismantled in Germany between Dresden and Meissen. The work will be completed 1/6/49. Director of the project: Kalashek (Name not clear)

**SECRET**

**SECRET**

KRASNOGAR

Oil refinery

TUAPSE

New oil refinery under construction

ROSTOV-ON-THE-DON

"Rostsel'mash", situated on the eastern periphery of the city on the right bank of the Don; produces agricultural machinery (ploughs, seeders); several thousand workers.

"Elektro-Lokomotiv-Mash" Plant No 3; 3,000 workers operating in three shifts.

Plant No 168, producing aircraft equipment in the Goran-Rostov quarter; assembles only biplanes, whose parts come, for the most part, from a Taganrog plant.

VEREDOVKA

18 km east of Stalingrad; munitions depot

Plant producing war gas (?)

STALINGRAD

Almost entirely rebuilt, but the structures are of poor quality.

Large steel mill with 8 blast furnaces; an annex turns out airplane motors.

Canon foundry

LABORATORIES

ROSTOV-ON-THE-DON

"Ryshiy"

"R.I.S.O.H.T." (phonetically) [Sig]- Institute for railroad

**SECRET**

**SECRET**

transportation; is said to be the most important of its kind in Russia; in particular, trains railroad engineers.

**KRASHOARMENSK**

(August 1947) - Plant No 264, producing T-34 tanks; 3 tanks per day; new type of armor, 32 cm thick, for 70-80-ton tanks with one 50 calibre canon and four IMG machine guns; 3,000 workers; also produces parts for railroad cars. This city is also the starting point for a canal which is in the process of excavation and which will link the Volga and the Don.

**WESTERN SIBERIA****KEMEROVO**

Plant for chemical products; chemicals produced unknown.

**SECRET**

**SECRET**GUIDE TO DIAGRAMSUSINE D'ARMEMENT D'ISHEVSK, BANOD 71, 72, 74

(Ishevsk Armaments Plant; Plant 71, 72, 74)

Champ de tir pour canons de bord et mitrailleuses destinees a l'aviation	Firing range for aircraft cannon and machine guns
Atelier fabriquant pieces deta- chees pour fusils et mitrailleuses	Shop manufacturing spare parts for rifles and machine guns
Lac	Lake
Usine a gas	Gas plant
Usine d'armement	Armaments plant
Collines	Hills
Gare	Railroad station
Ville de Ishevsk	City of Ishevsk
Atelier fabriquant des canons	Shop manufacturing canon
Atelier de laminages	Metal-rolling shop
Trefilerie	Drawing mill
Fonderi	Foundry
Depot de carbure	Carbides depot
Scierie	Saw-mill
Atlier pour taillage de limes	File-cutting shop
Batiment herbergeant une equipe de transports	Quarters for transportation teams

**SECRET**



**USINE DE PIÈCES DÉTACHÉES POUR TRACTEURS DE MINSK** **SECRET**

(Plant producing spare parts for Minsk tractors)

Route vers Minsk	Road to Minsk
V. F. vers Minsk (2 voies)	Railroad to Minsk (double tracked)
V. F. vers Borissov	" " Borisov
Station pour courant-lumière	Electric station (current for lighting)
Atelier de pressage et de formage	Shop for pressing and molding
Magasin principal	Main store
Atelier de précision	Precision testing shop
Chaudières	Boilers
Tournerie et banc d'essai de moteurs	Lathe shop and motor testing unit

**USINE ELECTRIQUE, USINE CONSTRUISANT DES CAMIONS,  
TERRAIN D'AVIATION DE LA VILLE DE OULIANOVSK**

(Electric plant, truck-building plant, and airfield of the City of Ulyanovsk)

Usine électrique	Electric plant
Pièces détachées	Spare parts
Forges en construction	Forges under construction
Gazon	Turf
Atelier de travail à la chaîne	Conveyor-operated shop
Usine d'auto Ford G18 1½ to Saved 25	Ford-ZIS auto plant producing 1½-ton trucks
Route secondaire vers Posop	Secondary road to Posop
Pont en bois	Wooden bridge
" " fer	Iron "
V. F. 1 voie	Single track railroad
V. F. vers Insa	Railroad to Insa