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CENTRAL INTELLIGENCE AGENCY

**INFORMATION REPORT**

COUNTRY Germany (Russian Zone)

DATE DISTR. <sup>676</sup> 28 Nov. 1949

SUBJECT Russian Orders Placed with Zeiss, Jena

THIS IS UNEVALUATED INFORMATION

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1. The Zeiss Firm, JENA (N 51/J 66), a nationalized plant, is assigned to the Group "Optics", an association of nationalized works producing optical instruments.

a. Plant management:

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Manager: Dr. SCHRADE (SED party member - Socialist Unity Party)  
Deputy manager: SANDMANN (CDU party member - Christian Democratic Union)  
General planning: Dr. JOBST (SED member)  
Sale: Dr. WOLFRAM (non-partisan)  
Production: WOLFRAM (SED member).

b. The following firms belong to the Group "Optics":

- Zeiss, JENA
- Schott & Gen., JENA
- Rathenower Opt. works, RATHENOW (N 53/15)
- Hitsche & Guenther, RATHENOW
- Hitsche A.G., LEIPZIG (N 52/E 21)
- Feinpruef, SCHTALKALDEN (N 51/E 84)
- Reiss, LIEBENWERDA (N 52/A 04)
- Heyde, DRESDEN (N 52/F 29)
- Massindustrie, WERDAU (N 51/K 24)
- Injekta A.G., FLINGENTHAL (N 51/K 30)
- Messtechnik, GLASHUTTE (N 51/T 26)
- Phoenix, RUDOLSTADT (N 51/J 54)

Document No. [redacted]

No Change in Class.

Declassified

Class. Changed To: TS

Auth: [redacted]

Date: 02/06/78

c. SMA liaison officer to this industry group was Prof. Major ALYANKI, now in WERDAU with the German office for weights and measures.

2. The following copy of a letter by the chief of the Administration of Industry of the SMA represents a partial order for 1948. From this order it can be seen that plan A and plan C are Soviet orders. Only the items listed in column "rep.naryad" are charged to the reparation account. They have to be delivered in 1948. The letters "R" mean reparation orders by the office for reparation deliveries, both in BERLIN-PARTICORST.

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COPY

To the Directeur of the Association of Nationalized Firms,  
Optical Instruments, Dr. SCHRADE, JENA

21 July 1948

Having been informed about the work schedule of the enterprises of your association, the Office of Industry of the TIA for Germany cannot but correct the work schedule of the Zeiss Plant by placing new orders which have to be executed as first-priority orders by the Carl Zeiss Firm in 1948.

Plan

A	B		Units	Rep. Maryad	Other Soviet orders
1	2	3	4	5	6
<u>a. "Micro" Section</u>					
1,400	1,000	1. Microscope LgOB Immers./ with Iris	960	960	
1,400	500	2. dtto without iris	990	990	
100	-	3. Microscope "Lumipan"	50	50	
200	100	4. Standard camera	140	140	
200	100	5. Phase contrast installations	102	102	
500	300	6. Epidiascope	485	485	
-	-	7. Dissecting lense 30 each Mod. XVI	100	-	
<u>b. Gage Section</u>					
1,000	400	1. Sugar refractometer	800	760	
500	200	2. Photometer "Pulfrich"	420	420	
400	230	3. Pocket polarimeter	130	130	
2	2	4. Striae measuring appliance	1	1	

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1	2	3	4	5	6
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c. Precision Gage Section

15,000	15,000	1. Dial gage	15,000	14,000
500	500	2. Feeler screw gage 0	500	390
360	360	3. dtto 1	360	260
360	360	4. dtto 2	360	260
300	300	5. dtto 3	300	220
300	300	6. dtto 4	300	220
300	300	7. Handle for screw gage, (micro-meter caliper)	300	200
700	700	8. Gage 1	700	600
1,175	320	9. Optimeter	150	150
2,200	1,000	10. Universal graphometer	2,000	2,000

d. Surveying Instruments Section

2,000	1,500	1. Double rectangular prism	700	700
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e. Photo Section

3,000	3,000	1. Objective Biotar 1:2 Kine-Exakta	5,400	-	5,400
7,000	7,000	2. Tessar-Objective 1:3.5 Kine-Exakta	1,500	-	7,000
-	-	3. Single parts for cinema app.	D-Mark 150,000.--		
		4. Repair of cinema app.	10 units		
1,100,000	1,100,000	The prescribed deliveries to the photo firms are not affected by this order.		ca	110,000

f. Electrical Equipment Section

550	7	1. Instruction instrument L i	7	-	7
		2. Balls for viscosimeter for the Haake Eroth. Firm	2,400	-	3,400

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1	2	3	4	5	6
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g. Miscellaneous Products

- |   |                       |        |
|---|-----------------------|--------|
| 1. Appliance for construction of tractors | Reichs-Mark<br>55,000 | 55,000 |
|---|-----------------------|--------|
2. Organizing both the production of an installation for processing diamonds and a workshop for the production of diamond drawing nozzles. The following implements have to be produced in the second half of 1948:
- |   |       |    |
|---|-------|----|
| a. Beveling machines                            | units | 27 |
| b. Machines for grinding lateral wheels         |       | 27 |
| c. Centering machines                           |       | 27 |
| d. Machines for centering hollows with lighting |       | 45 |
| e. Machines for coarse grinding, 10-gear        |       | 54 |
| f. Machine for fine-grinding, 10-gear           |       | 54 |
| g. Machine "Poenkra"                            |       | 54 |
| h. Machine "Poludor"                            |       | 54 |
| i. Machine "Solidaxa"                           |       | 12 |
| j. Machine "Poenkra" for polishing old stones   |       | 12 |
| k. Mandress for pressing diamonds               |       | 20 |
1. Appliance for drilling machine for grinding needles 6
3. Diamond drawing nozzles to be delivered:
- |                        |               |
|------------------------|---------------|
| 1948:                  | 3,000 pieces  |
| 1st half year of 1949: | 20,000 pieces |
4. Graphs of the output of diamond drawing nozzles to be submitted for approval by 30 July 1948
5. The following has to be manufactured and delivered in the fourth quarter of 1948:

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5 vertical plimeters with projection equipment and appliances for gaging long wires.

Chief of the Administration of Industry  
SMA, Germany

ALEXANDROV

3. At the conference recently held by the Leiss planning staff with General PANKOV, SMA, it was agreed to add the manufacture of F.F.D.-cameras (Russian Leicas) to the production schedule of the Leiss Firm.

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4. Unit [redacted] in FREIBERG placed an order for a theodolite (optics for multiplex-projectors) to be used for the production of maps from aerial photographs.

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5. [redacted] the following details were learned:

a. G.B. rectifier - office BERLIN-OBERSCHONENFELD, "Wilhelmstrasse 83085, Soviet office.

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c. Major BLINDOV, at 51 Schuetzendamm, BERLIN-BABELSPERG, was SMA representative for the Research and Engineering Section.

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[redacted] Comment:

a. According to the report a total of 592 divers machines for the processing of diamonds and production of diamond drawing nozzles and 3,000 diamond drawing nozzles had to be delivered to the Soviet Union in the second half of 1948. The reparation delivery of 20,000 diamond drawing nozzles was scheduled for the first half of 1949.

b. The firms listed in para 1 represent only a part of the "Association of Nationalized Firms for Optical Instruments."

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