

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY	East Germany	REPORT	[Redacted]
SUBJECT	Scientific Organization of VEB Carl Zeiss Jena	DATE DISTR.	16 May 1955 25X1
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This is **UNEVALUATED** Information

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.

1. VEB Carl Zeiss Jena is subdivided into the following four main areas of responsibility: 25X1
 - a. The KHL, or Kommerzielle Hauptleitung, i.e. Commercial Main Administration.
 - b. The BHL, or Betriebshauptleitung, i.e. Production Main Administration.
 - c. The EHL, or Entwicklungshauptleitung, i.e. Development Main Administration. 25X1
 - d. The WHL, or Wissenschaftliche Hauptleitung, i.e. Scientific Main Administration.
2. The chief of the WHL is Professor Paul Goerlich (SED), the famous specialist in infrared problems, who was with Zeiss-Ikon, Dresden, before World War II. From 1946 to 1952, Professor Goerlich was a contract specialist in the USSR and on his return to East Germany was appointed to his present position. He also gives lectures periodically at the Jena and Dresden universities on his field of specialization. 25X1
3. Professor Goerlich's secretary is Hilliger (fnu).
4. The WHL is divided into three WLs, or scientific departments, headed by the following three scientists: Dr. Sonnefeld,¹ [Redacted] Dr. Boegehold (fnu), [Redacted] and Dr. Zoellner² (fnu), Meritorious Inventor of the People - SED. 25X1
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5. Under Professor Goerlich and the three scientists named under paragraph 4, VEB Carl Zeiss Jena maintains a total of 24 research laboratories, each working in a particular field. They are as follows:

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(Note: Washington distribution indicated by "X"; Field distribution by "#".)

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- a. VgLab, or Vermessungslaboratorium, deals with theodolites, levelling instruments, tachometers, etc. It is headed by Dipl. Ing. Groeckl, [redacted] and Jahnert and Hofmann (both fnu) [redacted]
- b. FeLab, which deals with precision dials and gauges, micrometers, toolmakers' microscopes, etc. It is headed by Dr. Lippert (fnu), and Dipl. Ing. Zill and Dr. Hultzsch (both fnu) were also on the staff [redacted]
- c. FeLab Optik, which deals with precision testing devices, especially as they apply to optical problems and instruments such as optical dividing heads, optical lining instruments, etc. Until mid-February 1955, this laboratory was headed by Dr. Herbert Schorsch and Ing. Machat (fnu) was also on the staff. [redacted]
- d. WoFerar, which deals with optical and computing problems as they apply to telescopes and binoculars. This laboratory is headed by Pradel (fnu) and Jaehnic (fnu) is also on the staff. [redacted]
- e. WO M, which deals with optical and computing problems of microscopes for various uses. It is headed by Bernhardt (fnu).
- f. MiLab/A is the abbreviation for Microlaboratory (inorganic). It is headed by Dr. Hans Gause and includes Dr. Beier (fnu), a physicist [redacted] and Mehliiss (fnu), [redacted]
- g. MiLab/O is the abbreviation for Microlaboratory (organic). It is headed by Dr. Otto (fnu) [redacted]
- h. OTol/Rech, which is the laboratory dealing with optical tolerance calculations. It has Oettel and Puschendorf (both fnu) on its staff. [redacted]
- i. SchiLab is the abbreviation for Schichten Laboratorium. It deals mainly with research concerning reflex-reducing surface films, mirrors, etc. It is headed by Pohlack (fnu).³
- j. MedLab is the abbreviation for the Medical Laboratory, which does research in medical-optical instruments such as cystoscopes and operating room lights, etc. It is headed by Dr. Franke (fnu). [redacted]
- k. SgLab is the abbreviation for Schwingungs Laboratorium, which specializes in oscillation and ultrasonic research problems. It has an extremely capable staff headed by Professor Schuster and Dr. Trommler (both fnu) [redacted]
- l. ElLab is the Electronic Laboratory, specializing in research on the electrical parts of photocells used for various optical instruments and devices, including movie projectors and the like. It is headed by Dipl. Ing. Ehrhardt and Dr. Schnabel (fnu) and Dr. Hans Illzen are on the staff. [redacted]

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m. **EMMILab** is the abbreviation for the Electronic Microscope Laboratory and, as its name implies, it deals with research on this type of device. It is headed by Dr. Guvenot (fnu). 4

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n. **ZellLab** is the abbreviation for the Cell Laboratory, which deals with research connected with all types of photo-cells. It is headed by Dr. Krohs (fnu), who is a very capable man in his field

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o. **OphthalmLab** is the abbreviation for the Ophthalmological Laboratory, which does research on instruments needed to give eye examinations. It is headed by Partsch (fnu)

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p. **PhoSkaI** is the abbreviation for Laboratory for Photoscales. It is occupied with photoscales and with research on divisions (Teilungen) by photographic procedures. It is headed by Dr. Gundlach and Dr. Gaenswein (both fnu).

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q. **AstroLab** is the abbreviation for the Aströlogical Instruments Laboratory

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r. **WOPho** is the abbreviation for the Photo-Optical Computing Laboratory; its exact function is not known. It operates under the personal supervision of one of the WIs, Dr. Zoellner, who is mentioned in paragraph 4 above.

s. **WOProki** is the abbreviation for the Calculating and Computing Research Laboratory, which specializes in projectors and movie apparatus. It is headed by Dr. Tiedeken (fnu)

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t. **Lilab** is the abbreviation for the Light Laboratory, which does research on sources of light, measuring and testing of light and colorimeters. It is headed by Dr. Helbig (fnu)

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u. **VaLab** is the abbreviation for the Vacuum Laboratory. It is headed by Haunstein (fnu)

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v. **MessLab** is the abbreviation for the Measuring Laboratory, which specializes in research on such instruments as spectrometers, spectrographs, photometers and infrared problems. It is headed by Dr. Lucas (fnu) and includes Dr. Falta (fnu) on its staff.

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6. There are two more laboratories at VEB Carl Zeiss Jena, but their plant designations are not known. The first one generally does research in connection with optical measuring devices for internal plant and production use. It is headed by Dr. Konrad Kuehne, who is also a returnee from the USSR. The second one is a laboratory whose specific functions are not known. It may be engaged in some secret work. Dr. Lapp and Dr. Schreiner (both fnu) are on the staff;

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This laboratory has at least three more specialists assigned to it, but their identities are not known.



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- 7. The organization of the scientific main administration of VEB Carl Zeiss Jena as outlined here was current as of mid-February 1955.

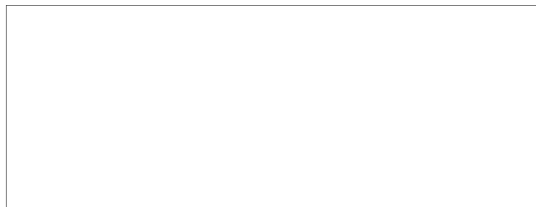


Comments:

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- 1. August Sonneberg.
- 2. Harry Zoellner.
- 3.  Kurt Polack, formerly with Zeiss Jena,  was to go to the Institut für Spektrochemie und Angewandte Spektroskopie, Dortmund.
- 4. Ernst Guyenot.

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