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CENTRAL INTELLIGENCE AGENCY

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SECURITY INFORMATION

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**INFORMATION REPORT**

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No. 4 (EFEM)

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SUPPLEMENT TO REPORT NO.

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THIS IS UNEVALUATED INFORMATION

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1. a. SAG Kabel has scientific and technical control of the Scientific Technical Bureau No. 4. The Russian initials for this Bureau are NTB-4. To the Germans, the Bureau is more usually known as EFEM (Entwicklung und Fabrikation Elektrischer Messinstrumente).
- b. EFEM is situated at Berlin-Oberschöneweide. EFEM has a German director, Stanneck, and a female Russian director, Borisova; the latter was previously at OLIZ (See paragraph 2 a., b.) A certain Filipenko, who was the Russian director in 1951, has now left. EFEM is attached to AEG, Treptow, for administrative and economic purposes.
2. a. EFEM receives electrical research and development assignments for the USSR from OLIZ (German form, OLIS), Leningrad, and from three Russian ministries. EFEM also conducts research for the DDR.\*
- b. 1) The word OLIZ is taken from the initials of Obshchesoyuzny Leningradski Instrumentalny Zavod, the Leningrad All Union Instrument Factory. OLIZ is otherwise known as Leningrad Works No. 531.\*\* The director is now a certain Dr. Danski. Sometime in 1951, he replaced Afanasiyev. No Germans from EFEM have ever visited OLIZ.
- 2) OLIZ exhibited some of its products at the Leipzig Fair in the autumn of 1951. They included waterproof instruments for naval use, such as rotary current phase meters and portable single phase real power meters 5/21/50 amp.150/300/450V; also, laboratory instruments such as thermoconverters 5 mA-1000 mA and frequency meters 500/1000/2500/8000 Hz, 36/100/127/220 V.
- c. The Russian ministries from which EFEM receives assignments are:
  - MEP - Ministry for the Electrical Industry (Ministerstvo Elektropromyshlennosti).

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MPSS - Ministry for the Communications Equipment Industry (Ministerstvo Promyshlennosti Sredstv Svyazi).

MES - Ministry for Electric Power Stations (Ministerstvo Elektrostantsii).

3. Russian assignments reach EFEM through SAG Kabel. Equipment is dispatched directly from EFEM to the USSR. Correspondence concerning such equipment passes normally through SAG Kabel. Correspondence from OLIZ, however, may go straight to the Russian director Borisova.
4. MEP has given EFEM the following development assignments for 1952:
  - a. Thermoelectric current meter, 20/100/300/500/1000 mA, size 50 x 50 x 30 (? mm), weight 0.6 kgs.
  - b. Needle instrument, rated frequency 400 Hz (Zeiger-Instrumente, Nennfrequenz 400 Hz).
  - c. Dial frequency meter for laboratory use.
  - d. Current meter (moving iron) for high frequencies.
  - e. Voltmeter, (moving iron type) 125 and 150 V, 300-600 Hz.
  - f. Real power meter.
  - g. DC compensator, to measure with 0.02% accuracy.
  - h. Ballistic measuring equipment.
  - i. Impulse current meter with thermoelements of specified inertia, measuring range 400 mA.
5. On 29 October 1951, Shabanov, head of the scientific department of SAG Kabel, visited EFEM. He stated that the following assignments for Russian ministries, originally due to be completed in 1952, must be ready by the end of December 1951:
  - a. Test apparatus for selenium rectifiers.
  - b. Portable DC recorder (Tintensreiber).
  - c. AC loss coefficient bridge.
  - d. Test apparatus for specific wattage loss.
  - e. Ballistical test apparatus for testing magnetic material.
6. a. In January 1952 a coercimeter (Koerzimeter) was dispatched by EFEM to:
 

Leningrad,  
Moskovskaya Tovarnaya (Stantsiya)  
Gidrograficheskii Institut  
ul. Gertsena 41.

Translated: Leningrad,  
Moscow freight station,  
Hydrographical Institute  
Gertsen Street 41.
- b. In early February 1952, EFEM had prepared for dispatch eight packing cases containing six recorders (Tintensreiber). These were for:

Gorod Omsk,  
Omskoy Zheleznoy Dorogd (Omskoy Zh. D.)  
Pochtovy Yashchik 86 (P/Ya 86)  
Tovarishchu Bachayevu, V.E.  
Otpravitel (OTPR): NTB-4  
A/O Kabel  
Yashchik 524  
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Brutto 35  
Netto 12

Translated:

Omsk,  
Omsk railroad  
Postbox 86  
for Comrade V.E. Bashayev

from EFEM  
SAG KABEL  
Case 524  
Gross 35 (kgs)  
Net 12 (kgs)

\*  Comment: It appears from Zentralamt fuer Forschung und Technik 50X1-HUM material, that EFEM may pass its research assignments to other DDR agencies.

\*\*  Comment: Possibly the All Union Instrument Factory, Leningrad 50X1-HUM # 351.

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