

50X1-HUM

## CENTRAL INTELLIGENCE AGENCY

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## INFORMATION REPORT

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SECURITY INFORMATION

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COUNTRY	East Germany	REPORT	
SUBJECT	Tasks of Scientific Technical Office No. 3 of SAG Kabel	DATE DISTR.	22 October 1953
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THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.  
THE APPRAISAL OF CONTENT IS TENTATIVE.  
(FOR KEY SEE REVERSE)

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1. Soviet acceptance officials:

- In December 1952 and January 1953, transfer documents for certain items of equipment were drawn up by NTB-3. (Scientific Technical Office No. 3 of SAG Kabel), 0112, Neue Bahnhofstrasse 7. The documents were for items of equipment developed by NTB-3 for Soviet customers according to Soviet specifications.
- Representatives of the Soviet customer ministry or other organization normally come to Berlin from the USSR to act as acceptance officials for the equipment concerned.
- In the following cases, the transfer documents were drawn up and signed by the NTB-3 representatives, but they were then held up because the acceptance officials did not appear. As of June 1953, the equipment was in each case still awaiting acceptance, but it was reported that acceptance officials were finally on the way.

<u>Task</u>	<u>Designation</u>	<u>Soviet Acceptance Official</u>
56/119 M	Instrument for holding the vertical in flight.	A.I. Zhiwuryenin
42/60 M	8-component optical recorder	A.I. Gudkov.
55/110 M	Vibration apparatus for the frequency range 20 to 300 cycles at an overload of 7.5 G.	A.I. Gudkov.
62/115 M	Vibro-recording instrument with small clearance transmitting elements of small weight	A.I. Gudkov.

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<u>Task</u>	<u>Title</u>	<u>Soviet acceptance official</u>
48/75 M	Electrocardiograph	A.S. Antoshchenko
49/76 M	Electroencephalograph	A.S. Antoshchenko

2. Details of tasks 45/67 M, 56/119 M, and 55/110 M.a. Task 45/67 M. (Amplitude meter, 100 to 300 mcs.)

This was 93% ready in April 1953. The instrument consists of the following parts:-

- 1 heterodyne receiver
- 1 ultra short wave antenna with broad band characteristics
- 1 audio frequency generator
- 1 compensating stage
- 1 "Neumann" paper attenuation recorder
- 1 mains set with carbon pile voltage regulator.

b. Task 56/119 M. (Instrument for holding the vertical in flight).

The Russian transfer documents for this apparatus show that it contains the following parts:-

- (1) One sample of the instrument consisting of four separate instruments.
- (2) One instrument for holding the vertical in flight, with a hoop for suspension.
- (3) One recording instrument, consisting of an arrangement for recording, an amplifier, and instruments for switching in.
- (4) One control panel.
- (5) One transformer.
- (6) Appurtenances and additional parts:-
- (7) Connecting cables with a plug.)
- (8) Connecting cables with a plug.)
- (9) Connecting cables with a plug.)
- (10) Connecting cables with a plug.)
- (11) Control cable with plug.
- (12) Paper recording tape - 84 rolls. (16 cm. x 200 m.)
- (13) Writing ink, blue - 2 bottles.
- (14) Writing ink, green - 2 bottles.
- (15) Writing pens, short, (green) - 2.
- Writing pens, long, (blue) - 2.
- (16) Wire for cleaning (0.2 cm.) - 3 meters.

4 of various sizes.

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(17) Brush for cleaning dust away - 2.

(18) Spare parts.

Tubes/type 6 AC 7 - 4.

Iron/hydrogen regulating - 4.  
resistances (Type Osram  
14-42/0.2A)

Illuminating lamps 24 v/0.06 amperes - 20.

Sockets for illuminating lamps - 10.

Protective shades for lamps - 5.

Low current fuses 1.6 a. - 18.

" " " 1.6 a. - 18.

" " " .0 16a. - 15.

Fuse elements - 2.

Neon lamps - 1.

Cord for breaching the disc (?) - 5.meters.

Carbon brushes for transformer(Mk-15)- 2.

Ferraris motor - 1.

Printing type - 1.set.

Glass plates - 2.

Potentiometer for transmitter R2/R3 - 2.

Potentiometer for receiver R45/R46 - 2..

Terminals for switching - 3.

Selenium rectifiers - 12.

Condenser 10 microfarads 350 volts - 1.

Condenser 3 microfarads 450/500 volts- 1.

Condenser 2 microfarads 350 volts - 1.

Condenser 1 microfarad 250/375 volts- 1.

Electrolytic condensers  
25 microfarads 25 volts - 1.

(19) Projection apparatus for deciphering entries on register - 1.

(20) Description, instructions for operating record of testing.

1 copy in Russian.

1 copy in German.

(21) Technical report

1 copy in Russian.

1 copy in German.

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- c. Task 55/110 M: (Vibration apparatus for the frequency range 20 to 300 cycles at an overload of 7.5 G).

The Russian transfer documents for this apparatus show that it contains the following parts:-

- (1) Vibration plant (driving motor with a power 1.5 kw.; drive of the "Hainau" type; oil pump; two measuring microscopes.)

Spare parts:-

- (2) 2 sets of gear-wheels with thin teeth for two-stepped transmission.
- (3) Platform
- (4) (Missing)
- (5) One housing for the vibration exciter.
- (6) Tachodynamo (sic) (Calibration must follow after installation).
- (7) One tension spring for the ....?.....
- (8) Two shaded discs, 8 x 1.5 in diameter.
- (9) Three inserted valves 10 volts 0.6 amperes.
- (10) One Pallas (sic) type pump.
- (11) One magnifying glass for examination (Askania make).
- (12) One thyatron tube, S 1/0, 2. 11A.
- (13) One oil distance switch for preventing overloading of the motor, of the type GSV 16.268108.
- (14) 5 sets of screws with T heads and with nuts and washers. (1 set - 4 pieces).
- (15) Two torsion keys for regulating the eccentrics.
- (16) One rough-surfaced transmission belt.
- (17) Five fuses for low currents - 1 ampere.
- (18) Description, instructions for operation and record of test:-
- 1 copy in Russian
- 1 copy in German
- (19) Technical report-
- 1 copy in Russian.
- 1 copy in German.

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