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GERMANY (RUSSIAN ZONE)

SCIENTIFIC/ECONOMIC/NAVAL

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manufacture of
electrical and wireless equipment

1. VEM Lokomotivbau-Elektrotechnische Werke HENNIGSDORF VEB (20.8)

Planned production for 1952 would be about 65,000,000 (DM ?), which would be about 29% more than the gross output (for 1951 ?).

2. VVB RET (28.8)

(a) The thermo fire alarm for installation in ships designed by the Gerätewerk LEIPZIG had been rejected, and the Russian building supervisors (Bauaufsicht) wished therefore to inspect the Gerätewerk LEIPZIG together with the AB ROSTOCK. (28.8)

(b) Stern-Radio BERLIN was to take over 1800 square metres of floor space which would shortly become free in their building block. (28.8)

(c) The Gerätewerk FRIEDRICHSHAGEN was to be closed down and production transferred to Stern Radio BERLIN. (27.8)

(d) Production of the Gleichrichterwerk GROSSRAESCHEN would have to stop in early September if supplies of pure cadmium were not received. The factory require about 500 kg for the next four weeks. (27.8)

3. RF1 Fernmeldewerk BREITENOW VEB

(a) Officials of the factory on 28 August included AGONZ, BRAUNSDORF, BRUNN, GANSWINDT, THEINEMANN, HETTING, KRELLHUBER, WIGNER, WEINHOLD, WICKERT.

(b) The following points were made when the August plan was discussed on 28 August:

(i) Chokes: about 4,000 would be delivered by the end of the month.

(ii) Radio sets: the target was 2000, but only 1900 could be completed because there were no chassis for the remaining 100.

(iii) "Nebenstellenanlagen I/1": the target was 355. 202 had already been tested, a further 95 were ready for testing, 25 were being adjusted, and 17 were in the quality control room. 317 had altogether been assembled (fertiggestellt), but thermofedonsätze were not available for the others.

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- (iv) "Nebenstellenanlagen I/5": 3 prototypes would be passed to the test shop before the end of the month.
 - (v) "Nebenstellenanlagen I/9": 30 had been planned for the month, but this figure must be exceeded by 10 if possible.
 - (vi) "Nebenstellenanlagen V/25": 7 sets would be tested on that day, but they were not complete because the calling and signal units, which had usually been borrowed from the ZLF were not available. One sample must be completed for the LEIPZIG Fair if possible. Two further sets were in the quality control, and 3 had been assembled. They would be ready by the target date of 31 August.
 - (vii) Speakers (Sprechzeuge): 118 so far assembled (gefertigt). The components for a further 300 would be supplied to the fitters shop on the next day.
 - (viii) "Relaisdoppelpolwechsler": the prototype would be ready at the beginning of the next week.
 - (ix) "Fernschaltgeräete": 100 were ready for despatch. 40 more would be assembled.
 - (x) "Relaisschienen": 40 were planned. Sheet metal for the cores was not available, and only 10 would reach the test shop.
 - (xi) Flat and round relays: 1000 were ready, and attempts would be made to complete another 1000 by the end of the month.
 - (xii) Dialling units (Drehwähler): FMW ARNSTADT had not yet supplied the necessary wheels.
 - (xiii) Gas lamps: the target was 400. 300 lighters and 300 "Aufsatzlampen had so far been completed.
 - (xiv) Earphone capsules: 1354 of the old model and 20 of the new had been handed over to the stores. 10,000 must be in stock for export by 15 September, and Herr KREILHUBER undertook to delivery 1000 daily, provided that holders were available.
 - (xv) Alarms: 540 were delivered in the preceding week.
 - (xvi) Contract work and repairs: dialling unit housings had been delivered regularly. The AT orders were coming to their conclusion.
- (c) The Ministry had decided that the factory should in 1952 take over manufacture of GWN (?) sets from ARNSTADT.

4. RFT Fernmeldewerk LEIPZIG VEB (7.8)

The factory's output in July amounted to only 600,000 DM, compared with the planned output of 1,600,000 DM. This meant that goods worth 1,000,000 DM extra will have to be completed during the rest of the year, as well as the new export programme. The following comments were made on July output and planned production for August:

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(1) Carrier frequency telephone apparatus:

[] - Carrier frequency telephone apparatus: Target for August - 100 apparatus. The July target of 100 apparatus could not be attained because the "Permenormblech M.42 & M.30 x 0.1 mm" could not be annealed to the correct permeability. It was essential that the 424 apparatus (200 in August and 200 in September) planned for the third quarter, including backlog, be completed on time, because production of the TFe.3. apparatus was due to start in October. Orders in hand cover production up to Apparatus No. 1122. 33 apparatus of the April programme [] have been despatched. The May programme [] is being worked on. Some components required for the June programme [] were still lacking. None of the July programme [] had been despatched because of lacking components. 50 Apparatus of the August programme should be despatched by 10 August, but only 16 were ready for despatch by 7 August. Orders have been received from Austria for 12 apparatus, and from Czechoslovakia for 29 apparatus.

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Development of TFe 3 & 4: TFe 3: all the papers had been received by 3 August. Still uncertainties, including the low capacity Kellog switches, which BAUMSCHULENWEG might make. Switches have been ordered for the 40 TFe apparatus of the prototype run. Production of TFe in this year depends on these switches.

TFe 4: no change from previous month. Drawings are available for one unit only.

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5 "Filterdämpfungsmesseinrichtungen" had been despatched.

Permeability indicators were under test with KAPPLER, and would arrive at the end of the month. There has been damage in transit from the Werk HF to apparatus.

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[] V-System :

Order [] for 5 sets consisting each of 4 "Gestellen und Schaltfeldern". Position unchanged from previous month.

Order [] for 15 amplifying - "Gestelle" and 90 intermediate amplifiers. Apparently for German Post Office.

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New export programme: negotiations had been in progress with Polish representatives.

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The factory was to take over part of the amplifier production from KOELLEDA, which factory was overloaded with work. This would be a new line for the Fernmeldewerk LEIPZIG.

"Gabel-Gestell": 8 must be delivered by the end of the year, and 8 more in the First Quarter 1952. Tenders are to be based on the experience of KOELLEDA, and sent as soon as possible to DAHA.

"Rufrelaisatz-Gestell": 5 to be delivered by the end of 1951, and 12 in First Quarter 1952. The necessary papers have been received from KOELLEDA. 50X1-HUM

"Tonfrequenz-Rufumsetzergestell": 5 to be delivered by the end of 1951, and 8 in the First Quarter 1952. KOELLEDA is still working on the drawings.

"Sicherungsgestell": 21 to be delivered of which 13 by 30.1.52.

"Nachbildsucher" and "Nachbildpruefer": 22 of each to be delivered. A development order has been submitted.

(ii) Telephone sub-exchanges:

"Gluehlampenschrank (Wandschrank)": the July target of 51 apparatus was not attained. The August target was 71 apparatus,

"Gluehlampenschrank (Standschrank)": the July target of 65 apparatus was not attained. The target for August is 42 apparatus. Order [redacted] has been completed apart from one apparatus. 50X1-HUM

Cabinets for Soviet unit: order not yet received.

Cabinets for Wigout AG: 4 to be delivered in August.

"Ortsleitungsauebertrager, gekapselt, mit Anschaltklinken": 60 have to be delivered in October.

(iii) Components for telecommunications equipment:

"Mittleres Rundrelais": only 13,000 of the 19230 planned for July were made. Target for August is 17,000.

(iv) Special accessories for telecommunications and measuring equipment:

"Relaischiene fuer ME 8": July target of 160 + 50 Repairs + 80 "Baustufe 11" was not attained. The August target is 64 + 104 backlog.

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Order [] for "Baustufe 11": drawings still 50X1-HUM
are lacking. These are apparently
being made on behalf of ERFURT for
BAUTZEN.

[] "Glimmschutzgeraet": new order [] for 50X1-HUM
150.
[]

Post Office repair programme: only 220 of the
500 planned for July were completed.
The target for August is 1000.

[] small test box: Order [] for 10. of 50X1-HUM
24 volts. Order [] has been
increased from 60 to 150 of 60 volts. 50X1-HUM

[] "Zusatzeinrichtungen". Order [] is 50X1-HUM
for 50 of model I.

Telegraphy programme: Group I is being developed
by TREPTOW -

Fernschaltgeraet TW 39
Nachbildsucher GT 39
Endsaetze DRT
Relaischienen GT 39 DRTU
Relaischienen GT 39 UT/VI/AT.

The drawings for Group 2 had to be ready by 1.6.51:

Relaisgestelle GT 39
Frequenzweichenschiene GT 39
Sicherungsgestelle GT 39
Anschlussschiene An HV 39
Anschlussschiene An TW 39
Anschlussgestell 39 mit Netzanschluss
Frequenzweichengestell GT 39

The drawings for Group 3 had to be ready by 1.8.51:

Rufumsetzergestell 150 Hz mit 10 Schienen
Rufumsetzergestell 150 Hz mit 20 Schienen
Rufzusatzschiene 150 Hz.

The drawings for Group 4 had to be ready by 30.9.51:

Fernschreibhandvermittlungsschraenke

These cabinets are required above all by Wismut AG
and State Security.

5. RFT Gerastewerk CHEMNITZ VEB (10.8)

It was planned to manufacture the following articles in the
month of August:

1000 transformers.
2600 switchboard instruments. The 600 ordered by
Hungary would be despatched during the month,
and an order for a further 400 was expected.
The order by China for 400 was also due for
delivery, but this could be postponed because
the question of packing had not yet been cleared
up.

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- 1100 petrol gauges. 600 would be supplied for BMW. Only 200 Studebaker gauges were at present under construction. The full number could not be made, but the 500 "Geber" should be made.
- nil "Multizet alt". The 200 still being worked on would be completed.
- 600 "Multizet neu". 500 would probably be finished.
- 90 table instruments "KL.0.5". } Magnets were not
60 " " "KL.1.5". } available. A Russian order was in hand.
- 150 portable wattmeters. Delivery certain.
- 4 switchboard wattmeters. Delivery certain.
- 30 10 ohm instruments. The instruments could be assembled, but there was a bottleneck in the scale marking shop, because all the instruments were of the 0.2 class.
- 10 optical galvanometers (Lichtmarken-Galvanometer).
- 30 instrumental galvanometers.
- 15 switchboard ohmmeters.
- 200 small ohmmeters. No difficulties.
- 10 portable ohmmeters.
- 5 Wheatstone bridges.
- 20 Thomson bridges. These were for Hungary.
- 100 buzzers. It would not be possible to complete the full number.
- 400 vibrators for ARMSADE. No difficulties.
- 400 vibrators for CHEMNITZ. No difficulties.
- 110 earphones. No difficulties.
- 400 twin head phones, Wismut version.
- 5000 "Thermofedersaetze".
- 500 relays "42 c".
- 300 polarized relays. 200 above this figure will probably be made. 400 B-relays have to be supplied to RADEBERG.
- 3000 voltage regulators for cars. No difficulties.
- 500 voltage regulators for motor-cycles. No difficulties.
- 550 voltage regulators for tractors. 200 are available from last month's production, and it was proposed to make only 350 tractor regulators, and make more car regulators instead. 3000 car regulators would be needed monthly until the end of the year. 1200 BMW motor-cycle regulators would be required in September, and 800 in October.
- 1500 counters (Zahlwerke). 1680 must be made by the end of the month if possible.
- 300 commutators (Umshalter).
- "Pico" miniature railway. An order has been received from Czechoslovakia.
- Nil teleprinters. 1000 must be built during 1952.

6. RFT Funkwerk KOPENICK VEB

(a) Export programme: in spite of the existing difficulties in obtaining components [redacted] the Soviet Trade Delegation was insisting on delivery by the original date of 15.11.51. The spectrometers had to be delivered by 15.10.51 (11-8.51)

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(b) The provisional plan (Perspektivplan) for 1952 was discussed on 4 August, and the following figures were given :-

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Planned production capacity 1952	2,171,304 hours
Production for the factory	15,631,440 DM
Production for sale	17,928,000 DM
Special production	653,340 DM
	<hr/>
TOTAL	34,212,780 DM

The plan does not allow for the manufacture of the Echolot, Echograf, Schallanalysator or spectrometer, but these could possibly be included under "special production".

The 1952 provisional investment plan included:

Building work	1,500,000 DM
Fittings etc.	2,314,623 DM
Instruments for development work	899,634 DM
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TOTAL	4,714,257 DM

7. RFT Roehrenwerk ERFURT VEB

The following points were among those made at a production conference held on 10 August:-

(a) Receiver valves -

<u>Type</u>	<u>Backlog at 31 July</u>	<u>Remarks</u>
EL 401	9885 valves	Cathodes supplied by NEUMANN were unsatisfactory because of lack of uniformity. It is hoped to cease manufacturing this valve, because it is pointless to manufacture both it and the RL 12 P 50, which is being made by the Werk HF. The Ministry has not yet approved this idea.
ECH 11	24128 "	Backlog will be eliminated in August.
EYY 53	7500 "	It is proposed to substitute an eight pole socket for the ten pole socket. Delays in production caused by shortage of cathodes.
LG 1	106 "	60 have been delivered so far in August. The remaining 46 will not be delivered.
LD 1	600 "	Backlog will be eliminated in August.

(b) Gnome valves

EF/UF 172	1500	"
EBF 171	1250	"
ECH 171	1250	"

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(b) continued.

Gnome valves

<u>Type</u>	<u>Backlog at 31 July</u>	<u>Remarks</u>
EL 171	1170 valves	
UEL 171	1170 "	
EL 172	1200 "	
UL 172	1200 "	

8. RFT Roehrenwerk NEUHAUS VEB (17.8)

According to the 1952 provisional production plan the factory should manufacture 1 million ordinary radio valves and 52,000 technical amplifier valves. Included in these figures are 160,000 small valves of four unspecified types.

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