

FLD 923

CENTRAL INTELLIGENCE AGENCY  
INFORMATION REPORT

REPORT

CD NO

25X1

COUNTRY

East Germany

DATE DISTR

15 October 1953

SUBJECT

Main Administration for Radio and  
Telecommunications Production

NO. OF PAGES

9

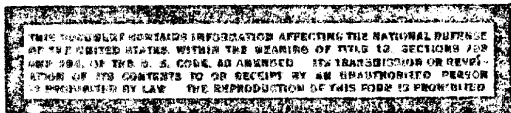
PLACE  
ACQUIRED

NO. OF ENCLS.  
(LISTED BELOW)

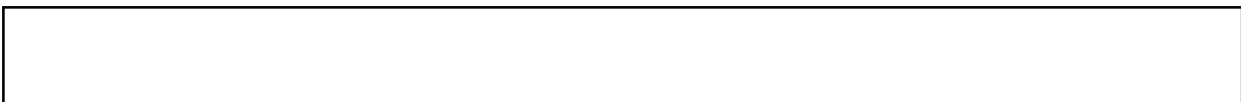
DATE OF  
INFO.

SUPPLEMENT TO  
REPORT NO

25X1



THIS IS UNEVALUATED INFORMATION



25X1

1. In March 1953, the RFT Main Administration prepared a list of subordinate plants which indicated that the 1952 economy plan amounting to about 433,000,000 eastmarks was filled about 103 percent, and that the 1953 plan amounted to 503,000,000 eastmarks.
2. In early April, the RFT Main Administration received from the Ministry for General Machine Construction a 1954 draft plan which had been prepared by the State Planning Commission. The draft plan had not yet been processed by the Main Administration.
3. The Orders Administration of the Deputy for Economic Affairs (BFW) in the Ministry of Interior gave orders to plants of the radio and telecommunication industry including:
  - a. In November 1952, a 1953 order for 700 amplifiers of 75 W, portable or to be mounted; 50 direction finders with accessories; and 3,250 transmitter and receiver sets, portable or to be built in. The order was given to the RFT Fernmeldewerk Zittau which stated that its production capacity was exhausted by this order.
  - b. In November 1952, a 1953 order for 799 NV 4147 type standard amplifiers; 350 4 W type amplifiers; 500 25 W speech amplifiers; 60 4 W speech amplifiers; 69 25 W ship amplifiers; 20 50 W ship amplifiers; 35 100 W ship amplifiers; 325 50 W VG 52150 type standard centrals; 575 100 W VG 52150 type standard centrals; 50 command switch boards; and 17 sound studio plants. The order was given to the RFT Funkwerk Koelleda which stated that its production capacity in this field was exhausted by this order.
  - c. In March 1953, an order for 1,000 page printers and 1,000 strap printers to Geraetewerk Chemnitz which could not accept an order for teletype printers as the production of this type of printers had not yet been planned.

In early April 1953, the BfW reduced, some down to 40 percent, several orders including one for direction finders given to Funkwerk Zittau, one for page printers given to Geraetewerk Chemnitz, and one for calling units given to Fernmeldewerk Arnstadt. Talks between the Deputy for Economic Affairs and the SCC in Berlin-Weissensee in April were scheduled to develop a new production plan.

CLASSIFICATION SECRET/CONTROL - U. S. OFFICIALS ONLY

25X1

STATE	X	NAVY	X	NSRB		DISTRIBUTION			
ARMY	X	AIR	X	FBI		OUT	Sw	OSI	X

SECRET/CONTROL - U. S. OFFICIALS ONLY

- 2 -

4. In December 1952, the RFT Fernmeldewerk Bad Blankenburg had an order for 4,100 tank broad band aerials to be delivered to Funkwerk Leipzig. No information was available on the purchaser and whether the aerials were scheduled to be exported or to be used in East Germany.

25X1

In July 1952, Funkwerk Erfurt had an order for three glowing transmitters of 10 k.w. to be delivered for the erection of a tube producing plant in China.

7. On 19 February, a conference of the technical subcommission for electron tubes decided to completely stop the series production of gnom-type tubes, to maintain only a small manual production plant to replace defective tubes, and to produce a miniature tube series with novel-type sockets of the Werk fuer Fernmeldewesen HF instead of gnom-type tubes.<sup>3</sup> In August 1952, the Electrical Engineering Main Administration had a program of receiver tubes to be procured in small lots in 1952 and 1953.<sup>4</sup>

8. In January 1953, DHZ Elektrotechnik ordered receiver tubes to be delivered by Werk HF in 1953, including: 45,000 ECH 81 type tubes; 50,000 EAPC 80 type tubes; 40,000 EF 85 type tubes; 16,500 UBF 80 type tubes; 14,000 UCH 81 type tubes; 14,000 UF 85 type tubes; an undetermined number of EBF 80 type tubes; and an undetermined number of EF 80 type tubes.

25X1

25X1

9. In August 1952, the 1953 export plan of DHZ Elektrotechnik included deliveries of tubes to other Eastern Bloc countries including: 200 SRS 01 type tubes; 1,000 TRS 04 type tubes; 30 SRL 05 type tubes; 20 RS 261 type tubes; 50 RS 384 type tubes produced by Funkwerk Erfurt; and 700 TS 41 type tubes produced by Werk HF.

10. [redacted] in September 1952, [redacted] plant planned to expand production to include static high voltage voltmeters, ultra short wave measuring instruments, and noise level measuring instruments.

11. In mid-March, a conference of the RFT Main Administration, with representatives of plants, including Kondensatorenwerk Gera, VEB Funkanlagenbau Koepenick, Hartmetallwerk Immelborn in Thuringia, VEM Motorenwerk Goellingen in Thuringia, and Walzwerk fuer Buntmetalle Hettstedt, determined the priority for the delivery of condensers. Orders placed with the Kondensatorenwerk Gera included: 850 high voltage<sup>5</sup> and smoothings for the big transmitter program; 188 medium frequency condensers for Hartmetallwerk Immelborn to produce sintering magnets for the reparation program; 300 medium frequency condensers for VEM Motorenwerk Goellingen to produce inductive heating plants scheduled for the Deputy for Economic Questions as well as export to the USSR and the production of sliding bearing steels in VEM Goellingen; 200 medium frequency condensers for Hettstedt to be delivered on orders from Moscow to the chief of the Administration for Soviet Properties in Germany who forwarded the order to Minister Gerhard Ziller. As the decision was in favor of Hettstedt, Kondensatorenwerk Gera was ordered to execute the Hettstedt program 100 percent, while the three other programs were scheduled to be executed in equal proportions corresponding to the remaining capacity. Kondensatorenwerk Gera was authorized to import condenser paper from Finland and allocated investment funds amounting to 240,000 eastmarks for the extension of its machinery to be able to execute the condenser program.

12. RFT Gleichrichterwerk Grossraeschen had requested a plan quota on 9,000,000 eastmarks which met the actual demand. Since the silenium supply, including the planned import, was insufficient, the plant could receive a plan quota of 4,900,000 eastmarks only, including 40 percent for the production of radio rectifiers for the period from 1953 to January 1954.

SECRET/CONTROL - U. S. OFFICIALS ONLY

25X1

SECRET/CONTROL - U.S. OFFICIALS ONLY

-3-

13. In March 1953, the RFT Berliner Glueklampenwerk had export orders for about 300,000 medical infrared devices on hand.
- 25X1 14. In March 1953, 250 page printers with Latin letters were ordered [ ] and 150 page printers each by Poland and Hungary.
15. In late March 1953, orders amounting to 3,600,000 eastmarks, given to the RFT Main Administration for the National Reconstruction Program for Berlin, were canceled.
16. Since about March 1952, Fernsprechmeldewerk Arnstadt had from China inquiries on the delivery of automatic telephone systems and trunk exchanges.

25X1 17.

18.

- 25X1 1. [ ] Comment. For a [ ] list of plants of the RFT Main Administration, see Annex 1.
- 25X1 2. [ ] Comment. For [ ] the proposed 1954 production plan of the RFT Main Administration, see Annex 2.
- 25X1 3. [ ] Comment. For a [ ] plan on the 1953 tube production by RFT plants as per July 1952, see Annex 3.
- 25X1 4. [ ] Comment. For a [ ] tabulation on receiver tubes to be procured or developed in 1952 and 1953, see Annex 4.
- 25X1 5. [ ] Comment. The word "condenser" appears to have been omitted.

SECRET/CONTROL - U.S. OFFICIALS ONLY

SECRET CONTROL - U. S. OFFICIALS ONLY

25X1

- 4 -

Annex I

Enterprises of the Main Administration for Radio and  
Telecommunications Engineering (IV Radio- und Fern-  
meldetechnik) (IV RFT)

	Quota 1952 in 1,000 DME	1953	Amount Attained 1952	Employees as of December 1952
<u>Direct Enterprises:</u>				
1. Fernmeldewerk Arnstadt	15,374	18,811	16,148	2,322
2. Röhrenwerk Buchhausen	2,260	6,826	1,263	671
3. Röhrenwerk Anna Seegers Neuhaus	14,077	16,850	16,549	1,570
4. Glühlampenwerk Dresden	16,900	15,930	15,982	574
5. Glühlampenwerk Berlin	39,557	49,890	43,688	3,401
6. Fernmeldewerk Leipzig	14,350	16,116	13,447	1,869
7. Geräterwerk Chemnitz	15,005	24,371	14,692	1,601
8. Glühlampenwerk Plauen	10,562	13,090	10,056	319
9. Fernmeldewerk Treptow	13,555	15,020	12,211	2,340
10. Phoenix Röntgenröhrenwerk Rudolstadt	4,021	4,361	4,361	385
	<u>146,271</u>	<u>181,240</u>	<u>148,397</u>	<u>15,500</u>
Administered Enterprises (see below)	275,861	321,776	284,424	28,351
<b>Totals:</b>	<u><u>422,132</u></u>	<u><u>503,016</u></u>	<u><u>432,821</u></u>	<u><u>43,911</u></u>

List of Administered Enterprises

11. Drahtwerk Teltow	22. Glühlampenwerk Eisenach
12. Industriedruck Babelsberg	23. Glühlampenwerk Oberweissbach
13. Anlagenbau Brandenburg	24. Leuchtstoffwerk Bad Liebenstein
14. Gleichrichterwerk Grossraeschen	25. Stern-Radio Sonneberg
15. Anlagenbau Cottbus	26. Fernmeldewerk Bad Blankenburg
16. Anlagenbau Rostock	27. Kondensatorenwerk Gera
17. Stern-Radio Stassfurt	28. Fernmeldewerk Bautzen
18. Anlagenbau Magdeburg	29. Fernmeldewerk Zittau
19. Funkwerk Koellida	30. Funkwerk Dresden
20. Fernmeldewerk Nordhausen	31. Funkwerk Zittau-Obererf
21. Anlagenbau Erfurt	32. Geräterwerk Radebeul

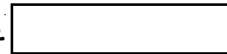
SECRET/CONTROL - U. S. OFFICIALS ONLY

~~SECRET/CONTROL~~ - U. S. OFFICIALS ONLY

25X1

- 5 -

Annex 1



33. Elektro- und Radiozubehoer Dorfheim
34. Anlagenbau Dresden
35. Funkwerk Leipzig
36. Geratetwerk Leipzig
37. Anlagenbau Leipzig
38. Stern-Radio Rochlitz
39. Elektrofeinmechanik Mittweida
40. Kondensatorenwerk Freiberg
41. Messgeratetwerk Zwenitz
42. Stern-Radio Berlin
43. Signalbau Berlin
44. Anlagenbau Berlin
45. Fernmeldebetriebe Anlagenbau Berlin
46. Mik : Gussst Leipzig (in trust)
47. Daco-Elektro GmbH (in trust)
48. Technische Physikalische Werkstaetten  
Thalheim (now enterprise outside the  
local area)

~~SECRET/CONTROL~~ - U. S. OFFICIALS ONLY

SECRET/CONTROL - U. S. OFFICIALS ONLY

25X1

- 6 -

Annex 2

Proposed 1954 Production Plan of the Main  
Administration for Radio and Telecommunications

<u>Plan Position</u>	<u>Quantity (in thousands)</u>	<u>Value (in 1,000 DM)</u>
51 46 100	25,000	ca. 14,000
51 46 200	200	4,250
51 46 900	100	2,500
51 47 100	1,500	3,600
51 47 900	17,500	6,950
51 48 000		46,000
Straight circuit receivers (Geradesensmpfaenger)	150	13,500
Small and medium superheterodynes (Klein- und Mittelsuper)	485	154,200
High-power superheterodynes (Gross-super)	60	31,500
Portable receivers (Kofferempfaenger)	31	
Automobile receivers (Autoempfaenger)	20	16,100
Radio-phonograph combinations (Musikschraenke)	12	10,000
UHF adapters (UKW-Vorsatzgeraete)	10	800
Television receivers (Fernsehempfaenger)	45	45,000
a. for export	40	
b. for domestic use	5	
51 51 110	6,500	65,000
51 51 120	100	2,300
51 51 130	100	40,000
(including metal ceramic tubes for export 90)		
51 51 990		99,500
51 52 000		31,000
51 66 110	124,500	7,200
51 66 120		21,000
51 66 130		9,000
51 66 140		3,000

SECRET/CONTROL - U. S. OFFICIALS ONLY

SECRET/CONTROL - U. S. OFFICIALS ONLY

25X1

- 7 -

Annex 2

<u>Plan Position</u>	<u>Quantity (in thousands)</u>	<u>Value (in 1,000 DM)</u>
51 66 210		20,000
51 66 220		6,000
51 66 310		23,000
51 68 000		22,600
51 69 000		45,000
51 71 000 (exclusive of HF equipment)		72,220
51 72 000		77,500
51 73 000		9,500
51 74 000		6,100
51 76 000 (HF equipment, new plan position)		5,000
		<u>273,920</u>

SECRET/CONTROL - U. S. OFFICIALS ONLY

SECRET/CONTROL - U. S. OFFICIALS ONLY

25X1

- 8 -

Annex 3

25X1

1953 Tube Production Plan

Status as of June 1952

Plan Position	Funkwerk Erfurt		Roehrenwerk Neuhaus		Roehrenwerk Muehlhausen	
	A	B	A	B	A	B
51 51 110 Radio receiver tubes	1,800	20,560	1,183	12,390	350	6,970
51 51 120 Technical tubes	2	32	70	1,506	13	210
51 51 130 Transmitter tubes	6	2,880	-	-	-	-
51 51 990 Other tubes	-	2,470	-	-	-	-

A: Quantities in 1,000 items

B: Value in 1,000 DEM

Included in the production area: 50% of Series E 11 and U 11

35% of the Omcm series (Production to be adjusted in the meanwhile)

10% of the D series



SECRET/CONTROL - U. S. OFFICIALS ONLY

25X1

- 9 -

Annex 4

Receiver Tubes to be Procured or Developed 1952 - 1953Status as of August 19521952

Production of 1,000 each of the following tubes:

DY 01 Diode for high tension generator in a four-line-sweep apparatus.  
Produced by Werk HF for Sachsenberg Radeberg.

EL 173

EC 271

EA 271

EDD 171

EM 171

UM 171

DF 161 ) Sub-miniature tubes for weather radio, model navigation;  
DL 161 ) special and sample tubes were procured in West Germany.

The Office for Economic Affairs (BEW) ordered the following:

FC 193

EF 176

EF 177

ECC 171 There is a priority order for over 5,000 ECC-171 tubes

1953

During 1953, 10 of each of the following tubes are to be produced:

EQ 171 Similar to the EQ 80

EF 175 UHF tube

ECC 172 Equivalent to the West German ECC 81

ECP 174 UHF cyclic design (UKW-Pendelvorsatz)

EA 191 Similar to the SA 100

EH 171 Unidentified special tube. Equivalent to the West German AH 100.

SY 11 Similar to the RG 62. For the subsequent development of this tube, which is extremely vital to HV Secopolizei, a special collective was established, with a 10,000 DME bonus for the successful development of the tube.

SECRET/CONTROL - U. S. OFFICIALS ONLY