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CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

REPORT NO

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COUNTRY **East Germany**
SUBJECT **Gears Produced by East German Plants**

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SUPPLEMENT TO REPORT NO.

The following list shows the allocation of the production of the various types of gears among the plants under VVB ABUS. This allocation was decided upon at a meeting held on 23 September 1952 by the specialist group, the plant managers and the plant technical managers.

VVB ABUS
Plant

1. Spur gear system:

- a. Single stage spur gear system with horizontal enclosures, finished with roller bearings for axle bases up to 360 millimeters, Leipzig type E; axle base 380 to 670 millimeters, Coswig type EV Leipzig 1
Coswig 2
- b. Single stage spur gear system with horizontal enclosures and friction bearings for axle bases up to 1,100 millimeters, Penig type EG; from axle base of 1,100 millimeters or more, Dessau type ED Penig 3
Dessau 4
- c. Single stage spur gear system with overlapping enclosures and roller bearings, Coswig type EVc Coswig
- d. Two stage spur gear system with roller bearings and parallel toothed wheels, axle base of 360 millimeters Leipzig type Z Leipzig
- e. Two stage spur gear with roller bearings and tandem shafts; axle base of 280 millimeters to 820 millimeters, Penig type Dv Penig
- f. Two stage spur gear system with friction bearings and tandem shafts, axle base up to 1,250 millimeters, Penig type Dg; axle base over 1,250 millimeters, Dessau type ZD Penig
Dessau

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		THE ADUS Plant
c.	Three stage spur gear with roller bearings, Coswig type MVL (exceptions only) Leipzig type SDZ	Coswig Leipzig
h.	Three stage spur gear system with friction bearings, axle base 1,530 to 3,850 millimeters Dessau type DD	Dessau
1.	Four stage spur gear system with roller bearings Leipzig type DDZ	Leipzig
2.	<u>Crane gear</u>	
a.	Single stage crane gear type EKe and EK	Leipzig
b.	Two stage crane gear, axle base 224 to 1,400 millimeters, Leipzig type BHS	Leipzig
c.	Three stage crane gear, axle base 375 to 1,700 millimeters, Leipzig type CHS	Leipzig
3.	<u>Level gearing</u>	
a.	Coswig type KG and KGv	Coswig
4.	<u>Cone spur gear system (.egelstirnradgetriebe)</u>	
a.	Two stage cone spur gear system, horizontal, Leipzig type KSZ	Leipzig
b.	Two stage cone spur gear system, vertical, Coswig type KSw; Special types SIS	Coswig Leipzig
c.	Three stage cone spur gear system, horizontal, Penig type KD	Penig
d.	Three stage cone spur gear system, vertical, Coswig type LSSv	Coswig
e.	Four stage cone spur gear system, horizontal, types KM and KSDZ Special types (ball scoop and SIS)	Coswig Leipzig
f.	Four stage cone spur gear system, Coswig type KMv	Coswig
5.	<u>Motor Flange Gear</u>	
a.	Single stage spur gear system, Coswig type FF and FFv	Chemnitz 5
b.	Two stage spur gear system, horizontal, Chemnitz type EG	Chemnitz
c.	Two stage spur gear system, vertical, Leipzig type V and VL	Chemnitz
d.	Three stage spur gear system, Chemnitz type DRG	Chemnitz
e.	Two stage cone spur gear system, Leipzig type WFI Motor flange gear, special model	Leipzig Penig
f.	Three stage cone spur gear system, Leipzig type WFG	Leipzig

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VVB AFUS

Plant

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|-----|--|---------------------|
| 6. | <u>Worm gear</u> | |
| a. | Worm gear up to axle base 460 millimeters,
Coswig type HG | Coswig |
| b. | Worm gear over axle base 460 millimeters
(special construction) | Gotha 6 |
| c. | Cylinder, worm gear with axle base up to
361 millimeters for special purposes,
data ZKB Coswig | Coswig |
| 7. | <u>Roll crusher gear</u> | |
| | Coswig construction | Coswig |
| 8. | <u>Traveling grate gear</u> | |
| | Coswig construction | Coswig |
| 9. | <u>Planing machine gear</u> | |
| | Dessau construction | Dessau |
| 10. | <u>Motor vehicle gear</u> | |
| | Foreign construction | Gotha |
| 11. | <u>Ship's reversing gear</u> | |
| | Still to be decided | |
| 12. | <u>Ship's gear</u> | |
| | Dessau construction | Dessau |
| 13. | <u>Ship's turbine gear</u> | |
| a. | Up to 15 tons in weight, Penig
construction | Dessau |
| b. | Over 15 tons in weight, Dessau
construction | Dessau |
| 14. | <u>Turbogear (Turbogetriebe)</u> | |
| | Penig construction type Etu | Penig |
| 15. | <u>Switching gear for machine tools</u> | |
| | Chemnitz type M. | Chemnitz |
| 16. | <u>Regular gear, without stages</u> | |
| a. | Regular chain gear, without stages | Kernigerode 7 |
| b. | Regular chain gear, without stages
Coswig construction type DGS | Coswig |
| c. | Regular hydraulic drive, without stages | Gotha |
| d. | Gear without break in traction | Gotha |
| 17. | Special gear | still to be decided |

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 Comments. The following addresses are from the 1952 Leipzig Fair Directory:

1. There are two VVB ABUS plants in Leipzig which appear to produce these items:

VEB Getriebewerk Leipzig, Leipzig W31
Markenstaedterstrasse 37/39

VEB Getriebebau Leipzig, Leipzig W35
Franz-Flemming-Strasse 19

2. VEB Getriebefabrik Coswig, VVB ABUS, Coswig, Saxony, Grenzstrasse 5.
3. VEB ABUS-Peniger Maschinenfabrik, Penig, Saxony.
4. VEB ABUS-Maschinenfabrik u. Eisengiesserei Dessau, Saxony/Anhalt, Kabelweg.
5. VEB Getriebewerk Chemnitz VVB ABUS, Chemnitz, Saxony, Wiesenstrasse 43.
6. VEB Maschinen- u. Zahnraderfabrik Gotha VVB ABUS, Gotha, Thuringia, Karl-Liebknecht-Strasse 26.
7. VEB Getriebewerk Wernigerode VVB WMW, Wernigerode, Harz, Feldstrasse 5.

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