



'300AB' Country of origin: Czechoslovakia

DATA SUMMARY

Organisation: ŠtB - Štátna bezpečnosť (Secret State Police) and Správa 1 - rozviedka. (Government, Department 1, espionage).
Design/Manufacturer: Správa 6 - spojovacia technika. (Government, Department 6, communication technics).
Year of Introduction: 1961.
Purpose: Agents; probably diplomatic service.
Transmitter: RF PA driven by a 300A. CW only.
Frequency coverage: 10-18MHz.
RF output: 200W.
Valves: QE08/200.
Power Supply: Built-in 220V AC mains power supply.
Size (cm): Height 15, Length 33, Width 23.
Accessories: 300C aerial tuning unit, 300A transmitter.

REMARKS

The 300AB was a high power transmitter combination comprising a 300A transmitter (See Chapter 73) used as driver to a 300B high power RF amplifier and a 300C aerial tuning unit. It was used for communication in international espionage outside Europe, first in Congo (1961), and from 1965 to 1968 in Kurdistan (North Iraq). The RF amplifier 300B was developed to solve the frequent communication problems between Congo and the central station in Czechoslovakia as the 300A with only 20W RF output was not powerful enough. A separate aerial tuning unit 300C was issued for matching symmetrical aerials.



General view of 300B RF amplifier. The left hand part was taken by the RF part and the other side by the heavy mains power unit.



Rear view of 300B RF amplifier showing the QE08/200 valve and RF tank circuit.

References:

This chapter is an abridged version based on a full account of the 300AB described in www.cryptomuseum.com. Photos taken from the 300AB held in the collection of the museum, and information from their website was published with kind permission of the Crypto Museum, Eindhoven, Holland.