



NS 30  
(Armia Krajowa #6)  
Country of origin:  
Poland

**DATA SUMMARY**

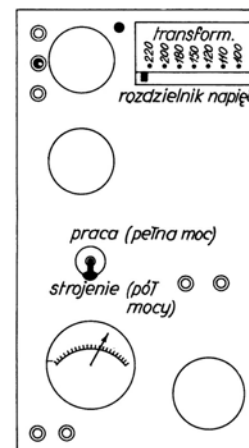
**Organisation:** Polish Home Army (Armia Krajowa).  
**Design/Manufacturer/Workshop:** Secret AK workshops.  
**Year of Introduction:** Not known.  
**Purpose:** Transmitter for Polish Home Army.  
**Transmitter NS 30:**  
**Frequency coverage:** 2-9.4MHz in two ranges: 2-4MHz and 3.9-9.4MHz  
**Circuit features:** Crystal oscillator, RF power amplifier.  
**Valves:** EBC3, 807 and AZ1.  
**Aerial:** Wire and counterpoise.  
**Power Supply:** 110-220V AC mains.  
**Dimensions (cm):** Height 9, length 28½, width 18.7.

**REMARKS**

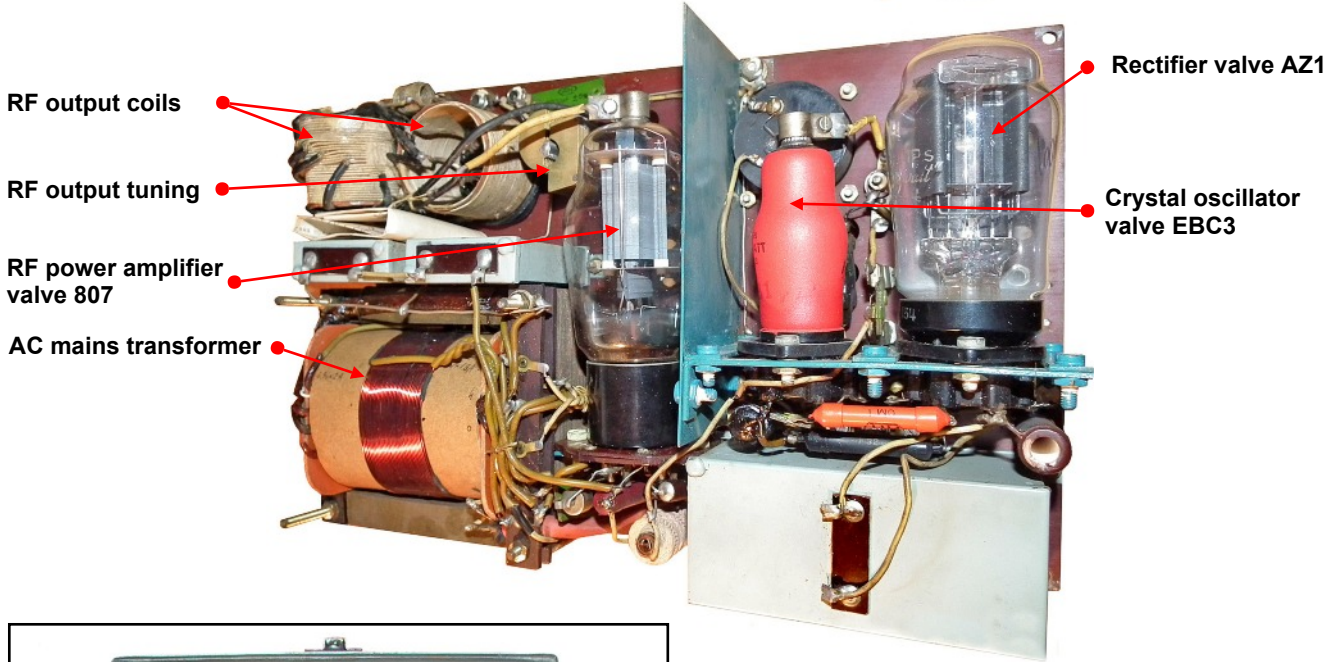
The NS 30 was a self contained short-wave transmitter enclosed in a metal tool box, constructed in secret workshops in occupied Poland, used by the Polish Home Army. It was believed to be a variation of the NSP III described in Chapter 295. Its main characteristics, compared with the NSP III, were a wider frequency coverage in two ranges, although without the possibility to connect a separate DC power source. The RF output valve was an 807. The drawing below shows a possible variation with only a single frequency range.

**References:**

- Photographs, drawing, and information courtesy Bogdan Szkudlarek, SP3LD, Poland.
- *Zolnierze Lacznozej Warszawy* (Communications soldiers of fighting Warsaw), Kazimierz Malinowski, Warszawa, 1983, isbn 83-211-0378-2.
- *Wireless for the Warrior, Volume 4, Clandestine Radio*, Louis Meulstee, Wimborne, 2004, isbn 095263 36 0.



**Drawing of an unknown Polish transmitter having similarities to both NSP III and NS 30.**



Internal view and explanation of main components of the NS 30 transmitter.

