



NP-3/OP-3
Country of origin:
Polish in England

This supplement chapter replaces the 'UB' section in the 'Poland' chapter of WftW Volume 4.

DATA SUMMARY

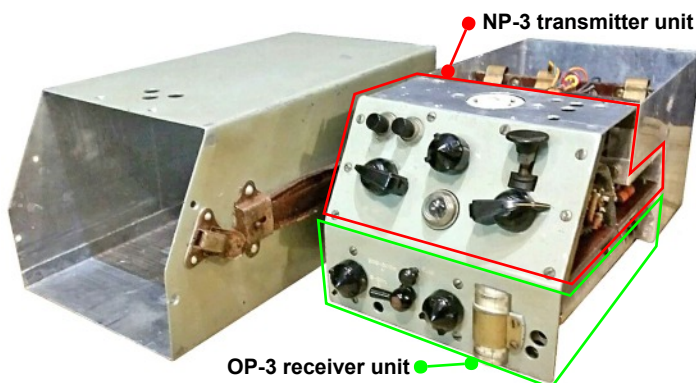
Organisation: Polish Home Army (Armia Krajowa); SOE.
Design/Manufacturer: Polish Military Wireless Research Unit, Stanmore, England. (Polski Wojskowy Warsztat Radiowy)
Year of Introduction: Probably 1944.
Purpose: Agents, partisans, resistance, SOE.
Transmitter: Basically a NP-3A.
Circuit Features: Crystal oscillator/RF power amplifier. CW only.
Frequency Coverage: 3.5-9MHz.
Valve: 3A5.
Receiver: Principally an OP-3.
Circuit Features: Mixer/osc, regenerative IF, det/AF, AF. AM R/T and CW.
Frequency Coverage:
 Range 1: 0.6-1500kHz (200-500m).
 Range 2: 2-5MHz.
 Range 3: 5-12MHz.
Valves: 1R5, 1T4 (2x), 1S5.
Power Supply: 1.4V LT (three D cells in parallel), three HT batteries of unknown voltage.
Size (cm): Height 11, length 27½, width 13.
Accessories: Wire for aerial (dipole) and earth, crystals, headphones, spare batteries.

REMARKS

The NP-3/OP-3 was a self contained miniature transmitter receiver developed and built in WW2 by the Polish Military Wireless Research Unit in Stanmore.
 The set was principally a combination of the Polish OP-3 receiver and NP-3A transmitter (See the 'NP-3', 'OP-3' and 'UB' sections in the 'Poland' chapters of WftW Volume 4), housed in a single enclosure, complete with batteries and built-in Morse key. The NP-3A transmitter had symmetrical terminals for connecting a dipole aerial, a feature found in all the Polish agents radios developed in England. 287 units of the OP-3 receiver were reportedly produced but only a small number of the NP-3 and NP-3A.
 Of the very rare combined OP-3/NP-3 a few dozen were made according to one source. The NP-3/OP-3 was described in 'Adversary Agent Radios', a CIA document which was used to prepare the 'UB' section in WftW Volume 4 in 2004 with only recently found incorrect information.



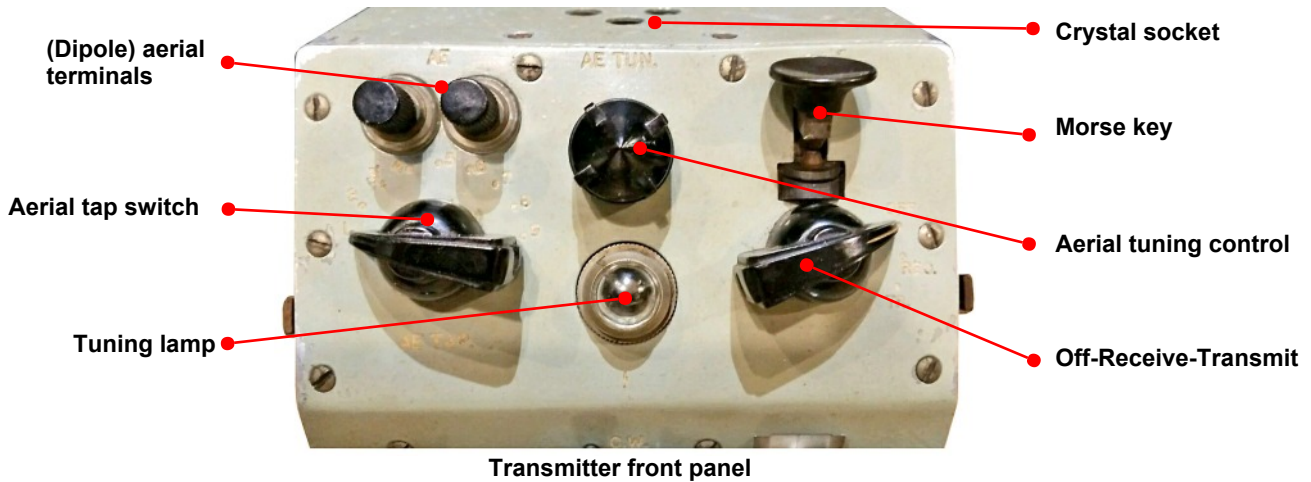
NP-3/OP-3 with protective front panel cover fitted, ready for transport.



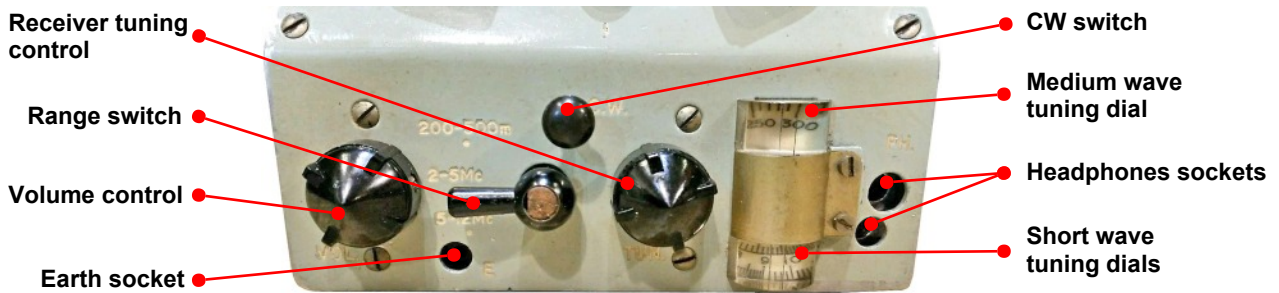
General view of the NP-3/OP-3 removed from its enclosure.

References:

- Photographs courtesy eBay seller 'Francis Kay Vintage', Exeter, South Devon, UK.
- Photo of an OP-3 receiver taken by Mike Willenbroek, Holland.
- 'Adversary Agents Radios' by James J. Fauth, *Studies in Intelligence*, pp 60, Vol. 10 (Winter), 1966. This article was declassified in 1994.

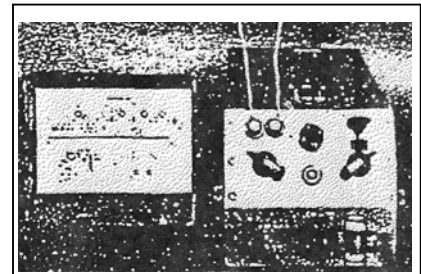
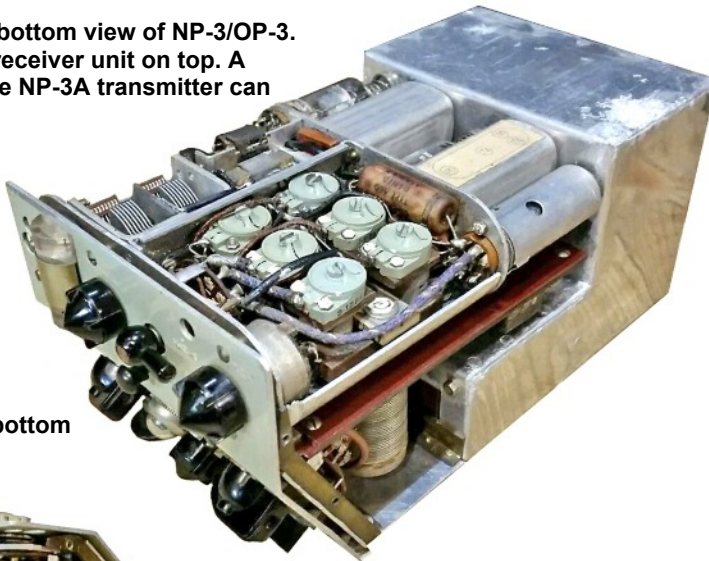


Transmitter front panel



Receiver front panel

Left hand side bottom view of NP-3/OP-3. Note the OP-3 receiver unit on top. A small part of the NP-3A transmitter can be seen below.



NP-3/OP3 captured in late 40s-early 50s, pictured in a declassified CIA article revealing its actual use after 1945.

Right hand side bottom view NP-3/OP-3.



Top view of the NP-3/OP3 showing Morse key adjustments, crystal socket and battery compartment.

