



Unknown Partisan set Country of origin: Russia

DATA SUMMARY

Organisation: GRU/Partisan organisations.
Design/Manufacturer: Russia.
Year of Introduction: Unknown, believed 1942/43.
Purpose: Partisan groups. Probably agents/special forces.
Receiver: TRF with aperiodic RF stage, regenerative detector and AF amplifier. AM R/T and CW.
Transmitter: CO, RF Power amplifier. CW only.
Frequency coverage: Unknown; possibly 3-6MHz.
Valves: Receiver 2K2M 3x; Transmitter 2P4M (SB244) 2x.
Power Supply: Dry batteries, believed 3V LT and 120/240V HT.
Size (cm): Height 11.5, Length 23.6, Width 10.4, Weight 1.9kg.
Accessories: Headphones, batteries, crystals, aerial and counterpoise.

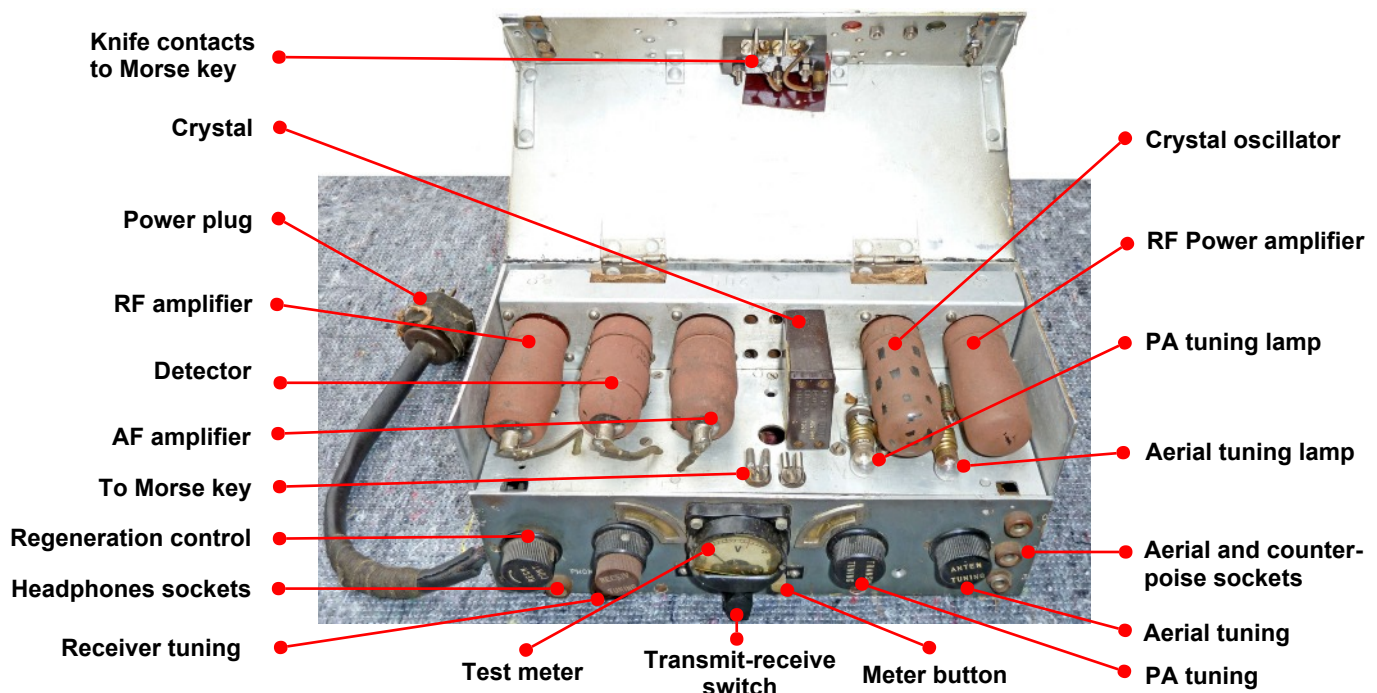
REMARKS

The 'Unknown Partisan set' was a small battery operated CW transmitter-receiver primarily developed for partisan communication, but possibly also by agents and special forces. It was found in Finnmark (North Norway), where during the war several Norwegian/Soviet partisan groups were active. Though not having much direct resemblance, the 'Unknown Partisan set' had a number of mechanical, electrical and operational elements which might indicate the same factory and/or designer team as the Sever. The serial number of the set was 205, punched in the hinged lid of the enclosure and in the transmitter-receiver chassis. The actual set was comprised of a transmitter-receiver chassis which would slide into a enclosure with hinged top. Valves and crystal were easy accessible in a compartment on top via the hinged lid. The (unfortunately missing) Morse key was fitted on (or partly behind) the front panel section of the hinged top and connected to the transmitter via a couple of contacts to the main chassis.

References:

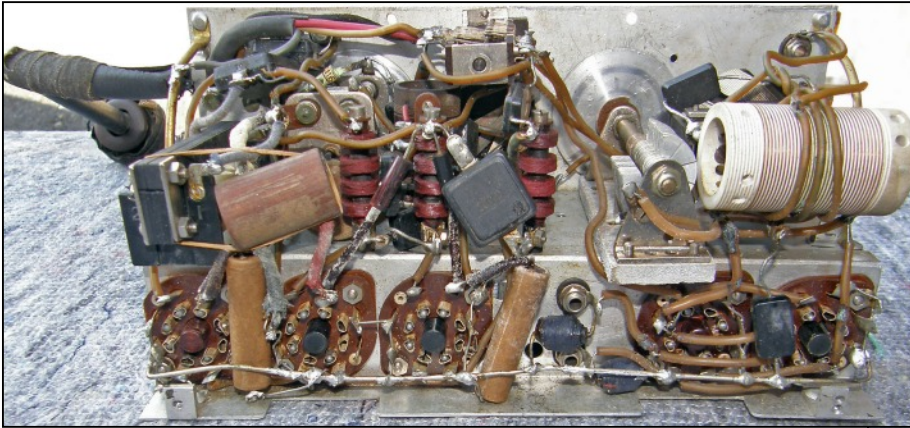
- Photographs and information kindly provided by Hans Saethre, LA9LT and Tommy Antonsen, LA9LE, Norway.

Note: The two banana type sockets on top of the front panel of the set in the photo above were a much later addition, intended for connecting a Morse key.



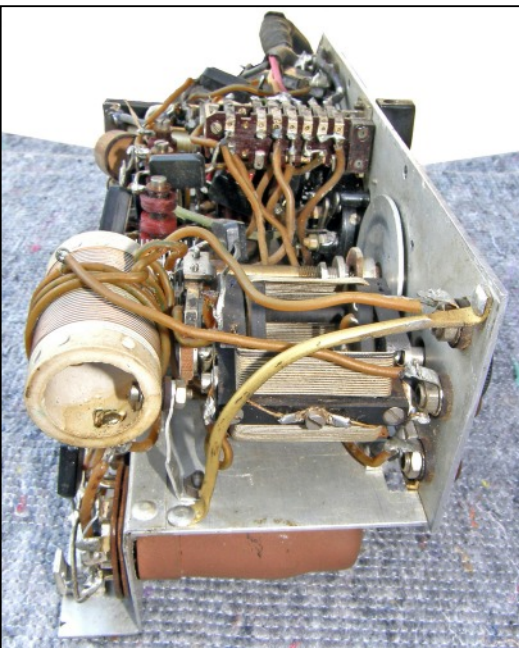
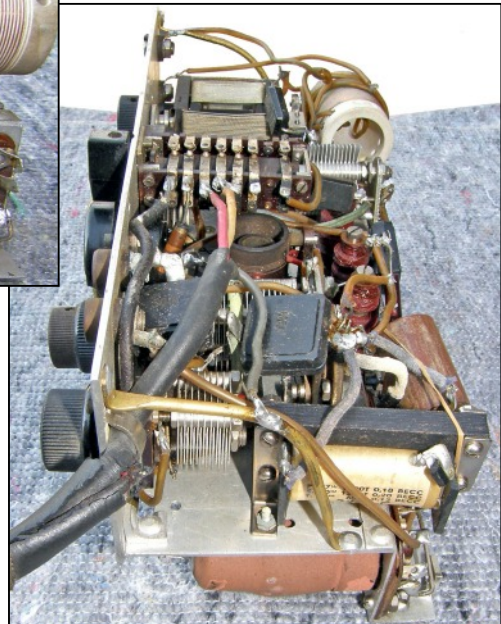


Transmitter-receiver chassis removed from its enclosure showing the front panel and positions of valves. Note the two contacts in front of the crystal leading via knife contacts to the Morse Key on the hinged top.



Rear and bottom view. (above)

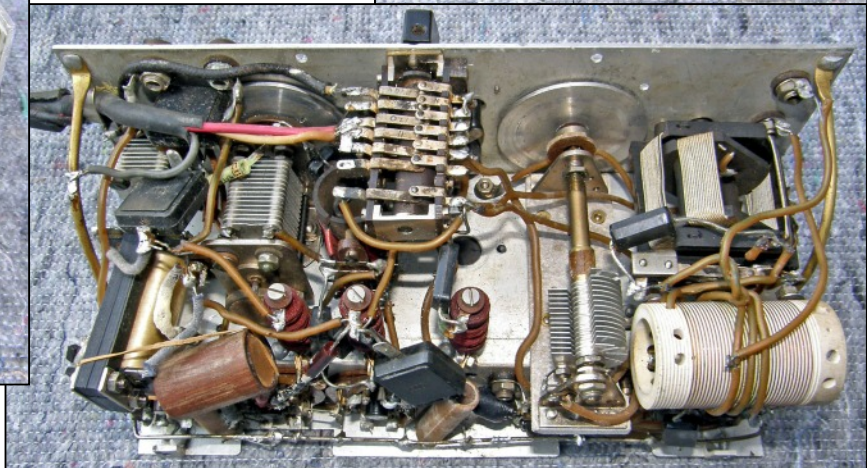
Bottom view seen from left hand side. (Below)



Bottom view seen from right hand side showing RF tank coil and variometer. (Above)



Close up view of the power plug.



Bottom view giving an overall view of the construction of the set.