

'SHF agents'
Country of origin:
GDR

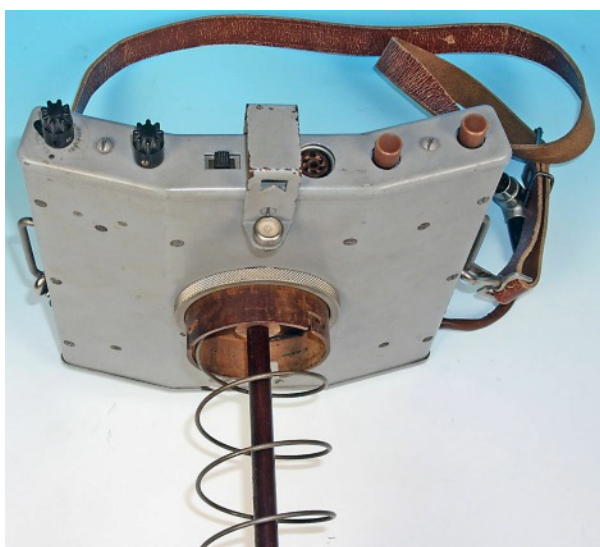
General view of 'SHF agents' set: transmitter-receiver with removable four windings helical aerial attached (left), NiCd battery box (top right), DC/DC converter. (bottom right) The three units were attached to a belt and carried on the body supported by a brace belt.

DATA SUMMARY

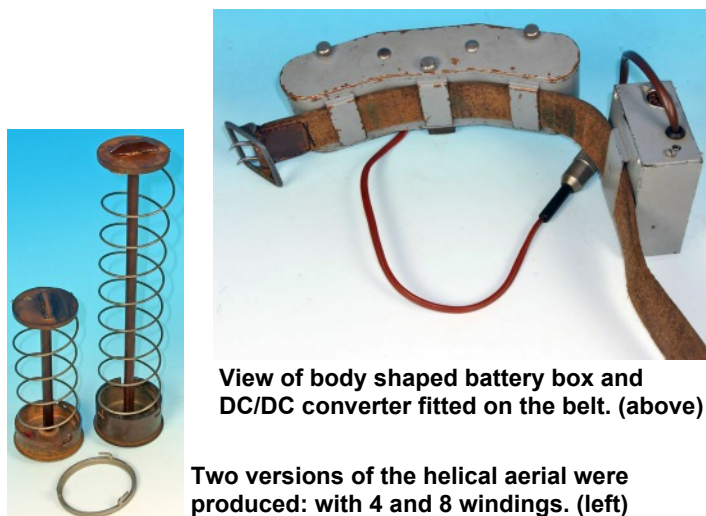
Organisation: MfS (HVA).
Design/Manufacturer: Department 'Sondertechnik', Berlin.
Year of Introduction: 1964.
Purpose: Agents SHF directional radio link for voice communication across the border.
Frequency: Unknown, estimated 12cm (2.5GHz)
Power Supply: Rechargeable NiCd accumulators and separate DC/DC converter for HT.

REMARKS

The 'SHF agents' (type number not known) set was part of a short range SHF directional radio link which allowed an agent to communicate in voice across the border to a corresponding Type 2031 'SHF home' transmitter-receiver .
 The complete set was attached to a leather belt and inconspicuously carried on the body covered by a wide cloak. The transmitter-receiver and battery box were body shaped for concealment and easy carrying.
 The SHF directional radio link was used before the introduction of infra-red light voice communication, working on a different media, though both systems were operationally and functionally similar.



Top view of 'SHF agents' transmitter-receiver unit showing controls and push to talk button. For ease of using the set, the microphone was fitted on a short boom and plugged into the 5-point DIN socket on top.



View of body shaped battery box and DC/DC converter fitted on the belt. (above)

Two versions of the helical aerial were produced: with 4 and 8 windings. (left)

References:

- Photographs and info courtesy Detlev Vreisleben, Germany.