



FSS-7 (Part of SP-15)  
Country of origin: Germany W



**DATA SUMMARY**

**Organisation:** Bundesnachrichtendienst (BND), FRG.  
**Manufacturer:** Pfitzner, Wandel & Goltermann, Germany.  
**Year of Introduction:** Early 1960s.  
**Purpose:** Agents, Stay Behind and Special Forces.  
**Transmitter:**  
**Circuit details:** CO/RF power amplifier. (CW only)  
**Frequency coverage:** 2.5-24MHz in 6 ranges:  
 2.5-3,3-4, 4-5, 5-8, 8-14, 14-25MHz.  
**Valves:** EL95, EL81. (OC450 transistor)  
**RF output:** 20W or 8W with reduced power.  
**Receiver:** FE-7 (see chapter 108) and other models.  
**Power Supply:** 95-235V, 50-60Hz mains or 12V DC using a separate DC power supply.  
**Size (cm) and weight (kg):**

	height	length	width	weight
FSS-7 transmitter	4.5	17	12	1.2
AC mains power supply	4.5	17	12	1.9
DC power supply	4.5	17	12	1.2

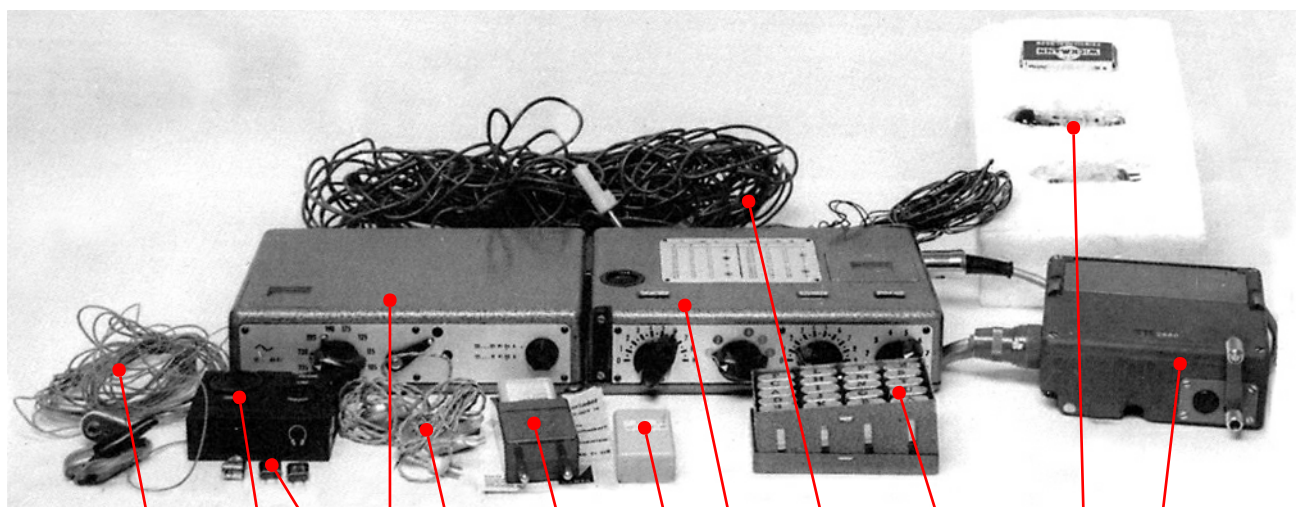
**Accessories:** Crystals in box, Morse key, aerial and earth wire, high speed Morse keyer, spare parts.

This Supplement chapter is a follow up and should be read in conjunction with the SP-15 section in the 'Germany after 1945' chapter of WftW Volume 4 for more detailed information, b/w pictures and circuit diagrams.

**REMARKS**

The FSS-7 transmitter was developed for use by BND agents, Stay Behind and Special Forces as part of the SP-15 station. It was the successor of the KSG-Sender (chapter 55), and introduced in the early 1960s. *The SE 25, used by GDR agents operating in the FDR was a direct copy, but with a smaller frequency coverage. (chapter 60).* The FSS-7 could be hand keyed, but was normally issued with a high speed Morse keyer, initially a KSG Geber (chapter 96), but later type RT-3 and GRA-71. The associated receiver was a FE-8 (see chapter 108) which was produced by Wandel & Goltermann in Germany. Noted is the use of an FE-10 receiver (picture below and described in chapter 33). In the 1970s the SP-15 was replaced by the SP-20.

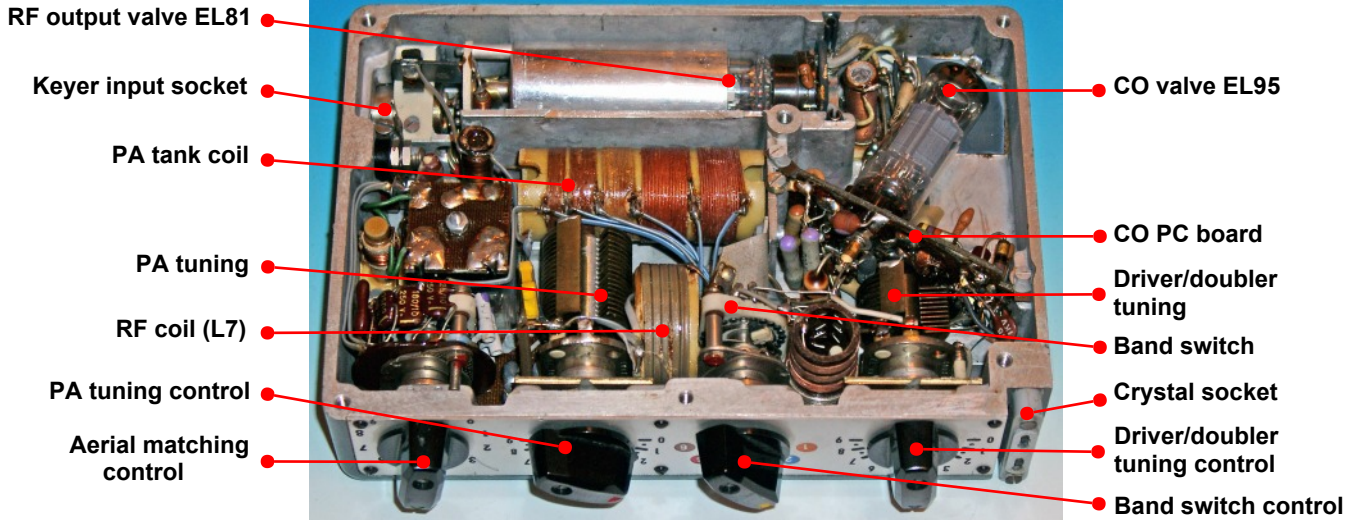
For more and very detailed information see the SP-15 page of the Crypto Museum website [www.crypto-museum.org](http://www.crypto-museum.org)



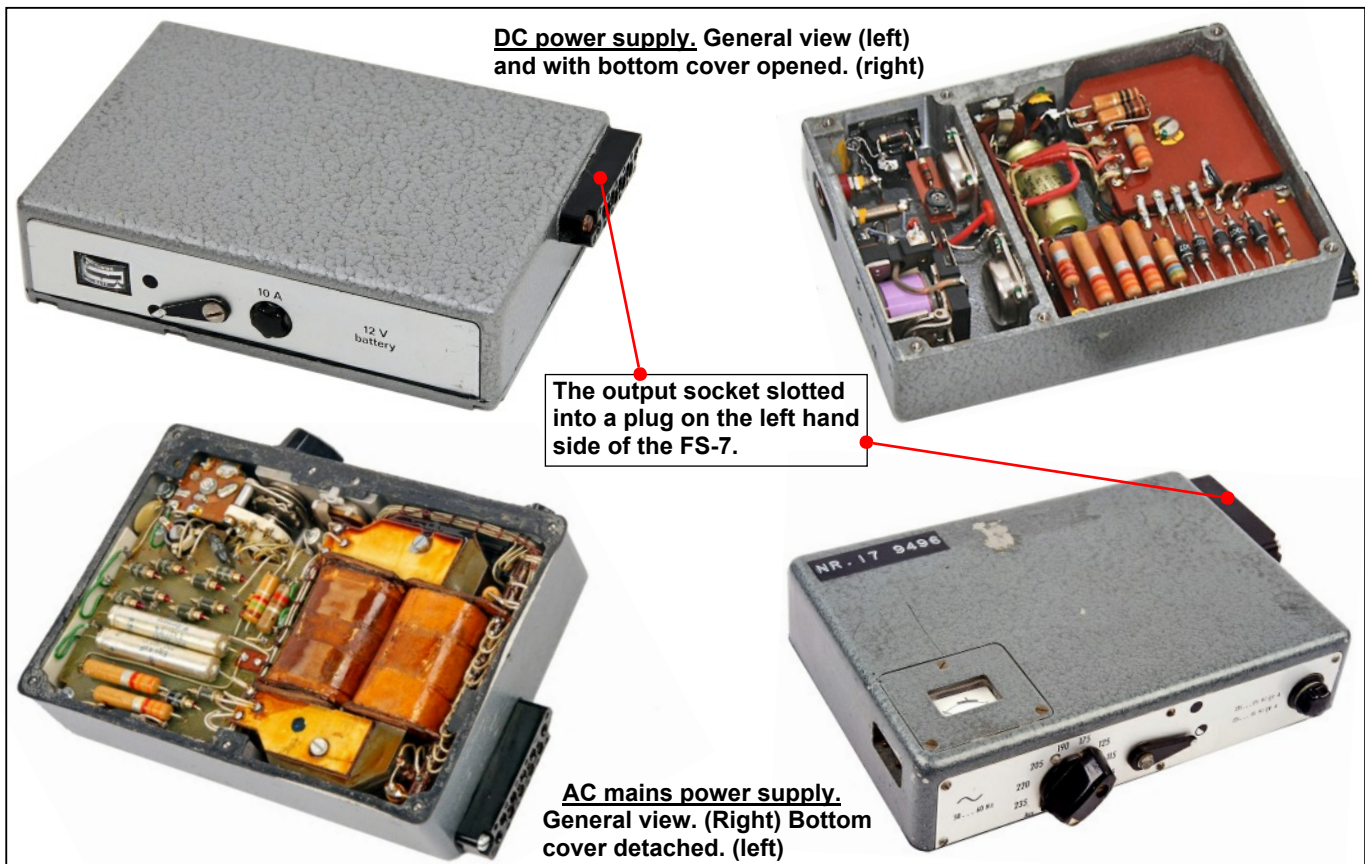
FSS-7 parts: AC mains power supply FSS-7 aerial wire crystals spare valves  
 FE-10 parts: aerial wire FE-10 crystals earphone charger battery RT-3 high speed Morse keyer

SP-15 station with FS-7 transmitter, RT-3 high speed keyer and FE-10 receiver with accessories.

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Internal view of FSS-7 transmitter with explanation of components and controls.



This FSS-7 transmitter with ancillaries was waterproof packed camouflaged as a large stone, and buried as a 'dead drop' (dead letter box) by a courier for use by an agent. It was found in the GDR after the capture of the 'Raue' agents group.



**References:**

- Photographs, scans, primary information and support was kindly supplied by Detlev Vreisleben, DC7KG, Germany.
- Colour photos of interior and additional information courtesy Crypto Museum, Holland. [www.cryptomuseum.org](http://www.cryptomuseum.org)
- Wireless for the Warrior, Volume 4, 'Germany after 1945'.