



R-353 SM  
Country of origin:  
Russia

**DATA SUMMARY**

**Design/Manufacturer:** Russia.  
**Year of Introduction:** Estimated 1980s.  
**Purpose:** Special forces, front reconnaissance.  
**Transmitter/receiver:**  
**Frequency coverage:** 2-29.9MHz.  
 - Frequencies of transmitter and receiver could be split.  
 - CW and voice.  
**RF output:** 3.5-4W.  
**Specified range:** 200-4000km.  
**Aerial:** Dipole.  
**Power Supply:** Believed 12.6V internal rechargeable battery, most likely hand cranked charger and cable for connecting to a 12V car battery.  
**Size (cm):** Height: 36, length 12, width 28.  
**Weight:** Complete set 8.2kg.

**REMARKS**

Radio station R-353 SM (Russian = P-353 CM, 'Ольхон-СМ', in English Olkhon-SM, an island in lake Baikal) was a fully transistorised low power portable HF transceiver. It was primarily developed for special forces, e.g. front reconnaissance. (Razvedgrupp)

At the time of preparing this chapter no other technical details were found. Confirmation of the current information will be much appreciated.

**R-353 series.**

The R-353 SM was a model in a series of HF portable radios for reconnaissance and special forces. Some models may still be in operational use.

- F-353SP** 'Oikhon-SP'.
- R-353SPM** 'Chibis'.
- R-353B** 'Proton-B'.
- R-353BAB** 'Proton-BAB'.
- F-353L** 'Lun'.
- R-353LA** 'Lun-A'.
- R-353LK** 'Lun-K'.
- F-353M** 'Makivka'.
- R-353M1** 'Makivka-M'.
- F-353S** 'Oikhon-S'.
- R-353SM** 'Oikhon-SM'.



**View of R-353 SM in operational use.**

**References:**

- Photo's and information:  
Alexander, Donetsk People's Republic.