

CHAPTER 2 SETTING-UP

Each model of the FS-1500 series radiotelephone is provided with DIP switches to tailor it according to local regulations and user's requirements.

CAUTION

This instruction is prepared for use by authorized FURUNO agents or dealers to preset the equipment to comply with the local regulations of the user of this radiotelephone. Please carefully read the instructions and follow the recommended procedures for presetting the equipment.

FURUNO will assume no responsibility for the inconvenience or disturbance to communications due to inadequate or unlawful presetting of the equipment.

Please note again that the preset must be carried out by an authorized agent or dealer, not by the operator or owner of the equipment.

2.1 Function of DIP Switches

Refer to the "CHAPTER 5 PARTS LOCATION" for location of the switches.

Table 2-1 DIP Switch and Corresponding Function

Segment No.	FUNCTION	S17-1	S17-2
S17-1 & S17-2	FREE TX/RX + ITU (TX/RX) + CUSTOM TX/RX FREE RX + ITU (TX/RX) + CUSTOM TX/RX FREE RX + ITU (RX) + CUSTOM TX/RX CUSTOM TX/RX	ON OFF ON OFF	ON ON OFF OFF

No. of DIP SW.	FUNCTION	ON	OFF
S17-3	Initial class of emission on 2182kHz	J3E (USB)	H3E
S17-4	Usage of CW and TELEX	ENABLE	DISABLE
S17-5	Channelizing custom frequencies	ENABLE	DISABLE
S17-6	Sending "TUNE" signal to Antenna Coupler	ENABLE	DISABLE *1
S17-7	Baud rate for RS-232C port	9600	4800
S17-8	Usage of LSB	ENABLE	DISABLE

*1: When a doublet antenna, trap vertical, antenna matching network, etc. is substituted for the antenna coupler, S17-6 should be "OFF".

Table 2-2 DIP Switch and Corresponding Function

No. of DIP SW.	FUNCTION	ON	OFF
S19	Meter indication during transmission	I _{ANT}	I _{FIL} *2
S20	Data for [REMOTE] connector	T-BUS for TT-1600	FURUNO I/F

*2: For "I_{FIL}", refer to 2.2 below.

Standard Setting

Table 2-3 Standard Setting of Each Model

No. of DIP SW.	FS-1501	FS-1500	FS-1500P
S17-1	ON	ON	OFF
S17-2	ON	OFF	OFF
S17-3	ON	OFF	OFF
S17-4	ON	OFF	OFF
S17-5	ON	OFF	OFF
S17-6	ON	ON	ON
S17-7	ON	ON	ON
S17-8	ON	OFF	OFF
S19	I _{ANT}	I _{ANT}	I _{ANT}
S20	OFF	OFF	OFF

2.2 Alternation of I_{ANT} and I_{FIL}

Some licensing authorities require an indication of transmitter antenna current in amperes. The FS-1500 is factory set to display this. If not required by law, some users may prefer the meter to indicate power on the filter output line, which will be more uniform over the various frequencies and with various antenna configurations. This is accomplished by switching S19 to I_{FIL}.