

# IC-7700

## Firmware update information— Ver. 2.20

Thank you for using the Icom Download Service.

The Version 2.20 of the firmware update will provide the following additional functions or changes to your IC-7700.

- ➔ The default settings of the IF filter and Roofing filter are changed.
- ➔ A SSB-D TBW item is added in the Level set mode.
- ➔ A CI-V command is added.

Before updating, see Section 16 'UPDATING THE FIRMWARE' in the IC-7700 instruction manual, for details.

### IMPORTANT!

Make a backup file of the transceiver's settings, such as stored memory channels, filter settings, to the SD card or USB flash drive before updating the firmware.

The CPU will be automatically reset when the firmware update is performed, the transceiver's memory contents will be cleared and ALL settings will be returned to their default settings.

## ■ Changed default settings

The default settings of the IF filters (FIL1 ~ FIL3) and Roofing filter in the SSB-D mode are changed. (The changed items are shown in bold in the table below.)

### ◇ IF filter (p. 5-14)

Mode	IF filter (default)	Selectable range (steps)
SSB-D	FIL 1 ( <b>3.0 kHz</b> )	50 Hz to 500 Hz (50 Hz)/
	FIL 2 ( <b>1.2 kHz</b> )	
	FIL 3 ( <b>500 Hz</b> )	600 Hz to 3.6 kHz (100 Hz)

### ◇ Roofing filter (p. 5-15)

Mode	IF filter (default)
SSB-D	FIL 1 ( <b>15 kHz</b> )
	FIL 2 (6 kHz)
	FIL 3 (6 kHz)

## ■ Additional set item

The SSB-D TBW item is added in the Level set mode.

### ◇ SSB-D TBW (p. 12-6)

Sets the transmission passband width to the SSB-D mode by changing the lower and upper cut-off frequencies.

Lower freq.: 100, 200, 300 (default) and 500 Hz

Higher freq.: 2500, 2700 (default), 2800 and 2900 Hz



## ■ Additional CI-V command

The following command is added to the command table (pp.14-9, 14-12).

Cmd.	Sub Cmd.	Data	Description
1A	05	0225	See below Send/read SSB-D TX bandwidth

### • Send/read SSB-D TX bandwidth

Command: 1A 05 0225

