

## CHIRP - Bug # 8789

<b>Status:</b>	Closed	<b>Priority:</b>	Normal
<b>Author:</b>	Eric Hidle	<b>Category:</b>	
<b>Created:</b>	02/03/2021	<b>Assignee:</b>	Jim Unroe
<b>Updated:</b>	04/02/2021	<b>Due date:</b>	
<b>Chirp Version:</b>	daily		
<b>Model affected:</b>	Yaesu FT-65R		
<b>Platform:</b>	All		
<b>Subject:</b>	FT-65R 6.25kHz Step Missing		
<b>Description</b>	<p>Trying to load some frequencies into the FT-65R, it appears Chirp does not support the 6.25kHz step size for this radio, even though the radio supports it. The only available step sizes in the pulldown list are 0, 5, 10, 12.5, 15, 20, 25, 50, and 100kHz.</p>		

### Associated revisions

Revision 3472:1013704b513f - 02/03/2021 07:22 pm - Jim Unroe

[FT-65R] Update valid\_tuning\_steps to include 6.25 KHz

The 6.25 KHz tuning step is removed for some radio models sold in the USA.

This patch restores the 6.26 KHz step to the Yaesu FT-65R.

related to #8789

### History

#1 - 02/03/2021 05:25 am - Jim Unroe

- Status changed from New to Feedback

- Platform changed from Windows to All

The driver module intentionally removes the 6.25 step. There is a note that states "these steps encode to 0-9 on all radios, but encoding #2 [6.25] is disallowed on the US versions".

Do you know what the list of valid steps for the FT-65R actually are (it appears to be menu 30)?

Jim KC9HI

#2 - 02/03/2021 09:55 am - Eric Hidle

Thank you for your quick reply, Jim!

The valid steps in Menu 30 on my radio are:

AUTO, 5, 6.25, 10, 12.5, 15, 20, 25, 50, and 100kHz.

I guess 0 in the software would translate to Auto in the radio?

**#3 - 02/03/2021 10:19 am - Jim Unroe**

Give me a few minutes to attach something that you can test.

Jim KC9HI

**#4 - 02/03/2021 10:23 am - Eric Hidle**

I actually downloaded the source and found the spot in the driver where 6.25 is removed from the list and commented it out. The radio will program with 6.25kHz step sizes now. Thanks a bunch for pointing me in the right direction!

Eric  
W2JKT

**#5 - 02/03/2021 10:44 am - Jim Unroe**

- Status changed from *Feedback* to *In Progress*
- Assignee set to *Jim Unroe*
- Target version set to *chirp-daily*
- % Done changed from *0* to *90*

Eric,

Give this test driver module a try. Here is how you use it.

1. save the test driver module to a convenient location (**do not right-click** to download)
2. enable the "Enable Developer Functions) setting in the "Help" menu.
3. use the "Load Module" selection in the "File" menu to locate and load the test driver module saved in step 1.

The CHIRP background will turn red to let you know a test driver module is running. Note that this test driver module does not permanently change your CHIRP installation in any way. Every time you load CHIRP you must load this test driver module before you have access to the 6.25 KHz step value for the FT-65R.

Let me know how it goes.

Jim KC9HI

**#6 - 02/03/2021 10:45 am - Jim Unroe**

- File *ft4(with\_6.25\_step\_for\_ft-65r).py* added

**#7 - 02/03/2021 11:03 am - Eric Hidle**

That also seemed to work just fine. Thanks

Eric

**#8 - 02/03/2021 11:26 am - Jim Unroe**

- Status changed from *In Progress* to *Resolved*
- % Done changed from *90* to *100*

Thanks Eric. Patch submitted.

Jim KC9HI

**#9 - 04/02/2021 02:07 pm - Bernhard Hailer**

- *Status changed from Resolved to Closed*

**#10 - 04/02/2021 02:08 pm - Bernhard Hailer**

- *Model affected changed from FT-65R to Yaesu FT-65R*

**Files**

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ft4(with_6.25_step_for_ft-65r).py	51.1 kB	02/03/2021	Jim Unroe
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