

CHIRP - Feature # 6761

Status:	Closed	Priority:	Normal
Author:	David Behar	Category:	
Created:	05/01/2019	Assignee:	
Updated:	02/25/2020	Due date:	
Chirp Version:	daily		
Model affected:	Yaesu FT-4XR		
Subject:	FT-4XR, 4/29/2019 version of CHIRP		
Description	<p>Note that the receive range for all versions of this radio is 65-108 MHz, 136-174 MHz, and 400-480 MHz. This build seems to only accommodate receive (and transmit) frequencies in the U.S. transmit range (144-148 MHz, 430-450 MHz).</p> <p>Also, this radio has three versions: Asian, European, and USA. MARS members (like myself) use the Asian version, which transmits 136-174 MHz and 400-480 MHz. It would be nice if transmit frequencies for any of the three versions could be accommodated in CHIRP.</p> <p>The following Yaesu link (numbered page 30, PDF page 32) shows the frequency ranges of the various versions of this radio: http://www.yaesu.com/downloadFile.cfm?FileID=14688&#38;FileCatID=151&#38;FileName=FT%2D4XR%5FXE%5FOM%5FENG%5F069M201%5F1805M%2DBC.pdf&#38;FileContentType=application%2Fpdf</p>		
Related issues:	duplicated by Bug # 6873: Yaesu FT-4XR out of range frequency issues Closed 06/19/2019		

Associated revisions

Revision 3298:d841aaba1977 - 02/01/2020 10:59 pm - Bernhard Hailer

[ft4] driver restructure (#7615)

While implementing two more radios of the Yaesu FT-4 family (the FT-25, see #7543, and the FT-4V, see #7387), I found that with some moderate reorganization, implementation of new radios will become easier. The proposed reorganization implements one more interstitial layer of inheritance to support the sub families of FT-4 (containing the FT-4X and FT-4V) and FT-65 (containing FT-65 and FT-25). Also, some variable assignments have been moved from the individual radio classes to the SCU-35 base class and to the interstitial classes named above.

This change also adds the infrastructure for adding European or Asian models, and as such prepare for addressing a number of currently open issues (6.25kHz tune step issues on EU models, frequency limitations; see #6619, #6651, #6677, #6761, #6869). It will also make it easier for a few additional fixes for issues which were found during my work on this driver (#7601, #7603, #7605). I will submit these fixes in additional patches.

Fixes: #7615

History

#1 - 05/01/2019 02:58 pm - David Behar

- File FT-4X Frequency Coverage.pdf added

I had marked this issue as a "Feature", but I suppose it could also be considered a bug. In the olden days, we used to always say "it's not a bug, it's a feature!"

Separately, as a temporary work-around I find that I can prepare a CSV file with the desired frequencies (outside the U.S. amateur allocations), and then import the CSV file.

This YouTube video shows how to unlock a radio for testing (or for use if you are authorized, e.g., MARS members):

<https://www.youtube.com/watch?v=vPnmmz3xjbc>

#2 - 02/25/2020 03:49 pm - Bernhard Hailer

- Status changed from New to Closed
- Target version set to chirp-daily
- Model affected changed from (All models) to Yaesu FT-4XR

This should work now.

Files

FT-4X Frequency Coverage.pdf	119.6 kB	05/01/2019	David Behar
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