

## CHIRP - Bug # 8683

<b>Status:</b>	Closed	<b>Priority:</b>	Normal
<b>Author:</b>	Da Vee	<b>Category:</b>	
<b>Created:</b>	01/15/2021	<b>Assignee:</b>	Jim Unroe
<b>Updated:</b>	04/02/2021	<b>Due date:</b>	
<b>Chirp Version:</b>	daily		
<b>Model affected:</b>	TYT UV-88		
<b>Platform:</b>	All		
<b>Subject:</b>	Settings tab blank on Canadian model UV88		
<b>Description</b>	<p>This issue seems to be a TYT UV-88 issue but its affecting CHIRP. I've debugged a bit and my findings are below. Attached is the .img file after doing a "Reset All" The debug.log is from reading this configuration.</p> <p>Thanks for supporting this radio.</p> <ol style="list-style-type: none"><li>1. What is the behavior you are seeing? Settings tab is empty.</li><li>2. What is the behavior you were expecting? Settings populated</li><li>3. Can you reproduce the problem all the time? Yes</li><li>4. What are the steps required to reproduce the problem? Download from radio. View the Settings tab - It is empty.</li><li>5. Is this specific to a certain radio model (driver) or something that you can reproduce with another radio?<ul style="list-style-type: none"><li>- I'm sure it worked once before the radio was configured.</li><li>- Factory fw version was UV88_Eng_BQ1_30_20200629.hex</li><li>- All newer versions is showing this issue.</li><li>- Debug log shows an exception. Upon further investigation I found the region is 0xFF and not handled by the region enumeration.</li></ul></li></ol> <p><i>I worked around this by</i> <code>options = ['Unlocked', 'Unknown 1', 'Unknown 2', 'EU', 'US']</code></p> <pre>try:      rx = RadioSettingValueList(options, options[_settings2.region]) except Exception:      LOG.debug("Region setting of %i is invalid. Assuming Unlocked" % _settings2.region)     rx = RadioSettingValueList(options, options<sup>0</sup>)*  rx.set_mutable(False)</pre>		

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## Associated revisions

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Revision 3479:593602d6bafc - 02/18/2021 12:29 am - Jim Unroe

[TH-UV88] Fix missing settings tab due to out-of-range value. #8683

This patch addresses the out-of-range (or lack of) region code that seems to be present in more recent firmware versions by...

- extending the region code list for unknown values from 5 to 15.
- logging region code values from 5 to 15 to debug.log file.

With contributions from Ruddolph Gutzerhagen.

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## History

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#1 - 01/28/2021 02:23 pm - DJ kourampies

Same problem on mine, bought on Aliexpress, don't know if its meant for a specific region.

#2 - 02/16/2021 12:54 pm - Tony Mattoni

CHIRP version **daily-20201221** is working fine with TYT UV-88

#3 - 02/16/2021 02:15 pm - Da Vee

Tony Mattoni wrote:

| *CHIRP version **daily-20201221** is working fine with TYT UV-88*

You are correct. I just verified on daily-20201221 and its working

#4 - 02/16/2021 02:20 pm - Da Vee

Da Vee wrote:

| *Tony Mattoni wrote:*

| | *CHIRP version **daily-20201221** is working fine with TYT UV-88*

| | *You are correct. I just verified on daily-20201221 and its working but not on latest.*

#5 - 02/16/2021 03:25 pm - Rudolph Gutzerhagen

The assessment about the region code appears to be correct. The image indicates a hex FF is passed from the radio. Chirp-20201221 and Chirp-20210212 handle this differently based on region code.

**#6 - 02/16/2021 05:23 pm - Jim Unroe**

- Status changed from New to In Progress
- Assignee set to Jim Unroe
- Target version set to chirp-daily
- Platform changed from Windows to All

DJ kourampies wrote:

Same problem on mine, bought on Aliexpress, don't know if its meant for a specific region.

Has your radio been "unlocked"?

Attach an image for testing.

**#7 - 02/16/2021 11:45 pm - Tony Mattoni**

- File TYT\_TH-UV88\_20210217\_issue.img added

Da Vee wrote:

Da Vee wrote:

Tony Mattoni wrote:

CHIRP version **daily-20201221** is working fine with TYT UV-88

You are correct. I just verified on daily-20201221 and its working but not on latest.

Any later version than daily-20201221 is not working for me on Linux.

**#8 - 02/17/2021 05:22 am - Jim Unroe**

Tony Mattoni wrote:

Da Vee wrote:

Da Vee wrote:

Tony Mattoni wrote:

CHIRP version **daily-20201221** is working fine with TYT UV-88

You are correct. I just verified on daily-20201221 and its working but not on latest.

Any later version than daily-20201221 is not working for me on Linux.

Yes. That's when the setting was added that radios like your broke. I plan on trying to find some time to look at it today.

Jim KC9HI

**#9 - 02/17/2021 05:25 am - Jim Unroe**

Tony Mattoni wrote:

*Da Vee wrote:*

*Da Vee wrote:*

*Tony Mattoni wrote:*

*CHIRP version **daily-20201221** is working fine with TYT UV-88*

*You are correct. I just verified on daily-20201221 and its working but not on latest.*

*Any later version than daily-20201221 is not working for me on Linux.*

Thanks for adding your "image", Tony.

Jim KC9HI

**#10 - 02/17/2021 04:47 pm - Jim Unroe**

*- File th\_uv88.py added*

*- Status changed from In Progress to Resolved*

*- % Done changed from 0 to 100*

I just submitted a patch for approval. You can temporarily load the attached driver module to use while waiting for the patch to be accepted (or continue to use the older daily build).

Jim KC9HI

**#11 - 02/21/2021 11:02 am - DJ kourampies**

Thanks for the patch, indeed it works fine now on mine (no idea about hardware version, latest 2021 firmware).

**#12 - 04/02/2021 01:22 pm - Bernhard Hailer**

*- Status changed from Resolved to Closed*

Looks like this made it into the main branch.

**Files**

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debug.log	262 kB	01/15/2021	Da Vee
TYT_TH-UV88_20210115_Issue.img	8.8 kB	01/15/2021	Da Vee
TYT_TH-UV88_20210217_issue.img	8.8 kB	02/16/2021	Tony Mattoni

