

JT65-HF Format is based on doing a lot of data repeats within fixed 48 second windows. You either Transmit or Receive during a 48 seconds period within each Minute. Each Transmit or Receive session starts right at the beginning of the Minute. Whenever answering, I have 12 seconds (or less) to act before the next minute starts.

GENERAL SETUP

- Frequencies in use are 3.576, 7.076, 10.138, 14.076, 18.102, 21.076, 24.917, 28.076
- Set the radio to one of those frequencies and leave it there
- Set the radio to USB and leave it there
- Set the ZLP Pro 3 RX Level to 12 O'Clock (Tweak to Zero L & R on background noise)
- Set the ZLP Pro 3 RX Level to about 7 O'Clock (Tweak to keep ALC from clipping)
- Make sure Dimension 4 is running and the PC's clock is syncing every 30 seconds
- Close Logger32 if it is running (This program uses it's Own Log)
- Run HRD, because the JT65-HF-Comfort Program gets its Frequency Info from HRD
- Close HRD Digital Master window if that window automatically opens
- Run JT65-HF-Comfort from the Screen Icon
- Run JT65 Log Viewer from Screen Icon
- Use 20 watts for JT65 - have to set TX power level when doing a test transmission.
- Put a 'Check' in the 'TX OFF if No Answer' box.

To Call CQ

1. Watch for 2 minutes to see where it looks like there is a clear frequency
2. Click in the Waterfall to move the red frequency marker to a clear frequency.
3. Click on [CQ] button
4. See if "TX Even" or "TX Odd" needs to be changed to start on the next minute.
5. Click on [Enable TX] button
6. Watch screen and blue progress bar to see that is transmitting the CQ.
7. If get answer Double Click on that entry. (or [Answer Caller] & maybe [Enable TX])
8. Watch screen to see that his Report is being transmitted.
9. If get his Report back, Click on that entry (or [RRR] & maybe [Enable TX])
10. Watch screen to see that my RRR data is being transmitted.
11. If get his 73 Message back, Click on [73] (and maybe [Enable TX])
12. Watch screen to see that my 73 data message is being transmitted.
13. Click on [to Logwindow] , finalize any data in the log form, and close that window.
14. Repeat steps 3-13 (to remain on same frequency and call CQ again)

To Answer a CQ

1. Double Click on a recent Green CQ Message (or [Answer CQ] & maybe [Enable TX]).
2. Watch screen and blue progress bar to see that is transmitting my Call to him.
3. If get him, Double Click on that entry. (or [Report] & maybe [Enable TX])
4. Watch screen to see that his Report is being transmitted.
5. If get his RRR Message back, Click on [73] (and maybe [Enable TX])
6. Watch screen to see that my 73 data message is being transmitted.
7. Click on [Log QSO] , finalize any data in the log form, and close that window.
8. Repeat steps 1-7 (to continue to respond to other peoples CQs)

General Notes

1. Is kind of a slow process - you spend a lot of time just sitting there watching the minutes go by as you send for a minute and then wait for another minute to see what you get.
2. You have to pay attention as you only have a few seconds to respond once you see a Green CQ from this current minute so that your transmission makes starts in the next minute.
3. The messages are short and in a predefined message format - there is no rag chew here - it is strictly I worked you and you worked me and that's the extent of it.
4. When you log it, all you get is what you know - whenever it eventually gets to Logger32 you have to fill in the person's name, city, and country manually so that log is useful.
5. Stuff gets logged to the dedicated JT65-HF-Comfort ADIF formatted Log (which I defined as: `C:\JT65-HF-comfort\logs\k3jzd.adi` using the Setup Menu). There is no way to view that Log from the JT65-HF-Comfort program. Use the separate program `JT65LogView.exe` to view your JT65-HF-Comfort log. That JT65LogView program is dynamically updated every time that a new contact gets logged. (May have a problem with this program in Windows 10 - works fine in Windows 7).
6. There is no way to do a selective date-limited export of that JT65-HF-Comfort ADIF formatted Log to add these contacts to Logger32. It has to be done by opening the JT65 Log (`C:\JT65-HF-comfort\logs\k3jzd.adi`) with a Text Editor, deleting the lines that have been previously exported, and then saving just this new stuff as a NEW 'dated export file' that can then be imported into Logger32 (do not blow away the JT65 Log).
7. Operating Note: I have had more success with Calling CQ than with answering other CQs. When answering other CQs, there may be many others also answering - only one will win. Whenever calling CQ, will get an answer most of the time (if you have found a free frequency and the band is alive). Just have to take whatever you get when doing this.
8. Whenever answering a CQ, calling on a different frequency may get you heard !!
9. Working people that you have already worked ON THAT BAND is not good practice.

10. Normal Communication Flow (per the JT65 Creators)

<i>Minute 1:</i> CQ K3JZD FN00	I call CQ
<i>Minute 2:</i> K3JZD P5AA OK31	Answers my CQ
<i>Minute 3:</i> P5AA K3JZD -18	I give Signal Report
<i>Minute 4:</i> K3JZD P5AA R-20	Roger/my Signal Report
<i>Minute 5:</i> P5AA K3JZD RRR	I Roger his Report
<i>Minute 6:</i> K3JZD P5AA 73	He says 73
<i>Minute 7:</i> P5AA K3JZD 73	I say 73

11. Abbreviated Communication Flow (typical usage, with last two having other variations)

<i>Minute 1:</i> CQ K3JZD FN00	I call CQ
<i>Minute 2:</i> K3JZD P5AA OK31	Answers my CQ
<i>Minute 3:</i> P5AA K3JZD -18	I give Signal Report
<i>Minute 4:</i> K3JZD P5AA R-20	Roger/my Signal Report
<i>Minute 5:</i> P5AA RRTU73	I Roger his Report & 73
<i>Minute 6:</i> K3JZD TU 73	He says 73

12. Resources (All Free Downloads):

Dimension 4:

<http://www.thinkman.com/dimension4/download.htm>

JT65-HF-Comfort:

http://funkamateure-dresden-ov-s06.de/index.php?article_id=178

JT65 Log Viewer:

<http://www.oz1bv.dk/util/jt65hf-log-view/>

Ham Radio Deluxe - Free Version :

<http://www.iw5edi.com/software/ham-radio-deluxe-5-download-links>