Operate WSPR
Continued

☐ On the Raspberry Pi, open a terminal window. For details on the terminal window, see http://www.raspberrypi.org/documentation/usage/terminal/

```
pi@radwav3 ~/skypi $ date
Thu Oct 30 19:05:22 UTC 2014
pi@radwav3 ~/skypi $
```

☐ If the Raspberry Pi is connected to the internet, then the clock is normally accurate enough to work with WSPR. In the terminal, type "date" as shown.

☐ Check the time and date versus a well-synchronized clock such as a GPS, WWVB Clock, WWV Broadcast, 3G/4G phone, or another internet source. The time must be within about 1 second for WSPR to work correctly.

> *Tip:* If the time is not set correctly, you may set the correct date and time manually. WSPR-2 depends on knowing when even minutes begin to within about one second. At the terminal command prompt, type a time in the near-future such as **sudo date –s "Oct 30 2014 12:50:00"** and wait to press enter until the time is correct to within one-second. You can check the time again by entering the command "date" again.

☐ In the terminal, type the following:

```
pi@radwav3 ~ $ mkdir skypi
pi@radwav3 ~ $ cd skypi
pi@radwav3 ~/skypi $
```

☐ Visit radwav.com using the Raspberry Pi and click on downloads. You may use the Midori web browser that is included with Raspbian Linux. Download radwav_wspr and save in the skypi directory that you just created. Verify the file is there by using the "ls -la" command as shown.

```
pi@radwav3 ~/skypi $ ls -la
total 32
drwxr-xr-x  2 pi pi  4096 Oct 30 19:11 .
drwxr-xr-x 19 pi pi  4096 Oct 30 19:03 ..
-rwxr-xr-x  1 pi pi 20510 Oct 30 19:09 radwav_wspr
pi@radwav3 ~/skypi $
```

☐ Install wiringPi by following the instructions at: http://wiringpi.com/download-and-install