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1.5 Starting WinHorizon Software

Procedure:

1. Double-click **Winhorizon setup** icon on desktop or find the program in the **START** menu
2. Click the **TCP/IP** tab and confirm the computer IP address **192.168.1.51** is displayed (Fig. 10)
3. Click on the **Test** button, the test window should display:
     - Server version   1.4.0.4
     - Active Connections   0
     - Maximium Connections   1
     - Broadcast   Yes
     - Server Datasource   USB
     - Video Processor   CVP
     - RIB Support   No
     - USB Support   Yes
     - Play Back Support   Yes
     - Is Master   Yes
     - Antenna power   No
     - Stand by   No
     - Bytes sent   0
     - Bytes received   0

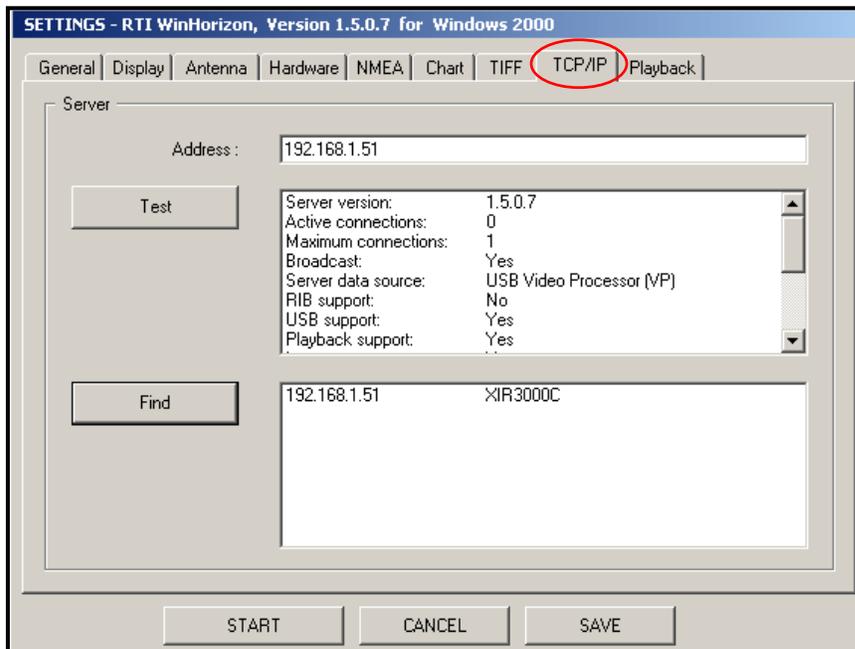   a. Ensure that the numbers are the same as below when you hit the "Find" button (Fig. 10).

Figure 10. TCP/IP tab showing connection to radar is viable

Hartley, M.I., Kennedy, L., Loots,S. 2011. 1.5 Starting WinHorizon Software.   NRES, UNBC
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4. In the **Playback** tab under "Path and Filename," click the radio button and navigate to the folder that you want to save WinHorizon in (Fig. 11)
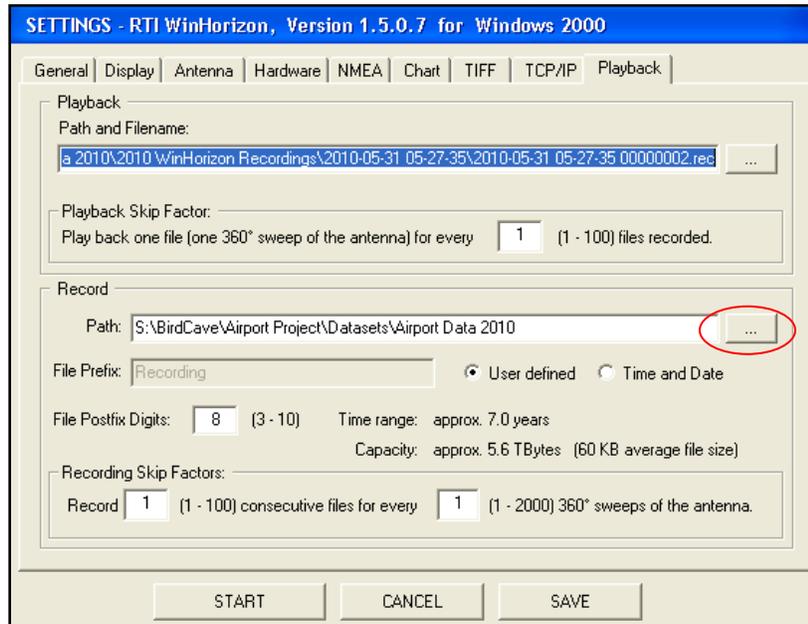

Figure 11. WinHorizon Set-up highlighting radio button for file saving

5. Under the **General** tab ensure that "Status" is set to Master
6. Under the **NMEA** tab ensure that "Radar Transceiver Position and Heading" has *Enable* checked off and that the correct Longitude and Latitude of the **radar** are entered (Fig.12)
7. You must also ensure that the *Heading* is entered correctly in the NMEA tab (Fig.12)
    a. The number you type into the *Heading* corresponds to how many degrees the radar is offset from North (You will notice this in WinHorizon when the image does not look oriented properly)
        ○ If the offset is to the East, *Heading=0.0º+Offset*
        ○ If the offset is to the North, *Heading=360º-Offset*

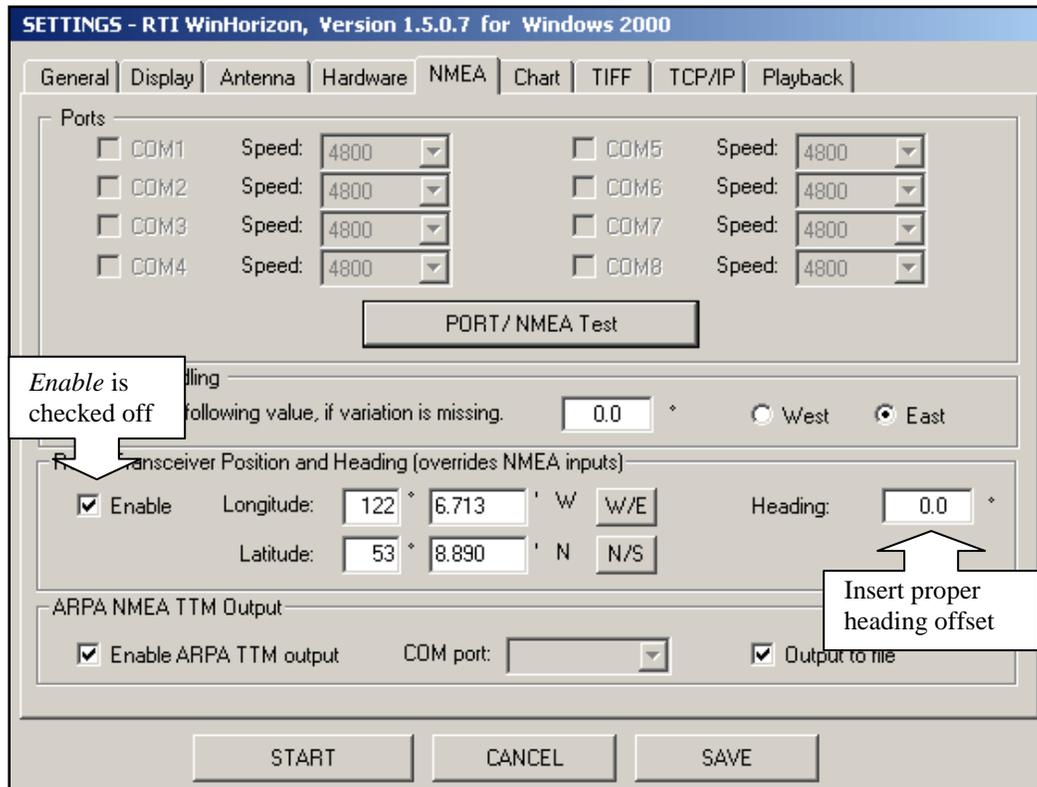UNBC UNIVERSITY OF
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Figure 12. NMEA Tab in WinHorizon Set-up

8. Click **SAVE** and then **START** to enter WinHorizon software