Trimble NetRS - How to connect to the NetRS receiver using DHCP

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The easiest way to configure a NetRS is through the receiver's web interface. You can aquire an IP address using DHCP or assign an IP address via its serial port. To assign an IP address using the serial port, which is often easier, see UNAVCO's "Basic Use of the Trimble NetRS." To connect via DHCP, read on.

NetRS receivers from the UNAVCO equipment pool are preconfigured with an IP address of 192.168.1.2 unless the project contact requests otherwise. The receiver factory default, however, is to acquire its IP address automatically via DHCP. If you cannot connect the receiver to a network that is DHCP-enabled, you can use the following windows program:

http://ruttkamp.gmxhome.de/dhcpsrv/dhcpsrv.htm

Use the following configuration file:
dhcpsrv.ini
[General]
SUBNETMASK=255.255.255.0
NODETYPE=8 ; Hybrid
[Settings]
Trace=1
IPPOOL_1=192.168.2.2-5
IgnoreUnknownClients=1

To connect to the receiver:

- Connect the laptop to the NetRS with a CAT5 cable or a crossover depending upon manufacturer.
- Set laptop net card to DHCP.
- Power up the NetRS and let it get the IP address from the DHCP server.
- View the dhcptrc.txt file to see what the rx's IP address is.
- Open a web browser to the NetRS IP address.

In the case that you need to make a crossover cable from a straight cable, check out:
http://www.makeitsimple.com/how-to/dyi_crossover.htm

Online URL:
https://kb.unavco.org/article/trimble-netrs-how-to-connect-to-the-netrs-receiver-using-dhcp-31.html