

## Forwarding QSOs to QSOMAP.ORG

The QSO Forwarding service for HRD and N1MM is now operational. The service goes down for about 15 minutes around 0900 UTC for a daily server reboot.

### Ham Radio Deluxe

In HRD, go to **Tools** → **Configure** → **QSO Forwarding**. You will see a screen similar to the one below. Check the UDP Send box, fill in the Send Address as “N9MS.COM”, and fill in the port as “12070” then Press the “OK” button at the bottom of the screen. In my case, I had to then close HRD Logbook and re-open it in order for the forwarding to begin.

**QSO Forwarding**

Share new QSOs with another logging program

**UDP Send**

Forward logbook changes using UDP to other logging programs

Send Address:

Send Port:  Note: N1MM port is 12060  
Do NOT enable send and receive on the SAME port!

**UDP Receive**

Fill in missing fields on Receive

Lookup missing fields on Receive

Receive logbook changes using UDP from other logging programs (TR4W, N1MM).

Receive Port:  Target Database:

MyStation fields should be:

Receive QSO notifications using UDP from other applications (WSJT-X)

Receive Port:  Target Database:

MyStation fields should be:

Select this option to forward new logbook entries to 3rd party programs using the UDP protocol. Only select it if the other logbook program you are using supports this option. The record is sent using multibyte (non-UNICODE) text. The new logbook entry is sent in N1MM XML format. An example of a record is:

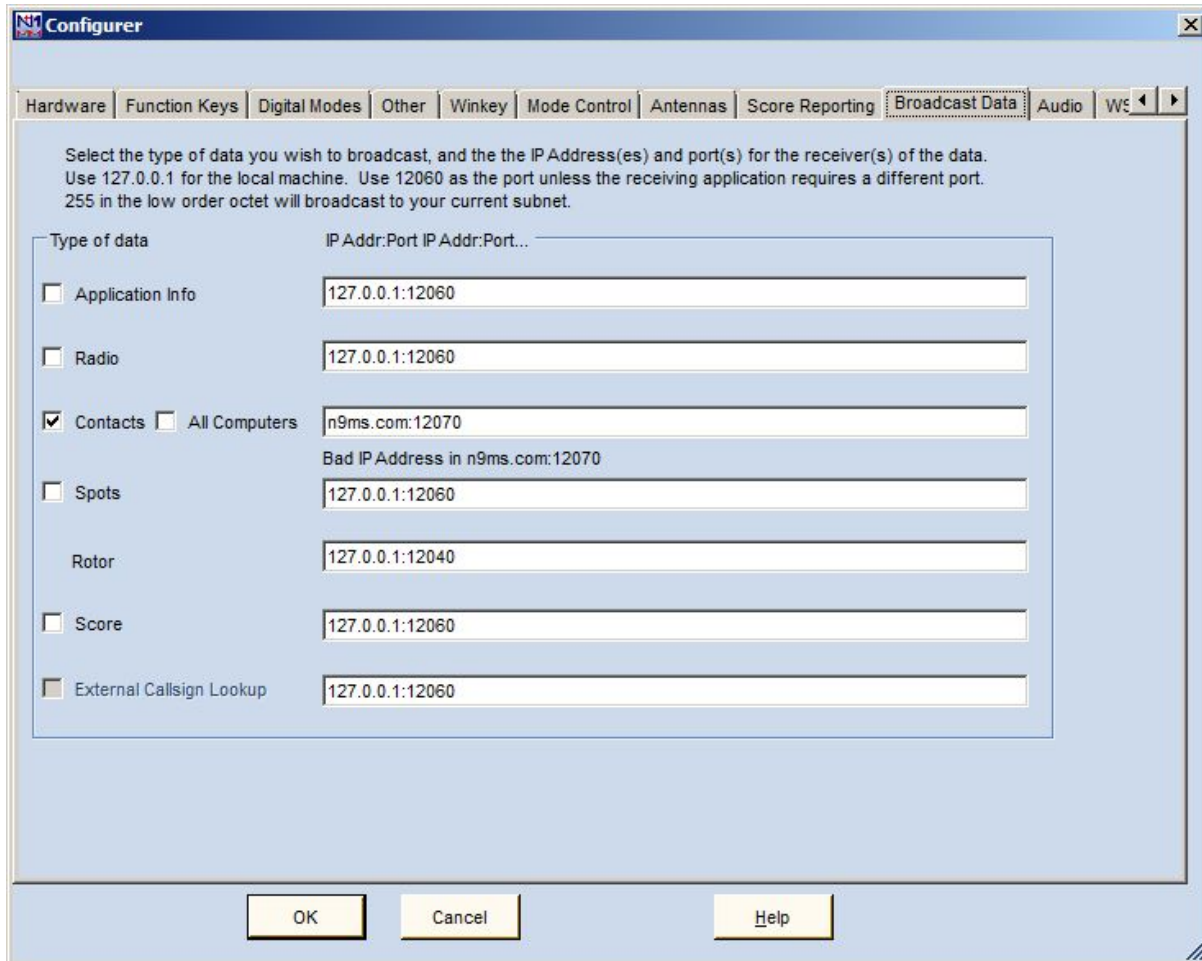
```
<?xml version="1.0"?>
  <contactinfo>
    <contestname>CQWVSSB</contestname>
    <contestnr>71</contestnr>
    <timestamp>2008-07-04 00:00:00</timestamp>
```

OK Cancel

## N1MM Logger

To forward N1MM logger, QSOs go to **Config → Configure Ports, Mode Control, Winkey, etc.** On the configuration window, click the Broadcast Data Tab.

Check “Contacts” and fill in the IP Address and port as “N9MS.COM:12070”.



The screenshot shows the 'Configurer' window with the 'Broadcast Data' tab selected. The window title is 'Configurer'. The tabs at the top are: Hardware, Function Keys, Digital Modes, Other, Winkey, Mode Control, Antennas, Score Reporting, Broadcast Data (selected), Audio, and WS. The main area contains the following text: 'Select the type of data you wish to broadcast, and the the IP Address(es) and port(s) for the receiver(s) of the data. Use 127.0.0.1 for the local machine. Use 12060 as the port unless the receiving application requires a different port. 255 in the low order octet will broadcast to your current subnet.'

Type of data	IP Addr:Port IP Addr:Port...
<input type="checkbox"/> Application Info	127.0.0.1:12060
<input type="checkbox"/> Radio	127.0.0.1:12060
<input checked="" type="checkbox"/> Contacts <input type="checkbox"/> All Computers	n9ms.com:12070 Bad IP Address in n9ms.com:12070
<input type="checkbox"/> Spots	127.0.0.1:12060
Rotor	127.0.0.1:12040
<input type="checkbox"/> Score	127.0.0.1:12060
<input type="checkbox"/> External Callsign Lookup	127.0.0.1:12060

At the bottom of the window are three buttons: OK, Cancel, and Help.

Problems? Contact me at [Mike@TheSaegers.COM](mailto:Mike@TheSaegers.COM). Thanks!