HOW TO SET UP A PUBLIC GATEWAY ADDRESS IN 44NET/AMPR PORTAL

After your allocation is approved, you need to go back into your portal account and choose:
- **Gateways**
- **Manage**
- **Add a Gateway**
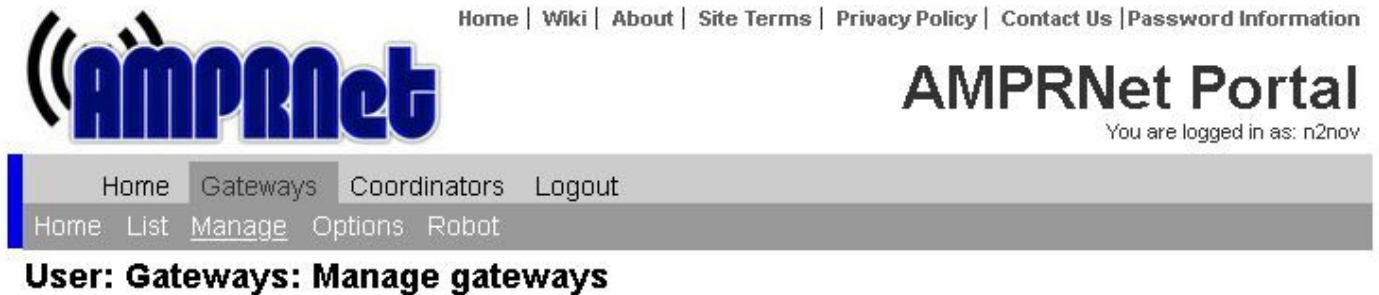
Then fill out the fields. Choose **either** your static IP address of your router (use website WhatIsMyIP.com to help) **OR** enter the FQDN (Fully Qualified Domain Name) of your domain at a service like DDNS.NET (use your callsign).

Notice that after you hit the **SAVE** button that another section appears at the bottom of the screen.
Click **SELECT A NETWORK TO ADD**, choose your allocation, then hit the **ADD NETWORK** button.
You will then see your allocation subnet in the table at the bottom of the page.

You can now see your gateways entry by going to **Gateways / List / Subnet View**

The **final step** is to email **N2NOV@N2NOV.NET** with the DNS entries for each address in your allocation.
They should be a <u>brief description</u> of what that address is used for, followed by your callsign. Each entry will
be a single line in your email in the format below. The **'A'** record is the minimum needed for routing.

A sample allocation of 44.52.0.0/29 (six usable addresses out of eight for a /29) for W1ABC:

```
w1abc add a 44.52.0.1       <---- main 'A' record for your network
bbs.w1abc add a 44.52.0.2
webcam.w1abc add a 44.52.0.3
rpi.w1abc add a 44.52.0.4
spare1.w1abc add a 44.52.0.5
spare2.w1abc add a 44.52.0.6
```

[44.52.0.0 (network address) and 44.52.0.7 (broadcast address) are not usable and merely frame the allocation]

Other DNS records like CNAME, MX, TXT, etc can be added later if needed.

DNS records can take an hour or so to be shared across the whole internet in the various DNS servers.