Orbi AX4200 router connection to New Zealand Chorus Internet.

I recently purchased my Orbi AX4200, router with 2x satellites, and followed the NETGEAR instructions on setting it up. Unfortunately, my Orbi was unable to connect automatically to the Internet. I found out I needed to update the Orbi VLAN/Bridge settings on the Orbi router before it would work in New Zealand.

Here is what I did to get it to work. Please note I am not a techy but this worked for me.

Hopefully this will work for other Kiwi's who have purchased their Orbi and looking for help on how to get it connected to the Internet

Note:

1. Internet backbone is owned by CHORUS in NZ. Chorus installs their infrastructure into homes to enable connection to the Internet. In my case I have a fibre connection and have a CHORUS fibre box in my home (ONT Box)
2. ONT box connects to the ISP modem/router/Wi-Fi box. My ISP is currently Vodafone.
3. There are new Internet providers now offering satellite connections e.g. Starlink, which are competitors to CHORUS.

ISP – Vodafone's connection instructions for non-Vodafone modems.

https://www.vodafone.co.nz/faq/modem-settings-for-a-non-vodafone-modem

Relevant extract for Fibre connections

Fibre

Field	Configuration
Access Type	Ethernet
Connection Type	IP routing (IP/DHCP)
MTU	1500
VLAN	On
VLAN ID	10

Field	Configuration
IP protocol version	IPv4 + IPv6
IPv4 address type	DHCP
DNS	Automatic
IPv6 addressing type	DHCP

Using the Chrome web browser, I connected directly to my Orbi Router from my Desktop, using the URL http://192.168.1.1/start.htm and logged into the administration account I setup when following the NETGEAR setup process.

Using the ADVANCED tab, I could access the VLAN/Bridge settings.

From there I could add the required VLAN.

Enabled VLAN and added VLAN ID of 10

Once completed I rebooted my Orbi and it was able to connect to the CHORUS Internet link.

The VLAN settings seems to be the only missing setup on the Orbi router to allow it to connect to the Internet.

Hope this was helpful.