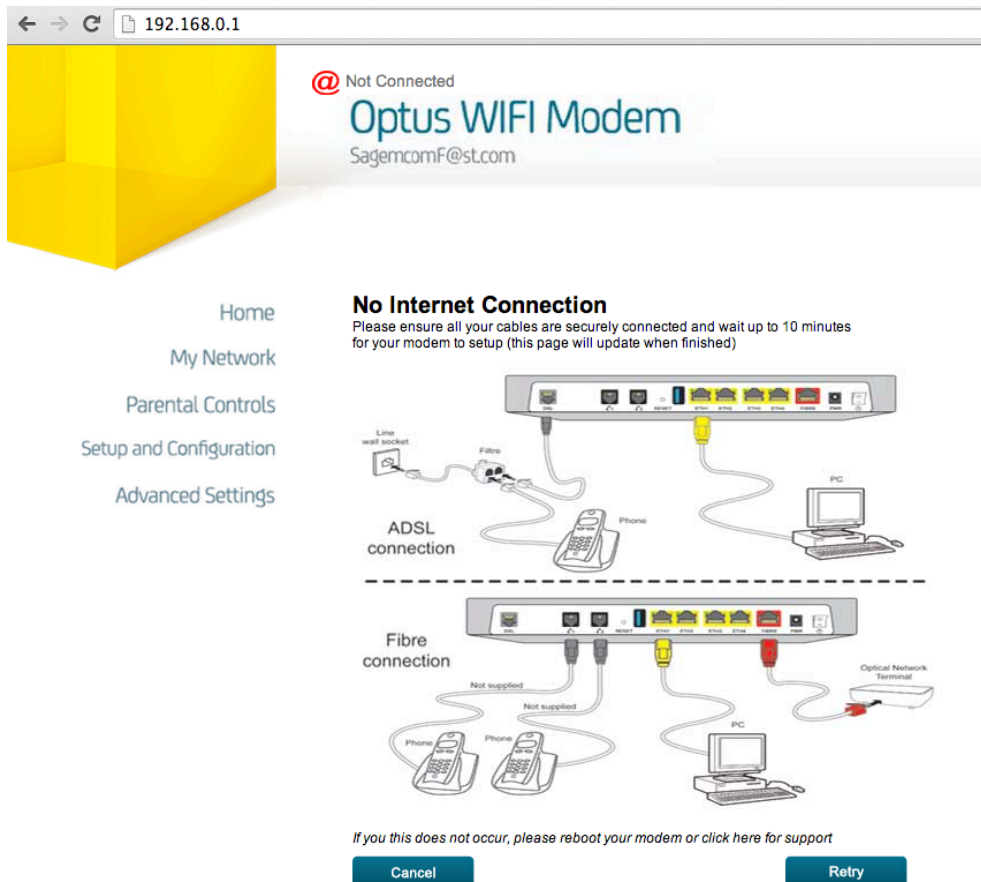Bridge the Sagemcom 3864 modem.

1. Login to the modem click on advanced settings.
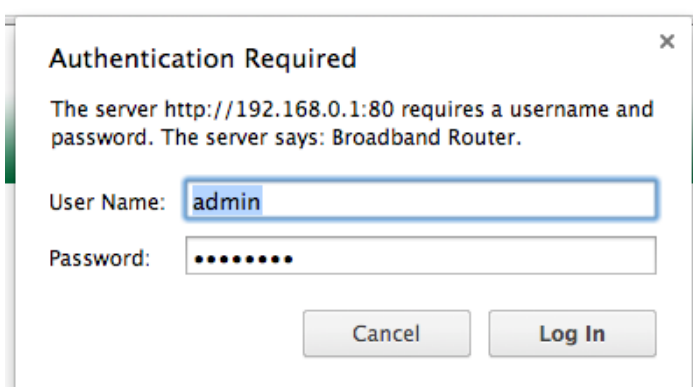
2. Change login to full admin rights.

Edit the login on the address bar to main.html (so remove the log ?loginuser=1)

192.168.0.1/main.html

A box will pop up requesting the new login. If this fails, use Chrome or some other browser. Safari might fail.

Authentication Required   ×

The server http://192.168.0.1:80 requires a username and password. The server says: Broadband Router.

User Name: admin

Password: ••••••••

Cancel   Log In

Username is admin
Password is Y3s0ptus
(corrupted Yes Optus)

Now with full admin rights you can change the settings for adsl.
*** New ones seem to have changed.. use http://192.168.0.1/main.html?loginuser=2 with simple admin admin.

3. You will see advanced setup now has many more options. Go to WAN service.
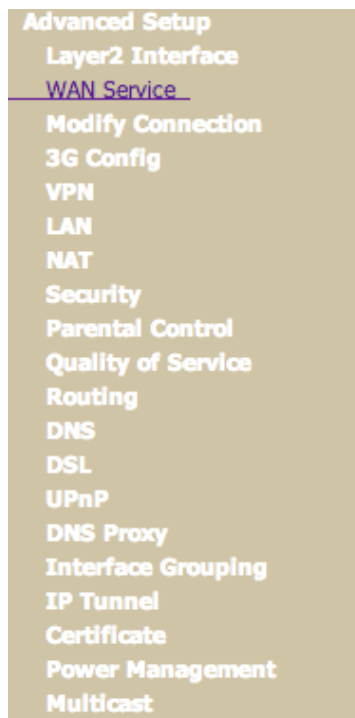
4. Click on the remove for ppp2.1 (or whichever is the Internet-ADSL Description). Remove the adsl service. If this fails just repeat until it works.. it initially said it wasn't allowed.. worked second time around.

Wide Area Network (WAN) Service Setup

Choose Add, Remove or Edit to configure a WAN service over a selected interface.

Interface	Description	Type	Vlan8021p	VlanMuxId	Igmp	NAT	Firewall	IPv6	Mld	Remove	Edit
ppp2.1	Internet-ADSL	PPPoE	N/A	N/A	Disabled	Enabled	Enabled	Disabled	Disabled	☑	Edit
eth4.3	Internet-BNG	IPoE	N/A	N/A	Disabled	Enabled	Enabled	Disabled	Disabled	☐	Edit
ppp1.1	Internet-NBN	PPPoE	N/A	N/A	Disabled	Enabled	Enabled	Disabled	Disabled	☐	Edit
ppp3.2	Voice-NBN	PPPoE	N/A	N/A	Disabled	Enabled	Enabled	Disabled	Disabled	☐	Edit

Add   Remove

5. On the same page, click the Add to create a new service.
It should recognise that you need adsl so it will open atm at the correct vpi/vci. Click Next.

WAN Service Interface Configuration

Select a layer 2 interface for this service

Note: For ATM interface, the descriptor string is (portId_vpi_vci)
For PTM interface, the descriptor string is (portId_high_low)
Where portId=0 --> DSL Latency PATH0
portId=1 --> DSL Latency PATH1
portId=4 --> DSL Latency PATH0&1
low =0 --> Low PTM Priority not set
low =1 --> Low PTM Priority set
high =0 --> High PTM Priority not set
high =1 --> High PTM Priority set

atm0/(0_8_35) ‡

[Back] [Next]

6. Simply select bridging.
Leave all the rest.
Click next.

WAN Service Configuration

Select WAN service type:
◯ PPP over Ethernet (PPPoE)
◯ IP over Ethernet
⦿ Bridging

Enter Service Description: br_0_8_35

For tagged service, enter valid 802.1P Priority and 802.1Q VLAN ID.
For untagged service, set -1 to both 802.1P Priority and 802.1Q VLAN ID.

Enter 802.1P Priority [0-7]:   -1
Enter 802.1Q VLAN ID [0-4094]:   -1

7. Check the setup.. Summary.

Click apply.. your done.

WAN Setup - Summary

Make sure that the settings below match the settings provided by your ISP.

Connection Type:	Bridge
NAT:	Disabled
Firewall:	Disabled
IGMP Multicast:	Not Applicable
Quality Of Service:	Disabled

Click "Apply/Save" to have this interface to be effective. Click "Back" to make any modifications.

8. Now instead of the original ppp2.1 you will have atm0.1

All bridged.. nice and easy.

Wide Area Network (WAN) Service Setup

Choose Add, Remove or Edit to configure a WAN service over a selected interface.

Interface	Description	Type	Vlan8021p	VlanMuxId	Igmp	NAT	Firewall	IPv6	Mld	Remove	Edit
atm0.1	br_0_8_35	Bridge	N/A	N/A	Disabled	Disabled	Disabled	Disabled	Disabled	☐	Edit
eth4.3	Internet-BNG	IPoE	N/A	N/A	Disabled	Enabled	Enabled	Disabled	Disabled	☐	Edit
ppp1.1	Internet-NBN	PPPoE	N/A	N/A	Disabled	Enabled	Enabled	Disabled	Disabled	☐	Edit
ppp3.2	Voice-NBN	PPPoE	N/A	N/A	Disabled	Enabled	Enabled	Disabled	Disabled	☐	Edit

This change btw maybe permanent.. and I mean no factory default will set it back to how it was.. You can easily fix it by selecting standard pppoe service in place of bridge if you ever need to go back to using it with standard optus setup.
Good luck..

revision 2. added info on how to get to setting password. 21/02/2015
revision 3.. some people reported Y3s0ptus no longer works but use loginuser=2 23/03/15