Cisco SPA122 Configuration Guide for FreePhoneLine
Software Version: 1.3.3(015)

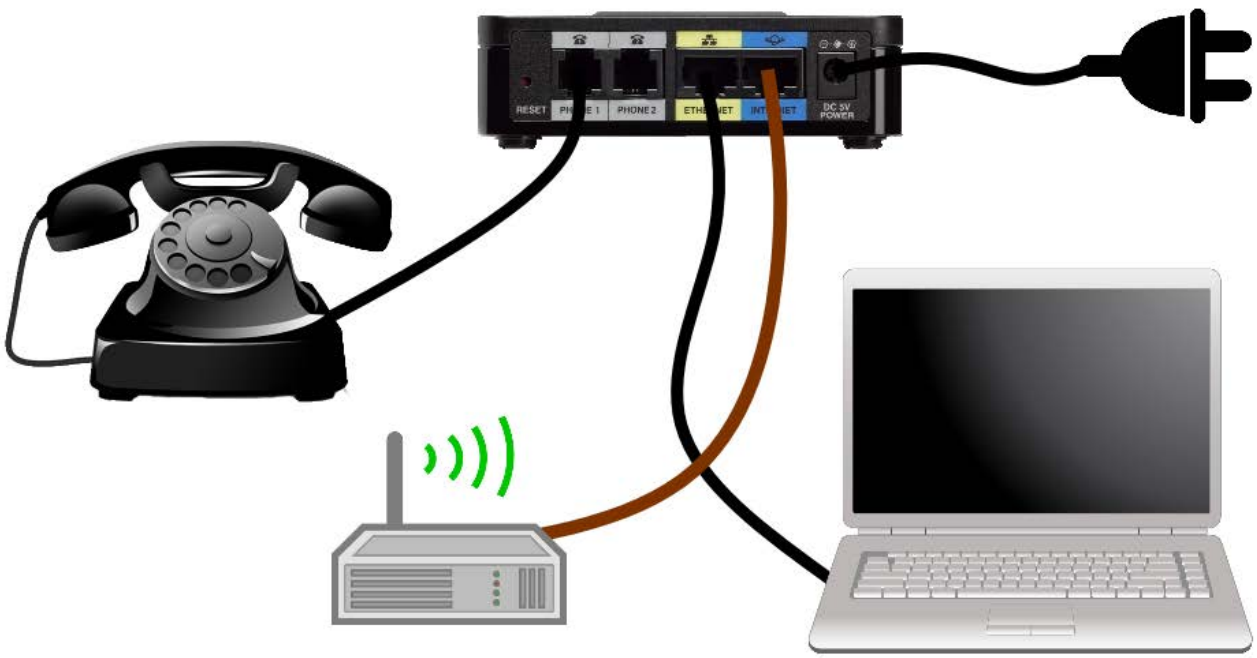
Official FPL guidelines you can find at: http://support.freephoneline.ca/entries/23120323-VoIP-Unlock-Key-Credentials

All the settings were default on the device before configuration.

Step 1.

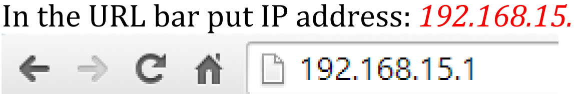
Plug all the appropriate wires to your Linksys SPA122 device.

- Ethernet cable *[Note: Connect to Ethernet Port on your SPA122 device and another end to your PC/laptop]*
- Phone line (attached to the phone) *[Note: Use 'Phone 1' port]*
- Power



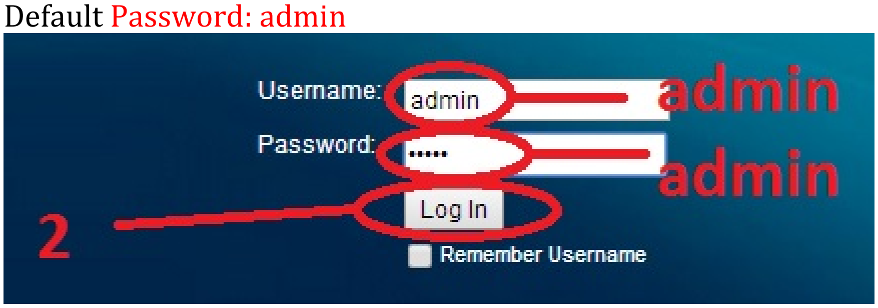
Step 2.

On the PC/Mac go to your browser (Internet Explorer; Chrome; Firefox; Opera; Safari, etc.).
In the URL bar put IP address: *192.168.15.1*

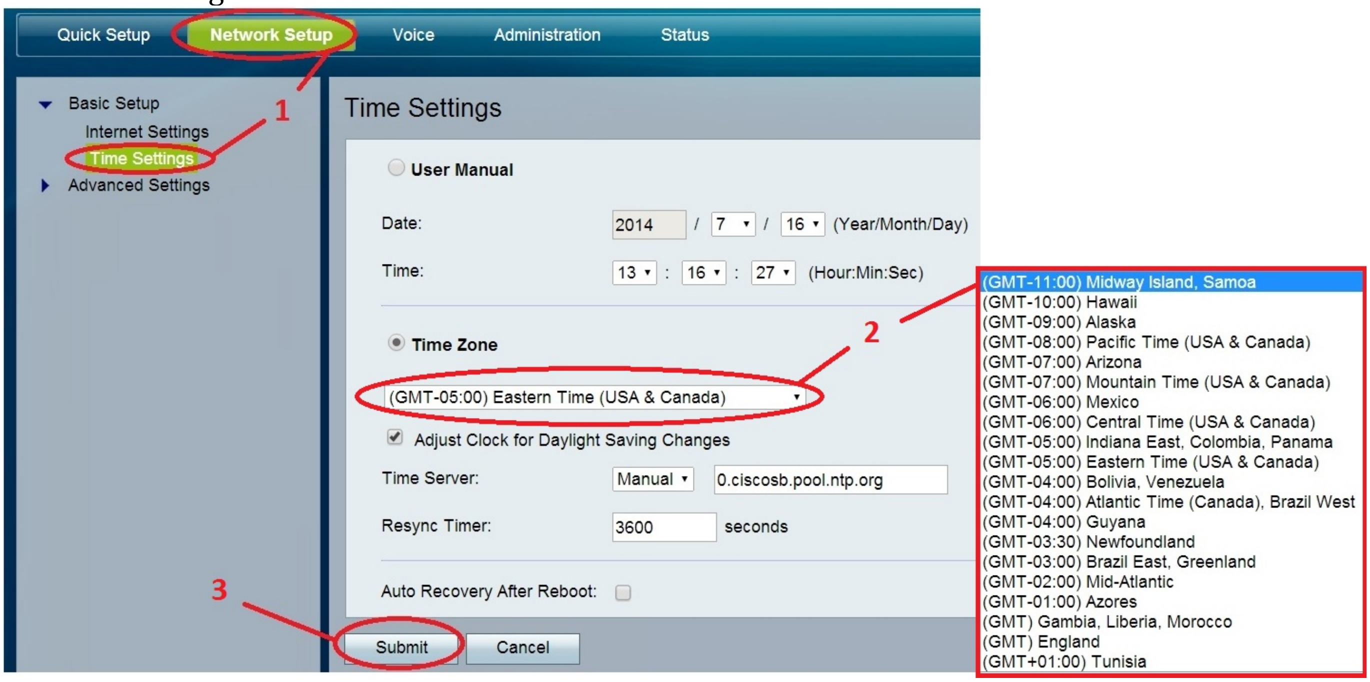


Login page will appear.

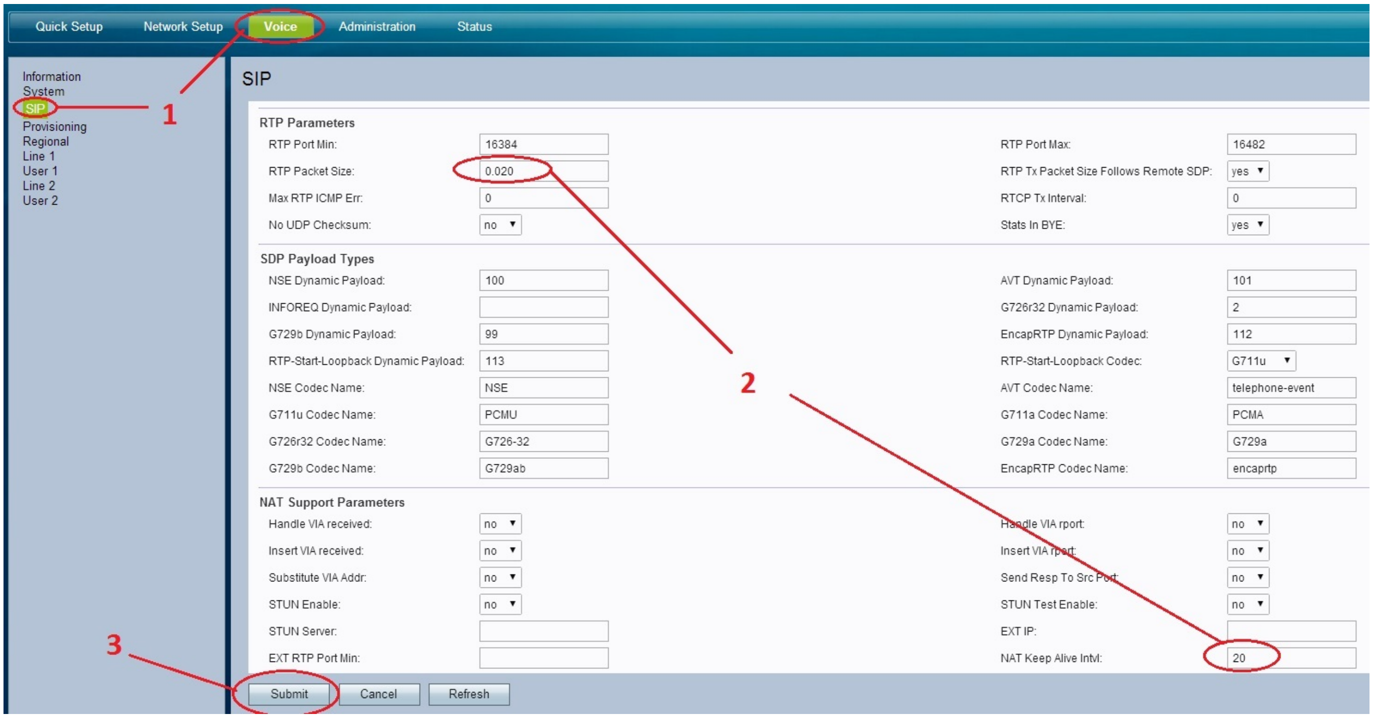
Default Username: admin
Default Password: admin



Step 3.
Go to the 'Network Setup' tab, then on your left side menu click on 'Time Settings' and change the following settings:
Under 'Time Zone' Category choose the appropriate time zone where SPA122 is located.
Then click 'Submit' button to save changes.
Wait until changes are saved.



Step 4.
Go to the 'Voice' tab, then on your left side menu go to 'SIP' tile and change the following settings:
Under 'RTP Parameters' category
RTP Packet Size: *0.020*
Under 'NAT Support Parameters' category
NAT Keep Alive Intvl: *20*
Then click 'Submit' button to save changes.
Wait until changes are saved.



Step 5.

Go to 'Voice' tab, then go 'Regional' line and change the following settings:

Under 'Ring and Call Waiting Tone Spec' category:

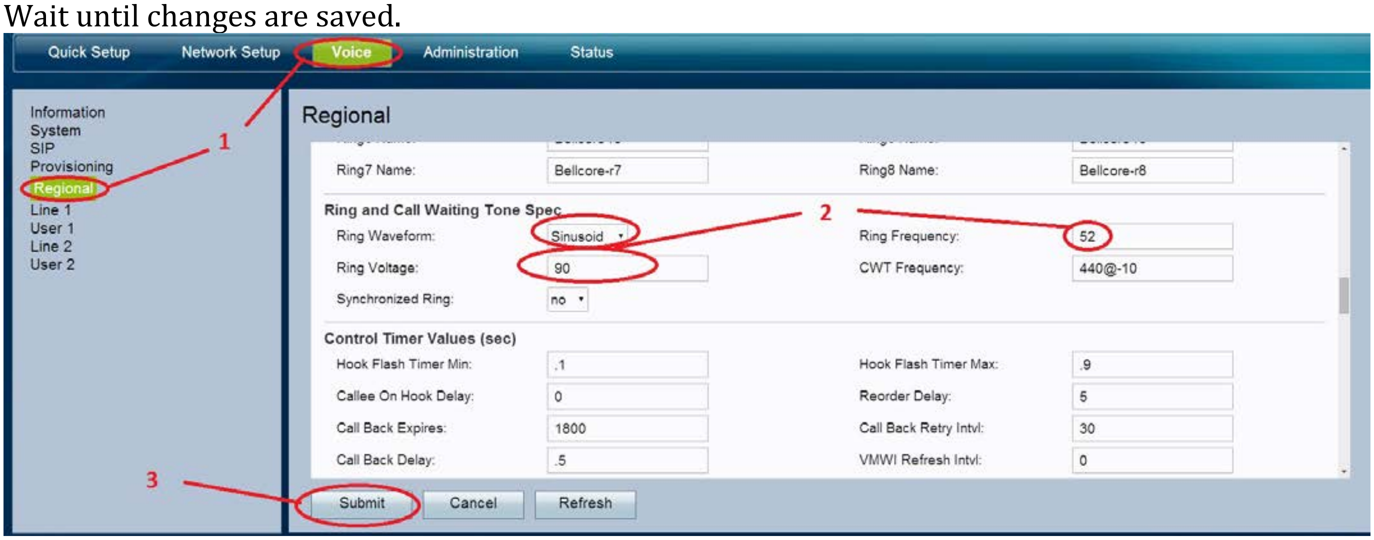
Ring Waveform: *Sinusoid*

Ring Frequency: *52*

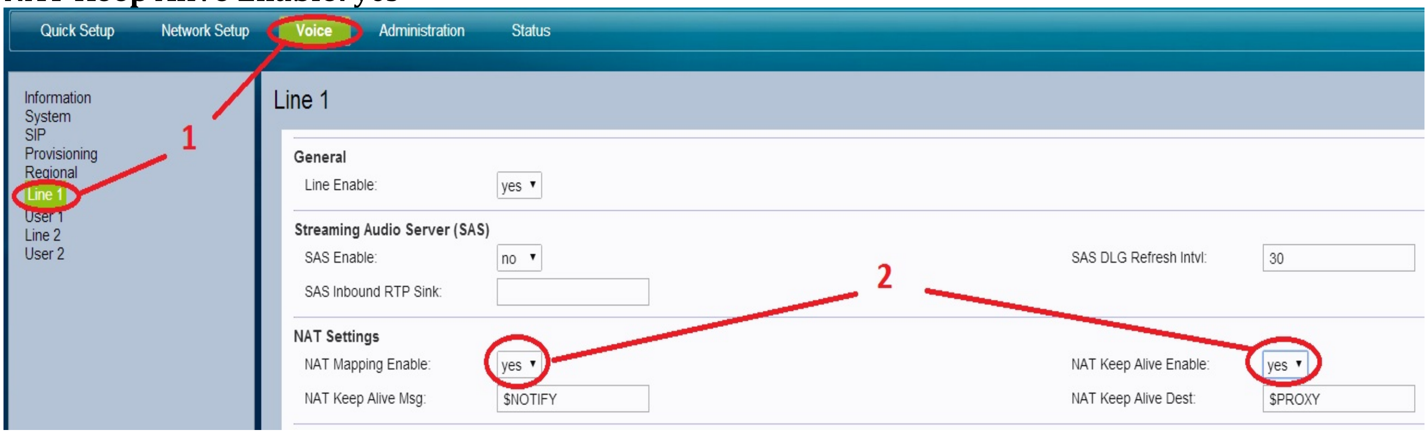
Ring Voltage: *90*

Then click 'Submit' button to save changes.

Wait until changes are saved.

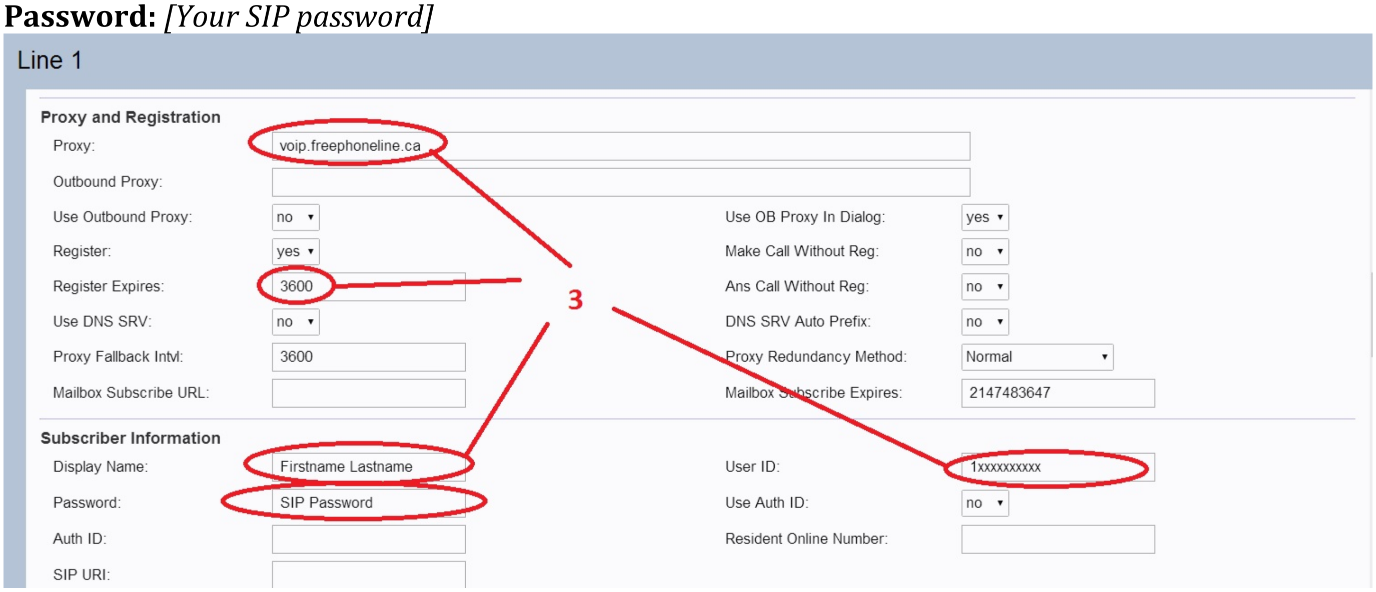


<u>Step 6.</u>
Go to 'Voice' tab, then go 'Line 1' line and change the following settings:
<u>Under 'NAT Settings' category:</u>
NAT Mapping Enable: *yes*
NAT Keep Alive Enable: yes

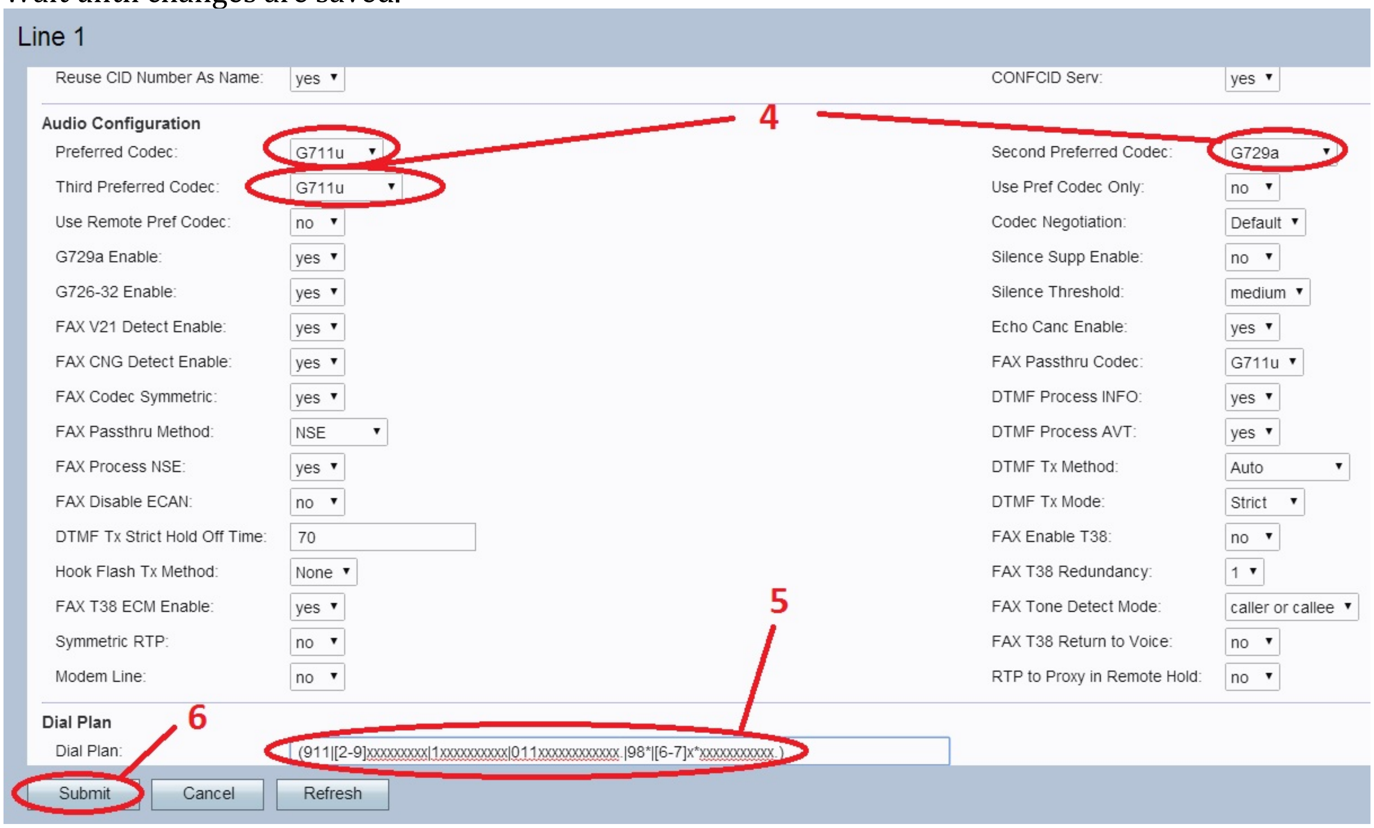


<u>Under 'Proxy and Registration' category:</u>
Proxy: *voip.freephoneline.ca* **OR** *voip2.freephoneline.ca* **[Note: For <u>ROGERS</u> Internet provider customers use *voip4.freephoneline.ca:6060*]**
Register Expires: *3600*

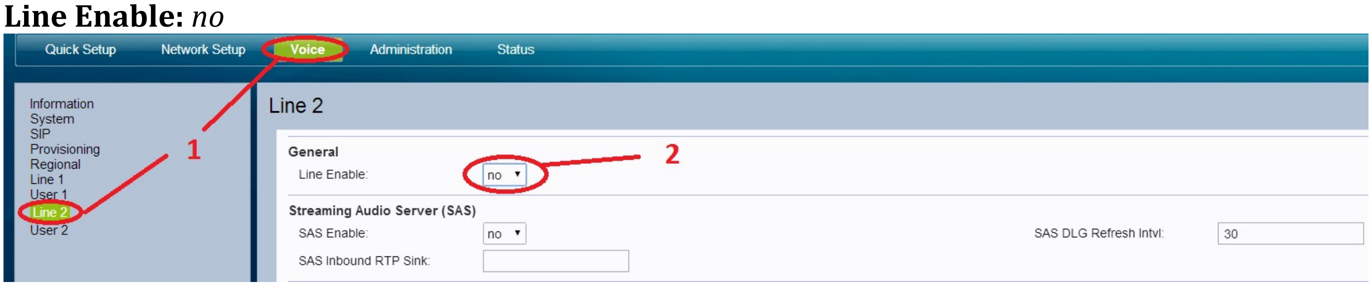
<u>Under 'Subscriber Information' category:</u>
Display Name: *[Your first and last name]*
[Note: ATA and SIP clients with a Caller ID string containing non-alphanumeric characters will prevent you from making outgoing calls]
User ID: *[Your FPL number 1xxxxxxxxxx]*
Password: *[Your SIP password]*



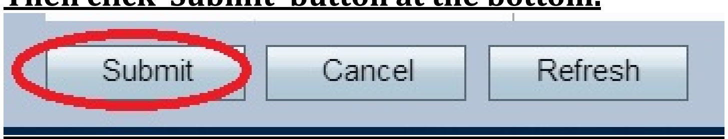
Under 'Audio Configuration' category:
Preferred Codec: *G711u*
Second Preferred Codec: *G729a*
Third Preferred Codec: *G711u*
Under 'Dial Plan' category:
Dial Plan: *(911|[2-9]xxxxxxxxx|1xxxxxxxxxx|011xxxxxxxxxxxx.|98*|[6-7]x*xxxxxxxxxxx.)*
Then click 'Submit' button to save changes.
Wait until changes are saved.



Step 8.
Go to 'Voice' tab, then click on 'Line 2':
Line Enable: *no*



Then click 'Submit' button at the bottom.



Wait until changes are saved.

Enjoy your free phone line! ☺