Grandstream HT502 Configuration Guide for FreePhoneLine
Software Version: 1.0.12.1

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 Grandstream HT502 device.

- Internet cable ***[Note: Connect Ethernet cable to WAN port of your Grandstream HT502 device and another end to your Internet rack/router]***
- Phone line (attached to the phone) ***[Note: Use Phone1 port]***
- Power

Step 2.
By default settings Grandstream HT502 WAN access is disabled.
You have to enable this setting before you access web-based utility.
From the phone attached to Grandstream HT502 device:

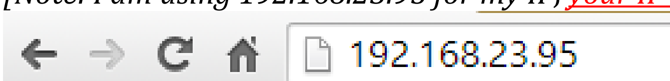
- Dial '***' (to access IVR menu)
- Then dial '12' (to check your WAN Port Web Access status)
- Then press '9' (to toggle between enable/disable) *[Note: Your WAN Port Web Access should be enabled]*
- Hang up the phone

Now, you have to figure out IP address to access web-based utility. From your phone dial:

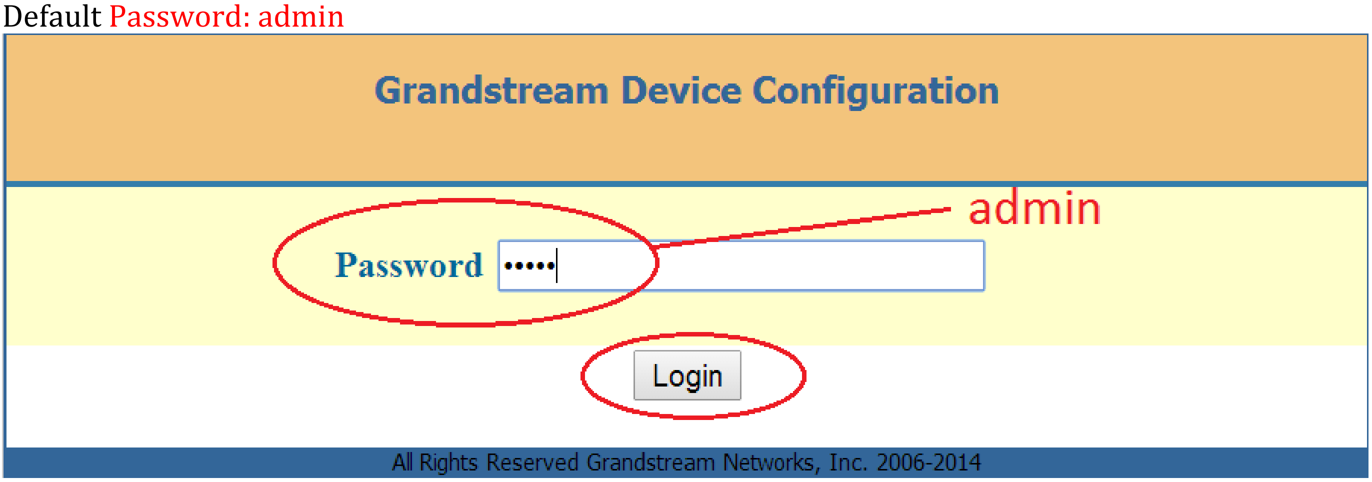
- '***'
- Then dial '02'

Write down your IP address.

Step 3.
On the PC/Mac connected to the same network as your Grandstream HT502 device, go to your browser (Internet Explorer; Chrome; Firefox; Opera; Safari, etc.).
In the URL bar put your IP address from Step 2.
[Note: I am using 192.168.23.95 for my IP, your IP address might be different!]



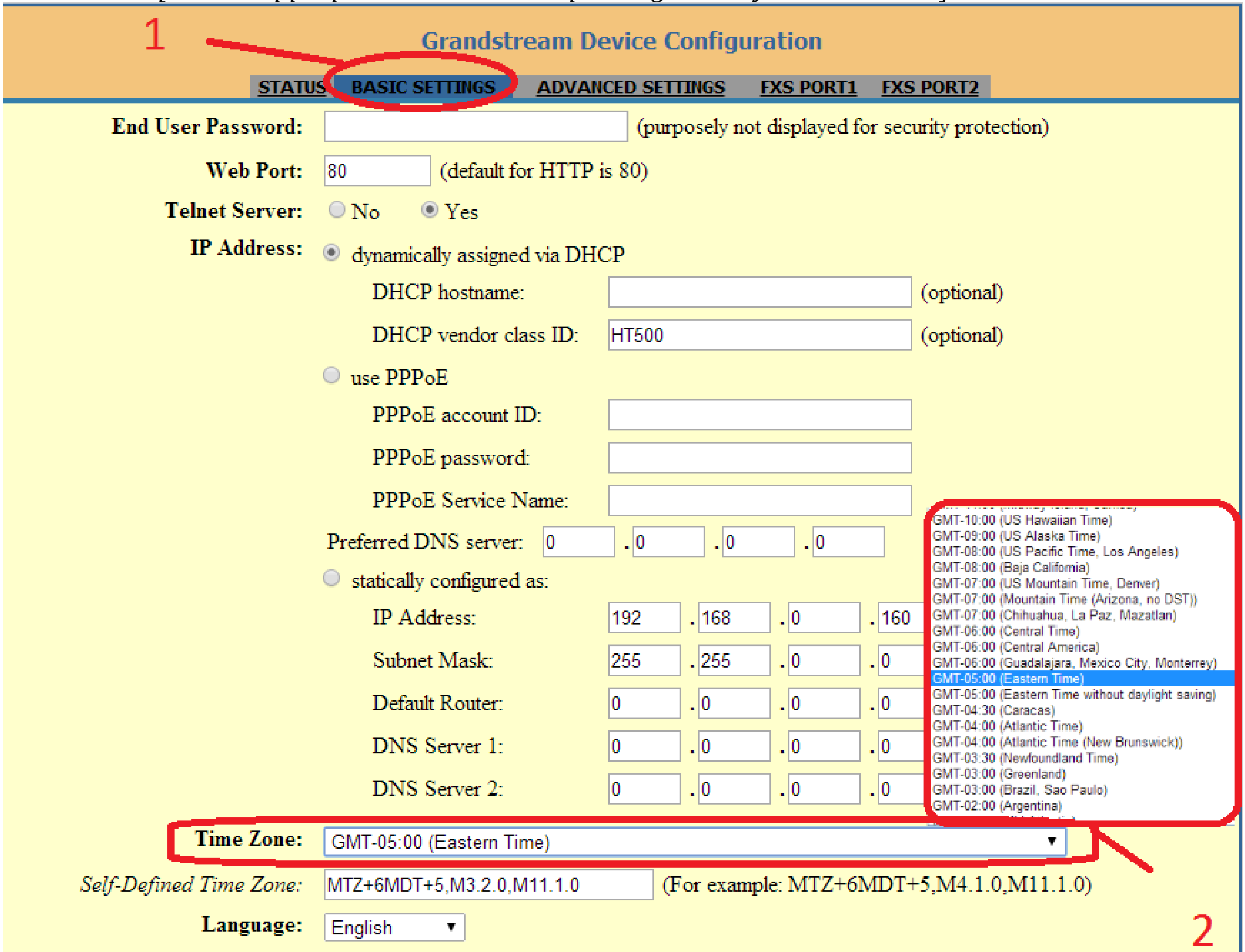
Web-based utility will appear.
Now you have to login.
Default Password: admin



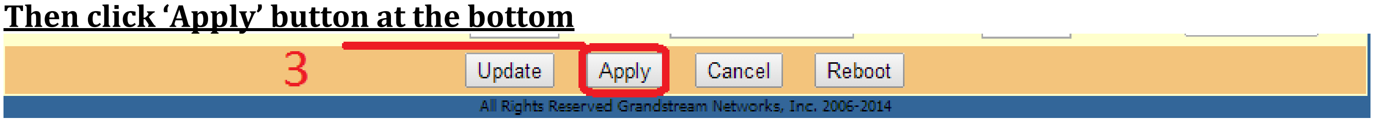
Step 4.

Go to 'BASIC SETTINGS' tab and fill in the following settings:

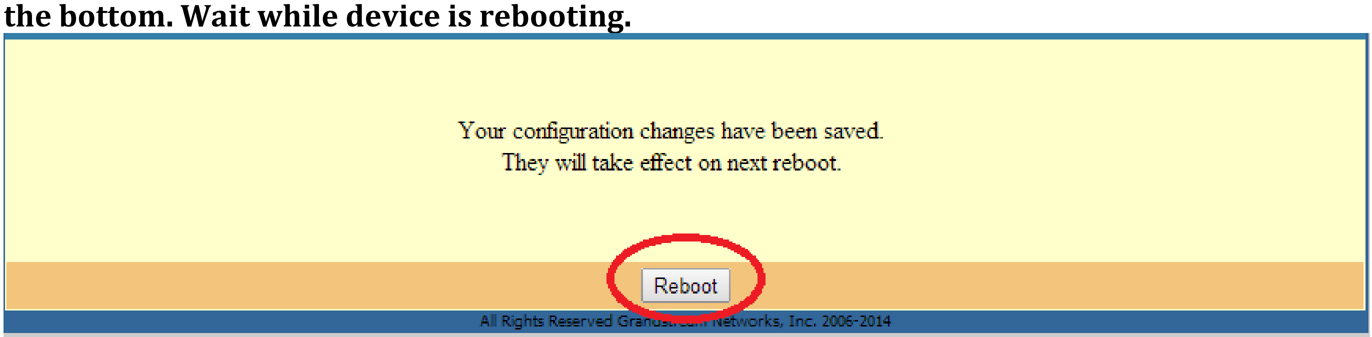
Time Zone: *[Choose appropriate time zone, depending where you are located]*



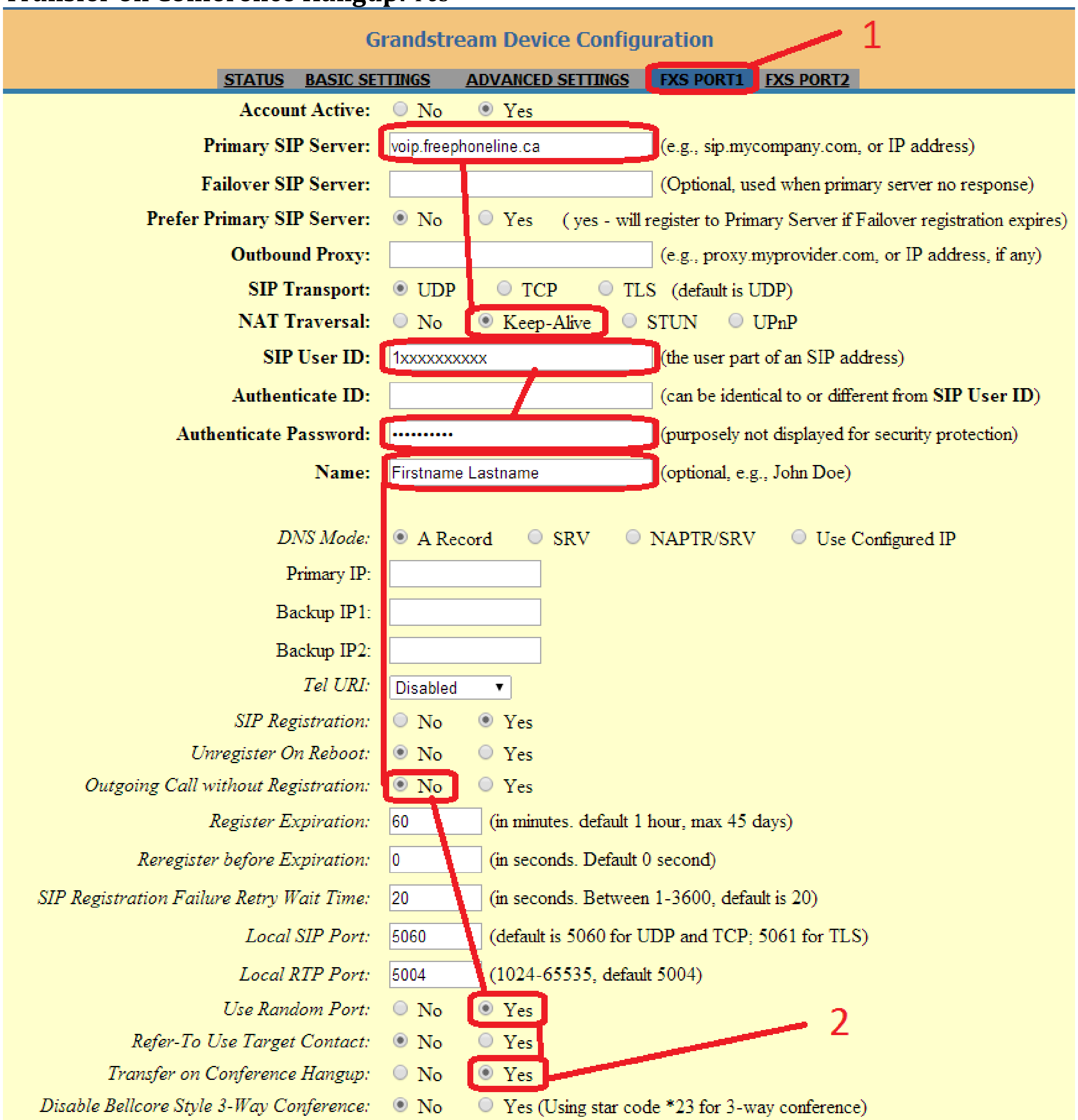
Then click 'Apply' button at the bottom



After you click 'Apply' button, device should ask you to reboot. If so – click on 'Reboot' button to apply the changes you have made. If it doesn't – go back to 'BASIC SETTINGS' tab and click 'Reboot' button at the bottom. Wait while device is rebooting.



Step 5.
Go to 'FXS PORT 1' tab and change the following settings:
Primary SIP Server: *voip.freephoneline.ca* **OR** *voip2.freephoneline.ca* **[Note: For ROGERS Internet provider customers use *voip4.freephoneline.ca:6060*]**
NAT Traversal: *Keep-Alive*
SIP User ID: *[Your FPL number 1xxxxxxxxxx]*
Authenticate Password: *[Your SIP password]*
Name: *[Your first and last name]*
Outgoing Call without Registration: *No*
Use Random Port: *Yes*
Transfer on Conference Hangup: *Yes*

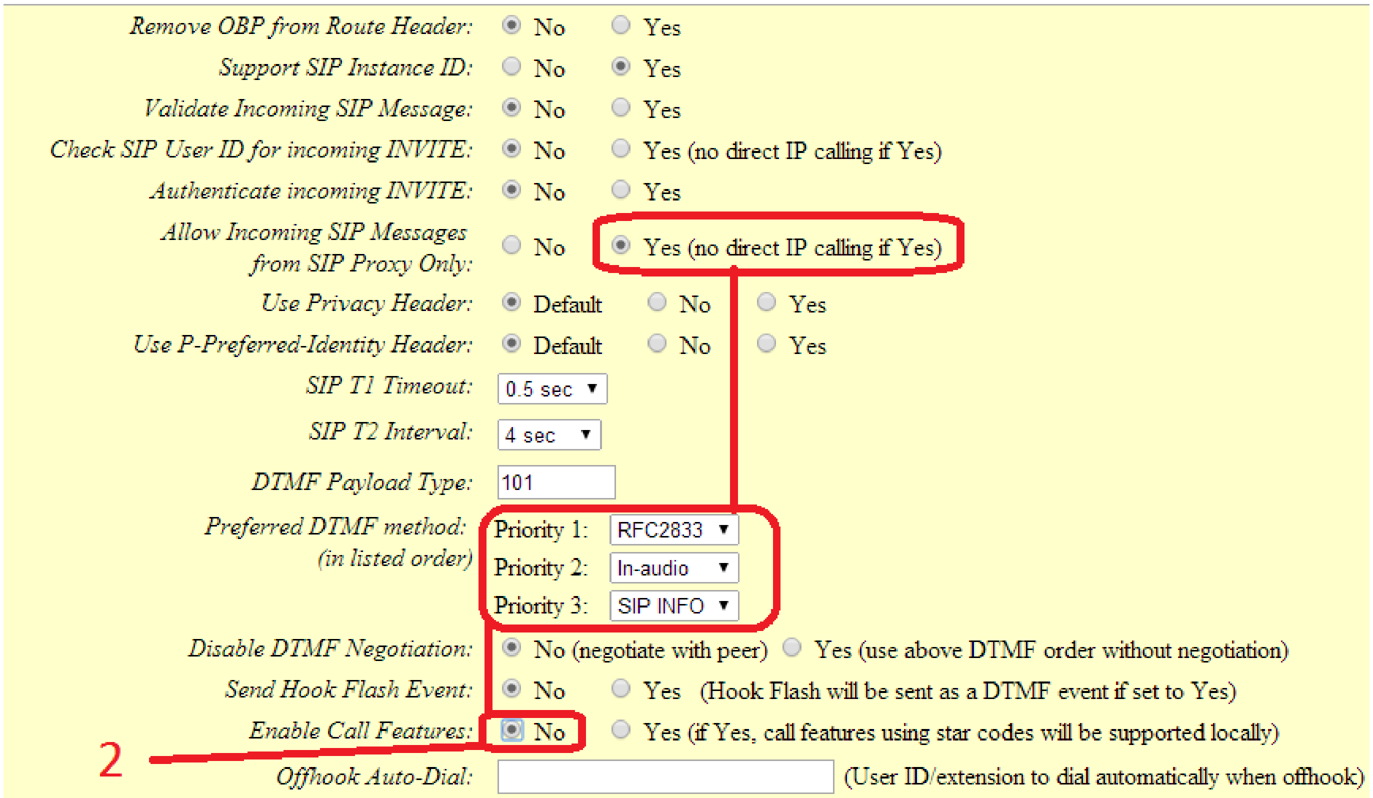


Allow Incoming SIP Messages from SIP Proxy Only: *Yes*

Preferred DTMF method: (in listing order)

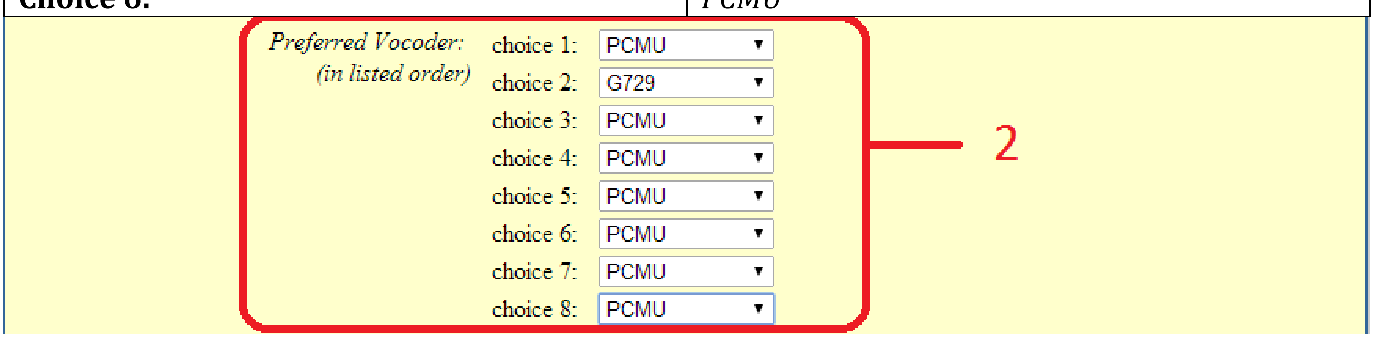
Priority 1:	*RFC2833*
Priority 2:	*In-audio*
Priority 3:	*SIP INFO*

Enable Call Features: *No*

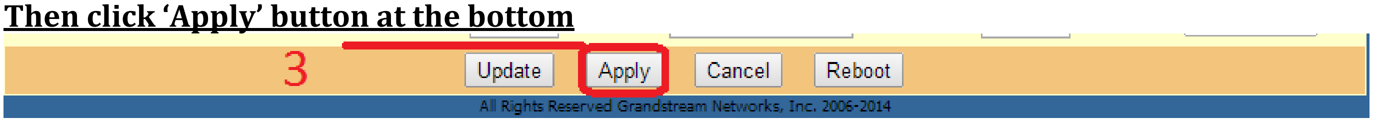


Preferred Vocoder: (in listed order):

Choice 1:	*PCMU*
Choice 2:	*G729*
Choice 3:	*PCMU*
Choice 4:	*PCMU*
Choice 5:	*PCMU*
Choice 6:	*PCMU*



<u>Then click 'Apply' button at the bottom</u>

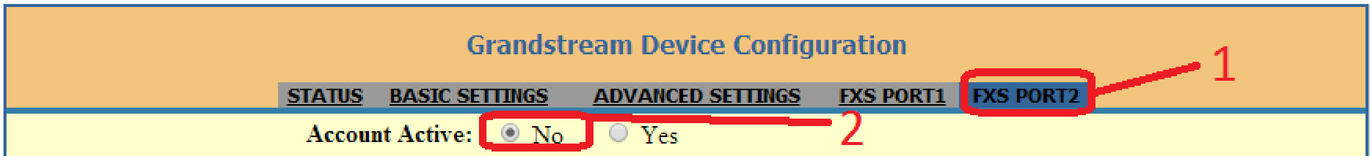


The device might not ask you for reboot. In this case – after you applied changes, go back to 'FXS PORT 1' tab and click 'Reboot' at the bottom. Wait while device is rebooting.

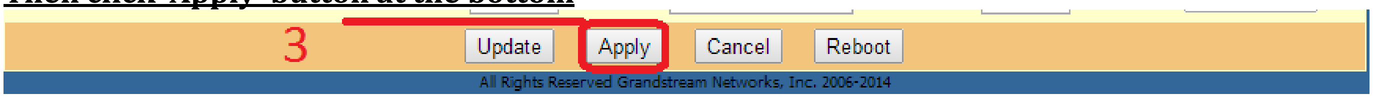
Step 6.

Go to 'FXS PORT 2' tab and change the following settings:

Account Active: *No*



Then click 'Apply' button at the bottom



The device might not ask you for reboot. In this case – after you applied changes, go back to 'FXS PORT 2' tab and click 'Reboot' at the bottom. Wait while device is rebooting.

Enjoy your free phone line! ☺