

Dock Lifeguard Phone Notifications for Android Phones

v1.2

July 2024

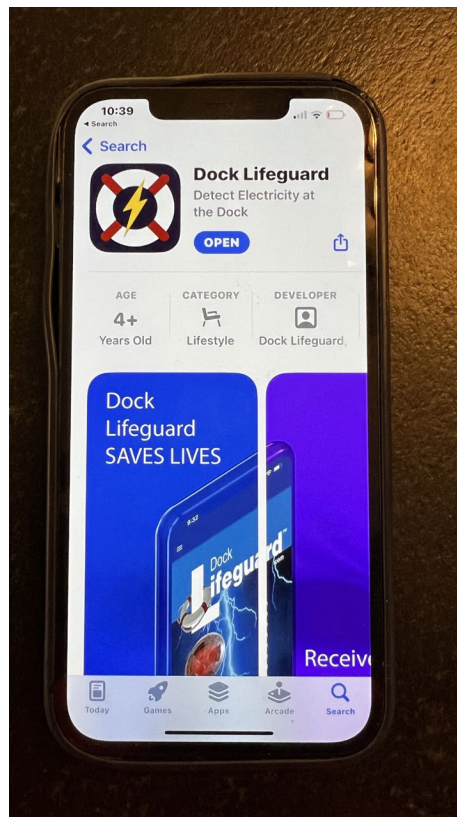
The following guide will lead you through the steps to setup your Android Phone to monitor and receive alarm notifications from your Dock Lifeguard Shock Warning System. You will need Wi-Fi access at the location where the system will be installed on the dock.

You will need a Phillips Head screwdriver to open the lid on the Dock Lifeguard to gain access to the IoT board for setting up the system. If your DLG IoT board did not come pre-installed in your Dock Lifeguard system, please refer to install instructions in the Appendix A.

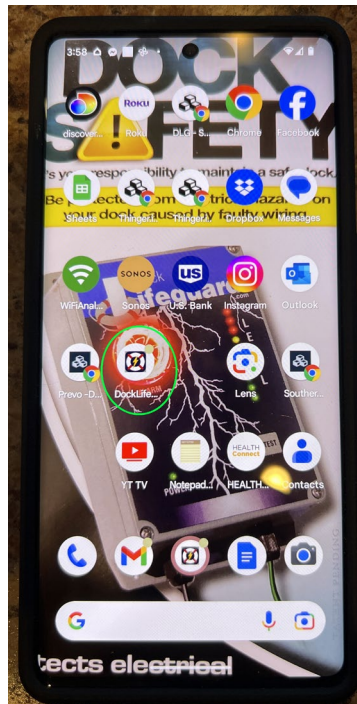
You can set up your push notifications on the Dock Lifeguard prior to the physical installation of the system on your dock or after the Dock Lifeguard has been physically installed.

Prior to setting up the App, you will need to remove the front cover of the Dock Lifeguard unit to gain access to the SOFT AP/Reset Button for setting up your system. The Dock Lifeguard will need to be plugged in to provide power to the system. The sensing probe or ground reference wires coming out the Dock Lifeguard box do not have to be connected for Push Notification setup.

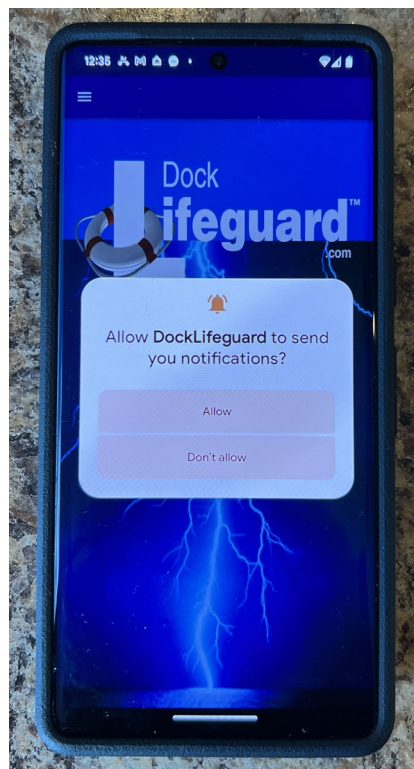
Download the Dock Lifeguard app from the Android Play Store

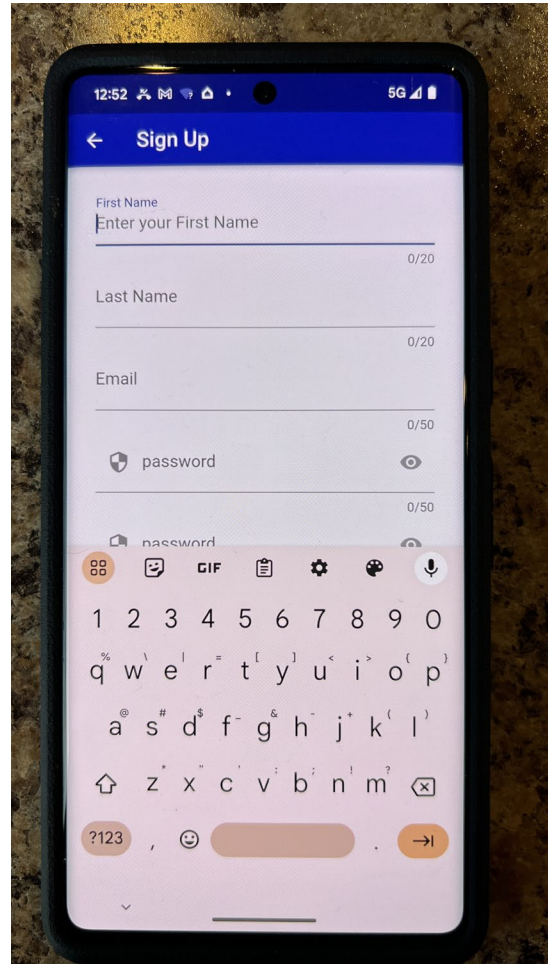
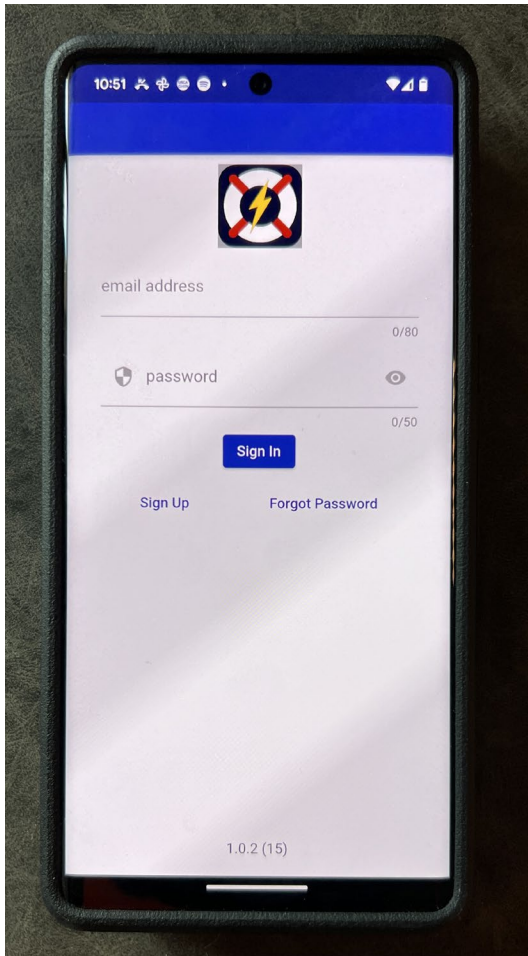


Open the Dock Lifeguard App on your phone.

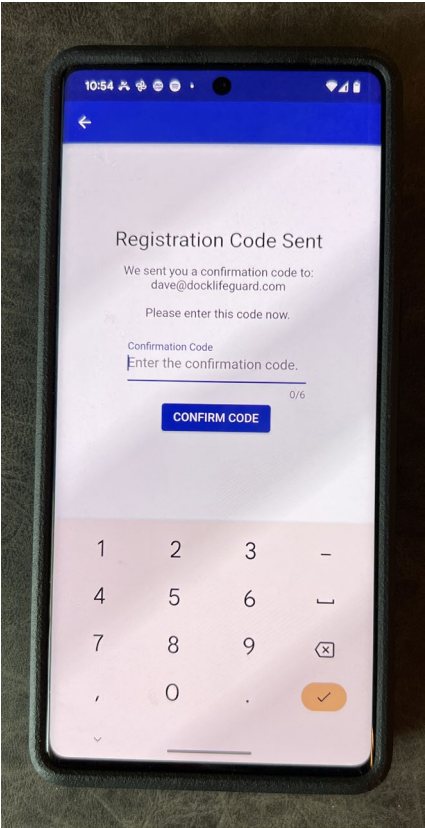
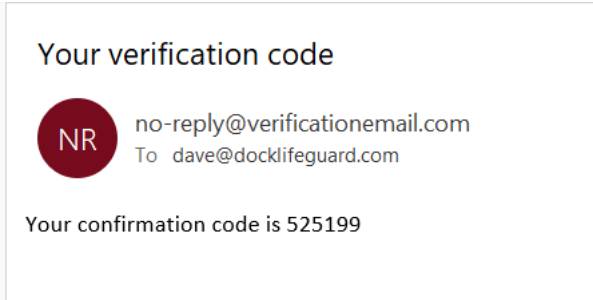


The first time you launch the App you will need to set up an account and allow notifications. The password will require a Number and Special Character. If prompted, allow the Dock Lifeguard to send you notifications.

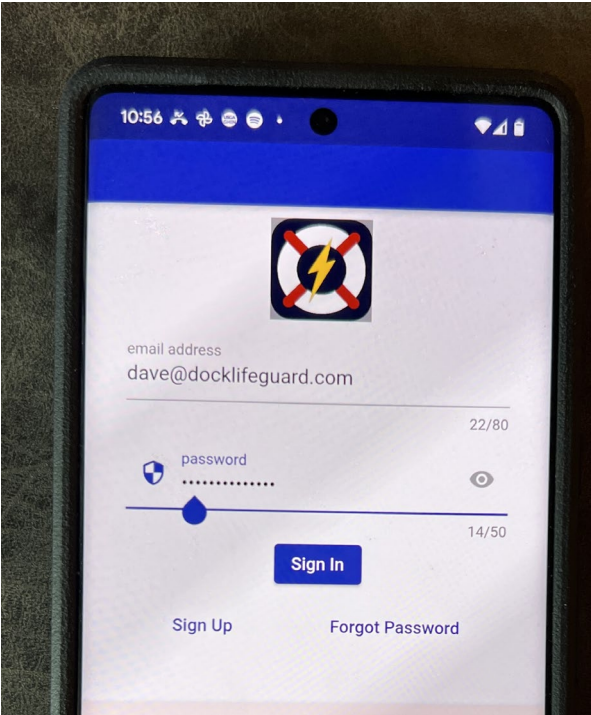




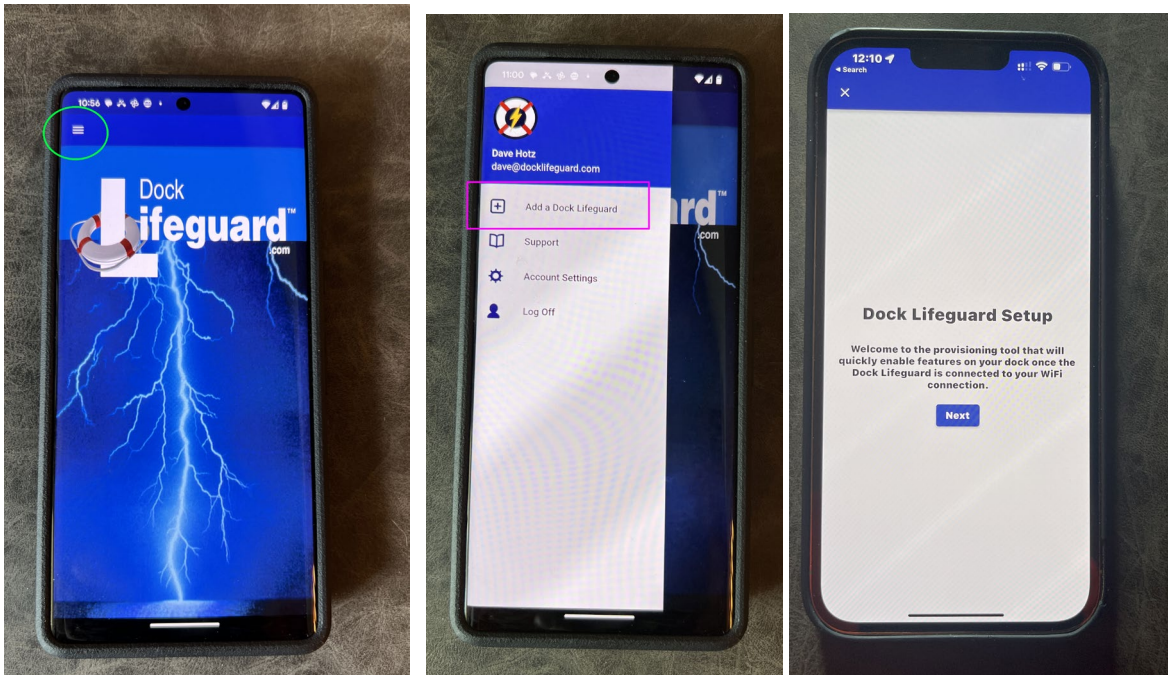
A Verification/Registration code will be emailed to your email address



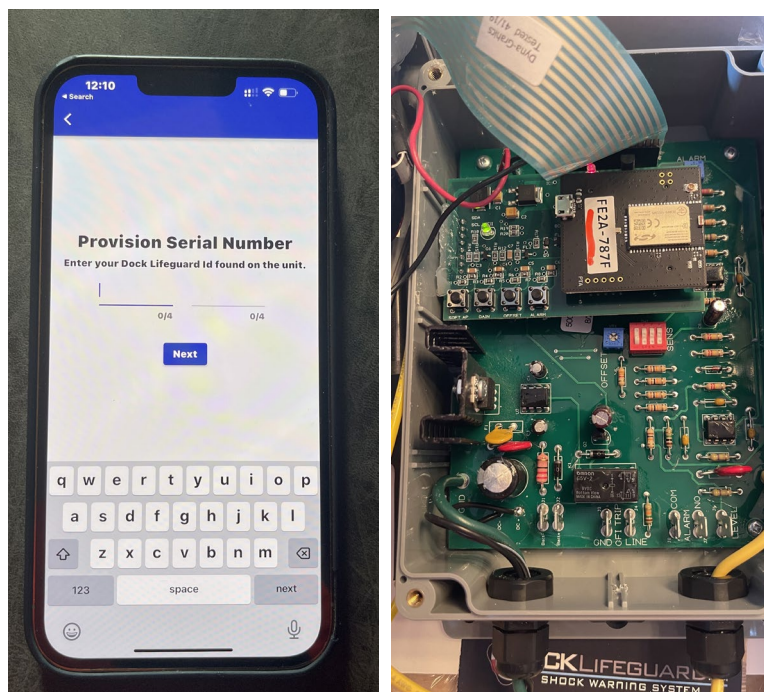
After entering the /verification registration code, you will be taken back to the Sign In Page.

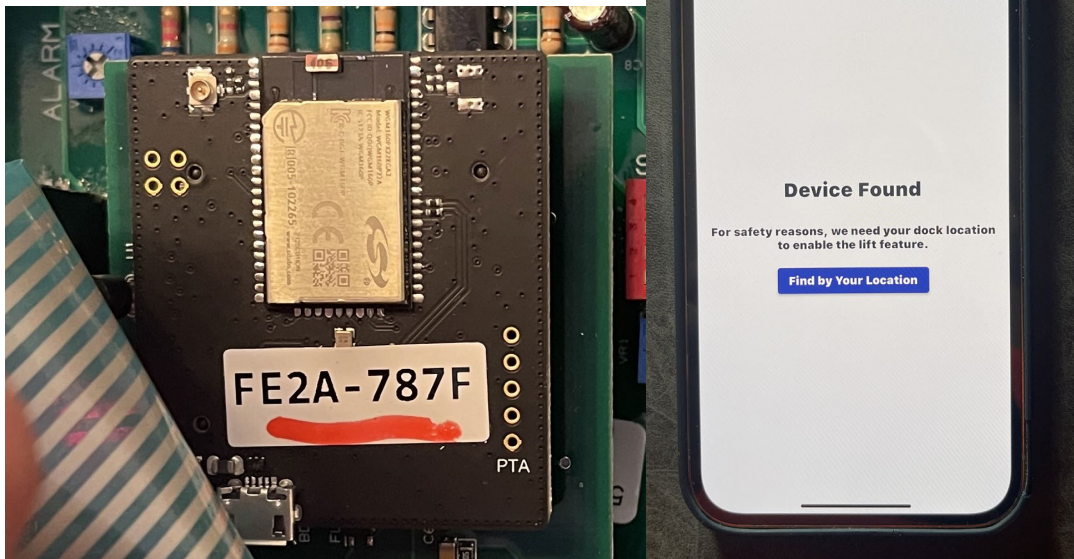


The first time using the App you will want to Add a Dock Lifeguard

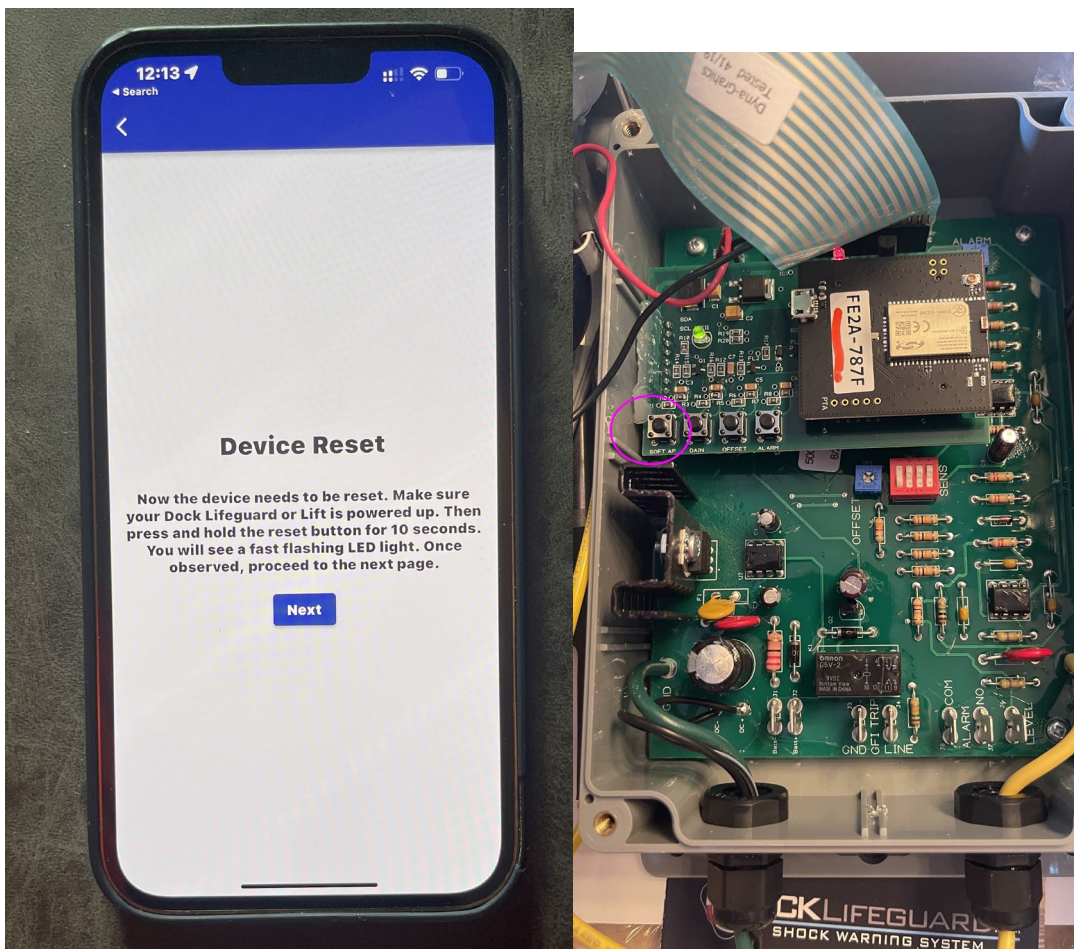


Enter in your 8 digit Id that is on the front of your DLG IoT card



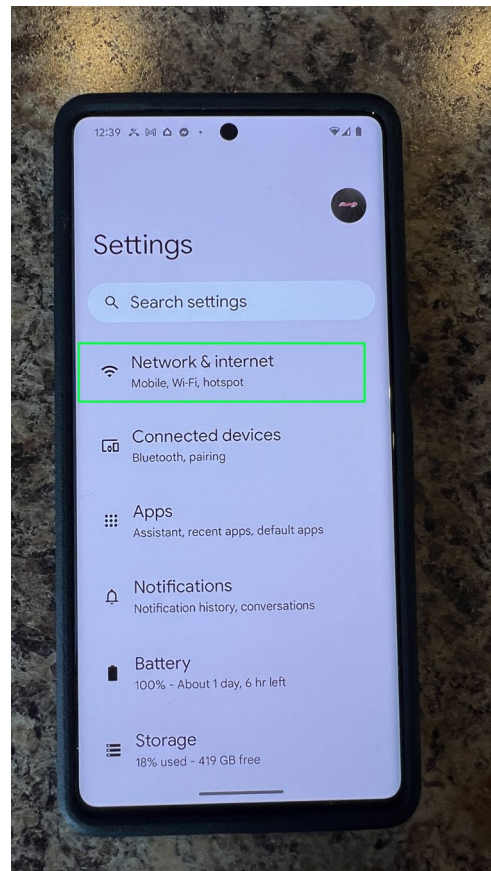
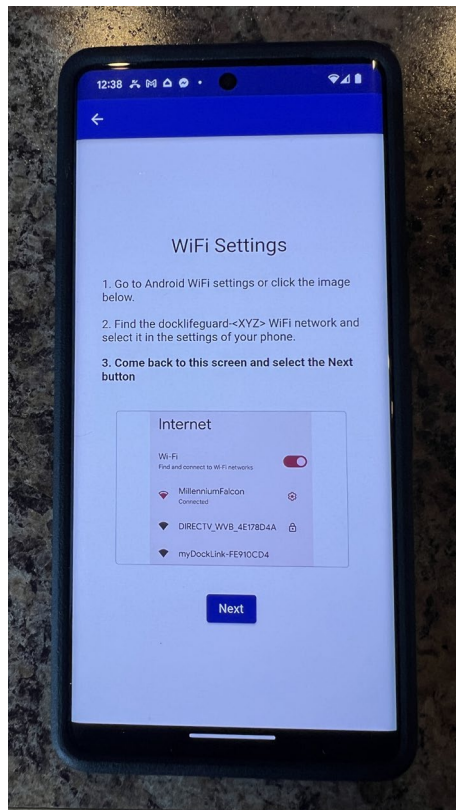


You will need to set up communication between the DLG IoT board and your local Wi-Fi.

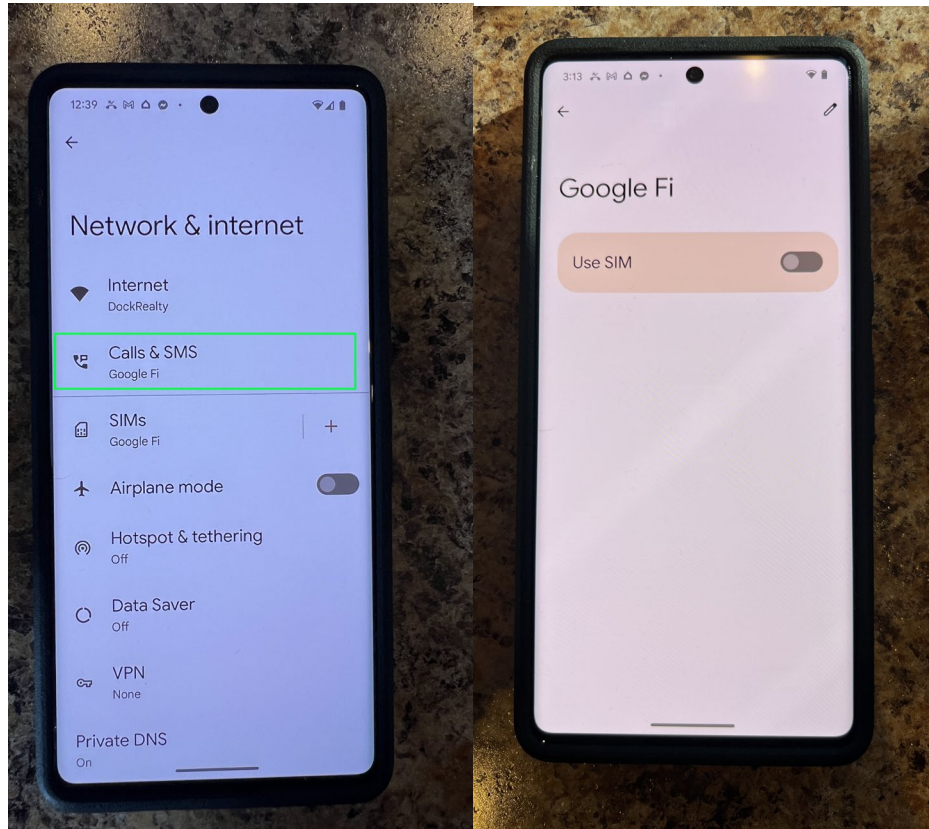


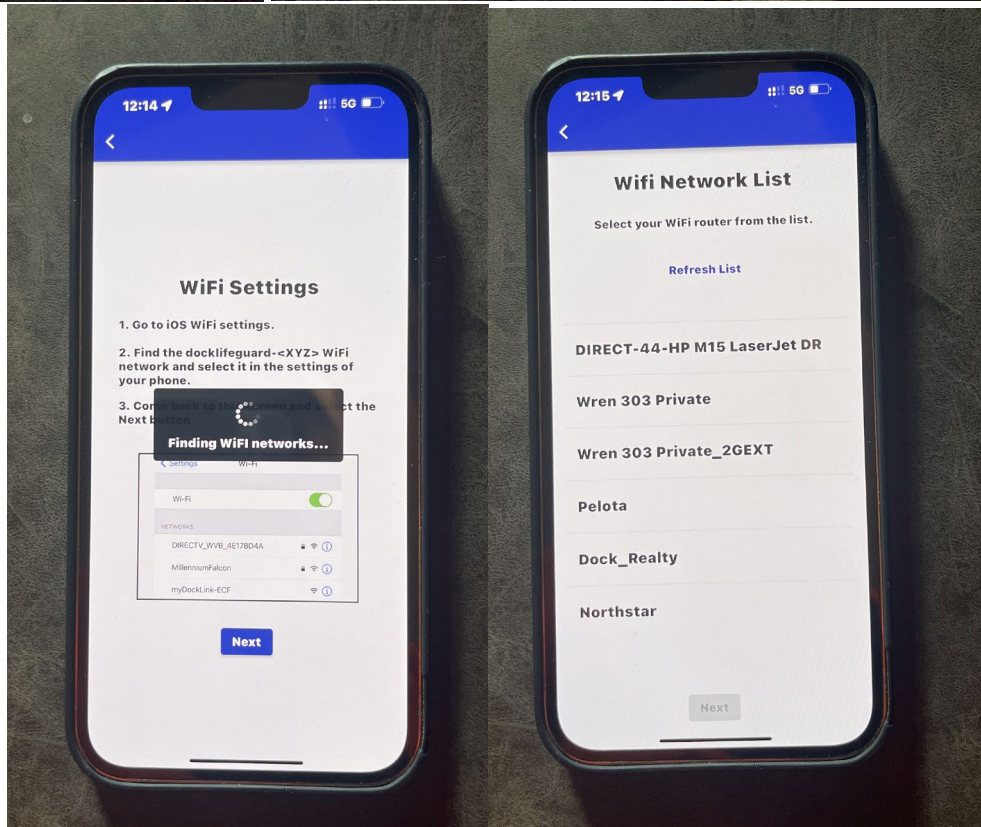
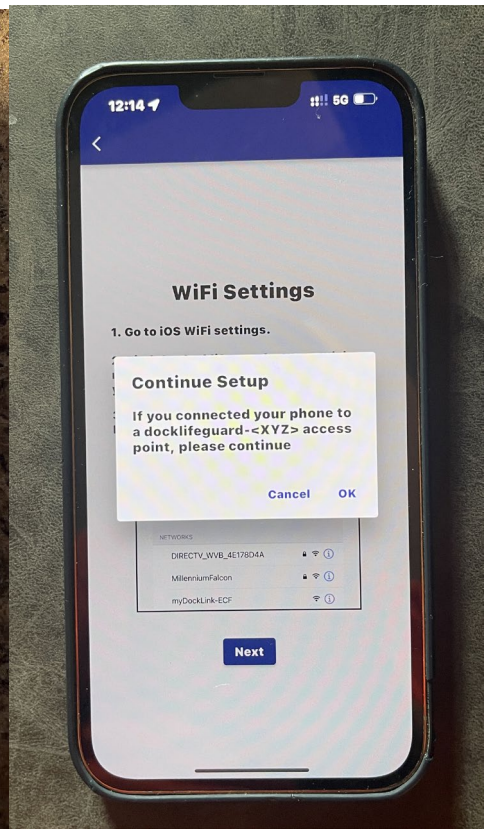
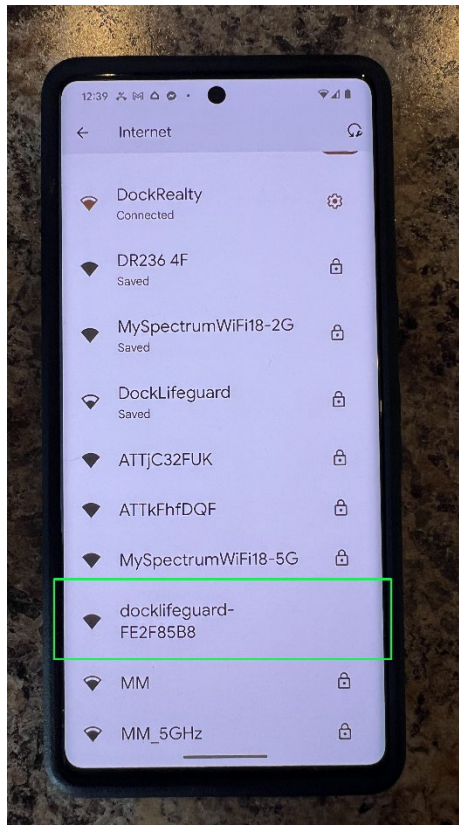
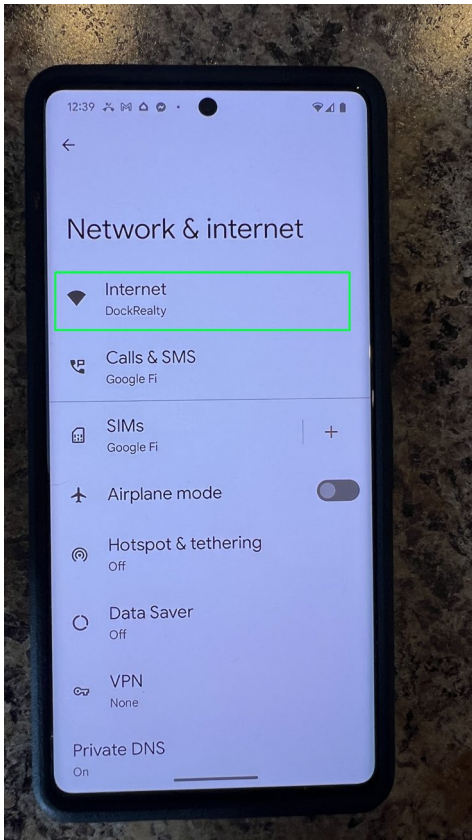
The reset button on the IoT board is labeled "SOFT AP"

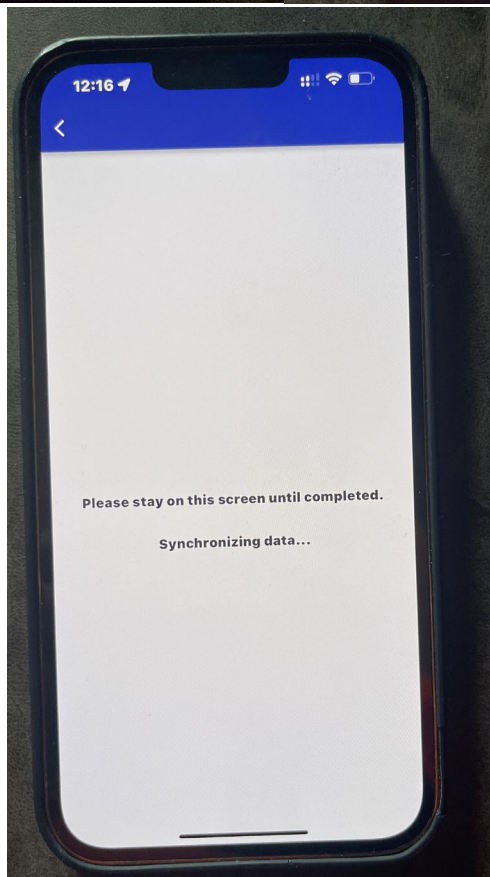
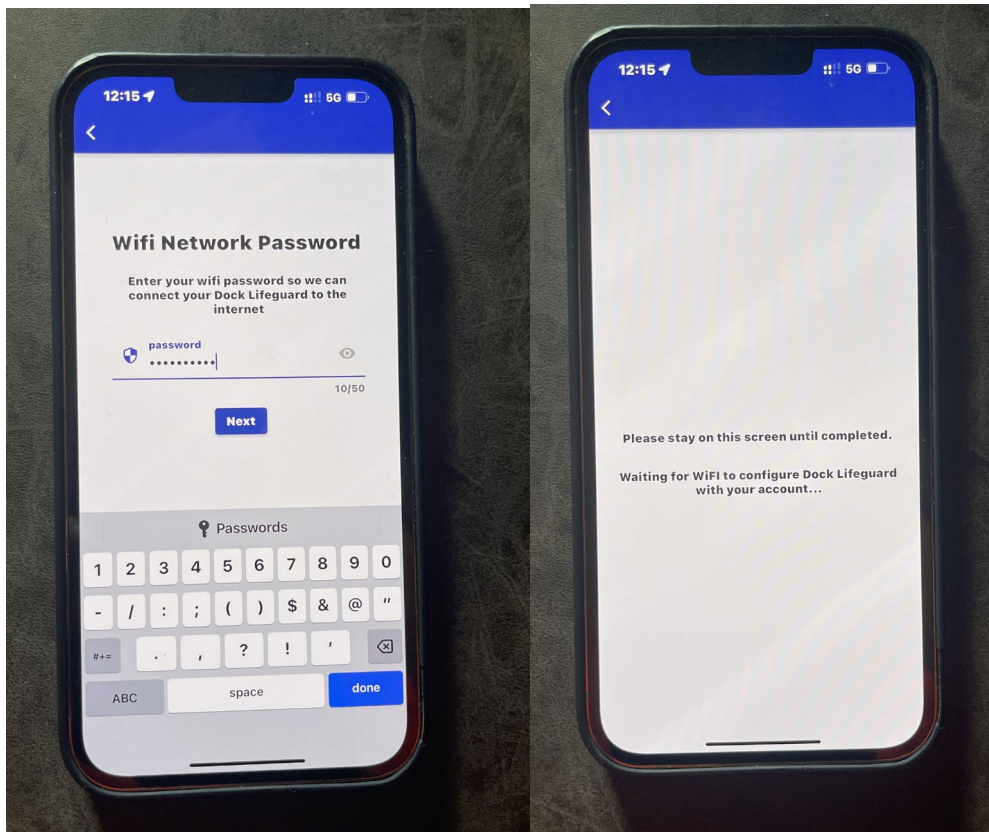
Press and hold the SOFT AP/reset button until the green lights starts flashing repeatedly (~10 seconds). The green LED will continue to flash with the board is in pairing mode.

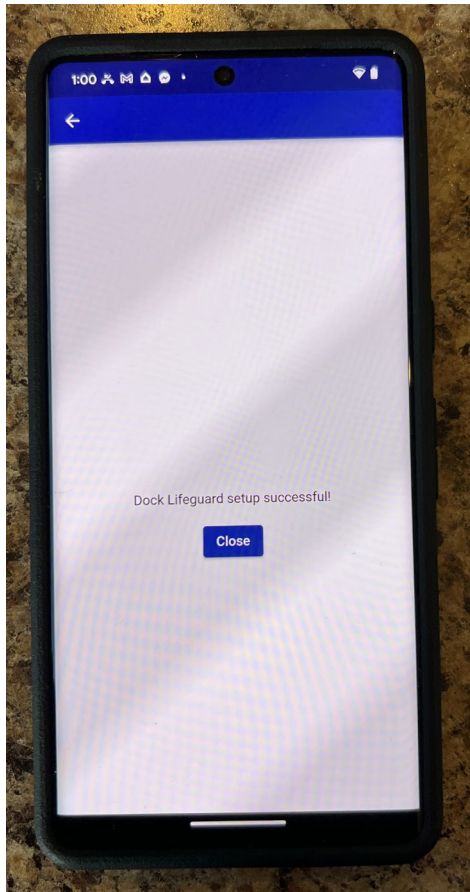


If you are using a Google Fi phone, you may need to temporarily disable Google Fi service until the pairing is setup.







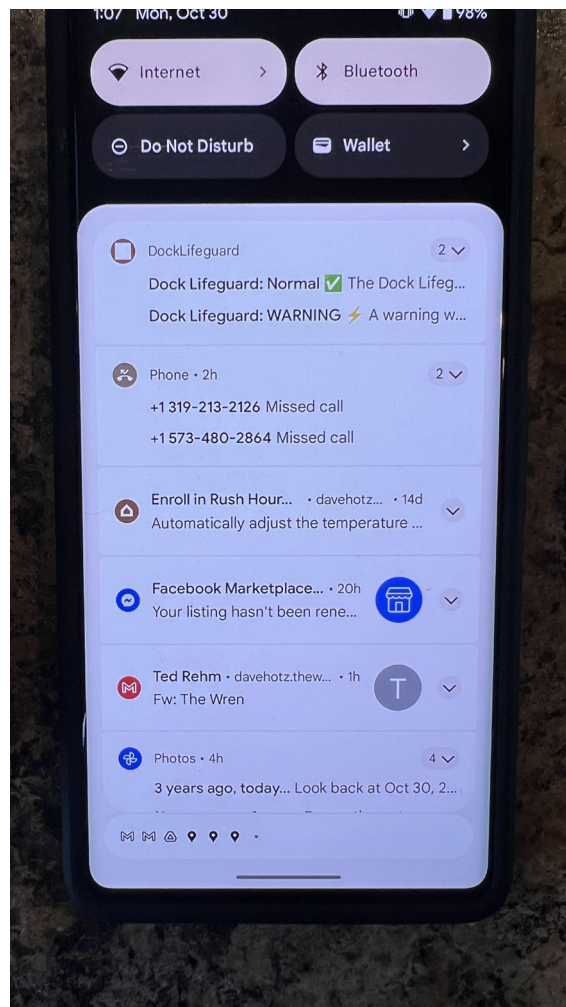


The lid of the Dock Lifeguard can now be put back on and you can test the system by pressing and holding the Test button for approximately 5 seconds on the front of Dock Lifeguard.

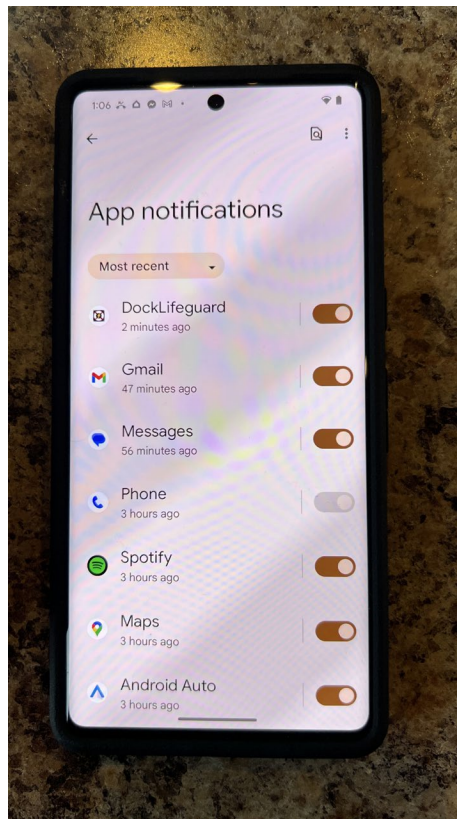




When the Dock Lifeguard App is not in foreground. Alert Messages will be sent to your phone.

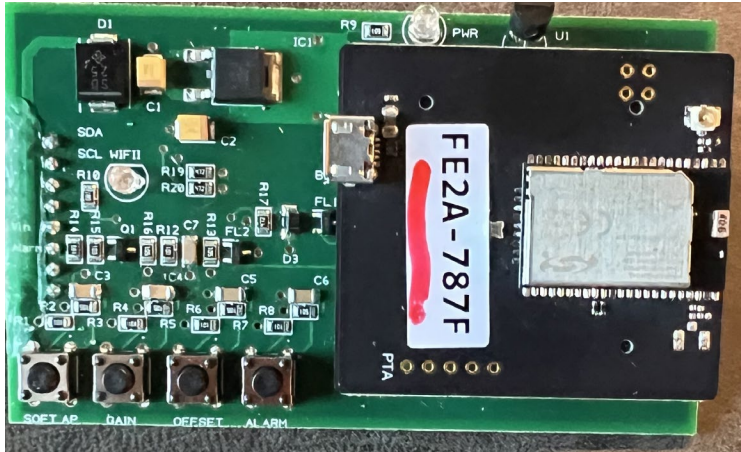


If you do not see the notifications, make sure you have notifications turned on for DockLifeguard in your App
Notifications

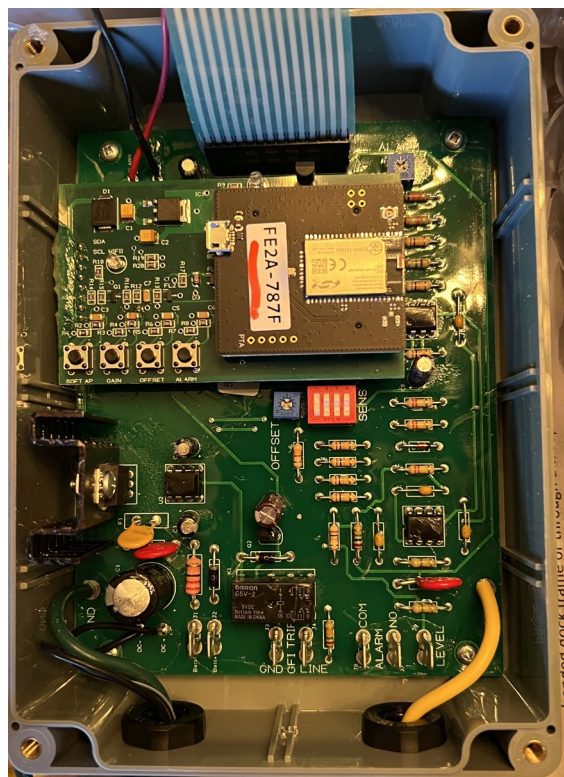
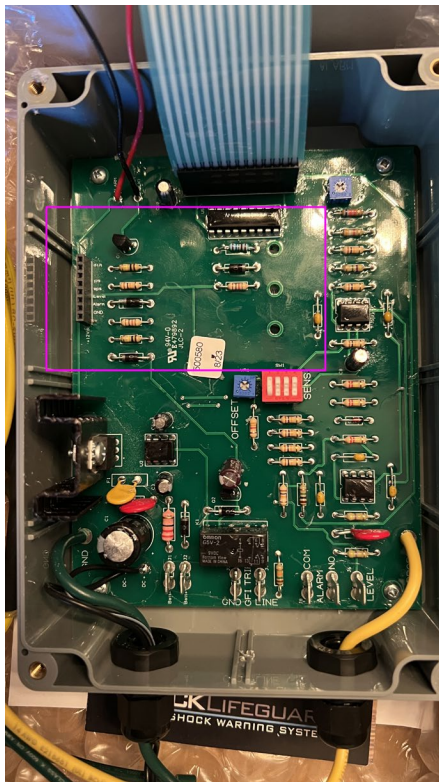


Appendix A , Installation of DLG IoT Board

When Installing DLG IoT board on Dock Lifeguard Motherboard take note of the digital id printed on the card. On this card it is FE2A-787F. It will be needed when setting up the software app on your phone.

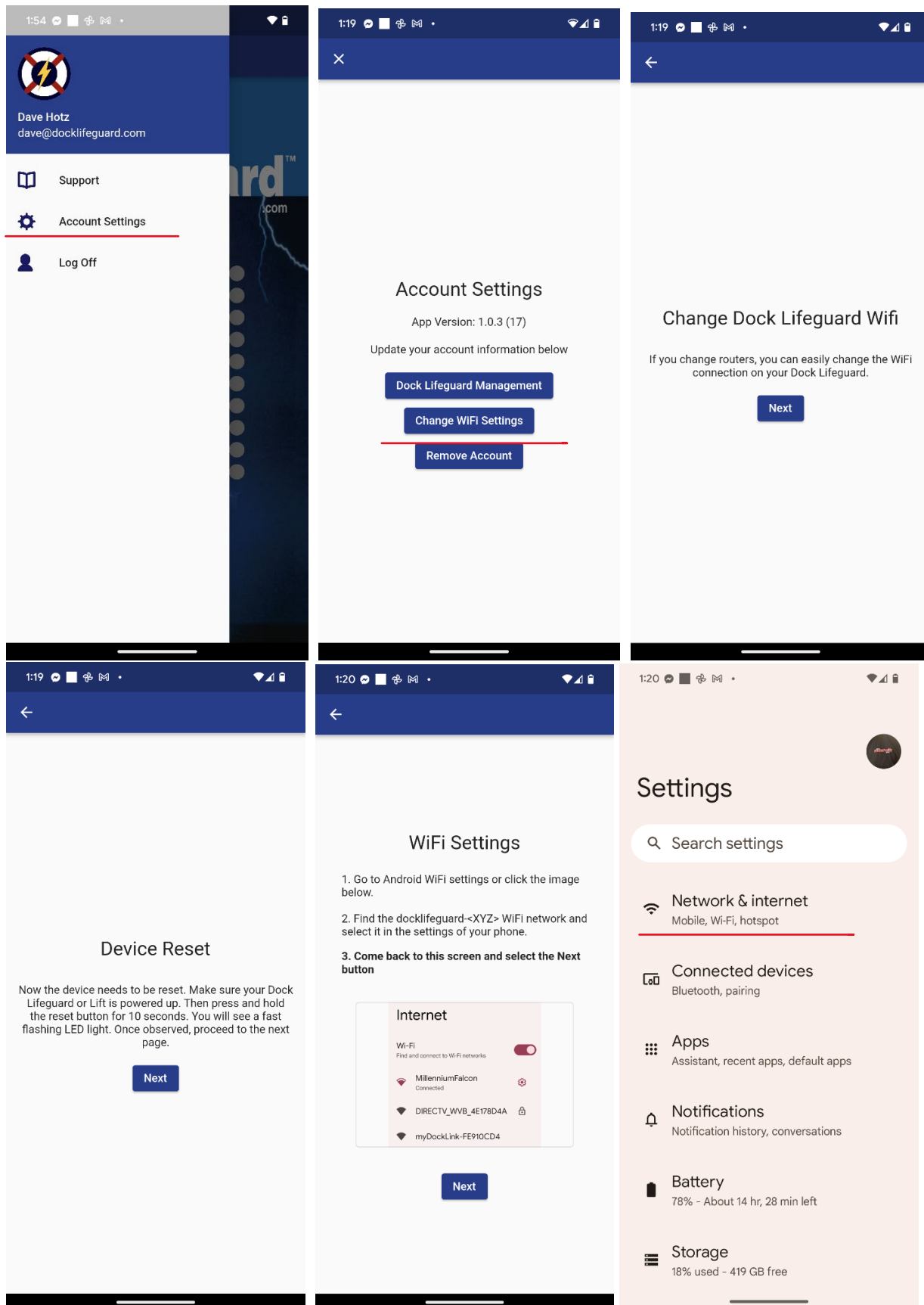


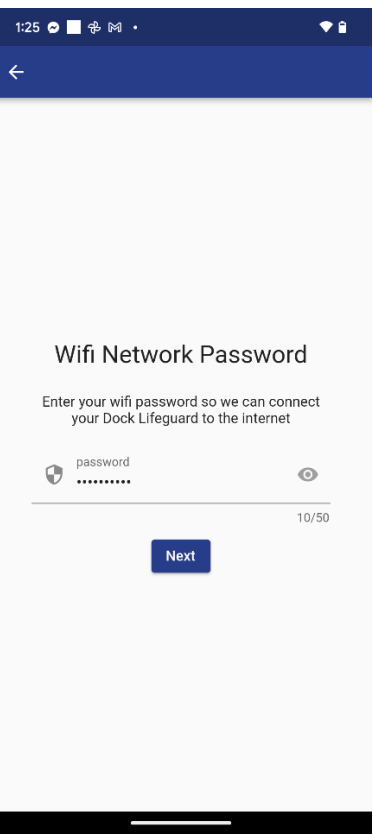
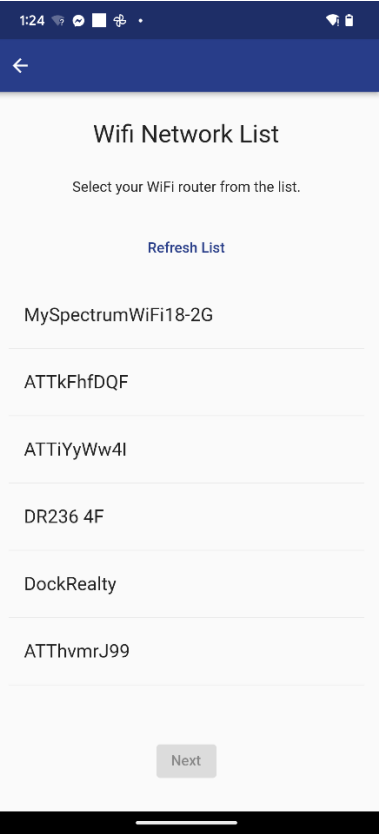
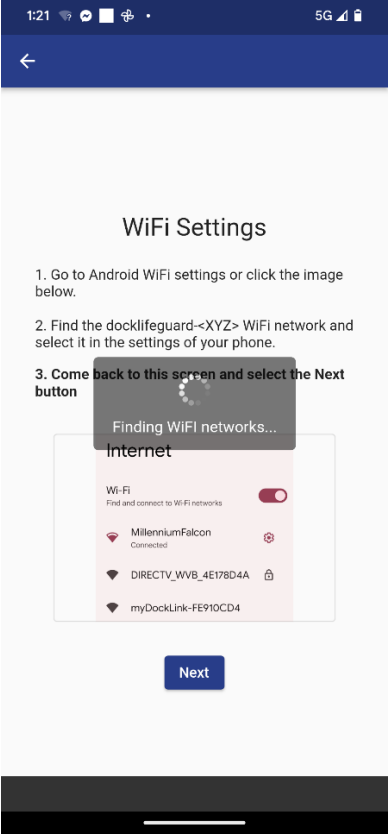
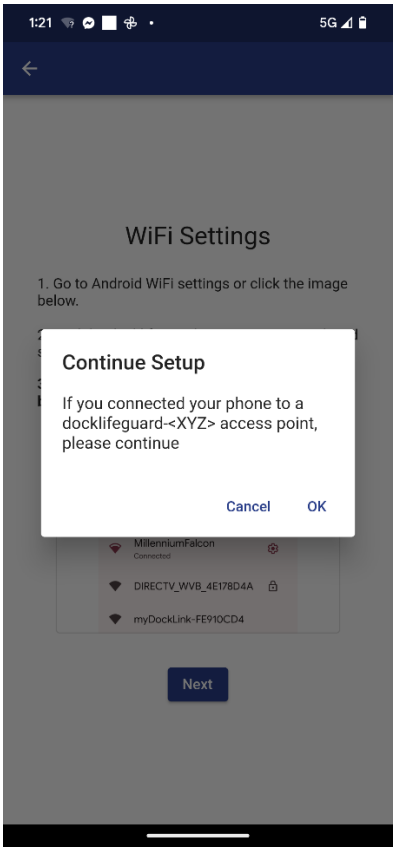
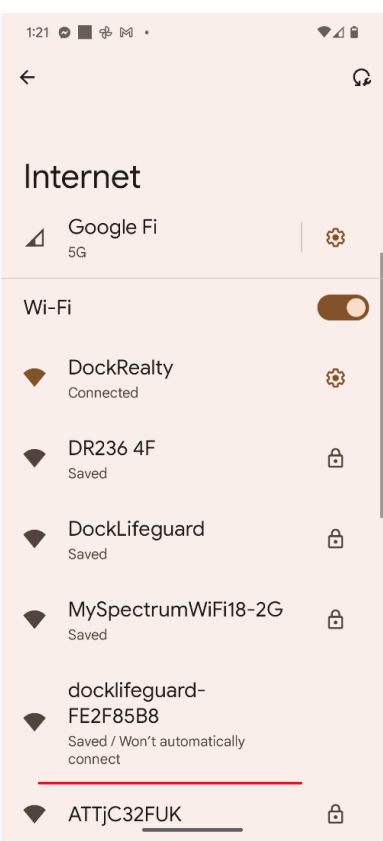
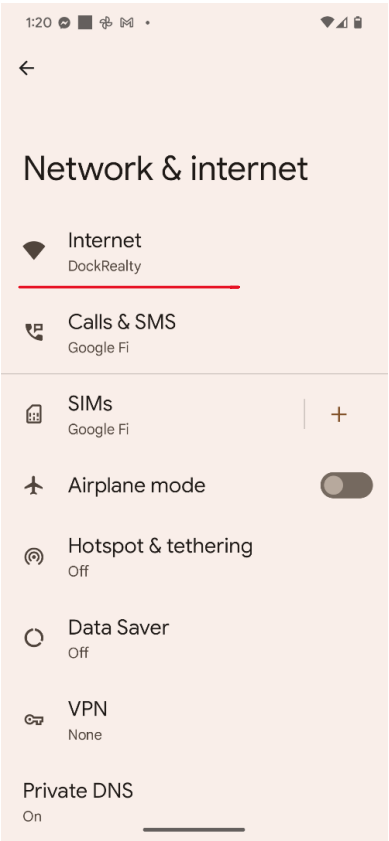
Align pins on the back of the DLG IoT board to the socket on the left side of the mother board and firmly push the board onto the mother board. There will be white plastic guide pin on the board that needs to be seated in the center hole of the mother board.

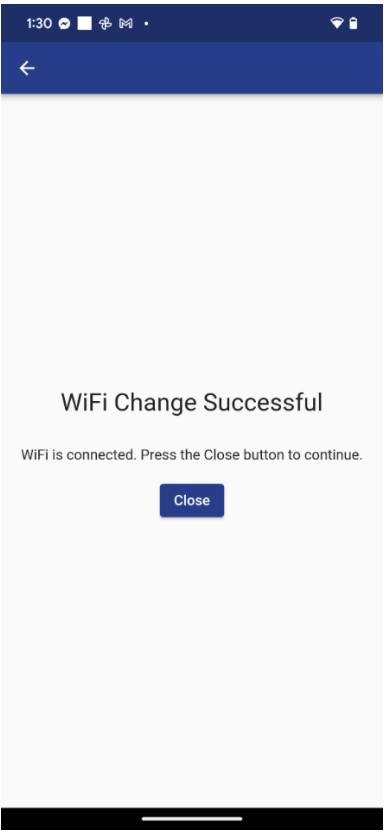
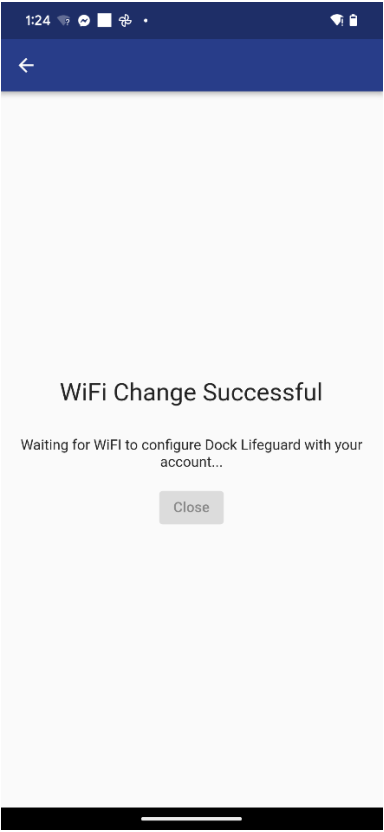


Appendix B , Changing Wi-Fi

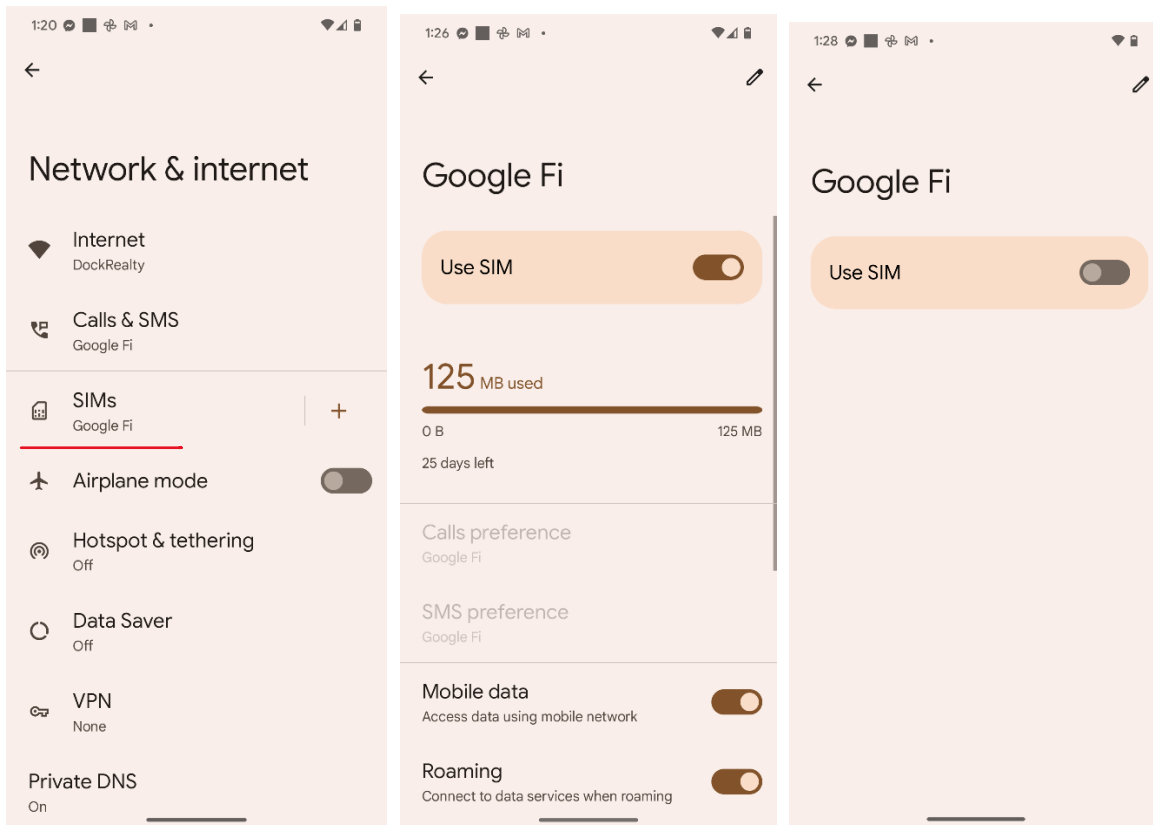
Follow these steps if you wish to change the Wi-Fi used by your Dock Lifeguard.







Note for Google Fi Users: If you are using a Google Fi phone, you may need disable the Google Fi service while you are setting up the Wi-Fi to be used on your Dock Lifeguard system. Once your Dock Lifeguard has been setup with the new Wi-Fi you can go back to Settings “SIMs” and turn back on “Use SIM”.



Trouble Shooting

App Losing Connection: If the Dock Lifeguard app has lost connection to the Dock Lifeguard system and the system is powered up. Try killing the mobile app and then restarting to re-establish connection.



Router with Firewall Enabled: If you have a firewall turned on your router, you may need to open up Outbound Port 8883 to allow the IoT to pass through data.