- **One of the blue LEDs of the crazyflie stops blinking in bootloader mode / can't turn the drone off:**
    - Solution: The battery to the drone has to be taken off and re-inserted again for it to be fixed
- **Crazyflie jumps up and crashes when programmed with multiranger deck attached:**
    - Solution: Drone must also have the flow deck underneath installed for it to be able to detect the ground distance and thus avoiding further crashes
- **Crazyflie acts strange after both multi-ranger & flow decks are installed, still has crashes:**
    - Solution: This may be due to the firmware that needs to be updated (flash) on the cf client. If this does not solve the issue, the next solution will answer this problem..
- **Decks installed, crazyflie's M1 LED blinks red in short quick bursts:**
    - Solution: This is due to an improper installation of the decks or possible issues with the decks unable to be programmed. The usual solution to this is turning off the drone, re-installing the decks, and turning the drone on again. If these short quick bursts stop on M1 LED, then the issue is resolved. If not, there might be an issue with one of the decks which can be further looked into by going to the "Console" tab on cf client and reporting that tab along with the problem on the bitcraze forum.
- **Cold boot loader of the crazyflie is not working, "cf" not recognized issue:**
    - Solution: In this case, the cflib of the firmware needs to be uninstalled and reinstalled to the newest version. In order to do so, the commands are mentioned in bitcraze forum as one of the solved issues.
- **Errors while making the firmware for the crazyflie:**
    - Solution: This could be the case of old firmware on the current VM or console that is used for crazyflie. There are documents on bitcraze forum regarding how to get the new github firmware (update all projects on VM) or terminal commands for linux and windows. Make sure to upgrade all the tools from the terminal on all consoles by referring to google about ubuntu for documented information of all commands.
- **A "cload" was done which stopped the drones from acting normal when turning on/off (i.e. LEDs did not act as usual):**
    - Solution: This is normal for different cases of C codes that are loaded into the drones. Cold-boot recovery from the cfclient is made for such circumstances. It will return the drones to their default state.
- **Crazyflie is unable to connect to the crazyradio PA (undetected):**
    - Solution: This is due to the wrong address given for the scan on crazyflie client. Connect the drone to the computer by USB and then check configuration of

crazyflie 2.X where you will see the assigned address of the drone. Change the address to the current one and it will be detected to the radio if in close proximity. *Notice that the drone should be able to be connected to radio when turned on and not when in bootloader mode.*

- **Does the lighthouse deck need a flow deck as well for the setup?**
    - Solution: No, the lighthouse deck is the only deck that is needed for setup of the drone. Visit this documentation for more information: https://www.bitcraze.io/documentation/tutorials/getting-started-with-lighthouse/
- **How to set-up the P2P mode for crazyflie?**
    - Solution: Following the README file on this github along with the lookover on the default P2P C code can help with the process of running the P2P mode on multiple crazyflies. https://github.com/bitcraze/crazyflie-firmware/tree/master/examples/app_peer_to_peer
- **The crazyflie will not work with the lighthouse deck (not receiving sweeping angles) when the base stations are placed on corners of the room:**
    - Solution: The base stations need to be bent towards the drone and placed high above the ground which is a must for this process. This means that there must be camera stands or wall mounts for the sensors or the automatic configuration will not work. If this is not an issue, then the channels of the sensors (V1/V2) need to be changed according to the following guide: https://www.bitcraze.io/documentation/tutorials/getting-started-with-lighthouse/
- **When on Linux OS, I can't connect to the crazyradio using the cfclient:**
    - Solution: You need to add your linux ID as a bitcraze dev on terminal to be able to access a script where after two/three lines of code are added, radio connection can be found without the need for cfclient authorization. There is a documentation on bitcraze github about this access tutorial.
- **Crazyflies keep refreshing when using the lighthouse base stations with their lighthouse deck:**
    - Solution: Turn on the V1 base stations to appropriate channels "b" and "c". Hide the drone from the sensors when turned on and press "change system type" on the lighthouse deck tab on cfclient. Change the system to V2 and back to V1. This resets the previous geometry calibrations and thus there will be no more refreshing when two sensors are detected! Now, connect to the crazyflies and, if on appropriate BS channels, they will automatically receive and calibrate. All that needs to be done now is setting the geometry to new values and testing the drones! https://forum.bitcraze.io/viewtopic.php?f=20&t=4901