

Transceiver Code Edits

This document contains any edits made to the Transceiver code given in <https://github.com/elcano/Transceiver>. These changes can be seen respectively in <https://github.com/jacrys3/Transceiver>.

BluetoothControlRx.ino - **Compiles**

1. All uses of "SerialUSB" have been changed to "Serial3"
2. Fixed an issue where some semi-colons were missing when pre-declaring functions "sendToCanBus" and "receiveFromCanBus"
3. Creation of CAN object needs to be of type "mcp2515_can", not "MCP_CAN"
4. In sendToCanBus() method, need to reference MCP_CAN when using sendMsgBuff
5. Need to include "mcp2515_can.h" and "mcp2515_can_dfs.h"

BluetoothControlTx.ino - **Compiles**

1. All uses of "SerialUSB" have been changed to "Serial3"

Lidar.ino - **Compiles**

1. All uses of "lidarMSGBuffer" have been changed to "lidarStruct"
2. Creation of CAN object needs to be of type "mcp2515_can", not "MCP_CAN"
3. In sendToCanBus() method, need to reference MCP_CAN when using sendMsgBuff
4. Need to include "mcp2515_can.h" and "mcp2515_can_dfs.h"

RadioControl_rf69.ino - **Compiles**

1. All uses of "SerialUSB" have been changed to "Serial3"
2. All uses of "analogReadResolution" have been changed to "analogRead"
3. RH_RF69 has been changed to RC_RF69_H
4. Creation of CAN object needs to be of type "mcp2515_can", not "MCP_CAN"
5. Need to include "mcp2515_can.h" and "mcp2515_can_dfs.h"

RCControlRx.ino - **Compiles**

1. All uses of "SerialUSB" have been changed to "Serial3"
2. Creation of CAN object needs to be of type "mcp2515_can", not "MCP_CAN"
3. In sendToCanBus() method, need to reference MCP_CAN when using sendMsgBuff
4. Need to include "mcp2515_can.h" and "mcp2515_can_dfs.h"