```
//Face conexiunea intre SkySafari si ESP32
//ESP32 trimite/primeste pe hardwareseria1 date la un adaptor
//rs232 unde este legata montura (CGEM pt mine)

#include <HardwareSerial.h>
#include "BluetoothSerial.h"
#if !defined(CONFIG_BT_ENABLED) || !defined(CONFIG_BLUEDROID_ENABLED)
#error Bluetooth is not enabled! Please run `make menuconfig` to and enable it
#endif

BluetoothSerial SerialBT;
HardwareSerial serialMount(2);//la placa esp32 huzzah pinii Rx/Tx sunt conectati de
fapt la Serial 2 si nu Serial 1
byte BTdata[100];
byte counterBT=0;
byte Mountdata[100];
byte counterMount=0;


void setup() {
Serial.begin(115200);
serialMount.begin(9600); //de obicei monturile comunica cu 9600b/sec
SerialBT.begin("");
while(!SerialBT.available());
while(SerialBT.available())
{
  SerialBT.read();
}

}



void loop() {

int ix=0;

//daca sunt date Bluetooth
byte inB;
while(SerialBT.available())
{
inB=SerialBT.read();

     if(SerialBT.available())
     {
       BTdata[counterBT]=inB;
       counterBT++;
     }
     else
     {
        String tempSir1="";
        BTdata[counterBT]=inB;
        for(ix=0;ix<=counterBT;ix++)
        {
          serialMount.write(BTdata[ix]);  //trimitem in format byte toti octetii
primiti de la bluetooth catre adaptorul rs232/montura
        }
        /*Serial.print("SKY: ");
        for(ix=0;ix<=counterBT;ix++)
        {
           Serial.print((char)BTdata[ix]);
        }
        Serial.println(" ");   */

        memset(BTdata, 0, sizeof(BTdata)); //golim array-ul de date al BT -
reinitializare pt o noua comanda
        counterBT=0;
     }

}


//daca sunt date de la montura
byte inM;
while(serialMount.available())
{
inM=serialMount.read();
     if(serialMount.available())
     {
       Mountdata[counterMount]=inM;
       counterMount++;
     }
     else
     {
        Mountdata[counterMount]=inM;
        String tempSir="";
        for(ix=0;ix<=counterMount;ix++)
        {
           tempSir=tempSir+(char)Mountdata[ix];
        }
        SerialBT.print(tempSir);
        /*Serial.print("CGEM: ");
        for(ix=0;ix<=counterMount;ix++)
        {
          Serial.print(Mountdata[ix]);
        }
        Serial.print(" = ");
       Serial.println(tempSir);
       Serial.println(" ");*/
        memset(Mountdata, 0, sizeof(Mountdata)); //golim array-ul de date al portului serial - reinitializare pt o noua comanda
        counterMount=0;
     }

}



}
```