Action Items for next week:

use the TxD pin to figure out the baudrate.

sniff the bus to see what it looks like, see if my baudrate is correct.

If not, try to figure out if it’s possible to dynamically set the baudrate to the correct one.

Use a program on the raspberry pi to do it.

Look into UART RS-232 protocol. Let’s write a report...

MODBUS protocol

Learn how to control the RS-232 bus. Why? The original team said that they were able to

RS-232/UART uses several control signals: RTS, CTS, etc.

Take your knowledge of RS-232 and figure out the baudrate.

Interrupt service routine

Talk to it now with a PC.

We want to talk to it with a microcontroller.