Meeting Notes 9/22/17

All members present, Adrian via Zoom, meeting started at 3:32

We only need to deal with .tan file -> hardware, there’s another group redesigning the .tan file creator. They’re finishing up in December. Also may be redesigning the interface for the player?

Current implementation uses xbee to transmit to receiver, then transmits to the light controller serially.

Can probably use old CSAC space to store hardware, work. This has a soldering station too, along with some goofy glasses and the old tower hardware being stored.

328p chips are super cheap, could definitely use those for each light bar.

Arduino IDE supports turning off bootloader now, etc.

Current player is Linux specific, supposedly has Mac and Windows equivalent libraries though. Pulseaudio and FTDI.

Main thread of player sends wav bytes to the audio thread, updates lights once reaches the proper time.

Parts needed: transmitter, shield, USB to serial, receiver chips, light bars themselves, batteries.

Meeting adjourned at 4:33