Puzzle 3 Details and BOM

Purche Start

- · When/how is vadio turned on? Is interface 21
- · turn on via other group's puzzle
 - 5 power on
 - amplify wammission power
 - 5 turn on yourself
- · emergency broadcast is running or information nussage from NASA etc. to the people
 - last employee of the power supplied working in the control room was dismissed a few years ago due to digitalization & automornization of the control room
 - -> he Ferdinaud was a hobby funk operator
 - -> hints that he exists somewhere in the room 22

Radio Features

- · turn on outonomously if desired is structured switch to turn on, etc.
- · no matter how encodes are positioned, plays one same emergency broadcast brinformation to people of the city (from NASA etc.)
- only at one specific position of the 3 encoders, the radio station changes

 > playing hobby further Ferdinand's broadcast
- · display (3-7 20ll) must be touch (resistive), windows Logo on it
- · sound must be reasonable

First Puzzle

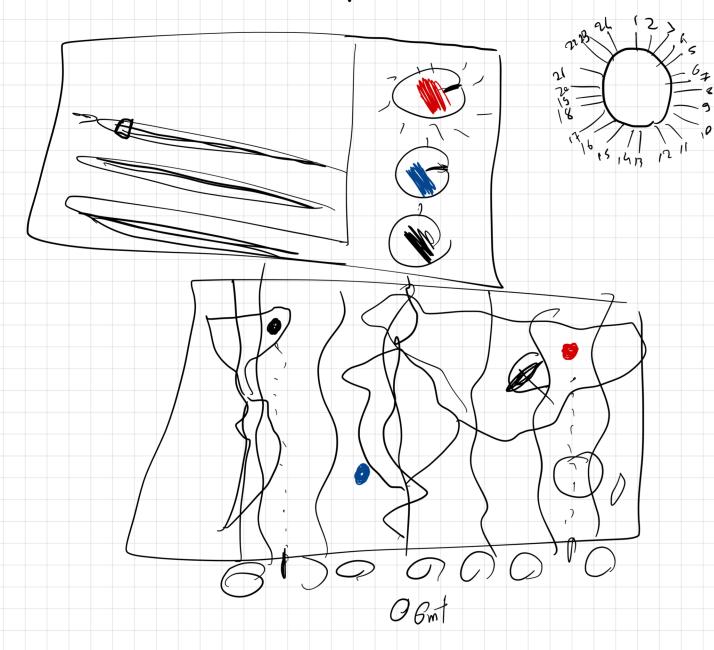
- world map hanging on a wall, with 3 Pins somewhere on it time difference to GMT of the positions of the Mree Pins corresponds to the desired positions of the three radio encoders

is to reads holdby funker radio station

15 all other encoder positions don't change the radio station.
15 same emergency broadcast everywhere else

hobby higher operator, this is how he remembered his station to how is this clear??

5 absolute time difference 2



o solving this puzzle airternation changes radio station

to we can now hear the voice of hobby frinked Ferdinand

Second, sussequent puzzle

- · hobby funker Ferdinand is talking randomly
 - 15 he's a bit crazy
 - 5 ne's swearing and bitaing around
 - -> does not like the today's modern systems and the fact that he had been fired
 - thinks and sonys that he is the only one being able to deal with the control system and that notsody else is actually able to reboot the system in a situation like this because notsody knows the correct softman name / key to something 22
- in his talking, he rather randomly includes color names

 blue-green-red-green or so
- · these colors correspond to the sequence of tonering the parts of the windows Logo on the display
 - to it being resistive
- · once the correct sequence has been entered, the display suddenly changes -> it now shows a · software name, or
 - · validation key for software, or
 - · code to open door / safe
- -> our puzzles have been solved!

- resistive tondiscreen -> for little VGL & ESP32 / Arduino -> 3,5-7 inch
- · incremental encoders 4x -> 3x for 1st Phate
 1x for volume
 - -> 12 or 24 steps
 - -> construct and 3D print the case ourselves
- · spealver, e.g. 402 3W
- · amplifier
- · on / off switch

 -> or whatever we decide on how radi
 - -> or whatever we decide on how radio is hurned
 - · MicroSD card holder
 - · MicroSD card
 - · case: to be constructed by ourselves

 -> 3D printed
 - → 3D printed → use wood too

Non-technical:

- · world map
- · pins

Questions to be answered:

· poner electronics / poner supply ?!

1> recharchable battery?