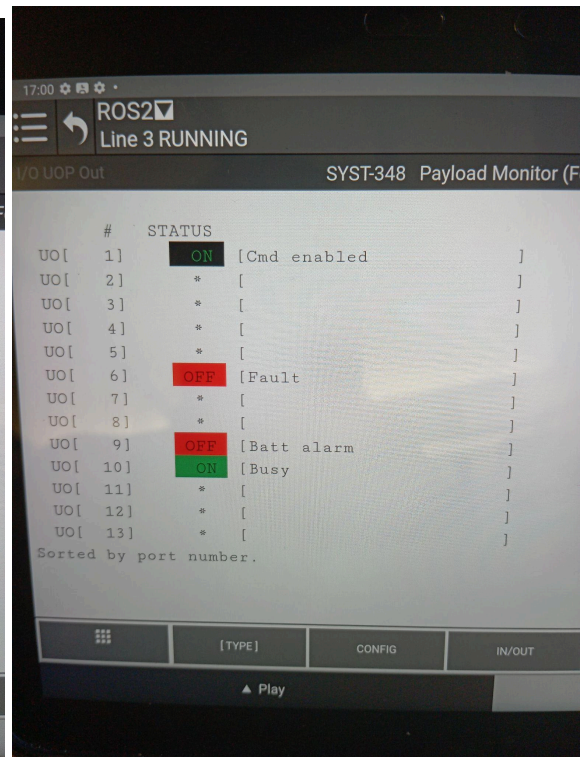
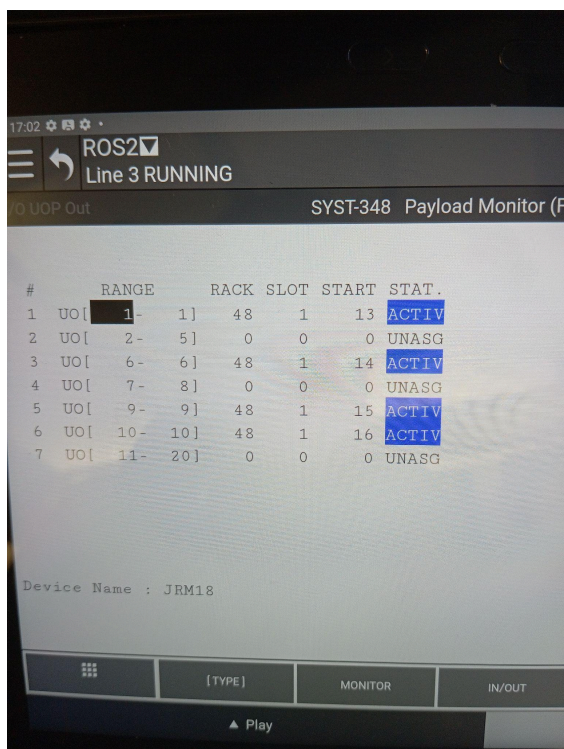


Secret Hacking Setup for Fanuc Auto Start and Recovery Program

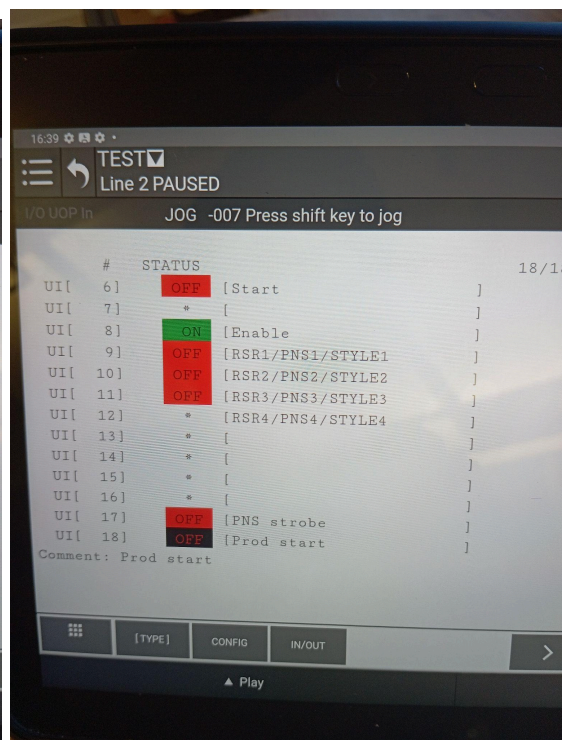
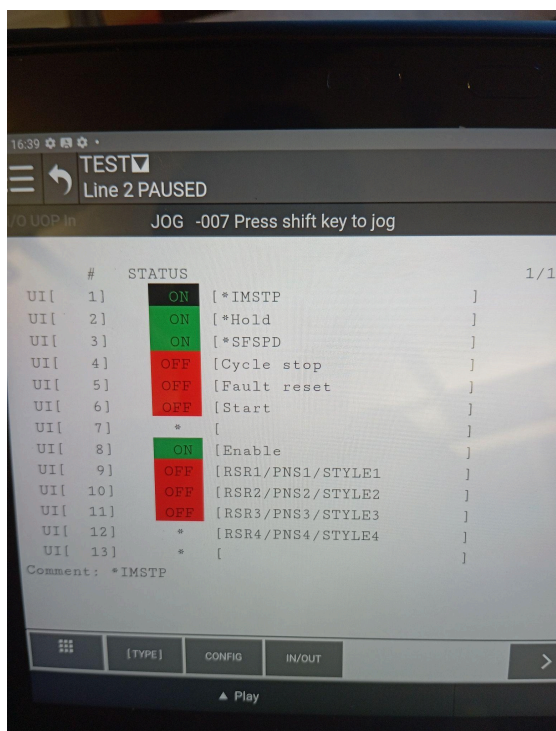
Warning: Working with our inhouse robot but not so sure the Sonepar robot maybe hardware wiring is different.

- For Hardware pls following Giang hacking
- For software pls following these steps, we using the PNS mode because we can not set the RSR Mode.

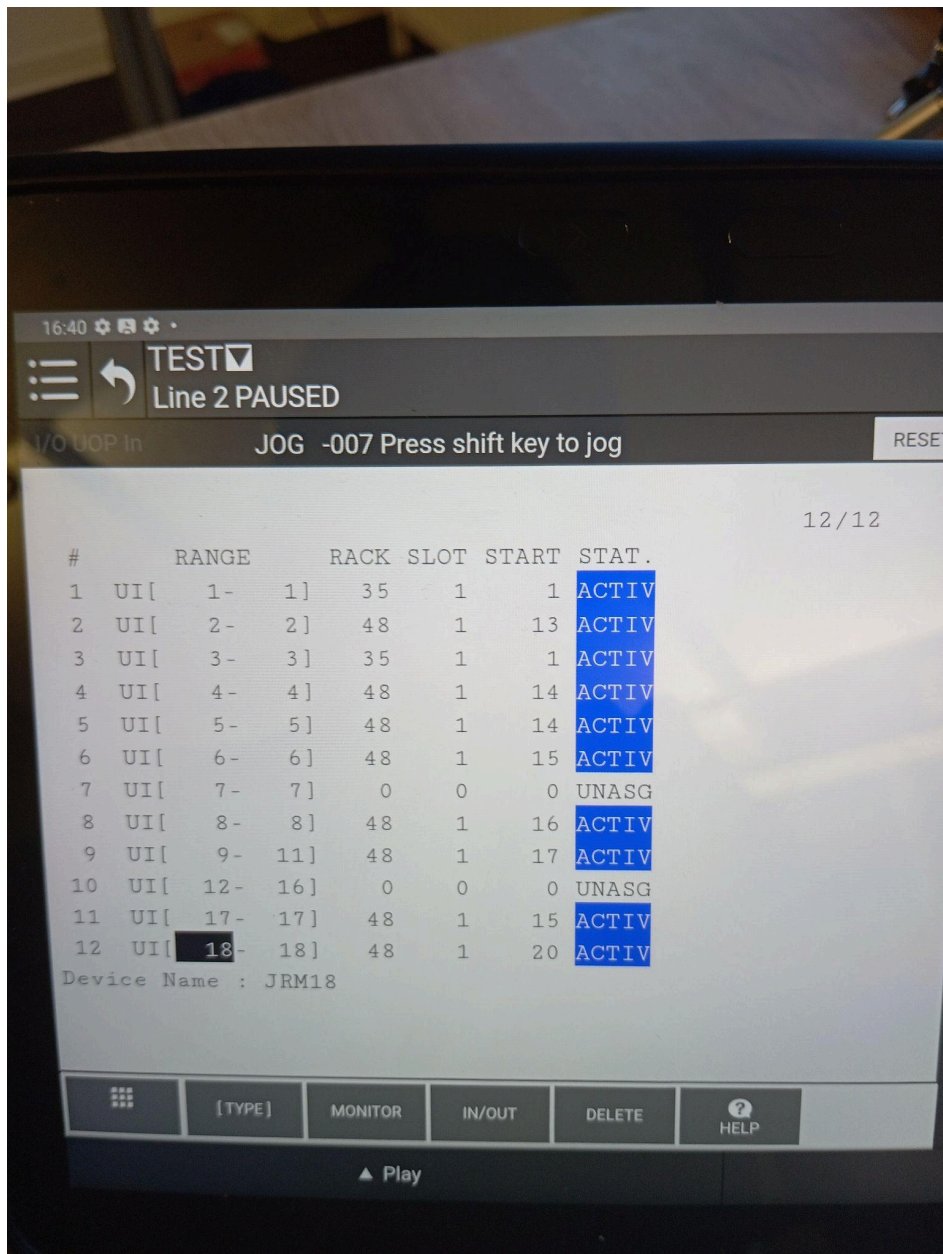
1. FOR UOP SETUP:
OUTPUT:



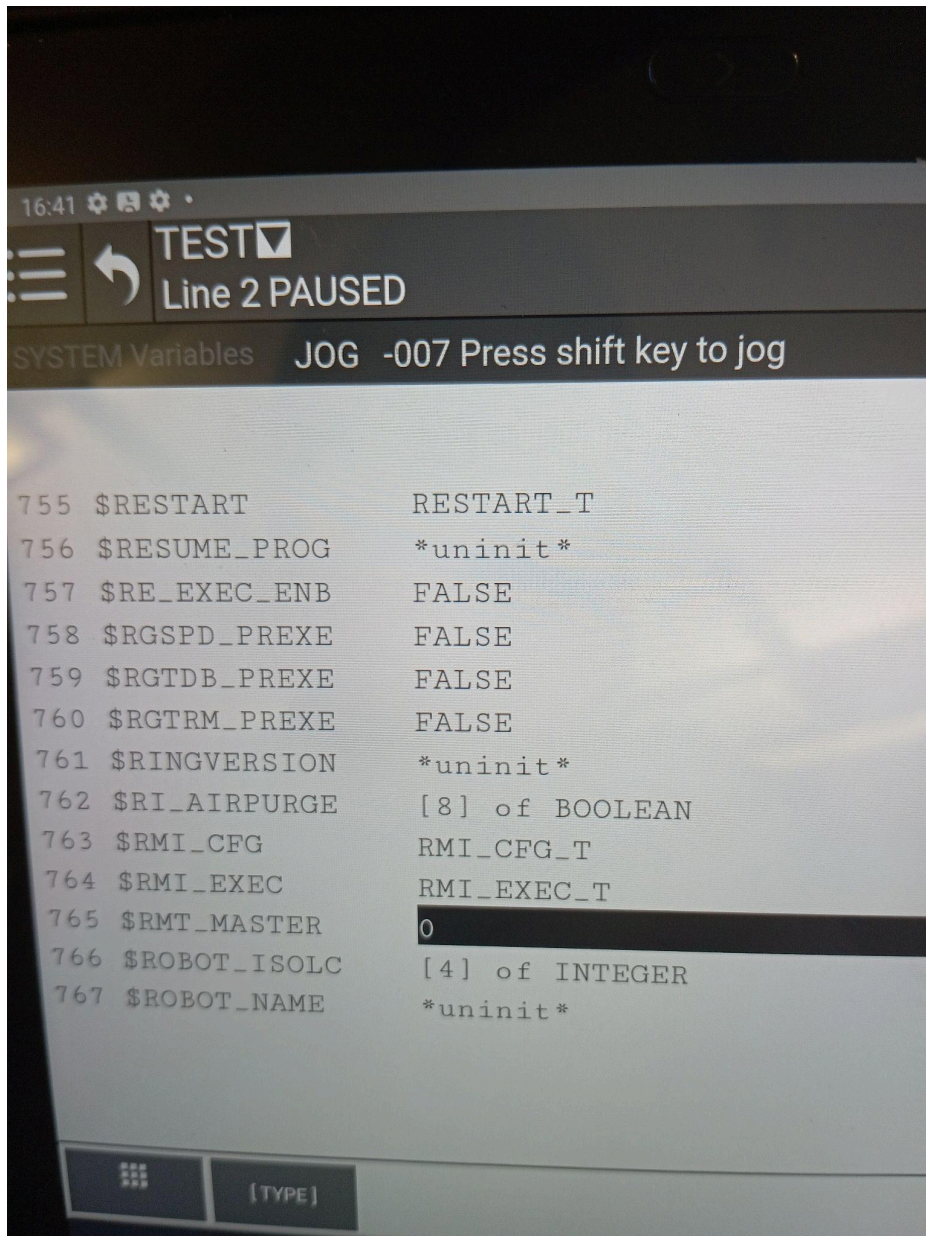
INPUT:



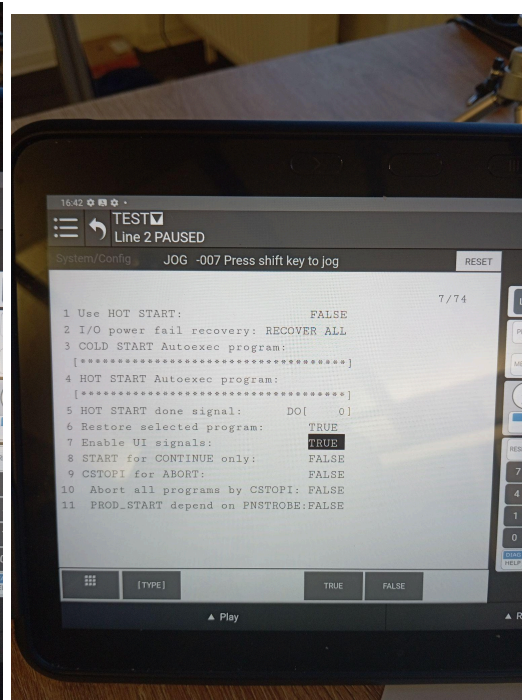
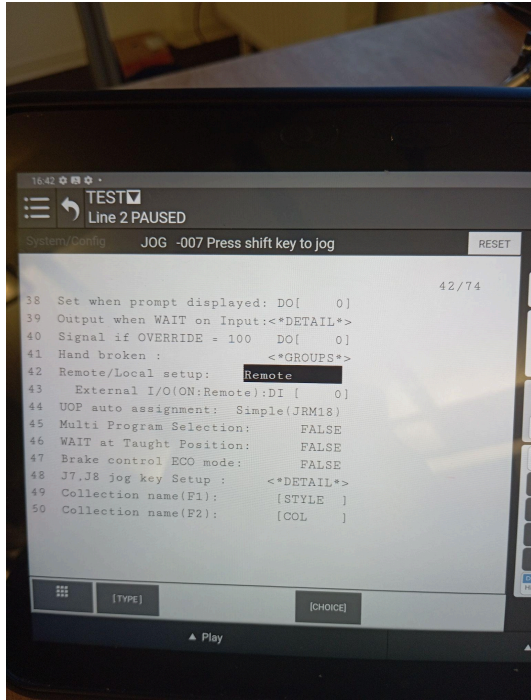
CONFIG:



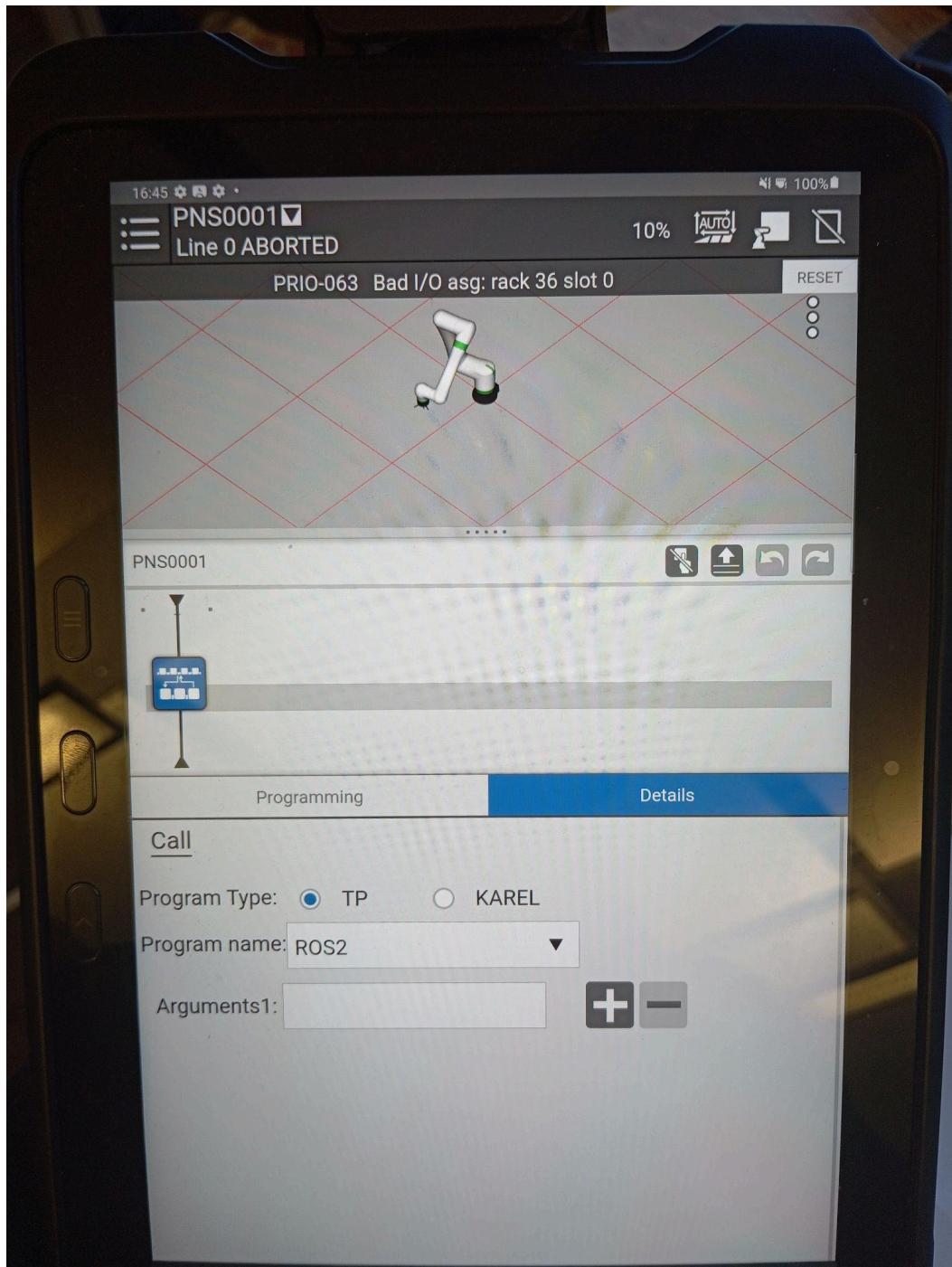
2. SYSTEM VARIABLES, Set **\$RMT_MASTER=0** and remember set the **base number is 0** in **\$Shell_Cfg.\$PNS_Base**



3. SYSTEM CONFIG



4. Create PROGRAM Name: **PNS0001** add CALL function to call the TP



5. TO RUN THIS SYSTEM

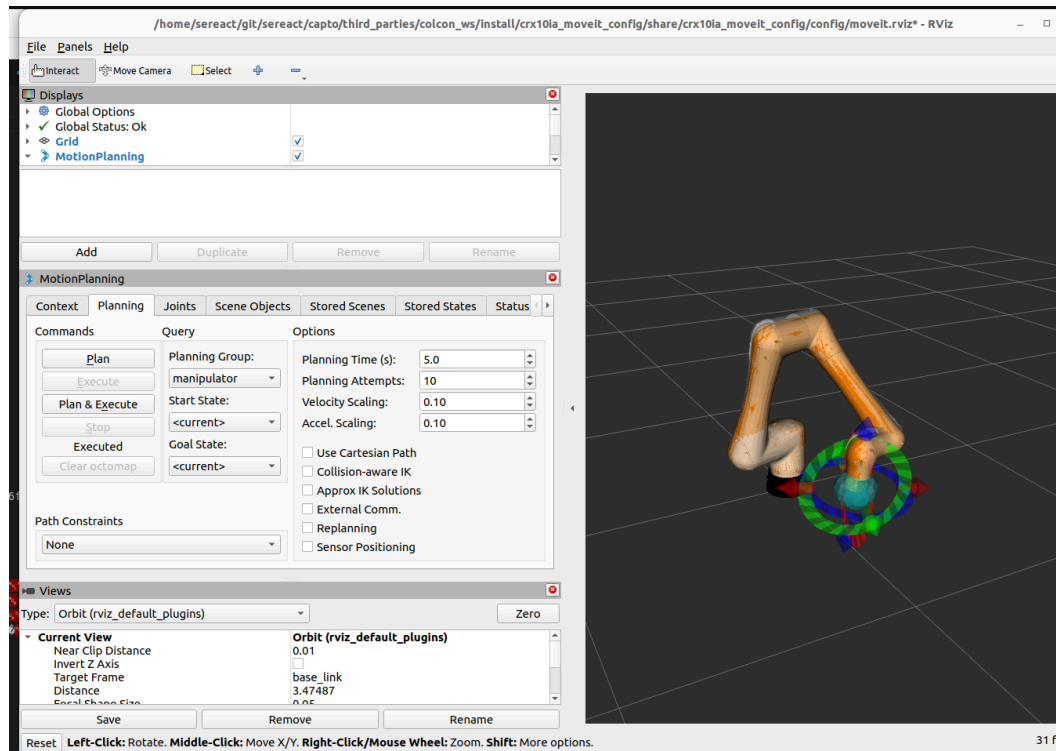
- UI[1] IMSTP, UI[2] Hold, UI[3] SFSPD = ON
- UI[8] Enable = ON
- UI[9] RSR1/PNS1 = ON -> Choose **PNS0001**
- SET UI[18] Prod Start -> ON -> Call **PNS0001**
- then SET UI[17] PNS strobe -> ON then OFF -> Play Program **PNS0001**

We can pause system by UI[2] Hold = OFF then want to run the robot again:

UI[2] Hold = ON and SET UI[18] Prod Start -> ON

6. RUN ROS

```
ros2 launch fanuc_control robot_bringup.launch.py robot_ip:=192.168.1.100  
robot_type:=crx10ia
```



DONE