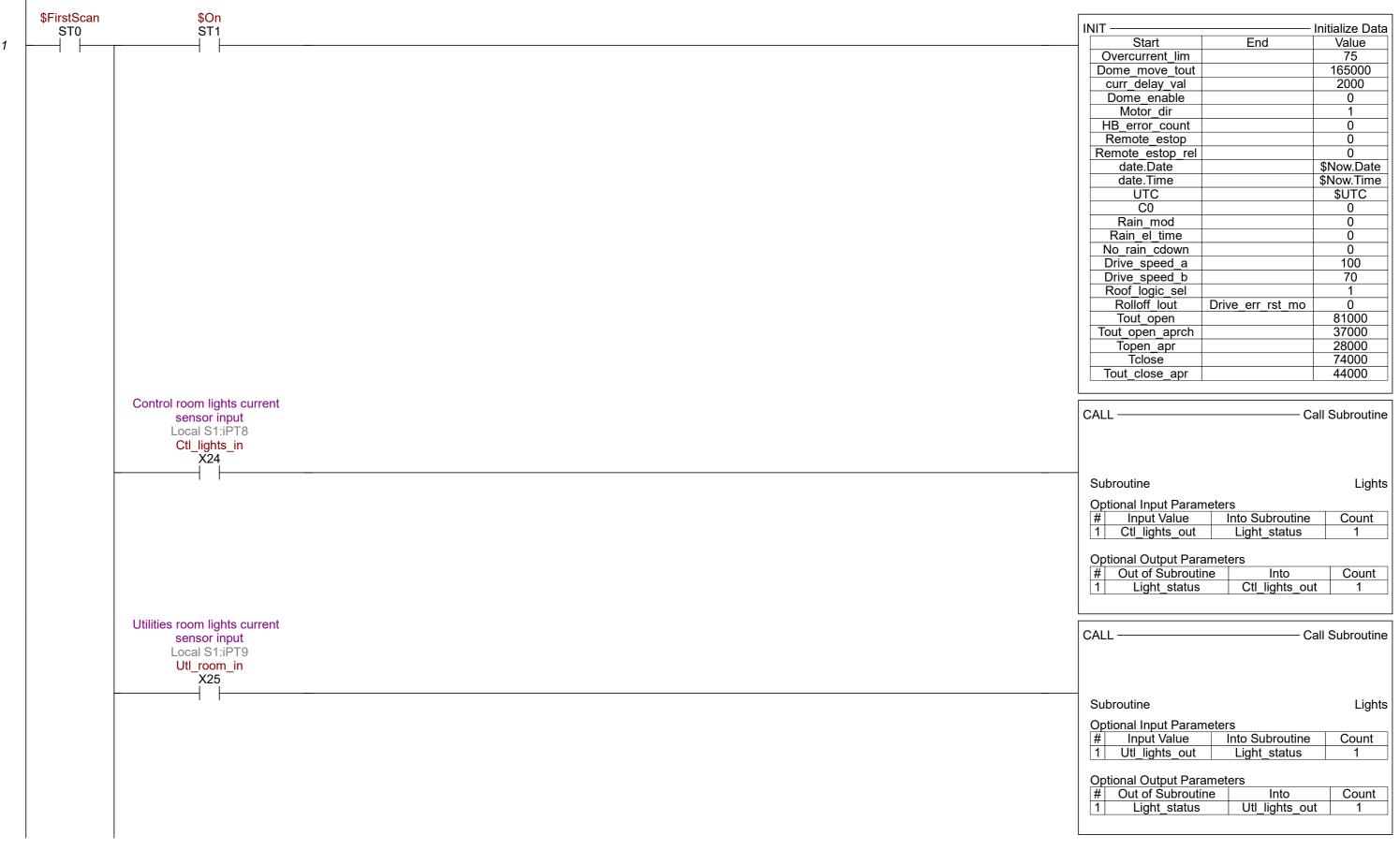
2/13/2025 2025 02 13 LVM PLC code

Light status subprogram variable Light status subrogram variable Light status SC2000 COUT

2

RET — Return Back to CALL

NOP)



Read GS3 drive Elements using the cpu rs-232 port

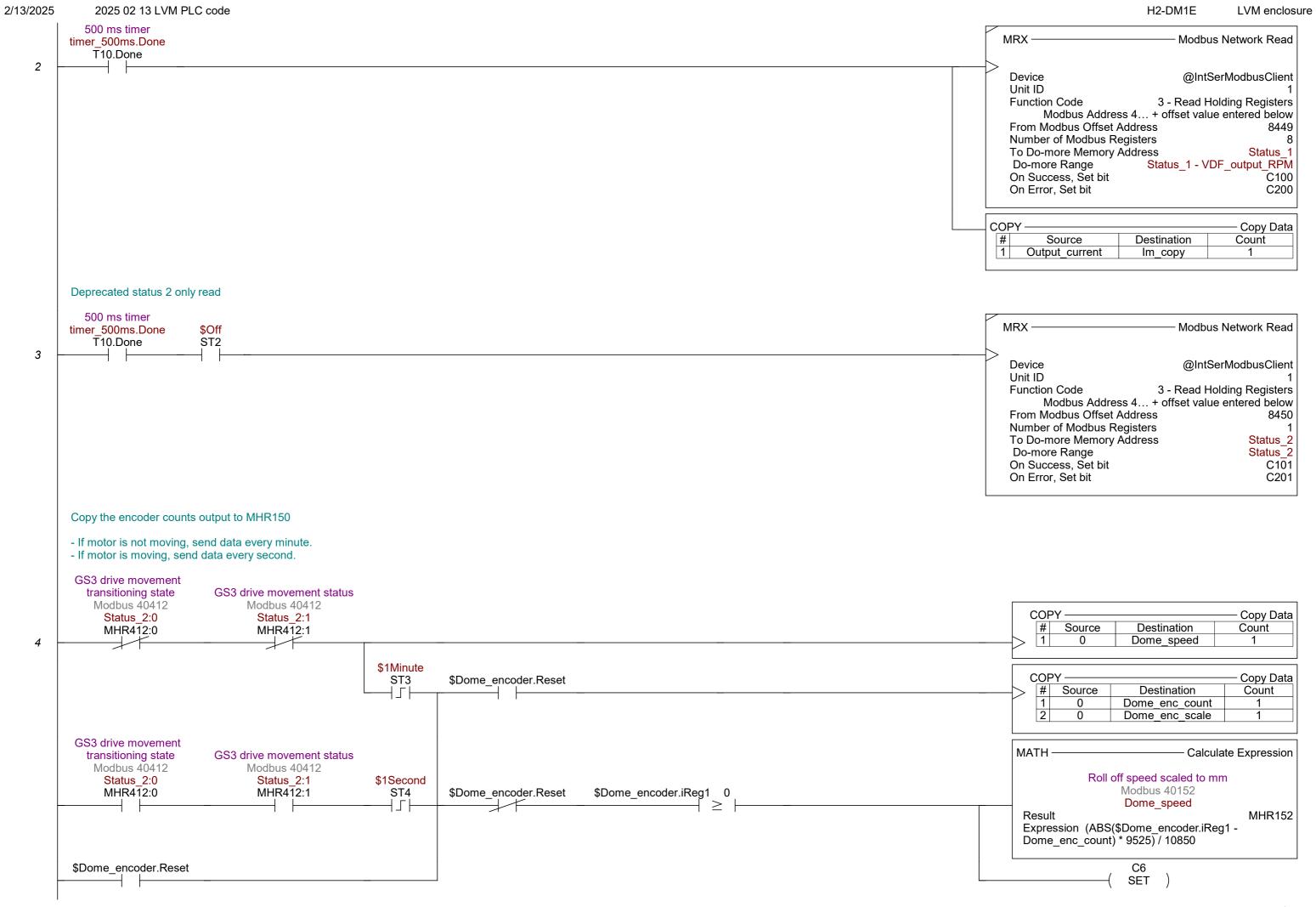
2/13/2025

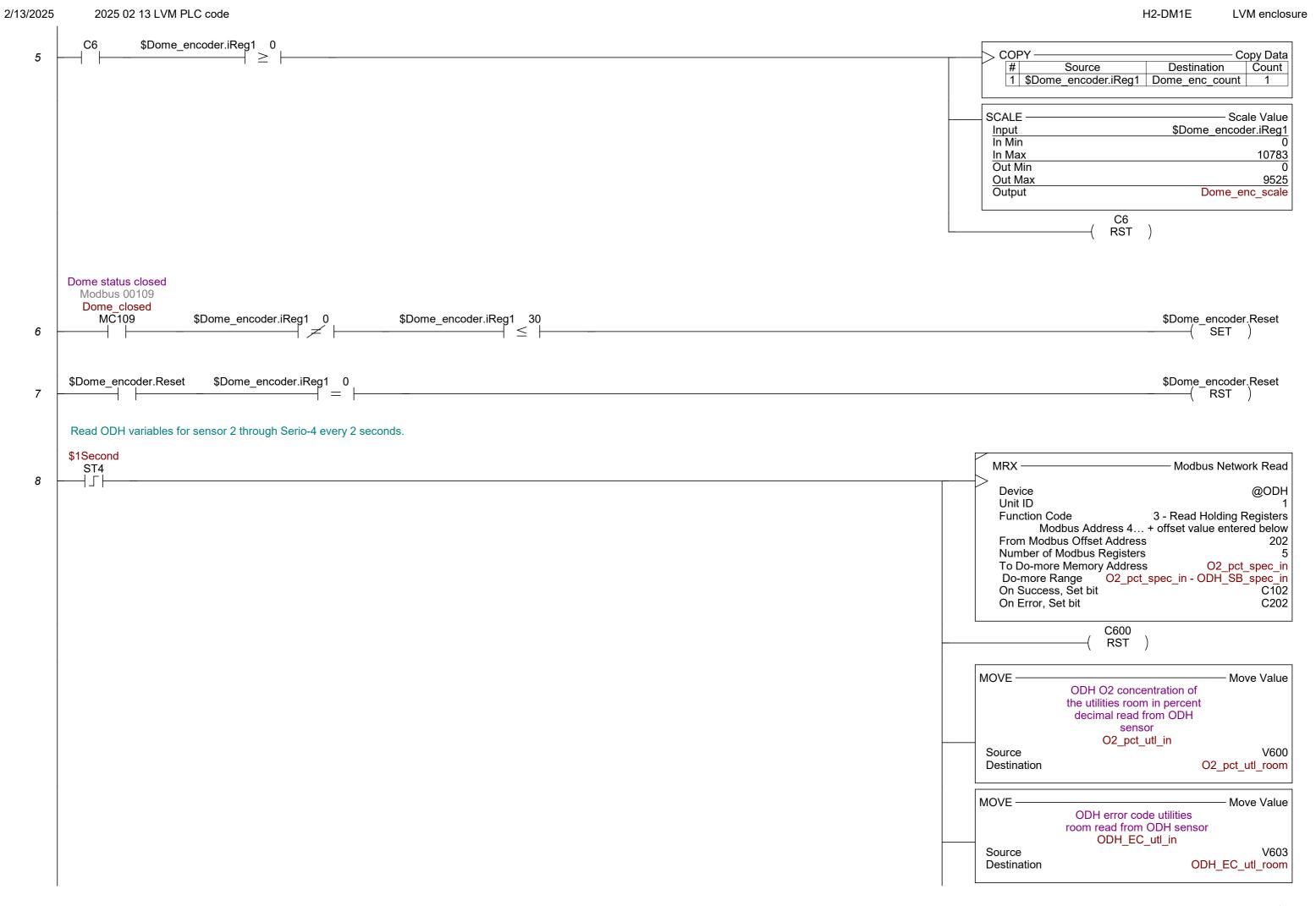
Count

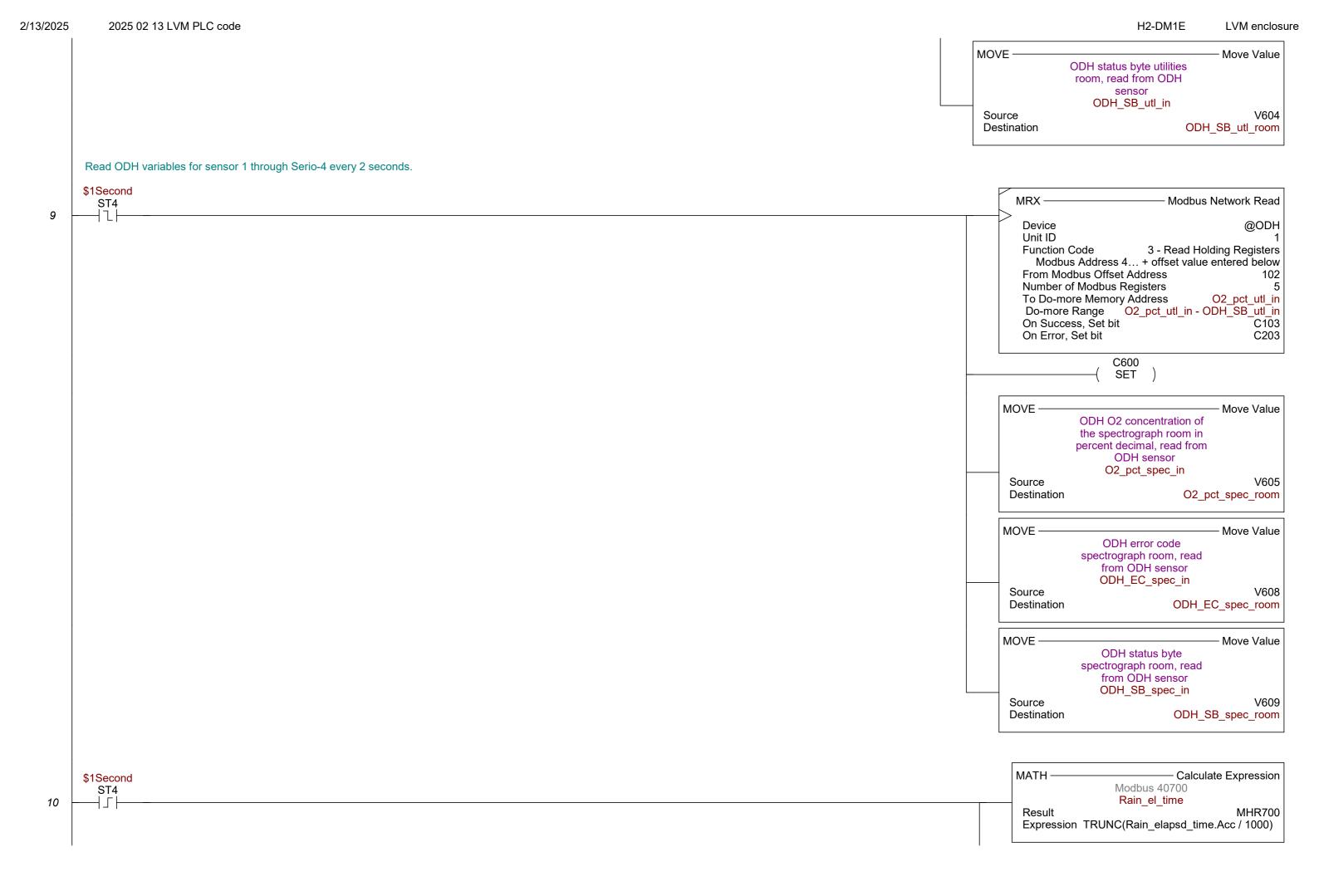
1

Plat_Rlight_out

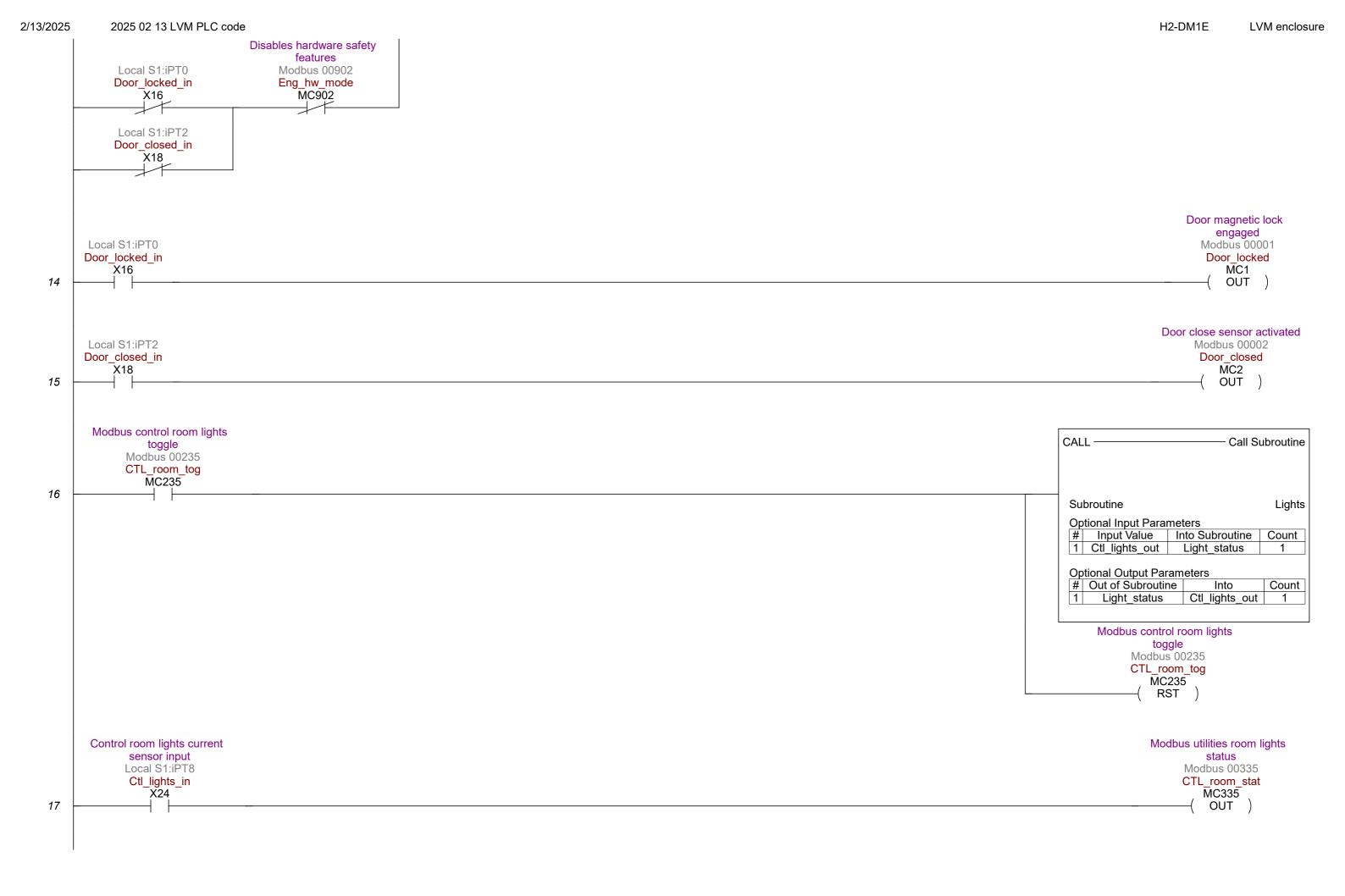
1 Light_status

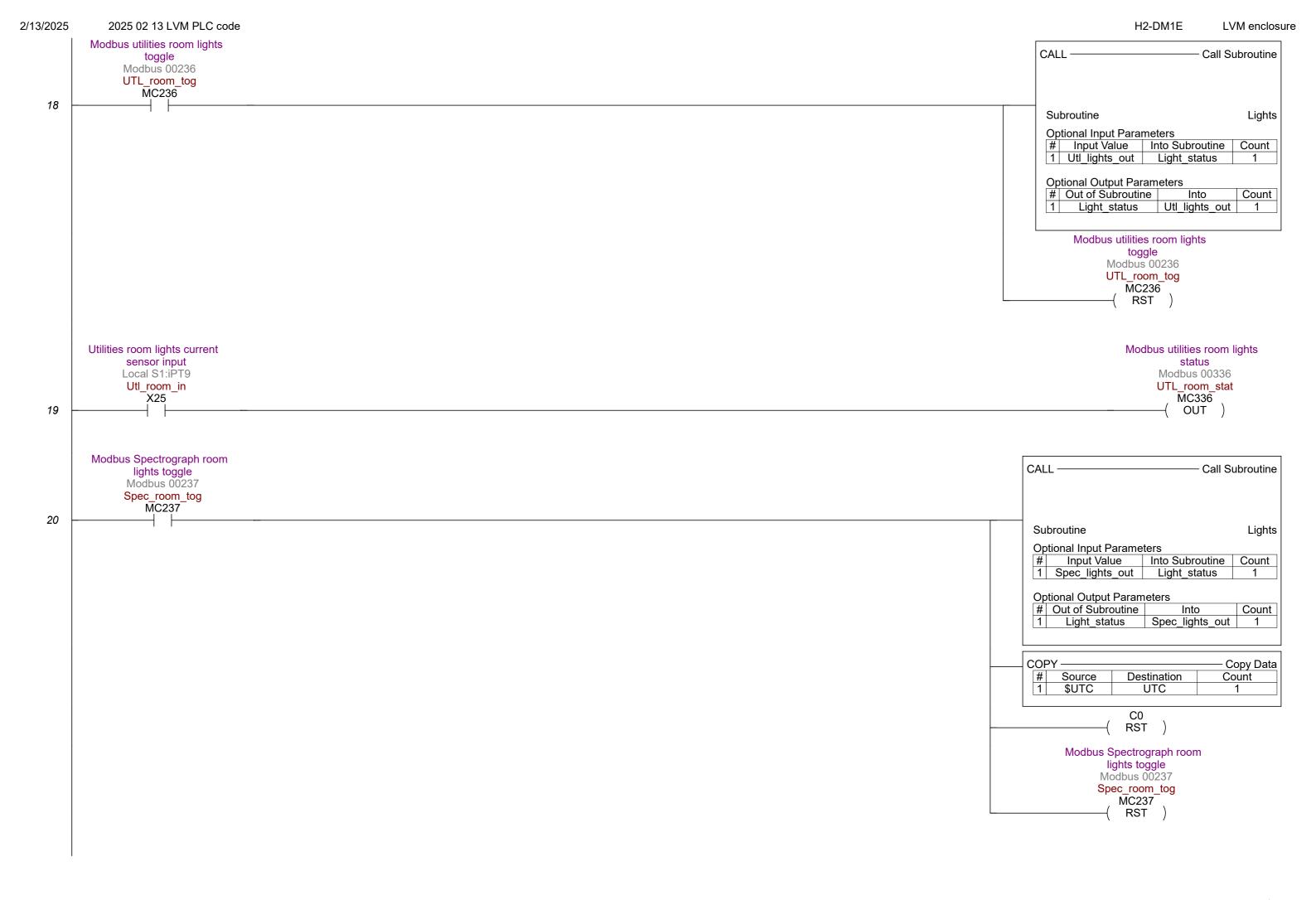


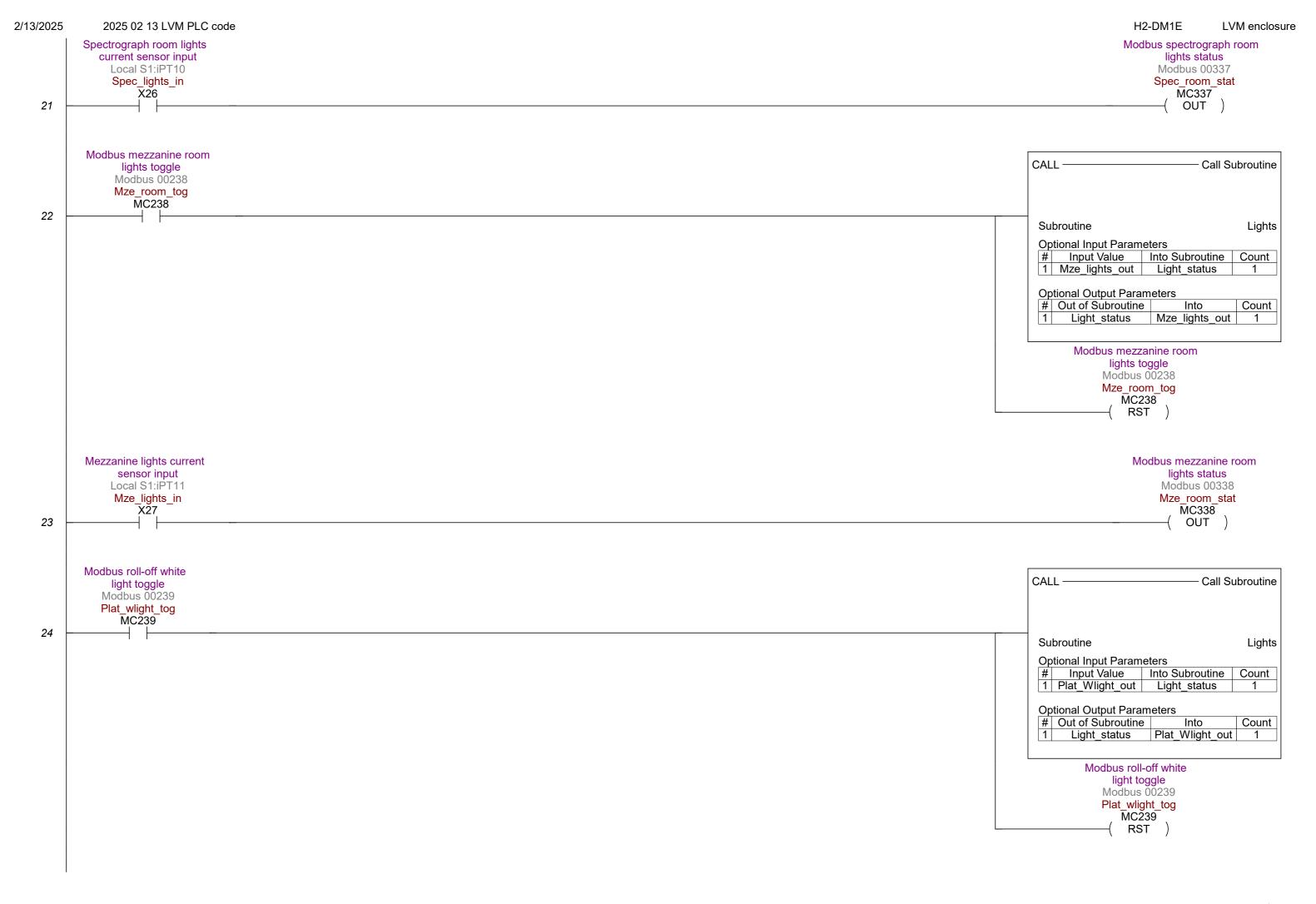


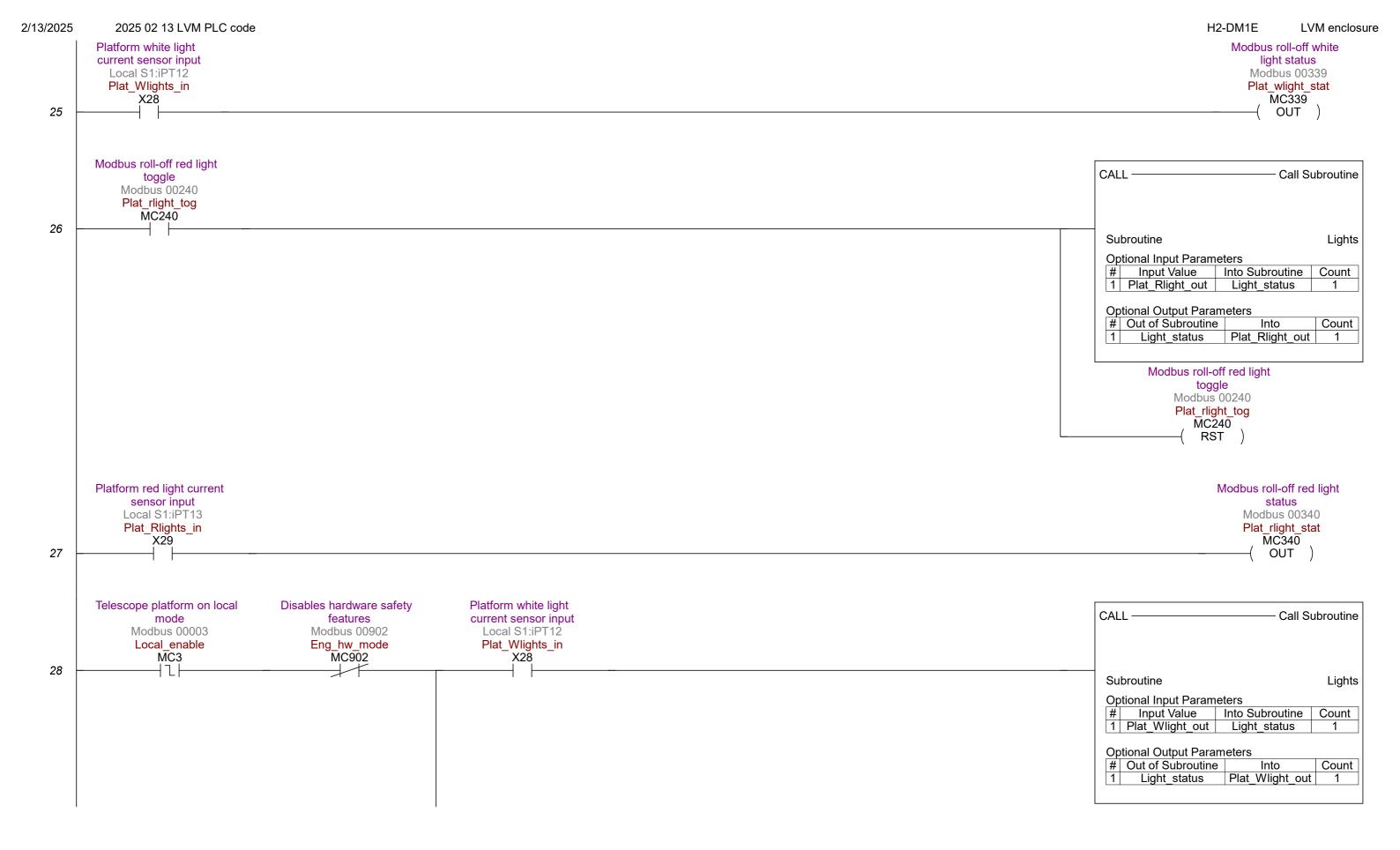


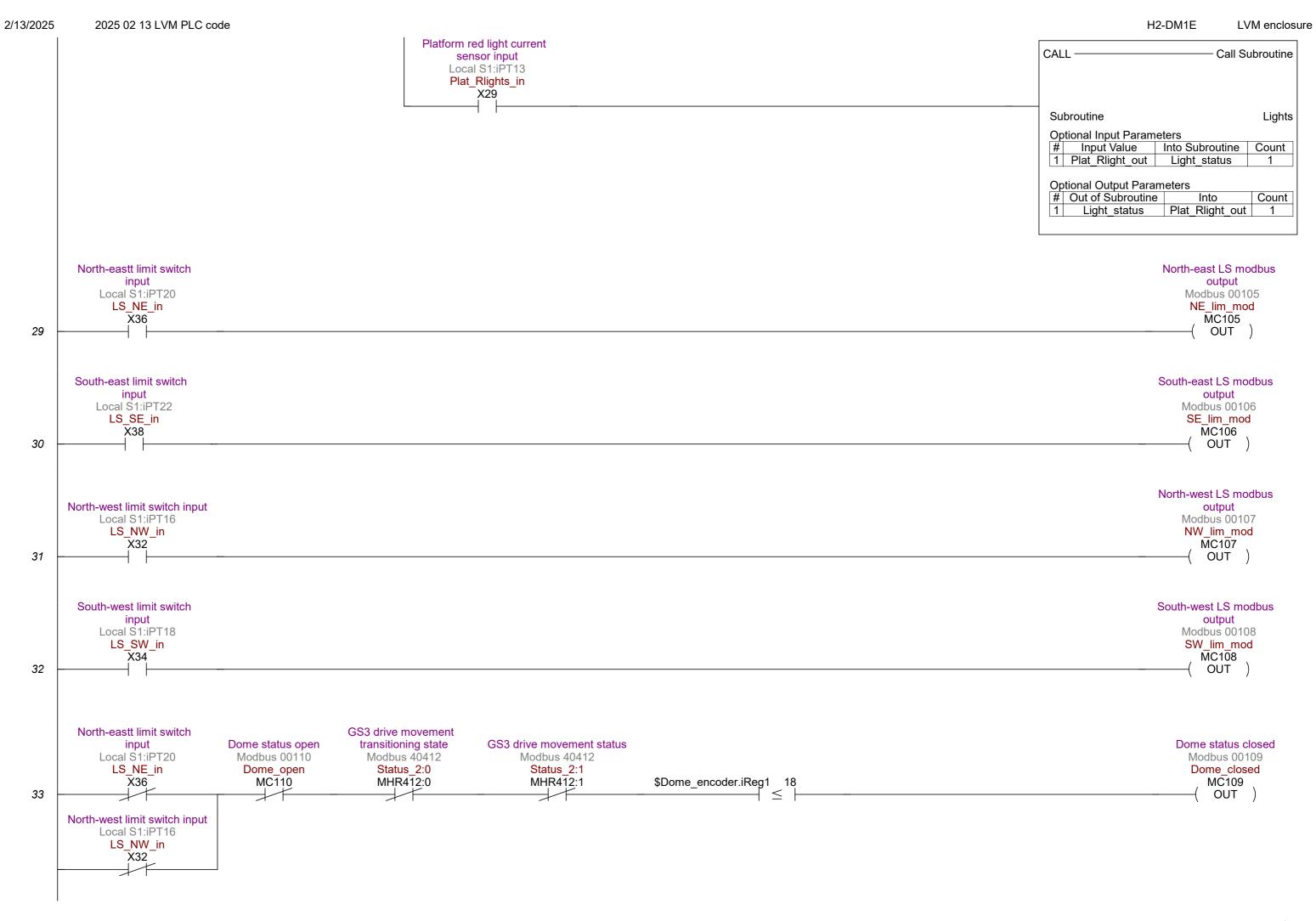












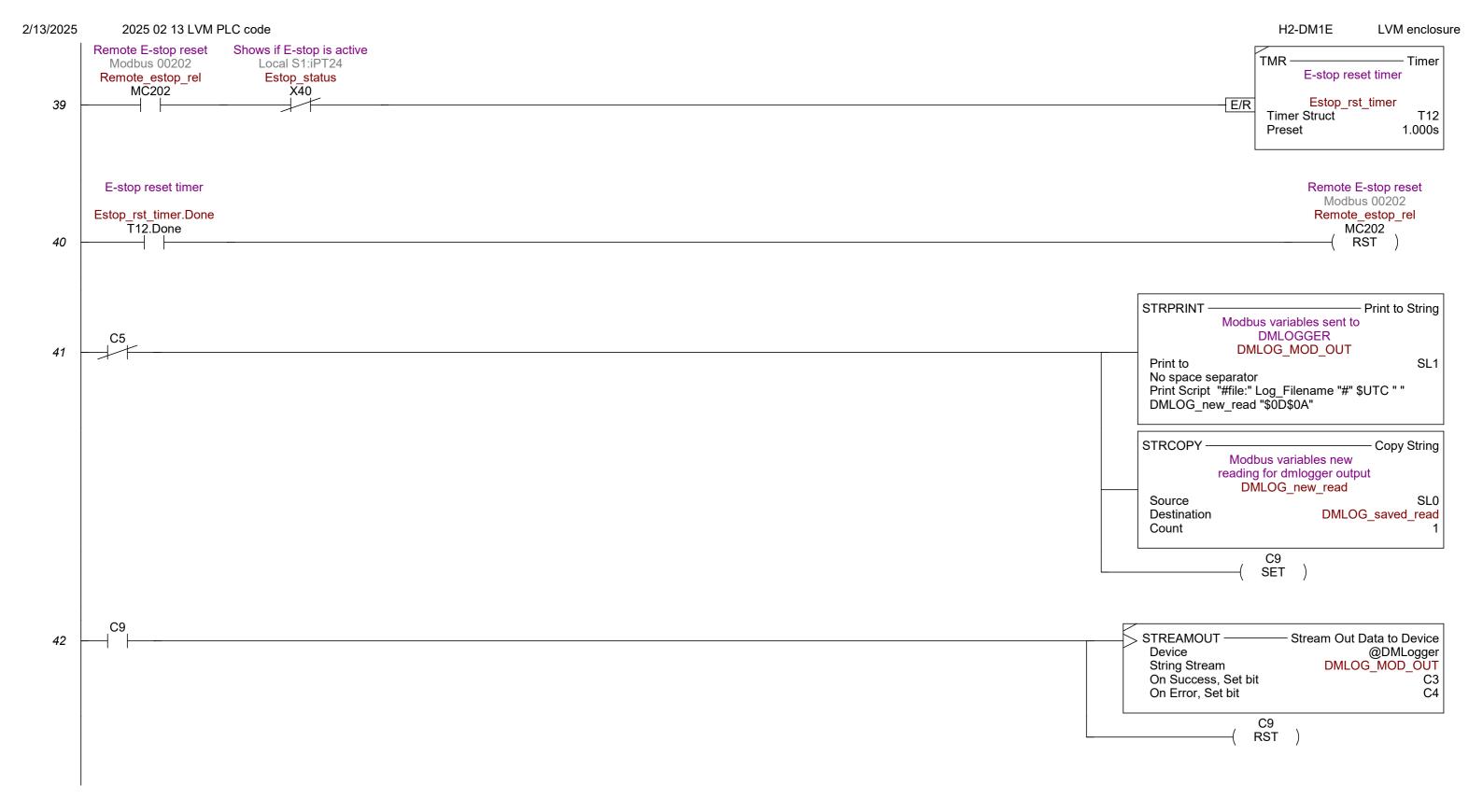
South-east limit switch GS3 drive movement Dome status closed transitioning state GS3 drive movement status Dome status open Local S1:iPT22 Modbus 40412 Modbus 00109 Modbus 40412 Modbus 00110 LS SE in Dome closed Status 2:0 Status 2:1 Dome_open X38 MC109 MHR412:0 MHR412:1 MC110 \$Dome encoder.iReg1 10750 34 \geq OUT South-west limit switch input Local S1:iPT18 LS_SW_in X34 HVAC Flag to activate telescope platforms inyectors. Fans will be turned on, if signal is off. Fans should be turned off, if dome is open (not closed) or local enebeled. Flag to stop telescope Dome status closed platform fans Modbus 00109 Local S0:oPT8 Dome closed HVAC_flag MC109 Y8 35 OUT Telescope platform on local mode Modbus 00003 Local enable MC3 E-stop status, read on the Shows if E-stop is active secondary electrical panel Local S1:iPT24 Modbus 00200 Estop_status Estop_stat_mbus X40 MC200 36 OUT Remote E-stop Modbus 00201 Remote estop MC201 RST Remote E-stop PLC e-stop output Local S0:oPT14 Modbus 00201 PLC_Estop Remote_estop MC201 Y14 37 OUT Remote E-stop reset PLC reset e-stop output Modbus 00202 Local S0:oPT13 Remote_estop_rel PLC_Estop_releas MC202 Y13 OUT 38

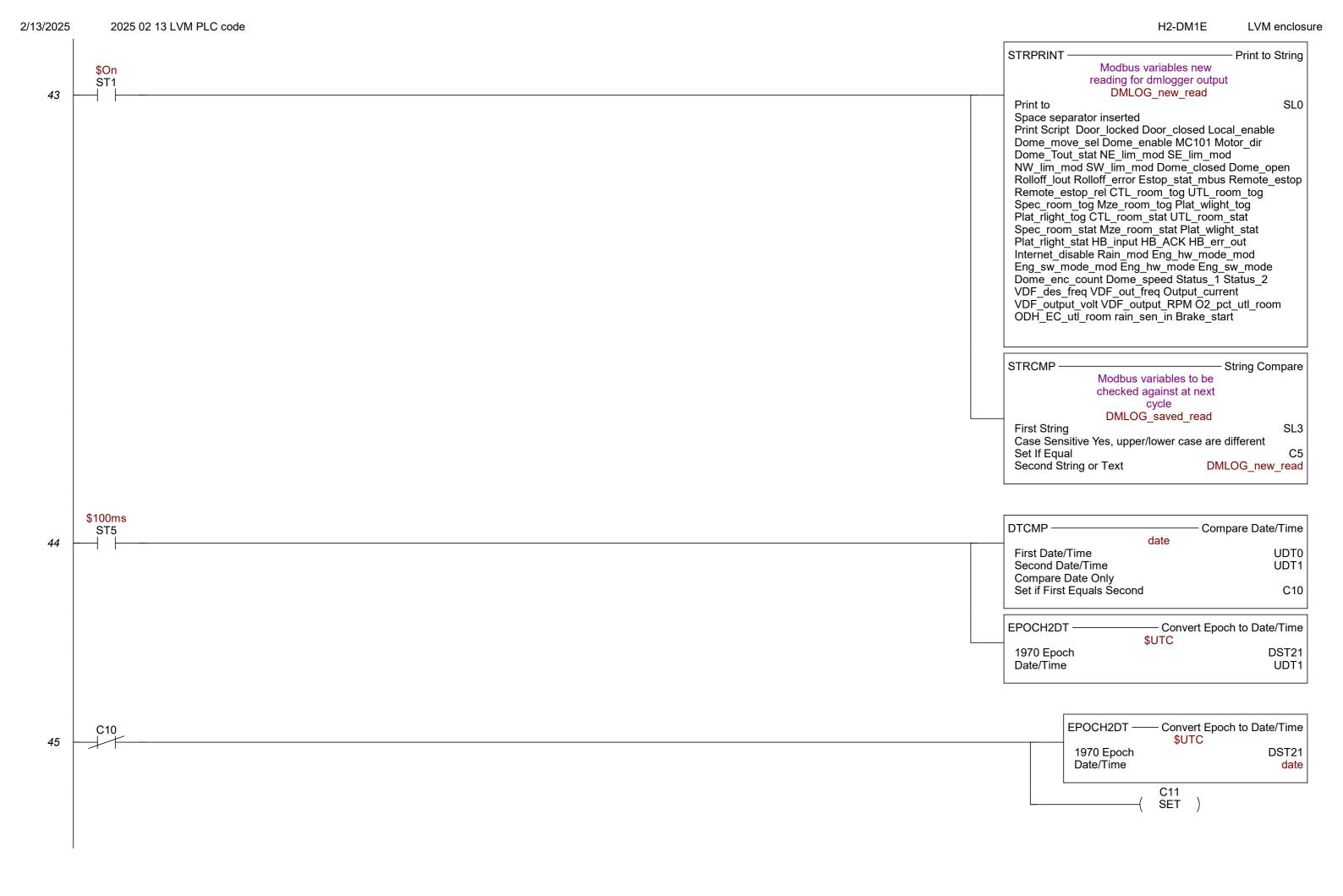
2/13/2025

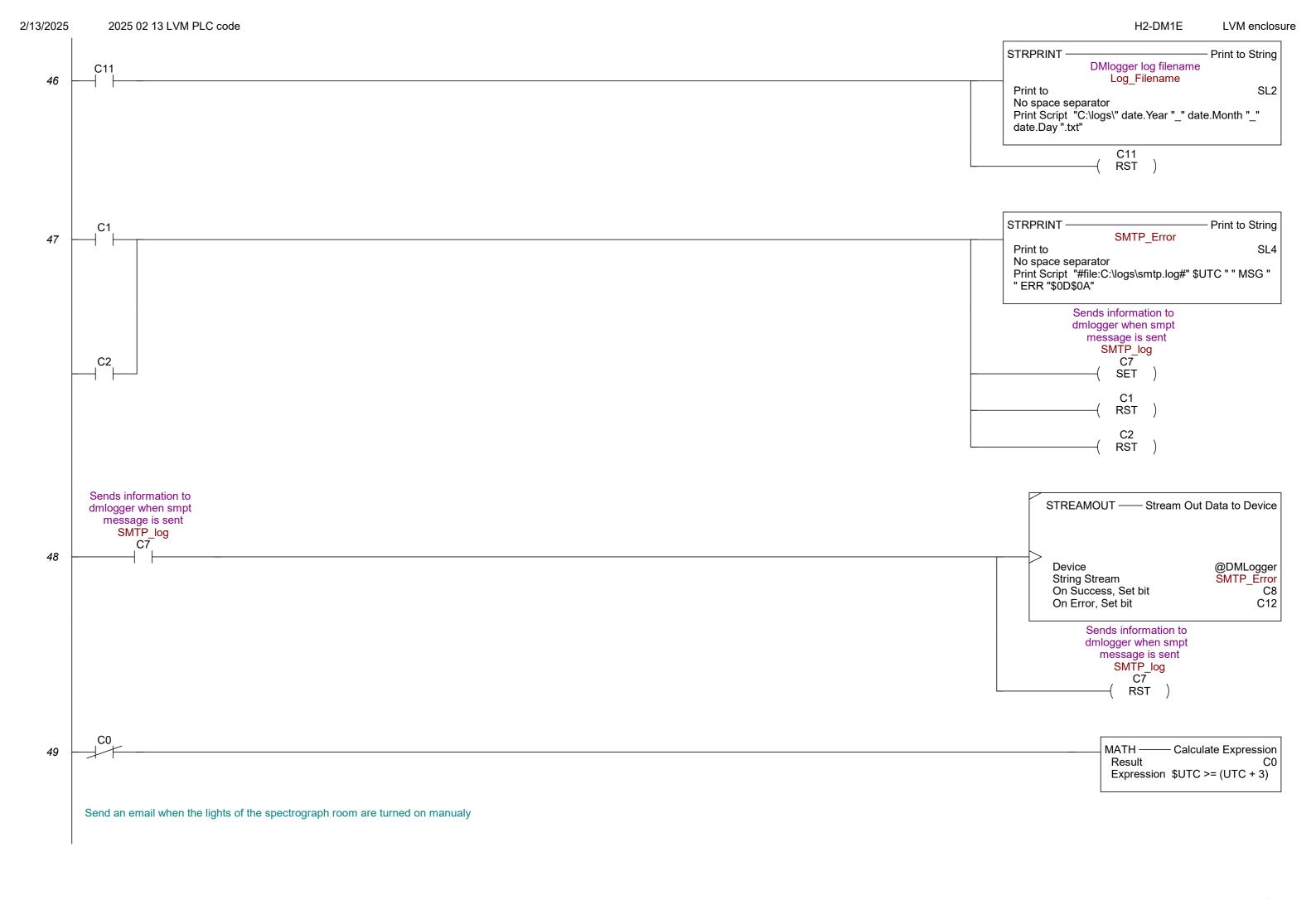
2025 02 13 LVM PLC code

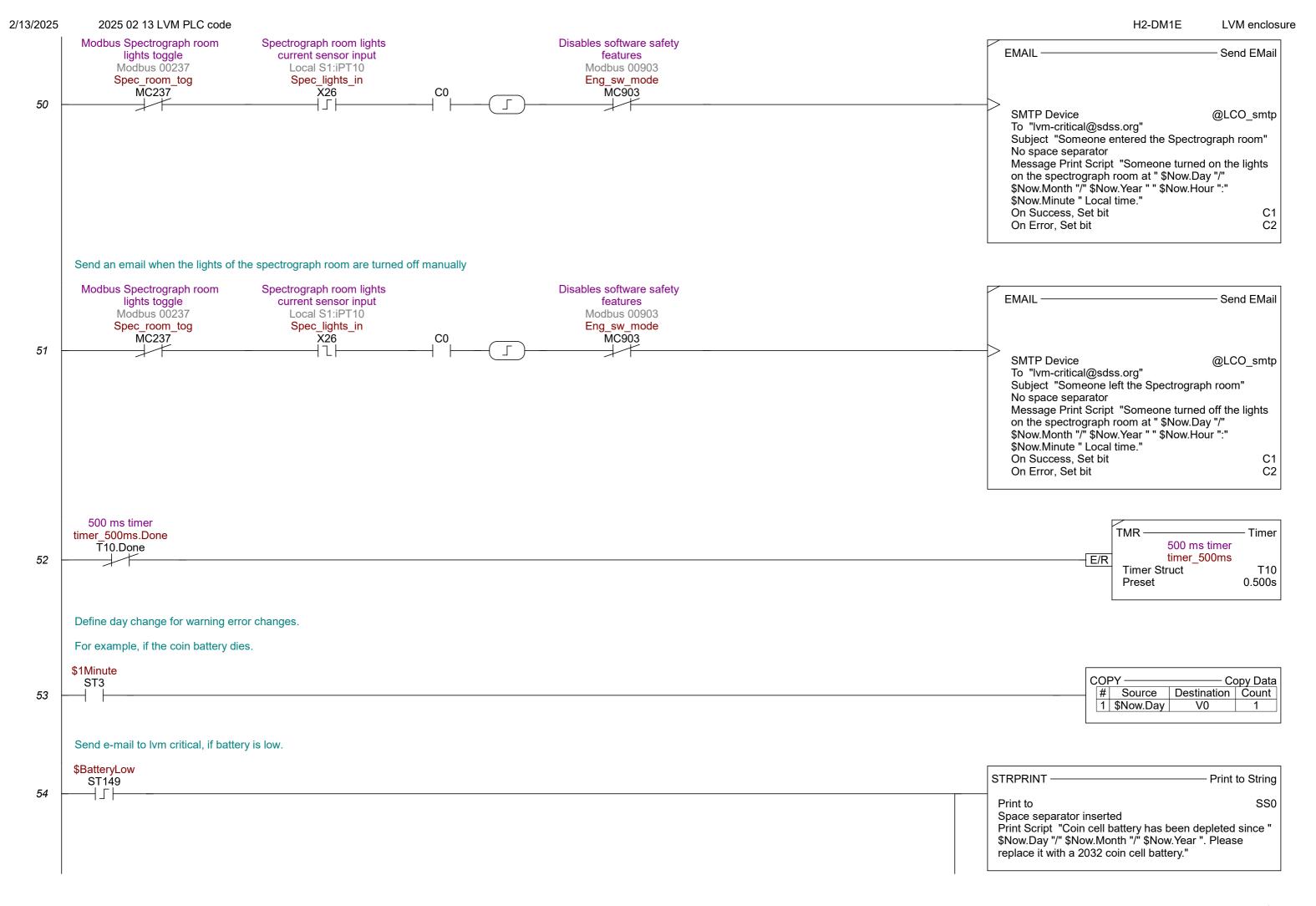
H2-DM1E

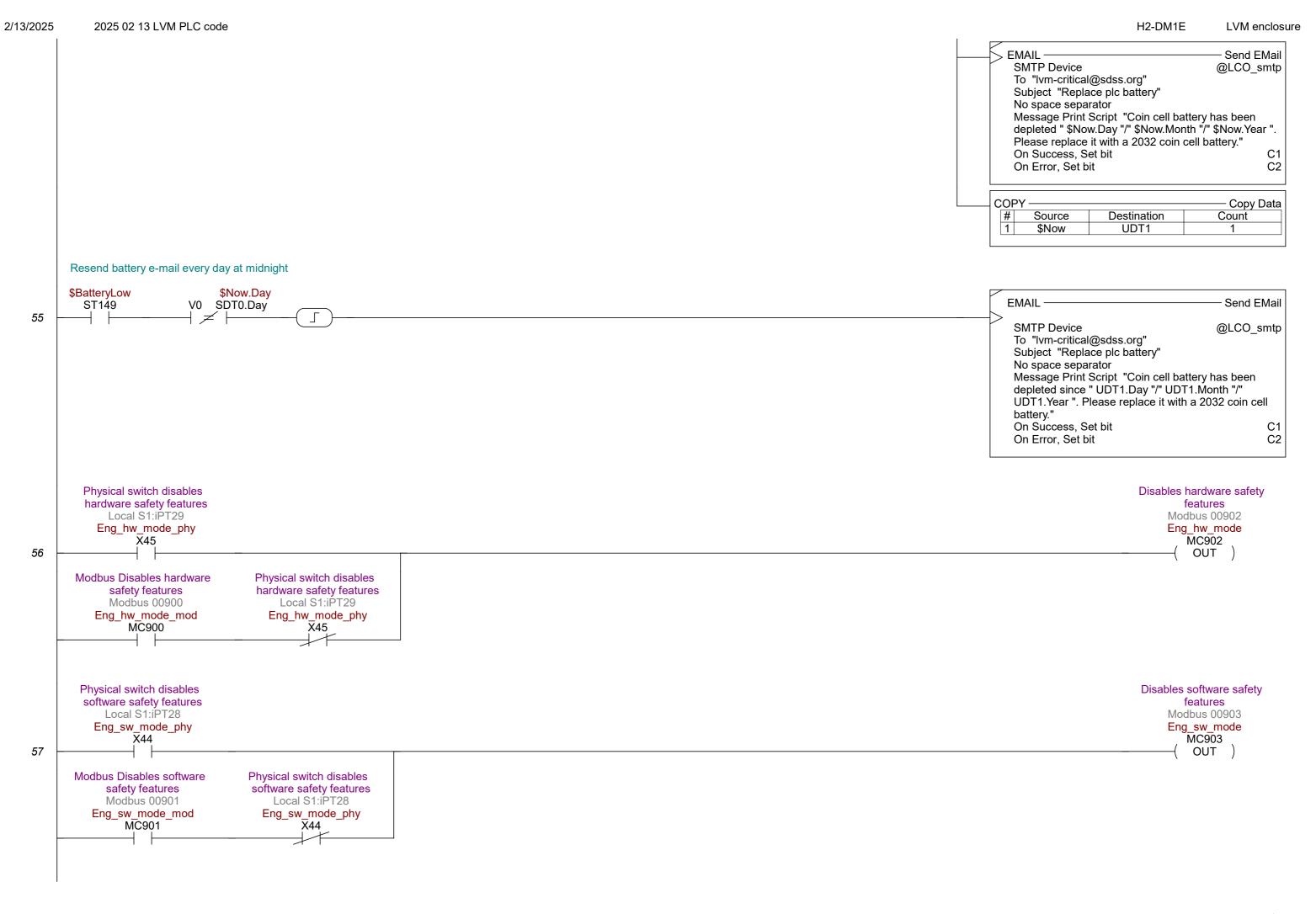
LVM enclosure











2/13/2025 2025 02 13 LVM PLC code LVM enclosure Max motor current for the VDF output current

Modbus 40415

Output_current

MHR415 D200

| > | las movement.
 COPY — Copy Data

 #
 Source
 Destination
 Count

 1
 Output_current
 Max_VDF_Im
 1
 COPY -Max_VDF_Im 58 Roll-off movement enable bit Modbus 00100 COPY — Copy Data

Source Destination Count
1 0 Max_VDF_Im 1 COPY -Dome_enable MC100 59 $I \subseteq I$ NOP) 60

H2-DM1E

