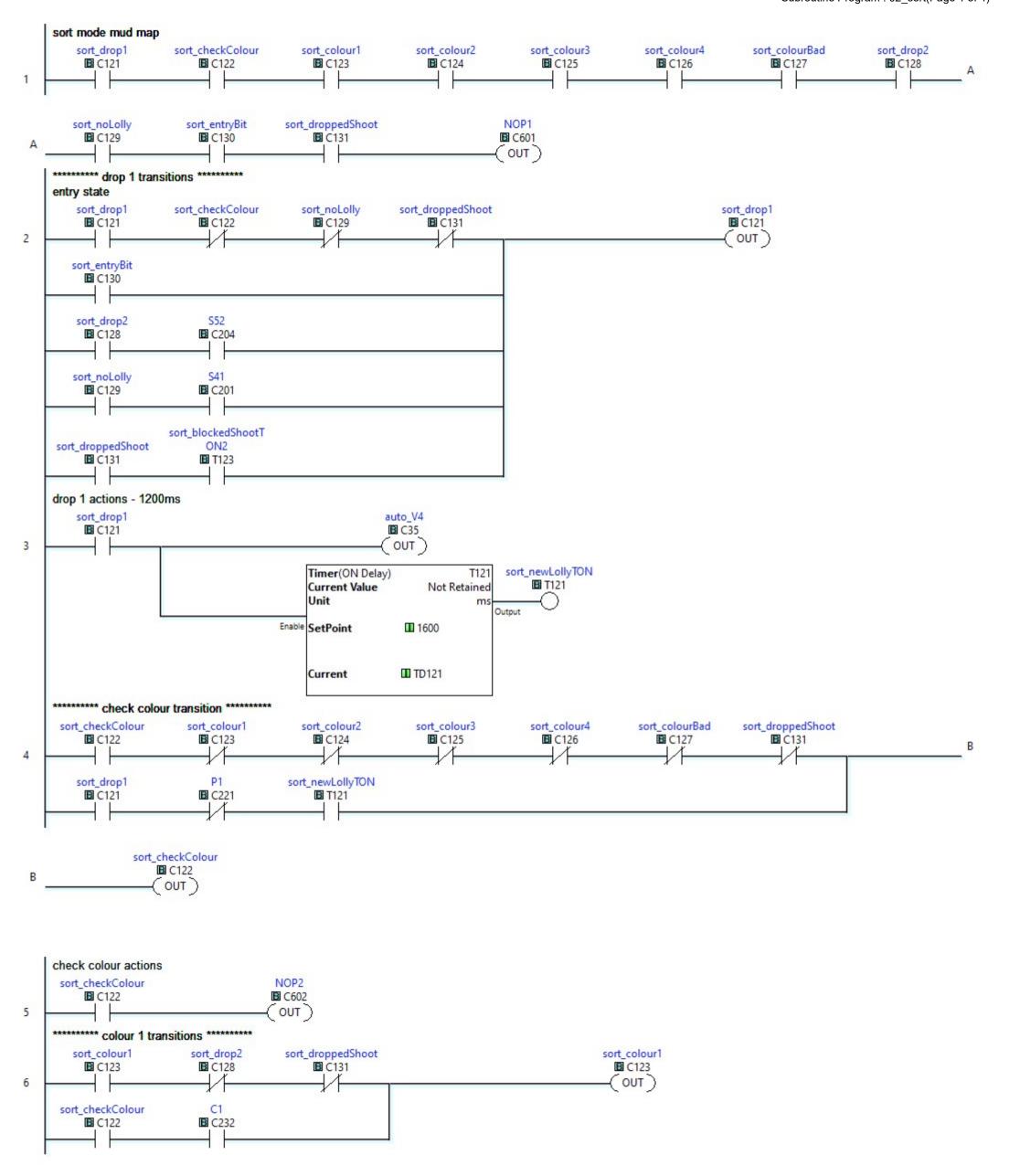


```
Always_ON hmiCon
SC1 SET

Always_ON state_auto
SC1 SET

Always_ON SET

Return
```



```
colour 1 actions
         sort_colour1
                                                                 auto_V0
           ■ C123
                                                                 B C31
                                                                 RST )
                                                                 auto_V1
                                                                 B C32
                                                                 RST
                                                                 auto_V2
                                                                 B C33
                                                                 RST )
                                                                 auto_V3
                                                                 B C34
                                                                 RST )
     ******* colour 2 transitions *********
                                                                                                        sort_colour2

B C124
         sort_colour2
                              sort_drop2

C128
                                              sort_droppedShoot

C131
           B C124
                                                                                                         ( OUT )
      sort_checkColour
                                 C2
           B C122
                               B C233
     colour 2 actions
         sort_colour2
                                                                 auto_V0
          B C124
                                                                 B C31
9
                                                                 RST )
                                                                 auto_V1
                                                                 B C32
                                                                 RST )
                                                                 auto_V2
                                                                 B C33
                                                                 RST )
                                                                 auto_V3
                                                                 B C34
                                                                  SET
     ******* colour 3 transitions ********
                                               sort_droppedShoot
         sort_colour3
                              sort_drop2
                                                                                                        sort_colour3
           B C125
                               B C128
                                                    ■ C131
                                                                                                         B C125
                                                                                                         (OUT)
10
      sort_checkColour
                                 C3
          B C122
                               B C234
     colour 3 actions
         sort_colour3
                                                                 auto_V0
           B C125
                                                                 B C31
11
                                                                  RST
                                                                 auto_V1
                                                                 B C32
                                                                 SET )
                                                                 auto_V2
                                                                 B C33
                                                                (RST)
                                                                 auto_V3
                                                                 B C34
                                                                 (RST)
     ********** colour 4 transitions *********
         sort_colour4
                              sort_drop2
                                               sort_droppedShoot
                                                                                                        sort_colour4
                               B C128
                                                    B C131
           B C126
                                                                                                          B C126
                                                                                                         (OUT)
12
                                 C4
      sort_checkColour
                               B C235
          B C122
```

