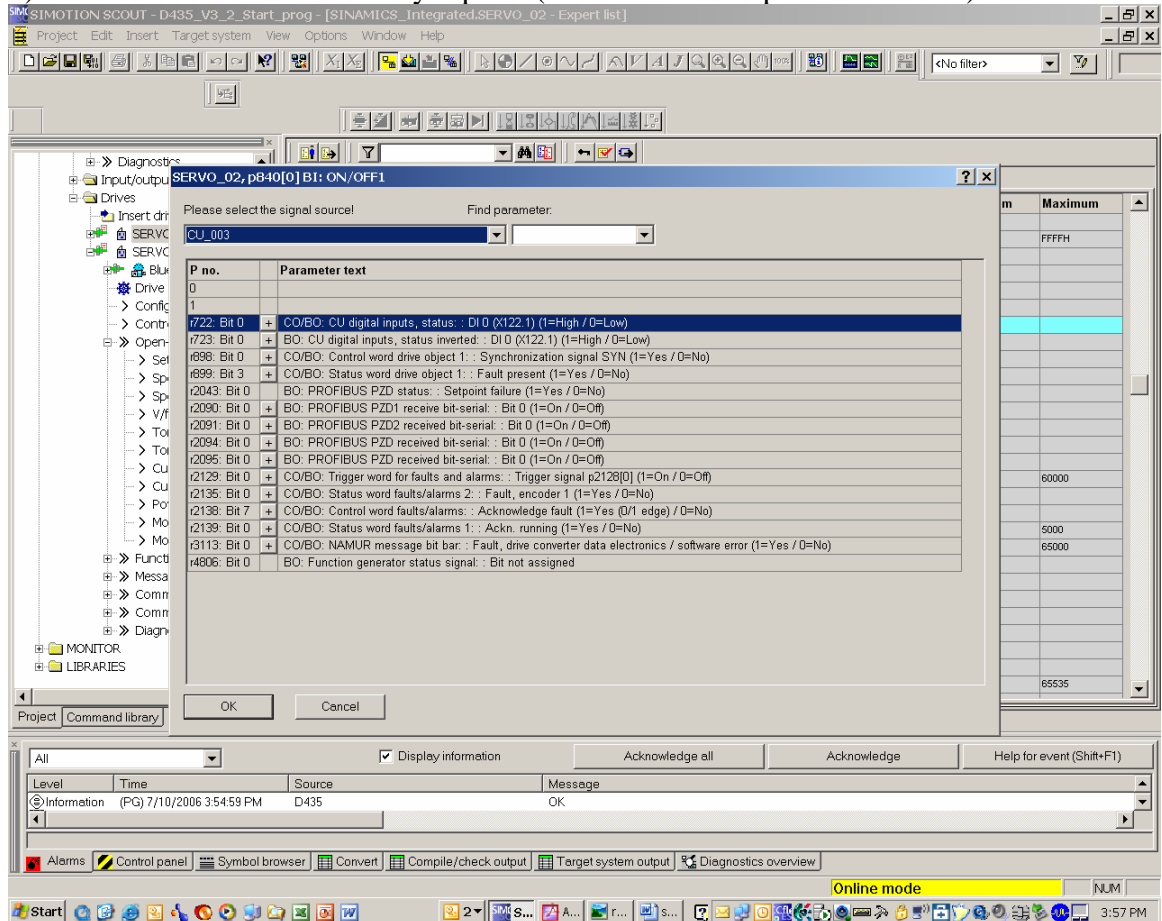


The following parameter changes will allow you to take control of the 2 axis from binary input in (on the switchbox) and enter a fixed speed setpoint in axis 1 (P2900) which both axis will then follow .

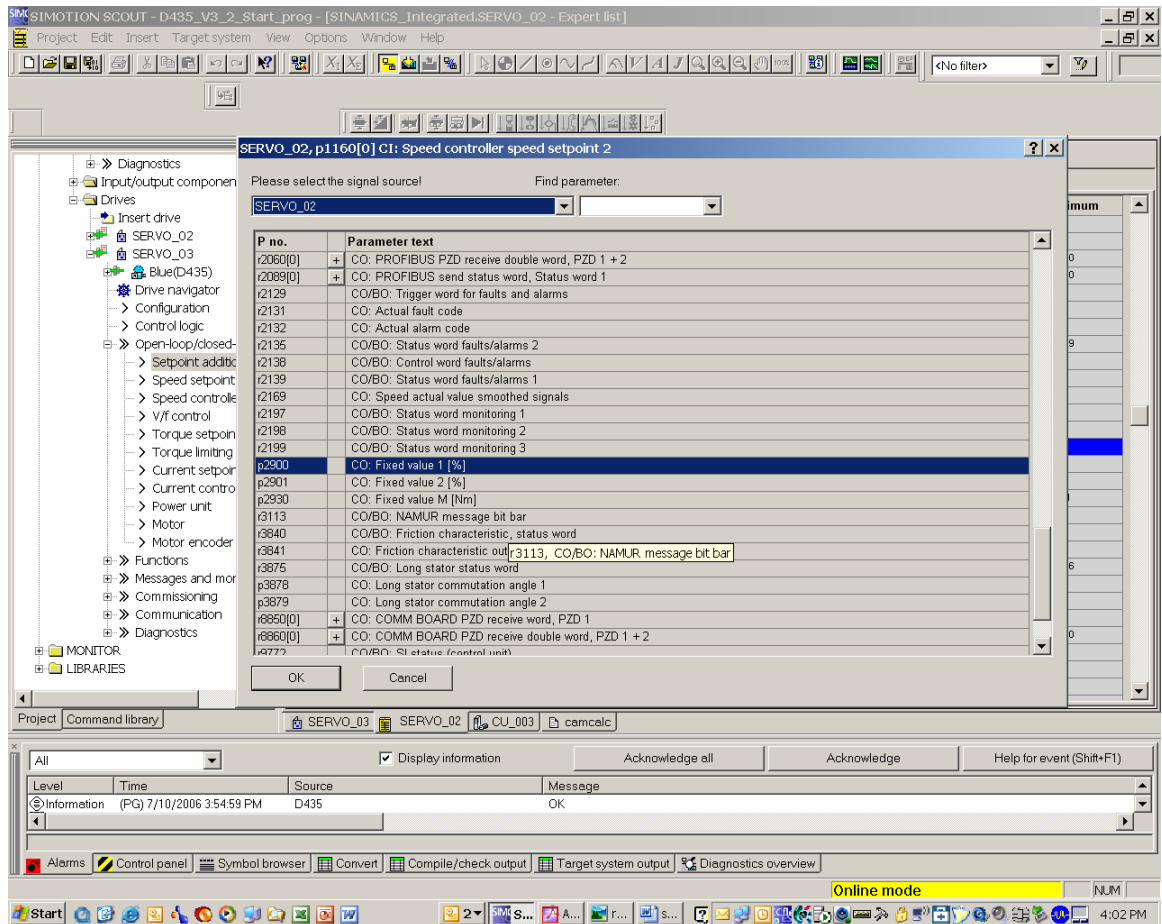
From the standard setting for a simotion D demo rig , change the following parameters in each axis :-

1st Axis

- 1) P922 = Free telegram with Bico
- 2) P840 = CU controller Binary input 1 (axis will now stop start from this)



- 3) P844 = 1
- 4) P848 = 1
- 5) P852 = 1
- 6) P854 = 1
- 7) P856 = 1
- 8) P1160 = P2900 from the 1st axis (default name is Servo2) This will allow us to change the speed setpoint to both axis from one fixed parameter (P2900) in Sinamics axis 1

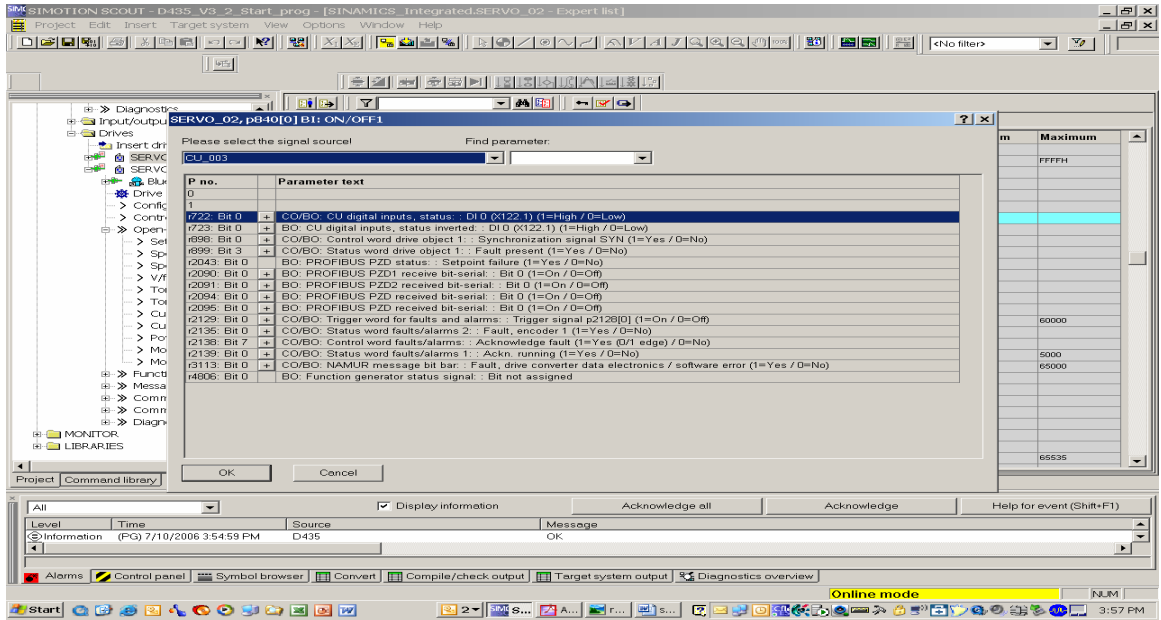


P2900 = Your required speed setpoint in % .

Axis 2

9) P922 = Free telegram with Bico

10) P840 = CU controller Binary input 1 (axis will now stop start from this)



- 11) P844 = 1
- 12) P848 = 1
- 13) P852 = 1
- 14) P854 = 1
- 15) P856 = 1
- 16) P1160 = Servo2 , r62 . This will allow the second axis to follow the speedsetpoint of the first axis .

