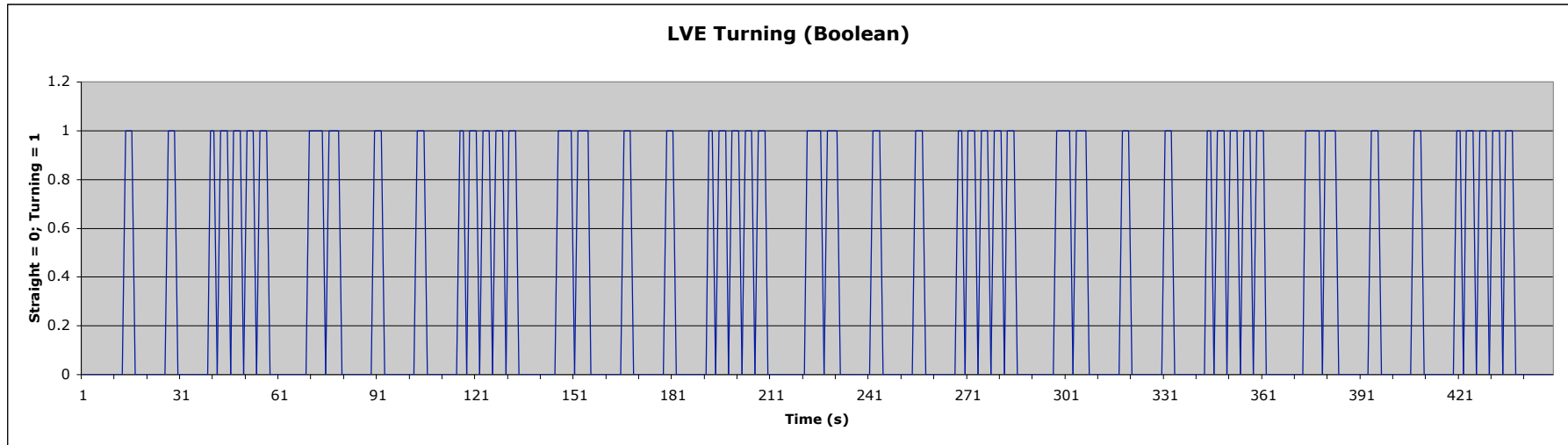
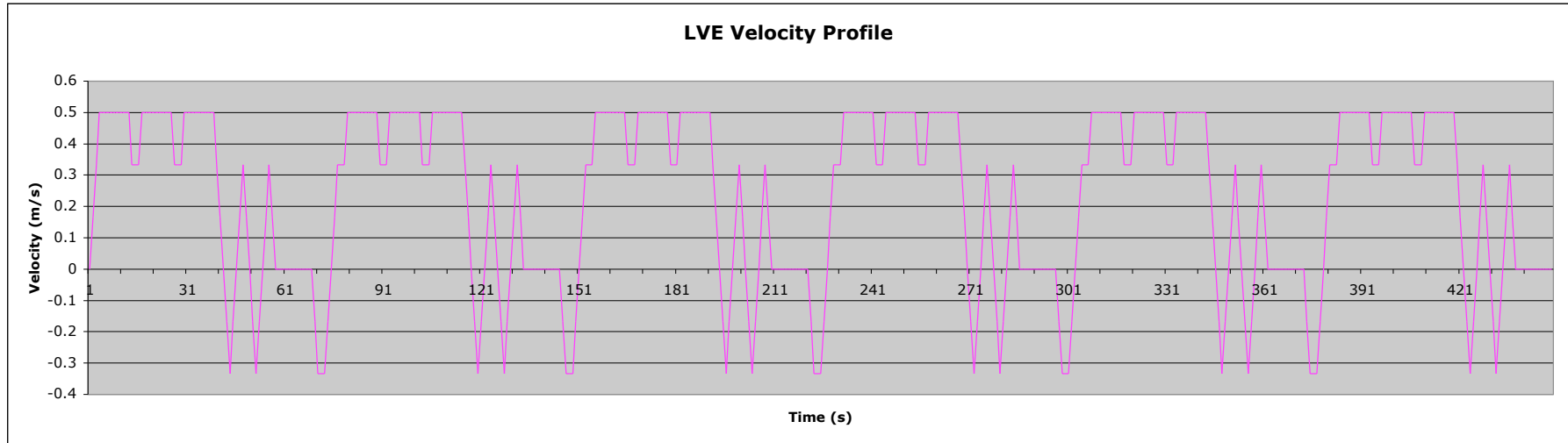
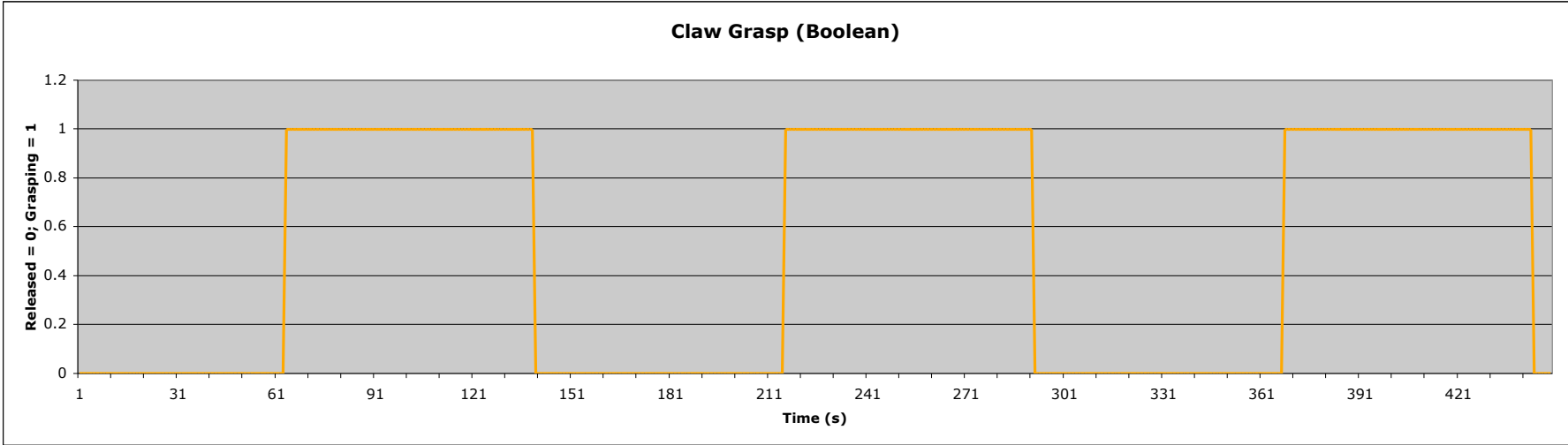
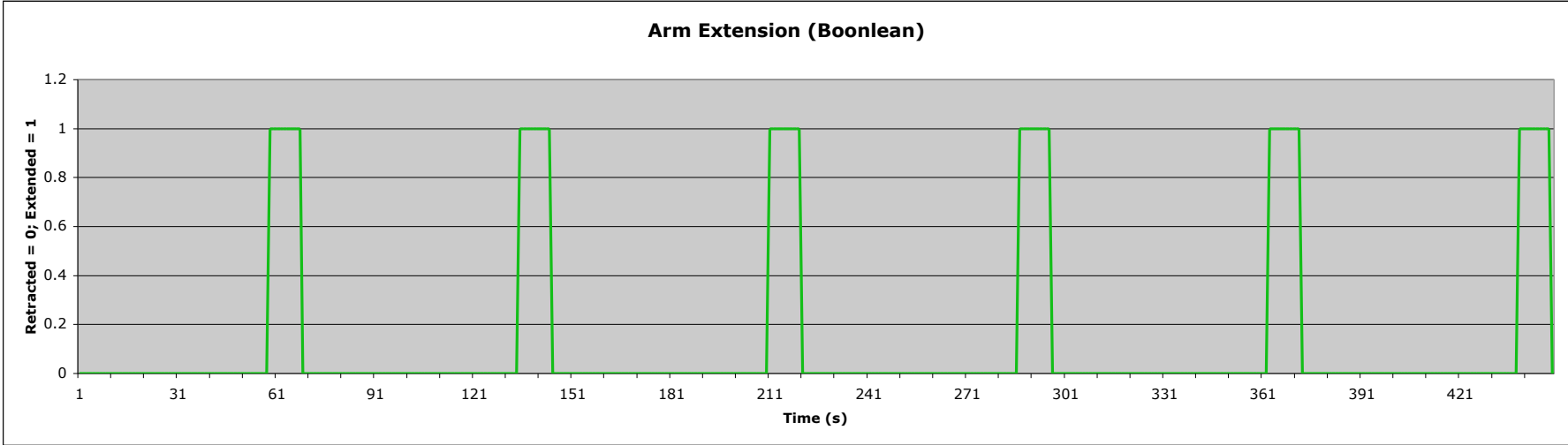


LVE: Mission Profile

1. LVE is removed from charging station fully charged
2. LVE travels straight for 25 ft on a carpeted floor (as is typical in Bldg. 9)
3. LVE makes 3 turn while traveling to the location of the Styrofoam blocks
4. LVE makes 2 turn while lining up the claw with the block
5. LVE grabs the Styrofoam block
6. LVE lifts the Styrofoam block
7. LVE makes 2 turns to end facing the opposite direction (90 degrees)
8. LVE travels straight for 25 ft on a carpeted floor while carrying the block
9. LVE makes 3 turns while traveling to the destination of the Styrofoam blocks
10. LVE makes 2 turns while lining the claw with the target destination
11. LVE lowers the Styrofoam block
12. LVE releases the Styrofoam block
13. LVE makes 2 turns to end up facing the opposite direction (90 degrees)
14. Steps 2-13 are repeated an additional 2 times, until 3 blocks have been moved
15. LVE is turned off and placed back in charging station



* Ignore ramp up/down on boolean charts. Assume on/off only.



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