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| **Move taken** | **Dead Reckoning** | **Odometry** | **Exact Distance (get\_real\_pose())** |
| Move 1m at 30% max speed | 1.61m | 0.61m | 1.00m |
| Move 0.5m at 10% max speed | 1.00m | 0.51m | 0.51m |
| Arc 90 degrees with 0.7m radius clockwise | 0.61m | 0.61m | 0.99m |
| Arc 90 degrees with 0.5m radius counterclockwise | 0.79m | 0.79m | 0.71m |
| Move 2m at 50% max speed | 2.61m | 0.61m | 1.97m |
| Arc 180 degrees with 0.6m radius clockwise | 0.61m | 0.61m | 1.18m |
| Move 1.5m at 60% max speed | 2.11m | 0.61m | 1.50m |
| Arc 45 degrees with 0.4m radius counterclockwise | 0.31m | 0.31m | 0.31m |
| Move 1.2m at 40% max speed | 1.81m | 0.61m | 1.18m |
| Arc 60 degrees with 0.8m radius clockwise | 0.61m | 0.61m | 0.80m |