A possible travel state sequence:

100 – Device off, drive in waiting

↓

110 – Machine ready

↓

115 – Start delay

↓

200 – Start-up check

↓

220 – Reading absolute position

↓

221 – Waiting for absolute position

↓

222 – Waiting for absolute position is done

↓

280 – Wait until STO deactivates

↓

305 – Checking motor phases

↓

315 – Checking absolute value

↓

316 – Storing absolute value

↓

319 – Start control

↓

320 – Wait until motor brakes have opened (T2)

↓

330 – Accelerate motor to speed V_T3 (T3)

↓

340 – Start-up

↓

400 – Accelerating

↓

442 – CAN fast travel accelerating

↓

443 – CAN position RPOS2

↓

444 – CAN constant speed

↓

445 – CAN decelerating

↓

500 – Keep motor at speed 0 (T4)

↓

510 – Wait until the motor brakes are closed (T_5)

↓

520 – Switch off current supply to motor (T5b)

↓

538 – Wait until STO activates

↓

540 – Wait for standstill

↓

550 – Checking BR input

↓

560 – End of travel

↓

100 – Drive in waiting