*State Machine Diagrams for Each ECU*

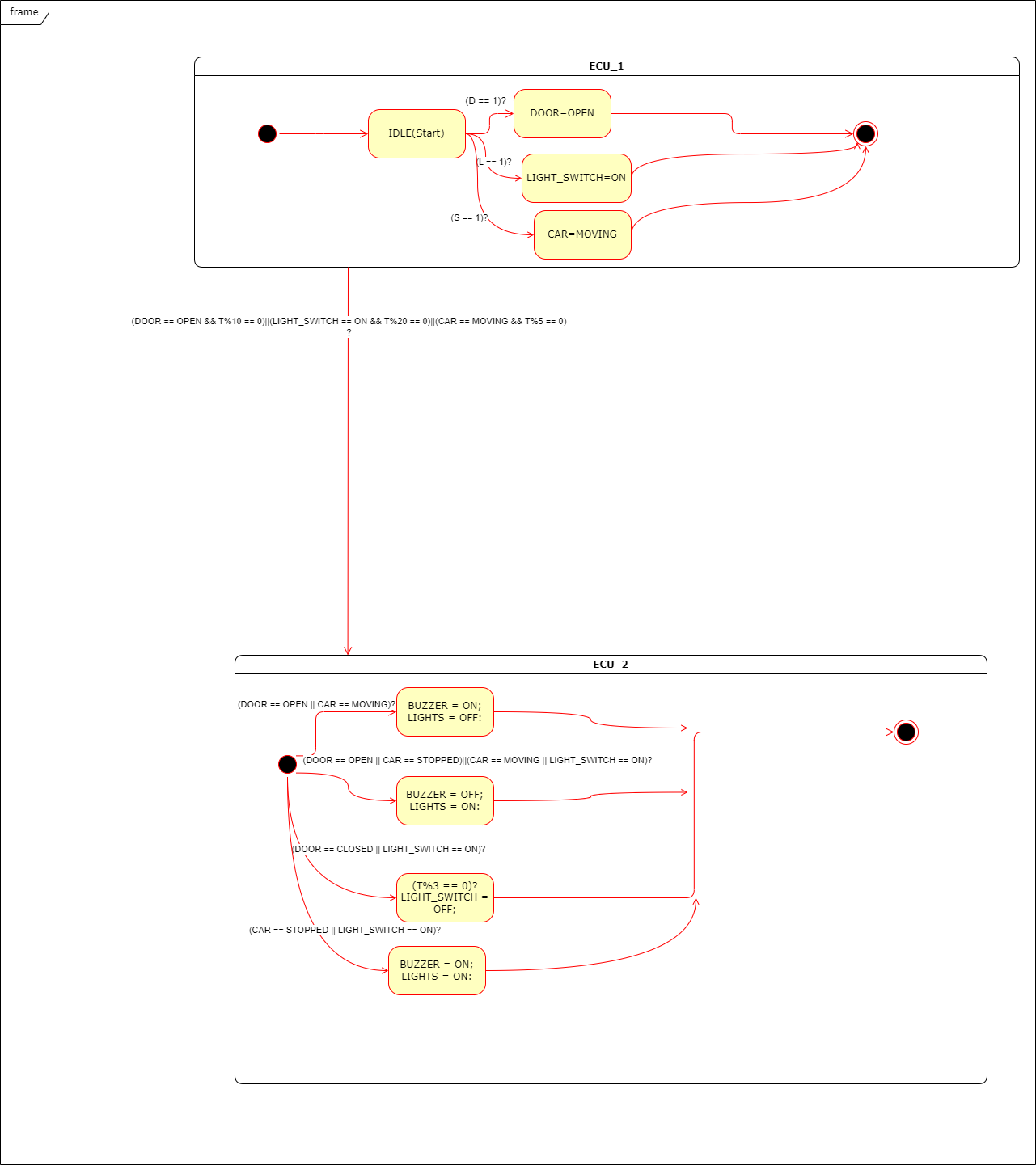


Figure (1) State machine for the whole System

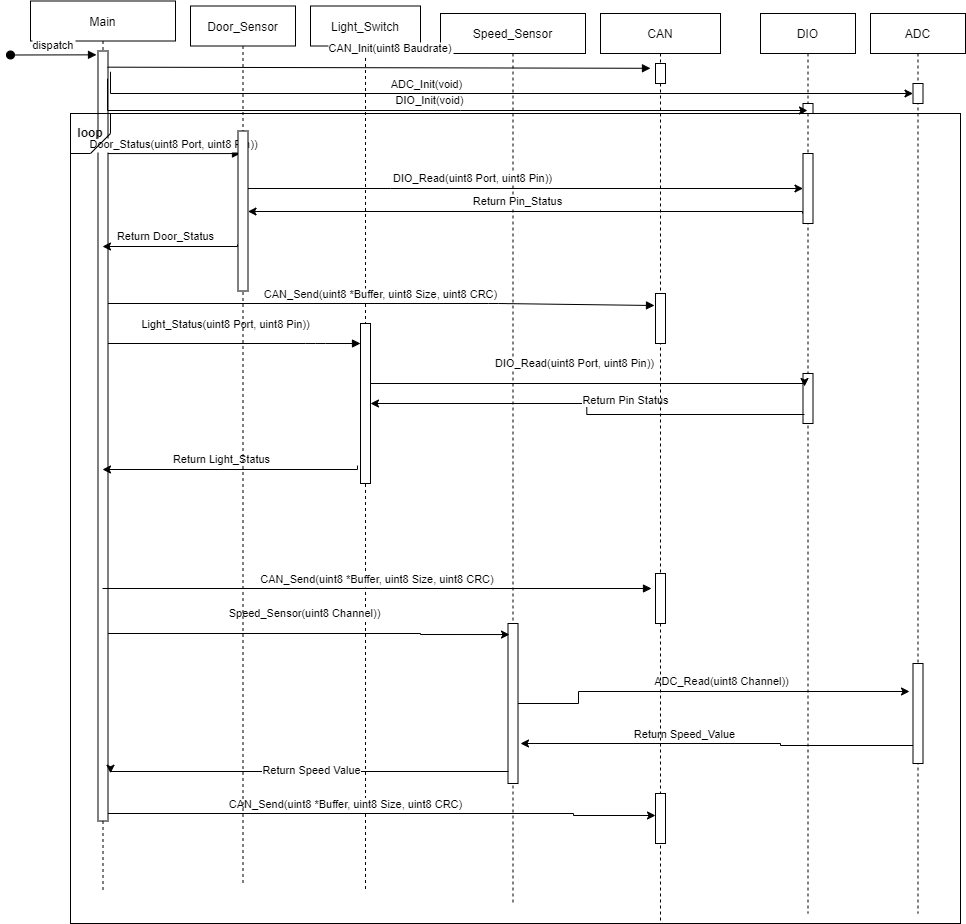


Figure (2) Sequence Diagram for ECU\_1

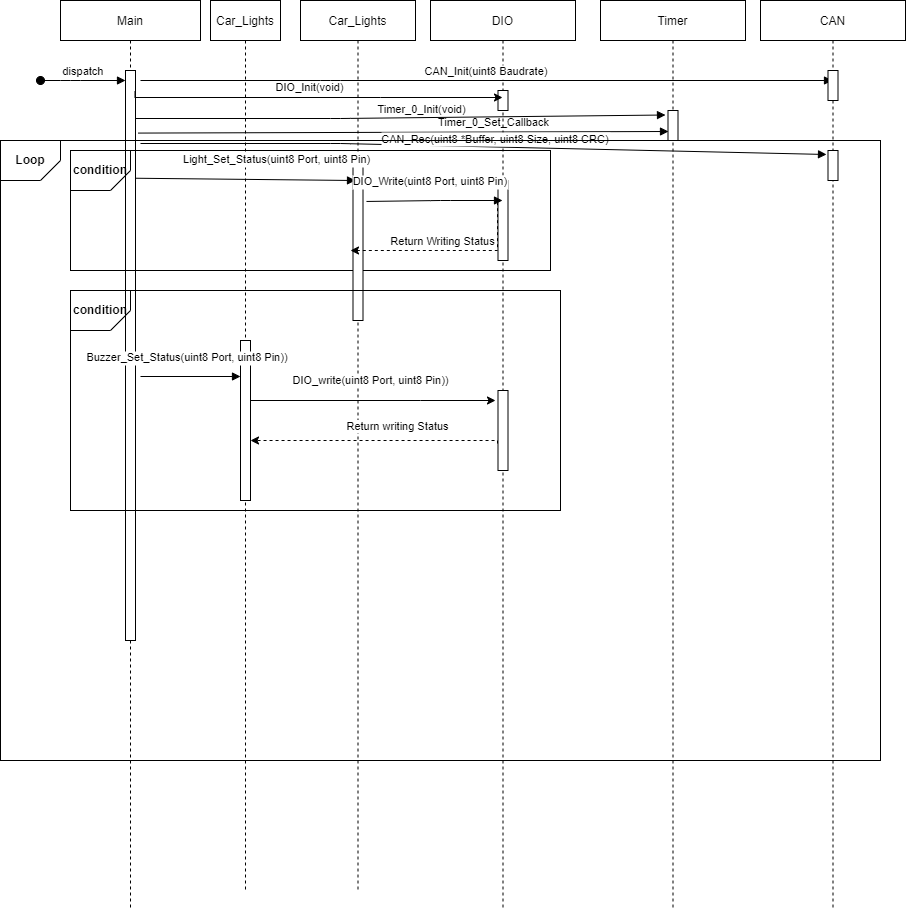


Figure (3) Sequence Diagram for ECU\_2