Chapter 1

Patrol Base Operations as Secure State Machines

1.1 ssmPB: An Example from the Hierarchy

1.1.1 Principals

1.1.2 States

1.1.3 Commands

1.1.4 Next-State Function

1.1.5 Next-Output Function

1.1.6 Authentication

1.1.7 Authorization

1.1.8 Proved Theorems

1.1.8.1 Platoon Leader Is Trusted on plCommands

1.2 Other Variations

1.2.1 ssmPlanPB: Non-sequential Transitions

1.2.2 ssmConductORP: Principals authorized for Subsets of Commands