Simulator Logic Diagram

1. **Connection Established**
   - **No** → **Wait for Connection**
   - **Yes** → **Command Received**

2. **Command Received**
   - **Yes** → **Wait for Command**
   - **No**

3. **Wait for Command**
   - **Yes**
   - **No** → **End of Loop X**

4. **End of Loop X**
   - **Command Received** Step and await next command.

5. **cmd_1**
   - **Temperature?**
     - **Yes** → **Send Temperature**
     - **No**

6. **cmd_2**
   - **Health?**
     - **Yes** → **Send Health**
     - **No**

7. **cmd_3**
   - **StartID?**
     - **Yes** → **Send StartID**
     - **No**

8. **cmd_4**
   - **TBD?**
     - **Yes** → **Send TBD**
     - **No**

9. **cmd_x**
   - **represents additional commands**
   - **Yes** → **tlm_x**
   - **No**

10. **tlm_1**
    - **represents additional telemetry**

The diagram outlines the logic flow for handling commands and telemetry in a simulated system.