Diagram 1:
1. **LP Service Start**
   - $Y_{1a}$
   - 1st Cycle
   - 2nd Cycle
   - 3rd Cycle
   - HP Arrival
   - HP Waiting Due to LP Packets
   - HP Service Start

Diagram 2:
2. **LP Service Start**
   - $Y_{1a}$
   - 1st Cycle
   - 2nd Cycle
   - 3rd Cycle
   - HP Arrival
   - HP Service Start