$$GS_{C_1} = \left\{ LS_{P_1} \cup LS_{P_2} \cup LS_{P_3} \cup SC_{12} \cup SC_{13} \cup SC_{23} \right\}$$

$$SC_{12} = \{ \} \quad SC_{13} = \{ m_{31} \} \quad SC_{23} = \{ \}$$

$$LS_{P_1} = (send(m_{12}), e_{11}) \quad LS_{P_2} = (e_{21}, recv(m_{12})) \quad LS_{P_3} = (e_{31}, send(m_{31}))$$