CLAIMS

1. A method for wireless communication, comprising: receiving, at a user-equipment (UE), a message indicating a first transmission configuration indication (TCI)-state for a serving base station (BS) and a second TCI-state for a target BS; performing handover to the target BS; and activating the second TCI-state for the target BS after the handover.

2. The method of claim 1, wherein the message comprises a radio resource control (RRC) configuration message.

3. The method of claim 1, wherein the message comprises a medium access control-control element (MAC-CE) or downlink control information (DCI).

4. The method of claim 1, further comprising: receiving an indication from the target BS to activate the second TCI-state, wherein activation of the second TCI-state is based on the indication.

5. The method of claim 4, wherein the indication is received via L1 signaling.

6. The method of claim 1, further comprising performing beam training for the target BS via L1 signaling after the second TCI-state is activated.

7. The method of claim 1, wherein the second TCI-state for the target BS comprises at least one of: a cell-identifier (ID) corresponding to the target BS; a transmission reception point-identifier (TRP-ID) corresponding to the target BS; reference signal (RS) set associated with the second TCI-state; or quasi-co-location (QCL) parameters for the target BS.

8. A method for wireless communication, comprising: coordinating, at a target base station (BS), handover of a user-equipment (UE) to the target B S; transmitting, prior to the handover of the UE, a report to a network entity indicating a transmission configuration indication (TCI)-state of the target BS to be used for cell selection; and transmitting an indication to the UE to activate the TCI-state for the target BS after the handover is complete, wherein the TCI-state is preconfigured at the UE prior to the handover.

9. The method of claim 8, further comprising performing beam training for the UE via L1 signaling after the TCI-state is activated.

10. The method of claim 8, wherein the indication is transmitted via L1 signaling.

11. The method of claim 8, wherein the report comprises an L1 report indicating the TCI-state of the target BS to be used for the cell selection.

12. The method of claim 8, wherein the report is triggered via a message received from the network entity.

13. A method for wireless communication, comprising: transmitting, at a serving base station (BS), a message to a user-equipment (UE) indicating a first transmission configuration indication (TCI)-state for the serving BS and a second TCI-state for a target BS; and coordinating handover of the UE to the target BS.

14. The method of claim 13, wherein the message comprises a radio resource control (RRC) configuration message.

15. The method of claim 13, wherein the message comprises a medium access control-control element (MAC-CE) or downlink control information (DCI).

16. The method of claim 13, wherein the second TCI-state for the target BS comprises at least one of: a cell-identifier (ID) corresponding to the target BS; a transmission reception point-identifier (TRP-ID) corresponding to the target BS; reference signal (RS) set associated with the second TCI-state; or quasi-co-location (QCL) parameters for the target BS.

17. A user equipment comprising: receive circuitry configured to receive signals, wherein the signals include a message containing information indicative of transmission configuration indication (TCI)-states for a plurality of base stations including a first base station associated with a first TCI-state and a second base station associated with a second TCI-state; and processor circuitry configured to access instructions and data and in response perform operations including: initiating a handover to the second base station; accessing at least some of the information indicative of the TCI-states for the plurality of base stations; and activating the second TCI-state for the second base station after the handover, wherein activating the second TCI-state includes accessing the information indicative of the second TCI-state and using the information to communicate with the second base station.

18. The user equipment of claim 17, wherein the information indicative of the second TCI-state includes reference signal information associated with the second base station, one or more quasi co-location (QCL) parameters for the second base station, or both.

19. The user equipment of claim 18, wherein the information indicative of the second TCI-state further includes a cell identifier associated with the second base station, a transmission point (TRP) identifier associated with the second base station, or both.

20. The user equipment of claim 17, wherein the first base station is a serving base station prior to handoff, and wherein the message containing the information indicative of the TCI-states for the plurality of base stations is received from the serving base station.