

CLAIMS

1. A method of wireless communication at a User Equipment (UE), comprising:
receiving a Radio Resource Control (RRC) configuration including a set of target cells for a conditional handover procedure and load information of the target cells;
selecting a target cell from the set of target cells for the conditional handover procedure based at least on the load information of the target cells; and
performing the conditional handover procedure to transfer from a source cell to the target cell.
2. The method of claim 1, wherein the load information comprising one or more of beam utilization information and per service type radio resource usage information of the target cells.
3. The method of claim 1, wherein the selecting comprises selecting the target cell with a lower load compared to one or more other target cells among the set of target cells.
4. An apparatus of wireless communication, the apparatus comprising:
means for receiving, at a User Equipment (UE), a Radio Resource Control (RRC) configuration including a set of target cells for a conditional handover procedure and load information of the target cells;
means for selecting, at a User Equipment (UE), a target cell from the set of target cells for the conditional handover procedure based at least on the load information of the target cells; and

means for performing, at a User Equipment (UE), the conditional handover procedure to transfer from a source cell to the target cell.

5. The apparatus of claim 4, wherein the load information comprising one or more of beam utilization information and per service type radio resource usage information of the target cells.

6. The apparatus of claim 4, further comprising means for selecting the target cell with a lower load compared to one or more other target cells among the set of target cells.

7. An apparatus of wireless communication, the apparatus comprising:
a memory; and
at least one processor coupled to the memory and configured to:
receive, at a User Equipment (UE), a Radio Resource Control (RRC) configuration including a set of target cells for a conditional handover procedure and load information of the target cells;
select, at the UE, a target cell from the set of target cells for the conditional handover procedure based at least on the load information of the target cells; and
perform, at the UE, the conditional handover procedure to transfer from a source cell to the target cell.

8. The apparatus of claim 7, wherein the load information comprising one or more of beam utilization information and per service type radio resource usage information of the target cells.

9. The apparatus of claim 7, the at least one processor is further configured to select the target cell with a lower load compared to one or more other target cells among the set of target cells.