Claims

What is claimed is:

1. A radio communication method comprising:

determining in a cell at least one first subframe;

determining in the cell at least one second subframe;

allocating downlink user traffic in the cell during the first subframe with a low priority; and

transmitting a handover command from the cell to a user equipment based on the second subframe,

wherein the at least one first subframe is at least one handover command protection subframe of the cell, and

wherein the at least one second subframe is at least one handover command protection subframe of a neighboring cell of the cell.

2. The radio communication method of claim 1,

wherein determining the at least one first subframe comprises determining at least one first logical subframe.

3. The radio communication method of claim 2, further comprising:

mapping the at least one first logical subframe to at least one physical subframes to determine the at least one first subframe.

4. The radio communication method of any one of claims 1 to 3,

wherein the at least one second subframe is determined based on at least one of a measurement report, measured traffic load information, or traffic load information exchanged over an X2 link.

5. The radio communication method of any one of claims 1 to 4,

wherein the at least one first subframe is determined based on traffic load information of the cell and its physical cell identity.

6. The radio communication method of any one of claims 1 to 5, further comprising:

grouping a plurality of user equipments based on user equipment context information.

7. The radio communication method of any one of claims 1 to 6, further comprising:

determining user profiling information;

wherein the handover command is transmitted to the user equipment based on the user profiling information.

8. The radio communication method of claim 7,

wherein the user profiling information comprises at least one of a traveling pattern of the user or routing information of the user.

9. A radio communication device comprising:

a determination circuit configured to determine in a cell defined by the radio communication device at least one first subframe and at least one second subframe;

an allocation circuit configured to allocate downlink user traffic in the cell during the first subframe with a low priority; and

a handover circuit configured to transmit a handover command to a user equipment based on the second subframe,

wherein the at least one first subframe is at least one handover command protection subframe of the cell, and

wherein the at least one second subframe is at least one handover command protection subframe of a neighboring cell of the cell.

10. The radio communication device of claim 9,

wherein the determination circuit is configured to determine at least one first logical subframe.

11. The radio communication device of claim 10,

wherein the determination circuit is configured to map the at least one first logical subframe to at least one physical subframes to determine the at least one first subframe.

12. The radio communication device of any one of claims 9 to 11,

wherein the determination circuit is configured to determine the at least one second subframe based on at least one of a measurement report, measured traffic load information, or traffic load information exchanged over an X2 link.

13. The radio communication device of any one of claims 9 to 12,

wherein the determination circuit is configured to determine the at least one first subframe based on traffic load information of the cell and its physical cell identity.

14. The radio communication device of any one of claims 9 to 13, further comprising:

a grouping circuit configured to group a plurality of user equipments based on user equipment context information.

15. The radio communication device of any one of claims 9 to 14, further comprising:

a profiling circuit configured to determine user profiling information;

wherein handover circuit is configured to transmit the handover command to the user equipment based on the user profiling information.

16. The radio communication device of claim 15,

wherein the user profiling information comprises at least one of a traveling pattern of the user or routing information of the user.