Claims

1. A radio terminal (4) for Dual Connectivity, the radio terminal comprising:

radio communication means for performing Dual Connectivity with a first radio station (1) operating a first cell (10), and a second radio station (2) operating a second cell (20) or a third radio station (3) operating a third cell (30); and

communication control means for establishing a radio connection in the first cell (10) used as a Primary cell, and a radio connection in the second cell (20) used as a Secondary cell,

wherein the radio communication means is configured to receive (S101) from the first radio station (1) an instruction to change the Secondary cell from the second cell (20) to the third cell (30),

wherein the communication control means is configured to perform change of the Secondary cell from the second cell (20) to the third cell (30), while keeping the first cell (10) as the Primary cell, continuing data transmission and reception for a first Data Radio Bearer, DRB, established between the radio terminal (4) and the first radio station (1) in the first cell (10), and keeping (S102) communication status information on the Secondary cell, wherein the communication status information includes a drb-identity of a second DRB established between the radio terminal (4) and the second radio station (2) in the second cell (20), and

wherein the communication control means is configured to re-establish Packet Data Convergence Protocol, PDCP, and Radio Link Control, RLC, layers corresponding to the second DRB identified by the drb-identity to resume (S104) communication in the third cell (30) ~~based on the communication status information~~ after the change (S103) of the Secondary cell.

~~2. The radio terminal (4) according to claim 1, wherein~~

~~the communication control means is further configured to, during changing the Secondary cell from the second cell (20) to the third cell (30), keep radio bearer configuration of a second DRB established between the radio terminal (4) and the second radio station (2) in the second cell (20) and release radio resource configuration of the second cell (20).~~

~~3~~2. A method for a radio terminal (4) for Dual Connectivity, the method comprising:

performing Dual Connectivity with a first radio station (1) operating a first cell (10), and a second radio station (2) operating a second cell (20) or a third radio station (3) operating a third cell (30);

establishing a radio connection in the first cell (10) used as a Primary cell, and a radio connection in the second cell (20) used as a Secondary cell; and

receiving (S101) from the first radio station (1) an instruction to change the Secondary cell from the second cell (20) to the third cell (30);

performing change of the Secondary cell from the second cell (20) to the third cell (30), while keeping the first cell (10) as the Primary cell, continuing data transmission and reception for a first Data Radio Bearer, DRB, established between the radio terminal (4) and the first radio station (1) in the first cell (10), and keeping (S102) communication status information on the Secondary cell, wherein the communication status information includes a drb-identity of a second DRB established between the radio terminal (4) and the second radio station (2) in the second cell (20); and

~~resuming~~re-establishing Packet Data Convergence Protocol, PDCP, and Radio Link Control, RLC, layers corresponding to the second DRB identified by the drb-identity to resume (S104) communication in the third cell (30) ~~based on the communication status information~~ after the change (S103) of the Secondary cell.

~~4. The method according to claim 3, further comprising:~~

~~during changing the Secondary cell from the second cell (20) to the third cell (30), keeping radio bearer configuration of a second DRB established between the radio terminal (4) and the second radio station (2) in the second cell (20) and releasing radio resource configuration of the second cell (20).~~