

CLAIMS

1. A method, in a radio network node (80), for operating a wireless device (90) in a wireless network (100), wherein the wireless device (90) is configured, by higher layer signaling, with a first measurement restriction, MR, configuration for measuring and/or reporting Channel State Information, CSI, the method comprises:
 - transmitting (42) a first indication with lower layer signaling, indicating that a second MR configuration for measuring and/or reporting CSI replaces the first MR configuration for measuring and/or reporting CSI.
2. The method according to claim 1, wherein the second MR configuration for measuring and/or reporting CSI replaces the first MR configuration for measuring and/or reporting CSI for a predetermined time period.
3. The method according to claim 2, wherein the predetermined time period ends after a configurable time.
4. The method according to claim 2, wherein the method further comprises:
 - transmitting (44) a second indication with lower layer signaling, the second indication indicating that the predetermined time period ends.
5. The method according to claim 1, wherein the second MR configuration for measuring and/or reporting CSI is predetermined.
6. The method according to claim 1, wherein the second MR configuration for measuring and/or reporting CSI is selected from a set of predetermined MR configurations.
7. The method according to claims 1-6, wherein the second MR configuration for measuring and/or reporting CSI comprises no measurement restrictions.
8. The method according to claims 1-7, wherein the method further comprises:
 - receiving, from the wireless device (90), a CSI report based on the second MR configuration for measuring and/or reporting CSI.
9. A method for reporting Channel State Information, CSI, in a wireless device (90), the wireless device (90) is configured, by higher layer signaling, to measure and/or report CSI according to a first measurement restriction, MR, configuration, the method comprises:
 - receiving (52) by lower layer signaling, from a radio network node (80), a first indication indicating that a second MR configuration for measuring and/or reporting CSI replaces the first MR configuration for measuring and/or reporting CSI.

10. The method according to claim 9, wherein the second MR configuration for measuring and/or reporting CSI replaces the first MR configuration for measuring and/or reporting CSI when measuring and reporting CSI for a predetermined time period.
11. The method according to claim 10, wherein the predetermined time period ends after a configurable time.
12. The method according to claim 10, wherein the method further comprises:
 - receiving (54) by lower layer signaling, a second indication, indicating that the predetermined time period ends.
13. The method according to claim 9, wherein the second MR configuration for measuring and/or reporting CSI for measuring and reporting CSI is predetermined.
14. The method according to claim 9, wherein the second MR configuration for measuring and/or reporting CSI is selected from a set of predetermined MR configurations.
15. The method according to claims 9-14, wherein the second MR configuration for measuring and/or reporting CSI comprises no measurement restrictions.
16. The method according to claims 9-15, wherein the method further comprises:
 - transmitting, to the radio network node (80), a CSI report, based on the second MR configuration for measuring and/or reporting CSI.
17. A radio network node (80), for operating a wireless device (90) in a wireless network (100), the radio network node (80) comprising a processing circuitry and a memory, said memory containing instructions executable by said processing circuitry, whereby said radio network node (80) is adapted and/or configured and/or operative to:
 - transmit a first indication with lower layer signaling, indicating that a second MR configuration for measuring and/or reporting CSI replaces the first MR configuration for measuring and/or reporting CSI.
18. The radio network node (80) according to claim 17, wherein the second MR configuration for measuring and/or reporting CSI replaces the first MR configuration for measuring and/or reporting CSI for a predetermined time period.
19. The radio network node (80) according to claim 18, wherein the predetermined time period ends after a configurable time.
20. The radio network node (80) according to claim 18, wherein the radio network node (80) is further adapted and/or configured to:
 - transmit a second indication with lower layer signaling, the second indication indicating that the predetermined time period ends.

21. The radio network node (80) according to claim 17, wherein the second MR configuration for measuring and/or reporting CSI is predetermined.
22. The radio network node (80) according to claim 17, wherein the second MR configuration for measuring and/or reporting CSI is selected from a set of predetermined MR configurations.
23. The radio network node (80) according to claims 17-22, wherein the second MR configuration for measuring and/or reporting CSI comprises no measurement restrictions.
24. The radio network node (80) according to claims 17-22, wherein the radio network node (80) is further adapted and/or configured to:
 - receive, from the wireless device (90), a CSI report, based on the second MR configuration for measuring and/or reporting CSI.
25. A wireless device (90) for reporting Channel State Information, CSI, the wireless device (90) comprising a processing circuitry and a memory, said memory containing instructions executable by said processing circuitry, whereby said wireless device (90) is adapted and/or configured and/or operative to:
 - be configured, by higher layer signaling, with a first measurement restriction, MR, configuration for measuring and/or reporting Channel State Information, CSI,
 - receive by lower layer signaling, from a radio network node (80), a first indication indicating that a second MR configuration for measuring and/or reporting CSI replaces the first MR configuration for measuring and/or reporting CSI.
26. The wireless device (90) according to claim 25, wherein the second MR configuration for measuring and/or reporting CSI replaces the first MR configuration for measuring and/or reporting CSI when measuring and reporting CSI for a predetermined time period.
27. The wireless device (90) according to claim 26, wherein the predetermined time period ends after a configurable time.
28. The wireless device (90) according to claim 26, wherein the wireless device (90) is further adapted and/or configured to:
 - receive by lower layer signaling, a second indication, indicating that the predetermined time period ends.
29. The wireless device (90) according to claim 25, wherein the second MR configuration for measuring and/or reporting CSI for measuring and reporting CSI is predetermined.
30. The wireless device (90) according to claim 25, wherein the second MR configuration for measuring and/or reporting CSI is selected from a set of predetermined MR configurations.

31. The wireless device (90) according to claim 25-30, wherein the second MR configuration for measuring and/or reporting CSI comprises no measurement restrictions.
32. The wireless device (90) according to claim 25-31, wherein the wireless device (90) is further adapted and/or configured to:
 - transmit, to the radio network node (80), a CSI report, based on the second MR configuration for measuring and/or reporting CSI.