CLAIMS

1. A method for reporting a successful primary secondary cell (PScell) addition or change report, performed by a terminal device, comprising:

sending indication information to a network-side device, wherein the indication information indicates that the terminal device has the successful PScell addition or change report;

receiving a response message sent by the network-side device, wherein the response message has a request indication; and

sending the successful PScell addition or change report to the network-side device according to the request indication.

2. The method according to claim 1, wherein a reporting trigger condition for sending the indication information to the network-side device is that the terminal device records relevant information of PScell addition or change into the successful PScell addition or change report.

3. The method according to claim 2, wherein sending the indication information to the network-side device comprises:

sending the indication information via a measurement report.

4. The method according to claim 1, after sending the indication information to the network-side device, the method further comprising:

starting a prohibition timer, wherein the terminal device no longer sends the indication information after the prohibition timer reaches a preset threshold.

5. The method according to claim 1, wherein a reporting trigger condition for sending the indication information to the network-side device is that the terminal device accesses a network, and the successful PScell addition or change report comprises relevant information of PScell addition or change.

6. The method according to claim 5, wherein sending the indication information to the

network-side device comprises:

sending the indication information via a connection establishment completion message, a connection recovery completion message, or a connection reestablishment completion message.

7. The method according to claim 1, wherein after sending the successful PScell addition or change report to the network-side device, the method further comprises:

releasing the successful PScell addition or change report.

8. The method according to claim 1, further comprising:

obtaining a time for recording relevant information of PScell addition or change into the successful PScell addition or change report; and

releasing the successful PScell addition or change report after a preset time starting from the time for recording the relevant information of the PScell addition or change.

9. The method according to claim 1, further comprising:

sending capability information of the terminal device to the network-side device, wherein the capability information indicates that the terminal device supports the successful PScell addition or change report .

10. A method for reporting a successful PScell addition or change report, performed by a network-side device, comprising:

receiving indication information sent by a terminal device, wherein the indication information indicates that the terminal device has the successful PScell addition or change report;

sending a response message to the terminal device, wherein the response message has a request indication; and

receiving the successful PScell addition or change report sent by the terminal device.

11. The method according to claim 10, further comprising:

receiving capability information of the terminal device sent by the terminal device, wherein

the capability information indicates that the terminal device supports the successful PScell addition or change report ; and

determining, based on the capability information, that the terminal device is configured to report the successful PScell addition or change report.

12. The method according to claim 10, wherein receiving the indication information sent by the terminal device comprises:

receiving the indication information via a measurement report.

13. The method according to claim 10, wherein receiving the indication information sent by the terminal device comprises:

receiving the indication information via a connection establishment completion message, a connection recovery completion message, or a connection reestablishment completion message.

14. An apparatus for reporting a successful PScell addition or change report, comprising:

a sending module configured to send indication information to a network-side device, wherein the indication information indicates that a terminal device has the successful PScell addition or change report;

wherein the apparatus is further configured to:

receive a response message sent by the network-side device, wherein the response message has a request indication; and

send the successful PScell addition or change report to the network-side device according to the request indication.

15. An apparatus for reporting a successful PScell addition or change report, comprising:

a receiving module configured to receive indication information sent by a terminal device, wherein the indication information indicates that the terminal device has the successful PScell addition or change report;

wherein the apparatus is further configured to:

send a response message to the terminal device, wherein the response message has a request indication; and

receive the successful PScell addition or change report sent by the terminal device.

16. A communication device, comprising

a processor, and

a memory having stored therein a computer program,

wherein the processor is configured to execute the computer program stored in the memory to cause the device to perform the method according to any one of claims 1 to 13.

17. A communication device, comprising:

a processor, and

an interface circuit,

wherein the interface circuit is configured to receive code instructions and transmit them to the processor, and

the processor is configured to run the code instructions to perform the method according to any one of claims 1 to 13.

18. A computer-readable storage medium, configured to store instructions that, when executed, cause the method according to any one of claims 1 to 13 to be implemented.