WHAT IS CLAIMED IS

1. A method for recording a report of successful primary secondary cell (PSCell) addition or change (PAC), performed by a terminal, comprising:

receiving, (101), a configuration message sent by a network device, wherein the configuration message comprises a trigger condition configuration;

obtaining, (202), an elapsed time of a timer associated with the terminal; and

recording, (203), the report of successful PAC based on the elapsed time of the timer and the trigger condition configuration;

wherein the timer associated is a first timer of a current PSCell and the trigger condition configuration comprises a first threshold, or the timer associated is a second timer of a current PSCell and the trigger condition configuration comprises a second threshold;

wherein recording (203) the report of successful PAC based on the elapsed time of the timer and the trigger condition configuration comprises:

recording (303) the report of successful PAC in a case that a ratio of an elapsed time of the first timer to a first configuration value of a configured PSCell is greater than the first threshold; or

recording (403) the report of successful PAC in a case that a ratio of an elapsed time of the second timer to a second configuration value of a configured PSCell is greater than the second threshold.

3. The method of claim 1, wherein the first configuration value of the configured PSCell is comprised in the trigger condition configuration.

4. The method of claim 1, wherein the trigger condition configuration is received before the terminal executes a last PAC operation, and the last PAC is a result of a latest configuration taking effect.

5. The method of claim 3, wherein the configuration message comprising the first configuration value of the configured PSCell is a radio resource control (RRC) reconfiguration message last applied, and a secondary cell group in the RRC reconfiguration message comprises a reconfigurationWithSync.

6. The method of claim 1, wherein the second configuration value of the configured PSCell

is comprised in the trigger condition configuration.

7. The method of claim 1, wherein the second configuration value of the configured PSCell is configured when the terminal is still connected to a source PSCell and before the terminal executes a last PAC operation, and the last PAC is a result of a latest configuration taking effect.

8. The method of claim 1, wherein the timer associated is a third timer associated with a measurement identity of a target PSCell, the trigger condition configuration comprises a third threshold, and recording, (203), the report of successful PAC based on the elapsed time of the timer and the trigger condition configuration comprises:

recording, (503), the report of successful PAC in case the third timer is still running when the terminal initiates the PAC, and a ratio of an elapsed time of the third timer to a third configuration value of a configured PSCell is greater than the third threshold.

9. The method of claim 8, wherein the third configuration value of the configured PSCell is comprised in the trigger condition configuration, and the trigger condition configuration is received before the terminal executes a last PAC operation, the last PAC being a result of a latest configuration taking effect.

10. The method of claim 8, wherein the third configuration value of the configured PSCell is configured when the terminal is still connected to a source PSCell and before the terminal executes a last PAC operation, and the last PAC is a result of a latest configuration taking effect.

11. The method of any of claims 1 to 10, wherein the configuration message is a radio resource control (RRC) reconfiguration message or an RRC connection reconfiguration message.

12. The method of any of claims 1 to 11, wherein recording the report of successful PAC comprises:

recording the report of successful PAC in a storage variable.

13. The method of claim 12, wherein the storage variable comprises a plurality of items, and each item comprises a corresponding cause value.

14. The method of any of claims 1 to 11, further comprising:

deleting the trigger condition configuration before executing the last PAC.

15. A method for recording a report of success primary secondary cell (PSCell) addition or

change (PAC), performed by a network device, comprising:

sending, (601), a configuration message to a terminal, wherein the configuration message comprises a trigger condition configuration, and the trigger condition configuration indicates the terminal to record the report of successful PAC after the terminal meets the trigger condition configuration;

wherein the trigger condition configuration comprises: a first threshold corresponding to a first timer of a current PSCell or a second threshold corresponding to a second timer of a current PSCell, and a first configuration value of a configured PSCell or a second configuration value of a configured PSCell;

the trigger condition configuration is met in any one case of:

a ratio of an elapsed time of the first timer to the first configuration value of the configured PSCell being greater than the first threshold; or

a ratio of an elapsed time of the second timer to a second configuration value of the configured PSCell being greater than the second threshold.

16. The method of claim 15, wherein the trigger condition configuration comprises a third threshold corresponding to a third timer associated with a measurement identity of a target PSCell,

wherein the trigger condition configuration further comprises a third configuration value of a configured PSCell.

17. The method of claim 15, wherein the configuration message is a radio resource control (RRC) reconfiguration message or an RRC connection reconfiguration message.

18. A terminal, comprising a processor and a memory, wherein the memory has a computer program stored thereon, and the processor is configured to execute the computer program stored in the memory to cause the terminal to execute the method according to any one of claims 1 to 14.

19. A network device, comprising a processor and a memory, wherein the memory has a computer program stored thereon, and the processor is configured to execute the computer program stored in the memory to cause the network device to execute the method according to any one of claims 15 to 17.