CLAIMS

1. A timer processing method, the method being performed by a terminal and comprising:

in response to determining that a timer is running during global navigation satellite system (GNSS) measurement, performing a first operation on the timer, wherein the timer is related to radio link monitoring, and the first operation comprises a stop operation or a pause operation.

2. The method according to claim 1, wherein the timer comprises a timer T310 and a timer T312; and

performing the first operation on the timer comprises:

performing the stop operation or the pause operation on the timer T310 and the timer T312.

3. The method according to claim 1, wherein the timer comprises a timer T310 and a timer T312, the first operation further comprises a continuing operation, and performing the first operation on the timer comprises:

performing the continuing operation on the timer T310; and

performing the stop operation or the pause operation on the timer T312.

4. The method according to claim 1, wherein the first operation further comprises a continuing operation, the timer comprises a first-type timer, the first-type timer comprises a timer T310 or a timer T312, and the method further comprises:

in response to determining that the first-type timer expires during the GNSS measurement, prohibiting the terminal from performing a second operation, wherein the second operation comprises initiating radio link failure or initiating radio link reestablishment.

5. The method according to claim 4, further comprising:

in response to determining that the first-type timer expires after ending of the GNSS measurement, performing the second operation.

6. The method according to claim 4, further comprising:

in response to determining that the first-type timer expires after ending of the GNSS measurement, restarting the first-type timer.

7. The method according to claim 4, further comprising:

in response to determining that the first-type timer expires and the terminal has successfully acquired a GNSS position after ending of the GNSS measurement, restarting the first-type timer.

8. The method according to claim 1, wherein the first operation further comprises a continuing operation, the timer comprises a second-type timer, the second-type timer comprises a timer T314 or a timer T315, and the method further comprises:

in response to determining that the second-type timer expires during the GNSS measurement, prohibiting the terminal from reporting a report.

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

in response to determining that the second-type timer expires after ending of the GNSS measurement, reporting the report.

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

in response to determining that the second-type timer expires after ending of the GNSS measurement, restarting the second-type timer.

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

in response to determining that the second-type timer expires and the terminal has successfully acquired a GNSS position after ending of the GNSS measurement, restarting the second-type timer.

12. The method according to claim 1, wherein the timer comprises a timer T310, a timer T312, a timer T314 or a timer T315, and the method further comprises:

in response to determining, after ending of the GNSS measurement, that the timer is paused during the GNSS measurement, resuming the timer; or

in response to determining, after ending of the GNSS measurement, that the timer is stopped during the GNSS measurement, restarting the timer.

13. The method according to claim 1, wherein the timer comprises a timer T310, a timer T312, a timer T314 or a timer T315, and the method further comprises:

in response to determining, after ending of the GNSS measurement, that the terminal has successfully acquired a GNSS position and that the timer is paused during the GNSS measurement, resuming the timer; or

in response to determining, after ending of the GNSS measurement, that the terminal has successfully acquired a GNSS position and that the timer is stopped during the GNSS measurement, restarting the timer.

14. A terminal, comprising:

a processor; and

a memory configured to store instructions executable by the processor;

wherein the processor is configured to perform steps of the method according to any one of claims 1 to 13.

15. A computer-readable storage medium having computer program instructions stored thereon, wherein, when the computer program instructions are executed by a processor, steps of the method according to any one of claims 1 to 13 are implemented.