WHAT IS CLAIMED IS:

1. An information reporting method, the method being performed by a terminal, and the method comprising:

sending first indication information to a base station of a non-terrestrial network (NTN);

wherein the first indication information indicates that the terminal successfully performs or fails to successfully perform a global navigation satellite system (GNSS) measurement; position information of the terminal obtained by performing the GNSS measurement is used for determining compensation information, and the compensation information is used for synchronization compensation of data transmission between the terminal and the base station.

2. The method according to claim 1, wherein the method further comprises one of:

performing the GNSS measurement based on trigger information sent by the base station, to obtain a GNSS measurement result;

performing the GNSS measurement based on measurement configuration information sent by the base station, to obtain a GNSS measurement result; or

performing the GNSS measurement based on predetermined measurement configuration information, obtain a GNSS measurement result.

3. The method according to claim 1, wherein sending the first indication information to the base station of the NTN comprises:

sending the first indication information to the base station through a predetermined resource; or

sending the first indication information to the base station through a resource indicated by second indication information that is received, wherein the second indication information is information sent by the base station to the terminal.

4. The method according to claim 3, wherein the second indication information is trigger information for triggering the terminal to perform the GNSS measurement.

5. The method according to claim 3, wherein the predetermined resource is a resource determined based on a resource used for the GNSS measurement.

6. The method according to claim 1, wherein in response to that the terminal successfully performs the GNSS measurement, the first indication information indicates a validity duration of the GNSS information.

7. The method according to claim 1, wherein in response to that the terminal successfully performs the GNSS measurement, the first indication information indicates information of a GNSS position fix time duration.

8. The method according to claim 1, wherein in response to that the terminal successfully performs the GNSS measurement, the first indication information indicates at least one of:

information on successful GNSS measurement performed by the terminal; or

information indicating that GNSS assistance information is changed or is not changed; wherein the GNSS assistance information comprises information on a validity duration of the GNSS information and/or a GNSS position fix time duration.

9. The method according to claim 8, wherein in response to that the GNSS assistance information is changed, the method further comprises:

receiving request information sent by the base station for obtaining the GNSS assistance information; and

sending the GNSS assistance information to the base station.

10. The method according to claim 1, wherein the method further comprises:

receiving configuration information sent by the base station;

wherein the configuration information is configured to indicate a mapping relationship between a value of an information field of the first indication information, a GNSS measurement result, and a change result of the GNSS assistance information; and

wherein sending the first indication information to the base station of the non-terrestrial network (NTN) comprises:

sending the first indication information to the base station of the non-terrestrial network (NTN) based on the configuration information.

11. The method according to claim 1, wherein in response to that the terminal fails to successfully perform the GNSS measurement, the first indication information further indicates request information for requesting to obtain GNSS measurement configuration information, and the GNSS measurement configuration information is used for performing the GNSS measurement.

12. An information reporting method, the method being performed by a base station, and the method comprising:

receiving first indication information sent by a terminal accessing a NTN;

wherein the first indication information indicates that the terminal successfully performs or fails to successfully perform a global navigation satellite system (GNSS) measurement; position information of the terminal obtained by performing the GNSS measurement is used for determining compensation information, and the compensation information is used for synchronization compensation of data transmission between the terminal and the base station.

13. The method according to claim 12, wherein receiving the first indication information sent by the terminal accessing the NTN comprises:

receiving, through a predetermined resource, the first indication information sent by the terminal accessing the NTN; or

receiving, through a resource indicated by second indication information, the first indication information sent by the terminal accessing the NTN, wherein the second indication information is information sent by the base station to the terminal,

wherein the second indication information is trigger information for triggering the terminal to perform the GNSS measurement, or

wherein the predetermined resource is a resource determined based on a resource used for the GNSS measurement.

14. The method according to claim 12, wherein in response to that the terminal successfully performs the GNSS measurement, the first indication information indicates a validity duration of the GNSS information, or

wherein in response to that the terminal successfully performs the GNSS measurement, the first indication information indicates information on a GNSS position fix time duration, or

wherein in response to that the terminal successfully performs the GNSS measurement, the first indication information indicates at least one of:

information on successful GNSS measurement performed by the terminal; or

information indicating that GNSS assistance information is changed or is not changed; wherein the GNSS assistance information comprises information on a validity duration of the GNSS information and/or a GNSS position fix time duration.

15. The method according to claim 14, wherein in response to that the GNSS assistance information is changed, the method further comprises:

sending request information for obtaining the GNSS assistance information to the terminal; and

receiving the GNSS assistance information sent by the terminal.

16. The method according to claim 12, wherein the method further comprises:

sending configuration information to the terminal; wherein the configuration information is configured to indicate a mapping relationship between a value of an information field of the first indication information, a GNSS measurement result, and a change result of the GNSS assistance information;

wherein receiving the first indication information sent by the terminal accessing the NTN

comprises:

receiving the first indication information sent by the terminal based on the configuration information.

17. The method according to claim 12, wherein the first indication information further indicates request information for requesting to obtain GNSS measurement configuration information, and the GNSS measurement configuration information is used for performing the GNSS measurement.

18. The method according to claim 12, wherein the method further comprises:

determining, based on the first indication information, that GNSS measurement is successful or unsuccessful.

19. A communication device, comprising:

a processor; and

a memory storing instructions executable by the processor,

wherein the processor is configured to execute the instructions to cause the communication device to perform the method according to any one of claims 1 to 11 or 12 to 18.

20. A computer storage medium storing computer executable instructions, wherein the computer executable instructions, after being executed by a processor, implement the method according to any one of claims 1 to 11 or 12 to 18.