CLAIMS

1. A positioning measurement information reporting method, wherein the method comprises:

determining first positioning measurement information and first information, wherein the first information indicates an association between at least one antenna reference point and at least one sidelink positioning reference signal sent via the at least one antenna reference point, and the at least one antenna reference point is an antenna reference point on a first terminal device; and

sending the first positioning measurement information and the first information.

2. The method according to claim 1, wherein the association between the at least one antenna reference point and the at least one sidelink positioning reference signal sent via the at least one antenna reference point comprises:

an association between an identifier of the at least one antenna reference point and a resource identifier of the at least one sidelink positioning reference signal.

3. The method according to claim 2, wherein the identifier of the at least one antenna reference point and the resource identifier of the at least one sidelink positioning reference signal are comprised in the first information.

4. The method according to claim 1, wherein the association between the at least one antenna reference point and the at least one sidelink positioning reference signal sent via the at least one antenna reference point comprises:

an association between an identifier of the at least one antenna reference point and a timestamp of the at least one sidelink positioning reference signal.

5. The method according to claim 4, wherein the timestamp of the at least one sidelink positioning reference signal and the identifier of the at least one antenna reference point are comprised in the first information.

6. The method according to either claim 4 or 5, wherein the timestamp of the at least one sidelink positioning reference signal is indication information of a time domain unit in which the at least one sidelink positioning reference signal is located.

7. The method according to any one of claims 1 to 6, wherein the determining the first positioning measurement information and the first information comprises:

determining the first information before a second sidelink positioning reference signal is received from a second terminal device; and

determining the first positioning measurement information after the second sidelink positioning reference signal is received, wherein the first positioning measurement information is obtained by measuring the second sidelink positioning reference signal; and

the sending the first positioning measurement information and the first information comprises:

sending the first information before sending the first positioning measurement information.

8. The method according to any one of claims 1 to 6, wherein the sending the first positioning measurement information and the first information comprises:

sending a first positioning measurement report, wherein the first positioning measurement report comprises the first positioning measurement information and the first information.

9. A positioning measurement information reporting method, wherein the method comprises:

receiving first positioning measurement information and first information from a first terminal device, wherein the first information indicates an association between at least one antenna reference point and at least one sidelink positioning reference signal sent via the at least one antenna reference point, and the at least one antenna reference point is an antenna reference point on the first terminal device; and

performing positioning based on the first positioning measurement information and the first information.

10. The method according to claim 9, wherein the association between the at least one antenna reference point and the at least one sidelink positioning reference signal sent via the at least one antenna reference point comprises:

an association between an identifier of the at least one antenna reference point and a resource identifier of the at least one sidelink positioning reference signal.

11. The method according to claim 10, wherein the identifier of the at least one antenna reference point and the resource identifier of the at least one sidelink positioning reference signal are comprised in the first information.

12. The method according to claim 9, wherein the association between the at least one antenna reference point and the at least one sidelink positioning reference signal sent via the at least one antenna reference point comprises:

an association between an identifier of the at least one antenna reference point and a timestamp of the at least one sidelink positioning reference signal.

13. The method according to claim 12, wherein the timestamp of the at least one sidelink positioning reference signal and the identifier of the at least one antenna reference point are comprised in the first information.

14. A communication apparatus, comprising a processor and an interface circuit, wherein the interface circuit is configured to: receive a signal from a communication apparatus other than the communication apparatus and transmit the signal to the processor, or send a signal from the processor to a communication apparatus other than the communication apparatus; and the

processor is configured to implement the method according to any one of claims 1 to 8, or the method according to any one of claims 9 to 13 through a logic circuit or by executing code instructions.

15. A computer-readable storage medium, wherein the storage medium stores a computer program or instructions, and when the computer program or the instructions are executed by a communication apparatus, the method according to any one of claims 1 to 8 is implemented, or the method according to any one of claims 9 to 13 is implemented.