WHAT IS CLAIMED IS:

1. An assistant information sending method, applicable to first user equipment (UE), and comprising:

sending first assistant information to second user equipment (UE), wherein the first assistant information indicates to the second UE first system information required by the first UE,

wherein sending the first assistant information to the second UE comprises:

after selecting or reselecting the second UE as relay UE, sending the first assistant information to the second UE in response to not yet sending the first assistant information to the second UE.

2. The assistant information sending method according to claim 1, wherein sending the first assistant information to the second UE comprises:

sending the first assistant information to the second UE in response to a change in a type of the required first system information.

3. The assistant information sending method according to any one of claims 1-2, wherein the first assistant information carries a request identifier, configured to instruct the second UE to send a latest version of system information corresponding to the request identifier to the first UE.

4. An assistant information receiving method, applicable to second UE, and comprising:

receiving first assistant information sent by first UE; and

determining first system information required by the first UE according to the first assistant information,

wherein after the second UE is selected or reselected as relay UE, the first assistant information is sent to the second UE in response to the first assistant information being not yet sent to the second UE.

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

acquiring updated first system information in response to an update of the first system information; and

sending the updated first system information to the first UE.

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

obtaining a latest version of system information corresponding to a request identifier, in response to that the first assistant information carries the request identifier; and

sending the latest version of system information corresponding to the request identifier to the

first UE.

7. The assistant information receiving method according to any one of claims 4-6, further comprising:

sending second assistant information to a network-side apparatus, wherein the second assistant information indicates to the network-side apparatus the first system information required by the first UE.

8. The assistant information receiving method according to claim 7, wherein the second assistant information further indicates a UE identifier of the first UE.

9. The assistant information receiving method according to any one of claims 4-6, further comprising:

receiving third assistant information sent by the network-side apparatus; and

determining second system information required by third UE according to the third assistant information.

10. The assistant information receiving method according to claim 9, further comprising:

in response to being selected or reselected as relay UE by the third UE, acquiring updated second system information when determining that the second system information is updated; and

sending the updated second system information to the third UE.

11. An assistant information receiving method, applicable to a network-side apparatus, and comprising:

receiving second assistant information sent by second UE; and

determining first system information required by first UE according to the second assistant information,

wherein the first system information is indicated to the second UE by first assistant information, and after the second UE is selected or reselected as relay UE, the first assistant information is sent to the second UE in response to the first assistant information being not yet sent to the second UE.

12. The assistant information receiving method according to claim 11, further comprising:

broadcasting the first system information, in response to not yet broadcasting the first system information.

13. The assistant information receiving method according to claim 11, further comprising:

sending third assistant information to other UE in response to determining that the first UE selects or reselects the other UE as relay UE, wherein the third assistant information indicates to the other UE the first system information required by the first UE.

14. A communication apparatus, comprising:

a processor; and

a memory configured to store a computer program executable by the processor,

wherein the processor is configured to perform the assistant information sending method according to any one of claims 1 to 3 and/or the assistant information receiving method according to any one of claims 4 to 10.

15. A communication apparatus, comprising:

a processor; and

a memory configured to store a computer program executable by the processor,

wherein the processor is configured to perform the assistant information receiving method according to any one of claims 11 to 13.

16. A computer-readable storage medium, having stored therein a computer program that, when executed by a processor, causes the processor to perform the assistant information sending method according to any one of claims 1 to 3 and/or the assistant information receiving method according to any one of claims 4 to 10.

17. A computer-readable storage medium, having stored therein a computer program that, when executed by a processor, causes the processor to perform the assistant information receiving method according to any one of claims 11 to 13.