WHAT IS CLAIMED IS:

1. A method for transmitting system information, comprising:

dividing, by a network device, target system information into a plurality of segments; and

sending, by the network device, the plurality of segments to a terminal device.

2. The method of claim 1, wherein the target system information comprises configuration information of a tracking reference signal (TRS) or a channel state information-reference signal (CSI-RS).

3. The method of claim 1, wherein sending, by the network device, the plurality of segments to the terminal device comprises:

carrying, by the network device, the plurality of segments in system information block segments (SIB-segments) or system information blocks (SIBs) for sending, wherein one segment corresponds to one SIB-segment or one SIB;

wherein carrying, by the network device, the plurality of segments in the SIBs or the SIB-segments for sending comprises:

sending sequentially, by the network device, the plurality of segments in an order of SIB-segments or SIBs.

4. The method of any one of claims 1 to 3, further comprising one of:

sending, by the network device, segment indication information to the terminal device, wherein the segment indication information is configured to indicate segment information of the target system information; or

indicating, by the network device, a segment combination manner of the target system information to the terminal device, wherein the segment combination manner comprises a manner of combining all segments to form the target system information or a manner of combining a part of segments to form the target system information.

5. The method of any one of claims 1 to 4, further comprising one of:

sending, by the network device, scheduling information of a plurality of system information block segments (SIB-segments) or system information blocks (SIBs) to the terminal device; wherein the plurality of SIB-segments or SIBs carry the plurality of segments, and the scheduling information is used for instructing the terminal device to combine the plurality of segments to form the target system information; or

indicating, by the network device, a first duration to the terminal device, wherein the first duration is an available duration for the terminal device to receive the segments of the target system information.

6. The method of any one of claims 1 to 5, further comprising:

configuring, by the network device, at least one value tag of at least one system information block (SIB) for the terminal device, wherein the at least one value tag is used for instructing the terminal device to update the at least one SIB;

wherein in response to configuring, by the network device, value tags of a plurality of SIBs for the terminal device, the value tags of the plurality of SIBs are the same.

7. A method for transmitting system information, comprising:

obtaining, by a terminal device, at least one segment from a network device, wherein the at least one segment is associated with target system information; and

obtaining, by the terminal device, the target system information based on the at least one segment.

8. The method of claim 7, wherein the target system information comprises configuration information of a tracking reference signal (TRS) or a channel state information-reference signal (CSI-RS).

9. The method of claim 7 or 8, wherein obtaining, by the terminal device, the at least one segment from the network device comprises:

receiving, by the terminal device, at least one segment carried in at least one system information block segment (SIB-segment) or at least one system information block (SIB), wherein one segment corresponds to one SIB-segment or one SIB.

10. The method of claim 9, wherein an order of the at least one segment is consistent with an order of the at least one SIB-segment or SIB.

11. The method of any one of claims 7 to 10, further comprising:

receiving, by the terminal device, segment indication information from the network device, wherein the segment indication information is configured to indicate segment information of the target system information.

12. The method of any one of claims 7 to 11, further comprising:

receiving, by the terminal device, scheduling information of a plurality of system information

block segments (SIB-segments) or system information blocks (SIBs) from the network device; and

combining, by the terminal device, segments carried by the plurality of SIB-segments or SIBs to form the target system information.

13. The method of any one of claims 7 to 12, further comprising:

determining, by the terminal device, a segment combination manner of the target system information, wherein the segment combination manner comprises a manner of combining all segments to form the target system information or a manner of combining a part of segments to form the target system information.

14. The method of claim 13, wherein in response to the terminal device determining to adopt the manner of combining all segments to form the target system information, the method further comprises: determining, by the terminal device, that a current segment is a last one of segments of the target system information; and wherein obtaining, by the terminal device, the target system information based on the at least one segment comprises: combining, by the terminal device, the at least one segment to form the target system information.

15. The method of claim 13 or 14, further comprising:

determining, by the terminal device, that a current segment is not the last one of segments of the target system information; and

saving, by the terminal device, the current segment and waiting to receive a next segment.

16. The method of claim 13, wherein in response to the terminal device determining to adopt the manner of combining all segments to form the target system information, obtaining, by the terminal device, the target system information based on the at least one segment comprises:

receiving, by the terminal device, the at least one segment within a first duration, wherein the first duration is an available duration for the terminal device to receive segments of the target system information; and

in response to the first duration expiring, determining, by the terminal device, that the at least one segment is not all segments of the target system information, and discarding the at least one segment.

17. The method of claim 16, further comprising:

in response to the first duration expiring, determining, by the terminal device, that the at least

one segment is all segments of the target system information, and combining the at least one segment to form the target system information.

18. The method of claim 13, wherein in response to the terminal device determining to adopt the manner of combining a part of segments to form the target system information, obtaining, by the terminal device, the target system information based on the at least one segment comprises:

receiving, by the terminal device, the at least one segment within a first duration, wherein the first duration is an available duration for the terminal device to receive segments of the target system information; and

in response to the first duration expiring, combining, by the terminal device, the at least one segment to form the target system information.

19. A communication device, comprising:

an antenna;

a memory; and

a processor, connected to the antenna and memory respectively and configured to execute a computer executable instruction stored on the memory to control a transmission and a reception of the antenna, and being able to perform the method for transmitting system information of any one of claims 1 to 6 or claims 7 to 18.

20. A computer storage medium, having a computer executable instruction stored thereon, wherein when the instruction is executed by a processor, the method for transmitting system information of any one of claims 1 to 6 or claims 7 to 18 is performed.