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, wherein the target system information comprises configuration information of a tracking reference signal (TRS); and

sending, by the network device, the plurality of segments carried in one system information block (SIB), to a terminal device through broadcasting, wherein the SIB comprises a plurality of SIB-segments, one segment is carried in one SIB-segment;

wherein the target system information of the tracking reference signal can be carried in different SIBs when sending to the terminal device.

2. The method of claim 1, wherein sending, by the network device, the plurality of segments to the terminal device carried in one SIB comprises:

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

3. The method of claim 1 or 2, further comprising:

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.

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

sending, by the network device, scheduling information of the SIB to the terminal device; 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.

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

6. A method for transmitting system information, comprising:

obtaining, by a terminal device, a plurality of segments from a network device, wherein the plurality of segments are associated with target system information, the target system information comprises configuration information of a tracking reference signal (TRS), the plurality of segments are carried in one system information block (SIB) for sending through broadcasting, the SIB comprises a plurality of SIB-segments, one segment is carried in one SIB-segment, and the target system information of the tracking reference signal can be carried in different SIBs when sending to the terminal device; and

obtaining, by the terminal device, the target system information by combining the plurality of segments.

7. The method of claim 6, 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.

8. The method of claim 6 or 7, further comprising:

receiving, by the terminal device, scheduling information of the SIB from the network device; and

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

9. The method of claim 6, wherein in response to the terminal device determining to adopt a 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 by combining the plurality of segments comprises: combining, by the terminal device, the plurality of segments to form the target system information.

10. The method of claim 9, 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.

11. The method of claim 6, wherein in response to the terminal device determining to adopt a manner of combining all segments to form the target system information, obtaining, by the

terminal device, the target system information by combining the plurality of segments comprises:

receiving, by the terminal device, the plurality of segments 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 plurality of segments are not all segments of the target system information, and discarding the plurality of segments.

12. The method of claim 11, further comprising:

in response to the first duration expiring, determining, by the terminal device, that the plurality of segments are all segments of the target system information, and combining the plurality of segments to form the target system information.

13. 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 5 or claims 6 to 12.

14. 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 5 or claims 6 to 12 is performed.