

Claims

1. A method for transmitting information, comprising:

sending, by a network device, first configuration information to a terminal device through a first control channel in a resource for which a first numerology is used, the first configuration information is used for indicating configuration in a resource for which a second numerology is used, and the first numerology is different from the second numerology; wherein the first configuration information is used for indicating the configuration in the resource for which the second numerology is used comprises that, the first configuration information is used for indicating slot structure information in the resource for which the second numerology is used; wherein the first configuration information comprises structure information of a time-domain scheduling element in a resource of the second numerology.

2. The method according to claim 1, wherein the first configuration information further comprises a serial number information of a time-domain scheduling element where a second control channel is located and information of a numerology used for the second control channel, wherein the second control channel is specific control channel of the terminal device.

3. The method according to any one of claims 1 to 2, wherein the first control channel carries indication information for indicating a serial number of a time-domain scheduling element corresponding to the first configuration information.

4. The method according to any one of claims 2 to 3, wherein the time-domain scheduling element comprises a time slot, a mini-slot, or a subframe.

5. The method according to any one of claims 1 to 4, wherein the numerology comprises at least one of following parameters:

a subcarrier spacing, a width of a frequency-domain scheduling element, a length of an orthogonal frequency division multiplexing (OFDM) symbol, a length of a minimum time-domain scheduling element, and a length of a cyclic prefix (CP).

6. The method according to any one of claims 1 to 5, wherein the first control channel is a common control channel.

7. A method for transmitting information, comprising:

receiving, by a terminal device, first configuration information sent by a network device through a first control channel in a resource for which a first numerology is used, the first configuration information is used for the network device to indicate configuration in a resource for which a second numerology is used, and the first numerology is different from the second numerology; wherein the first configuration information is used for the network device to indicate the configuration in the resource for which the second numerology is used comprises that, the first configuration information is used for indicating slot structure information; wherein the first configuration information comprises structure information of a time-domain scheduling element in a resource of the second numerology.

8. The method according to claim 7, wherein the first configuration information further comprises a serial number information of a time-domain scheduling element where a second control channel is located and information of a numerology used for the second control channel, wherein the second control channel is specific control channel of the terminal device.

9. The method according to any one of claims 7 to 8, wherein the first control channel carries indication information for indicating a serial number of a time-domain scheduling element corresponding to the first configuration information.

10. The method according to any one of claims 7 to 9, wherein the time-domain scheduling element comprises a time slot, a mini-slot, or a subframe.

11. The method according to any one of claims 7 to 10, wherein the numerology comprises at least one of following parameters:

a subcarrier spacing, a width of a minimum frequency-domain scheduling element, a length of an orthogonal frequency division multiplexing (OFDM) symbol, a length of a minimum time-domain scheduling element, and a length of a cyclic prefix (CP).

12. The method according to any one of claims 7 to 11, wherein the first control channel is a common control channel.

13. A network device, comprising:

a sending module, used for sending first configuration information to a terminal device through a first control channel in a resource for which a first numerology is used, the first

configuration information is used for indicating configuration in a resource for which a second numerology is used, and the first numerology is different from the second numerology; wherein the first configuration information is used for indicating the configuration in the resource for which the second numerology is used comprises that, the first configuration information is used
 5 for indicating slot structure information in the resource for which the second numerology is used; wherein the first configuration information comprises: structure information of a time-domain scheduling element in a resource of the second numerology.

14. The network device according to claim 13, wherein the first configuration information further comprises a serial number information of a time-domain scheduling element where a
 10 second control channel is located and information of a numerology used for the second control channel, wherein the second control channel is specific control channel of the terminal device.

15. The network device according to any one of claims 13 to 14, wherein the first control channel carries indication information for indicating a serial number of a time-domain scheduling element corresponding to the first configuration information.

15 16. The network device according to any one of claims 13 to 15, wherein the time-domain scheduling element comprises a time slot, a mini-slot, or a subframe.

17. The network device according to any of claims 13 to 16, wherein the numerology comprises at least one of following parameters:

20 a subcarrier spacing, a width of a frequency-domain scheduling element, a length of an orthogonal frequency division multiplexing (OFDM) symbol, a length of a minimum time-domain scheduling element, and a length of a cyclic prefix (CP).

18. The network device according to any one of claims 13 to 17, wherein the first control channel is a common control channel.

19. A terminal device, comprising:

25 a receiving module, used for receiving first configuration information sent by a network device through a first control channel in a resource for which a first numerology is used, the first configuration information is used for the network device to indicate configuration in a resource for which a second numerology is used, and the first numerology is different from the

second numerology; wherein the first configuration information is used for the network device to indicate the configuration in the resource for which the second numerology is used comprises that, the first configuration information is used for indicating slot structure information in the resource for which the second numerology is used; wherein the first configuration information
 5 comprises structure information of a time-domain scheduling element in a resource of the second numerology.

20. The terminal device according to claim 19, wherein the first configuration information further comprises a serial number information of a time-domain scheduling element where a second control channel is located and information of a numerology used for the second control
 10 channel, wherein the second control channel is specific control channel of the terminal device.

21. The terminal device according to any one of claims 19 to 20, wherein the first control channel carries indication information for indicating a serial number of a time-domain scheduling element corresponding to the first configuration information.

22. The terminal device according to any one of claims 19 to 21, wherein the time-domain
 15 scheduling element comprises a time slot, a mini-slot, or a subframe.

23. The terminal device according to any one of claims 19 to 22, wherein the numerology comprises at least one of following parameters:

a subcarrier spacing, a width of a minimum frequency-domain scheduling element, a length of an orthogonal frequency division multiplexing (OFDM) symbol, a length of a
 20 minimum time-domain scheduling element, and a length of a cyclic prefix (CP).

24. The terminal device according to any one of claims 19 to 23, wherein the first control channel is a common control channel.