

WHAT IS CLAIMED IS:

1. A method of transmitting data, comprising:

receiving, by a terminal device, first resource indication information from a network device at a first moment, the first moment being located in the n -th time domain resource unit, the first resource indication information indicating a frequency domain resource allocated for transmission of a target channel in the $(n+i)$ -th time domain resource unit, and the target channel comprising a data channel or a control channel of the terminal device, where n and i are positive integers; and

receiving, by the terminal device, second resource indication information from the network device at a second moment after the first moment, the second resource indication information indicating a time domain resource allocated for transmission of the target channel in the $(n+i)$ -th time domain resource unit,

wherein the time domain resource allocated for transmission of the target channel in the $(n+i)$ -th time domain resource unit is determined by the network device after the first moment.

2. The method according to claim 1, further comprising:

sending, by the terminal device, the target channel to the network device, or receiving, by the terminal device, the target channel from the network device, on the frequency domain resource and the time domain resource in the $(n+i)$ -th time domain resource unit.

3. The method according to claim 1 or 2, wherein the time domain resource indicated by the second resource indication information comprises at least one of:

a start location of symbols allocated for transmission of the target channel in the $(n+i)$ -th time domain resource unit, a number of symbols allocated for transmission of the target channel, a mini-slot allocated for transmission of the target channel, and a number of mini-slots allocated for transmission of the target channel.

4. The method according to claim 1 or 2, wherein the second resource indication information comprises an identifier of the time domain resource, and the time domain resource indicated by the second resource indication information is a time domain resource corresponding to the identifier in a plurality of preset time domain resources.

5. The method according to any one of claims 1 to 4, wherein the first resource indication information further indicates a time domain resource allocated for transmission of the target channel in the (n+i)-th time domain resource unit.

6. The method according to claim 5, further comprising:

determining, by the terminal device, whether the time domain resource indicated by the first resource indication information is the same as the time domain resource indicated by the second resource indication information; and

when the time domain resource indicated by the first resource indication information is different from the time domain resource indicated by the second resource indication information, determining, by the terminal device, to use the time domain resource indicated by the second resource indication information to transmit the target channel.

7. The method according to claim 5, further comprising:

determining, by the terminal device, the time domain resource allocated for transmission of the target channel according to the second resource indication information, within a range of time domain resources indicated by the first resource indication information.

8. The method according to any one of claims 1 to 7, wherein receiving, by the terminal device, second resource indication information from the network device at a second moment after the first moment comprises:

receiving, by the terminal device, second resource indication information from the network device at a second moment after the first moment on a preset frequency domain resource.

9. The method according to claim 8, wherein the first resource indication information comprises the second moment and the preset frequency domain resource for receiving the second resource indication information, and before the terminal device receives the second resource indication information from the network device, the method further comprises:

determining, by the terminal device, the second moment and the preset frequency domain resource for receiving the second resource indication information according to the first resource indication information.

10. The method according to any one of claims 1 to 9, wherein the second resource

indication information is UE specific information of the terminal device.

11. The method according to any one of claims 1 to 10, wherein the n -th time domain resource unit comprises any one of:

an n -th time slot, an n -th mini-slot, and an n -th subframe.

12. The method according to any one of claims 1 to 11, wherein the physical channel used by the terminal device to receive the first resource indication information is different from the physical channel used to receive the second resource indication information.

13. The method according to any one of claims 1 to 12, wherein the data channel comprises any one of:

an uplink data channel, a downlink data channel, and a secondary link data channel.

14. A terminal device, comprising:

a receiving unit configured to receive first resource indication information from a network device at a first moment, the first moment being located in the n -th time domain resource unit, the first resource indication information indicating a frequency domain resource allocated for transmission of a target channel in the $(n+i)$ -th time domain resource unit, and the target channel comprising a data channel or a control channel of the terminal device, where n and i are positive integers;

wherein the receiving unit further configured to receive second resource indication information from the network device at a second moment after the first moment, the second resource indication information indicating a time domain resource allocated for transmission of the target channel in the $(n+i)$ -th time domain resource unit,

wherein the time domain resource allocated for transmission of the target channel in the $(n+i)$ -th time domain resource unit is determined by the network device after the first moment.

15. The terminal device according to claim 14, wherein the terminal device further comprises:

a sending unit configured to send the target channel to the network device on the frequency domain resource and the time domain resource in the $(n+i)$ -th time domain resource unit, and

the receiving unit is further configured to receive the target channel from the network

device, on the frequency domain resource and the time domain resource in the (n+i)-th time domain resource unit.

16. The terminal device according to claim 14 or 15, wherein the time domain resource indicated by the second resource indication information comprises at least one of:

a start location of symbols allocated for transmission of the target channel in the (n+i)-th time domain resource unit, a number of symbols allocated for transmission of the target channel, a mini-slot allocated for transmission of the target channel, and a number of mini-slots allocated for transmission of the target channel.

17. The terminal device according to claim 14 or 15, wherein the second resource indication information comprises an identifier of the time domain resource, and the time domain resource indicated by the second resource indication information is a time domain resource corresponding to the identifier in a plurality of preset time domain resources.

18. The terminal device according to any one of claims 14 to 17, wherein the first resource indication information further indicates a time domain resource allocated for transmission of the target channel in the (n+i)-th time domain resource unit.

19. The terminal device according to claim 18, wherein the terminal device further comprises a determining unit, configured to determine whether the time domain resource indicated by the first resource indication information is the same as the time domain resource indicated by the second resource indication information; and

when the time domain resource indicated by the first resource indication information is different from the time domain resource indicated by the second resource indication information, determine to use the time domain resource indicated by the second resource indication information to transmit the target channel.

20. The terminal device according to claim 18, wherein the terminal device further comprises a determining unit configured to

determine the time domain resource allocated for transmission of the target channel according to the second resource indication information, within a range of time domain resources indicated by the first resource indication information.

21. The terminal device according to any one of claims 14 to 20, wherein the receiving unit is specifically configured to

receive the second resource indication information from the network device at a second moment after the first moment on a preset frequency domain resource.

22. The terminal device according to claim 21, wherein the first resource indication information comprises the second moment and the preset frequency domain resource for receiving the second resource indication information, and the determining unit is further configured to,

before the receiving unit receives the second resource indication information from the network device, determine the second moment and the preset frequency domain resource for receiving the second resource indication information according to the first resource indication information.

23. The terminal device according to any one of claims 14 to 23, wherein the second resource indication information is UE specific information of the terminal device.

24. The terminal device according to any one of claims 14 to 24, wherein the n-th time domain resource unit comprises any one of:

an n-th time slot, an n-th mini-slot, and an n-th subframe.

25. The terminal device according to any one of claims 14 to 24, wherein the physical channel used by the receiving unit to receive the first resource indication information is different from the physical channel used to receive the second resource indication information.

26. The terminal device according to any one of claims 14 to 25, wherein the data channel comprises any one of:

an uplink data channel, a downlink data channel, and a secondary link data channel.