

receiving, by the terminal, second indication information transmitted by the network device, wherein the second indication information is used to indicate time domain resource information and/or frequency domain resource information of the at least one downlink control channel, and the time domain resource information comprises at least one piece of the following information of the at least one downlink control channel: a time slot, a minislot, a starting symbol, a time domain length, a time domain density, and a transmission period.

7. A method for transmitting signaling, comprising:

Transmitting, by a network device, a first downlink control channel of a group of downlink control channels, wherein the first downlink control channel carries first indication information, the first indication information is used to indicate at least one piece of time domain resource information of the at least one downlink control channel of the group of downlink control channels, and the group of downlink control channels is used for a group of terminals in a cell.

8. A terminal, comprising: a processing unit and a communication unit, wherein

the processing unit is configured to receive, via the communication unit, a first downlink control channel of a group of downlink control channels transmitted by a network device, the first downlink control channel carries first indication information, the first indication information is used to indicate at least one piece of time domain resource information of the at least one downlink control channel of the group of downlink control channels, and the group of downlink control channels is used for a group of terminals in a cell.

9. The terminal according to claim 8, wherein the time domain resource information comprises at least one piece of the following information of the downlink control channel: a time slot, a minislot, a starting symbol, a time domain length, a time domain density, and a transmission period.

10. The terminal according to claim 8 or 9, wherein the group of downlink control channels is an  $n$ th group of downlink control channels of  $N$  groups of downlink control channels that are transmitted by the network device alternately, and the  $N$  groups of downlink control channels are used for  $N$  groups of terminals in the cell, where  $n$  is a positive integer less than or equal to  $N$ , and  $N$  is a positive integer.

11. The terminal according to claim 10, wherein the  $N$  groups of downlink control channels are downlink control channels for  $N$  groups of beams of the cell.

12. The terminal according to any one of claims 8 to 11, wherein the first indication information is further used to indicate at least one piece of frequency domain resource information of the downlink control channel.

13. The terminal according to any one of claims 8-12, wherein before the processing unit receives, via the communication unit, the first downlink control channel of the group of downlink control channels transmitted by the network device, the processing unit is further configured to:

receive second indication information transmitted by the network device via the communication unit, wherein the second indication information is used to indicate time domain resource information and/or frequency domain resource information of the at least one downlink control channel, and the time domain resource information comprises at least one piece of the following information of the at least one downlink control channel: a time slot, a minislot, a starting symbol, a time domain length, a time domain density, and a transmission period.

14. A network device, comprising: a processing unit and a communication unit, wherein

the processing unit is configured to transmit, via the communications unit, a first downlink control channel of a group of downlink control channels, the first downlink control

channel carries first indication information, the first indication information is used to indicate at least one piece of time domain resource information of the at least one downlink control channel of the group of downlink control channels, and the group of downlink control channels is used for a group of terminals in a cell.

15. The network device according to claim 14, wherein the time domain resource information comprises at least one piece of the following information of the downlink control channel: a time slot, a minislot, a starting symbol, a time domain length, a time domain density, and a transmission period.

16. The network device according to claim 14 or 15, wherein the group of downlink control channels is an  $n$ th group of downlink control channels of  $N$  groups of downlink control channels that are transmitted by the network device alternately, and the  $N$  groups of downlink control channels are used for  $N$  groups of terminals in the cell, where  $n$  is a positive integer less than or equal to  $N$ , and  $N$  is a positive integer.

17. The network device according to claim 16, wherein the  $N$  groups of downlink control channels are downlink control channels for  $N$  groups of beams of the cell.

18. The network device according to any one of claims 14 to 17, wherein the first indication information is further used to indicate at least one piece of frequency domain resource information of the downlink control channel.

19. A terminal, comprising: a processor, a memory, and a transceiver, the processor being communicatively coupled to the memory and the transceiver;

wherein the memory stores program codes and data, and the processor is configured to invoke the program codes and the data to perform the method according to any of claims 1-6.

20. A network device, comprising: a processor, a memory, and a transceiver, the processor being communicatively coupled to the memory and the transceiver;

wherein the memory stores program codes and data, and the processor is configured to

invoke the program codes and the data to perform the method according to claim 7.