

What is claimed is:

1. A method for determining uplink control channel resources, comprising:

determining (102), by a terminal, a first quantity of resources according to a target code rate and a quantity N of bits of uplink control information to be transmitted;

5 when the first quantity of resources is less than or equal to a quantity of preconfigured resources, transmitting (104), by the terminal, the uplink control information by using the first quantity of resources;

 when the first quantity of resources is greater than the quantity of the preconfigured resources,

10 calculating, by the terminal, a second quantity of bits of uplink control information according to the target code rate and the quantity of the preconfigured resources;

 performing signaling compression on the uplink control information to be transmitted, and obtaining new uplink control information to be transmitted, wherein a quantity of bits of the new uplink control information to be transmitted is less than or equal to the second quantity of
15 bits of uplink control information; and

 transmitting (104), by the terminal, the new uplink control information by using the quantity of preconfigured resources.

2. The method for determining uplink control channel resources according to claim 1, wherein the target code rate is configured by a network side device.

20 3. The method for determining uplink control channel resources according to claim 1, wherein the quantity of the preconfigured resources and the first quantity of resources comprise:

 a quantity of frequency domain resource blocks occupied by an uplink control channel.

4. The method for determining uplink control channel resources according to claim 1,
25 wherein the quantity of the preconfigured resources is determined by one of the following manners:

 indicating through a higher layer signaling; or

 preconfiguring at least one available resource through a higher layer signaling, and indicating one of the at least one available resource through downlink control information.

30 5. The method for determining uplink control channel resources according to claim 1,

wherein the terminal transmits (104) the uplink control information by using first Q resources of the preconfigured resources, and the Q is the first quantity of resources.

6. A terminal, comprising a processor and a memory, wherein the memory is configured to store a computer program and the processor is configured to call and execute the computer
5 program stored in the memory to perform the method according to any one of claims 1-5.

7. A method for determining uplink control channel resources, comprising:

determining (202), by a network side device, a first quantity of resources according to a target code rate and a quantity N of bits of uplink control information to be received;

when the first quantity of resources is less than or equal to a quantity of preconfigured
10 resources, receiving (204), by the network side device, the uplink control information by using the first quantity of resources;

when the first quantity of resources is greater than the quantity of the preconfigured resources,

receiving (204), by the network side device, new uplink control information by using the
15 quantity of preconfigured resources, wherein the new uplink control information to be received is generated by signaling compression on the uplink control information to be received, and the quantity of bits of the new uplink control information to be received is less than or equal to a second quantity of bits of uplink control information which is calculated according to the target code rate and the quantity of the preconfigured resources.

20 8. The method for determining uplink control channel resources according to claim 7,

wherein the network side device receives (204) the uplink control information by using first Q resources of the preconfigured resources, and the Q is the first quantity of resources.