CLAIMS

What is claimed is:

1. A communication method, comprising:

receiving configured grant (CG) information from a network device;

obtaining a configured quantity N of transport blocks (TBs) in a CG periodicity based on the CG information, wherein the configured quantity N of TBs is a maximum quantity of TBs transmittable in the CG periodicity, and N is an integer greater than 1; and

sending, to the network device in the CG periodicity, uplink data corresponding to M TB, wherein M is an integer greater than 0 and less than N, and

sending uplink control information (UCI) to the network device, wherein the UCI comprises information about an active TB bitmap, and a quantity of bits of "0" in the information about the active TB bitmap is equal to a value of M.

2. The method according to claim 1, wherein the CG information comprises information about the configured quantity of TBs; and

the obtaining a configured quantity N of TBs in a CG periodicity based on the CG information comprises:

obtaining the configured quantity N of TBs based on the information about the configured quantity of TBs.

3. The method according to claim 1, wherein the CG information comprises configuration information of repeated transmission and information about a quantity of repeated transmissions; and

the obtaining a configured quantity N of TBs in a CG periodicity based on the CG information comprises:

obtaining the configured quantity N of TBs based on the configuration information of repeated transmission and the information about the quantity of repeated transmissions.

4. The method according to claim 3, wherein the obtaining the configured quantity N of TBs based on the configuration information of repeated transmission and the information about the quantity of repeated transmissions comprises:

when the configuration information of repeated transmission is set to a preset value, obtaining the configured quantity N of TBs based on the information about the quantity of repeated transmissions.

5. The method according to any one of claims 1 to 4, wherein the UCI further comprises one or more of the following: hybrid automatic repeat request (HARQ) information, redundancy version (RV) information, new data indicator (NDI) information, or channel occupancy time (COT)

sharing information.

6. The method according to any one of claims 1 to 5, wherein the sending UCI to the network device comprises:

sending the UCI to the network device in a first time unit, wherein

the first time unit is a time unit corresponding to a 1st TB in the configured N TBs.

7. A communication method, comprising:

sending configured grant (CG) information to a terminal, wherein the CG information is used to configure a configured quantity N of transport blocks (TBs) in a CG periodicity, the configured quantity N of TBs is a maximum quantity of TBs transmittable in the CG periodicity, and N is an integer greater than 1; and

receiving, from the terminal in the CG periodicity, uplink data corresponding to M TB, wherein M is an integer greater than 0 and less than N, and

receiving uplink control information (UCI) from the terminal, wherein the UCI comprises information about an active TB bitmap, and a quantity of bits of "0" in the information about the active TB bitmap is equal to a value of M.

8. The method according to claim 7, wherein the CG information comprises information about the configured quantity of TBs, and the information about the configured quantity of TBs is used to configure the configured quantity N of TBs.

9. The method according to claim 7, wherein the CG information comprises configuration information of repeated transmission and information about a quantity of repeated transmissions, and the configuration information of repeated transmission and the information about the quantity of repeated transmissions are used to configure the configured quantity N of TBs.

10. The method according to claim 9, wherein when the configuration information of repeated transmission is set to a preset value, the information about the quantity of repeated transmissions is used to configure the configured quantity N of TBs.

11. The method according to any one of claims 7 to 10, wherein the UCI further comprises one or more of the following: hybrid automatic repeat request (HARQ) information, redundancy version (RV) information, new data indicator (NDI) information, or channel occupancy time (COT) sharing information.

12. The method according to any one of claims 7 to 11, wherein the receiving UCI from the terminal comprises:

receiving the UCI from the terminal in a first time unit, wherein

the first time unit is a time unit corresponding to a 1st TB in the configured N TBs.

13. A computer-readable storage medium, wherein the computer-readable storage medium stores instructions, and when the instructions are executed, a computer is enabled to perform the

method according to any one of claims 1 to 6, or the computer is enabled to perform the method according to any one of claims 7 to 12.

14. A communication apparatus, comprising a module configured to perform the method according to any one of claims 1 to 6.

15. A communication apparatus, comprising a module configured to perform the method according to any one of claims 7 to 12.

16. A computer program product, comprising computer program code, wherein when the computer program code is run, the method according to any one of claims 1 to 6 is performed, or the method according to any one of claims 7 to 12 is performed.

17. A communication system, comprising a terminal configured to perform the method according to any one of claims 1 to 6, and a radio access network device configured to perform the method according to any one of claims 7 to 12.