

CLAIMS

What is claimed is:

1. A communication method, wherein the method comprises:
determining N opportunities, wherein the N opportunities are within a first time range, and N
5 is a positive integer greater than or equal to 2; and
performing data transmission within two or more of the N opportunities.
2. The method according to claim 1, wherein the method further comprises:
receiving first information, wherein the first information indicates a length of the first time
10 range.
3. The method according to claim 1, wherein
there is an unused opportunity in the N opportunities within the first time range in addition to
the two or more of the N opportunities for data transmission.
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4. The method according to claim 1, wherein
an interval between any two adjacent opportunities in the N opportunities is T1 time units,
and T1 is 0 or a positive number.
- 20 5. The method according to claim 1, wherein
each opportunity in the two or more of the N opportunities carry different TBs.
6. The method according to claim 1, wherein the method further comprises:
receiving second information, wherein the second information indicates the N opportunities;
25 and
the determining N opportunities comprises:
determining the N opportunities based on the second information.
7. The method according to claim 1, wherein
30 feedback information corresponding to two or more TBs transmitted within the two or more
of the N opportunities is separately reported in different HARQ processes; or
feedback information corresponding to two or more TBs transmitted within the two or more
of the N opportunities is reported in the same HARQ process.

8. A communication method, wherein the method comprises:
determining N opportunities, wherein the N opportunities are within a first time range, and N
is a positive integer greater than or equal to 2; and

5 performing data transmission within two or more of the N opportunities.

9. The method according to claim 8, wherein the method further comprises:
sending first information, wherein the first information indicates a length of the first time
range.

10 10. The method according to claim 8, wherein
there is an unused opportunity in the N opportunities within the first time range in addition to
the two or more of the N opportunities for data transmission.

15 11. The method according to claim 8, wherein
an interval between any two adjacent opportunities in the N opportunities is T1 time units,
and T1 is 0 or a positive number.

20 12. The method according to claim 8, wherein
each opportunity in the two or more of the N opportunities carry different TBs.

13. The method according to claim 8, wherein the method further comprises:
sending second information, wherein the second information indicates the N opportunities;
and
25 the determining N opportunities comprises:
determining the N opportunities based on the second information.

14. The method according to claim 8, wherein
feedback information corresponding to two or more TBs transmitted within the two or more
30 of the N opportunities is separately reported in different HARQ processes; or
feedback information corresponding to two or more TBs transmitted within the two or more
of the N opportunities is reported in the same HARQ process.

15. A communication apparatus, comprising:
35 one or more processors; and

at least one memory, wherein the at least one memory stores instructions, and when executing the instructions stored in the memory, the one or more processors executes operations comprising:
determining N opportunities, wherein the N opportunities are within a first time range, and N is a positive integer greater than or equal to 2; and
5 performing data transmission within two or more of the N opportunities.

16. The communication apparatus according to claim 15, wherein the operations further comprising:

10 receiving first information, wherein the first information indicates a length of the first time range.

17. The communication apparatus according to claim 15, wherein there is an unused opportunity in the N opportunities within the first time range in addition to the two or more of the N opportunities for data transmission.

15 18. The communication apparatus according to claim 15, wherein an interval between any two adjacent opportunities in the N opportunities is T1 time units, and T1 is 0 or a positive number.

20 19. The communication apparatus according to claim 15, wherein each opportunity in the two or more of the N opportunities carry different TBs.

20. The communication apparatus according to claim 15, wherein the operations further comprising:

25 receiving second information, wherein the second information indicates the N opportunities; and

the determining N opportunities comprises:

determining the N opportunities based on the second information.

21. The communication apparatus according to claim 15, wherein
30 feedback information corresponding to two or more TBs transmitted within the two or more of the N opportunities is separately reported in different HARQ processes; or

feedback information corresponding to two or more TBs transmitted within the two or more of the N opportunities is reported in the same HARQ process.

35 22. A communication apparatus, comprising:

one or more processors; and
at least one memory, wherein the at least one memory stores instructions, and when executing the instructions stored in the memory, the one or more processors executes operations comprising:
determining N opportunities, wherein the N opportunities are within a first time range, and N
5 is a positive integer greater than or equal to 2; and
performing data transmission within two or more of the N opportunities.

23. The communication apparatus according to claim 22, wherein the operations further comprising:

10 sending first information, wherein the first information indicates a length of the first time range.

24. The communication apparatus according to claim 22, wherein
there is an unused opportunity in the N opportunities within the first time range in addition to
15 the two or more of the N opportunities for data transmission.

25. The communication apparatus according to claim 22, wherein
an interval between any two adjacent opportunities in the N opportunities is T1 time units,
and T1 is 0 or a positive number.

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26. The communication apparatus according to claim 22, wherein
each opportunity in the two or more of the N opportunities carry different TBs.

27. The communication apparatus according to claim 22, wherein the operations further
25 comprising:

sending second information, wherein the second information indicates the N opportunities;
and

the determining N opportunities comprises:

determining the N opportunities based on the second information.

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28. The communication apparatus according to claim 22, wherein
feedback information corresponding to two or more TBs transmitted within the two or more
of the N opportunities is separately reported in different HARQ processes; or

feedback information corresponding to two or more TBs transmitted within the two or more
35 of the N opportunities is reported in the same HARQ process.

29. A communication apparatus, configured to implement the method steps as claimed in any one of claims 1 to 7.

5 30. A communication apparatus, configured to implement the method steps as claimed in any one of claims 8 to 14.

10 31. A communication apparatus, comprising a processor and a communication interface, wherein the communication interface is configured to: receive a signal from a communication apparatus other than the communication apparatus and transmit the signal to the processor, or send a signal from the processor to a communication apparatus other than the communication apparatus; and the processor is configured to implement, by using a logic circuit or executing code instructions, the method according to any one of claims 1 to 7, or 8 to 14.

15 32. A computer-readable storage medium, wherein the computer-readable storage medium stores a computer program, and when the computer program is run, the method according to any one of claims 1 to 7, or 8 to 14 is implemented.

20 33. A computer program product, wherein the computer program product comprises computer program code, and when the computer program code is run, the method according to any one of claims 1 to 7, or 8 to 14 is implemented.