

CLAIMS

What is claimed is:

1. A communication method, comprising:

receiving, by a terminal device, first information from a first cell, wherein the first
5 information comprises first indication information and/or second configuration information, the
first indication information is used to indicate that the second configuration information is the
same as or different from first configuration information, the second configuration information is
configuration information corresponding to a first service in a second cell, and the first
10 configuration information is configuration information corresponding to the first service in the
first cell; and

receiving, by the terminal device based on the first information, data of the first service
provided by the second cell,

wherein the receiving further comprises, when the second configuration information is
different from the first configuration information, and the first information does not comprise the
15 second configuration information, receiving, by the terminal device, the second configuration
information from the second cell, and receiving the data of the first service provided by the second
cell.

2. The method according to claim 1, wherein the first information comprises the first
indication information, and

20 the receiving, by the terminal device based on the first information, data of the first service
provided by the second cell comprises:

when the second configuration information is the same as the first configuration information,
receiving, by the terminal device based on the first configuration information, the data of the first
service provided by the second cell.

25 3. The method according to claim 1 or 2, wherein the first information is carried in
transmission channel information of the first service from the first cell.

4. The method according to claim 3, wherein the first indication information comprises a first
bit string, one bit in the first bit string corresponds to one or more neighboring cells of the first
cell, and the one bit is used to indicate that configuration information corresponding to the first
30 service in the one or more neighboring cells is the same as or different from the first configuration

information.

5. The method according to claim 4, wherein the transmission channel information further comprises second information, the second information is used to indicate M neighboring cells that are in a first neighboring cell and that provide the first service, and the first neighboring cell is a neighboring cell that is of the first cell and that is indicated in control channel information of the first service in the first cell; and

the one bit in the first bit string corresponds to one or more first neighboring cells, and the first neighboring cell comprises the second cell; or

the one bit in the first bit string corresponds to one or more neighboring cells in the M neighboring cells, and the M neighboring cells comprise the second cell.

6. The method according to claim 3, wherein the configuration information corresponding to the first service comprises N pieces of sub-configuration information, the first indication information comprises a second bit string, the second bit string comprises at least one bit field, one bit field corresponds to one or more neighboring cells of the first cell, and one bit in the one bit field is used to indicate that first sub-configuration information in the one or more neighboring cells is the same as or different from first sub-configuration information in the first cell; and

the first sub-configuration information is one of the N pieces of sub-configuration information.

7. The method according to claim 6, wherein the transmission channel information further comprises second information, the second information is used to indicate M neighboring cells that are in a first neighboring cell and that provide the first service, and the first neighboring cell is a neighboring cell that is of the first cell and that is indicated in control channel information of the first service in the first cell; and

the one bit field in the second bit string corresponds to one or more first neighboring cells, and the first neighboring cell comprises the second cell; or

the one bit field in the second bit string corresponds to one or more neighboring cells in the M neighboring cells, and the M neighboring cells comprise the second cell.

8. The method according to claim 3, wherein the transmission channel information comprises neighboring cell information of the first service, the neighboring cell information comprises second cell information, and the first information is carried in the second cell information.

9. The method according to claim 8, wherein the configuration information corresponding to the first service comprises N pieces of sub-configuration information, the first indication

information further comprises N pieces of sub-indication information, the N pieces of sub-indication information correspond to the N pieces of sub-configuration information, and one piece of sub-indication information is used to indicate that first sub-configuration information in the second cell is the same as or different from first sub-configuration information in the first cell; and

the first sub-configuration information is one of the N pieces of sub-configuration information.

10. The method according to any one of claims 1 to 9, wherein the configuration information corresponding to the first service is one or more of the following information:

a first group radio network temporary identifier G-RNTI corresponding to the first service;

scheduling information of a control channel of the first service; and

scheduling information of a transmission channel of the first service.

11. The method according to any one of claims 1 to 10, wherein the terminal device is in an idle state or in an inactive state, and/or the first service is a multimedia broadcast multicast service.

12. A communication method, comprising:

sending first information to a terminal device, wherein the first information comprises first indication information and/or second configuration information, the first indication information is used to indicate that the second configuration information is the same as or different from first configuration information, the second configuration information is configuration information corresponding to a first service in a second cell, and the first configuration information is configuration information corresponding to the first service in a first cell; and

when the second configuration information is different from the first configuration information, and the first information does not comprise the second configuration information, sending the second configuration information to the terminal device, and sending the data of the first service provided by the second cell to the terminal device.

13. The method according to claim 12, wherein the first information is carried in transmission channel information that is of the first service and that is sent to the terminal device.

14. The method according to claim 13, wherein the first indication information comprises a first bit string, one bit in the first bit string corresponds to one or more neighboring cells of the first cell, and the one bit is used to indicate that configuration information corresponding to the first service in the one or more neighboring cells is the same as or different from the first configuration information.

15. The method according to claim 14, wherein the transmission channel information further

comprises second information, the second information is used to indicate M neighboring cells that are in a first neighboring cell and that provide the first service, and the first neighboring cell is a neighboring cell that is of the first cell and that is indicated in control channel information of the first service in the first cell; and

5 the one bit in the first bit string corresponds to one or more first neighboring cells, and the first neighboring cell comprises the second cell; or

 the one bit in the first bit string corresponds to one or more neighboring cells in the M neighboring cells, and the M neighboring cells comprise the second cell.

16. The method according to claim 15, wherein the configuration information corresponding
10 to the first service comprises N pieces of sub-configuration information, the first indication information comprises a second bit string, the second bit string comprises at least one bit field, one bit field corresponds to one or more neighboring cells of the first cell, and one bit in the one bit field is used to indicate that first sub-configuration information in the one or more neighboring cells is the same as or different from first sub-configuration information in the first cell; and

15 the first sub-configuration information is one of the N pieces of sub-configuration information.

17. The method according to claim 16, wherein the transmission channel information further comprises second information, the second information is used to indicate M neighboring cells that are in a first neighboring cell and that provide the first service, and the first neighboring cell is a neighboring cell that is of the first cell and that is indicated in control channel information of the
20 first service in the first cell; and

 the one bit field in the second bit string corresponds to one or more first neighboring cells, and the first neighboring cell comprises the second cell; or

 the one bit field in the second bit string corresponds to one or more neighboring cells in the M neighboring cells, and the M neighboring cells comprise the second cell.

25 18. The method according to claim 13, wherein the transmission channel information comprises neighboring cell information of the first service, the neighboring cell information comprises second cell information, and the first information is carried in the second cell information.

19. The method according to claim 18, wherein the configuration information corresponding
30 to the first service comprises N pieces of sub-configuration information, the first indication information further comprises N pieces of sub-indication information, the N pieces of sub-

indication information correspond to the N pieces of sub-configuration information, and one piece of sub-indication information is used to indicate that first sub-configuration information in the second cell is the same as or different from first sub-configuration information in the first cell; and the first sub-configuration information is one of the N pieces of sub-configuration information.

5 20. The method according to any one of claims 12 to 19, wherein the configuration information corresponding to the first service is one or more of the following information:

 a first group radio network temporary identifier G-RNTI corresponding to the first service;
 scheduling information of a control channel of the first service; and
 scheduling information of a transmission channel of the first service.

10 21. The method according to any one of claims 12 to 20, wherein the terminal device is in an idle state or in an inactive state, and/or the first service is a multimedia broadcast multicast service.

 22. A communication apparatus, comprising at least one processor coupled to a memory, wherein

 the memory is configured to store a program or instructions; and

15 the at least one processor is configured to execute the program or the instructions, so that the apparatus implements the method according to any one of claims 1 to 21.

 23. A computer-readable storage medium, comprising a computer program, wherein when the computer program is executed by one or more processors, an apparatus comprising the processor is enabled to perform the method according to any one of claims 1 to 21.

20 24. A computer program product, wherein the computer program product comprises a computer program; and when the computer program is run, a computer is enabled to perform the method according to any one of claims 1 to 21.

 25. A chip, comprising at least one processor and a communication interface, wherein

 the communication interface is configured to receive a signal input to the chip or a signal
25 output from the chip, and the processor communicates with the communication interface and implements the method according to any one of claims 1 to 21 by using a logic circuit or by executing code instructions.