CLAIMS

What is claimed is:

1. A cell selection or reselection method, wherein the method comprises:

obtaining, by a terminal device, first information corresponding to a first cell, wherein the first information is not specific to a frequency band (band) or a frequency, wherein the first information indicates information about an initial downlink BWP, information about an initial uplink BWP, and a carrier bandwidth; and

when a first condition corresponding to the first information is not met, selecting or reselecting, by the terminal device, a cell on a same frequency as the first cell, wherein the first condition is used to determine whether the terminal device can access the first cell, and wherein the first condition comprises any one or more of the following: a channel bandwidth supported by the terminal device is wider than or equal to a bandwidth of the initial downlink BWP, and is smaller than or equal to the carrier bandwidth; and the channel bandwidth supported by the terminal device is wider than or equal to a bandwidth of the initial uplink BWP, and is smaller than or equal to the carrier bandwidth.

2. The method according to claim 1, further comprising:

obtaining, by the terminal device, first indication information and/or second indication information, wherein

the first indication information indicates that the terminal device is allowed to select or reselect the cell on the same frequency as the first cell when the first cell is barred or is considered as barred by the terminal device; and

the second indication information indicates that the terminal device is allowed to select or reselect the cell on the same frequency as the first cell when the first cell is barred because the first condition is not met, or indicates that first information corresponding to the cell on the same frequency as the first cell is different from the first information corresponding to the first cell; and

the selecting or reselecting, by the terminal device, a cell on a same frequency as the first cell comprises:

determining, by the terminal device based on the first indication information and/or the second indication information, to select or reselect the cell on the same frequency as the first cell.

3. The method according to claim 2, wherein

the first indication information indicates that the terminal device is disallowed to select or reselect the cell on the same frequency as the first cell when the first cell is barred or is considered as barred by the terminal device;

the second indication information indicates that the terminal device is disallowed to select or

reselect the cell on the same frequency as the first cell when the first cell is barred because the first condition is not met, or indicates that the first information corresponding to the cell on the same frequency as the first cell is the same as the first information corresponding to the first cell; and

the method further comprises:

when the first condition is not met, determining, by the terminal device based on the first indication information and/or the second indication information, not to select or not to reselect the cell on the same frequency as the first cell.

4. The method according to any one of claims 1 to 3, wherein the terminal device obtains second information corresponding to the first cell, and the second information is specific to a frequency band (band) or a frequency; and

that a first condition corresponding to the first information is not met further comprises:

the first condition is not met and a second condition corresponding to the second information is met, wherein the second condition is used to determine whether the terminal device can access the first cell.

5. The method according to claim 4, wherein the second condition comprises any one or more of the following:

the terminal device supports a frequency band corresponding to the first cell;

the terminal device supports a transmission requirement of the frequency band corresponding to the first cell; and

a network device indicates to disable NR uplink transmission with a 7.5 kHz frequency shift to an LTE raster, or a network device indicates to enable NR uplink transmission with a 7.5 kHz frequency shift to an LTE raster and the terminal device supports the 7.5 kHz frequency shift.

6. The method according to any one of claims 1 to 5, further comprising:

when the first condition is not met, determining, by the terminal device, that N cells, at least N cells, at most N cells, or an N^{th} cell on a frequency of the first cell cannot be accessed, wherein N is a positive integer greater than or equal to 1; and

determining, by the terminal device, that the frequency of the first cell has a lowest priority; and/or

skipping selecting or reselecting, by the terminal device, the cell on the same frequency as the first cell.

7. The method according to any one of claims 1 to 6, wherein the selecting or reselecting, by the terminal device, a cell on a same frequency as the first cell comprises:

allowing the terminal device to select or reselect the cell on the same frequency as the first cell.

8. The method according to any one of claims 1 to 7, wherein the skipping selecting or

reselecting, by the terminal device, the cell on the same frequency as the first cell comprises:

disallowing the terminal device to select or reselect the cell on the same frequency as the first cell.

9. The method according to any one of claims 1 to 8, wherein the method further comprises:

operating, by the first cell, in an unlicensed spectrum and/or a licensed spectrum.

10. A cell selection or reselection method, wherein the method comprises:

when a first condition corresponding to first information is not met, sending, by a network device, first indication information and/or second indication information to a terminal device, to indicate the terminal device to determine, based on the first indication information and/or the second indication information, to select or reselect a cell on a same frequency as a first cell, wherein the first information is not specific to a frequency band (band) or a frequency, wherein the first information indicates information about an initial downlink BWP, information about an initial uplink BWP, and a carrier bandwidth, and the first condition is used to determine whether the terminal device can access the first cell, and wherein the first condition comprises any one or more of the following: a channel bandwidth supported by the terminal device is wider than or equal to a bandwidth of the initial downlink BWP, and is smaller than or equal to the carrier bandwidth; and the channel bandwidth supported by the terminal device is wider than or equal to a bandwidth of the initial uplink BWP, and is smaller than or equal to the carrier bandwidth;

the first indication information indicates that the terminal device is allowed to select or reselect the cell on the same frequency as the first cell when the first cell is barred or is considered as barred by the terminal device; and

the second indication information indicates that the terminal device is allowed to select or reselect the cell on the same frequency as the first cell when the first cell is barred because the first condition is not met, or indicates that first information corresponding to the cell on the same frequency as the first cell is different from the first information corresponding to the first cell.

11. The method according to claim 10, wherein

the first indication information indicates that the terminal device is disallowed to select or reselect the cell on the same frequency as the first cell when the first cell is barred or is considered as barred by the terminal device;

the second indication information indicates that the terminal device is disallowed to select or reselect the cell on the same frequency as the first cell when the first cell is barred because the first condition is not met, or indicates that the first information corresponding to the cell on the same frequency as the first cell is the same as the first information corresponding to the first cell; and

the network device is further configured to: when the first condition corresponding to the first information is not met, indicate the terminal device to determine, based on the first indication

information and/or the second indication information, not to select or not to reselect the cell on the same frequency as the first cell.

12. A terminal device, wherein the terminal device comprises:

a first obtaining unit, configured to obtain first information corresponding to a first cell, wherein the first information is not specific to a frequency band (band) or a frequency, wherein the first information indicates information about an initial downlink BWP, information about an initial uplink BWP, and a carrier bandwidth; and

a processing unit, configured to: select or reselect a cell on a same frequency as the first cell when a first condition corresponding to the first information is not met, wherein the first condition is used to determine whether the terminal device can access the first cell, and wherein the first condition comprises any one or more of the following: a channel bandwidth supported by the terminal device is wider than or equal to a bandwidth of the initial downlink BWP, and is smaller than or equal to the carrier bandwidth; and the channel bandwidth supported by the terminal device is wider than or equal to a bandwidth of the initial uplink BWP, and is smaller than or equal to the carrier bandwidth.

13. The terminal device according to claim 12, further comprising:

a second obtaining unit, configured to obtain first indication information and/or second indication information, wherein

the first indication information indicates that the terminal device is allowed to select or reselect the cell on the same frequency as the first cell when the first cell is barred or is considered as barred by the terminal device; and

the second indication information indicates that the terminal device is allowed to select or reselect the cell on the same frequency as the first cell when the first cell is barred because the first condition is not met, or indicates that first information corresponding to the cell on the same frequency as the first cell is different from the first information corresponding to the first cell; and

the processing unit is further configured to determine, based on the first indication information and/or the second indication information, to select or reselect the cell on the same frequency as the first cell.

14. The terminal device according to claim 13, wherein

the first indication information indicates that the terminal device is disallowed to select or reselect the cell on the same frequency as the first cell when the first cell is barred or is considered as barred by the terminal device;

the second indication information indicates that the terminal device is disallowed to select or reselect the cell on the same frequency as the first cell when the first cell is barred because the first condition is not met, or indicates that the first information corresponding to the cell on the same

frequency as the first cell is the same as the first information corresponding to the first cell; and

the processing unit is configured to: when the first condition is not met, determine, based on the first indication information and/or the second indication information, not to select or not to reselect the cell on the same frequency as the first cell.

15. The terminal device according to any one of claims 12 to 14, further comprising:

a third obtaining unit, configured to obtain second information corresponding to the first cell, wherein the second information is specific to a frequency band (band) or a frequency; and

that a first condition corresponding to the first information is not met further comprises:

the first condition is not met and a second condition corresponding to the second information is met, wherein the second condition is used to determine whether the terminal device can access the first cell.

16. The terminal device according to claim 15, wherein the second condition comprises any one or more of the following:

the terminal device supports a frequency band corresponding to the first cell;

the terminal device supports a transmission requirement of the frequency band corresponding to the first cell; and

a network device indicates to disable NR uplink transmission with a 7.5 kHz frequency shift to an LTE raster, or a network device indicates to enable NR uplink transmission with a 7.5 kHz frequency shift to an LTE raster and the terminal device supports the 7.5 kHz frequency shift.

17. The terminal device according to any one of claims 12 to 16, further comprising:

a determining unit, configured to: when the first condition is not met, determine that N cells, at least N cells, at most N cells, or an N^{th} cell on a frequency of the first cell cannot be accessed, wherein N is a positive integer greater than or equal to 1; and

the processing unit is configured to determine that the frequency of the first cell has a lowest priority, and/or not to select or not to reselect the cell on the same frequency as the first cell.

18. The terminal device according to any one of claims 12 to 17, wherein the processing unit is configured to allow selection or reselection of the cell on the same frequency as the first cell.

19. The terminal device according to any one of claims 12 to 18, wherein the processing unit is configured to disallow selection or reselection of the cell on the same frequency as the first cell.

20. The terminal device according to any one of claims 12 to 19, wherein

the first cell operates in an unlicensed spectrum and/or a licensed spectrum.

21. A network device, wherein

when a first condition corresponding to first information is not met, the network device sends first indication information and/or second indication information to a terminal device, to indicate the terminal device to determine, based on the first indication information and/or the second

indication information, to select or reselect a cell on a same frequency as a first cell, wherein the first information is not specific to a frequency band (band) or a frequency, wherein the first information indicates information about an initial downlink BWP, information about an initial uplink BWP, and a carrier bandwidth, and the first condition is used to determine whether the terminal device can access the first cell, and wherein the first condition comprises any one or more of the following: a channel bandwidth supported by the terminal device is wider than or equal to a bandwidth of the initial downlink BWP, and is smaller than or equal to the carrier bandwidth; and the channel bandwidth supported by the terminal device is wider than or equal to a bandwidth of the initial uplink BWP, and is smaller than or equal to the carrier bandwidth;

the first indication information indicates that the terminal device is allowed to select or reselect the cell on the same frequency as the first cell when the first cell is barred or is considered as barred by the terminal device; and

the second indication information indicates that the terminal device is allowed to select or reselect the cell on the same frequency as the first cell when the first cell is barred because the first condition is not met, or indicates that first information corresponding to the cell on the same frequency as the first cell is different from the first information corresponding to the first cell.

22. The network device according to claim 21, wherein

the first indication information indicates that the terminal device is disallowed to select or reselect the cell on the same frequency as the first cell when the first cell is barred or is considered as barred by the terminal device;

the second indication information indicates that the terminal device is disallowed to select or reselect the cell on the same frequency as the first cell when the first cell is barred because the first condition is not met, or indicates that the first information corresponding to the cell on the same frequency as the first cell is the same as the first information corresponding to the first cell; and

the network device is further configured to: when the first condition corresponding to the first information is not met, indicate the terminal device to determine, based on the first indication information and/or the second indication information, not to select or not to reselect the cell on the same frequency as the first cell.

23. A computer-readable storage medium, wherein the computer-readable storage medium comprises computer instructions, and when the computer instructions are run on an electronic device, the electronic device performs the cell selection or reselection method according to any one of claims 1 to 9, or the cell selection or reselection method according to any one of claims 10 and 11.

24. A computer program, wherein when the program is invoked by a processor, the cell selection or reselection method according to any one of claims 1 to 9 is performed, or the cell

selection or reselection method according to any one of claims 10 and 11 is performed.

25. A chip system, comprising one or more processors, wherein when the one or more processors execute instructions, the one or more processors perform the cell selection or reselection method according to any one of claims 1 to 9, or the cell selection or reselection method according to any one of claims 10 and 11.