

CLAIMS

1. A handover (HO) method, applied to a terminal, comprising:
 - executing an HO command sent by a network-side device; and
 - when an HO fails and the terminal is configured with a Condition Handover (CHO), performing a CHO.
2. The HO method of claim 1, wherein performing the CHO comprises:
 - performing the CHO according to at least one of first indication information sent by the network-side device and a processing policy agreed in advance.
3. The HO method of claim 2, wherein the first indication information is transmitted through the HO command or a Radio Resource Control (RRC) reconfiguration message.
4. The HO method of claim 2, wherein the first indication information comprises at least one of:
 - second indication information for instructing the terminal to perform the CHO when the terminal fails in executing the HO and is configured with the CHO;
 - third indication information for indicating timing information of a timer; wherein if any trigger condition is met before the timer times out, the terminal performs the CHO corresponding to the trigger condition which is met; or else, the terminal performs a cell reestablishment;
 - fourth indication information for indicating a CHO parameter; and

fifth indication information for indicating a target cell for the CHO.

5. The HO method of claim 4, wherein when the first indication information comprises the second indication information, when the HO fails and the terminal is configured with the CHO, performing the CHO comprises:

in the case of HO failure, performing cell selection; and

if the result of the cell selection is a target cell for the CHO, performing the CHO according to the second indication information.

6. The HO method of claim 4 or 5, wherein performing the CHO according to at least one of the first indication information sent by the network-side device and the processing policy agreed in advance comprises at least one of:

when the first indication information received from the network-side device comprises the second indication information, performing the CHO;

when the first indication information received from the network-side device comprises the third indication information, starting the timer; if any trigger condition is met before the timer times out, performing the CHO corresponding to the trigger condition which is met; or else, performing the cell reestablishment;

when the first indication information received from the network-side device comprises the fourth indication information, performing the CHO by using the CHO parameter; and

when the first indication information received from the network-side device comprises the fifth indication information, performing the CHO in the target cell.

7. An indication method, applied to a network-side device, comprising:

sending first indication information to a terminal, wherein the first indication information is used for instructing the terminal to perform a Condition Handover (CHO) process when the terminal fails in executing a Handover (HO) and is configured with a CHO.

8. The indication method of claim 7, wherein the first indication information is transmitted through the HO command or a Radio Resource Control (RRC) reconfiguration message.

9. The indication method of claim 7, wherein the first indication information comprises at least one of:

second indication information for instructing the terminal to perform the CHO when the terminal fails in executing the HO and is configured with the CHO;

third indication information for indicating timing information of a timer; if any trigger condition is met before the timer times out, the terminal performs the CHO corresponding to the trigger condition which is met; or else, the terminal performs a cell reestablishment;

fourth indication information for indicating a CHO parameter; and

fifth indication information for indicating a target cell for the CHO.

10. A terminal, comprising:

a first processor, configured to:

execute a Handover (HO) command sent by the network-side device; and

when an HO fails and the terminal is configured with a Condition Handover (CHO), perform a CHO.

11. The terminal of claim 9, wherein the first processor is specifically configured to:

perform the CHO according to at least one of first indication information sent by the network-side device and a processing policy agreed in advance.

12. The terminal of claim 11, wherein the first indication information is transmitted through the HO command or a Radio Resource Control (RRC) reconfiguration message.

13. The terminal of claim 11, wherein the first indication information comprises at least one of:

second indication information for instructing the terminal to perform the CHO when the terminal fails in executing the HO and is configured with the CHO;

third indication information for indicating timing information of a timer; if any trigger condition is met before the timer times out, the terminal performs the CHO corresponding to the trigger condition which is met; or else, the terminal performs a cell reestablishment;

fourth indication information for indicating a CHO parameter; and

fifth indication information for indicating a target cell for the CHO.

14. The terminal of claim 13, wherein when the first indication information comprises the second indication information, the first processor is specifically configured to:

in the case of HO failure, perform cell selection; and

if the result of the cell selection is a target cell for the CHO, perform the CHO according to the second indication information.

15. The terminal of claim 13 or 14, wherein the first processor is specifically configured to perform at least one of:

when the first indication information received from the network-side device comprises the second indication information, perform the CHO;

when the first indication information received from the network-side device comprises the third indication information, start the timer; if any trigger condition is met before the timer times out, perform the CHO corresponding to the trigger condition which is met; or else, perform the cell reestablishment;

when the first indication information received from the network-side device comprises the fourth indication information, perform the CHO by using the CHO parameter; and

when the first indication information received from the network-side device comprises the fifth indication information, perform the CHO in the target cell.

16. A network-side device, comprising:

a transceiver, configured to send first indication information to a terminal, wherein the first indication information is used for instructing the terminal to perform a Condition Handover (CHO) process when the terminal fails in executing a Handover (HO) and is configured with a CHO.

17. The network-side device of claim 16, wherein the first indication information is transmitted through the HO command or a Radio Resource Control (RRC) reconfiguration message.

18. The network-side device of claim 16, wherein the first indication information comprises at least one of:

second indication information for instructing the terminal to perform the CHO when the

terminal fails in executing the HO and is configured with the CHO;

third indication information for indicating timing information of a timer; if any trigger condition is met before the timer times out, the terminal performs the CHO corresponding to the trigger condition which is met; or else, the terminal performs a cell reestablishment;

fourth indication information for indicating a CHO parameter; and

fifth indication information for indicating a target cell for the CHO.

19. A terminal, comprising: a second processor, a first memory and a first computer program which is stored in the first memory and executable by the second processor, wherein when the first computer program is executed by the second processor, the first computer program implements the steps of the handover method of any one of claims 1 to 6.

20. A computer readable storage medium having stored thereon a third computer program that when executed by a fourth processor, implements the steps of the handover method of any one of claims 1 to 6, or the steps of the indication method of any one of claims 7 to 9.