## CLAIMS

1. A communication method, comprising:

receiving, by a communication apparatus, a system information block 1, SIB 1; and

when the SIB 1 does not comprise third indication information, determining, by the communication apparatus, that an intra-frequency reselection operation is allowed, wherein

the communication apparatus is a reduced capability user equipment, RedCap UE, or a chip in the RedCap UE, and the third indication information indicates whether the RedCap UE is allowed to perform the intra-frequency reselection operation.

2. The method according to claim 1, wherein the third indication information is a RedCap specific intraFreqReselection field, and the method further comprising:

determining, by the communication apparatus based on the RedCap specific intraFreqReselection field, whether to perform the intra-frequency reselection operation.

3. The method according to claim 1 or 2, wherein before receiving the SIB 1, the method further comprising:

receiving, by the communication apparatus, a master information block, MIB, wherein a *cellBarred* field in the MIB indicates a cell is not barred.

4. A communication method, comprising:

sending, by a communication apparatus, a system information block 1, SIB 1; and

when the SIB 1 does not comprise third indication information, indicating, by the communication apparatus, that reduced capability user equipment, RedCap UE, is allowed to perform an intra-frequency reselection operation;

wherein the third indication information indicates whether the RedCap UE is allowed to perform the intra-frequency reselection operation.

5. The method according to claim 4, wherein the third indication information is a RedCap specific intraFreqReselection field, and the RedCap specific intraFreqReselection field determines whether the RedCap UE performs the intra-frequency reselection operation.

6. The method according to claim 4 or 5, wherein before sending the SIB 1, the method further compring:

sending, by the communication apparatus, a master information block, MIB, wherein a *cellBarred* field in the MIB indicates a cell is not barred.

7. A communication apparatus, comprising:

a receiving unit, configured to receive a system information block 1, SIB 1; and

a processing unit, configured to: when the SIB 1 does not comprise third indication information, determine that an intra-frequency reselection operation is allowed, wherein

the communication apparatus is reduced capability user equipment, RedCap UE, or a chip in the RedCap UE, and the third indication information indicates whether the RedCap UE is allowed to perform the intra-frequency reselection operation.

8. The apparatus according to claim 7, wherein the third indication information is a RedCap specific intraFreqReselection field, and the processing unit is further configured to determine that whether the RedCap UE performs the intra-frequency reselection operation based on the RedCap specific intraFreqReselection field.

9. The apparatus according to claim 7 or 8, wherein the receiving unit is further configured to:

receive a master information block, MIB, before receiving the SIB 1;

wherein a *cellBarred* field in the MIB indicates a cell is not barred.

10. A communication apparatus, comprising:

a sending unit, configured to send a system information block 1, SIB 1; and

a processing unit, configured to: when the SIB 1 does not comprise third indication information, indicate reduced capability user equipment, RedCap UE, to determine that an intra-frequency reselection operation is allowed, and wherein the third indication information indicates whether the RedCap UE is allowed to perform the intra-frequency reselection operation.

11. The apparatus according to claim 10, wherein the third indication information is a RedCap specific intraFreqReselection field, and the RedCap specific intraFreqReselection field determines whether the RedCap UE performs the intra-frequency reselection operation.

12. The apparatus according to claim 10 or 11, wherein the sending unit is further configured to:

send a master information block, MIB, before receiving the SIB 1;

wherein a *cellBarred* field in the MIB indicates a cell is not barred.

13. The apparatus according to anye one of claims 10 to 12, wherein the apparatus comprises a network device or a chip in a network device.

14. 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 3 is implemented, or any one of claims 4 to 6 is implemented.

15. A chip system, comprising a processor, configured to invoke a computer program from a memory and run the computer program, so that an apparatus in which the chip system is installed performs the method according to any one of claims 1 to 3, or any one of claims 4 to 6.