

CLAIMS

What is claimed is:

1. An information transmission method, applied to a first entity which is a core network device, or belongs to a core network device, and the method comprising

5 when a terminal device is handed over from a second cell to a first cell, obtaining first public land mobile network, PLMN, information of a the first cell;

determining, based on the first PLMN information, to send first information to a first access network device, wherein the first access network device is an access network device corresponding to the first cell, the first information comprises a PLMN list, and the PLMN list comprises a PLMN
10 set that allows a terminal device to perform a first operation; and

sending the first information to the first access network device;

wherein the determining, based on the first PLMN information, to send first information to a first access network device comprises:

determining, when the first PLMN information belongs to the PLMN list and second PLMN
15 information of the second cell does not belong to the PLMN list, to send the first information to the first access network device.

~~2. The method according to claim 1, wherein the first entity is a core network device, or the first entity belongs to a core network device.~~

~~32. The method according to claim 12, wherein the obtaining first public land mobile network
20 PLMN information of a first cell comprises:~~

~~receiving the first PLMN information of the first cell from the first access network device, or determining the first PLMN information of the first cell based on a global identifier of the first cell.~~

~~43. The method according to claim 21 or 32, wherein the determining, based on the first
25 PLMN information, to send first information to a first access network device comprises:~~

~~determining, when the first PLMN information belongs to the PLMN list and second PLMN information of a second cell does not belong to the PLMN list, to send the first information to the first access network device, wherein the second cell is a cell in which the terminal device is located before being last handed over to the first cell.~~

54. The method according to any one of claims 1 to 53, wherein an access network device

corresponding to the second cell is a second access network device, or an access network device corresponding to the second cell is the first access network device.

~~6. The method according to claim 2 or 3, wherein the determining, based on the first PLMN information, to send first information to a first access network device comprises:~~

~~determining, when the first PLMN information belongs to the PLMN list, to send the first information to the first access network device.~~

~~75. The method according to any one of claims 1 to 64, wherein before the determining, based on the first PLMN information, to send first information to a first access network device, the method further comprises:~~

~~receiving a first request from the first access network device, wherein the first request is for requesting the first information.~~

~~8. The method according to claim 1, wherein the first entity is the terminal device or the first entity belongs to the terminal device, and before the obtaining first public land mobile network PLMN information of a first cell, the method further comprises:~~

~~receiving and storing the first information.~~

~~9. The method according to claim 8, wherein the obtaining first public land mobile network PLMN information of a first cell comprises:~~

~~receiving the first PLMN information of the first cell from the first access network device.~~

~~10. The method according to claim 8 or 9, wherein the determining, based on the first PLMN information, to send first information to a first access network device comprises:~~

~~determining, when the first PLMN information belongs to the PLMN list, to send the stored first information to the first access network device.~~

~~146. The method according to any one of claims 1 to 105, wherein the first information further comprises serving PLMN information, and the serving PLMN information is a PLMN bound when the first operation is performed before the handover to the first cell.~~

~~127. The method according to any one of claims 1 to 146, wherein the first operation is minimization of drive test, MDT, measurement or quality of experience, QoE, measurement.~~

~~138. An information transmission method, comprising:~~

~~sending, by a first access network device, a first request, wherein the first request indicates that the first access network device requests first information for performing a first operation in a first cell; and~~

receiving the first information, wherein the first information comprises a public land mobile network, PLMN list, and the PLMN list indicates configuration information that is of the first operation and that is to be sent by the first access network device to a terminal device.

149. The method according to claim 138, wherein the first information further comprises serving PLMN information, and the serving PLMN information is a PLMN bound when the first operation is performed before the handover to the first cell.

1510. The method according to ~~any one of claims 13-8 or to~~ 914, wherein the first operation is minimization of drive test, MDT, measurement or quality of experience, QoE, measurement.

1611. A communication apparatus, wherein the apparatus comprises at least one unit configured to perform the method according to any one of claims 1 to 127.

12. A communication apparatus, wherein the apparatus comprises at least one unit configured to perform the method according to any one of claims 8 to 10.

~~17. A communication apparatus, comprising a processor and a memory, wherein the processor is coupled to the memory, and the processor is configured to perform the method according to any one of claims 1 to 12.~~

~~18. A communication apparatus, wherein the apparatus is configured to perform the method according to any one of claims 13 to 15.~~

~~19. A communication apparatus, comprising a processor and a memory, wherein the processor is coupled to the memory, and the processor is configured to perform the method according to any one of claims 13 to 15.~~

2013. A computer-readable storage medium, storing a computer program or instructions, wherein when the computer program or the instructions are executed, a computer is enabled to perform the method according to any one of claims 1 to 127, or the computer is enabled to perform the method according to any one of claims 13-8 to 1510.

2114. A computer program product, wherein the computer program product comprises computer program code, and when the computer program code is run on a computer, the computer is enabled to implement the method according to any one of claims 1 to 127 or implement the method according to any one of claims 13-8 to 1510.

2215. A chip, comprising a processor, wherein the processor is coupled to a memory, the memory is configured to store a program or instructions, and when the program or the instructions are executed by the processor, the ~~apparatus-chip~~ is enabled to perform the method according to

any one of claims 1 to ~~12~~7 or the method according to any one of claims ~~13~~8 to ~~15~~10.