WHAT IS CLAIMED IS:

1. A subgroup paging method, performed by a terminal, comprising:

receiving configuration information for subgroup paging;

wherein the configuration information is at least configured to indicate that a network supports or does not support the terminal to determine subgroup information for paging in a predetermined manner; and the subgroup information for paging is configured for the terminal to monitor a paging message;

wherein the predetermined manner comprises:

a second predetermined manner of randomly selecting the subgroup information for paging, wherein in the second predetermined manner, the terminal determines the subgroup information for paging by a modulo operation on a user equipment identification (UE-ID).

2. The method of claim 1, wherein the predetermined manner further comprises:

a first predetermined manner of receiving the subgroup information for paging which is allocated by the network.

3. The method of claim 2, wherein the subgroup information for paging comprises one or more of:

identification of a subgroup for paging which is allocated by the network;

paging probability information of the terminal being paged, that is determined by the network; and

probability level information of a paging probability of the terminal being paged, that is determined by the network.

4. The method of claim 2, further comprising:

in response to the network supporting the terminal to determine the subgroup information for paging in the first predetermined manner but not supporting the terminal to determine the subgroup information for paging in the second predetermined manner, determining a manner of monitoring the paging message according to a result of receiving the configuration information for subgroup paging of the network,

wherein the method comprises:

determining to monitor the paging message according to the subgroup information for paging which is allocated by the network; or

determining to monitor the paging message on a paging resource not used for subgroup paging, in response to not having received the subgroup information for paging which is allocated by the network.

5. The method of claim 2, further comprising:

in response to the network not supporting the terminal to determine the subgroup information

for paging in the first predetermined manner but supporting the terminal to determine the subgroup information for paging in the second predetermined manner, determining to monitor the paging message according to randomly selected subgroup information for paging.

6. The method of claim 2, further comprising:

in response to neither the network supporting the terminal to determine the subgroup information for paging in the first predetermined manner nor the network supporting the terminal to determine the subgroup information for paging in the second predetermined manner, determining to monitor the paging message on a paging resource not used for subgroup paging.

7. The method of claim 2, further comprising:

in response to both the network supporting the terminal to determine the subgroup information for paging in the first predetermined manner and the second predetermined manner, determining a manner of monitoring the paging message according to a result of receiving the configuration information for subgroup paging of the network;

wherein the method comprises:

determining to monitor the paging message according to the subgroup information for paging which is allocated by the network, in response to having received identification of a subgroup for paging which is allocated by the network; or

determining to monitor the paging message according to randomly selected subgroup information for paging, in response to not having received identification of a subgroup for paging which is allocated by the network.

8. The method of claim 7, further comprising:

determining that the network supports the terminal to determine the subgroup information for paging in the second predetermined manner, in response to having received the subgroup information for paging; or

determining that the network does not support the terminal to determine the subgroup information for paging in the first predetermined manner or the second predetermined manner, in response to not having received the subgroup information for paging.

9. The method of claim 1, wherein receiving the configuration information for the subgroup paging comprises:

receiving the configuration information sent by a base station via a broadcast message; or

receiving the configuration information sent by a base station via a dedicated message.

10. A subgroup paging method, performed by a base station, comprising:

sending configuration information for subgroup paging to a terminal;

wherein the configuration information is at least configured to indicate that a network supports or does not support the terminal to determine subgroup information for paging in a

predetermined manner; and the subgroup information for paging is configured for the terminal to monitor a paging message;

wherein the predetermined manner comprises:

a second predetermined manner of randomly selecting the subgroup information for paging, wherein in the second predetermined manner, the terminal determines the subgroup information for paging by a modulo operation on a user equipment identification (UE-ID).

11. The method of claim 10, wherein the predetermined manner further comprises:

a first predetermined manner of receiving the subgroup information for paging which is allocated by the network.

12. The method of claim 11, wherein the subgroup information for paging comprises one or more of:

identification of a subgroup for paging which is allocated by the network;

paging probability information of the terminal being paged, that is determined by the network; and

probability level information of a paging probability of the terminal being paged, that is determined by the network.

13. The method of claim 10, wherein sending the configuration information for the subgroup paging to the terminal comprises:

sending the configuration information to the terminal via a broadcast message; or

sending the configuration information to the terminal via a dedicated message.

14. The method of claim 10, further comprising:

sending auxiliary information to a core network device;

wherein the auxiliary information is at least configured to indicate that the network supports or does not support the terminal to determine the subgroup information for paging in the predetermined manner.

15. The method of claim 10, further comprising:

sending auxiliary information to a core network device by using a NG interface setup request message; or

sending auxiliary information to a core network device by using a NG interface setup response message.

16. A subgroup paging method, performed by a core network device, comprising:

issuing configuration information for subgroup paging;

wherein the configuration information is at least configured to indicate that a network supports or does not support a terminal to determine subgroup information for paging in a predetermined manner; and the subgroup information for paging is configured for the terminal to

monitor a paging message;

wherein the predetermined manner comprises:

a second predetermined manner of randomly selecting the subgroup information for paging, wherein in the second predetermined manner, the terminal determines the subgroup information for paging by a modulo operation on a user equipment identification (UE-ID).

17. The method of claim 16, wherein the predetermined manner further comprises:

a first predetermined manner of receiving the subgroup information for paging which is allocated by the network.

18. The method of claim 17, wherein the subgroup information for paging comprises one or more of:

identification of a subgroup for paging which is allocated by the network;

paging probability information of the terminal being paged, that is determined by the network; and

probability level information of a paging probability of the terminal being paged, that is determined by the network.

19. The method of claim 16, wherein issuing the configuration information for the subgroup paging comprises:

issuing the configuration information for the subgroup paging by using a non-access stratum (NAS) message; or

sending the configuration information to a base station by using a NG interface setup request message or a NG interface setup response message.

20. A communication device, comprising:

a memory; and

a processor connected to an antenna and the memory, respectively, and configured to control transmission and reception of the antenna and be capable of implementing the method of any one of claims 1 to 9, claims 10 to 15, or claims 16 to 19, by executing computer-executable instructions stored in the memory.