## CLAIMS

1. A method for configuring a resource, performed by an access network device, comprising:

sending common configuration information of a downlink control channel for an initial bandwidth part (BWP) configuration;

wherein the common configuration information of the downlink control channel indicates a predetermined resource for a first-type terminal to perform a predetermined operation; the predetermined resource comprises at least one of:

an additional common control resource set (CORESET);

an additional common search space;

a common CORESET0; or

a common search space 0;

wherein if an initial BWP does not contain entire CORESET0, the additional common CORESET does not have to be contained in a bandwidth of the CORESET0.

2. The method of claim 1, further comprising at least one of:

the additional common CORESET being configured as a CORESET associated with a common search space for the first-type terminal to perform the predetermined operation;

the additional common search space being configured as a common search space for the first-type terminal to perform the predetermined operation;

the CORESET0 being configured as a CORESET associated with a common search space for the first-type terminal to perform the predetermined operation; or

the common search space 0 being configured as a common search space for the first-type terminal to perform the predetermined operation.

3. The method of claim 2, wherein the predetermined resource further comprises a resource configured for a second-type terminal in a predetermined message; the predetermined message comprises at least one of: a master information block (MIB) or a system information block 1 (SIB1); the resource configured for the second-type terminal comprises at least one of a resource for paging monitoring, a resource for system message monitoring or a resource for random access

response (RAR) monitoring; and the resource configured for the second-type terminal is configured as the common search space for the first-type terminal to perform the predetermined operation.

4. The method of claim 3, further comprising at least one of:

a CORESET associated with a search space for paging monitoring configured for the second-type terminal being configured as a CORESET associated with a search space for paging monitoring for the first-type terminal;

a CORESET associated with a search space for system message monitoring configured for the second-type terminal being configured as a CORESET associated with a search space for system message monitoring for the first-type terminal;

a search space for paging monitoring configured for the second-type terminal being configured as a search space for paging monitoring for the first-type terminal; or

a search space for system message monitoring configured for the second-type terminal being configured as a search space for system message monitoring for the first-type terminal.

5. The method of any one of claims 1 to 4, wherein an identifier of the additional common CORESET is not 0; an identifier of the additional common search space is not 0; or an identifier of the additional common CORESET is not 0 and an identifier of the additional common search space is not 0.

6. The method of any one of claims 1 to 5, wherein if an initial BWP configured for a second-type terminal contains the CORESET0, the CORESET0 contains an additional common CORESET configured for the second-type terminal.

7. The method of any one of claims 1 to 6, wherein an initial BWP configured for a second-type terminal contains the CORESET0, and a bandwidth overlap exists between the initial BWP of the second-type terminal and an initial BWP of the first-type terminal.

8. The method of any one of claims 1 to 5, wherein if an initial BWP does not include entire

CORESET0, at least one of a common search space 0 or entire CORESET configured for a second-type terminal is used to perform at least one of:

receiving a system information block 1 (SIB1);

receiving other system message; or

paging monitoring.

9. A method for configuring a resource, performed by a first-type terminal, comprising:

receiving common configuration information of a downlink control channel configured for an initial bandwidth part (BWP);

wherein the common configuration information of the downlink control channel indicates a predetermined resource for the first-type terminal to perform a predetermined operation; the predetermined resource comprises at least one of:

an additional common control resource set (CORESET);

an additional common search space;

a common CORESET0; or

a common search space 0;

wherein if an initial BWP does not contain entire CORESET0, the additional common CORESET does not have to be contained in a bandwidth of the CORESET0.

10. The method of claim 9, further comprising at least one of:

the additional common CORESET being configured as a CORESET associated with a common search space for the first-type terminal to perform the predetermined operation;

the additional common search space being configured as a common search space for the first-type terminal to perform the predetermined operation;

the CORESET0 being configured as a CORESET associated with a common search space for the first-type terminal to perform the predetermined operation; or

the common search space 0 being configured as a common search space for the first-type terminal to perform the predetermined operation;

11. The method of claim 10, wherein the predetermined resource further comprises a resource

configured for a second-type terminal in a predetermined message; the predetermined message comprises at least one of: a master information block (MIB) or a system information block 1 (SIB1); the resource configured for the second-type terminal comprises at least one of a resource for paging monitoring, a resource for system message monitoring or a resource for random access response (RAR) monitoring; and the resource configured for the second-type terminal is configured as the common search space for the first-type terminal to perform the predetermined operation.

12. The method of claim 11, further comprising at least one of:

a CORESET associated with a search space for paging monitoring configured for the second-type terminal being configured as a CORESET associated with a search space for paging monitoring for the first-type terminal;

a CORESET associated with a search space for system message monitoring configured for the second-type terminal being configured as a CORESET associated with a search space for system message monitoring for the first-type terminal;

a search space for paging monitoring configured for the second-type terminal being configured as a search space for paging monitoring for the first-type terminal; or

a search space for system message monitoring configured for the second-type terminal being configured as a search space for system message monitoring for the first-type terminal.

13. The method of any one of claims 9 to 12, wherein an identifier of the additional common CORESET is not 0; an identifier of the additional common search space is not 0; or an identifier of the additional common CORESET is not 0 and an identifier of the additional common search space is not 0.

14. The method of any one of claims 9 to 13, wherein if an initial BWP configured for a second-type terminal contains the CORESET0, the CORESET0 contains an additional common CORESET configured for the second-type terminal.

15. The method of any one of claims 9 to 14, wherein an initial BWP configured for a second-

type terminal contains the CORESET0, and a bandwidth overlap exists between the initial BWP of the second-type terminal and an initial BWP of the first-type terminal.

16. The method of any one of claims 9 to 13, wherein if an initial BWP does not include entire CORESET0, at least one of a common search space 0 or entire CORESET configured for a second-type terminal is used to perform at least one of:

receiving a system information block 1 (SIB1);

receiving other system message; or

paging monitoring.

17. An apparatus for configuring a resource, comprising:

a sending module configured to send common configuration information of a downlink control channel configured for an initial bandwidth part (BWP);

wherein the common configuration information of the downlink control channel indicates a predetermined resource for a first-type terminal to perform a predetermined operation; the predetermined resource comprises at least one of:

an additional common control resource set (CORESET);

an additional common search space;

a common CORESET0; or

a common search space 0;

wherein if an initial BWP does not contain entire CORESET0, the additional common CORESET does not have to be contained in a bandwidth of the CORESET0.

18. A communication device, comprising:

a memory; and

a processor coupled to the memory, and configured to execute computer-executable instructions stored on the memory to cause the method of any one of claims 1 to 16 to be implemented.