

Claims:

1. A resource indication method, applied to user equipment, comprising:

selecting a target mapping relationship from at least two candidate mapping relationships;

determining a size of a target resource block group according to a size range of a

5 bandwidth part in the target mapping relationship; and

allocating frequency domain resource according to the size of the target resource block group and first control information sent from a network side;

wherein the at least two candidate mapping relationships at least comprise a first mapping relationship and a second mapping relationship; the first mapping relationship is a mapping relationship in which a size range of each group of bandwidth parts is mapped to a different resource block group size; the second mapping relationship is a mapping relationship in which size ranges of at least two groups of bandwidth parts are mapped to a same resource block group size.

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

15 obtaining the at least two candidate mapping relationships from the network side.

3. The method of claim 1, wherein selecting the target mapping relationship from the at least two candidate mapping relationships comprises:

selecting the target mapping relationship from the at least two candidate mapping relationships according to a first configuration signaling sent from the network side; or

20 selecting the target mapping relationship from the at least two candidate mapping relationships according to a preset rule.

4. The method of any one of claims 1-3, wherein the first control information is transmitted through a physical downlink control channel.

5. The method of claim 2 or 3, wherein the first configuration signaling is obtained through radio resource control configuration information.

6. A resource indication method, applied to a network device, comprising:

sending first control information to a user equipment, wherein the first control information

is used for indicating the user equipment to allocate frequency domain resource according to a size of a target resource block in a target mapping relationship;

wherein the target mapping relationship is one of at least two candidate mapping relationships, the at least two candidate mapping relationships at least comprise a first mapping relationship and a second mapping relationship; the first mapping relationship is a mapping relationship in which a size range of each group of bandwidth parts is mapped to a different resource block group size; the second mapping relationship is a mapping relationship in which size ranges of at least two groups of bandwidth parts are mapped to a same resource block group size.

10 7. The method of claim 6, wherein the method further comprises:

configuring the at least two candidate mapping relationships for the user equipment.

8. The method of claim 6, wherein the method further comprises:

15 sending a first configuration signaling to the user equipment, wherein the first configuration signaling is used for indicating the user equipment to select the target mapping relationship from the at least two mapping relationships.

9. The method of any one of claims 6-8, wherein the first control information is transmitted through a physical downlink control channel.

10. The method of claim 7 or 8, wherein the first configuration signaling is obtained through radio resource control configuration information.

20 11. User equipment, comprising:

a first processing unit used for selecting a target mapping relationship from at least two candidate mapping relationships, determining a size of a target resource block group according to a size range of a bandwidth part in the target mapping relationship, and allocating frequency domain resource according to the size of the target resource block group and first control information sent from a network side; wherein the at least two candidate mapping relationships at least comprise a first mapping relationship and a second mapping relationship; the first mapping relationship is a mapping relationship in which a size range of each group of bandwidth parts is mapped to a different resource block group size; the second mapping

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relationship is a mapping relationship in which size ranges of at least two groups of bandwidth parts are mapped to a same resource block group size; and

a first communication unit used for receiving the first control information from the network side.

5 12. The user equipment of claim 11, wherein:

the first communication unit is further used for obtaining the at least two candidate mapping relationships from the network side.

13. The user equipment of claim 11, wherein:

10 the first communication unit is used for receiving a first configuration signaling sent from the network side; the first processing unit is used for selecting the target mapping relationship from the at least two candidate mapping relationships according to the first configuration signaling sent from the network side; or

the first processing unit is used for selecting the target mapping relationship from the at least two candidate mapping relationships according to a preset rule.

15 14. The user equipment of any one of claims 11-13, wherein the first control information is transmitted through a physical downlink control channel.

15. The user equipment of claim 12 or 13, wherein the first configuration signaling is obtained through radio resource control configuration information.

16. A network device comprising:

20 a second communication unit used for sending first control information to user equipment, wherein the first control information is used for indicating the user equipment to allocate frequency domain resource according to a size of a target resource block in a target mapping relationship;

25 wherein the target mapping relationship is one of at least two candidate mapping relationships, and the at least two candidate mapping relationships at least comprise a first mapping relationship and a second mapping relationship; the first mapping relationship is a mapping relationship in which a size range of each group of bandwidth parts is mapped to a different resource block group size; the second mapping relationship is a mapping relationship

in which size ranges of at least two groups of bandwidth parts are mapped to a same resource block group size.

17. The network device of claim 16, wherein the network device further comprises:

5 a second processing unit used for determining the at least two candidate mapping relationships;

wherein the second communication unit is used for configuring the at least two candidate mapping relationships for the user equipment.

10 18. The network device of claim 16, wherein the second communication unit is used for sending a first configuration signaling to the user equipment, wherein the first configuration signaling is used for indicating the user equipment to select the target mapping relationship from the at least two mapping relationships.

19. User equipment, comprising: a processor and a memory for storing a computer program that is capable of being run on the processor;

15 wherein the processor is used for, when running the computer program, performing acts of the method of any one of claims 1-5.

20. A network device, comprising: a processor and a memory for storing a computer program that is capable of being run on the processor;

wherein the processor is used for, when running the computer program, performing acts of the method of any one of claims 6-10.