

CLAIMS

1. A communication method, comprising:
 - 5 determining, by a terminal device, a target monitoring resource configured to monitor downlink control information; and
 monitoring the downlink control information on the target monitoring resource, wherein the method further comprises:
 receiving, by the terminal device, information of a group of monitoring
10 resources from a network device,
 wherein determining, by the terminal device, the target monitoring resource configured to monitor the downlink control information comprises:
 determining the target monitoring resource based on the group of monitoring resources.
- 15 2. The method of claim 1, wherein the target monitoring resource comprises a periodic monitoring position.
3. The method of claim 1 or 2, wherein determining the target monitoring resource
20 based on the group of monitoring resources comprises:
 determining the target monitoring resource based on the group of monitoring resources and a basic parameter set configured for the terminal device.
4. The method of claim 3, wherein the group of monitoring resources corresponds to
25 a first basic parameter set, and
 determining the target monitoring resource based on the group of monitoring resources and the basic parameter set configured for the terminal device comprises:
 in response to that a second basic parameter set configured for the terminal device is the same as the first basic parameter set, determining the target
30 monitoring resource in the group of monitoring resources; or
 in response to that the second basic parameter set configured for the terminal device is different from the first basic parameter set, determining another group of monitoring resources based on the group of monitoring resources and

determining the target monitoring resource in the another group of monitoring resources.

5. The method of claim 1 or 2, further comprising:

5 receiving, by the terminal device, indication information of the network device, the indication information being used to indicate a monitoring resource configured by the network device for the terminal device to monitor the downlink control information.

10 6. The method of claim 5, wherein

 determining, by the terminal device, the target monitoring resource configured to monitor the downlink control information comprises:

 determining, by the terminal device, a monitoring resource indicated by the indication information as the target monitoring resource; and

15 monitoring the downlink control information on the target monitoring resource comprises:

 monitoring the downlink control information on the monitoring resource indicated by the indication information.

20 7. The method of claim 6, wherein

 determining, by the terminal device, the target monitoring resource configured to monitor the downlink control information comprises:

 regulating, by the terminal device, a period and/or a monitoring position of the monitoring resource indicated by the indication information and determining
25 the regulated monitoring resource as the target monitoring resource; and

 monitoring the downlink control information on the target monitoring resource comprises:

 monitoring the downlink control information on the regulated monitoring resource.

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8. The method of any one of claims 5-7, wherein receiving, by the terminal device, the indication information of the network device comprises:

 receiving, by the terminal device, the downlink control information from the

network device, the downlink control information comprising the indication information.

9. A terminal device, comprising:

5 a determination module, configured to determine a target monitoring resource configured to monitor downlink control information; and

 a communication module, configured to monitor the downlink control information on the target monitoring resource;

 wherein the communication module is further configured to receive
10 information of a group of monitoring resources from a network device; and

 the determination module is configured to determine the target monitoring resource based on the group of monitoring resources.

10. The terminal device of claim 9, wherein the communication module is further
15 configured to:

 receive high-layer signaling of the network device, the high-layer signaling being used to configure a specific period for the terminal device.

11. The terminal device of claim 10, wherein the high-layer signaling is Radio
20 Resource Control (RRC) signaling.

12. The terminal device of any one of claims 9-11, wherein the target monitoring resource does not comprise a time-domain position configured for the network device to transmit a downlink synchronization signal or a downlink reference signal.

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13. The terminal device of any one of claims 9-12, wherein the target monitoring resource comprises a periodic monitoring position, the target monitoring resource further comprises a frequency-domain resource for each monitoring position, and the frequency-domain resource is a specific frequency-domain width or a whole system
30 bandwidth.

14. The terminal device of any one of claims 9-13, wherein the communication module is further configured to:

receive configuration information from a network device, the configuration information being used to configure a monitoring resource for the terminal device to initially monitor the downlink control information.

- 5 15. The terminal device of claim 14, wherein the monitoring resource for the terminal device to initially monitor the downlink control information is determined by the network device according to at least one of:

 a service feature of the terminal device and a basic parameter set configured for the terminal device.

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