

What is claimed is:

1. A method for repeatedly transmitting information, applied to a terminal device, wherein the terminal device is configured to:

transmit K uplink transmission channels in continuous time domain resources of at least two continuous slots; wherein each of the K uplink transmission channels is used for transmitting target data; K is an integer greater than or equal to 2; wherein the method comprises:

when remaining time domain resources of a slot of the at least two continuous slots cannot transmit an n-th uplink transmission channel of the K uplink transmission channels, transmitting a part of the n-th uplink transmission channel in the remaining time domain resources of the slot, wherein n is an integer greater than or equal to 1 and less than or equal to K, and a quantity of actual transmitted uplink transmission channels is greater than K,

wherein the transmitting a part of the n-th uplink transmission channel in the remaining time domain resources of the slot comprises:

transmitting the part of the n-th uplink transmission channel in the remaining time domain resources of the slot when the remaining time domain resources of the slot is less than time domain resources used for the n-th uplink transmission channel and the remaining time domain resources meet a second agreed condition,

wherein the second agreed condition is that a quantity of time domain symbols of the remaining time domain resources is greater than a preset threshold.

2. The method of claim 1, wherein

the K uplink transmission channels carry different transmission versions of the target data.

3. The method of claim 1, wherein time domain resources used for the each of the K uplink transmission channels are less than time domain resources contained in one slot.

~~4. The method of claim 1, wherein the transmitting a part of the n-th uplink transmission channel in the remaining time domain resources of the slot comprises:~~

~~transmitting the part of the n-th uplink transmission channel in the remaining time domain resources of the slot when the remaining time domain resources of the slot is less than time domain resources used for the n-th uplink transmission channel and the remaining resources~~

~~meet a second agreed condition,~~

~~wherein the second agreed condition is that a quantity of time domain symbols of the remaining time domain resources is greater than or equal to a preset threshold.~~

~~54. The method of claim 41, wherein the preset threshold is 1.~~

5 ~~65. A method for repeatedly transmitting information, applied to a network device, wherein the network device is configured to:~~

transmit K downlink transmission channels in continuous time domain resources of at least two continuous slots; wherein each of the K downlink transmission channels is used for transmitting target data; K is an integer greater than or equal to 2; wherein the method
10 comprises:

when remaining time domain resources of a slot of the at least two continuous slots cannot transmit an n-th downlink transmission channel of the K downlink transmission channels, transmitting a part of the n-th downlink transmission channel in the remaining time domain resources of the slot, wherein n is an integer greater than or equal to 1 and less than or equal to

15 ~~K, and a quantity of actual transmitted downlink transmission channels is greater than K,~~

~~wherein the transmitting a part of the n-th downlink transmission channel in the remaining time domain resources of the slot comprises:~~

~~transmitting the part of the n-th downlink transmission channel in the remaining time domain resources of the slot when the remaining time domain resources of the slot is less than time domain resources used for the n-th downlink transmission channel and the remaining time domain resources meet a second agreed condition,~~

~~wherein the second agreed condition is that a quantity of time domain symbols of the remaining time domain resources is greater than a preset threshold.~~

~~76. The method of claim 65, wherein~~

25 ~~the K downlink transmission channels carry different transmission versions of the target data.~~

~~87. The method of claim 65, wherein time domain resources used for the each of the K downlink transmission channels are less than time domain resources contained in one slot.~~

~~89. The method according to claim 6, wherein the transmitting a part of the n-th downlink transmission channel in the remaining time domain resources of the slot comprises:~~

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~~transmitting the part of the n-th downlink transmission channel in the remaining time domain resources of the slot when the remaining time domain resources of the slot is less than time domain resources used for the n-th downlink transmission channel and the remaining resources meet a second agreed condition,~~

5 ~~wherein the second agreed condition is that a quantity of time domain symbols of the remaining time domain resources is greater than or equal to a preset threshold.~~

~~10. The method of claim 95, wherein the preset threshold is 1.~~

~~119. A terminal device, comprising:~~

10 a first communication unit, configured to transmit K uplink transmission channels in continuous time domain resources of at least two continuous slot; wherein each of the K uplink transmission channels is used for transmitting target data; K is an integer greater than or equal to 2; wherein the first communication unit is configured to, when remaining time domain resources of a slot of the at least two continuous slots cannot transmit an n-th uplink transmission channel of the K uplink transmission channels, transmit a part of the n-th uplink transmission channel in the remaining time domain resources of the slot, wherein n is an integer greater than or equal to 1 and less than or equal to K-, and a quantity of actual transmitted uplink transmission channels is greater than K,

wherein the first communication unit is configured to,

20 transmit a part of the n-th uplink transmission channel in the remaining time domain resources of the slot when the remaining time domain resources of the slot is less than time domain resources used for the n-th uplink transmission channel and the remaining time domain resources meet a second agreed condition,

wherein the second agreed condition is that a quantity of time domain symbols of the remaining time domain resources is greater than a preset threshold.

25 ~~1210. The terminal device of claim 119, wherein~~

~~the K uplink transmission channels carry different transmission versions of the target data.~~

~~1311. The terminal device of claim 119, wherein time domain resources used for the each of the K uplink transmission channels are less than time domain resources contained in one slot.~~

30 ~~1214. The terminal device of claim 11, wherein the first communication unit is configured to,~~

~~transmit a part of the n-th uplink transmission channel in the remaining time domain resources of the slot when the remaining time domain resources of the slot is less than time domain resources used for the n-th uplink transmission channel and the remaining resources meet a second agreed condition;~~

~~wherein the second agreed condition is that a quantity of time domain symbols of the remaining time domain resources is greater than or equal to a preset threshold.~~

15. The terminal device of claim 149, wherein the preset threshold is 1.

1613. A network device comprises:

a second communication unit, configured to transmit K downlink transmission channels in continuous time domain resources of at least two continuous slots; wherein each of the K downlink transmission channels is used for transmitting target data; K is an integer greater than or equal to 2; wherein,

the second communication unit is further configured to, when remaining time domain resources of a slot of the at least two continuous slots cannot transmit an n-th downlink transmission channel of the K downlink transmission channels, transmit a part of the n-th downlink transmission channel in the remaining time domain resources of the slot, wherein n is an integer greater than or equal to 1 and less than or equal to $K-1$, and a quantity of actual transmitted downlink transmission channels is greater than K,

wherein the second communication unit is configured to:

transmit a part of the n-th downlink transmission channel in the remaining time domain resources of the slot when the remaining time domain resources of the slot is less than time domain resources used for the n-th downlink transmission channel and the remaining time domain resources meet a second agreed condition,

wherein the second agreed condition is that a quantity of time domain symbols of the remaining time domain resources is greater than a preset threshold.

1714. The network device of claim 1613, wherein

the K downlink transmission channels carry different transmission versions of the target data.

1815. The network device of claim 1613, wherein time domain resources used for the each of the K downlink transmission channels are less than time domain resources contained in

one slot.

~~19. The network device of claim 28, wherein the second communication unit is configured to:~~

~~transmit a part of the n-th downlink transmission channel in the remaining time domain resources of the slot when the remaining time domain resources of the slot is less than time domain resources used for the n-th downlink transmission channel and the remaining resources meet a second agreed condition;~~

~~wherein the second agreed condition is that a quantity of time domain symbols of the remaining time domain resources is greater than or equal to a preset threshold.~~

~~20~~16. The network device of claim ~~19~~13, wherein the preset threshold is 1.