WHAT IS CLAIMED IS:

1. A time domain resource assignment method, performed by a terminal device and comprising:

obtaining a time domain resource assignment (TDRA) table in response to a current time slot being a special time slot, wherein the current time slot is configured for transmitting a transport block (TBoMS) over a plurality of time slots; and

determining a target time domain resource for transmitting the TBoMS on the special time slot according to the TDRA table.

2. The method according to claim 1, wherein obtaining the time domain resource assignment (TDRA) table comprises:

obtaining a time domain resource assignment mode;

obtaining the TDRA table corresponding to the time domain resource assignment mode.

3. The method according to claim 2, wherein obtaining the time domain resource assignment mode comprises:

receiving a first configuration signaling;

determining the time domain resource assignment mode according to the first configuration signaling.

4. The method according to claim 3, wherein the first configuration signaling is at least one of a system message, a radio resource control (RRC) signaling, a downlink control information (DCI) signaling, or a medium access control control element (MAC CE) signaling.

5. The method according to claim 2, wherein obtaining the time domain resource assignment mode comprises:

obtaining a time slot format index number of the special time slot;

obtaining the time domain resource assignment mode corresponding to the time slot format index number.

6. The method according to claim 2, wherein obtaining the time domain resource assignment mode comprises:

determining a time slot format of the special time slot;

determining a corresponding time domain resource assignment mode according to the time slot format of the special time slot.

7. The method according to any one of claims 2 to 6, wherein when the time domain resource assignment mode is a first time domain resource assignment mode, determining the target time domain resource for transmitting the TBoMS on the special time slot according to the TDRA table comprises:

determining candidate time domain resources for transmitting the TBoMS on the special time slot according to the TDRA table;

determining the target time domain resource for transmitting the TBoMS on the special time slot according to the candidate time domain resources.

8. The method according to claim 7, wherein the TDRA table comprises a first field and a second field, the first field represents an offset of a starting symbol position for transmitting the TBoMS on the special time slot relative to a starting symbol position of the special time slot, and the second field represents a symbol length between the starting symbol position and an ending symbol position for transmitting the TBoMS on the special time slot; determining the candidate time domain resources for transmitting the TBoMS on the special time slot according to the TDRA table comprises:

determining the starting symbol position for transmitting the TBoMS on the special time slot according to the offset;

determining the candidate time domain resources for transmitting the TBoMS on the special time slot according to the starting symbol position and the first symbol length.

~~9. The method according to claim 8, wherein the candidate time domain resources comprise an uplink symbol, a downlink symbol and flexible symbols, and determining the target time domain resource for transmitting the TBoMS on the special time slot according to the candidate time domain resources comprises:~~

~~determining the uplink symbol in the candidate time domain resources as the target time domain resource; or~~

~~determining the uplink symbol in the candidate time domain resources and an available flexible symbol in the flexible symbols as the target time domain resource; or~~

~~determining the uplink symbol and the flexible symbols in the candidate time domain resources as the target time domain resource.~~

~~10. The method according to claim 8, wherein the candidate time domain resources comprise an uplink symbol, a downlink symbol and flexible symbols, and determining the target time domain resource for transmitting the TBoMS on the special time slot according to the candidate time domain resources comprises:~~

~~in response to a priority of transmitting the TBoMS being a first priority, determining the uplink symbol in the candidate time domain resources as the target time domain resource; or~~

~~in response to the priority of transmitting the TBoMS being a second priority, determining the uplink symbols in the candidate time domain resources and an available flexible symbol in the flexible symbols as the target time domain resource; or determining the uplink symbol and the flexible symbols in the candidate time domain resources as the target time domain resource, wherein a level of the second priority is higher than a level of the first priority.~~

~~11. The method according to claim 10, wherein the candidate time domain resources comprise an uplink symbol, a downlink symbol and flexible symbols, and determining the target time domain resource for transmitting the TBoMS on the special time slot according to the candidate time domain resources comprises:~~

~~in response to a transmission mode for transmitting the TBoMS being a license-free transmission mode and the flexible symbols on the special time slot being configured by a slot format indication, determining the uplink symbol in the candidate time domain resources as the target time domain resource; or~~

~~in response to a transmission mode for transmitting the TBoMS being a license-free transmission mode and the flexible symbols on the special time slot being configured by a high layer signaling, determining the uplink symbol in the candidate time domain resources~~

and an available flexible symbol in the flexible symbols as the target time domain resource, or determining the uplink symbol and all flexible symbols in the candidate time domain resources as the target time domain resource.

12. The method according to any one of claims 2 to 6, wherein when the time domain resource assignment mode is a second time domain resource assignment mode, the TDRA table comprises a first field and a second field; the first field represents an offset between a starting symbol position for transmitting the TBoMS on the special time slot relative to a first uplink symbol position on the special time slot, and the second field represents a first symbol length; determining the target time domain resource for transmitting the TBoMS on the special time slot according to the TDRA table comprises:

determining the starting symbol position for transmitting the TBoMS in the special time slot according to the offset;

obtaining a difference obtained by subtracting the starting symbol position from a second symbol length of the special time slot;

in response to the difference being less than the first symbol length, determining the difference as the first symbol length, and determining candidate time slot resources for transmitting the TBoMS in the special time slot according to the starting symbol position and the first symbol length; or

in response to the difference being greater than or equal to the first symbol length, determining the candidate time domain resources for transmitting the TBoMS in the special time slot according to the starting symbol position and the first symbol length;

determining all uplink symbols in the candidate time domain resources as the target time domain resource for transmitting the TBoMS in the special time slot.

13. The method according to any one of claims 2 to 6, wherein when the time domain resource assignment mode is a second time domain resource assignment mode, the TDRA table comprises a first field and a second field; the first field represents an offset of a plurality of starting symbol positions for transmitting the TBoMS on the special time slot relative to a position of a first uplink symbol in continuous uplink symbol segments corresponding to the

~~starting symbol positions respectively; the second field represents a first symbol length; determining the target time-domain resource for transmitting the TBoMS on the special time slot according to the TDRA table comprises:~~

~~determining a third symbol length of the uplink symbol on the special time slot according to a second symbol length of each continuous uplink symbol segment;~~

~~in response to the third symbol length being less than the first symbol length, determining the third symbol length as the first symbol length, and determining the uplink symbol with the first symbol length as the target time domain resource according to each continuous uplink symbol segment and the starting symbol position of each segment; or~~

~~in response to the third symbol length being greater than or equal to the first symbol length, determining the uplink symbol of the first symbol length as the target time domain resource according to each continuous uplink symbol segment and the starting symbol position of each segment.~~

~~14. The method according to any one of claims 2 to 6, wherein when the time domain resource assignment mode is a second time domain resource assignment mode, the TDRA table comprises a first field and a second field; the first field represents an offset of a starting symbol position for transmitting the TBoMS on the special time slot relative to a first available flexible symbol position on the special time slot, and the second field represents a first symbol length; determining the target time domain resource for transmitting the TBoMS on the special time slot according to the TDRA table comprises:~~

~~determining the starting symbol position for transmitting the TBoMS on the special time slot according to the offset;~~

~~obtaining a difference N obtained by subtracting the starting symbol position from the second symbol length of the special time slot, where N is an integer greater than or equal to 1;~~

~~in response to N being less than the first symbol length, starting from the starting symbol position on the special time slot, obtaining N continuous symbols as the candidate time domain resources for transmitting the TBoMS on the special time slot; or~~

in response to N being greater than or equal to the first symbol length, starting from the starting symbol position on the special time slot, obtaining a continuous symbol with a length being the first symbol length as the candidate time domain resources for transmitting the TBoMS on the special time slot;

determining all available flexible symbols and the uplink symbol in the candidate time domain resources as the target time domain resource for transmitting the TBoMS on the special time slot.

15. The method according to any one of claims 2 to 6, wherein when the time domain resource assignment mode is a second time domain resource assignment mode, the TDRA table comprises a first field and a second field; the first field represents an offset of a starting symbol position on each segment of continuous flexible symbols and uplink symbols on the special time slot relative to a position of a first available flexible symbol, and the second field represents a first symbol length; determining the target time domain resource for transmitting the TBoMS on the special time slot according to the TDRA table comprises:

determining a second symbol length according to each segment of continuous flexible symbols and uplink symbols, and the starting symbol position on each segment of continuous flexible symbols and uplink symbols;

in response to the first symbol length being less than the second symbol length, determining the target time domain resource for transmitting the TBoMS according to the first symbol length, each segment of continuous flexible symbols and uplink symbols, and a starting symbol position of each segment of continuous flexible symbols and uplink symbols; or

in response to the first symbol length being greater than the second symbol length, determining the target time domain resource for transmitting the TBoMS according to each continuous symbol and uplink symbol segment, and the starting position on each segment of continuous flexible symbols and uplink symbols.

16. The method according to any one of claims 2 to 6, wherein when the time domain resource assignment mode is a second time domain resource assignment mode, the TDRA

table comprises a first field and a second field; the first field represents an offset of a starting symbol position for transmitting the TBoMS on the special time slot relative to a first flexible symbol position, and the second field represents a first symbol length; determining the target time domain resource for transmitting the TBoMS on the special time slot according to the TDRA table comprises:

determining the starting symbol position for transmitting the TBoMS on the special time slot according to the offset;

obtaining a difference obtained by subtracting a position of the first flexible symbol from a second symbol length of the special time slot;

in response to the difference being less than the first symbol length, determining the difference as the first symbol length, starting from the starting symbol position on the special time slot, obtaining a continuous symbol with a length being the first symbol length as the candidate time domain resources for transmitting the TBoMS on the special time slot; or

in response to the difference being greater than or equal to the first symbol length, starting from the starting symbol position on the special time slot, obtaining the continuous symbol with a length being the first symbol length as the candidate time domain resources for transmitting the TBoMS on the special time slot;

determining all flexible symbols and the uplink symbol in the candidate time domain resources as the target time domain resource for transmitting the TBoMS on the special time slot.

17. The method according to any one of claims 2 to 6, wherein when the time domain resource assignment mode is a second time domain resource assignment mode, the TDRA table comprises a first field and a second field; the first field represents an offset of a starting symbol position on each continuous flexible symbol segment on the special time slot relative to a position of a first flexible symbol, and the second field represents a first symbol length; determining the target time domain resource for transmitting the TBoMS on the special time slot according to the TDRA table comprises:

~~determining the second symbol length according to each continuous flexible symbol segment and the starting position on each continuous flexible symbol segment;~~

~~in response to the first symbol length being less than the second symbol length, determining a target time domain resource for transmitting the TBoMS according to the first symbol length, each continuous flexible symbol segment, and a starting symbol position on each continuous flexible symbol segment; or~~

~~in response to the first symbol length being greater than the second symbol length, determining the target time domain resource for transmitting the TBoMS according to each continuous symbol and uplink symbol segment, and the starting position on each continuous flexible symbol segment.~~

~~18~~9. The method according to any one of claims 2 to 6, wherein when the time domain resource assignment mode is a third time domain resource assignment mode, the TDRA table comprises a first field and a second field; the first field represents an offset of a starting symbol position for transmitting the TBoMS relative to a starting symbol position of the special time slot, and the second field represents a number N of uplink symbols for transmitting the TBoMS on the special time slot; determining the target time domain resource for transmitting the TBoMS on the special time slot according to the TDRA table comprises:

determining the starting symbol position of the time domain resource on the special time slot according to the offset;

starting from the starting symbol position, obtaining the N uplink symbols on the special time slot as the target time domain resource for transmitting the TBoMS on the special time slot.

~~19~~10. The method according to any one of claims 2 to 6, wherein when the time domain resource assignment mode is a third time domain resource assignment mode, the TDRA table comprises a first field and a second field; the first field represents an offset of a starting symbol position for transmitting the TBoMS on the special time slot relative to a starting symbol position of the special time slot, and the second field represents a number N of uplink symbols and available flexible symbols for transmitting the TBoMS on the special time slot;

determining the target time domain resource for transmitting the TBoMS on the special time slot according to the TDRA table comprises:

determining the starting symbol position for transmitting the TBoMS on the special time slot according to the offset;

from the special time slot, obtaining M symbol segments located after the starting symbol position, and determining the M symbol segments as the target time domain resource for transmitting the TBoMS on the special time slot, wherein the symbol segment comprises an uplink symbol and an available flexible symbol, a total number of symbols in the M symbol segments is N, and M is an integer greater than or equal to 1.

~~20~~11. The method according to any one of claims 2 to 6, wherein when the time domain resource assignment mode is a third time domain resource assignment mode, the TDRA table comprises a first field and a second field; the first field represents an offset of the starting symbol position for transmitting the TBoMS on the special time slot relative to a starting symbol position of the special time slot, and the second field represents a number N of uplink symbols and flexible symbols for transmitting the TBoMS on the special time slot; determining the target time domain resource for transmitting the TBoMS on the special time slot according to the TDRA table comprises:

determining the starting symbol position for transmitting the TBoMS on the special time slot according to the offset;

starting from the special time slot, obtaining M symbol segments located after the starting symbol position, and determining the M symbol segments as the target time domain resource for transmitting the TBoMS on the special time slot, wherein the symbol segment comprises an uplink symbol and a flexible symbol, a total number of symbols in the M symbol segments is N, and M is an integer greater than or equal to 1.

~~21. The method according to claim 9, 10, 11, 14, 15 or 19, wherein the available flexible symbol is determined in a following mode:~~

~~according to a number N of protection symbols indicated in a second configuration signaling sent by the network device, determining first N flexible symbols in each continuous~~

~~flexible symbol segment after the uplink symbol and the downlink symbol in the special time slot as the protection symbols, and determining flexible symbols that are not used as the protection symbols in each continuous flexible symbol segment as the available flexible symbol, where N is an integer greater than or equal to 1; or~~

~~according to information in a protocol and/or a third configuration signaling from a network device, and a preset calculation rule, determining first N flexible symbols in each continuous flexible symbol segment on the special time slot as the protection symbols, and determining the flexible symbols that are not used as the protection symbols in each continuous flexible symbol segment as the available flexible symbol, where N is an integer greater than or equal to 1.~~

~~22. The method according to claim 21, wherein the information in the third configuration signaling comprises at least one of:~~

~~downlink to uplink transition time information;~~

~~timing advance information;~~

~~subcarrier spacing information.~~

~~23~~12. A time domain resource assignment method, performed by a network device and comprising:

configuring a time domain resource assignment (TDRA) table to a terminal device, and instructing the terminal device to use a special time slot to transmit a transport block (TBoMS) over a plurality of time slots;

determining a target time domain resource for transmitting the TBoMS on the special time slot according to the TDRA table.

~~24~~13. The method according to claim 12~~23~~, further comprising:

obtaining a time domain resource assignment mode configured for the terminal device;

obtaining a TDRA table corresponding to the time domain resource assignment mode.

~~25. The method according to claim 24, further comprising:~~

~~sending a first configuration signaling to the terminal device, wherein the second first configuration signaling carries the time domain resource assignment mode configured for the terminal device.~~

~~26. The method according to claim 25, wherein the first configuration signaling is a system message, a radio resource control (RRC) signaling, a downlink control information (DCI) signaling or a medium access control control element (MAC CE) signaling.~~

~~27. The method according to claim 24, wherein obtaining the time domain resource assignment mode configured for the terminal device comprises:~~

~~obtaining a time slot format index number configured for the special time slot of the terminal device;~~

~~obtaining the time domain resource assignment mode corresponding to the time slot format index number.~~

~~28. The method according to claim 24, wherein obtaining the time domain resource assignment mode comprises:~~

~~determining a time slot format used by the special time slot provided by the terminal;~~

~~determining a corresponding time domain resource assignment mode according to the time slot format of the special time slot.~~

~~29~~14. The method according to ~~any one of claims 24 to 28~~claim 13, when the time domain resource assignment mode is a first time domain resource assignment mode, determining the target time domain resource for transmitting the TBoMS on the special time slot according to the TDRA table comprises:

determining candidate time domain resources for transmitting the TBoMS on the special time slot according to the TDRA table;

determining the target time domain resource for transmitting the TBoMS on the special time slot according to the candidate time domain resources.

~~30~~15. The method according to claim 14~~29~~, wherein the TDRA table comprises a first field and a second field, the first field represents an offset of a starting symbol position for transmitting the TBoMS on the special time slot relative to a starting symbol position of the

special time slot, and the second field represents a symbol length between the starting symbol position and an ending symbol position for transmitting the TBoMS on the special time slot; determining the candidate time domain resources for transmitting the TBoMS on the special time slot according to the TDRA table comprises:

determining the starting symbol position for transmitting the TBoMS on the special time slot according to the offset;

determining the candidate time domain resources for transmitting the TBoMS on the special time slot according to the starting symbol position and the first symbol length.

~~31. The method according to claim 30, wherein the candidate time domain resources comprise an uplink symbol, a downlink symbol and flexible symbols, and determining the target time domain resource for transmitting the TBoMS on the special time slot according to the candidate time domain resources comprises:~~

~~determining the uplink symbol in the candidate time domain resources as the target time domain resource; or~~

~~determining the uplink symbol in the candidate time domain resources and an available flexible symbol in the flexible symbols as the target time domain resource; or~~

~~determining the uplink symbol and the flexible symbols in the candidate time domain resources as the target time domain resource.~~

~~32. The method according to claim 30, wherein the candidate time domain resources comprise an uplink symbol, a downlink symbol and flexible symbols, and determining the target time domain resource for transmitting the TBoMS on the special time slot according to the candidate time domain resources comprises:~~

~~in response to a priority of transmitting the TBoMS being a first priority, determining the uplink symbol in the candidate time domain resources as the target time domain resource; or~~

~~in response to the priority of transmitting the TBoMS being a second priority, determining the uplink symbols in the candidate time domain resources and an available flexible symbol in the flexible symbols as the target time domain resource; or determining the~~

uplink symbol and the flexible symbols in the candidate time domain resources as the target time domain resource, wherein a level of the second priority is higher than a level of the first priority.

33. The method according to claim 32, wherein the candidate time domain resources comprise an uplink symbol, a downlink symbol and flexible symbols, and determining the target time domain resource for transmitting the TBoMS on the special time slot according to the candidate time domain resources comprises:

in response to a transmission mode for transmitting the TBoMS being a license-free transmission mode and the flexible symbols on the special time slot being configured by a slot format indication, determining the uplink symbol in the candidate time domain resources as the target time domain resource; or

in response to a transmission mode for transmitting the TBoMS being a license-free transmission mode and the flexible symbols on the special time slot being configured by a high layer signaling, determining the uplink symbol in the candidate time domain resources and an available flexible symbol in the flexible symbols as the target time domain resource, or determining the uplink symbol and all flexible symbols in the candidate time domain resources as the target time domain resource.

34. The method according to any one of claims 24 to 28, wherein when the time domain resource assignment mode is a second time domain resource assignment mode, the TDRA table comprises a first field and a second field; the first field represents an offset between a starting symbol position for transmitting the TBoMS on the special time slot relative to a first uplink symbol position on the special time slot, and the second field represents a first symbol length; determining the target time domain resource for transmitting the TBoMS on the special time slot according to the TDRA table comprises:

determining the starting symbol position for transmitting the TBoMS in the special time slot according to the offset;

obtaining a difference obtained by subtracting the starting symbol position from a second symbol length of the special time slot;

in response to the difference being less than the first symbol length, determining the difference as the first symbol length, and determining candidate time slot resources for transmitting the TBoMS in the special time slot according to the starting symbol position and the first symbol length; or

in response to the difference being greater than or equal to the first symbol length, determining the candidate time domain resources for transmitting the TBoMS in the special time slot according to the starting symbol position and the first symbol length;

determining all uplink symbols in the candidate time domain resources as the target time domain resource for transmitting the TBoMS in the special time slot.

35. The method according to any one of claims 24 to 28, wherein when the time domain resource assignment mode is a second time domain resource assignment mode, the TDRA table comprises a first field and a second field; the first field represents an offset of a plurality of starting symbol positions for transmitting the TBoMS on the special time slot relative to a position of a first uplink symbol in continuous uplink symbol segments corresponding to the starting symbol positions respectively; the second field represents a first symbol length; determining the target time domain resource for transmitting the TBoMS on the special time slot according to the TDRA table comprises:

determining a third symbol length of the uplink symbol on the special time slot according to the second symbol length of each continuous uplink symbol segment;

in response to the third symbol length being less than the first symbol length, determining the third symbol length as the first symbol length, and determining the uplink symbol with the first symbol length as the target time domain resource according to each continuous uplink symbol segment and the starting symbol position of each segment; or

in response to the third symbol length being greater than or equal to the first symbol length, determining the uplink symbol of the first symbol length as the target time domain resource according to each continuous uplink symbol segment and the starting symbol position of each segment.

~~36. The method according to any one of claims 24 to 28, wherein when the time domain resource assignment mode is a second time domain resource assignment mode, the TDRA table comprises a first field and a second field; the first field represents an offset of a starting symbol position for transmitting the TBoMS on the special time slot relative to a first available flexible symbol position on the special time slot, and the second field represents a first symbol length; determining the target time domain resource for transmitting the TBoMS on the special time slot according to the TDRA table comprises:~~

~~determining the starting symbol position for transmitting the TBoMS on the special time slot according to the offset;~~

~~obtaining a difference N obtained by subtracting the starting symbol position from a second symbol length of the special time slot, where N is an integer greater than or equal to 1;~~

~~in response to N being less than the first symbol length, starting from the starting symbol position on the special time slot, obtaining N continuous symbols as the candidate time domain resources for transmitting the TBoMS on the special time slot; or~~

~~in response to N being greater than or equal to the first symbol length, starting from the starting symbol position on the special time slot, obtaining a continuous symbol with a length being the first symbol length as the candidate time domain resources for transmitting the TBoMS on the special time slot;~~

~~determining all available flexible symbols and the uplink symbol in the candidate time domain resources as the target time domain resource for transmitting the TBoMS on the special time slot.~~

~~37. The method according to any one of claims 24 to 28, wherein when the time domain resource assignment mode is a second time domain resource assignment mode, the TDRA table comprises a first field and a second field; the first field represents an offset of a starting symbol position on each segment of continuous flexible symbols and uplink symbols on the special time slot relative to a position of a first available flexible symbol, and the second field~~

~~represents a first symbol length; determining the target time domain resource for transmitting the TBoMS on the special time slot according to the TDRA table comprises:~~

~~determining a second symbol length according to each segment of continuous flexible symbols and uplink symbols, and the starting symbol position on each segment of continuous flexible symbols and uplink symbols;~~

~~in response to the first symbol length being less than the second symbol length, determining the target time domain resource for transmitting the TBoMS according to the first symbol length, each segment of continuous flexible symbols and uplink symbols, and a starting symbol position of each segment of continuous flexible symbols and uplink symbols; or~~

~~in response to the first symbol length being greater than the second symbol length, determining the target time domain resource for transmitting the TBoMS according to each continuous symbol and uplink symbol segment, and the starting position on each segment of continuous flexible symbols and uplink symbols.~~

~~38. The method according to any one of claims 24 to 28, wherein when the time domain resource assignment mode is a second time domain resource assignment mode, the TDRA table comprises a first field and a second field; the first field represents an offset of a starting symbol position for transmitting the TBoMS on the special time slot relative to a first flexible symbol position, and the second field represents a first symbol length; determining the target time domain resource for transmitting the TBoMS on the special time slot according to the TDRA table comprises:~~

~~determining the starting symbol position for transmitting the TBoMS on the special time slot according to the offset;~~

~~obtaining a difference obtained by subtracting a position of the first flexible symbol from a second symbol length of the special time slot;~~

~~in response to the difference being less than the first symbol length, determining the difference as the first symbol length, starting from the starting symbol position on the special~~

~~time slot, obtaining a continuous symbol with a length being the first symbol length as the candidate time domain resources for transmitting the TBoMS on the special time slot; or~~

~~in response to the difference being greater than or equal to the first symbol length, starting from the starting symbol position on the special time slot, obtaining the continuous symbol with a length being the first symbol length as the candidate time domain resources for transmitting the TBoMS on the special time slot;~~

~~determining all flexible symbols and the uplink symbol in the candidate time domain resources as the target time domain resource for transmitting the TBoMS on the special time slot.~~

~~39. The method according to any one of claims 24 to 28, wherein when the time domain resource assignment mode is a second time domain resource assignment mode, the TDRA table comprises a first field and a second field; the first field represents an offset of a starting symbol position on each continuous flexible symbol segment on the special time slot relative to a position of a first flexible symbol, and the second field represents a first symbol length; determining the target time domain resource for transmitting the TBoMS on the special time slot according to the TDRA table comprises:~~

~~determining the second symbol length according to each continuous flexible symbol segment and the starting position on each continuous flexible symbol segment;~~

~~in response to the first symbol length being less than the second symbol length, determining a target time domain resource for transmitting the TBoMS according to the first symbol length, each continuous flexible symbol segment, and a starting symbol position on each continuous flexible symbol segment; or~~

~~in response to the first symbol length being greater than the second symbol length, determining the target time domain resource for transmitting the TBoMS according to each continuous symbol and uplink symbol segment, and the starting position on each continuous flexible symbol segment.~~

~~40~~16. The method according to ~~any one of claims 24 to 28~~ claim 13, wherein when the time domain resource assignment mode is a third time domain resource assignment mode, the

TDRA table comprises a first field and a second field; the first field represents an offset of a starting symbol position for transmitting the TBoMS relative to a starting symbol position of the special time slot, and the second field represents a number N of uplink symbols for transmitting the TBoMS on the special time slot; determining the target time domain resource for transmitting the TBoMS on the special time slot according to the TDRA table comprises:

determining the starting symbol position of the time domain resource on the special time slot according to the offset;

starting from the starting symbol position, obtaining the N uplink symbols on the special time slot as the target time domain resource for transmitting the TBoMS on the special time slot.

~~41~~17. The method according to ~~any one of claims 24 to 28~~claim 13, wherein when the time domain resource assignment mode is a third time domain resource assignment mode, the TDRA table comprises a first field and a second field; the first field represents an offset of a starting symbol position for transmitting the TBoMS on the special time slot relative to a starting symbol position of the special time slot, and the second field represents a number N of uplink symbols and available flexible symbols for transmitting the TBoMS on the special time slot; determining the target time domain resource for transmitting the TBoMS on the special time slot according to the TDRA table comprises:

determining the starting symbol position for transmitting the TBoMS on the special time slot according to the offset;

from the special time slot, obtaining M symbol segments located after the starting symbol position, and determining the M symbol segments as the target time domain resource for transmitting the TBoMS on the special time slot, wherein the symbol segment comprises an uplink symbol and an available flexible symbol, a total number of symbols in the M symbol segments is N, and M is an integer greater than or equal to 1.

~~42~~18. The method according to ~~any one of claims 24 to 28~~claim 13, wherein when the time domain resource assignment mode is a third time domain resource assignment mode, the TDRA table comprises a first field and a second field; the first field represents an offset of

the starting symbol position for transmitting the TBoMS on the special time slot relative to a starting symbol position of the special time slot, and the second field represents a number N of uplink symbols and available flexible symbols for transmitting the TBoMS on the special time slot; determining the target time domain resource for transmitting the TBoMS on the special time slot according to the TDRA table comprises:

determining the starting symbol position for transmitting the TBoMS on the special time slot according to the offset;

starting from the special time slot, obtaining M symbol segments located after the starting symbol position, and determining the M symbol segments as the target time domain resource for transmitting the TBoMS on the special time slot, wherein the symbol segment comprises an uplink symbol and an available flexible symbol, a total number of symbols in the M symbol segments is N, and M is an integer greater than or equal to 1.

~~43. The method according to claim 31, 32, 33, 36, 37 or 41, wherein the available flexible symbol is determined in a following mode:~~

~~sending a second configuration signaling to the terminal device, wherein the second configuration information is configured to indicate a number N of protection symbols; or~~

~~sending a third configuration signaling to the terminal device, so that the terminal device determines first N flexible symbols in each continuous flexible symbol segment on the special time slot as the protection symbols according to information in the third configuration signaling and a preset calculation rule, and determining the flexible symbols that are not used as the protection symbols in each continuous flexible symbol segment as the available flexible symbol, where N is an integer greater than or equal to 1.~~

~~44. The method according to claim 43, wherein the information in the third configuration signaling comprises at least one of:~~

~~downlink to uplink transition time information;~~

~~timing advance information;~~

~~subcarrier spacing information.~~

~~45. A time domain resource assignment apparatus, applied to a terminal device and comprising:~~

~~a processing unit configured to obtain a time domain resource assignment (TDRA) table in response to a current time slot being a special time slot, wherein the current time slot is configured for transmitting a transport block (TBoMS) over a plurality of time slots; and determine a target time domain resource for transmitting the TBoMS on the special time slot according to the TDRA table.~~

~~46. A time domain resource assignment apparatus, applied to a network device and comprising:~~

~~a transceiver unit configured to obtain a time domain resource assignment (TDRA) table in response to a current time slot being a special time slot, wherein the current time slot is configured for transmitting a transport block (TBoMS) over a plurality of time slots;~~

~~a processing unit configured to determine a target time domain resource for transmitting the TBoMS on the special time slot according to the TDRA table.~~

~~47~~19. A time domain resource assignment device, comprising:

a processor; and

a memory for storing computer programs that, when executed by the processor, cause the method according to any one of claims 1 to ~~22~~ 11 to be implemented.

~~48~~20. A time domain resource assignment device, comprising:

a processor; and

a memory for storing computer programs that, when executed by the processor, cause the method according to any one of claims ~~23~~ 12 to 18~~44~~ to be implemented.

~~49. A time domain resource assignment device, comprising a processor and an interface circuit;~~

~~wherein the interface circuit is configured to receive code instructions and transmit them to the processor;~~

~~the processor is configured to run the code instructions to perform the method according to any one of claims 1 to 22.~~

~~50. A time domain resource assignment device, comprising a processor and an interface circuit;~~

~~wherein the interface circuit is configured to receive code instructions and transmit them to the processor;~~

~~the processor is configured to run the code instructions to perform the method according to any one of claims 23 to 44.~~

~~51. A computer-readable storage medium having stored instructions that, when executed, implement the method according to any one of claims 1 to 22.~~

~~52. A computer-readable storage medium having stored instructions that, when executed, implement the method according to any one of claims 23 to 44.~~