

What is claim is:

1. A method for indicating time domain resource information, comprising:

receiving, by a terminal device, time domain resource indication information of a data channel conveyed by a network device based on preset subcarrier spacing information in a mobile communication system adopting a plurality of subcarrier spacings,

wherein the preset subcarrier spacing information comprises one of the plurality of subcarrier spacings,

wherein the time domain resource indication information of the data channel comprises:

a time domain starting point and a time domain length of the data channel,

wherein the time domain starting point of the data channel is indicated based on the subcarrier spacing adopted by the data channel.

2. The method of claim 1, wherein that the time domain starting point of the data channel is indicated based on the subcarrier spacing adopted by the data channel comprises:

the time domain starting point of the data channel is indicated in units of a first symbol length and/or a first slot length, wherein the first symbol length is a symbol length based on the subcarrier spacing adopted by the data channel, and the first slot length is a slot length based on the subcarrier spacing adopted by the data channel.

3. The method of claim 2, wherein that the time domain starting point of the data channel is indicated in units of the first symbol length and/or the first slot length comprises:

the time domain starting point of the data channel is indicated by a number of the first symbol lengths and/or the first slot lengths contained in an offset of a time domain position of the data channel relative to that of a control channel; or,

the time domain starting point of the data channel is indicated by a number of the first symbol lengths and/or the first slot lengths contained in an offset of a time domain position of the data channel relative to that of a time domain region containing the control channel.

4. The method of claim 3, wherein the time domain location of the control channel comprises:

the symbol or time slot based on the subcarrier spacing of the data channel where the time domain starting point or time domain ending point of the control channel is located.

5. The method of claim 1, wherein a control channel and the data channel adopt different bandwidth parts in the mobile communication system.

5        6. An apparatus for indicating time domain resource information, arranged at a terminal side, comprising:

an indication transmission unit, used for receiving time domain resource indication information of a data channel conveyed by a network device based on preset subcarrier spacing information in a mobile communication system adopting a plurality of subcarrier spacings,

10        wherein the preset subcarrier spacing information comprises one of the plurality of subcarrier spacings,

wherein the time domain resource indication information of the data channel comprises:

a time domain starting point and a time domain length of the data channel,

15        wherein the time domain starting point of the data channel is indicated based on the subcarrier spacing adopted by the data channel.

7. The apparatus of claim 6, wherein the apparatus further comprises: an indication parsing unit;

the indication transmission unit is used for receiving the time domain resource indication information of the data channel conveyed by the network device;

20        the indication parsing unit is used for parsing, based on the preset subcarrier spacing information, the time domain resource indication information of the data channel received, to determine a time domain resource occupied by the data channel.

8. The apparatus of claim 6, wherein the time domain length of the data channel is indicated based on the subcarrier spacing adopted by the data channel.

25        9. The apparatus of claim 6, wherein a control channel and the data channel adopt different bandwidth parts in the mobile communication system.