WHAT IS CLAIMED IS:

1. A method for indicating a slot format, comprising:

sending, by a network device, a slot format indicator (SFI) to a terminal, wherein the SFI is used to indicate a slot format of at least one carrier, the at least one carrier comprises a first carrier, and a subcarrier spacing of the first carrier is X multiple of a first subcarrier spacing, X being a positive integer; wherein the first subcarrier spacing is configured by radio resource control (RRC) signaling;

wherein each slot format indicated by the SFI is used to determine slot formats of X slots of the first carrier;

wherein the SFI comprises a slot format index, wherein the slot format index is used to indicate the slot format of the at least one carrier, and the slot format index is sent in a field corresponding the carrier for which the slot format is indicated;

wherein the at least one carrier further comprises a second carrier, wherein a subcarrier spacing of the second carrier is equal to the first subcarrier spacing, and each slot format indicated by the SFI is used to determine a slot format of one slot of the second carrier; and

wherein a start time of an i^{th} slot indicated by the SFI on the second carrier is the same as a start time of an $[(i-1)*X+1]^{th}$ slot indicated by the SFI on the first carrier, an end time of the i^{th} slot indicated by the SFI on the second carrier is the same as an end time of an $(i*X)^{th}$ slot indicated by the SFI on the first carrier, and the slot formats of the $[(i-1)*X+1]^{th}$ slot to the $(i*X)^{th}$ slot indicated by the SFI on the first carrier are the same, *i* being a positive integer.

2. The method according to claim 1, wherein the at least one carrier further comprises a third carrier;

wherein the subcarrier spacing of the first carrier is a second subcarrier spacing, and wherein the second subcarrier spacing of the first carrier is N times a subcarrier spacing of the third carrier, and a number of slots indicated by the SFI on the first carrier is N times a number of slots indicated by the SFI on the third carrier, wherein N is a positive integer.

3. The method according to claim 1, wherein the first subcarrier spacing is

15KHz, and the subcarrier spacing of the first carrier is 60KHz.

4. The method according to claim 1, wherein the value of X is one of: 2, 4, 8, 16.

5. A method for indicating a slot format, comprising:

receiving, by a terminal, a slot format indicator (SFI) sent by a network device, wherein the SFI is used to indicate a slot format of at least one carrier, the at least one carrier comprises a first carrier, and a subcarrier spacing of the first carrier is X multiple of a first subcarrier spacing, X being a positive integer; and

determining, by the terminal, slot formats of X slots of the first carrier according to each slot format indicated by the SFI;

wherein the SFI comprises a slot format index, wherein the slot format index is used to indicate the slot format of the at least one carrier, and the slot format index is sent in a field corresponding the carrier for which the slot format is indicated;

wherein the at least one carrier further comprises a second carrier, wherein a subcarrier spacing of the second carrier is equal to the first subcarrier spacing, and each slot format indicated by the SFI is used to determine a slot format of one slot of the second carrier; and

wherein a start time of an i^{th} slot indicated by the SFI on the second carrier is the same as a start time of an $[(i-1)*X+1]^{th}$ slot indicated by the SFI on the first carrier, an end time of the i^{th} slot indicated by the SFI on the second carrier is the same as an end time of an $(i*X)^{th}$ slot indicated by the SFI on the first carrier, and the slot formats of the $[(i-1)*X+1]^{th}$ slot to the $(i*X)^{th}$ slot indicated by the SFI on the first carrier are the same, i being a positive integer.

6. The method according to claim 5, wherein at least one carrier further comprises a third carrier;

wherein the subcarrier spacing of the first carrier is a second subcarrier spacing, and wherein the second subcarrier spacing of the first carrier is N times a subcarrier spacing of the third carrier, and a number of slots indicated by the SFI on the first carrier is N times a number of slots indicated by the SFI on the third carrier, wherein N is a positive integer.

7. The method according to claim 5, wherein the first subcarrier spacing is

15KHz, and the subcarrier spacing of the first carrier is 60KHz.

8. The method according to claim 5, wherein the value of X is one of: 2, 4, 8, 16.

9. A network device, comprising: a processor, a memory, a transceiver, and one or more programs, wherein the one or more programs are stored in the memory and are configured to be executed by the processor, and the program comprises instructions for performing:

sending a slot format indicator (SFI) to a terminal, wherein the SFI is used to indicate a slot format of at least one carrier, the at least one carrier comprises a first carrier, and a subcarrier spacing of the first carrier is X multiple of a first subcarrier spacing, X being a positive integer;

wherein each slot format indicated by the SFI is used to determine slot formats of X slots of the first carrier;

wherein the SFI comprises a slot format index, wherein the slot format index is used to indicate the slot format of the at least one carrier, and the slot format index is sent in a field corresponding the carrier for which the slot format is indicated;

wherein the at least one carrier further comprises a second carrier, wherein a subcarrier spacing of the second carrier is equal to the first subcarrier spacing, and each slot format indicated by the SFI is used to determine a slot format of one slot of the second carrier;

wherein a start time of an i^{th} slot indicated by the SFI on the second carrier is the same as a start time of an $[(i-1)*X+1]^{th}$ slot indicated by the SFI on the first carrier, an end time of the i^{th} slot indicated by the SFI on the second carrier is the same as an end time of an $(i*X)^{th}$ slot indicated by the SFI on the first carrier, and the slot formats of the $[(i-1)*X+1]^{th}$ slot to the $(i*X)^{th}$ slot indicated by the SFI on the first carrier are the same, i being a positive integer.

10. The network device according to claim 9, wherein the at least one carrier further comprises a third carrier;

wherein the subcarrier spacing of the first carrier is a second subcarrier spacing, and wherein the second subcarrier spacing of the first carrier is N times a subcarrier spacing of the third carrier, and a number of slots indicated by the SFI on the first

carrier is N times a number of slots indicated by the SFI on the third carrier, wherein N is a positive integer.

11. The network device according to claim 9, wherein the value of X is one of: 2, 4, 8, 16.

12. A terminal, comprising: a processor, a memory, a communication interface, and one or more programs, wherein the one or more programs are stored in the memory and configured to be executed by the processor, and the program comprises instructions for performing:

receiving a slot format indicator (SFI) sent by a network device, wherein the SFI is used to indicate a slot format of at least one carrier, the at least one carrier comprises a first carrier, and a subcarrier spacing of the first carrier is X multiple of a first subcarrier spacing, X being a positive integer; and

determining slot formats of X slots of the first carrier according to each slot format indicated by the SFI;

wherein the SFI comprises a slot format index, wherein the slot format index is used to indicate the slot format of the at least one carrier, and the slot format index is sent in a field corresponding the carrier for which the slot format is indicated;

wherein the at least one carrier further comprises a second carrier, wherein a subcarrier spacing of the second carrier is equal to the first subcarrier spacing, and each slot format indicated by the SFI is used to determine a slot format of one slot of the second carrier;

wherein a start time of an i^{th} slot indicated by the SFI on the second carrier is the same as a start time of an $[(i-1)*X+1]^{th}$ slot indicated by the SFI on the first carrier, an end time of the i^{th} slot indicated by the SFI on the second carrier is the same as an end time of an $(i*X)^{th}$ slot indicated by the SFI on the first carrier, and the slot formats of the $[(i-1)*X+1]^{th}$ slot to the $(i*X)^{th}$ slot indicated by the SFI on the first carrier are the same, i being a positive integer.

13. The terminal according to claim 12, wherein values of X is one of: 2, 4, 8, 16.

14. The terminal according to claim 12, wherein the at least one carrier further comprises a third carrier;

wherein the subcarrier spacing of the first carrier is a second subcarrier spacing, and wherein the second subcarrier spacing of the first carrier is N times a subcarrier spacing of the third carrier, and a number of slots indicated by the SFI on the first carrier is N times a number of slots indicated by the SFI on the third carrier, wherein N is a positive integer.

15. The terminal according to claim 12, wherein the first subcarrier spacing is 15KHz, and the subcarrier spacing of the first carrier is 60KHz.

16. The network device according to claim 9, wherein the first subcarrier spacing is 15KHz, and the subcarrier spacing of the first carrier is 60KHz.