WHAT IS CLAIMED IS:

1. A method for reporting information, performed by a terminal device, comprising:

sending (201,301) direct current subcarrier information to a network device, wherein the direct current subcarrier information comprises: a number of local oscillators of the terminal device, component carrier information and/or bandwidth part information corresponding to each of at least one local oscillator, and default location information of a direct current subcarrier corresponding to each of the at least one local oscillator;

wherein the component carrier information and/or the bandwidth part information corresponding to each of the at least one local oscillator is used to determine an actual location of at least one direct current subcarrier of the terminal device;

wherein the default location information of the direct current subcarrier corresponding to each of the at least one local oscillator indicates a default location of the corresponding direct current subcarrier; and

the default location of a direct current subcarrier corresponding to a local oscillator is at least one of:

a geometric center between a left edge of a first component carrier in at least one component carrier corresponding to the local oscillator and a right edge of a second component carrier in the at least one component carrier corresponding to the local oscillator;

a geometric center between a left edge of a first activated component carrier in at least one activated component carrier corresponding to the local oscillator and a right edge of a second activated component carrier in the at least one activated component carrier corresponding to the local oscillator; or

a geometric center between a left edge of a first activated bandwidth part in at least one activated bandwidth part corresponding to the local oscillator and a right edge of a second activated bandwidth part in the at least one activated bandwidth part corresponding to the local oscillator.

2. The method according to claim 1, further comprising:

in response to an offset existing between an actual location and a default location of at least one direct current subcarrier, the direct current subcarrier information further comprising: offset information between the actual location and the default location of the direct current subcarrier.

3. The method according to claim 1, further comprising at least one of:

in response to the local oscillator corresponding to one component carrier, the default location of the direct current subcarrier corresponding to the local oscillator being a geometric center of the

one component carrier;

in response to the local oscillator corresponding to one activated component carrier, the default location of the direct current subcarrier corresponding to the local oscillator being a geometric center of the one activated component carrier;

in response to the local oscillator corresponding to one activated bandwidth part, the default location of the direct current subcarrier corresponding to the local oscillator being a geometric center of the one activated bandwidth part.

4. The method according to any one of claims 1 to 3, wherein the number of local oscillators of the terminal device is carried in a dual power amplifier (PA)-architecture signaling or a predefined signaling.

5. The method according to any one of claims 1 to 3, wherein the default location information of the direct current subcarrier corresponding to each of the at least one local oscillator is reported via information of at least 2 bits.

6. The method according to any one of claims 1 to 5, wherein in response to the default location of the direct current subcarrier corresponding to the local oscillator being the geometric center between the left edge of the first activated bandwidth part in the at least one activated bandwidth part corresponding to the local oscillator and the right edge of the second activated bandwidth part in the at least one activated bandwidth part corresponding to the local oscillator, the bandwidth part information in the direct current subcarrier information is activated bandwidth part information.

7. A method for reporting information, performed by a network device, comprising:

receiving (901,1001) direct current subcarrier information sent by a terminal device, wherein the direct current subcarrier information comprises: a number of local oscillators of the terminal device, component carrier information and/or bandwidth part information corresponding to each of at least one local oscillator, and default location information of a direct current subcarrier corresponding to each of the at least one local oscillator; and

determining (902,1002,1102) an actual location of at least one direct current subcarrier of the terminal device according to the direct current subcarrier information;

wherein the default location information of the direct current subcarrier corresponding to each of the at least one local oscillator indicates a default location of the corresponding direct current subcarrier; and

the default location of a direct current subcarrier corresponding to a local oscillator is at least one of:

a geometric center between a left edge of a first component carrier in at least one component carrier corresponding to the local oscillator and a right edge of a second component carrier in the at least one component carrier corresponding to the local oscillator;

a geometric center between a left edge of a first activated component carrier in at least one activated component carrier corresponding to the local oscillator and a right edge of a second activated component carrier in the at least one activated component carrier corresponding to the local oscillator; or

a geometric center between a left edge of a first activated bandwidth part in at least one activated bandwidth part corresponding to the local oscillator and a right edge of a second activated bandwidth part in the at least one activated bandwidth part corresponding to the local oscillator.

8. The method according to claim 7, further comprising:

in response to an offset existing between an actual location and a default location of at least one direct current subcarrier, the direct current subcarrier information further comprising: offset information between the actual location and the default location of the direct current subcarrier.

9. The method according to claim 7, further comprising at least one of:

in response to the local oscillator corresponding to one component carrier, the default location of the direct current subcarrier corresponding to the local oscillator being a geometric center of the one component carrier;

in response to the local oscillator corresponding to one activated component carrier, the default location of the direct current subcarrier corresponding to the local oscillator being a geometric center of the one activated component carrier;

in response to the local oscillator corresponding to one activated bandwidth part, the default location of the direct current subcarrier corresponding to the local oscillator being a geometric center of the one activated bandwidth part.

10. The method according to any one of claims 7to 9, wherein the number of local oscillators of the terminal device is carried in a dual power amplifier (PA)-architecture signaling or a predefined signaling.

11. The method according to any one of claims 7to 9, wherein the default location information of the direct current subcarrier corresponding to each of the at least one local oscillator is reported

via information of at least 2 bits.

12. The method according to any one of claims 7 to 11, wherein in response to the default location of the direct current subcarrier corresponding to the local oscillator being the geometric center between the left edge of the first activated bandwidth part in the at least one activated bandwidth part corresponding to the local oscillator and the right edge of the second activated bandwidth part in the at least one activated bandwidth part corresponding to the local oscillator, the bandwidth part information in the direct current subcarrier information is activated bandwidth part information.

13. An apparatus for reporting information, applicable to a terminal device, comprising:

a transceiver unit, configured to send direct current subcarrier information to a network device, wherein the direct current subcarrier information comprises: a number of local oscillators of the terminal device, component carrier information and/or bandwidth part information corresponding to each of at least one local oscillator, and default location information of a direct current subcarrier corresponding to each of the at least one local oscillator;

wherein the component carrier information and/or the bandwidth part information corresponding to each of the at least one local oscillator is used to determine an actual location of at least one direct current subcarrier of the terminal device;

wherein the default location information of the direct current subcarrier corresponding to each of the at least one local oscillator indicates a default location of the corresponding direct current subcarrier; and

the default location of a direct current subcarrier corresponding to a local oscillator is at least one of:

a geometric center between a left edge of a first component carrier in at least one component carrier corresponding to the local oscillator and a right edge of a second component carrier in the at least one component carrier corresponding to the local oscillator;

a geometric center between a left edge of a first activated component carrier in at least one activated component carrier corresponding to the local oscillator and a right edge of a second activated component carrier in the at least one activated component carrier corresponding to the local oscillator; or

a geometric center between a left edge of a first activated bandwidth part in at least one activated bandwidth part corresponding to the local oscillator and a right edge of a second activated bandwidth part in the at least one activated bandwidth part corresponding to the local oscillator.

14. An apparatus for reporting information, applicable to a network device, comprising:

a transceiver unit, configured to receive direct current subcarrier information sent by a terminal device, wherein the direct current subcarrier information comprises: a number of local oscillators of the terminal device, component carrier information and/or bandwidth part information corresponding to each of at least one local oscillator, and default location information of a direct current subcarrier corresponding to each of the at least one local oscillator; and

a processing unit, configured to determine an actual location of at least one direct current subcarrier of the terminal device according to the direct current subcarrier information;

wherein the default location information of the direct current subcarrier corresponding to each of the at least one local oscillator indicates a default location of the corresponding direct current subcarrier; and

the default location of a direct current subcarrier corresponding to a local oscillator is at least one of:

a geometric center between a left edge of a first component carrier in at least one component carrier corresponding to the local oscillator and a right edge of a second component carrier in the at least one component carrier corresponding to the local oscillator;

a geometric center between a left edge of a first activated component carrier in at least one activated component carrier corresponding to the local oscillator and a right edge of a second activated component carrier in the at least one activated component carrier corresponding to the local oscillator; or

a geometric center between a left edge of a first activated bandwidth part in at least one activated bandwidth part corresponding to the local oscillator and a right edge of a second activated bandwidth part in the at least one activated bandwidth part corresponding to the local oscillator.

15. A communication apparatus, comprising:

a processor; and

a memory, having stored therein a computer program,

wherein the processor is configured to execute the computer program stored in the memory to cause the apparatus to perform the method according to any one of claims 1 to 12.

16. A computer-readable storage medium, having stored therein an instruction that, when executed, causes the method according to any one of claims 1 to 12 to be performed.