

interval between two adjacent scheduling subframes;

a determining module configured to determine a short transmission time interval sTTI resource activated in a target scheduling subframe according to the SPS configuration information and reference information; and

a sending module configured to provide an activation parameter to a physical layer in accordance with the sTTI resource activated in the target scheduling subframe, such that the physical layer generates an activation notification containing the activation parameter for notifying a terminal of the sTTI resource activated in the target scheduling subframe.

13. The scheduler according to claim 12, wherein the SPS configuration information further comprises a reference value of a number of the activated sTTI resources.

14. The scheduler according to claim 12 or 13, wherein the activation parameter is configured to indicate a number and a location of the sTTI resource activated in the target scheduling subframe.

15. The scheduler according to any one of claims 12 to 14, wherein one subframe is taken as a notification period by the activation notification.

16. The scheduler according to any one of claims 12 to 15, wherein the activation notification is downlink control information DCI.

17. The scheduler according to any one of claims 12 to 16, wherein the reference information comprises at least one of: sTTI configuration information, data to be scheduled by the scheduler, and a radio resource condition.

18. The scheduler according to any one of claims 12 to 17, wherein each sTTI resource is 0.5 ms or two orthogonal frequency division multiplexing OFDM symbols.

19. A terminal, comprising:

a configuration receiving module configured to receive semi-persistent scheduling SPS configuration information sent by a base station, the SPS configuration information comprising a period of SPS, and the period of the SPS being used for indicating a time interval between two adjacent scheduling subframes;

a notification acquiring module configured to acquire an activation notification sent by the base station according to a period of the SPS, the activation notification containing an activation parameter for indicating a short transmission time interval sTTI resource activated in a target scheduling subframe; and

a data transmission module configured to occupy the activated sTTI resource in the target scheduling subframe for data transmission.

20. The terminal according to claim 19, wherein the activation parameter is configured to indicate a number and a location of the sTTI resource activated in the target scheduling subframe.

21. The terminal according to claim 19 or 20, wherein the activation notification is downlink control information DCI.

22. The terminal according to any one of claims 19 to 21, wherein each sTTI resource is 0.5 ms or two orthogonal frequency division multiplexing OFDM symbols.

23. A base station, comprising:

a processor; and

a memory for storing instructions executable by the processor;

wherein the processor is configured to:

control a radio resource control RRC layer to send semi-persistent scheduling SPS configuration information to a scheduler, the SPS configuration information comprising a period of SPS, and the period of the SPS being used for indicating a time interval between two adjacent scheduling subframes;

control the scheduler to determine a short transmission time interval sTTI resource activated in a target scheduling subframe according to the SPS configuration information and reference information, and provide an activation parameter to a physical layer according to the sTTI resource activated in the target scheduling subframe; and

control the physical layer to generate an activation notification containing the activation parameter, and send the activation notification to the terminal, the activation notification being used for notifying a terminal of the sTTI resource activated in the target scheduling subframe.

24. A terminal, comprising:

a processor; and

a memory for storing instructions executable by the processor;

wherein the processor is configured to:

receive semi-persistent scheduling SPS configuration information sent by a base station, the SPS configuration information comprising a period of SPS, the period of the SPS being used for indicating a time interval between two adjacent scheduling subframes;

acquire an activation notification sent by the base station according to the period of the SPS, the activation notification containing an activation parameter for indicating a short transmission time interval sTTI resource activated in a target scheduling subframe; and

occupy the activated sTTI resource in the target scheduling subframe for data transmission.