WHAT IS CLAIMED IS:

1. A method for indicating a Radio Bearer (RB), characterized in that, implemented by a base station, the method comprising:

configuring at least one transmission function for an RB, wherein the at least one transmission function comprises a Packet Data Convergence Protocol (PDCP) packet duplication function and a bearer splitting function;

configuring at least two transmission entities shared for implementing the PDCP packet duplication function and the bearer splitting function;

adding first information into a first indication message, the first information being for representing the at least one transmission function and the at least two transmission entities; and

sending the first indication message to a terminal to enable the terminal to set a transmission function and transmission entities corresponding to the RB according to the first indication message,

the method further comprises:

configuring an initial state of the PDCP packet duplication function, the initial state being an active state or an inactive state;

configuring a specified threshold and a specified transmission entity in a bearer splitting rule, the specified transmission entity being a primary Radio Link Control (RLC) entity or a secondary RLC entity;

adding fourth information into the first indication message, wherein the fourth information is for representing the initial state, the specified threshold as well as the specified transmission entity to enable the terminal to set the initial state configured by the base station as the initial state of the PDCP packet duplication function, set the bearer splitting rule corresponding to the bear splitting function based on the specified threshold and a specified transmission entity which are configured by the base station, and when determining the initial state is the active state, stop the bear splitting function and send a PDCP packet and a PDCP duplicate packet respectively through the primary RLC entity and the secondary RLC entity;

otherwise, when determining the initial state is the inactive state, perform data transmission by use of a present transmission entity indicated by the bearer splitting rule.

2. A device for indicating a Radio Bearer (RB), characterized in that, implemented by a base station, the device comprising:

a first configuration module, configured to configure at least one transmission function for an RB, wherein the at least one transmission function comprises a Packet Data Convergence Protocol (PDCP) packet duplication function and a bearer splitting function;

a second configuration module, configured to configure at least two transmission entities shared for implementing the PDCP packet duplication function and the bearer splitting function;

a first addition module, configured to add first information into a first indication message, the first information being for representing the at least one transmission function and the at least two transmission entities; and

a first sending module, configured to send the first indication message to a terminal to enable the terminal to set a transmission function and transmission entities corresponding to the RB according to the first indication message;

the device further comprises:

a fifth configuration module, configured to configure an initial state of the PDCP packet duplication function, the initial state being an active state or an inactive state;

a sixth configuration module, configured to configure a specified threshold and a specified transmission entity in a bearer splitting rule, the specified transmission entity being a primary Radio Link Control (RLC) entity or a secondary RLC entity;

a fourth addition module, configured to add fourth information into the first indication message, wherein the fourth information is for representing the initial state, the specified threshold as well as the specified transmission entity to enable the terminal to set the initial state configured by the base station as the initial state of the PDCP packet duplication function, set the bearer splitting rule corresponding to the bear splitting function based on the specified threshold and a specified transmission entity which are configured by the base

station, and when determining the initial state is the active state, stop the bear splitting function and send a PDCP packet and a PDCP duplicate packet respectively through the primary RLC entity and the secondary RLC entity; otherwise, when determining the initial state is the inactive state, perform data transmission by use of a present transmission entity indicated by the bearer splitting rule.

3. The device of claim 2, wherein the at least two transmission entities comprise a primary Radio Link Control (RLC) entity and a secondary RLC entity.

4. The device of claim 2, wherein

the at least one transmission function comprises the PDCP packet duplication function only, and the device further comprises:

a third configuration module, configured to configure an initial state of the PDCP packet duplication function, the initial state being an active state or an inactive state; and

a second addition module, configured to add second information for representing the initial state into the first indication message;

or,

the at least one transmission function comprises the bearer splitting function only, and the device further comprises:

a fourth configuration module, configured to configure a specified threshold and a specified transmission entity for bearer splitting, the specified transmission entity being the primary RLC entity or the secondary RLC entity; and

a third addition module, configured to add third information for representing the specified threshold and the specified transmission entity into the first indication message.

5. The device of claim 2, further comprising:

a second sending module, configured to send a second indication message to the terminal, the second indication message being for representing a deactivation instruction for a PDCP packet duplication function; or

a third sending module, configured to send a third indication message to the terminal, the third indication message being for representing a de-configuration instruction for a PDCP packet duplication function; or

a fourth sending module, configured to send a fourth indication message to the terminal, the fourth indication message being for representing a de-configuration instruction for a bearer splitting function.

6. A device for indicating a Radio Bearer (RB), characterized in that, implemented by a terminal, the device comprising:

a first receiving module, configured to receive a first indication message from a base station, the first indication message comprising first information and the first information being for representing at least one transmission function and at least two different transmission entities configured by the base station for an RB, wherein the at least one transmission function comprises a Packet Data Convergence Protocol (PDCP) packet duplication function and a bearer splitting function;

a first setting module, configured to set the PDCP packet duplication function and the bearer splitting function corresponding to the RB according to the at least one transmission function indicated in the first information; and

a second setting module, configured to set transmission entities corresponding to the RB according to the at least two different transmission entities indicated in the first information,

wherein the first indication message further comprises fourth information; the fourth information is for representing an initial state, configured by the base station, of the PDCP packet duplication function, a specified threshold and a specified transmission entity configured by the base station for bearer splitting; the initial state is an active state or an inactive state; the specified transmission entity is a primary RLC entity or a secondary RLC entity;

the device further comprises:

a sixth setting module, configured to, after transmission functions corresponding to the RB are set to be the PDCP packet duplication function and the bearer splitting function, set

the initial state configured by the base station as the initial state of the PDCP packet duplication function;

a seventh setting module, configured to set a bearer splitting rule corresponding to the bearer splitting function according to the specified threshold and the specified transmission entity configured by the base station, wherein the bearer splitting rule comprises that, upon when a transmitted data size is smaller than the specified threshold, the specified transmission entity is indicated as a present transmission entity and, upon when the transmitted data size is larger than or equal to the specified threshold, both the primary RLC entity and the secondary RLC entity are indicated as present transmission entities;

a first determination module, configured to determine whether the initial state of the PDCP packet duplication function is the active state or not;

a second transmission module, configured to, responsive to determining that the initial state is the active state, stop the bearer splitting function and send a PDCP packet and a PDCP duplicate packet through the primary RLC entity and the secondary RLC entity respectively; and

a third transmission module, configured to, responsive to determining that the initial state is the inactive state, perform data transmission by use of the present transmission entity indicated in the bearer splitting rule.

7. The device of claim 6, wherein the at least two transmission entities comprise a primary Radio Link Control (RLC) entity and a secondary RLC entity, and

the second setting module comprises:

a first setting submodule, configured to set the primary RLC entity and secondary RLC entity configured by the base station as the transmission entities corresponding to the RB.

8. The device of claim 6 or 7, wherein the at least one transmission function comprises the Packet Data Convergence Protocol (PDCP) packet duplication function and/or the bearer splitting function, and

the first setting module comprises:

a second setting submodule, configured to, in a case that the at least one transmission function comprises the PDCP packet duplication function only, set the transmission function corresponding to the RB to be the PDCP packet duplication function;

a third setting submodule, configured to, in a case that the at least one transmission function comprises the bearer splitting function only, set the transmission function corresponding to the RB to be the bearer splitting function.

9. The device of claim 8, wherein:

the device further comprises:

a third setting module, configured to, after the transmission function corresponding to the RB is set to be the PDCP packet duplication function, set a system default initial state as an initial state of the PDCP packet duplication function, the system default initial state comprising an active state or an inactive state;

or,

the first indication message further comprises second information, the second information is for representing an initial state, configured by the base station, of the PDCP packet duplication function, the initial state is an active state or an inactive state, and

the device further comprises:

a fourth setting module, configured to, after the transmission function corresponding to the RB is set to be the PDCP packet duplication function, set the initial state configured by the base station as the initial state of the PDCP packet duplication function;

or,

the first indication message further comprises third information, the third information is for representing a specified threshold and a specified transmission entity configured by the base station for bearer splitting, the specified transmission entity is the primary RLC entity or the secondary RLC entity, and the device further comprises:

a fifth setting module, configured to, after the transmission function corresponding to the RB is set to be the bearer splitting function, set a bearer splitting rule corresponding to

the bearer splitting function according to the specified threshold and the specified transmission entity configured by the base station, wherein the bearer splitting rule comprising that, upon when a transmitted data size is smaller than the specified threshold, the specified transmission entity is indicated as a present transmission entity and, upon when the transmitted data size is larger than or equal to the specified threshold, both the primary RLC entity and the secondary RLC entity are indicated as present transmission entities; and

a first transmission module, configured to perform data transmission by use of the present transmission entity indicated in the bearer splitting rule.

10. The device of claim 6, further comprising:

a second receiving module, configured to receive a second indication message from the base station, the second indication message being for representing a deactivation instruction for a PDCP packet duplication function;

a second determination module, configured to, in a case that the transmission function corresponding to the RB comprises the PDCP packet duplication function and the PDCP packet duplication function is in an active state, determine whether the transmission function corresponding to the RB comprises a bearer splitting function or not according to the second indication message;

a fourth transmission module, configured to, responsive to determining that the transmission function corresponding to the RB comprises the bearer splitting function, continue performing data transmission by use of a primary RLC entity and a secondary RLC entity and enable the bearer splitting function, or, not enable the bearer splitting function and perform data transmission by use of a primary RLC entity; and

a fifth transmission module, configured to, responsive to determining that the transmission function corresponding to the RB does not comprise the bearer splitting function, reconstruct the secondary RLC entity and perform data transmission by use of the primary RLC entity.

11. The device of claim 10, wherein the fourth transmission module comprises:

a second determination submodule, configured to determine whether a transmission function first to be enabled, configured by the base station, is the bearer splitting function or not;

a third transmission submodule, configured to, responsive to determining that the transmission function first to be enabled, configured by the base station, is the bearer splitting function, continue data transmission by use of the primary RLC entity and the secondary RLC entity; and

a fourth transmission submodule, configured to, responsive to determining that the transmission function first to be enabled, configured by the base station, is not the bearer splitting function, not enable the bearer splitting function, reconstruct the secondary RLC entity and perform data transmission by use of the primary RLC entity.

12. The device of claim 6 or 10, further comprising:

a third receiving module, configured to receive a third indication message from the base station, the third indication message being for representing a de-configuration instruction for a PDCP packet duplication function;

a third determination module, configured to determine whether the transmission function corresponding to the RB comprises a bearer splitting function or not according to the third indication message;

a sixth transmission module, configured to, responsive to determining that the transmission function corresponding to the RB comprises the bearer splitting function, continue data transmission by use of a primary RLC entity and a secondary RLC entity and enable the bearer splitting function; and

a seventh transmission module, configured to, responsive to determining that the transmission function corresponding to the RB does not comprise the bearer splitting function, release the secondary RLC entity and perform data transmission by use of the primary RLC entity.

13. The device of claim 6 or 10, further comprising:

a fourth receiving module, configured to receive a fourth indication message from the base station, the fourth indication message being for representing a de-configuration instruction for a bearer splitting function; and

a stopping module, configured to, in a case that the transmission function corresponding to the RB comprises a PDCP packet duplication function and a bearer splitting function, stop the bearer splitting function according to the fourth indication message.

14. The device of claim 13, further comprising:

an eighth transmission module, configured to, after the bearer splitting function is stopped according to the fourth indication message, in a case that the PDCP packet duplication function is in an inactive state, perform data transmission through a primary RLC entity, or, reconstruct a secondary RLC entity and continue data transmission through the primary RLC entity.