CLAIMS

1. A communication method, comprising:

receiving, by a receive device, a data unit from a transmit device through a link; and

if the data unit meets a preset condition, sending, by the receive device, receiving status information of the data unit to the transmit device through the link, wherein

the preset condition comprises: an acknowledge policy corresponding to the data unit is not set to no acknowledge, and a sequence number, SN of the data unit is greater than or equal to a start sequence number, SSN in a block acknowledge, BA frame; and the receiving status information of the data unit is carried in the BA frame.

2. The communication method according to claim 1, wherein the data unit is a medium access control service data unit, MSDU or an aggregated medium access control service data unit, A-MSDU.

3. A communication method, comprising:

receiving, by a receive device, a data unit from a transmit device through a link; and

if a sequence number, SN of the data unit falls within a bitmap range of a scoreboard, sending, by the receive device, receiving status information of the data unit to the transmit device through the link, wherein

the scoreboard corresponds to the link, and the receiving status information of the data unit is carried in a block acknowledge, BA frame.

4. The communication method according to claim 3, wherein the data unit is a medium access control service data unit, MSDU or an aggregated medium access control service data unit, A-MSDU.

5. A receive device, comprising:

an interface module, configured to receive a data unit from a transmit device through a link; and

a processing module, configured to determine that the data unit meets a preset condition, wherein the preset condition comprises: an acknowledge policy corresponding to the data unit is not set to no acknowledge, and a sequence number, SN of the data unit is greater than or equal to a start sequence number, SSN in a block acknowledge, BA frame; and receiving status

information of the data unit is carried in the BA frame, wherein

the interface module is further configured to: when the processing module determines that the data unit meets the preset condition, send the receiving status information of the data unit to the transmit device through the link.

6. The receive device according to claim 5, wherein the data unit is a medium access control service data unit, MSDU or an aggregated medium access control service data unit, A-MSDU.

7. A receive device, comprising:

an interface module, configured to receive a data unit from a transmit device through a link; and

a processing module, configured to determine that a sequence number, SN of the data unit falls within a bitmap range of a scoreboard, wherein

the interface module is further configured to: when the processing module determines that the sequence number, SN of the data unit falls within the bitmap range of the scoreboard, send receiving status information of the data unit to the transmit device through the link, wherein

the scoreboard corresponds to the link, and the receiving status information of the data unit is carried in a block acknowledge, BA frame.

8. The receive device according to claim 7, wherein the data unit is a medium access control service data unit, MSDU or an aggregated medium access control service data unit, A-MSDU.

9. A computer-readable storage medium, wherein the computer-readable storage medium stores a program, and when the program is invoked by a processor, a communication method is performed, the communication method, comprising:

receiving a data unit from a transmit device through a link; and

if the data unit meets a preset condition, sending receiving status information of the data unit to the transmit device through the link, wherein

the preset condition comprises: an acknowledge policy corresponding to the data unit is not set to no acknowledge, and a sequence number, SN of the data unit is greater than or equal to a start sequence number, SSN in a block acknowledge, BA frame; and the receiving status information of the data unit is carried in the BA frame.

10. The computer-readable storage medium according to claim 9, wherein the data unit is a medium access control service data unit, MSDU or an aggregated medium access control service data unit, A-MSDU.

11. A computer-readable storage medium, wherein the computer-readable storage medium stores a program, and when the program is invoked by a processor, a communication method is performed, the communication method, comprising:

receiving a data unit from a transmit device through a link; and

if a sequence number, SN of the data unit falls within a bitmap range of a scoreboard, sending receiving status information of the data unit to the transmit device through the link, wherein the scoreboard corresponds to the link, and the receiving status information of the data unit is carried in a block acknowledge, BA frame.

12. The computer-readable storage medium according to claim 11, wherein the data unit is a medium access control service data unit, MSDU or an aggregated medium access control service data unit, A-MSDU.

13. A computer program, wherein when the program is invoked by a processor, a communication method is performed, the communication method, comprising:

receiving a data unit from a transmit device through a link; and

if the data unit meets a preset condition, sending receiving status information of the data unit to the transmit device through the link, wherein

the preset condition comprises: an acknowledge policy corresponding to the data unit is not set to no acknowledge, and a sequence number, SN of the data unit is greater than or equal to a start sequence number, SSN in a block acknowledge, BA frame; and the receiving status information of the data unit is carried in the BA frame.

14. The computer program according to claim 13, wherein the data unit is a medium access control service data unit, MSDU or an aggregated medium access control service data unit, A-MSDU.

15. A computer program, wherein when the program is invoked by a processor, a communication method is performed, the communication method, comprising:

receiving a data unit from a transmit device through a link; and

if a sequence number, SN of the data unit falls within a bitmap range of a scoreboard, sending receiving status information of the data unit to the transmit device through the link, wherein the scoreboard corresponds to the link, and the receiving status information of the data unit is carried in a block acknowledge BA frame.

16. The computer program according to claim 15, wherein the data unit is a medium access

control service data unit, MSDU or an aggregated medium access control service data unit, A-MSDU.