WHAT IS CLAIMED IS:

1. A method for processing a discontinuous reception (DRX), performed by a terminal device, the method comprising:

determining that a transmission time of a downlink hybrid automatic repeat request (HARQ) process feedback of the terminal device is postponed; and

~~processing a downlink HARQ timer of the HARQ process feedback based on a first resource before the transmission time is postponed, and/or,~~

processing a downlink HARQ timer of the HARQ process feedback based on a ~~second~~ resource after the transmission time is postponed.

2. The method according to claim 1, wherein a trigger condition that the transmission time of the downlink HARQ process feedback is postponed comprises any one of:

a transmission time position of the downlink HARQ process feedback being a transmission time position of a downlink resource configured by a network device;

the terminal device failing to access a channel at the transmission time position of the downlink HARQ process feedback;

receiving indication information transmitted by a network device, wherein the indication information is configured to indicate that the transmission time of the downlink HARQ process feedback is postponed;

the transmission time position of the downlink HARQ process feedback colliding with transmission of a high-priority signal; or

an uplink transmission power of the terminal device failing to transmit the downlink HARQ process feedback.

~~3. The method according to claim 1, wherein processing the downlink HARQ timer of the HARQ process feedback based on the first resource before the transmission time is postponed comprises:~~

~~starting a downlink HARQ round trip time (RTT) timer of the HARQ process feedback behind a transmission end position of the first resource.~~

4<u>3</u>. The method according to claim 1, wherein processing the downlink HARQ timer of the HARQ process feedback based on the ~~second~~ resource after the transmission time is postponed comprises:

starting a downlink HARQ round trip time (RTT) timer of the HARQ process feedback behind a transmission end position of the ~~second~~ resource.

~~5. The method according to claim 1, wherein processing the downlink HARQ timer of the HARQ process feedback based on the first resource before the transmission time is postponed and the second resource after the transmission time is postponed comprises:~~

~~determining a start position of a downlink HARQ retransmission timer corresponding to a downlink HARQ round trip time (RTT) timer, wherein the downlink HARQ RTT timer is started at a transmission end position of the first resource; and~~

~~comparing the start position of the downlink HARQ retransmission timer with a transmission position of the second resource, and determining a start position of the downlink HARQ RTT timer based on a comparison result.~~

~~6. The method according to claim 5, wherein comparing the start position of the downlink HARQ retransmission timer with the transmission position of the second resource, and determining the start position of the downlink HARQ RTT timer based on the comparison result comprises:~~

~~starting the downlink HARQ RTT timer of the HARQ process feedback behind the transmission end position of the first resource in response to the start position of the downlink HARQ retransmission timer being behind the transmission position of the second resource; or,~~

~~starting the downlink HARQ RTT timer of the HARQ process feedback behind the transmission end position of the second resource in response to the start position of the downlink HARQ retransmission timer preceding or coinciding with the transmission position of the second resource.~~

~~7. The method according to claim 1, wherein processing the downlink HARQ timer of the HARQ process feedback based on the first resource before the transmission time is postponed and the second resource after the transmission time is postponed comprises:~~

~~starting a downlink HARQ round trip time (RTT) timer of the HARQ process feedback behind a transmission end position of the first resource; and~~

~~restarting the downlink HARQ RTT timer of the HARQ process feedback behind a transmission end position of the second resource.~~

~~8. The method according to claim 1, wherein processing the downlink HARQ timer of the HARQ process feedback based on the first resource before the transmission time is postponed and the second resource after the transmission time is postponed comprises:~~

~~starting a first downlink HARQ round trip time (RTT) timer of the HARQ process feedback behind a transmission end position of the first resource;~~

~~starting a second downlink HARQ RTT timer of the HARQ process feedback behind a~~

~~transmission end position of the second resource;~~

~~starting a first downlink HARQ retransmission timer after the first downlink HARQ RTT timer expires; and~~

~~starting a second downlink HARQ retransmission timer after the second downlink HARQ RTT timer expires.~~

~~9~~4. The method according to claim 1, wherein processing the downlink HARQ timer of the HARQ process feedback based on the ~~second~~ resource after the transmission time is postponed comprises:

starting a downlink HARQ retransmission timer of the HARQ process feedback behind a transmission end position of the ~~second~~ resource.

~~10~~5. The method according to any one of claims 1 to ~~9~~4, wherein

a downlink data channel corresponding to the HARQ process feedback is a semi-persistent scheduling downlink data channel.

~~11. An apparatus for processing a discontinuous reception (DRX), comprising:~~

~~a determining module, configured to determine that a transmission time of a downlink hybrid automatic repeat request (HARQ) process feedback of the apparatus is postponed; and~~

~~a processing module, configured to process a downlink HARQ timer of the HARQ process feedback based on a first resource before the transmission time is postponed, and/or, process a downlink HARQ timer of the HARQ process feedback based on a second resource after the transmission time is postponed.~~

~~12. The apparatus according to claim 11, wherein a trigger condition of the transmission time of the downlink HARQ process feedback being postponed comprises any one of:~~

~~a transmission time position of the downlink HARQ process feedback being a transmission time position of a downlink resource configured by a network device;~~

~~the apparatus failing to access a channel at the transmission time position of the downlink HARQ process feedback;~~

~~receiving indication information transmitted by a network device, wherein the indication information is configured to indicate that the transmission time of the downlink HARQ process feedback is postponed;~~

~~the transmission time position of the downlink HARQ process feedback colliding with transmission of a high-priority signal; or~~

~~an uplink transmission power of the apparatus failing to transmit the downlink HARQ process feedback.~~

~~13. The apparatus according to claim 11, wherein the processing module is specifically configured to:~~

~~start a downlink HARQ round trip time (RTT) timer of the HARQ process feedback behind a transmission end position of the first resource.~~

~~14. The apparatus according to claim 11, wherein the processing module is specifically configured to:~~

~~start a downlink HARQ round trip time (RTT) timer of the HARQ process feedback behind a transmission end position of the second resource.~~

~~15. The apparatus according to claim 11, wherein the processing module is specifically configured to:~~

~~determine a start position of a downlink HARQ retransmission timer corresponding to a downlink HARQ round trip time (RTT) timer, wherein the downlink HARQ RTT timer is started at a transmission end position of the first resource; and~~

~~compare the start position of the downlink HARQ retransmission timer with a transmission position of the second resource, and determining a start position of the downlink HARQ RTT timer based on a comparison result.~~

~~16. The apparatus according to claim 15, wherein the processing module is specifically configured to:~~

~~start the downlink HARQ RTT timer of the HARQ process feedback behind the transmission end position of the first resource in response to the start position of the downlink HARQ retransmission timer being behind the transmission position of the second resource; or,~~

~~start the downlink HARQ RTT timer of the HARQ process feedback behind the transmission end position of the second resource in response to the start position of the downlink HARQ retransmission timer preceding or coinciding with the transmission position of the second resource.~~

~~17. The apparatus according to claim 11, wherein the processing module is specifically configured to:~~

~~start the downlink HARQ round trip time (RTT) timer of the HARQ process feedback behind a transmission end position of the first resource; and~~

~~restart the downlink HARQ RTT timer of the HARQ process feedback behind a transmission end position of the second resource.~~

~~18. The apparatus according to claim 11, wherein the processing module is specifically configured to:~~

~~start a first downlink HARQ round trip time (RTT) timer of the HARQ process feedback behind a transmission end position of the first resource;~~

~~start a second downlink HARQ RTT timer of the HARQ process feedback behind a transmission end position of the second resource;~~

~~start a first downlink HARQ retransmission timer after the first downlink HARQ RTT timer expires; and~~

~~start a second downlink HARQ retransmission timer after the second downlink HARQ RTT timer expires.~~

~~19. The apparatus according to claim 11, wherein the processing module is specifically configured to:~~

~~start a downlink HARQ retransmission timer of the HARQ process feedback behind a transmission end position of the second resource.~~

~~20. The apparatus according to any one of claims 11 to 19, wherein~~

~~a downlink data channel corresponding to the HARQ process feedback is a semi-persistent scheduling downlink data channel.~~

~~21~~6. A terminal device, comprising a memory, a processor, a transceiver and a computer program stored on the memory, wherein when the computer program is executed by the processor, the method according to any one of claims 1 to ~~10~~ 5 is implemented.

~~22~~7. A non-transitory computer-readable storage medium storing instructions, wherein when the instructions are executed, the method according to any one of claims 1 to ~~10~~ 5 is caused to be implemented.