WHAT IS CLAIMED IS:

1. A method for data transmission, comprising:

determining a target logical channel from one or more logical channels according to configuration indication information of a sidelink resource and attribute indication information of the one or more logical channels, wherein the configuration indication information is configured to indicate configuration characteristics of the sidelink resource, and the attribute indication information of each logical channel is configured to indicate whether data on the logical channel requires hybrid automatic repeat request (HARQ) feedback; and

transmitting data on the target logical channel using the sidelink resource.

2. The method according to claim 1, wherein the configuration indication information is configured to indicate ~~at least one of~~:

information about whether the sidelink resource is configured with a respective physical sidelink feedback channel (PSFCH) resource~~;~~

~~information about whether the sidelink resource is configured with a respective physical uplink control channel (PUCCH) resource; and~~

~~information about a type of data that the sidelink resource is able to carry, comprising at least one of a type requiring HARQ feedback and a type requiring no HARQ feedback~~.

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

receiving the configuration indication information sent by a lower layer.

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

sending the attribute indication information of the target logical channel to a lower layer.

5. The method according to claim 2, wherein in response to the configuration indication information indicating that the sidelink resource is not configured with the respective PSFCH resource, the determining the target logical channel from the one or more logical channels according to the configuration indication information of the sidelink resource and the attribute indication information of the one or more logical channels, comprises:

~~in response to the information indicated by the configuration indication information satisfying a first condition,~~ selecting a logical channel whose attribute indication information indicates requiring no HARQ feedback as the target logical channel.

~~6. The method according to claim 5, wherein the first condition refers to at least one of:~~

~~the configuration indication information indicating that the sidelink resource is not configured with the respective PSFCH resource;~~

~~the configuration indication information indicating that the sidelink resource is not configured~~

~~with the respective PUCCH resource; and~~

~~the configuration indication information indicating that the type of data that the sidelink resource is able to carry is the type requiring no HARQ feedback.~~

~~7. The method according to claim 2, wherein the determining the target logical channel from the one or more logical channels according to the configuration indication information of the sidelink resource and the attribute indication information of the one or more logical channels, comprises:~~

~~in response to the information indicated by the configuration indication information satisfying a second condition, selecting a logical channel whose attribute indication information indicates requiring HARQ feedback as the target logical channel.~~

~~8. The method according to claim 7, wherein the second condition refers to the configuration indication information indicating that the type of data that the sidelink resource is able to carry is the type requiring HARQ feedback.~~

~~9~~6. The method according to claim 2, wherein in response to the configuration indication information indicating that the sidelink resource is configured with the respective PSFCH resource, the determining the target logical channel from the one or more logical channels according to the configuration indication information of the sidelink resource and the attribute indication information of the one or more logical channels, comprises:

~~in response to the information indicated by the configuration indication information satisfying a third condition,~~ selecting a logical channel whose attribute indication information indicates requiring HARQ feedback or a logical channel whose attribute indication information indicates requiring no HARQ feedback as the target logical channel.

~~10. The method according to claim 9, wherein the third condition refers to at least one of:~~

~~the configuration indication information indicating that the type of data that the sidelink resource is able to carry comprises the type requiring HARQ feedback and the type requiring no HARQ feedback;~~

~~the configuration indication information indicating that the sidelink resource is configured with the respective PSFCH resource; and~~

~~the configuration indication information indicating that the sidelink resource is configured with the respective PUCCH resource.~~

~~11. The method according to claim 9 or 10, wherein the selecting the logical channel whose attribute indication information indicates requiring HARQ feedback or the logical channel whose attribute indication information indicates requiring no HARQ feedback as the target logical channel, comprises:~~

~~prioritizing selection of the logical channel whose attribute indication information indicates requiring HARQ feedback as the target logical channel.~~

~~12. The method according to claim 11, wherein the prioritizing the selection of the logical channel whose attribute indication information indicates requiring HARQ feedback as the target logical channel, comprises:~~

~~in response to the logical channel whose attribute indication information indicates requiring HARQ feedback not existing among the one or more logical channels, selecting a logical channel whose attribute indication information indicates requiring no HARQ feedback as the target logical channel.~~

~~13. The method according to claim 11, wherein the prioritizing the selection of the logical channel whose attribute indication information indicates requiring HARQ feedback as the target logical channel, comprises:~~

~~in response to the logical channel whose attribute indication information indicates requiring HARQ feedback and the logical channel whose attribute indication information indicates requiring no HARQ feedback simultaneously existing among the one or more logical channels, and in response to a priority of the logical channel whose attribute indication information indicates requiring HARQ feedback being the same as a priority of the logical channel whose attribute indication information indicates requiring no HARQ feedback, selecting a logical channel whose attribute indication information indicates requiring HARQ feedback as the target logical channel.~~

~~14~~7. The method according to claim ~~9 or 10~~6, wherein the selecting the logical channel whose attribute indication information indicates requiring HARQ feedback or the logical channel whose attribute indication information indicates requiring no HARQ feedback as the target logical channel, comprises:

in response to the logical channel whose attribute indication information indicates requiring HARQ feedback and the logical channel whose attribute indication information indicates requiring no HARQ feedback simultaneously existing among the one or more logical channels, and in response to a priority of the logical channel whose attribute indication information indicates requiring HARQ feedback being different from a priority of the logical channel whose attribute indication information indicates requiring no HARQ feedback, selecting the logical channel with a higher priority as the target logical channel.

~~15~~8. The method according to any one of claims 1 to ~~14~~7, wherein

the sidelink resource is a resource allocated by a base station to a user equipment (UE); or

the sidelink resource is a resource selected by the UE from a sidelink resource pool.

~~16. The method according to any one of claims 1 to 15, wherein the determining the target~~

~~logical channel from the one or more logical channels according to the configuration indication information of the sidelink resource and the attribute indication information of the one or more logical channels, comprises:~~

~~in response to the configuration indication information indicating that the sidelink resource is configured with a respective physical sidelink feedback channel (PSFCH) resource, prioritizing selection of the logical channel whose attribute indication information indicates requiring HARQ feedback as the target logical channel.~~

~~17. The method according to any one of claims 1 to 15, wherein the determining the target logical channel from the one or more logical channels according to the configuration indication information of the sidelink resource and the attribute indication information of the one or more logical channels, comprises:~~

~~in response to the configuration indication information indicating that the sidelink resource is configured with a respective physical uplink control channel (PUCCH) resource, prioritizing selection of the logical channel whose attribute indication information indicates requiring HARQ feedback as the target logical channel.~~

~~18. The method according to any one of claims 1 to 15, wherein the determining the target logical channel from the one or more logical channels according to the configuration indication information of the sidelink resource and the attribute indication information of the one or more logical channels, comprises:~~

~~in response to the configuration indication information indicating that the sidelink resource is not configured with a respective physical sidelink feedback channel (PSFCH) resource, selecting a logical channel whose attribute indication information indicates requiring no HARQ feedback as the target logical channel.~~

~~19. The method according to any one of claims 1 to 15, wherein the determining the target logical channel from the one or more logical channels according to the configuration indication information of the sidelink resource and the attribute indication information of the one or more logical channels, comprises:~~

~~in response to the configuration indication information indicating that the sidelink resource is not configured with a respective physical uplink control channel (PUCCH) resource, selecting a logical channel whose attribute indication information indicates requiring no HARQ feedback as the target logical channel.~~

~~20. The method according to any one of claims 1 to 15, wherein the determining the target logical channel from the one or more logical channels according to the configuration indication information of the sidelink resource and the attribute indication information of the one or more~~

~~logical channels, comprises:~~

~~in response to the configuration indication information indicating that a type of data that the sidelink resource is able to carry is a type requiring no HARQ feedback, selecting a logical channel whose attribute indication information indicates requiring no HARQ feedback as the target logical channel;~~

~~in response to the configuration indication information indicating that the type of data that the sidelink resource is able to carry is a type requiring HARQ feedback, selecting a logical channel whose attribute indication information indicates requiring HARQ feedback as the target logical channel; and~~

~~in response to that the configuration indication information indicating that the type of data that the sidelink resource is able to carry comprises the type requiring HARQ feedback and the type requiring no HARQ feedback, prioritizing selection of the logical channel whose attribute indication information indicates requiring HARQ feedback as the target logical channel.~~

~~21~~9. A terminal device, comprising:

a determination module, configured to determine a target logical channel from one or more logical channels according to configuration indication information of a sidelink resource and attribute indication information corresponding to the one or more logical channels, wherein the configuration indication information is configured to indicate configuration characteristics of the sidelink resource, and the attribute indication information of each logical channel is configured to indicate whether data on the logical channel requires hybrid automatic repeat request (HARQ) feedback; and

a transmission module, configured to transmit data on the target logical channel using the sidelink resource.

~~22~~10. The terminal device according to claim ~~21~~9, wherein the configuration indication information is configured to indicate ~~at least one of~~:

information about whether the sidelink resource is configured with a respective physical sidelink feedback channel (PSFCH) resource~~;~~

~~information about whether the sidelink resource is configured with a respective physical uplink control channel (PUCCH) resource; and~~

~~information about a type of data that the sidelink resource is able to carry, comprising at least one of a type requiring HARQ feedback and a type requiring no HARQ feedback~~.

~~23~~11. The terminal device according to claim ~~21~~ 9 or ~~22~~10, wherein the terminal device further comprises:

a receiving module, configured to receive the configuration indication information sent by a

lower layer.

~~24~~12. The terminal device according to claim ~~21~~ 9 or ~~22~~10, wherein the terminal device further comprises:

a sending module, configured to send the attribute indication information of the target logical channel to a lower layer.

~~25~~13. The terminal device according to claim ~~22~~10, wherein in response to the configuration indication information indicating that the sidelink resource is not configured with the respective PSFCH resource, the determination module is specifically configured to:

~~in response to the information indicated by the configuration indication information satisfying a first condition,~~ select a logical channel whose attribute indication information indicates requiring no HARQ feedback as the target logical channel.

~~26. The terminal device according to claim 25, wherein the first condition refers to at least one of:~~

~~the configuration indication information indicating that the sidelink resource is not configured with the respective PSFCH resource;~~

~~the configuration indication information indicating that the sidelink resource is not configured with the respective PUCCH resource; and~~

~~the configuration indication information indicating that the type of data that the sidelink resource is able to carry is the type requiring no HARQ feedback.~~

~~27. The terminal device according to claim 22, wherein the determination module is specifically configured to:~~

~~in response to the information indicated by the configuration indication information satisfying a second condition, select a logical channel whose attribute indication information indicates requiring HARQ feedback as the target logical channel.~~

~~28. The terminal device according to claim 27, wherein the second condition refers to the configuration indication information indicating that the type of data that the sidelink resource is able to carry is the type requiring HARQ feedback.~~

~~29~~14. The terminal device according to claim ~~22~~10, wherein in response to the configuration indication information indicating that the sidelink resource is configured with the respective PSFCH resource, the determination module is specifically configured to:

~~in response to the information indicated by the configuration indication information satisfying a third condition,~~ select a logical channel whose attribute indication information indicates requiring HARQ feedback or a logical channel whose attribute indication information indicates requiring no HARQ feedback as the target logical channel.

~~30. The terminal device according to claim 29, wherein the third condition refers to at least one of:~~

~~the configuration indication information indicating that the type of data that the sidelink resource is able to carry comprises the type requiring HARQ feedback and the type requiring no HARQ feedback;~~

~~the configuration indication information indicating that the sidelink resource is configured with the respective PSFCH resource; and~~

~~the configuration indication information indicating that the sidelink resource is configured with the respective PUCCH resource.~~

~~31. The terminal device according to claim 29 or 30, wherein the determination module is specifically configured to:~~

~~prioritize selection of the logical channel whose attribute indication information indicates requiring HARQ feedback as the target logical channel.~~

~~32. The terminal device according to claim 31, wherein the determination module is specifically configured to:~~

~~in response to the logical channel whose attribute indication information indicates requiring HARQ feedback not existing among the one or more logical channels, select a logical channel whose attribute indication information indicates requiring no HARQ feedback as the target logical channel.~~

~~33. The terminal device according to claim 31, wherein the determination module is specifically configured to:~~

~~in response to the logical channel whose attribute indication information indicates requiring HARQ feedback and the logical channel whose attribute indication information indicates requiring no HARQ feedback simultaneously existing among the one or more logical channels, and in response to a priority of the logical channel whose attribute indication information indicates requiring HARQ feedback being the same as a priority of the logical channel whose attribute indication information indicates requiring no HARQ feedback, select the logical channel whose attribute indication information indicates requiring HARQ feedback as the target logical channel.~~

~~34~~15. The terminal device according to claim ~~29 or 30~~ 14, wherein the determination module is specifically configured to:

in response to the logical channel whose attribute indication information indicates requiring HARQ feedback and the logical channel whose attribute indication information indicates requiring no HARQ feedback simultaneously existing among the one or more logical channels, and in response to a priority of the logical channel whose attribute indication information indicates

requiring HARQ feedback being different from a priority of the logical channel whose attribute indication information indicates requiring no HARQ feedback, select the logical channel with a higher priority as the target logical channel.

~~35. The terminal device according to any one of claims 21 to 34, wherein the determination module is specifically configured to:~~

~~in response to the configuration indication information indicating that the sidelink resource is configured with a respective physical sidelink feedback channel (PSFCH) resource, prioritize selection of the logical channel whose attribute indication information indicates requiring HARQ feedback as the target logical channel.~~

~~36. The terminal device according to any one of claims 21 to 34, wherein the determination module is specifically configured to:~~

~~in response to the configuration indication information indicating that the sidelink resource is configured with a respective physical uplink control channel (PUCCH) resource, prioritize selection of the logical channel whose attribute indication information indicates requiring HARQ feedback as the target logical channel.~~

~~37. The terminal device according to any one of claims 21 to 34, wherein the determination module is specifically configured to:~~

~~in response to the configuration indication information indicating that the sidelink resource is not configured with a respective physical sidelink feedback channel (PSFCH) resource, select a logical channel whose attribute indication information indicates requiring no HARQ feedback as the target logical channel.~~

~~38. The terminal device according to any one of claims 21 to 34, wherein the determination module is specifically configured to:~~

~~in response to the configuration indication information indicating that the sidelink resource is not configured with a respective physical uplink control channel (PUCCH) resource, select a logical channel whose attribute indication information indicates requiring no HARQ feedback as the target logical channel.~~

~~39. The terminal device according to any one of claims 21 to 34, wherein the determination module is specifically configured to:~~

~~in response to the configuration indication information indicating that a type of data that the sidelink resource is able to carry is a type requiring no HARQ feedback, select a logical channel whose attribute indication information indicates requiring no HARQ feedback as the target logical channel;~~

~~in response to the configuration indication information indicating that the type of data that the~~

~~sidelink resource is able to carry is a type requiring HARQ feedback, select a logical channel whose attribute indication information indicates requiring HARQ feedback as the target logical channel; and~~

~~in response to the configuration indication information indicating that the type of data that the sidelink resource is able to carry comprises the type requiring HARQ feedback and the type requiring no HARQ feedback, prioritize selection of the logical channel whose attribute indication information indicates requiring HARQ feedback as the target logical channel.~~

~~40. A terminal device, comprising a memory and a processor, wherein~~

~~the memory is configured to store a computer program, and~~

~~the processor is configured to implement steps of the method according to any one of claims 1 to 20 when executing the computer program.~~

~~41. A computer readable storage medium, configured to store a computer program thereon, wherein the computer program is configured to implement steps of the method according to any one of claims 1 to 20 when executed by a processor.~~

~~42. A chip, comprising a programmable logic circuit and/or program instructions, wherein the chip is configured to implement steps of the method according to any one of claims 1 to 20 when running.~~