

ABSTRACT

Embodiments of the present application provide an information transmission method, a network device, and a terminal device, which can improve downlink receiving performance. A network device sends indication information to a terminal
5 device, where the indication information indicates a beam corresponding to a downlink transmission channel determined by the network device from multiple pieces of configuration information, the beam corresponding to the downlink transmission channel is used to transmit the downlink transmission channel, and each piece of the multiple pieces of configuration information includes at least one of:
10 information of at least one transmitting beam, information of a receiving beam corresponding to the at least one transmitting beam, and resource mapping information, where the resource mapping information indicates a resource available or unavailable for downlink transmission of the at least one transmitting beam; the network device transmits the downlink transmission channel through the beam
15 corresponding to the downlink transmission channel.

FIG. 2