

ABSTRACT

5 Provided in the embodiments of the present invention are a wireless-network-based
communication method, terminal device, and network device. The method comprises: a terminal
device detecting first downlink control information (DCI) sent by a network device; a terminal
device detecting second DCI sent by a network device; the terminal device joining control
10 information of the first DCI and second DCI so as to send or receive target data. In the
embodiments of the present invention, the first DCI and second DCI may carry different types of
control information; separately transmitting the first DCI and second DCI satisfies the
requirements for transmission of different types of control information; insofar as the
requirements for transmission of different types of control information are satisfied, different
15 types of control information are transmitted to the terminal device, such that the terminal device
can send or receive target data.

FIG. 1