

acquiring system information indicating information to enable a device to communicate with another device via device-to-device communication; and
controlling, with a processor, transmission of the system information to a terminal device.

[Claim 10] A terminal device comprising:

circuitry configured to
acquire system information indicating information to enable a device to communicate with another device via device-to-device communication; and
control a detection process for detecting a discovery signal on the basis of the system information.

[Claim 11] The terminal device according to claim 10, wherein

the circuitry, after detecting the discovery signal transmitted by another terminal device, controls transmission of the discovery signal in a manner that the discovery signal is relayed on a component carrier that does not carry the discovery signal transmitted by the other terminal device from among a plurality of component carriers.

[Claim 12] The communication control device according to claim 1, wherein the system information includes radio resource information to be used by the device when communication with the other device.

[Claim 13] A method for a terminal device, comprising:

acquiring, with circuitry, individual information to enable the terminal device to communicate with another device via device-to-device communication; and
controlling, with the circuitry, transmission of the individual information to a base station.

[Claim 14] A terminal device comprising:

circuitry configured to
acquire information indicating information to enable a device to communicate with another device via device-to-device communication; and
control transmission of a discovery signal on the basis of the information.

[Claim 15] The terminal device according to claim 14, wherein the discovery signal is transmitted on a component carrier of a plurality of component carriers for carrier aggregation.

[Claim 16] The terminal device according to claim 15, wherein the information includes information regarding the plurality of component carriers used