CLAIMS

1. A terminal comprising:

a receiver that receives a first synchronization signal/physical broadcast channel (SS/PBCH) block indicating a first information element regarding a subcarrier offset and a second information element regarding a downlink control channel for a system information; and

a processor that, when a specific value is indicated in the first information element, determines start and finish positions of a range in which a second SS/PBCH block is not present when bits included in the second information element are first bit values, and determines that there is no information for the second SS/PBCH block associated with a control resource set for Type0-physical downlink control channel (PDCCH) common search space (CSS) set when bits included in the second information element are second bit values.

2. The terminal according to claim 1, wherein the second bit values correspond to a case when offsets that determine the start and finish positions of the range are zero.

3. The terminal according to claim 1, wherein the second bit values are all zero and the first bit values are not zero.

4. The terminal according to claim 2, wherein the second bit values are all zero and the first bit values are not zero.

5. The terminal according to claim 1, wherein, when the second bit values are received by the receiver, the processor determines that there is no information for the second SS/PBCH block with a control resource set for the Type0-PDCCH CSS set in the first SS/PBCH block.

6. The terminal according to claim 2, wherein, when the second bit values are received by the receiver, the processor determines that there is no information for the second SS/PBCH block with a control resource set for the Type0-PDCCH CSS set in the first SS/PBCH block.

7. The terminal according to claim 3, wherein, when the second bit values are received by the receiver, the processor determines that there is no information for the second SS/PBCH block with a control resource set for the Type0-PDCCH CSS set in the first SS/PBCH block.

8. The terminal according to claim 1, wherein the specific value is equal to 31 for a first frequency band or the specific value is equal to 15 for a second frequency band.

9. The terminal according to claim 2, wherein the specific value is equal to 31 for a first frequency band or the specific value is equal to 15 for a second frequency band.

10. The terminal according to claim 3, wherein the specific value is equal to 31 for a first frequency band or the specific value is equal to 15 for a second frequency band.

11. The terminal according to claim 5, wherein the specific value is equal to 31 for a first frequency band or the specific value is equal to 15 for a second frequency band.

12. The terminal according to claim 1, wherein when the specific value is equal to 30 for a first frequency band or when the specific value is equal to 14 for a second frequency band, bit values indicated by the second information element correspond to a reserved bit.

13. A radio communication method comprising:

receiving a first synchronization signal/physical broadcast channel (SS/PBCH) block indicating a first information element regarding a subcarrier offset and a second information element regarding a downlink control channel for a system information; and

when a specific value is indicated in the first information element, determining start and finish positions of a range in which a second SS/PBCH block is not present when bits included in the second information element are first bit values, and

when the specific value is indicated in the first information element, determining that there is no information for the second SS/PBCH block associated with a control resource set for Type0-physical downlink control channel (PDCCH) common search space (CSS) set when bits included in the second information element are second bit values.

14. A base station comprising:

a transmitter that transmits a first synchronization signal/physical broadcast channel (SS/PBCH) block indicating a first information element regarding a subcarrier offset and a second information element regarding a downlink control channel for a system information; and

a processor that, when a specific value is indicated in the first information element, notifies start and finish positions of a range in which a second SS/PBCH block is not present when bits included in the second information element are first bit values, and notifies that there is no information for the second SS/PBCH block associated with a control resource set for Type0-physical downlink control channel (PDCCH) common search space (CSS) set when bits included in the second information element are second bit values.

15. A system comprising a terminal and a base station:

the terminal comprising:

a receiver that receives a first synchronization signal/physical broadcast channel (SS/PBCH) block indicating a first information element regarding a subcarrier offset and a second information element regarding a downlink control channel for a system information; and

a first processor that, when a specific value is indicated in the first information element, determines start and finish positions of a range in which a second SS/PBCH block is not present when bits included in the second information element are first bit values, and determines that there is no information for the second SS/PBCH block associated with a control resource set for Type0-physical downlink control channel (PDCCH) common search space (CSS) set when bits included in the second information element are second bit values, and

the base station comprising:

a transmitter that transmits the first SS/PBCH block; and

a second processor that, when the specific value is indicated in the first information element, notifies start and finish positions of a range in which a second SS/PBCH block is not present when bits included in the second information element are first bit values, and notifies that there is no information for the second SS/PBCH block associated with the control resource set for Type0- PDCCH CSS set when bits included in the second information element are second bit values.