CLAIMS

Claim 1 A reception apparatus, comprising:

reception circuitry, which, in operation, receives a MAC Control Element (MAC CE) and an offset value; and

control circuitry, which, in operation, configures, based on the offset value, a timing of applying an action based on a control command of the MAC CE.

Claim 2 The reception apparatus according to claim 1, wherein

based on a timing of applying the action in an uplink and the offset value, the control circuitry configures a timing of the action in a downlink.

Claim 3 The reception apparatus according to claim 2, wherein

based on a transmission timing of response information in response to a Physical Downlink Shared Channel (PDSCH) including the MAC CE, the control circuitry configures the timing of applying the action in the uplink.

Claim 4 The reception apparatus according to claim 1, wherein

based on a reception timing of a Physical Downlink Shared Channel (PDSCH) including the MAC CE and the offset value, the control circuitry configures a timing of applying the action in a downlink.

Claim 5 The reception apparatus according to claim 1, wherein

based on a transmission timing of response information in response to a Physical

Downlink Shared Channel (PDSCH) including the MAC CE and the offset value, the control circuitry configures a timing of applying the action in a downlink.

Claim 6 The reception apparatus according to claim 5, wherein

based on a transmission timing of response information in response to a Physical Downlink Shared Channel (PDSCH) including the MAC CE, the control circuitry configures a timing of applying the action in an uplink without using the offset value.

Claim 7 The reception apparatus according to claim 1, wherein

the offset value indicates a number of slots and is indicated by a higher layer signaling.

Claim 8 The reception apparatus according to claim 1, wherein

the offset value is provided if a downlink timing is not aligned with an uplink timing at gNB in Non-Terrestrial Network (NTN).

Claim 9 A transmission apparatus, comprising:

control circuitry, which, in operation, configures, based on an offset value, a timing of applying an action based on a control command of a MAC Control Element (MAC CE); and

transmission circuitry, which, in operation, transmits the offset value and the MAC CE.

Claim 10 The transmission apparatus according to claim 9, wherein

based on a timing of applying the action in an uplink and the offset value, the control circuitry configures a timing of applying the action in a downlink.

Claim 11 The transmission apparatus according to claim 10, wherein

based on a transmission timing of response information in response to a Physical Downlink Shared Channel (PDSCH) including the MAC CE, the control circuitry configures the timing of applying the action in the uplink.

Claim 12 The transmission apparatus according to claim 9, wherein

based on a reception timing of a Physical Downlink Shared Channel (PDSCH) including the MAC CE and the offset value, the control circuitry configures a timing of applying the action in a downlink.

Claim 13 The transmission apparatus according to claim 9, wherein

based on a transmission timing of response information in response to a Physical Downlink Shared Channel (PDSCH) including the MAC CE and the offset value, the control circuitry configures a timing of applying the action in a downlink.

Claim 14 The transmission apparatus according to claim 13, wherein

based on a transmission timing of response information in response to a Physical Downlink Shared Channel (PDSCH) including the MAC CE, the control circuitry configures a timing of applying the action in an uplink without using the offset.

Claim 15 The transmission apparatus according to claim 9, wherein

the offset value indicates a number of slots and is indicated by a higher layer signaling.

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Claim 16 The transmission apparatus according to claim 9, wherein

the offset value is provided if a downlink timing is not aligned with an uplink timing at gNB in Non-Terrestrial Network (NTN).

Claim 17 A reception method, comprising steps performed by a reception apparatus of:

receiving a MAC Control Element (MAC CE) and an offset value; and

configuring, based on the offset value, a timing of applying an action based on a control command of the MAC CE.

Claim 18 A transmission method, comprising steps performed by a transmission apparatus of:

configuring, based on an offset value, a timing of an action based on a control command of a MAC Control Element (MAC CE); and

transmitting the offset value and the MAC CE.

Claim 19 An integrated circuit comprising:

reception circuitry, which in operation, controls receiving a MAC Control Element (MAC CE) and an offset value; and

configuration circuitry, which in operation, controls configuring, based on the offset value, a timing of applying an action based on a control command of the MAC CE.

Claim 20 An integrated circuit comprising:

configuration circuitry, which in operation, controls configuring, based on an offset value, a timing of applying an action based on a control command of a MAC Control Element (MAC CE); and

transmission circuitry, which in operation, controls transmitting the offset value and the MAC CE.