

CLAIMS

1. A terminal comprising:

a receiver that receives a measurement instruction that indicates an inter-frequency measurement in a second carrier that is different from a first carrier of a serving cell; and

a processor that assumes that frame boundaries of a plurality of cells on the second carrier are aligned, when information indicating that an index of a synchronization signal block (SSB) transmitted by a neighboring cell can be derived based on a timing of the serving cell or a cell of a target frequency is included in the measurement instruction.

2. The terminal according to claim 1, wherein when the information is included in the measurement instruction, the processor derives the index of the SSB of each cell of the second carrier using a timing of one cell on the second carrier.

3. A radio communication method of a terminal comprising:

receiving a measurement instruction that indicates an inter-frequency measurement in a second carrier that is different from a first carrier of a serving cell; and

assuming that frame boundaries of a plurality of cells on the second carrier are aligned when information indicating that an index of a synchronization signal block (SSB) transmitted by a neighboring cell can be

derived based on a timing of the serving cell or a cell of a target frequency is included in the measurement instruction.

4. A base station comprising:

a processor that controls to include information indicating that an index of a synchronization signal block (SSB) transmitted by a neighboring cell can be derived based on a timing of a serving cell or a cell of a target frequency in a measurement instruction that indicates an inter-frequency measurement in a second carrier that is different from a first carrier of the serving cell, so as for a terminal to assume that frame boundaries of a plurality of cells on the second carrier are aligned; and

a transmitter that transmits the measurement instruction to the terminal.