

CLAIMS

1. A ~~user-terminal~~ comprising:

a ~~receiving section~~receiver that, ~~when a first carrier includes a serving cell,~~ receives a measurement instruction that indicates an ~~for instructing~~ inter-frequency measurement in a second carrier that is different from a first carrier of a serving cell; and

a ~~control section~~processor that, ~~when specific information is included in the measurement instruction, controls processing related to a Synchronization Signal Block (SSB) in a measurement target cell based on the specific information~~ 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 ~~user-terminal~~ according to claim 1, wherein, when the ~~specific information is included in the measurement instruction, the control section processor~~ derives an SSB ~~the index of the SSB of measurement target~~ each cell of the second carrier ~~by using a frame timing of the serving~~ one cell ~~on~~ on the ~~first~~second carrier.

3. ~~The user terminal according to claim 1 or 2, wherein, when the specific information is included in the measurement instruction, the control section~~

~~assumes that frame timings of a plurality of the measurement target cells of the second carrier are synchronized.~~

~~4. The user terminal according to any one of claims 1 to 3, wherein the specific information is information indicating whether or not an index of an SSB to be transmitted by a neighbour cell can be derived based on a timing of the serving cell.~~

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.

54. A radio-base station comprising:

a transmitting sectionprocessor that, when a first carrier includes a serving cell, transmits a measurement instruction for instructing inter-frequency measurement in a second carrier 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 ~~control section~~transmitter that performs control to include, in the measurement instruction, specific information for controlling processing related to a Synchronization Signal Block (SSB) in a measurement target celltransmits the measurement instruction to the terminal.