

## Abstract

A terminal apparatus includes a higher layer processing unit configured to receive first information and second information, and a receiver configured to receive a block and a physical downlink shared channel. The first information includes information for indicating a periodicity of one or more of the blocks. Each of the one or more blocks includes a first synchronization signal, a second synchronization signal, and a physical broadcast channel. The second information includes information for indicating time positions of the one or more blocks included in a certain time period. The physical downlink shared channel is not received in a resource element for a synchronization signal block at a time position of the time positions indicated by the second information.