CLAIMS

1. A mobile station for receiving broadcast information for restriction control from a base station in a network environment shared by a plurality of operators, comprising:

a reception unit configured to receive from the base station the broadcast information including at least one of restriction control skip information indicating a type of a call which is not subject to restriction control for each of the plurality of operators and restriction control skip information indicating a type of a call which is not subject to restriction control to be applied in common to the plurality of operators; and

a restriction control determination unit configured to, when the received broadcast information includes the restriction control skip information for each of the plurality of operators, identify restriction control skip information corresponding to an operator with which the mobile station registers from the restriction control skip information for each of the plurality of operators and determine whether to apply the restriction control, and when the received broadcast information includes the restriction control skip information to be applied in common to the plurality of operators, identify the restriction control skip information to be applied in common to the plurality of operators and determines whether to apply the restriction control.

2. A restriction control method in a mobile station for receiving broadcast information for restriction control from a base station in a network environment shared by a plurality of operators, comprising the steps of:

receiving from the base station the broadcast information including at least one of restriction control skip information indicating a type of a call which is not subject to restriction control for each of the plurality of operators and restriction control skip information indicating a type of a call which is not subject to restriction control to be applied in common to the plurality of operators; and

when the received broadcast information includes the restriction control skip information for each of the plurality of operators, identifying restriction control skip information corresponding to an operator with which the mobile station registers from the restriction control skip information for each of the plurality of operators and determining whether to apply the restriction control, and when the received broadcast information includes the restriction control skip information to be applied in common to the plurality of operators, identifying the restriction control skip information to be applied in common to the plurality of operators and determining whether to apply the restriction control.

3. A base station for transmitting broadcast information for restriction control to a mobile station in a network environment shared by a plurality of operators, comprising:

a broadcast information generation unit configured to generate the broadcast information including restriction control skip information indicating a type of a call which is not subject to restriction control for each of the plurality of operators and restriction control skip information indicating a type of a call which is not subject to restriction control to be applied in common to the

plurality of operators; and

a transmission unit configured to transmit the generated broadcast information.

4. A broadcast information transmission method in a base station for transmitting broadcast information for restriction control to a mobile station in a network environment shared by a plurality of operators, comprising the steps of:

generating the broadcast information including restriction control skip information indicating a type of a call which is not subject to restriction control for each of the plurality of operators and restriction control skip information indicating a type of a call which is not subject to restriction control to be applied in common to the plurality of operators; and

transmitting the generated broadcast information.