CLAIMS

1. A transmission management system to receive a request of start of communication between transmission terminals, comprising:

a reception unit to receive an input of relay device identification information identifying a relay device to be used to relay information transmitted/received between the transmission terminals; and

a control request information transmission unit to transmit ~~a~~ control request information indicating ~~the~~ a request of ~~the~~ control to another transmission management system that is capable of executing control associated with the start of communication using the relay device identified by the relay device identification information, when it is determined, based on the received relay device identification information ~~received by the reception unit~~that the control cannot be executed by the transmission management system.

2. The transmission management system set forth in claim 1,

wherein the relay device identification information comprises ~~a~~ communication control information indicating the transmission management system capable of executing the control associated with the start of communication using the relay device identified by the relay device identification information, and

the control request information transmission unit transmits the control request information to the other transmission management system based on the communication control information.

3. The transmission management system set forth in claim 2, further comprising:

a communication control determining unit to determine

whether the control associated with the start of communication ~~is~~ can be executed or not by the transmission management system based on the communication control information~~;~~, and

a communication control unit to execute the control ~~if~~ when the communication control determining unit determines the control is executed,

wherein the control request information transmission unit transmits the control request information ~~if~~ when the communication control determining unit determines the control ~~is~~ cannot be executed by the transmission management system.

4. The transmission management system set forth in claim 3,

wherein the communication control unit executes the control by transmitting the start request information indicating the request of the start of the communication to a transmission terminal that starts the communication.

5. The transmission management system set forth in claim 4,

wherein the reception unit further receives an input of terminal connection information indicating the transmission management system to be connected to the transmission terminal that starts the communication, and

the communication control unit executes the control by transmitting the start request information through the transmission management system indicated by the terminal connection information to the transmission terminal that starts the communication.

6. The transmission management system set forth in claim 5, wherein the reception unit receives reception information indicating that the start request information

has been received through the transmission management system indicated by the terminal connection information from the transmission terminal that starts the communication.

7. A transmission system comprising:

the transmission management system set forth in any one of claims 1 to 6; and

at least two transmission terminals.

8. A program ~~of~~ for causing the transmission management system set forth in claim 1 to execute a~~n operation~~ method comprising:

a procedure ~~of~~ for receiving an input of relay device identification information identifying a relay device to be used to relay information transmitted/received between the transmission terminals; and

a procedure ~~of~~ for transmitting a control request information indicating a request of the control to another transmission management system that is capable of executing the control associated with the start of communication using the relay device identified by the relay device identification information, when it is determined, based on the received relay device identification information ~~received~~that the control cannot be executed by the transmission management system.

9. The transmission management system set forth in claim 1, wherein the relay device identification information includes domain information of the relay device, and the control request transmission unit transmits the control request information when it is determined, based on the domain information, that the control cannot be executed by the transmission management system.