CLAIMS

1. A transmission management system to receive a request of start of communication between a first transmission terminal and a second transmission terminal when the first transmission terminal and a relay device that relays information transmitted from the first transmission terminal are connected via a communication network, the transmission management system comprising:

a reception unit to receive an input of communication control information indicating a transmission management system capable of executing control associated with start of the communication using the relay device; and

a control request information transmission unit to transmit control request information indicating a request of the control to another transmission management system capable of executing the control based on the communication control information received by the reception unit~~.~~, wherein

the transmission management system receives connection information for connecting to the relay device transmitted from another transmission management system capable of executing the control based on the control request information transmitted by the control request information transmission unit, and transmits the received connection information to the second transmission terminal.

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

a communication control determining unit to determine whether the control associated with the start of communication is executed or not by the transmission management system based on the communication control information; and

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

wherein the control request information transmission unit transmits the control request information if the communication control determining unit determines that the control is not executed.

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

wherein the reception unit receives an input of communication identification information for identifying communication being performed by the first transmission terminal, and

the communication control unit executes the control based on the communication identification information received by the reception unit.

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

wherein the communication identification information includes the communication control information.

~~5. The transmission management system set forth in any one of claims 2 to 4,~~

~~wherein the communication control unit executes the control by transmitting, to the second transmission terminal, relay device connection information for connecting to the relay device.~~

~~6~~5. The transmission management system set forth in any one of claims 2 to ~~5~~4, further comprising:

a start information transmission unit to transmit start information indicating that communication between the first transmission terminal and the second transmission terminal is started to the first transmission terminal if the communication control determining unit determines that the control is executed.

~~7~~6. The transmission management system set forth in any one of claims 1 to ~~6~~5,

wherein the reception unit receives an input of the communication control information by receiving the communication control information transmitted through the other transmission management system from the second transmission terminal.

~~8~~7. A transmission system comprising:

the transmission management system set forth in any one of claims 1 to ~~7~~6; and

the first transmission terminal and the second transmission terminal.

~~9~~8. A program of causing the transmission management system set forth in claim 1 to execute an operation comprising:

a procedure of receiving an input of communication control information indicating the transmission management system capable of executing control associated with the start of the communication using the relay device; and

a procedure of transmitting control request information indicating a request of the control to another transmission management system capable of executing the control based on the communication control information received by the reception processing.