

Chapter 7

Carrier's Rate

- 1 Leased Line Carrier's Rate

Interconnection charges for subscriber line-end interconnection for leased line service have been revised from applying charges specified in the Articles of Agreement for Leased Line Service mutatis mutandis to applying discount charges for carriers (carrier's rate: charges for inter-terminal transmission functions, etc.) (this revision was approved on January 31, 2001), and "not including liaison/coordination work" was added to the carrier's rate menu (this addition was approved on August 1, 2002).

Carrier's Rate

<Discount Rate for Inter-Terminal Transmission Functions, Etc.>

	Including liaison/ coordination work	Not including liaison/ coordination work
High-speed digital transmission service	8.6%	21.6%
ATM leased line service	24.3%	35.1%
General leased line service	3.5% 10.3%	9.5% 15.8%

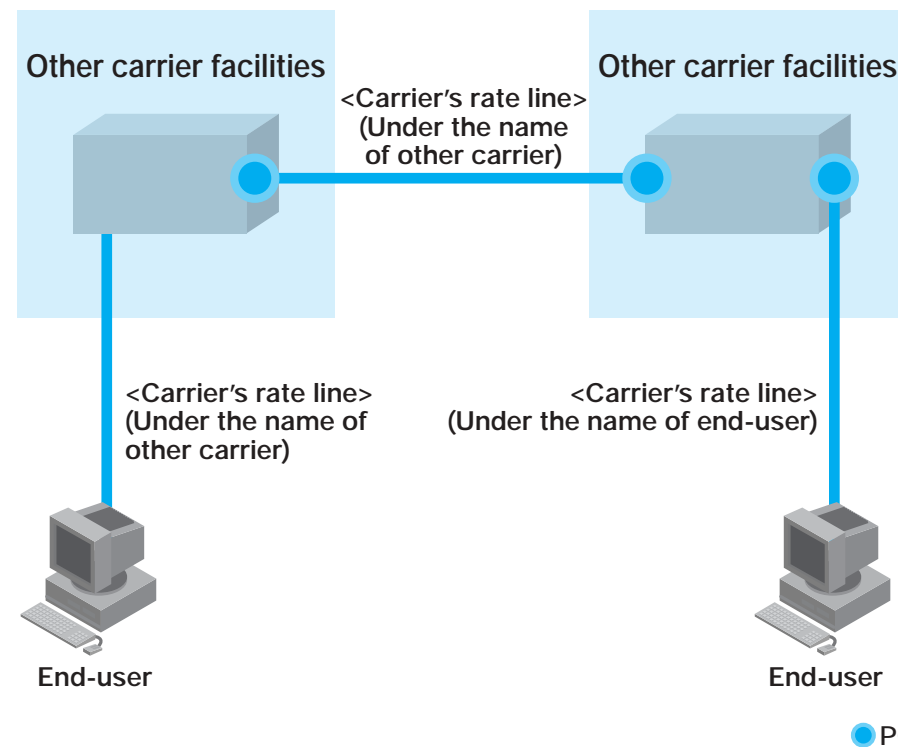
Charges = {Charge amounts specified in the Articles of Agreement for Leased Line Service × (1 - Discount rate for inter-terminal transmission functions, etc.)}

Long-term continuous usage discounts and volume discounts can be applied to the above charges in the same way as stipulated in the Articles of Agreement for Leased Line Service.

Figures in parentheses indicate the maximum discount rate that combines the long-term continuous usage discount (excluding general leased line service) and the volume discount.

(Reference) Overview

The following is the pattern of interconnection in which interconnection is established with other carriers at the end of a subscriber line in the same pattern as that for lines connecting users.



- 2 Major Conditions for Leased Line Carrier's Rate

Item	Major Conditions
Applicable services	High-speed digital transmission service, ATM leased line service and general leased line service <excluding IP routing network interconnection leased line service, wireless leased line service, video transmission service, broadcasting usage of general leased line service, and services stipulated in Article 11 of the Supplementary Provisions of the Articles of Agreement for Leased Line Service> D-3 (facsimile transmission), E-1 (AM broadcasting), G-2 (facsimile transmission), I-2 (photo/facsimile transmission), 48kHz, 240kHz, 100b/s, 200b/s, 300b/s, 1200b/s, 48kb/s, 1.5Mb/s (single class)
Application format	Selecting "including" or "not including" liaison/coordination work per carrier (per-line and per-service selections are not accepted)
Line format	Intra-prefecture end-to-end lines (the same format as that for lines connecting users)
Name of contracting party for line	<ul style="list-style-type: none"> The line between the end-user building and the applicant carrier building: Under the name of the end-user or the name of the telecommunications carrier The line between the applicant carrier buildings and the line between the NTT East building and the applicant carrier building: Under the name of the applicant carrier
Contract format	Contracts are required on a per-line basis after concluding an Interconnection Agreement and a Contract on Leased Line Service for Carriers (this contract relates to the line between the end-user building and the applicant carrier building under the name of the telecommunications carrier).
Usage format	The usage purpose is to provide telecommunications service to end-users. (Note) The carrier's rate is not applicable to lines used by other carriers for their own usage (so-called self-use lines).
Billing format	Charges are billed to other carriers (end-user charges are set and billed by other carriers). (Note) The carrier's rate is not applicable to service segment unit charges (so-called per-unit charges).
Other	Long-term continuous usage discount and volume discount Conditions stipulated in the Articles of Agreement for Leased Line Service are applied mutatis mutandis. (Note) <ul style="list-style-type: none"> Under the volume discount scheme, it is not possible to add charges for services provided under the Articles of Agreement for Leased Line Service. It is possible to add charges for services under contracts covered by the Interconnection Agreement plus a Contract on Leased Line Service for Carriers.
	Minimum usage period Temporary lines Conditions stipulated in the Articles of Agreement for Leased Line Service are applied mutatis mutandis.
	Transfers, suspensions, etc. Transfers, suspensions and relocations are possible. However, transfers are possible only to carriers that concluded an agreement concerning the leased line carrier's rate. (Transfers after changing to the lines covered by the Articles of Agreement for Leased Line Service are accepted.)
	Retroactive and time lag settlements Not applicable

- 3 Contents of Liaison/Coordination Work for Leased Line Carrier's Rate

Work Description

Distributing line application forms received from other carriers to the appropriate Business Service Centers in each area, and confirming the contents with other carriers in case of any entry omissions, etc., and modifying the contents as required.
 Providing schedule coordination with the reception section and/or the work implementation section in case the service start date requested by other carriers is different from the date on which NTT East can make such service available.
 Receiving fault reports, providing progress reports on fault repairs, providing fault recovery reports, providing explanations on fault causes, etc., on a nationwide basis as required.



Differences Between "Including" and "Not Including" Liaison/Coordination Work

Category	Including liaison/coordination work	Not including liaison/ coordination work
Line application	An applicant carrier submits an application to the Business Service Center via an NTT East account manager (AM).	An applicant carrier submits an application directly to the Business Service Center. Please submit to: Business Service Center (Tokyo)
Confirmation of contents	An AM confirms any entry errors or omissions in the line application form, and modifies same as required.	<ul style="list-style-type: none"> After receiving an application, the Business Service Center confirms any entry errors or omissions, and notifies the applicant carrier accordingly. The applicant carrier modifies the contents in case of any errors or omissions in the line application form, and re-submits the application form.
When the requested service start date is different from the possible service start date	An AM provides schedule coordination with the reception section and/or the work implementation section.	<ul style="list-style-type: none"> An applicant carrier contacts the Business Service Center and notifies it of the requested service start date that comes after the possible service start date.
(Note) The Business Service Center will make every effort to meet the request of an applicant carrier.		
Troubleshooting	An AM will receive fault reports, provide progress reports on fault repairs, provide fault recovery reports, provide explanations	The Business Service Center will receive fault reports, provide progress reports on fault repairs, provide fault recovery reports, provide explanations of fault causes, etc., as required with respect to the lines under its coverage.

Regardless of whether liaison/coordination work is included or not included, consulting, visits, proposals, quotations (including completing an application form and physical attendance at the work site), etc., are not implemented by our account manager, etc., in providing the carrier's rate.

- 4 Providing Leased Line Carrier's Rate

Target Carriers, Etc.

The leased line carrier's rate is applied to telecommunications carriers that conform to the following conditions.

- Telecommunications carriers that offer basic telecommunications service as specified in the Telecommunications Business law are requested to provide NTT East with a copy of the latest Articles of Agreement for Service that were submitted to the competent Minister.
- With respect to other telecommunications carriers, one of the following items must be applicable.
 - (1) The carrier has a carrier identification code for settlements among carriers.
 - (2) Telecommunications numbers have been assigned to the carrier based on the Telecommunications Numbering Regulations.
 - (3) The carrier has received confirmation from a public utilities organization (a corporation established pursuant to the provisions of Article 34 of the Civil Law) relating to telecommunications business supervised by the competent authority (such confirmation work is handled by the Telecom Services Association).

Procedures, Etc., Necessary Before Usage Start

Such procedures as the "preliminary survey application," "interconnection application," and "entering into an Interconnection Agreement" are necessary before usage start.

Please submit an application to NTT East in accordance with the Leased Line Carrier's Rate Application Flow and the Line Shift Application Flow.

A form different from the existing application form for leased line services is used for new line applications, etc., relating to the leased line carrier's rate.

- 5 Leased Line Carrier's Rate Application Flow

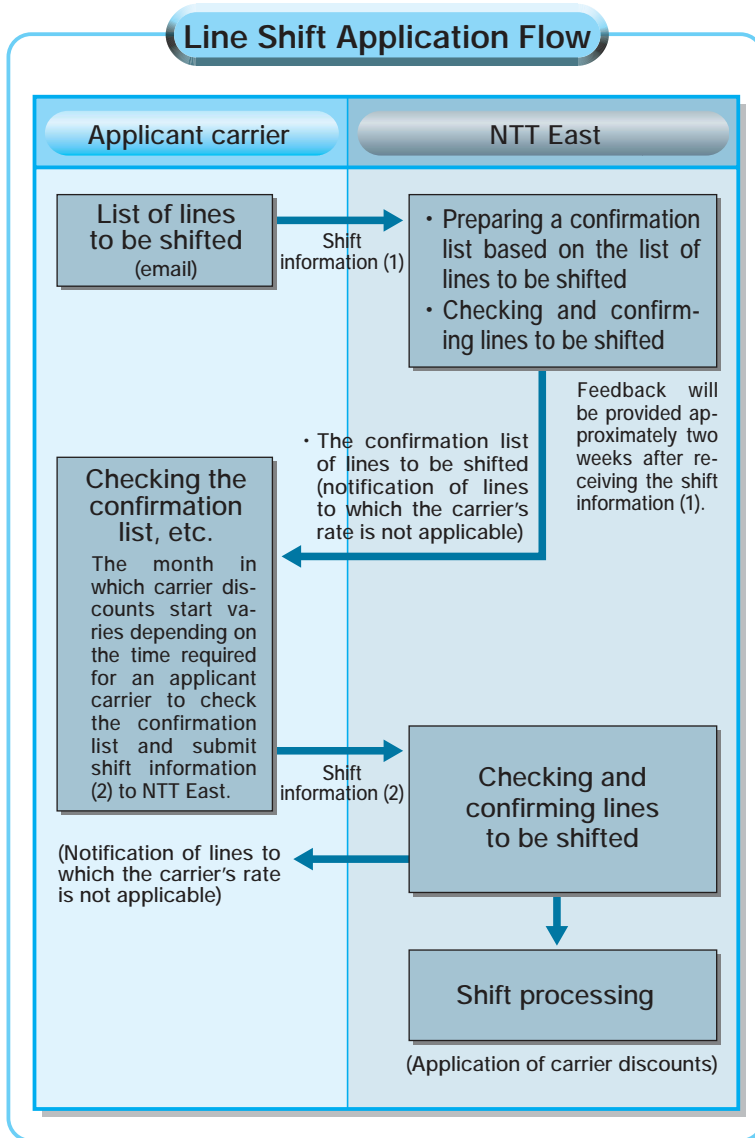
For Telecommunications Carriers Offering Basic Telecommunications Service

Application Flow	Remarks
<p>1. Preparing DB for target lines (already installed lines)</p> <p><small>This process is required in case of lines to be shifted from those covered by the Articles of Agreement for Leased Line Service to those for which the carrier's rate is applicable.</small></p> <p>(Target lines = lines for which service has already been started + lines for which service has not yet been started but for which an application has already been made)</p> <ul style="list-style-type: none"> • Confirmation of a telecommunications carrier code for line-end interconnection (the code will be assigned by NTT East). • Please enter the contracting party name for each line and the leased line ID. • Please enter the name of each end-user at the installation location, etc. 	<ul style="list-style-type: none"> • Please see the line shift application flow in case you have lines to be shifted from those covered by the Articles of Agreement for Leased Line Service to those for which the carrier's rate is applicable.
<p>2. Submitting a preliminary survey application form and a DB for lines to be shifted</p> <p>Please submit a copy of your latest Articles of Agreement for Service</p> <p>Upon receipt, NTT East will mail the Preliminary Survey Reply and the Reception Confirmation Form.</p>	<p>Please submit to: Interconnection Promotion Department</p>
<p>3. Submitting an interconnection application form</p> <p>Upon receipt, NTT East will mail the Acceptance of Interconnection Application, the Interconnection Agreement, and the Particulars Based on the Interconnection Agreement.</p>	<p>Please submit to: Interconnection Promotion Department</p>
<p>4. Entering into an Interconnection Agreement (revision)</p> <p>Please seal and return one copy of the Interconnection Agreement and one copy of the Particulars Based on the Interconnection Agreement (two copies of each of these documents-all sealed by NTT East-were mailed to the applicant carrier).</p>	<p>Please submit to: Interconnection Promotion Department</p>
<p>5. Line application (new, change, cancellation)</p> <p>A separate application is required in advance in order to submit an application via the Internet. Please contact the Business Service Center (03-3740-7331) in connection with submitting an application via the Internet.</p>	<p>Please submit to: Including liaison/coordination work: Account manager Not including liaison/coordination work: Business Service Center</p>

For Other Telecommunications Carriers

Application Flow	Remarks
<p>1. Confirmation by a public utilities organization</p> <p><small>This process is not required for telecommunications carriers offering basic telecommunications service as specified in the Telecommunications Business Law, carriers with a carrier identification code, carriers to which telecommunications numbers have been assigned, and carriers to which a confirmation certificate has been issued by a public utilities organization.</small></p>	<p><Contact information> Telecom Services Association, Business Confirmation Section TEL: 03-3597-1092 FAX: 03-3597-1096 Email: telesa@mx.mesh.ne.jp Homepage URL: www.telesa.or.jp</p> <ul style="list-style-type: none"> • Items related to interconnection with other lines include the following: For the line between the end-user and the applicant carrier building: the ID of the interconnected line between the applicant carrier buildings. For the line between the applicant carrier buildings: the ID of the interconnected line between the end-user and the applicant carrier building or the dial-up number (in case of a public/leased line connection).
<p>2. Preparing DB for lines to be shifted (already installed lines)</p> <p><small>This process is required in case of lines to be shifted from those covered by the Articles of Agreement for Leased Line Service to those for which the carrier's rate is applicable.</small></p> <p>(Target lines = lines for which service has already been started + lines for which service has not yet been started but for which an application has already been made)</p> <ul style="list-style-type: none"> • Confirmation of a telecommunications carrier code for line-end interconnection (the code will be assigned by NTT East). • Please enter the contracting party name for each line and the leased line ID. • Please enter the name of each end-user at the installation location. • Please enter the items related to interconnection with other lines. <p>Please check if the lines are used for service to end-users.</p>	
<p>3. Submitting a preliminary survey application form</p> <ul style="list-style-type: none"> • Carriers preparing the Articles of Agreement for Service: Please submit a copy of the latest Articles of Agreement for Service. • Carriers with a carrier identification code: Please indicate the carrier identification code. • Carriers to which telecommunications numbers are assigned: Please indicate telecommunications numbers. • Carriers with confirmation from a public utilities organization: Please submit a copy of the confirmation certificate. <p>Upon receipt, NTT East will mail the Preliminary Survey Reply and the Reception Confirmation Form.</p>	<p>Please submit to: Interconnection Promotion Department</p>
<p>4. Submitting an interconnection application form</p> <p>Upon receipt, NTT East will mail the Acceptance of Interconnection Application, the Interconnection Agreement, the Contract on Leased Line Service for Carriers and the Particulars Based on the Interconnection Agreement.</p>	<p>Please submit to: Interconnection Promotion Department</p>
<p>5. Entering into an Interconnection Agreement and a Contract on Leased Line Service for Carriers (revision)</p> <p>Please seal and return one copy of the Interconnection Agreement, one copy of the Contract on Leased Line Service for Carriers and one copy of the Particulars Based on the Interconnection Agreement (two copies of each of these documents-all sealed by NTT East-were mailed to the applicant carrier).</p>	<p>Please submit to: Interconnection Promotion Department</p>
<p>6. Line application (new, change, cancellation)</p> <p>A separate application is required in advance in order to submit an application via the Internet. Please contact the Business Service Center (03-3740-7331) in connection with submitting an application via the Internet.</p>	<p>Please submit to: Including liaison/coordination work: Account manager Not including liaison/coordination work: Business Service Center</p>

- 6 Line Shift Application Flow and Data Format



Line Shift Data Format

Shift Information (1): Please enter the company identification code, leased line ID, and line-end interconnection carrier code.

For carriers that are using subscriber line-end interconnection for leased line service, please use the same format as the following to prepare the line-end interconnection line information.

Shift Information (1)		
Company identification code	Leased line ID	Telecommunications carrier code for line-end interconnection
One-digit number	Nine-digit number	Seven-digit number
1	300123456	1234567

Please use CSV file format.

Company identification code: Distinction between NTT East and West to which a line-shift application is to be submitted.
 [1]: NTT East, [2]: NTT West

Line ID: Line number of the line for which a shift application is to be submitted.

Telecommunications carrier code for line-end interconnection designated by NTT East: Code to identify the carrier

Shift Information (2): Please verify the contents of the confirmation list and enter the line-end interconnection classification code, IDs of access lines for lines between other carrier buildings, etc.

Shift Information (1)		Shift Information (2)		
Company identification code	Leased line ID	Line-end interconnection classification code ¹	Line between other carrier buildings	
			Leased line ID ²	Dial-up number ³
One-digit number	Nine-digit number	One-digit number	Nine-digit number	Ten-digit number
1	300123456	0		
1	300123456	0		

Disclosed Information					
Review results ⁴	Reason code ⁴	Company code, etc.	Installation number	Customer name	Installation location address / customer company name
One-digit number	Two-digit number	Seven-digit number	Three-digit number	Up to 40 Chinese characters	Up to 50 Chinese characters
0	00	1234567	001	corporation	Sendai · corporation
0	00	1234567	002	corporation	Sendai · corporation

¹ Line-end interconnection classification code:
 1 = Line-end interconnection side, 0 = User side

² IDs of access lines connected at both ends (please enter only in case of the line between the applicant carrier buildings).

³ Dial-up number in case of a public/leased line connection (please enter only in case of the line between the applicant carrier buildings).

⁴ The review results and reason code are provided after an examination of the lines with respect to the applicability of the carrier's rate based on the shift information (1).

- 7 Entry Examples of Various Leased Line Carrier's Rate Application Forms

Preliminary Survey Application Form Entry Example 1

Please complete the portions in blue.

PRELIMINARY SURVEY APPLICATION

No.
Date:

To: Executive Manager
Interconnection Promotion Department
NTT East

From: Company:
Name: SEAL

Pursuant to the provisions of Paragraph 2, Article 11 (Application for Preliminary Survey) of your Articles of Agreement Concerning Interconnection, we hereby submit the following Preliminary Survey Application for the purpose of establishing/changing interconnection with the NTT East networks.

Outline of interconnection to be established/changed	Usage of inter-terminal transmission functions, etc. (We will set charges for your company's leased line service section to be interconnected to our network.)
Specific contents for negotiation	As specified in Attachment 1
Requested start timing for new/changed interconnection	YY/MM
Contact information (name and telephone number)	(Name) (Title) OOOOO Department OOOOO Company TEL: FAX: EMAIL:

Preliminary Survey Application Form Entry Example 2

Attachment 1

Specific Contents for Negotiation

1. Points of Interconnection															
Points of interconnection specified in the Articles of Agreement	To be interconnected at (1), Paragraph 1, Article 5 (Standard Points of Interconnection) of the Articles of Agreement Concerning Interconnection.														
Points of interconnection other than those specified in the Articles of Agreement	N/A														
2. Demarcation point for telecommunications facilities															
(1) Requested POI installation site	(Enter the requested POI installation sites) Example 1) Within our company's building (address) Example 2) Within an NTT building														
3. Area subject to interconnection															
(1) Service area of applicant carrier subject to interconnection	(Complete this section in the case of new interconnection with NTT East networks) Example 1) Within Tokyo														
(2) Area subject to interconnection per POI	Our network interconnection area: Example 1) Our Tokyo service area NTT East's network interconnection area: Example 1) Tokyo														
4. Technical conditions for interconnection (physical, electrical and logical conditions)															
Addition of new technical conditions	Yes <input type="radio"/> No <input checked="" type="radio"/>														
Interconnection based on the technical conditions specified in the Articles of Agreement.	Chapter XI (Technical Conditions) of the Articles of Agreement Concerning Interconnection As specified in Part __, Chapter II (Technical Conditions by Pattern), Collection of Technical Conditions.														
	<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <tr> <td style="width: 30%;"></td> <td style="width: 30%;">Associated network</td> <td style="width: 30%;">Quasi-associated network</td> </tr> <tr> <td>Signaling network configuration</td> <td></td> <td></td> </tr> <tr> <td>Signaling speed</td> <td>4.8kb/s</td> <td>4.8kb/s</td> </tr> <tr> <td rowspan="2" style="writing-mode: vertical-rl; transform: rotate(180deg);">Circuit reservation</td> <td>Priority originating-user reservation</td> <td>Yes No</td> </tr> <tr> <td>Bi-directional reservation</td> <td>Yes No</td> </tr> </table>		Associated network	Quasi-associated network	Signaling network configuration			Signaling speed	4.8kb/s	4.8kb/s	Circuit reservation	Priority originating-user reservation	Yes No	Bi-directional reservation	Yes No
	Associated network	Quasi-associated network													
Signaling network configuration															
Signaling speed	4.8kb/s	4.8kb/s													
Circuit reservation	Priority originating-user reservation	Yes No													
	Bi-directional reservation	Yes No													
Interconnection based on technical conditions other than those specified in the Articles of Agreement	As per technical conditions for cases other than those in which the Articles of Agreement Concerning Interconnection are not applied (Attachment 1).														
5. Construction of telecommunications facilities															
(1) Capacity of switching and transmission facilities per POI	(Complete this section only when the entry in (1) (Requested POI installation site), Items 2 (Demarcation point for telecommunications facilities) is "Within an NTT East building.")														
(2) Applicant carrier facilities to be collocated within NTT-East buildings (if any)															
<ul style="list-style-type: none"> • Type, quantity, dimensions of facilities to be installed • Electric power requirements • Other installation conditions 															

- 7 Entry Examples of Various Leased Line Carrier's Rate Application Forms

Preliminary Survey Application Form Entry Example 3

<p>• Please enter "17.2" in this section in the case of connecting lines between the end-user building and the applicant carrier building (under the name of the end-user); "543.6" in the case of connecting lines between the applicant carrier buildings (under the name of the applicant carrier) and in the case of connection by collocating applicant carrier facilities in a local NTT building under FLET'S service.</p> <p>• Please enter "18" in the case of direct connection without the collocation of applicant carrier facilities in a local NTT building.</p> <p>• Please contact us separately for other cases</p>							
6. Patterns of interconnection	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; padding: 2px;">Patterns of interconnection specified in the Articles of Agreement</td> <td style="padding: 2px;">Articles of Agreement</td> <td style="padding: 2px;">Chapter VII (Patterns of Interconnection) No. 17-2, No. 18, or No. 543-6, 2-2, Attached Table 2</td> </tr> <tr> <td style="padding: 2px;">Patterns of interconnection other than those specified in the Articles of Agreement</td> <td style="padding: 2px;">Articles of Optional Agreement</td> <td style="padding: 2px;"></td> </tr> </table>	Patterns of interconnection specified in the Articles of Agreement	Articles of Agreement	Chapter VII (Patterns of Interconnection) No. 17-2, No. 18, or No. 543-6, 2-2, Attached Table 2	Patterns of interconnection other than those specified in the Articles of Agreement	Articles of Optional Agreement	
Patterns of interconnection specified in the Articles of Agreement	Articles of Agreement	Chapter VII (Patterns of Interconnection) No. 17-2, No. 18, or No. 543-6, 2-2, Attached Table 2					
Patterns of interconnection other than those specified in the Articles of Agreement	Articles of Optional Agreement						
7. Functions subject to network modification charges							
8. Matters requiring operational cooperation							
(1) Matters for which NTT-East cooperation is requested	As we will present the lines to be shifted from those covered by the Articles of Agreement for Leased Line Service, please verify that the inter-terminal transmission functions, etc., can be applied to such lines and provide whatever cooperation is necessary.						
9. Other							
Interconnection application conditions	<p>Our company falls under Item __, Paragraph 2, Article 22 of the Articles of Agreement Concerning Interconnection.</p> <ul style="list-style-type: none"> • Carrier identification code: _____ • Telecommunications number: _____ • Public utilities organization confirmation: _____ 						
Interconnection Agreement concluded with NTT East	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Please indicate Yes or No.</p>						
Liaison/coordination work	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>						
Responsible NTT East personnel to whom an application for a leased line or a line with subscriber line functions, etc., is submitted	<p>____ Department, _____</p> <p>Name of person responsible: _____</p> <p>Tel: _____</p> <p>Email: _____</p> <p>Please specify the NTT East account manager, etc., to whom a leased line application or an application for a line with subscriber line functions, etc., has been submitted.</p>						
Number of lines to be shifted	<p>The number of lines to be shifted from those covered by the Articles of Agreement for Leased Line Service is as follows (as of MM/DD/YY).</p> <ul style="list-style-type: none"> • Lines between the end-user building and our company building: ___ lines (Breakdown: Under our company name: ___ lines Under end-user name: ___ lines Under joint names: ___ lines) • Lines between our company buildings: ___ lines • Lines between local NTT building and our company building: ___ lines (The above lines are all under our company's name.) <p>We consent to your inclusion of our company name in the Attachment to the Articles of Agreement for Leased Line Service of your company.</p>						

Please enter in case of lines under the end-user name between the end-user building and the applicant carrier building.

Interconnection Application Form Entry Example

INTERCONNECTION APPLICATION

Date: _____

To: President, NTT East

From: Postal Code: _____

Address: _____

Name: _____

(Representative Director and President)

SEAL

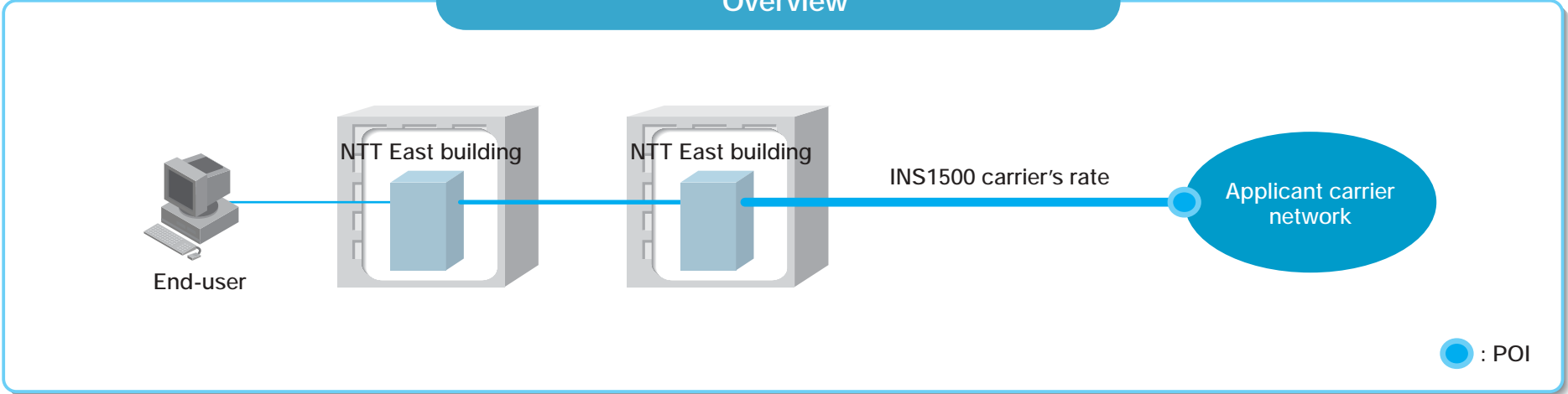
Business Approval (Registration/Notification) No.: _____

Business Approval (Registration/Notification) Date: _____

Regarding your reply dated _____ concerning our Preliminary Survey Application dated _____ (No. _____), we hereby submit this Interconnection Application pursuant to the conditions specified in your reply.

- 1 Outline of INS 1500 Line Carrier's Rate

Overview



Charges

Figures in parentheses = Discount rate

Item	Charges
Not including liaison/coordination work	¥19,964 (35.6%)
Including liaison/coordination work	¥23,312 (24.8%)

Charges = {Line usage charges (basic charges) under the Articles of Agreement for ISDN Service × (1 - ISDN subscriber line transmission function discount rate)}

- 2 Major Conditions for INS 1500 Line Carrier's Rate

Item	Service Conditions
Applicable services	23B+D receive-only lines (excluding 23B+D subscriber lines that are shared with 24B lines, lines to which INS1500 carrier's rate is not applicable, and 23B+D lines used under a pilot number)
Application format	Selecting "including" or "not including" liaison/coordination work per carrier (per-line selections are not accepted)
Contract format	Contracts are executed on a per-line basis after concluding an Interconnection Agreement. (Lines are contracted under the name of the applicant carrier.)
Usage format	The usage purpose is to provide telecommunications service to end-users. (Note) The carrier's rate is not applicable to so-called self-use lines that are used by other carriers for their own usage.
Temporary lines	The carrier's rate is not applicable.
Transfers, suspensions, etc.	Transfers, suspensions and relocations are possible. However, transfers are possible only to carriers that conclude an agreement concerning the INS 1500 carrier's rate. (Transfers after changing to the general INS-Net 1500 lines are accepted.)
Retroactive settlements, etc.	Retroactive and time lag settlements are not applicable.
Other	Conditions stipulated in the Articles of Agreement for ISDN Service are applied mutatis mutandis to other conditions.

- 3 Providing INS 1500 Line Carrier's Rate

Target Carriers, Etc.

The INS 1500 line carrier's rate is applied to telecommunications carriers that conform to the following conditions.

Telecommunications carriers that offer basic telecommunications service as specified in the Telecommunications Business law are requested to provide NTT East with a copy of the latest Articles of Agreement for Service that were submitted to the competent Minister.

With respect to other telecommunications carriers, one of the following items must be applicable.

- (1) The carrier has a carrier identification code for settlements among carriers.
- (2) Telecommunications numbers have been assigned to the carrier based on the Telecommunications Numbering Regulations.
- (3) The carrier has received confirmation from a public utilities organization (a corporation established pursuant to the provisions of Article 34 of the Civil Law) relating to telecommunications business supervised

Procedures, Etc., Necessary Before Usage Start

Such procedures as the "preliminary survey application," "interconnection application," and "entering into an Interconnection Agreement" are necessary before usage start.

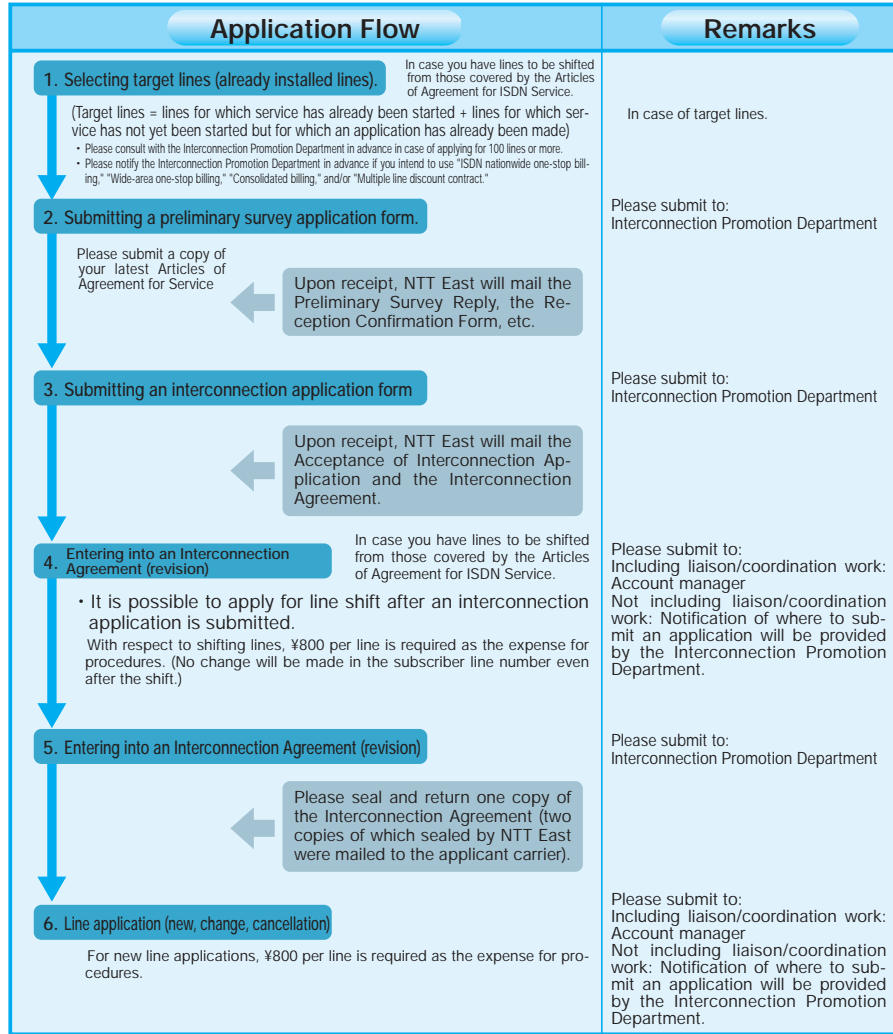
For carriers that selected "Not including liaison/coordination work," please note the following.

- (1) An applicant carrier must submit a line application form to each NTT East branch that handles the line installation.
- (2) No coordination is provided with respect to the installation date (in case the possible work date is different from the requested date).
- (3) Troubleshooting will be handled via Dial 113.

If "Including liaison/coordination work" is selected, the same work as now provided by our account manager, etc., will be continued. Regardless of the selection of including or not including liaison/coordination work, consulting, visits, proposals, quotations (including completing an application form), etc., are not implemented by our account manager, etc., in providing the carrier's rate.

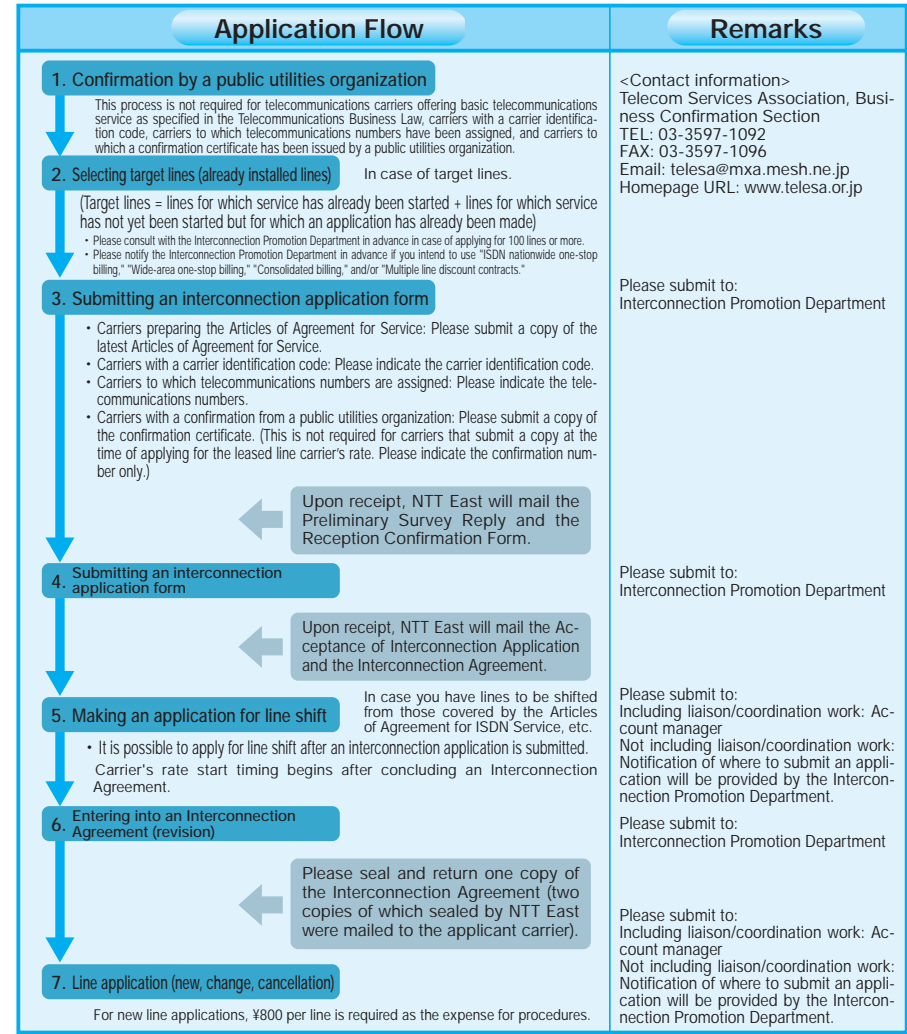
- 4 INS 1500 Line Carrier's Rate Application Flow

For Telecommunications Carriers Offering Basic Telecommunications Service



Invoice description: Including liaison/coordination work "CR line usage charges <Type 1>." Not including liaison/coordination work "CR line usage charges <Type 2>." Other invoice descriptions are the same as those for general INS-Net 1500 service.

For Other Telecommunications Carriers



Invoice description: Including liaison/coordination work "CR line usage charges <Type 1>." Not including liaison/coordination work "CR line usage charges <Type 2>." Other invoice descriptions are the same as those for general INS-Net 1500 service.

- 5 Entry Examples of Various INS 1500 Line Carrier's Rate Application Forms

Preliminary Survey Application Form Entry Example 1

PRELIMINARY SURVEY APPLICATION

To: Executive Manager
Interconnection Promotion Department
NTT East

No. _____
Date: _____

From: _____
Name: _____

Company: _____

SEAL

Pursuant to the provisions of Paragraph 2, Article 11 (Application for Preliminary Survey) of your Articles of Agreement Concerning Interconnection, we hereby submit the following Preliminary Survey Application for the purpose of establishing/changing interconnection with the NTT East networks.

Outline of interconnection to be established/changed	Usage of ISDN subscriber line transmission functions
Specific contents for negotiation	As specified in Attachment 1.
Requested start timing for new/changed interconnection	YY/MM
Contact information (name and telephone number)	(Name) (Title) OOOOO Department OOOOO Company TEL: FAX: EMAIL:

Preliminary Survey Application Form Entry Example 2

Attachment

Specific Contents for Negotiation

1. Points of Interconnection	
Points of interconnection specified in the Articles of Agreement	To be interconnected at (1), Paragraph 1, Article 5 (Standard Points of Interconnection) of the Articles of Agreement Concerning Interconnection.
Points of interconnection other than those specified in the Articles of Agreement	N/A
2. Demarcation point for telecommunications facilities	
(1) Requested POI installation site	Within our company building (address)
3. Area subject to interconnection	
(1) Service area of applicant carrier subject to interconnection	(Complete this section in the case of new interconnection with NTT East networks) Within Tokyo
(2) Area subject to interconnection per POI	Our network interconnection area: Our Tokyo service area NTT East's network interconnection area: Tokyo
4. Technical conditions for interconnection (physical, electrical and logical conditions)	
Addition of new technical conditions	Yes <input type="radio"/> No <input checked="" type="radio"/>
Interconnection based on the technical conditions specified in the Articles of Agreement.	Chapter XI (Technical Conditions) of the Articles of Agreement Concerning Interconnection As specified in Part __, Chapter II (Technical Conditions by Pattern), Collection of Technical Conditions.
Signaling network configuration	Associated network Quasi-associated network
Signaling speed	4.8kb/s 48kb/s
Priority originating-user reservation	Yes No
	Bi-directional reservation
Interconnection based on technical conditions other than those specified in the Articles of Agreement	As specified in Attachment 1 (technical conditions for cases other than those in which the Articles of Agreement Concerning Interconnection are not applied).
5. Construction of telecommunications facilities	
(1) Capacity of switching and transmission facilities per POI	(Complete this section only when the entry in (1) (Requested POI installation site), Item 2 (Demarcation point for telecommunications facilities) is "Within an NTT East building.")
(2) Applicant carrier facilities to be collocated within NTT-East buildings (if any) • Type, quantity, dimensions of facilities to be installed • Electric power requirements • Other installation conditions	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">For Type I telecommunications carriers, please enter "6-2." For Type II telecommunications carriers, please enter "17-2."</div>	
6. Patterns of interconnection	
Patterns of interconnection specified in the Articles of Agreement	Articles of Agreement Chapter VII (Patterns of Interconnection) As specified in No. __, Attached Table 2-2
Articles of Optional Agreement	Chapter VI (Patterns of Interconnection) As specified in No. __ ~ No. __, Attached Table 2-2
Patterns of interconnection other than those specified in the Articles of Agreement	As specified in Attachment 2 (Patterns of Interconnection)

- 5 Entry Examples of Various INS 1500 Line Carrier's Rate Application Forms

Preliminary Survey Application Form Entry Example 3

7. Functions subject to network modification charges				
Functions requested by applicant carrier from among those subject to network modification charges	No. __, 1.2.1.1 (Functions Subject to Network Modification Charges), 1.2 (Network Modification Charges), Table 1 in the Tables of Charges, the Articles of Agreement Concerning Interconnection			
Outline of functions requested by applicant carrier other than those subject to network modification charges	/			
8. Matters requiring operational cooperation				
(1) Matters for which NTT-East cooperation is requested	/			
9. Carrier identification code and type of code				
Carrier identification code	()	()	()	()
Domestic basic and domestic supplementary service; shared use				
Domestic supplementary and international supplementary service; shared use				
Domestic basic and international basic service; shared use				
International basic service; exclusive use				
Please enter a check mark in any of the four rows for each carrier identification code. Please check the first row in case of "domestic basic service," and check the second row in case of "domestic supplementary service; exclusive use" or "international supplementary service; exclusive use."				
10. Carrier pre-subscription function				
Usage of carrier pre-subscription function: Yes or No				
Call category	Local calls	Intra-prefecture toll calls	Inter-prefecture toll calls	International calls
Carrier pre-subscription number				
Service area				
11. Other				
Interconnection application conditions	Our company falls under Item __, Paragraph 2, Article 22 of the Articles of Agreement Concerning Interconnection.			
	<ul style="list-style-type: none"> • Carrier identification code: • Telecommunications number: • Public utilities organization confirmation number: 			
Interconnection Agreement concluded with NTT East	Yes			
Liaison/coordination work	Yes			
Responsible NTT East personnel to whom an application for an INS-Net 1500 line is submitted	_____ Department, NTT Name of person responsible: Tel: Email:			
Number of lines to be shifted	The number of lines to be shifted from those covered by the Articles of Agreement for Leased Line Service is __ (within NTT East area) (as of MM/DD/YY). Applicable billing cycle is Blocks __ and __. Service-use confirmation URL: www.....			

Please specify the NTT East account manager, etc., to whom the application for the INS-Net1500 line has been submitted.

Please enter the URL of your Homepage (showing a list of dial-up numbers for end-users, etc.), by which it is possible to confirm that the lines to be shifted are for service use. In case such list is not included in the Homepage, please enclose a manual for end-users, etc., that indicates dial-up numbers.

Please enter the applicable number from among the following:
 Telecommunications carriers offering basic telecommunications services: 1
 Telecommunications carriers other than 1 and with a carrier identification code: 2
 Telecommunications carriers other than 1 and to which telecommunications numbers are assigned: 3
 Telecommunications carriers other than 1 and with a confirmation from a public utilities organization: 4
 For carriers falling under Classifications 2, 3 and 4, please enter the applicable number, etc. (from among the carrier identification code, the telecommunications number or the public utilities organization confirmation number).

Please enter the applicable number.

Please indicate Yes or No.

Please enter the applicable billing cycle block(s) (multiple blocks are acceptable; please confirm with the invoice issued by NTT East) from among the following. Block A: 21st ~ 20th, Block B: 26th ~ 25th, Block C: 1st ~ end of month), Block D: 6th ~ 5th, Block E: 11th ~ 10th, Block F: 16th ~ 15th.