

Attached Table 2: Patterns of Interconnection

1. Application

Classification	Description												
(1) Carrier classification	<p>In Attached Table 2 and Supplementary Provisions, the terms listed in the left column of the following table shall have the respective meaning as defined in the right column.</p> <table border="1" data-bbox="622 316 1946 603"> <thead> <tr> <th data-bbox="622 316 757 331">Term</th> <th data-bbox="761 316 1946 331">Meaning</th> </tr> </thead> <tbody> <tr> <td data-bbox="622 335 757 379">1. Originating carriers</td> <td data-bbox="761 335 1946 379">Telecommunications carriers directly connecting to users when communications is originated by such users (however, this shall not apply to originating carriers specified under Table 2-2).</td> </tr> <tr> <td data-bbox="622 383 757 427">2. Terminating carriers</td> <td data-bbox="761 383 1946 427">Telecommunications carriers directly connecting to destination users when communications is originated by users (however, this shall not apply to terminating carriers specified under Table 2-2).</td> </tr> <tr> <td data-bbox="622 430 757 475">3. Transit carriers</td> <td data-bbox="761 430 1946 475">Telecommunications carriers installing telecommunications facilities through which communications is transmitted when such communications is originated by users (excluding the originating and terminating carriers).</td> </tr> <tr> <td data-bbox="622 478 757 539">4. Old Type II telecommunications carriers</td> <td data-bbox="761 478 1946 539">Any person who submitted notification stipulated in the provisions of Paragraph 1, Article 22 of the Telecommunications Business Law (hereinafter referred to as the "old Business Law") before the amendment by the Law Amending Part of the Telecommunications Business Law and the Law Concerning the Nippon Telegraph and Telephone Corporation, Etc. (Law No. 125, 2003), or who obtained registration stipulated in Paragraph 1, Article 24 of the old Business Law</td> </tr> <tr> <td data-bbox="622 542 757 603">5. Transit carriers with no carrier code</td> <td data-bbox="761 542 1946 603">Telecommunications carriers installing telecommunications line facilities that provide international telecommunications service or domestic telecommunications service between POIs and that do not have telecommunications numbers stipulated in Paragraph 1, Article 5 of the Telecommunications Numbering Regulations</td> </tr> </tbody> </table>	Term	Meaning	1. Originating carriers	Telecommunications carriers directly connecting to users when communications is originated by such users (however, this shall not apply to originating carriers specified under Table 2-2).	2. Terminating carriers	Telecommunications carriers directly connecting to destination users when communications is originated by users (however, this shall not apply to terminating carriers specified under Table 2-2).	3. Transit carriers	Telecommunications carriers installing telecommunications facilities through which communications is transmitted when such communications is originated by users (excluding the originating and terminating carriers).	4. Old Type II telecommunications carriers	Any person who submitted notification stipulated in the provisions of Paragraph 1, Article 22 of the Telecommunications Business Law (hereinafter referred to as the "old Business Law") before the amendment by the Law Amending Part of the Telecommunications Business Law and the Law Concerning the Nippon Telegraph and Telephone Corporation, Etc. (Law No. 125, 2003), or who obtained registration stipulated in Paragraph 1, Article 24 of the old Business Law	5. Transit carriers with no carrier code	Telecommunications carriers installing telecommunications line facilities that provide international telecommunications service or domestic telecommunications service between POIs and that do not have telecommunications numbers stipulated in Paragraph 1, Article 5 of the Telecommunications Numbering Regulations
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(2) Abbreviations used in Carrier Setting User Charges and Carrier Billing User Charges columns	<p>The abbreviations listed in the left column that are used in the Carrier Setting User Charges and Carrier Billing User Charges columns in Attached Table 2 shall have the respective meaning as defined in the right column.</p> <table border="1" data-bbox="622 687 1946 951"> <thead> <tr> <th data-bbox="622 687 757 703">Abbreviation</th> <th data-bbox="761 687 1946 703">Meaning</th> </tr> </thead> <tbody> <tr> <td data-bbox="622 707 757 751">Section A</td> <td data-bbox="761 707 1946 751">The section that starts from NTT as the originating carrier and consists of NTT, the specified long-distance carrier or the specified local carrier (this section always involves the specified long-distance carrier as the transit carrier).</td> </tr> <tr> <td data-bbox="622 754 757 799">Section B</td> <td data-bbox="761 754 1946 799">The section that starts from the specified local carrier as the originating carrier and consists of NTT, the specified long-distance carrier or the specified local carrier (this section always involves the specified long-distance carrier as the transit ca</td> </tr> <tr> <td data-bbox="622 802 757 847">Section C</td> <td data-bbox="761 802 1946 847">The section that starts from NTT as the terminating carrier and consists of NTT, the specified long-distance carrier or the specified local carrier (this section always involves the specified long-distance carrier as the transit carrier).</td> </tr> <tr> <td data-bbox="622 850 757 895">Section D</td> <td data-bbox="761 850 1946 895">The section that starts from the specified local carrier as the terminating carrier and consists of NTT, the specified long-distance carrier or the specified local carrier (this section always involves the specified long-distance carrier as the transit ca</td> </tr> </tbody> </table>	Abbreviation	Meaning	Section A	The section that starts from NTT as the originating carrier and consists of NTT, the specified long-distance carrier or the specified local carrier (this section always involves the specified long-distance carrier as the transit carrier).	Section B	The section that starts from the specified local carrier as the originating carrier and consists of NTT, the specified long-distance carrier or the specified local carrier (this section always involves the specified long-distance carrier as the transit ca	Section C	The section that starts from NTT as the terminating carrier and consists of NTT, the specified long-distance carrier or the specified local carrier (this section always involves the specified long-distance carrier as the transit carrier).	Section D	The section that starts from the specified local carrier as the terminating carrier and consists of NTT, the specified long-distance carrier or the specified local carrier (this section always involves the specified long-distance carrier as the transit ca		
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(3) Application of table	<p>The patterns of interconnection in Attached Table 2 are specified in accordance with each item below.</p> <p>a. Communications originating from the carrier indicated in the Originating Carrier column, transiting the carrier indicated in the Transit Carrier column (including cases in which the same carrier may be transited multiple times) and terminating at the carrier indicated in the Terminating Carrier column. Where no applicable carrier is involved, the space is left blank and communications terminates at the carrier indicated in the Terminating Carrier column.</p> <p>b. The patterns of interconnection with DSL lines are specified in Table 2-1, and those with other than DSL lines are specified in Table 2-2. In this case, when NTT or the contracting carrier entered in the Originating Carrier column or Terminating Carrier column of Table 2-2 is the same as NTT or the contracting carrier entered in the Terminating Carrier column of Table 2-1 ("terminating carrier" may be read as "originating carrier" and "originating carrier" may be read as "terminating carrier"), interconnection may be established with NTT or the contracting carrier entered in the Terminating Carrier column of Table 2-1 under the patterns of interconnection specified in Table 2-2. In the event Table 2-1 and Table 2-2 are applied on a combined basis, "NTT" entered in Table 2-1 or Table 2-2 may be read as the "specified local carrier.</p> <p>c. Under the patterns of interconnection in which NTT (limited to the telephone network or ISDN network) is entered in the terminating carrier column in Table 2-2, connection is made to the post-change carrier through NTT, which is the terminating carrier under local number portability. In this case, the changes specified in Columns 2 through 4 are not applied.</p> <p>d. Notwithstanding the provisions in (1) and (3)a above, if the "mobile carrier" is entered in the Originating Carrier column or the Terminating Carrier column of Column 1 of Attached Table 2, there may be cases in which communications is originated from the mobile carrier that is entered in the Originating Carrier column, transits through the section using the exclusive transmission function of NTT and is connected to the transit carrier or the terminating carrier, or cases in which communications transits through the section using the exclusive transmission function of NTT and is terminated at the mobile carrier that is entered in the Terminating Carrier column.</p> <p>e. Notwithstanding the provisions in (1) and (3)a above, if a carrier other than NTT is entered in the Originating Carrier column, the Transit Carrier column or the Terminating Carrier column, there may be cases in which the section of NTT or the specified local carrier that uses the function specified in (6) of the table for the subscriber line transmission function or the optical signal interface transmission function is included in the section of the relevant carrier.</p> <p>f. Notwithstanding the entries in Column 2 or Column 3, there may be cases in which charges are set and billed for the NTT section to which Article 4 (Charges and Technical Conditions, Etc., of Subscriber Line End Interconnection Carrier) is applicable or the NTT section using the exclusive transmission function in the event the "service providing carrier" is entered in Column 2 and Column 3 of Attached Table 2 and when a terminating carrier other than NTT interconnects to the IP communications network at a site specified in (1) or (5), Paragraph 1, Article 5 (Standard Points of Interconnection).</p>												

	<p>g. Notwithstanding the provisions in (1) and (3)a above, if a "PHS carrier (dependent-type)" is entered in the "Originating Carrier column or the Terminating Carrier column of Column 1 of Attached Table 2, there may be cases in which communications is originated from the PHS carrier (dependent-type) that is entered in the Originating Carrier column, transits through the NTT section using the exclusive transmission function and the section of the PHS carrier (dependent-type) facilities and is connected to the transit carrier or the terminating carrier, or cases in which communications transits through the section of the PHS carrier (dependent-type) facilities and the NTT section using the exclusive transmission function and is terminated at the PHS carrier (dependent-type) that is entered in the Terminating Carrier column.</p>
(4) Usage of NTT Group Company (NTT-G) in Column 1	<p>The term NTT-G (NTT Group Company) in the Transit Carrier column in Column 1 means cases in which communications transits NTT, the specified long-distance carrier or the specified local carrier (including cases in which these carriers are transited multip</p>
(5) Identification of long-distance carrier in Columns 2 through 4	<p>However, if the user is able to select the "carrier setting user charges" and the "carrier billing user charges" under the same pattern of interconnection, the applicable long-distance carrier is identified as the "n-th long-distance carrier from the originating side." With respect to telephone and other services that are stipulated in the articles of agreement, etc., of the relevant long-distance carrier and under the pattern of interconnection in which a call is terminated at the leased line of NTT, the specified local carrier, or a local carrier, if the applicable long-distance carrier is the "carrier setting user charges" for the relevant leased line section, this long-distance carrier is identified as the "first long-distance carrier from the terminating side" or the "second long-distance carrier from the terminating side." Under the patterns of interconnection in which control is provided through the telecommunications facilities of a long-distance carrier to realize service for subscribers of such long-distance carrier, the expression "long-distance carrier (service control carrier)" is entered in Columns 2 through 4 only when only a long-distance carrier that is different from the said long-distance carrier is entered in Column 1, Table 2-2.</p>
(6) Identification of Type II telecommunications carrier in Columns 2 through 4	<p>In the event multiple old Type II telecommunications carriers are entered in the Transit Carrier column of Column 1 of Attached Table 2 and when an old Type II telecommunications carrier is entered in the "Carrier Setting User Charges" column, the "Carrier Billing User Charge" column or the "Carrier Paying Usage-Sensitive Access Charges" column, the old Type II telecommunications carrier is identified as follows: the "first old Type II telecommunications carrier from the originating side," the "second old Type II telecommunications carrier from the originating side," or the "third old Type II telecommunications</p>

2-1 Carriers Setting/Billing User Charges by Pattern of Interconnection with DSL Lines

Column 1			Column 2	Column 3	Column 4	Remarks
Originating Carrier	Transit Carrier	Terminating Carrier	Carrier Setting User Charges	Carrier Billing User Charges	Carrier Paying Usage-Sensitive Access Charges	
NTT		Local carrier	(1) Segment other than Segment (2): Local carrier (2) DSL line segment: NTT	(1) Segment other than Segment (2): Local carrier (2) DSL line segment: NTT		
NTT		Subscriber line end interconnection carrier	(1) Segment other than Segment (2):Subscriber line end interconnection carrier (2) DSL line segment: NTT	(1) Segment other than Segment (2): Subscriber line end interconnection carrier (2) DSL line segment: NTT		
NTT		Type II telecommunications carrier	Service providing carrier	Service providing carrier		
NTT		Local carrier	Service providing carrier	Service providing carrier		
Local carrier	Local carrier and NTT-G	NTT	(1) Segment other than Segment (2): Service providing carrier (2) Terminating carrier column: See Table 2-2	(1) Segment other than Segment (2): Service providing carrier (2) Terminating carrier column: See Table 2-2	See Table 2-2	
NTT	Local carrier	NTT	(1) Segment other than Segment (2): Service providing carrier (2) Terminating carrier column: See Table 2-2	(1) Segment other than Segment (2):Service providing carrier (2) Terminating carrier column: See Table 2-2	See Table 2-2	
Type II telecommunications carrier	Type II telecommunications carrier and NTT-G	NTT	(1) Segment other than Segment (2): Service providing carrier (2) Terminating carrier column: See Table 2-2	(1) Segment other than Segment (2): Service providing carrier (2) Terminating carrier column: See Table 2-2	See Table 2-2	
NTT	Type II telecommunications carrier	NTT	(1) Segment other than Segment (2): Service providing carrier (2) Terminating carrier column: See Table 2-2	(1) Segment other than Segment (2):Service providing carrier (2) Terminating carrier column: See Table 2-2	See Table 2-2	
Local carrier	NTT-G	Local carrier	Service providing carrier	Service providing carrier		
Type II telecommunications carrier	Type II telecommunications carrier and NTT-G	Local carrier	(1) Segment other than Segment (2): Local carrier (2) DSL line segment: NTT	(1) Segment other than Segment (2): Local carrier (2) DSL line segment: NTT		
NTT	Type II telecommunications carrier	Local carrier	(1) Segment other than Segment (2): Local carrier (2) DSL line segment: NTT	(1) Segment other than Segment (2):Local carrier (2) DSL line segment: NTT		
Type II telecommunications carrier	NTT-G	Type II telecommunications carrier	Service providing carrier	Service providing carrier		
Type II telecommunications carrier	Type II telecommunications carrier and NTT-G	Local carrier	(1) Segment other than Segment (2) or (3): Local carrier (2) Originating carrier column: Type II telecommunications carrier (3) DSL line segment: NTT	(1) Segment other than Segment (2) or (3): Local carrier (2) Originating carrier column: Type II telecommunications carrier (3) DSL line segment: NTT		
Local carrier	NTT-G Local carrier and NTT-G	Local carrier	Local carrier	Local carrier		
NTT		Local carrier	Local carrier	Local carrier		
NTT	Type II telecommunications carrier and Local carrier	Local carrier	Local carrier	Local carrier		
Type II telecommunications carrier	Type II telecommunications carrier and NTT-G	Local carrier	Local carrier	Local carrier		
NTT	Long-distance carrier Type II telecommunications carrier and NTT-G	Local carrier	Local carrier	Local carrier		
Type II telecommunications carrier	NTT-G	Type II telecommunications carrier	Type II telecommunications carrier	Type II telecommunications carrier		
NTT		Type II telecommunications carrier	Type II telecommunications carrier	Type II telecommunications carrier		
Type II telecommunications carrier	Type II telecommunications carrier and NTT-G	Local carrier	(1) Segment other than Segment (2): Local carrier (2) Originating carrier column: Type II telecommunications carrier	(1) Segment other than Segment (2): Local carrier (2) Originating carrier column: Type II telecommunications carrier		

Type II telecommunications carrier	NTT-G	Type II telecommunications carrier
NTT		Type II telecommunications carrier
NTT		Type II telecommunications carrier
NTT	Type II telecommunications carrier	Type II telecommunications carrier
NTT	Type II telecommunications carrier	Local carrier
NTT	Type II telecommunications carrier and Long-distance carrier	Local carrier
NTT	Long-distance carrier	Local carrier
NTT	Type II telecommunications carrier and Long-distance carrier	NTT

15	(1) Segment other than Segment (2): See Table 2-2 (2) Originating carrier column: Type II telecommunications carrier	(1) Segment other than Segment (2): See Table 2-2 (2) Originating carrier column: Type II telecommunications carrier		
15-2	(1) Segment other than Segment (2): Type II telecommunications carrier (2) DSL line segment: NTT	(1) Segment other than Segment (2): Type II telecommunications carrier (2) DSL line segment: NTT		
16-2	See Table 2-2	See Table 2-2		
17	Type II telecommunications carrier(Terminating carrier)	Type II telecommunications carrier(Terminating carrier)		
18	Type II telecommunications carrier (the second Type II telecommunications carrier from the originating side)	Type II telecommunications carrier (the second Type II telecommunications carrier from the originating side)	-	
19	Long-distance carrier	Long-distance carrier	-	
19-2	Long-distance carrier (the second Long-distance carrier from the originating side)	Long-distance carrier (the second Long-distance carrier from the originating side)	-	
20	Long-distance carrier	Long-distance carrier	-	

