New competition framework

Outline of a law for amendments to the Telecommunications Business Law etc

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Background and purpose

• In response to the rapid shift from the "age of telephony" to the "age of the Internet," from the viewpoint of encouraging telecommunications carriers to deploy diversified businesses, review overall regulatory frameworks of the Telecommunications Business Law (TBL).

Content of the Law

- <u>Abolish the business classification of Type I and Type II telecommunications businesses</u> in line with TBL under which telecommunications businesses are imposed disciplines according to whether possessing infrastructures or not. Thus, promote <u>entire deregulation</u> on entry restraints, service offerings, etc.
- <u>Make rules, etc. in response to rapidly increasing complaints from consumers</u> on telecommunications services.
- Implement <u>necessary reviews</u> on the <u>security and reliability of networks</u>, <u>interconnection</u> between carriers, <u>ensuring of essential communications</u>, etc., while maintaining the current basic frameworks.

Type I telecommunications business

- A business providing services by <u>installing its own</u> <u>infrastructures</u> [e.g., NTT East, NTT West, NTT DoCoMo, KDDI, Japan Telecom]
- Permission system for new entry
- Privilege of public utilities
- ? Tariff regulations (service offerings under uniform terms and conditions)

Type II telecommunications business

- A business providing services by <u>leasing infrastructures</u> [e.g., ISPs, etc.]
- Registration/notification system for new entry
- No tariff regulations (service offerings under terms and conditions on a contract basis)

Telecommunications business

A business providing telecommunications services (regardless of installing own infrastructures or leasing infrastructures from others)

[Points of amendment to regulatory frameworks]

- Abolish the permission system pertaining to business entry/withdrawal, shift to a registration or notification system.
- Introduce an authorization system for privilege of public utilities conducive to facilitation of infrastructure construction.
- Liberalize service offerings in principle. (In principle, abolish tariff regulations.)
- Make rules for protecting consumers (announcement of withdrawal, explanation of service content, dispute settlement, etc.).

The Concept of Type 1 and Type 2 carriers and the change of Market situation

Type 1 Telecommunications Carriers

Carriers establishing circuit facilities by themselves

"Large Telephone Company"

> Examples (as of March 1986) NTT, KDD, Japan-Telecom and others (7 companies) > Mainly providing PSTN (Telephone) service

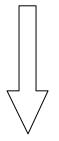
Type 2 Telecommunications Carriers

Carriers borrowing circuit facilities from other carries

"Value-added Service Provider"

> Mainly providing value-added services such as data services to meet individual corporate needs





Recent trends

Emergence of type 1 carriers providing services with very limited scale

- >CATV operators (301 companies)
- **►Wireless LAN operators**
- ► CBD(Central Business District) access operators

Emergence of type 2 carriers providing services to large number of public users

- >ISP services
- **▶IP-Telephony Services**
- **►ADSL Services**

Competition in the same service market has significantly progressed

- 1. Abolition of distinction between Type 1 and Type 2 telecommunications business
- 2. Abolition of permission system for market entry with regard to Type 1 telecommunications business
- 3. Abolition of permission system for suspension and discontinuance of business with regard to Type 1 telecommunications business
- 4. Abolition of tariff regulations for non-dominant carriers
- 5. Abolition of ex-ante regulations with regard to interconnection such as prior notification of interconnection agreement for non-dominant carriers
- 6. Maintenance of asymmetrical regulations for dominant carriers

Rules for Services 1. "Market Entry"

Current Scheme

Permission

Type 1 Carriers (installing circuit facilities)

Special Type 2 carriers

Carriers

Notification to the Minister

Revised Scheme Carriers installing large-scale other carriers
circuit facilities

Registration

Other carriers
Notification

to the Minister



Enabling all carriers to develop business swiftly, catching emerging business chance and meeting users' needs in a timely manner.

Rules for Services 2. "Suspension and discontinuation of business"

Current Scheme

Type 1 Carriers

Permission

Ensure users to be notified and to enable to switch to other carriers smoothly

Protection of user interests

Type 2 Carriers

Ex-post Notification to the Minister

No rules for user protection

Revised Scheme

All Carriers

Notification to Users + Ex-post Notification
to the Minister



Establishment of rules for user protection at suspension and discontinuation of business for all carriers

Rules for Services 3. "Charges and other terms and conditions"

Current Scheme Type 1 Carriers

Special Type 2 Carriers

General Type 2 Carriers

Tariff

Uniform Charge
Uniform Charge
Uniform Charge
Uniform Charge
Contract through negotiations

Scheme for submission of complaints or opinions to the Minister and order to improve business activities.

Revised Scheme Designated services provided by carries installing essential facilities

Contract through negotiations

Others

Contract through negotiations

Obligation to explain important matters to users

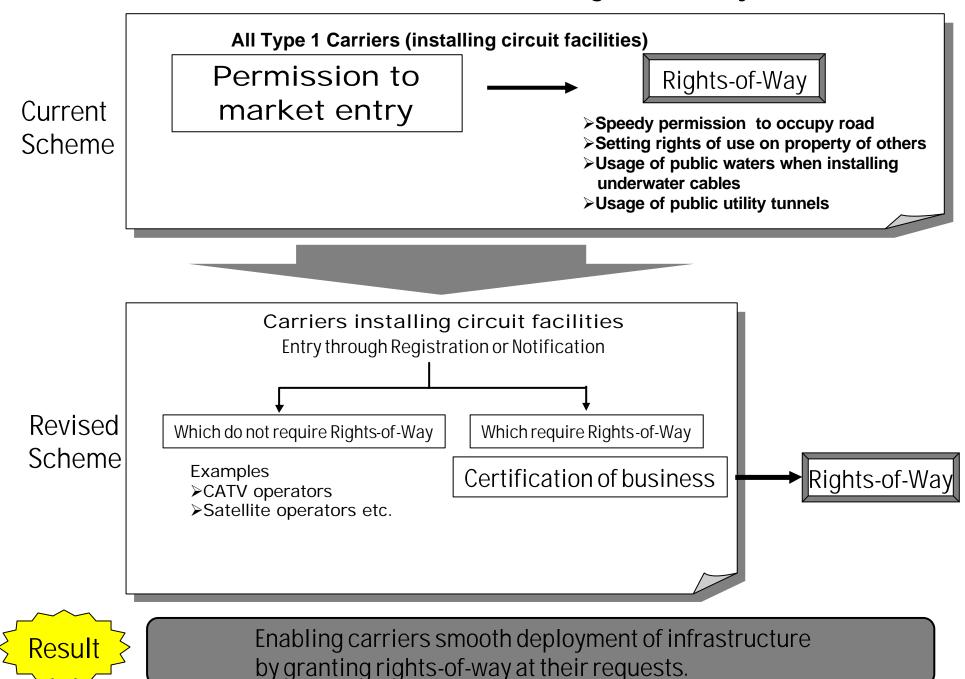
Obligation to process complaints swiftly and properly

- > Notification of the tariff for universal services (basic charge, local call, emergency call etc.) is required
- > Price-cap system for dominant carrier's services is maintained.
- > Scheme for submission of complaints or opinions to the Minister and order to improve business activities are maintained to protect users.



Promotion of variable services to meet user needs, and enhancement of user protection

Rules for Infrastructure 1. "Rights-of-Way"



Rules for Infrastructure 2. "Technical Standards, Interconnection"

Rules for security and reliability of network

➤ Technical standards to assure security and reliability are required continuously.

Rules for interconnection

- ➤ Ex-ante regulations for interconnection except those regarding essential facilities, etc. are abandoned
- ➤ For disputes among carriers, dispute settlement scheme and business-improvement order

Rules for essential communications

Assure end to end essential communications, by establishing rules for essential communications between carriers.