

Press Release

11:00, 25 May 2001

Japan Telecom Co., Ltd.  
Korea Telecom Corporation  
Kyushu Electric Power Co., Inc.  
NTT Communications Corporation

**“Construction and Maintenance Agreement” and “Supply Contract”  
for the Korea-Japan Cable Network (KJCN)  
as Japan-Korea IT Optical Corridor Project**

Four leading companies in Korea and Japan today signed the "Construction and Maintenance Agreement" to build the ultra-high bandwidth optical fiber submarine cable system between Korea and Japan named as the Korea-Japan Cable Network (KJCN). They will go on to sign "Supply Contract" today and will begin the construction. The signing comes after concerted talks among Japan Telecom Co., Ltd., Korea Telecom Corporation, Kyushu Electric Power Co., Inc. and NTT Communications Corporation.

As the Internet is widely spreading in the Asian region including Korea and Japan, the significant progress of broadband services and expansion of e-commerce has been leading to rapid growth of the demand for telecommunications, such as data transmission and video/music streaming. Considering those situations, the four companies recognized the necessity of a new optical fiber submarine cable system between the two countries, and agreed to construct the KJCN system in order to meet the additional demands.

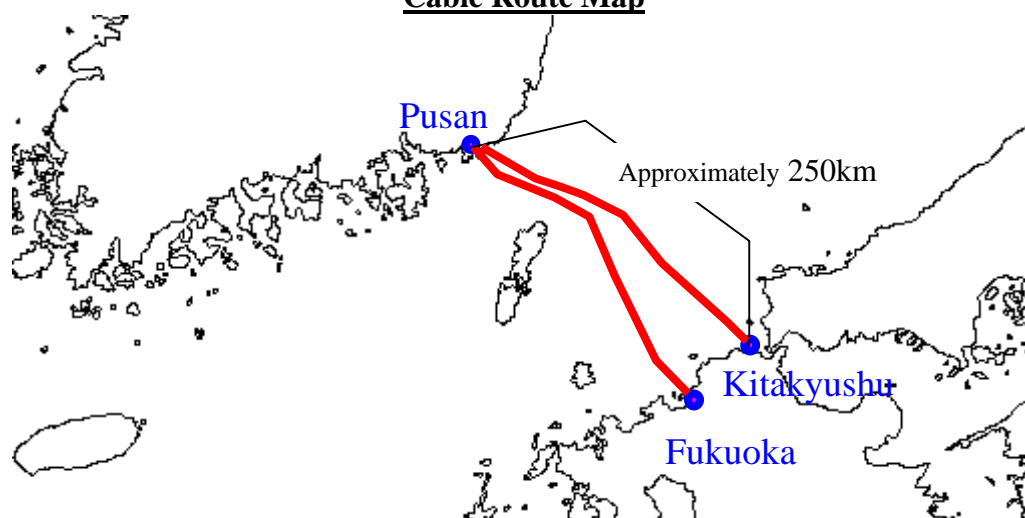
The KJCN system will be ready for service in March, 2002 to cater for future Internet broadband demand and will be utilized for main traffic stream of the Korea/Japan FIFA World Cup event starting from the end of May, 2002.

The KJCN cable system with 12 fiber pairs will adopt state-of-the-art non-repeater and Dense Wavelength Division Multiplexing (DWDM) technology to provide upgradeable, future-proof transmission facilities. The KJCN will connect approximately 250 km distance between the two countries with two routes, Pusan-Fukuoka and Pusan-Kitakyushu. The landing station in Korea will be provided by Korea Telecom and two of those in Japan by Japan Telecom and NTT Communications, respectively.

This plan enjoys the support and cooperation by the economic federations of the two countries --- Kyushu-Yamaguchi Economic Federation (KYUKEIREN) and the Federation of Korean Industries (FKI) --- as "Japan-Korea IT Optical Corridor Project." The KJCN system, with its large bandwidth and high quality transmission technology, will not only meet the present and future burgeoning growth in telecommunications traffic, but also contribute to greater economic, industrial and cultural development in the two countries in the 21st century.

**Outline of the KJCN**

Item		Description	Remarks
Routes		2 routes Pusan - Fukuoka Pusan - Kitakyushu	Approximately 250 km/route
Optical Fibers		12 fiber pairs/route	
Capacity	Initial	50 Gigabits/second	Equivalent to 650,000 simultaneous telephone channels or ability to transmit 78 CD-ROMs/second
	Design	2.88 Terabits/second	Equivalent to 35,000,000 simultaneous telephone channels or ability to transmit 4,500 CD-ROMs/second
Ready For Service		March 2002	In advance of FIFA World Cup
Investment Share		Japan Telecom: 20%	
		Korea Telecom: 20%	
		Kyushu Electric Power: 40%	
		NTT Communications: 20%	
Main Contractor		Fujitsu Limited	
Total Project Cost		Approximately US\$60million	

**Cable Route Map**

For further information, please contact:

Japan Telecom Co., Ltd.

Public Relations Department, Tel: 81-3-5540-8017

Korea Telecom Corporation

Public Relations Office, Tel: 82-31-727-2560

Kyushu Electric Power Co., Inc.

Public Relations Department, Tel: 81-92-741-2516

NTT Communications Corporation

Arcstar Global Network Business Division, Tel: 81-3-6800-4011