

July 12th, 2022
NTT Corporation
NTT Ltd Japan Corporation
PC Landing Corp.
Mitsui & Co., Ltd
JA Mitsui Leasing, Ltd.

New company builds and operates a trans-Pacific submarine cable system between the US and
Japan

NTT Ltd Japan Corporation (“NTT-LJ”), PC Landing Corp. (“PCLC”, NTT-LJ and PCLC are referred to as “NTT Group”), Mitsui & Co., Ltd. (“Mitsui”), and JA Mitsui Leasing, Ltd. (“JAML”) today announced the launch of the new company, Seren Juno Network Co., Ltd. (“Seren”) for constructing and operating “JUNO”, the new trans-Pacific submarine cable system that links the US and Japan.

The role of international submarine cable systems is becoming more crucial year by year as the fundamental infrastructure to support the rapid expansion of the digital ecosystem. JUNO serves the ever-growing digital economy in the Asia-Pacific region by landing in Japan which is a “Data Hub” located in the mid-point of the US and Asian countries.

Seren manages the entire project from the planning, construction to sales and operations of the network to provide the reliable services for the global business activities of major technology companies, OTTs and telecommunication carriers.

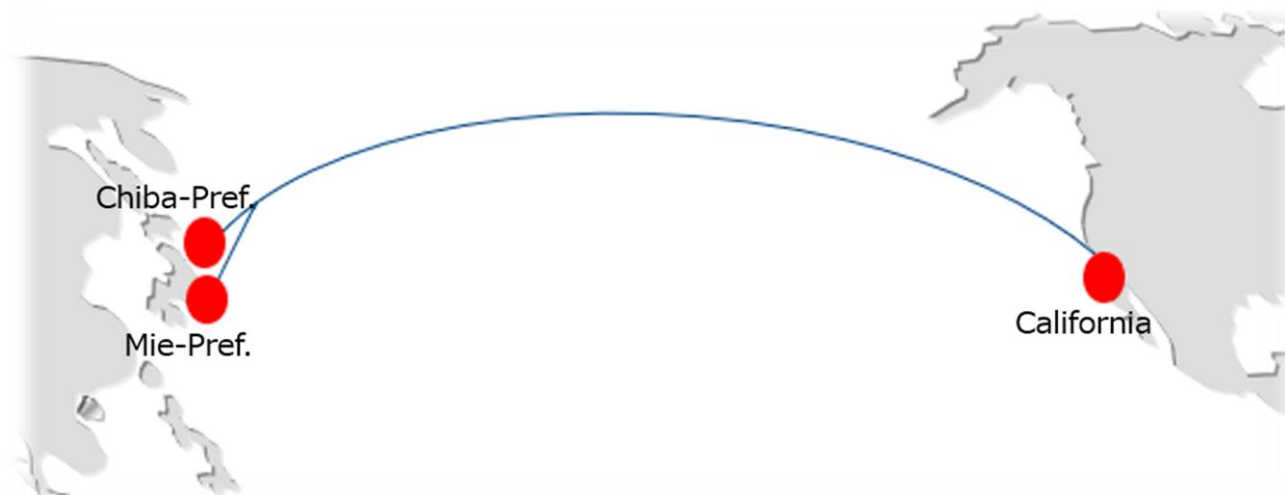
JUNO introduces the leading-edge SDM (Space Division Multiplexing) technology to enable the 20 optical fiber pairs (40 cores) per cable, whereas the cable with the conventional technology currently carries a maximum of 16 fiber pairs (32 cores). Juno provides the maximum capacity of 350Tbps, the largest among any existing cable system between the US and Japan.

Furthermore, JUNO has two separate landing stations in Japan to provide additional security and resilience against a natural disaster in the coastal areas of Japan. JUNO can alter the bandwidth of each branching route to adjust to the situation and flexibly meet each customer’s demand and evolving requirements.

JUNO Summary

Cable name	JUNO
Total Bandwidth	Approximate 350Tbps (Preliminary design)
Total Distance	Approximate 10,000km
Planned Landing site	Japan (Chiba prefecture, Mie prefecture), US (CA)
Planned Ready for Service	End of 2024

■ Figure 1. JUNO Cable route



Seren Juno Network Co., Ltd.

Head Office	2-3-1, Otemachi Chiyoda-ku, Tokyo Japan
Representative	Yoshio Sato, CEO
Major Business Areas	Design, Construction, Sales and Operations of the trans-Pacific submarine cable system, "JUNO".

Shareholders Information

NTT Ltd Japan Corporation

Establishment	2001
Head Office	2-3-1, Otemachi Chiyoda-ku, Tokyo Japan
Representative	Takanobu Maeda, President and Chief Executive Officer
Major Business Areas	Global ICT Services and Solutions. NTT has been at the center of global internet infrastructure development and operations for many years with an instrumental role in several subsea cable projects, including JUPITER , MIST , ASE , APG , PC-1 , APRICOT and now JUNO. The new company, Seren Juno Network Co., Ltd., will begin work on JUNO in July, 2022. JUNO is expected to begin operating at the end of 2024.

URL	https://services.global.ntt/
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PC Landing Corp.

Head Office	319 Diablo Road, Suite 213, Danville, CA 94526 USA
Representative	Takahiro Sumimoto, Chief Executive Officer
Major Business Areas	Sales, operation of trans-Pacific cable "PC-1" and its landing stations located in Japan, United States
URL	https://pc1.com/

Mitsui & Co., Ltd

Establishment	1947
Head Office	2-1, Otemachi 1-chome, Chiyoda-ku, Tokyo 100-8631, Japan
Representative	Kenichi Hori, President and Chief Executive Officer
Major Business Areas	Utilizing our global operating locations, network and information resources, we are multilaterally pursuing business that ranges from product sales, worldwide logistics and financing, through to the development of major international infrastructure and other projects in the following fields: Mineral & Metal Resources, Energy, Infrastructure Projects, Mobility, Chemicals, Iron & Steel Products, Food, Food & Retail Management, Wellness, IT & Communication Business, Corporate Development Business.
URL	https://www.mitsui.com/jp/ja/index.html

JA Mitsui Leasing, Ltd.

Establishment	2008
Head Office	Ginza Mitsui Building, 8-13-1 Ginza, Chuo-ku, Tokyo 104-0061, Japan
Representative	Keito Shimbu, President and Chief Executive Officer
Major Business Areas	As a general leasing company combining the core business foundation of the JA Group and Mitsui Group, with a production, distribution, and sales network, a financial network, and a global business network for agriculture, forestry and fisheries, we are providing solutions that focus on products, business, and finance, leveraging our expertise based on our extensive knowledge and experience in a range of industries and products. We have a track record of investment and financing to information and communication infrastructures, such as cell towers, optical communication network, cloud datacenters etc.
URL	https://www.jamitsuilease.co.jp/en/

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