

**Global consortium, NEC begin construction of \$250M SEA-US Cable System  
20Tb/s capacity to serve bandwidth growth in SE Asia, U.S.**



A global consortium of telecommunications companies, formed to build and operate the South-East Asia - United States (SEA-US) submarine cable system, officially announced the start of construction for the landmark project, the first to directly connect Indonesia and the United States. NEC Corporation and NEC Corporation of America are the system suppliers for the US \$250 million project that is expected to be completed in the fourth quarter of 2016.

The SEA-US system will link the five areas and territories of Manado in Indonesia, Davao in Southern Philippines; Piti in the territory of Guam; as well as Honolulu (on the island of Oahu), Hawaii; and Los Angeles, California in the continental U.S. The system will be approximately 15,000 kilometers in length, stretched along a unique route and has been designed and engineered to bypass earthquake prone areas in East Asia, thereby providing a strategic diversity in the range of connectivity to transpacific networks with ensured stable connectivity.

The cable system will provide an initial 20 terabit per second (Tb/s) capacity, with state-of-the-art 100 Gigabit per second (Gb/s) technology. This capacity will help to meet the exponentially growing demand for bandwidth between Southeast Asia and North America in unparalleled performance, especially for those two ASEAN countries. With further connectivity using existing and planned submarine cable systems in the region, other countries such as Singapore, Malaysia, Brunei, Papua New Guinea, and Australia can enjoy the benefit of the SEA-US

The SEA-US consortium consists of PT. Telekomunikasi Indonesia International (Telin), Globe Telecom, RAM Telecom International (RTI), Hawaiian Telcom, Teleguam Holdings (GTA), GTI Corporation (a member of the Globe Telecom group of companies) and Telkom USA.

Syarif Syarial Ahmad , President Director of Telin stated, “This cable construction is significant as it is one of the biggest milestones for Indonesia’s rapid growth in communications and it demonstrates Telin’s commitment to providing Indonesia consumers with state of the art global infrastructure development. Our objective is now closer with SEA-US given that it is the first cable system with direct connection from Indonesia to USA, where most of the Internet’s content is sourced.”

The frequent use of high bandwidth internet in Indonesia is ranging from business, where video conference is highly utilized in many offices, as well as entertainment, where video and TV streaming have become part of casual activities of Indonesians.

Gil Genio, Globe Telecom Executive Vice President and Chief Operating Officer pointed out that, “The SEA-US project will enable Globe to play a major role in providing superior connectivity for consumers and businesses in the Philippines to connect to the U.S. Our link-up with the SEA-US cable system will serve the exponential growth of mobile Internet use in our country, enabling the Filipino digital lifestyle and wonderful experience for our customers and businesses.”

He added that, “this development will also benefit the outsourcing and offshoring industry, including major contact centers, business process outsourcing providers, global financial institutions and a host of other multinationals that require very large bandwidth as the Philippines has become the preferred destination for these companies.”

Russ Matulich, Chief Executive Officer of RTI stated, “SEA-US will enable RTI to meet the diverse needs of telecommunications carriers, large multinational enterprises, content providers and government entities looking to connect over 1.5 billion business and consumers in the Southeast Asia region. RTI is proud to work with industry leading partners to build what will be the fastest cable connecting Southeast Asia with the United States. SEA-US’s essential Asia-US route diversity, lower latency and onward connectivity options via Hawaii and Guam will enable RTI to offer unmatched services to transpacific connectivity customers.”

“Today’s announcement signals the beginning of a truly vital project that will facilitate economic opportunity and growth for Hawaii’s residents and businesses,” said Eric K. Yeaman, Hawaiian Telcom’s president and CEO. “Hawaii is no different from the rest of the world in its need and desire for more bandwidth and the SEA-US system will ensure our trans-Pacific capacity needs are met both now and well into the future.”

"Robert Haulbook, GTA president and chief executive officer, says, “GTA is excited about this consortium. With this system, collectively, we are well positioned to meet the growing demand for increased bandwidth and strengthening our position to enhance overall network redundancy. Guam plays a vital role, and we look forward to SEA-US meeting capacity needs of all users in our areas.”

“As one of the world’s top vendors of submarine cable systems, NEC is honored to begin construction on this new 100G trans-oceanic submarine cable system that will span nearly 15,000 kilometers,” said Mr. Naoki Yoshida, General Manager of NEC’s Submarine Network Division. “This cable promises to expand connectivity and capacity as well as contribute to the economies of Southeast Asia and the U.S. The construction of this advanced system enables NEC to capitalize on more than 40 years of experience, laying over 200,000 kilometers of submarine cable infrastructure and contributing to worldwide communications. Through this undertaking, NEC will continue to dedicate its strength to the development of telecommunication infrastructure in these regions and other countries across the globe.”

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**About Telin:** PT Telekomunikasi Indonesia International (Telin) is a subsidiary of PT Telekomunikasi Indonesia, Tbk, a state-owned telecommunication and network service provider. Telin focuses in international telecommunication business as well as serves as Telkom’s business arms in managing and developing its business lines abroad. With vision the The World’s Hub for TIMES (Telecommunication, Information, Media, Edutainment and Services), currently Telin owns 10 footprints in Singapore, Hong Kong, Timor Leste with its product called Telkomcel, Australia, Malaysia, Macau, Taiwan, USA, Myanmar, and Kingdom of Saudi Arabia. To add, Telin existence in global telecommunication business is also marked with 19 Point of Presence (PoP) that located in various countries in the world. With the strategy of TelkomGroup compiled with reliable networks and infrastructures, enable Telin to provide high quality services that reaches all parts of the world.

For more information, visit : [www.telin.co.id](http://www.telin.co.id)

**About Globe Telecom:** Globe Telecom, Inc. is a leading full service telecommunications company in the Philippines, serving the needs of consumers and businesses across an entire suite of products and services including mobile, fixed, broadband, data connections, internet and managed services. Its principals are Ayala Corporation and Singtel who are acknowledged industry leaders in the country and in the region. For more information, visit [www.globe.com.ph](http://www.globe.com.ph). Follow us on Twitter: <http://twitter.com/talk2Globe> and Facebook: <http://facebook.com/GlobePH>.

**About GTI Corporation:** GTI Corporation is doing business as GTI Telecom in the State of California. GTI is a wholly owned subsidiary of GTI Business Holdings, Inc., who in turn is a wholly owned subsidiary of Globe Telecom, Inc. GTI was granted a 214 license by the US Federal Communications Commission on February 2010 that authorizes GTI to engage in both wireless resale and facilities-based carrier services in the USA. For more information, visit [www.globemobile.us](http://www.globemobile.us).

**About RTI:** RAM Telecom International, Inc. (RTI) develops global telecom infrastructure and large-scale data connectivity in selected markets. RTI offers neutral services to telecommunications carrier, large

multinational enterprises, content providers and government entities. RTI is headquartered in San Francisco, California.

**About Hawaiian Telcom:** Hawaiian Telcom, headquartered in Honolulu, is Hawai'i's leading provider of integrated communications, data center and entertainment solutions for business and residential customers. With roots in Hawai'i beginning in 1883, the Company offers a full range of services including voice, video, Internet, data solutions, managed services, data center services including colocation and virtual private cloud, and other cloud-based services, and wireless supported by the reach and reliability of its network and Hawai'i's only 24/7 state-of-the-art network operations center. With employees statewide sharing a commitment to innovation and a passion for delivering superior service, Hawaiian Telcom provides an Always On<sup>SM</sup> customer experience. For more information, visit [www.hawaiiantel.com](http://www.hawaiiantel.com).

**About GTA:** GTA provides complete communications services in Guam. These include local and long-distance telephone service, wireless, DSL internet access, advanced digital television, or IPTV, and carrier-class data circuits. The company also operates a data center in Guam for offering business data storage and managed wide-area networking. Based in Tamuning, Guam, GTA is privately owned and locally managed.

**About Telkom USA:** Telekomunikasi Indonesia International (USA), Inc. (Telkom USA) was established on 11<sup>th</sup> December 2013. Located in California and becomes subsidiary with 100% of its shares owned by PT Telekomunikasi Indonesia International (Telin). Telkom USA performs telecommunications products, telecommunications services, Information Technology (IT), Information technology products and information technology services business.

**About NEC Corporation:** NEC Corporation is a leader in the integration of IT and network technologies that benefit businesses and people around the world. By providing a combination of products and solutions that cross utilize the company's experience and global resources, NEC's advanced technologies meet the complex and ever-changing needs of its customers. NEC brings more than 100 years of expertise in technological innovation to empower people, businesses and society. For more information, visit NEC at <http://www.nec.com>.

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