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December 21, 2021

Far North Digital/True North Global Networks Sign MoU with Cinia for Pan-Arctic Fibre Cable

Vancouver, BC - Far North Digital-True North Global Networks and Cinia announced plans to jointly construct a fibre optic cable system linking Europe and Asia through the Arctic. Alcatel Submarine Networks (ASN) will take the lead on project design and installation.

Far North Digital, a North American company focused on telecommunications infrastructure development (www.fn-digital.com) and Finnish networks, cybersecurity and software solutions provider Cinia (www.cinia.fi/en/), have signed a Memorandum of Understanding (MoU) to build a submarine fibre optic cable. The joint network will run from Japan, via the Northwest Passage, to Europe with landings in Alaska and the Canadian Arctic. European landings are planned in Norway, Finland and Ireland.

The 14,000 kilometer fibre optic cable system transits geopolitically stable and seismically safe regions and greatly reduces the optical distance between Asia and Europe, thus minimizing signal latency.

True North Global Networks is working with Indigenous organizations and local governments to develop branch landings in Arctic Canada, providing locally owned networks, a direct connection to the global internet.

"This cable system is more than a way to speed and improve the security of telecommunications between nations, it is a bridge over the digital divide, providing Northern communities with better opportunities for sustainable self-determination through economic development, enhanced educational options, and improved access to healthcare. Furthermore, it will serve as a platform that offers science a new and enhanced ability to conduct research into climate change", says **Guy Houser**, Chief Technical Officer of Far North Digital.

"There is an increasing demand for secure and fast international connectivity with new diverse routes. Spanning three of the world's largest internet adopting continents the Far North Fibre will be a true global venture", says **Ari-Jussi Knaapila** CEO of Cinia.

In Asia the main gateway for cable system is Japan.

"The Arctic connection between Japan and northern Europe has long been a shared passion of Japan and Cinia, as the diversity of international connections is vital to the island country. This connection provides excellent support for the Japanese government's digitalization development program," says **Jun Murai**, Professor at Keio University and Special Adviser to the Japanese Cabinet.

The target for in-service cable is by the end of the year 2025. Industry leader ASN (web.asn.com/en/) has been chosen as the lead EPC (engineering, procurement, construction) partner for the project.

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Far North Digital, LLC, an Alaskan company, joined True North Global Networks, a Canadian company, to develop the Far North Fibre submarine cable project. The principals of Far North/True North have significant experience in telecommunications, including the planning, financing, design and construction of subsea cable infrastructure and the management and operation of telecom companies in Alaska and Canada. More information at: www.fn-digital.com

Cinia provides secure high-availability data network and software solutions. Our operations are based on our solid expertise in modern software development, data network technologies and critical operating environments. Our fibre optic network of roughly 15,000 kilometres, including the C-Lion1 submarine cable, enables the fastest data communications solutions to Central Europe and to markets in Asia and Eastern Europe. By combining our services with services of our partners, we can provide reliable and comprehensive solutions that help our customers write their own digital success stories. More information at: www.cinia.fi/en

Alcatel Submarine Networks (ASN), part of Nokia, leads the industry in terms of transmission capacity and installed base with more than 650,000 km of optical submarine systems deployed worldwide, enough to circumnavigate the globe 15 times. From traditional telecom applications to content and “over the top” service provider infrastructures, ASN provides all elements of turnkey global undersea transmission systems, tailored to individual customer’s needs. An extensive services portfolio completes its comprehensive offering for the submarine business, including project management, installation and commissioning, along with marine and maintenance operations performed by ASN’s wholly owned fleet of cable ships. More information at: web.asn.com/en/