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The Global Information Newsletter for the Whole Submarine Cable Industry

EDITORIAL



Eckhard Bruckschen

Welcome to the November issue of SubCableNews.

Another long distance submarine fibre optic cable will be build: IMEWE India - Middle East - Western Europe. We just see a recovery of the Trans-Atlantic routes, over-built in 2000/1. SEA-ME-WE 4 & FALCON and the recent upgrades of SEA-ME-WE 3 have provided this route a large amount of extra capacity. Are we over-building here again?

In one of our special reports we are presenting the Case Study: Estlink: Helping develop the Nordic and Baltic energy markets (by Global Marine Systems Ltd.)

Furthermore, we have a quick look at the Submarine Networks World 2006 conference, the world's most established global telecoms infrastructure conference.

And of course we are presenting another cable ship of the world, the CS "Tyco Decisive" from Tyco Telecommunications.

In this issue you will find the latest project updates and company news from the submarine cable community.

Enjoy reading our Newsletter.

The Editor

Eckhard Bruckschen

tyco / Telecommunications



CS "Tyco Decisive"

Picture: Tyco Telecommunications (US) Inc.

**Submit your industry photo
(Installations, cables, office, people etc.)
And be published (free of charge)
With your company logo
On the first page of
SubCableNews**

NEW WORLD NETWORK

New World Network enters major phase of its \$ 21M in ARCOS Undersea Network Improvement Projects

New World Network said it expects to complete by April 2007 a series of multi-million dollar network improvement projects that are intended to prevent the types of outages that disrupted Internet access for about four hours beginning of October in Colombia. New World Network, the principal owner of the Americas Region Caribbean Optical-ring System, said the undersea fibre optic network improvement projects, announced and initiated last year, are advancing as planned. Network improvements have been performed in the east side of the ring and in the next three months we will complete the west side. The final remaining work will conclude at the beginning of 2007. The company is taking added precautions to minimize future service disruptions until all improvement work is completed. To assist with the implementation of its improvement plan the Company has engaged the services of various industry leading specialists in undersea networks including Tyco Telecommunications, which operates a fleet of highly specialized ships that perform undersea installation, repairs and improvements. Michael Rieger, Vice President of Tyco Telecommunications states "Tyco Telecommunications is very pleased to have been selected by New World Network, and its Parent Company Columbus Communications, to provide our services on a key portion of the ARCOS network improvement plan." This plan includes the replacement and burial of sections of existing ARCOS sub-sea cable in various segments of the network with new, double

armour high strength cable. Mr. Rieger adds, "Based on our engineering analysis of the work we have been tasked to perform, we expect that these improvements will substantially improve the reliability of ARCOS". New World Network's network improvement initiative also received full support from other ARCOS co-owners. The major network improvement project, with a cost of \$21 million dollars, began last year after Barbados-based Columbus Communications acquired New World Network. Columbus Communications is investing heavily to improve the ARCOS network reliability for New World Network's customers and those of its own affiliate companies also operating in the region. Beginning of October, a faulty fibre in the undersea fibre link between Riohacha, Colombia and Punto Fijo, Venezuela temporarily disrupted Internet access in the ARCOS network affecting Colombian businesses and consumers served by telecommunications companies and Internet service providers in the country. Service was restored when New World Network's emergency crews isolated the problem and switched traffic to another fibre optic line in the existing network. "New World Network deeply regrets the inconvenience this service outage caused our carrier customers and their customers in Colombia," said Peter Collins, Executive Vice president and Chief Technical Officer for New World Network. "The outage in our network was caused because there was another fault in a different segment of the ring," Collins said. "Data communications traffic could not be rerouted around the ring, we lost service for our customers, and a thorough investigation is underway to determine the cause of this fibre fault." Both of the affected areas remain scheduled for network improvement as part of the overall plan". ARCOS is designed as a ring protected network this means that when there is a fibre

optic ringed-network, data traffic is automatically rerouted in the other direction around the ring to maintain continuity of service. Re-routing is imperceptible to customers. Upon the completion of its network improvement plan between now and the end of this year, we will eliminate practically all of known vulnerabilities and improve network reliability. Below is a recent photograph of the specialized equipment presently being mobilized for network improvement work off the coast of Central America in the western part of the ring? "Since we started our massive network improvement projects last year, we have been extra careful to avoid service disruptions for our customers," Collins said. "We will be even more diligent as we move down the final stretch and complete our work for the benefit of customers and users throughout the Pan Caribbean region."



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TYCO TELECOMMUNICATIONS (US) INC.

Tyco Telecommunications (US) Inc. to charter CS "Teneo" to OHM PLC for Offshore Hydrocarbon Exploration Work

On the 14th of November 2006 Tyco Telecommunications, a business unit of Tyco Electronics and an industry pioneer in undersea communications technology and marine services, announced that it has chartered the CS "Teneo" to UK-based Offshore Hydrocarbon Mapping plc (OHM) for a period of five months, with extension options. The CS "Teneo" will function as the support platform for a number of CSEM surveys being conducted by OHM in North West Europe, West Africa and the Falkland Islands. "The oil and gas industry relies on CSEM surveying, a remote sensing tool, to map subsurface geology for hydrocarbon detection, and the CS "Teneo" is perfectly equipped for our needs," stated Jon Nicholls, operations manager of OHM. "Tyco Telecommunications' vessels are ideally suited for the deployment of our equipment and the crews are highly experienced in the type of recovery operations we require." The Spanish registered CS "Teneo", a highly versatile 80-meter vessel, forms part of a fleet of specialized vessels and sub-sea equipment owned and operated by Tyco Telecommunications which also includes six 140m Reliance Class vessels. "The CS "Teneo" has a long track record of effective and economic operations over a range of offshore projects. She is well suited to shelf operations and has been working in the Mediterranean, Caribbean and North European regions for the past year," stated Mark Wickham, director for global sales, marine services, Tyco Telecommunications. "This charter further demonstrates Tyco Telecommunications' successes expanding its capabilities into the offshore hydrocarbons market, and follows the recent charter of the 140m Tyco Decisive for pipeline trenching work in the Gulf of Mexico."

About Tyco Telecommunications

Tyco Telecommunications, a business unit of Tyco Electronics and an industry pioneer in

undersea communications technology and marine services, is a leading global supplier for today's undersea communications requirements. Drawing on its heritage of technical innovation and industry recognized performance, the company delivers the most reliable, high-quality solutions to organizations with undersea communications needs vital to their core mission. In more than five decades of operation, Tyco Telecommunications has designed, manufactured, and installed more than 80 undersea fibre optic systems around the world. Tyco Telecommunication's global presence, backed by industry leading research and development laboratories, manufacturing facilities, installation and maintenance ships, depots, and management team work together to implement integrated solutions and network upgrades, with unsurpassed reliability, that support the needs of telecommunications, Internet providers, offshore and science customers worldwide. For more information visit www.tycotelecom.com

About Offshore Hydrocarbon Mapping plc

OHM's survey method transmits an electromagnetic field into the earth, which is modified by the presence of subsurface resistive layers. These changes in the field are measured and the resulting data is processed to provide information on the resistive structure of the subsurface. Because hydrocarbon accumulations are generally very resistive, this method can indicate the presence of oil and gas in water depths of as little as 50 metres in certain circumstances and can detect and map the edges of such accumulations. This reduces the risk of drilling non-commercial exploration wells and can reduce the need for appraisal drilling, thereby creating considerable value for oil explorers.

UNITERRE RESOURCES LTD.

Company changed its corporate name

Michael C. Burns, Chairman and President of Uniterre Resources Ltd., has announced that the company has changed its corporate name. The new name, effective immediately, is NaiKun Wind Energy Group Inc. On the TSX Venture Exchange, NaiKun will trade under the symbol NKW (previously UNT). Mr. Burns noted that the new name more accurately represents the Vancouver-based company's primary business, which is a development of the NaiKun Wind Farm in the waters of Hecate Strait between Haida G'waii (the Queen Charlotte Islands) and Prince Rupert. The company's development efforts have accelerated following a recently completed private placement. When all five phases are built, the NaiKun Wind Farm will be one of the largest offshore wind farms in the world. Concurrent with the change in name, NaiKun Wind Energy Group Inc. announced four new appointments. Current chairman Michael C. Burns assumes the position of President of NaiKun Wind Energy Group Inc. Michael H. Altman, former president of Uniterre Resources, becomes Senior Vice President, General Counsel and Secretary. Kenneth F. McCready, a board member of EnCana Corp. and president of sustainable energy development consulting company K.F. McCready & Associates Ltd., joins the board of NaiKun Wind Energy Group Inc. Current NaiKun Wind Development Inc. president Ray Castelli also joins the NaiKun Wind Energy Group Inc. board.

