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PRESS RELEASE

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Tata Communications upgrades New York to Europe information superhighway cable system using Ciena's 40G coherent optical technology

40 gigabits per second enabled services launched on TGN-Atlantic subsea cable allows carriers to offer 4 x faster connectivity and lower costs

New York (NYSE) & Mumbai (BSE) - 16 November 2011 – Tata Communications, a global communications service provider that owns and operates the world's largest subsea cable network, today announces the launch of 40 gigabits per second enabled services on its TGN-Atlantic subsea cable system from New York to London.

In partnership with Ciena (NASDAQ: CIEN), the deployment of 40G coherent optical technology on the TGN-Atlantic cable is the first on Tata Communications' global submarine network. The upgrade will deliver bandwidth and flexibility to carriers and enterprises around the world with four times the capacity of traditional 10G wavelengths.

This landmark implementation will pave the way for further upgrades across Tata Communications' global network, which consists of over 200,000 kilometres of terrestrial network fibre and over 500,000 kilometres of subsea cable. Its network carries 17% of the world's internet traffic and 2,400 petabits of IP traffic per month.

TeleGeography expects the demand for trans-Atlantic capacity to increase nearly 9-fold between 2010 and 2017.

Alan Mauldin, Research Director at TeleGeography says, "The compounding effect of demand growth requires carriers to make considerable investments to expand network capacity. Tata Communications' implementation of 40G technology on the company's trans-Atlantic system will play a key role in meeting customers' capacity requirements in a cost-effective manner."

Based on Ciena's [6500 Packet-Optical Platform](#) with 40G /100G coherent technology, the high-capacity TGN-Atlantic optical network now better supports carriers and large enterprises' growing bandwidth requirements for national and international high-speed connectivity with a flexible, cost-effective and scalable infrastructure. The network is fully compliant with International Telecommunication Union (ITU) standards.

John Hayduk, President, Product Management and Service Development, Tata Communications, says, "The deployment of 40G technology on our TGN-Atlantic cable system is a hugely significant step for us in cementing our leadership in global network infrastructure. It will ensure our network is future proof and will bring maximum long-haul transmission bandwidth, lower latencies, higher uptimes and seamless scalability to carriers and enterprises, while ensuring a low cost of ownership for our customers."

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Philippe Morin, Senior Vice President Global Field Organisation, Ciena added, "As the seven billion people across our planet become more interconnected, we are seeing rapid growth in subsea communications. Leading operators like Tata Communications are increasingly relying on Ciena's 6500 packet-optical platform to expand their network capacity without the large expense and delay of deploying new subsea fibre optic cables. We're pleased to help Tata Communications make international communications richer and easier."

Ciena's [WaveLogic](#) coherent receiver technology enables unobtrusive 40G / 100G upgrades to existing submarine networks with only the addition of new terminal equipment, significantly extending the life of existing cable plants and further lengthening its lifespan, while simultaneously lowering ongoing network operating costs.

The first phase of the deployment will bring the 40G capability to the New York - London route. In the second phase, this will be extended to Ashburn, Virginia and the rest of Europe.

Tata Communications' global connectivity services are built on the world's largest and most advanced global submarine cable network available today, enabling carriers and enterprises to connect across the globe. The cable network boasts significant depth in key emerging markets including China, India and South Africa. Ciena is a pioneer in coherent optical technology with more than 9,000 coherent 40G / 100G line interfaces which have shipped to close to 100 customers across the globe. It has deployed more than 8 million 40G and 100G coherent kilometres to date.

Ends...

About Tata Communications

Tata Communications is a leading global provider of a new world of communications. With a leadership position in emerging markets, Tata Communications leverages its advanced solutions capabilities and domain expertise across its global and pan-India network to deliver managed solutions to multi-national enterprises, service providers and Indian consumers.

The Tata Global Network includes one of the most advanced and largest submarine cable networks, a Tier-1 IP network, with connectivity to more than 200 countries across 400 PoPs, and nearly 1 million square feet of data center and collocation space worldwide.

Tata Communications' depth and breadth of reach in emerging markets includes leadership in Indian enterprise data services, leadership in global international voice, and strategic investments in South Africa (Neotel), Sri Lanka (Tata Communications Lanka Limited) and Nepal (United Telecom Limited).

Tata Communications Limited is listed on the Bombay Stock Exchange and the National Stock Exchange of India and its ADRs are listed on the New York Stock Exchange (NYSE: TCL).

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Forward-looking and cautionary statements

Certain words and statements in this release concerning Tata Communications and its prospects, and other statements, including those relating to Tata Communications' expected financial position, business strategy, the future development of Tata Communications' operations, and the general economy in India, are forward-looking statements. Such statements involve known and unknown risks, uncertainties and other factors, including financial, regulatory and environmental, as well as those relating to industry growth and trend projections, which may cause actual results, performance or achievements of Tata Communications, or industry results, to differ materially from those expressed or implied by such forward-looking statements. The important factors that could cause actual results, performance or achievements to differ materially from such

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forward-looking statements include, among others, failure to increase the volume of traffic on Tata Communications' network; failure to develop new products and services that meet customer demands and generate acceptable margins; failure to successfully complete commercial testing of new technology and information systems to support new products and services, including voice transmission services; failure to stabilize or reduce the rate of price compression on certain of the company's communications services; failure to integrate strategic acquisitions and changes in government policies or regulations of India and, in particular, changes relating to the administration of Tata Communications' industry; and, in general, the economic, business and credit conditions in India. Additional factors that could cause actual results, performance or achievements to differ materially from such forward-looking statements, many of which are not in Tata Communications' control, include, but are not limited to, those risk factors discussed in Tata Communications' various filings with the United States Securities and Exchange Commission. These filings are available at www.sec.gov. Tata Communications is under no obligation to, and expressly disclaims any obligation to, update or alter its forward-looking statements.

About Ciena

Ciena is the network specialist. We collaborate with customers worldwide to unlock the strategic potential of their networks and fundamentally change the way they perform and compete. With focused innovation, Ciena brings together the reliability and capacity of optical networking with the flexibility and economics of Ethernet, unified by a software suite that delivers the industry's leading network automation. We routinely post recent news, financial results and other important announcements and information about Ciena on our website. For more information, visit www.ciena.com.

Note to Ciena Investors

Forward-looking statements. This press release contains certain forward-looking statements based on current expectations, forecasts and assumptions that involve risks and uncertainties. These statements are based on information available to the Company as of the date hereof; and Ciena's actual results could differ materially from those stated or implied, due to risks and uncertainties associated with its business, which include the risk factors disclosed in its Report on Form 10-K, which Ciena filed with the Securities and Exchange Commission on September 8, 2011. Forward-looking statements include statements regarding Ciena's expectations, beliefs, intentions or strategies regarding the future and can be identified by forward-looking words such as "anticipate," "believe," "could," "estimate," "expect," "intend," "may," "should," "will," and "would" or similar words. Ciena assumes no obligation to update the information included in this press release, whether as a result of new information, future events or otherwise.

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