



media information

9 June 2005

INDIA'S BSNL EVALUATING CAMBRIDGE BROADBAND'S FIXED WIRELESS EQUIPMENT IN 3G AND WIMAX BACKHAUL APPLICATION

Cambridge, UK, 9 June 2005: Bharat Sanchar Nigam Limited (BSNL) in India is deploying Cambridge Broadband's VectaStar equipment on a trial basis. A multi-frequency, multi-sector, VectaStar base station with a variety of CPEs is being installed in the fast-growing region of Gurgaon, approximately 25km southwest of Delhi. In this commercial trial, VectaStar is being used for both access and transmission, with the network combining IP-based access services with the backhaul of traffic from GSM, 3G, WiFi and WiMAX base stations.

BSNL is using a variety of technologies in order to provide a comprehensive portfolio of telecommunications services throughout India. The company plans to roll out 75 million new phone lines over the next three years, the majority of which will be cellular. BSNL also aims to attain 1.2 million broadband customers in the next year alone.

Cambridge Broadband's technology is useful for three key reasons: its ability to simultaneously support multiple frequency bands (3.5GHz, 10.5GHz and 26GHz), its support for multiple services, and its ultra-high capacity with speed upwards of 1.2Gbps.

Senior Executives at BSNL feel that VectaStar's multi-frequency support has potential to maximise the use of the available spectrum and provide a high total bandwidth, in the region of several gigabits. This system will be useful for deployment of both WiMAX and 3G networks in particular, which need a high capacity backhaul network owing to their dense population of base stations, with only a small proportion of these base stations

accessible by fibre. VectaStar's support for multiple services over a single platform can provide access connectivity with high QOS.

Peter Wharton, Chief Executive at Cambridge Broadband, comments: "We are delighted that India's leading telecoms operator has chosen our VectaStar equipment for evaluation in such a challenging environment: not only combining applications and frequency bands, but also dealing with a non-line-of-sight environment. India is a rapidly expanding market, with ever-increasing teledensity and broadband uptake, and we look forward to becoming part of the BSNL family of technology partners to help BSNL achieve its aggressive deployment targets."

Equipment trial deployments are commencing immediately.

— Ends

notes

1. For more information about any of the issues in this press release, please contact Nicky Dibben, Invention Marketing Limited, e-mail nicky@invention-marketing.co.uk, phone +44 (0) 1223 235399.
2. A PDF version of this press release is available, please contact Nicky Dibben (as above).
3. Cambridge Broadband will be exhibiting at Communicasia 2005 in Singapore from 14 to 17 June 2005, in Hall 3, Booth #3E2-01. If you would like to arrange a meeting with Cambridge Broadband please contact Nicky Dibben (as above).

About BSNL www.bsnl.co.in

On October 1, 2000 the Department of Telecom Operations, Government of India became a corporation and was christened Bharat Sanchar Nigam Limited (BSNL). Today, BSNL is the No. 1 Telecommunications Company and the largest Public Sector Undertaking of India with authorized share capital of \$ 3977 million and net worth of \$ 14.32 billion. It has a network of over 45 million lines covering 5000 towns with over 35 million telephone connections.

About Cambridge Broadband www.cambridgebroadband.com

An active member of the WiMAX Forum™, Cambridge Broadband has pioneered the development of carrier-class, point-to-multipoint broadband wireless access equipment. The company is focused on delivering high quality multi-service networks to network operators with the best price-performance in the licensed bands worldwide. Cambridge Broadband was formed in January 2000 by an experienced team with a strong record of successful innovation in broadband wireless design.

About VectaStar

Cambridge Broadband's VectaStar is a highly flexible carrier-class broadband wireless platform for telecommunications and mobile operators. With its capacity, range, service mix, and spectral efficiency, VectaStar is a superior solution whether used for backhaul, access, or both. Technically and commercially proven in many deployments worldwide, VectaStar provides the perfect competitive advantage.