

**Bandwidth Upgradation for MPLS Leased Circuits
(64 Kbps Bronze Scheme to 64 Kbps Gold Scheme)**

In terms of the provisions of the Rules, Byelaws and Business Rules of the Exchange and in partial modification to Exchange circular no. MCX/107/2004 dated October 1, 2004, circular no. MCX/130/2004 dated October 30, 2004 and MCX/TECH/217/2007 dated June 13, 2007, it is hereby notified as under:

At present MCX is providing a Nation-Wide Leased Line network to the members using Multi Protocol Label Switching (MPLS) based VPN solution from BSNL. MPLS VPN solution which is provided to MCX members since October 2004 is 64 Kbps Bronze scheme which offers 16 Kbps committed bandwidth and burstable bandwidth up to 32 Kbps.

As the bandwidth requirement for trading has been substantially increased, MCX has decided to increase the bandwidth availability by upgrading the existing 64 Kbps Bronze scheme to 64 Kbps Gold scheme. Gold scheme offers 1:1 bandwidth i.e. 64 Kbps MPLS leased circuit will have 64 Kbps committed bandwidth.

Members are hereby informed that their existing MPLS leased circuits will be upgraded from 64 Kbps Bronze scheme to 64 Kbps Gold scheme from 1st January 2008. Annual charges for the upgraded 64 Kbps MPLS Gold scheme is mentioned below. The charges are effective from 1st January 2008.

ANNUAL CHARGES FOR 64 Kbps MPLS GOLD SCHEME - Existing Connections			
MPLS Bandwidth	Charges Rs.	Service tax + Educational Cess	TOTAL Rs.
64 Kbps	52, 154	12.36%	58, 600/-

Members applying for new 64 Kbps MPLS circuits, with effect from January 1, 2008 has to apply for 64 Kbps Gold scheme. Tariff plan issued by BSNL for new 64 Kbps Gold MPLS leased circuit basing on which charges are decided is given below.

Charges for MPLS 64 Kbps GOLD SCHEME- New connections.				
MPLS Bandwidth	Charges Rs.	One time Installation/ Test Charges	Service tax + Educational Cess	Total Rs.
64 Kbps (BSNL Circle)	52, 154	1, 000	12.36%	59, 724 /-
64 Kbps (MTNL Circle)	52, 154	4, 000	12.36%	63, 095 /-

Note: -

- Local Lead (LL) and Media Charges (MC) (for existing and new connections) are extra as per actuals, for locations where BSNL MPLS Point of presence (POP) is not present. List of present BSNL MPLS POP's are attached as per Annexure – I. Applicable LL and MC will be included in the Annual charges.

- Locations where MLLN is available, BSNL will provide modems. Locations where MLLN is not available, member has to provide modems.
- If modems are provided by the Member, BSNL will adjust the credit of Rs. 3500/- in the final bill.
- The amount of tax will vary depending upon applicable tax provisions.

Members may please note that 64 Kbps Gold scheme is available to members located in Mumbai and Navi Mumbai also .

Application procedure for MPLS leased circuit detailed in circular no. MCX/107/2004 dated October 1, 2004 remains unchanged.

P. P. Kaladharan
Chief Technology Officer

Encl: As above

Kindly Contact Mr. Prabhakar More /Mr. Nitin Ahirwar on 022 – 6649 4040 or send an email at customersupport@mcxindia.com for any clarification.

-----Corporate office -----
Multi Commodity Exchange of India Limited
102 A, Landmark, Suren Road, Chakala, Andheri (East), Mumbai – 400 093
Tel.: 022 – 6649 4000 Fax: 022 – 6649 4151
www.mcxindia.com email: customersupport@mcxindia.com

List of Cities where BSNL MPLS POP's are available presently

Sr. No.	Name of Circle	Station
1.	Kolkatta District	Kolkatta
2.	NTR	Delhi
3.	Chennai District	Chennai
4.	WTR	Mumbai (3 places)
5.	Assam	Guwahati(Kamrup), Silchar, Jorhat, Debrugarh, Tejpur, Bongaigaon, Nagaon
6.	A&N	Port Blair
7.	AP	Hyderabad, Vishakapatnam, Vijaywada, Guntur, Tirupati, Anaparthi, Warangal, Nallor, Rajamundry, Karimnagar, Khammam, Nizamabad, Sangareddy, Eluru, Kakinada, Tanuku, Bhimavaram, Patancheru, Kothagudem, Ramagundam, Adilabad, Chittoor, Cuddapah, East Godavari, Krishna, Mehabubnagar, Medak, Nalgonda, Prakasam, Srikakulam, Vazainagaram, West Godavari.
8.	Bihar	Patna, Bhagalpur, Begusurai, Gaya, Hazipur, Darbhanga, Samastipur, Sasaram, Katihar, Muzaffarpur
9.	Chattisgarh	Rajpur, Durg, Bilaspur, Raigarh, Jagdalpur
10.	Gujarat	Ahmedabad, Surat, Gandhinagar, Vadodra, Rajkot, Valsad, Mehsana, Patan, Kalol, Bharuch, Ankleshwar, Jambusar, Jamnagar, Amreli, Bhavnagar, Bhuj, Surendranagar, Nadiad
12.	Haryana	Ambala, Faridabad, Karnal, Hissar, Rewari, Rohtak
13.	HP	Shimla, Solan, Dharamshala, Mandi, Sonapat, Jind
14.	J&K	Jammu, Srinagar, Udhampur, Rajouri, Leh
15.	Jharkhand	Ranchi, Jamshedpur, Dhanbad
16.	Karnataka	Bangalore, Mangalore, Belgaum, Hubli, Mysore, Gulbarga, Davangere, Bidar, Bijapur, Bellary, Hassan, Mandeya, Raichur, Shimoga, Tumkur, Kolar, Madikeri, Karwar
17.	Kerala	Thiruvananthapuram, Ernakulam, Kozhikode, Kottayam, Alappuzha, Trissur, Palakkad, Kannur, Kollam, Pathanamthitta, Mallappuram
18.	Kolkata Telephone	Kolkata
19.	Maharashtra	Goa, Pune, Nagpur, Nasik, Raigarh, Kolhapur, Kalyan, Solapur, Aurangabad, Ahmednagar, Akola, Amravati, Beed, Bhandara, Chandrapur, Dhule, Jalgaon, Jalna, Latur, Nanded, Osmanabad, Parbhani, Ratnagiri, Sangli, Satara, Sindhudurg, Wardha, Yeotmal.
20.	MP	Bhopal, Indore, Jabalpur, Gwalior, Chattarpur, Dewas, Dhar, Guna, Hoshangabad, Mandsaur, Ratlam, Rewa, Sagar, Satna, Shahdol, Sidhi, Ujjain, Balaghat, Betul, Chindwara, Damoh, Khandwa, Khargaon, Mandla, Morena, Narsinghpur, Raisen, Seoni, Shajapur, Shivpuri, Vidisha.
21.	Orissa	Bhubaneswar, Cuttack, Rourkela, Sambhalpur, Behrampur, Puri, Koraput, Nalco Nagar, Dehankal, Balasore, Baripada, Bolangir, Keonjhar, Bhawanipatna
22.	Punjab	Chandigarh, Amritsar, Jullandhar, Ludhiana, Bhatinda, Ferozpur, Hoshiarpur, Pathankot, Patiala, Sangrur, Ropar
23.	Rajasthan	Jaipur, Ajmer, Alwar, Jodhpur, Kota, Udaipur, Bikaner, Shri Ganganagar, Bhilwara, Jaisalmer, Jhunjhunu, Sawai Madhopur,

		Siker, Sirohi, Banaswara, Baemer, Bharatpur, Bundi, Chittorgargh, Churu, Jhalwar, Nagaur, Pali, Tonk
24.	Tamilnadu	Coimbatore, Madurai, Pondicherry, Trichy, Salem, Tirupur, Vellore, Cuddalore, Erode, Nagarcoil, Thanjavur, Karur, Tuticorin, Thirunelveli, Sivakasi, Virudhunagar, Dharmapuri, Karaikudi, Kumbakonam, Coonoor.
25.	UP(E)	Lucknow, Allahabad, Gorakhpur, Kanpur, Varanasi, Jhansi, Mirzapur, Faizabad, Mau, Barabanki, Sitapur, Azamgargh, Banda, Farukhabad, Orai, Sultanpur.
26.	UP(W)	Agra, Meerut, Aligarh, Mathura, Bareilly, Ghaziabad, Muzaffarnagar, Muradabad, Ettah, Budaun, Pilibhit, Bulandsahar, Saharanpur, Bijnore, Rampur
27.	Uttranchal	Dehradun, Haridwar, Nainital
28.	West Bengal	Asansol, Kharagpur, Siliguri, Bankura, Behrampur, Jalpaiguri, Krishnagar, Suri