

Amendment of Code of Practice for Competition in the Provision of Telecommunication Services

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Enacting Formula

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No. S 439

TELECOMMUNICATIONS ACT (CHAPTER 323)

AMENDMENT OF CODE OF PRACTICE FOR COMPETITION IN THE PROVISION OF TELECOMMUNICATION SERVICES

In exercise of the powers conferred by section 26(1) of the Telecommunications Act, the Info-communications Development Authority of Singapore hereby amends the Code of Practice for Competition in the Provision of Telecommunication Services, with effect from 20th July 2004, in the manner set out in paragraph 2.

2. Appendix Two to the Code of Practice for Competition in the Provision of Telecommunication Services (G.N. No. S 412/2000) is amended by inserting, immediately after paragraph 6, the following paragraph:

“

7. WHOLESALE SERVICES

7.1 Pursuant to subsection 5.3.5.7 of this Code, a Dominant Licensee must offer the following wholesale services to Facilities-based Requesting Licensees on a “retail-minus” price basis:

- Local leased circuits

7.2 Local Leased Circuits

7.2.1 A Dominant Licensee must offer the following local leased circuits to Facilities-based Requesting Licensees for such period as specified

in sub-paragraph 7.2.2 below, commencing from a date that IDA will specify by separate notice in the *Gazette* (“Commencement Date”):

- (a) full local leased circuits (for multipoint-to-point connection);
- (b) full local leased circuits (for point-to-point connection); and
- (c) tail local leased circuits.

7.2.2

The specified periods are:

- (a) in relation to a full local leased circuit (for multipoint-to-point connection) terminating at multiple End Users’ sites which are all located within the Central Business District (“CBD”) proxy-region, 18 months from the Commencement Date;
- (b) in relation to a full local leased circuit (for point-to-point connection) terminating at an End User’s site located within the CBD proxy-region, 18 months from the Commencement Date;
- (c) in relation to a tail local leased circuit terminating at an End User’s site located within the CBD proxy-region, 18 months from the Commencement Date; and
- (d) for all other local leased circuits, 24 months from the Commencement Date.

In this sub-paragraph, “CBD proxy-region” means the area within the CBD containing the locations where the Dominant Licensee, as at 20th July 2004, offers retail local leased circuits pursuant to its retail tariff for local leased circuits in the CBD area, as approved by IDA. The Dominant Licensee must specify in the RIO clear and sufficient information, including the boundaries of the CBD proxy-region, to enable Facilities-based Requesting Licensees to ascertain the CBD proxy-region.

7.2.3

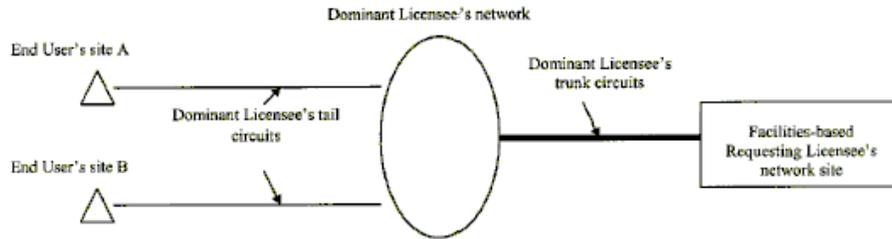
For the avoidance of doubt, a Dominant Licensee is only required to provide local leased circuits under sub-paragraph 7.2 for the purpose of enabling a Facilities-based Requesting Licensee to establish a connection between the Facilities-based Requesting Licensee’s network sites (which may include point-of-presence, data hubs and exchanges) and End Users’ sites. The Dominant Licensee must not prevent the Facilities-based Requesting Licensee from reselling the local leased circuits to other Licensees for the purpose of enabling

the Licensees to connect to End Users' sites.

7.2.4 Full Local Leased Circuits (for multipoint-to-point connection)

7.2.4.1 A full local leased circuit (for multipoint-to-point connection) allows a Facilities-based Requesting Licensee to collect traffic from multiple End Users' sites using several circuits of lower bandwidths obtained from the Dominant Licensee ("tail circuits") and to aggregate that traffic using circuits of higher bandwidth obtained from the Dominant Licensee ("trunk circuits") to connect to the Facilities-based Requesting Licensee's network site (please see illustration in Diagram 1A below).

Diagram 1A — illustration of full local leased circuit (for multipoint-to-point connection)



7.2.4.2 A Dominant Licensee must offer to provide full local leased circuits (for multipoint-to-point connection) at the following bandwidths:

- (a) in relation to tail circuits:
 - (i) 64Kbps;
 - (ii) 128Kbps;
 - (iii) 192Kbps;
 - (iv) 256Kbps;
 - (v) 384Kbps;
 - (vi) 512Kbps;
 - (vii) 768Kbps;
 - (viii) 1024Kbps;
 - (ix) 1536Kbps; and
 - (x) 1984Kbps;