

ANNEX 6 TO IDA'S DIRECTION DATED 4 OCTOBER 2004

PARAGRAPH 7 OF SCHEDULE 9 – MODIFICATION REQUIRED

7. SCHEDULE 7 – WHOLESALE SERVICES

NEW CLAUSE 7A – DELETION REQUIRED

~~7A — SYSTEM SET UP CHARGE~~

~~The Requesting Licensee shall be liable to pay and shall pay SingTel a one-time System Set Up Charge of the amount of [S\$ — to be determined] on the first occasion that a Requesting Licensee accepts Schedule 7A and/or Schedule 7B.~~

Please refer to IDA annotations to clause 1.4 of the Main Body of the RIO. As a consequential amendment, IDA directs SingTel to delete this clause in its entirety.

SCHEDULE 7A – WHOLESALE LOCAL LEASED CIRCUITS (FULL CIRCUITS) SERVICE

7.1 General

7.1.1 The Requesting Licensee shall be liable to pay and shall pay SingTel the relevant Charges for the Wholesale Local Leased Circuits (Full Circuits) Service as provided in Schedule 7A for point-to-point (**PTP**) circuits and/or point-to-multipoint (**PTMP**) circuits.

7.1.2 Application Charge

The Requesting Licensee shall pay to SingTel the Application Charge for processing each Wholesale Local Leased Circuits (Full Circuits) Service Activation Request. The Application Charge shall consist of a Per Order Charge for processing the request and a Per Circuit Charge for the circuit requested. The Application Charge shall be waived if the Service requested in the application (after having received SingTel's in-principle approval) is provisioned. However, the Application Charge shall be applied if the Wholesale Local Leased Circuits (Full Circuit) Service Activation Request is not approved by SingTel or prematurely cancelled or terminated by the Requesting Licensee. Where a single Wholesale Local Leased Circuits (Full Circuits) Service Activation Request is submitted in respect of multiple circuits, all with the same A-end and the same B-end, the Requesting Licensee shall

pay a Per Order Charge for processing the request and Per Circuit Charge for each of the circuits requested.

7.1.3 Installation Charge

The Requesting Licensee shall pay to SingTel a one-time Installation Charge for provisioning each Wholesale Local Leased Circuits (Full Circuits) Service Activation Request.

For express provisioning, the Requesting Licensee shall pay to SingTel an amount equivalent to twice the one-time Installation Charge for provisioning each Wholesale Local Leased Circuits (Full Circuits) Service Activation Request.

7.1.4 Full Local Leased Circuit (Point-to-Point)

The Requesting Licensee shall pay to SingTel the recurring license Charge for each Full Local Leased Circuit (Point-to-Point) circuit provisioned.

7.1.5 Full Local Leased Circuit (Point-to-Multipoint)

The Requesting Licensee shall pay to SingTel the recurring license Charge for each Full Local Leased Circuit (Point-to-Multipoint) circuit provisioned.

PROPOSED NEW CLAUSE 7.1.6 – DELETION REQUIRED

7.1.6 ~~Deactivation Charge~~

~~SingTel may charge, and the Requesting Licensee shall be liable to pay, a Deactivation Charge for each FLLC Service Deactivation Request. The Requesting Licensee's liability for the Deactivation Charge will only take effect after the expiry of the FLLC Central Term or the FLLC Non-Central Term (whichever occurs first).~~

IDA rejects SingTel's proposal to incorporate the above new clause to provide for the recovery of charges for deactivation. SingTel has not provided any satisfactory justification for its imposition of a deactivation charge for its wholesale provisioning of LLCs when no such similar charge is imposed in SingTel's retail LLC offering.

7.1.7 Relocation Charge

The Requesting Licensee shall pay to SingTel a one-time Relocation Charge as follows:

For internal relocation (any relocation within the same building), the Internal Relocation Charge would be applicable.

For external relocation (any relocation out of the building), the External Relocation Charge would be applicable.

DESCRIPTION	CHARGES (S\$)	CHARGES (S\$)
<p><i>MODIFICATION REQUIRED</i></p> <p>Application Charge</p> <p>Per Order Charge For 64Kbps and 128Kbps bandwidth – Per order For bandwidths other than 64Kbps and 128Kbps - Per order</p> <p>Per Circuit Charge For 64Kbps and 128Kbps bandwidth – Per circuit For bandwidths other than 64Kbps and 128Kbps - Per circuit</p> <p>Deactivation Charge Per deactivation request per circuit</p> <p><i>Please refer to IDA's annotations above at clause 7.1.6. Accordingly, IDA directs SingTel to delete the Deactivation Charge.</i></p>		
<p>Full Local Leased Circuit (Point-to-Point) - per PTP circuit per month</p> <p>64 Kbps</p> <p>128 Kbps</p> <p>192 Kbps</p> <p>256 Kbps</p>	<p>Monthly Recurring Charges</p>	<p>One-Time Installation Charges</p>

DESCRIPTION	CHARGES (S\$)	CHARGES (S\$)
384 Kbps 512 Kbps 768 Kbps 1024 Kbps 1536 Kbps 1984 Kbps 2 Mbps 45 Mbps 155 Mbps		
Full Local Leased Circuit (Point-to-Multipoint) – per PTMP circuit per month Trunk Circuit 1984 Kbps Tail Circuit 64 Kbps 128 Kbps 192 Kbps 256 Kbps 384 Kbps 512 Kbps 768 Kbps 1024 Kbps 1536 Kbps 1984 Kbps	Monthly Recurring Charges	One-Time Installation Charges

DESCRIPTION	CHARGES (S\$)	CHARGES (S\$)
<p>Grooming Facility Charge (applicable for every PTMP tail and trunk circuit)</p> <p>* This charge is only applicable in the event that Grooming Reconfiguration is done. For avoidance of doubt, when a PTMP tail or trunk circuit is provisioned for the first time, this charge is not applicable.</p>		
<p>Generic Components (for 64Kbps and 128Kbps)</p> <p>Sale</p> <p>Network Terminating Equipment</p> <p>Network Terminating Equipment Installation</p> <p>Lease</p> <p>Network Terminating Equipment Lease</p>	<p>Monthly Recurring</p>	<p>One-Time Charge</p>
<p>Internal Relocation Charges</p> <p>64 Kbps</p> <p>128 Kbps</p> <p>192 Kbps</p> <p>256 Kbps</p> <p>384 Kbps</p> <p>512 Kbps</p>	<p>Monthly Charge</p>	<p>One-Time Charge</p>

DESCRIPTION	CHARGES (S\$)	CHARGES (S\$)
768 Kbps		
1024 Kbps		
1536 Kbps		
1984 Kbps		
2 Mbps		
45 Mbps		
155 Mbps		
External Relocation Charges		
64 Kbps	Monthly Charge	One-Time Charge
128 Kbps		
192 Kbps		
256 Kbps		
384 Kbps		
512 Kbps		
768 Kbps		
1024 Kbps		
1536 Kbps		
1984 Kbps		
2 Mbps		
45 Mbps		
155 Mbps		

SCHEDULE 7B – WHOLESALE LOCAL LEASED CIRCUITS (TAIL CIRCUITS) SERVICE

7.2 General

7.2.1 The Requesting Licensee shall be liable to pay and shall pay SingTel the relevant Charges for the Wholesale Local Leased Circuits (Tail Circuits) Service as provided in Schedule 7B.

7.2.2 Application Charge

The Requesting Licensee shall pay to SingTel the Application Charge for processing each Wholesale Local Leased Circuits (Tail Circuits) Service Activation Request. The Application Charge shall consist of a Per Order Charge for processing the request and a Per Circuit Charge for the circuit requested. The Application Charge shall be waived if the Service requested in the application (after having received SingTel's in-principle approval) is provisioned. However, the Application Charge shall be applied if the Wholesale Local Leased Circuits (Tail Circuit) Service Activation Request is not approved by SingTel or pre-maturely cancelled or terminated by the Requesting Licensee. Where a single Wholesale Local Leased Circuits (Tail Circuits) Service Activation Request is submitted in respect of multiple circuits, all with the same A-end ~~and the same B-end~~, the Requesting Licensee shall pay a Per Order Charge for processing the request and Per Circuit Charge for each of the circuits requested.

IDA notes the following typographical error – the words “and the same B-end” should be deleted since a TLLC Service will not have any B-ends. Accordingly, IDA directs SingTel to modify the RIO in the manner as specified above.

7.2.3 Installation Charge

The Requesting Licensee shall pay to SingTel a one-time Installation Charge for provisioning each Wholesale Local Leased Circuits (Tail Circuits) Service Activation Request.

For express provisioning, the Requesting Licensee shall pay to SingTel an amount equivalent to twice the one-time Installation Charge for provisioning each Wholesale Local Leased Circuits (Tail Circuits) Service Activation Request.

7.2.4 Tail Local Leased Circuit

The Requesting Licensee shall pay to SingTel the recurring license charge for each Tail Local Leased Circuit provisioned.

PROPOSED NEW CLAUSE 7.2.5 – DELETION REQUIRED

7.2.5 ~~Deactivation Charge~~

~~With effect from the date that the TLLC Service is mandated as an IRS under the Code, the Requesting Licensee shall pay to SingTel the relevant Deactivation Charge.~~

Please refer to IDA’s annotations above at clause 7.1.6. IDA rejects SingTel’s proposal to incorporate the above new clause to provide for the recovery of charges for deactivation.

7.2.6 Relocation Charge

The Requesting Licensee shall pay to SingTel a one-time Relocation Charge as follows:

For internal relocation (any relocation within the same building), the Internal Relocation Charge would be applicable.

For external relocation (any relocation out of the building), the External Relocation Charge would be applicable.

DESCRIPTION	CHARGES (S\$)	CHARGES (S\$)
<i>MODIFICATION REQUIRED</i>		
Application Charge		
Per Order Charge		

DESCRIPTION	CHARGES (S\$)	CHARGES (S\$)
<p>For 64Kbps and 128Kbps bandwidth – Per order For bandwidths other than 64Kbps and 128Kbps - Per order</p> <p>Per Circuit Charge For 64Kbps and 128Kbps bandwidth – Per circuit For bandwidths other than 64Kbps and 128Kbps - Per circuit</p> <p>Deactivation Charge Per deactivation request per circuit</p> <p><i>Please refer to IDA’s annotations above at clause 7.2.5. Accordingly, IDA directs SingTel to delete the Deactivation Charge.</i></p>		
<p>Tail Local Leased Circuit - per Tail Local Leased Circuit per month</p> <p>64 Kbps 128 Kbps 192 Kbps</p>	<p>Monthly Recurring Charges</p>	<p>One-Time Installation Charges</p>

DESCRIPTION	CHARGES (S\$)	CHARGES (S\$)
384 Kbps		
512 Kbps		
768 Kbps		
1024 Kbps		
1536 Kbps		
1984 Kbps		
2 Mbps		
45 Mbps		
155 Mbps		
External Relocation Charges		
64 Kbps	Monthly Charge	One-Time Charge
128 Kbps		
192 Kbps		
256 Kbps		
384 Kbps		
512 Kbps		
768 Kbps		
1024 Kbps		
1536 Kbps		
1984 Kbps		
2 Mbps		
45 Mbps		
155 Mbps		

7.3 Other Charges

The Requesting Licensee shall compensate SingTel for the cost incurred in responding to a fault that is not caused by SingTel based on the Call Out Rates as provided below:

- a. The Call Out Rate applicable shall be based on per visit charge.
- b. Per visit charge is ____ per man per hour, for a minimum of 2 hours. Subsequent ¼ hour blocks are charged at ____ per man, basis.
- c. The above charges are applicable only for call out jobs during weekdays (ie Mondays to Fridays) and during office hours only.
- d. Different charges (based on “Visitation charge x Factor”) will be applied during other periods and/or times – see table below.

Period	Time	FACTOR
Monday to Friday	8.30am to 6.00pm	1.0
Saturday	8.30am to 1.00pm	
Monday to Friday	After 6.00pm	1.5
Saturday	After 1.00pm	
Sundays and Public Holidays	Throughout	2.0

8. **SCHEDULE 8 – CO-LOCATION**

TABLE 1 - COMMON CHARGES FOR CO-LOCATION AT:

POI/POA/SATELLITE EARTH STATION/SUBMARINE CABLE LANDING STATION/TLLC

DESCRIPTION	CHARGES (\$\$)
<p>Ordering And Provisioning</p> <p>Application Fee (Per Co-location Site)</p> <p>Project Study (Per Co-location Site)</p>	
<p>Site Preparation & Installation</p> <p>Site Preparation Work –for M&E works etc</p> <p>Fire Safety Bureau Charges</p>	
<p>Building & Construction Authority Charges</p> <p>Construction of Connection Duct – 1 metre of 110mm diameter Connection Duct</p> <p>Installation of Optical Fibre</p> <p>Provision, installation and termination of Transmission Tie Cables, Power and Earth comms cables</p>	
<p>Provision, installation and termination of Tie Cables for TLLC Service (n x 64 kbps, 2 Mbps, 45Mbps and 155Mbps)</p>	
<p>Usage / License Charges</p> <p>Co-location Space (minimum of 1 square metre to maximum of 10 square metre) per square metre per year</p>	
<p>Power (minimum of 13 fused amp for AC and minimum of 20 fused amp for DC) per fused amp per year</p>	

DESCRIPTION	CHARGES (S\$)
Lead-in Ducts (per duct metre per year)	
Manpower Cost <ul style="list-style-type: none"> - Supervision of work during installation - Site Inspection - Final Inspection - Escort Service for Physical Access 	
Recovery Recovery of Equipment, Cable Trays, M&E works (where applicable) upon termination of Co-location.	
<u>SingTel Exchange Related Information</u> <u>Application Fee</u> <u>Address of SingTel Exchange Building and diagram of network boundary</u>	

IDA has directed SingTel to provide the SingTel Exchange Related Information under Annex 8B.3. IDA's assessment is that it is reasonable for SingTel to recover the costs of providing such information. This is consistent with IDA's principle of cost-recovery. Accordingly, IDA accepts the above charges proposed by SingTel for the provision of the SingTel Exchange Related Information.