ANNEXURE 1

Approved Revised Schedule 9

SCHEDULE 4C – IRS TAIL CIRCUIT SERVICE

4.5   General

4.5.1   The Requesting Licensee shall be liable to pay and shall pay SingTel the relevant Charges for the IRS Tail Circuit Service as provided in Schedule 4C.

4.5.2   **Application Charge**

The Requesting Licensee shall pay to SingTel the Application Charge for processing each Tail Circuit Activation Request (**TCAR**) or Tail Circuit Deactivation Request (**TCDR**). The Application Charge shall consist of a Per Order Charge for processing the request and a Per Circuit Charge for the circuit requested. For the avoidance of doubt, the Application Charge will still be applied if the TCAR or TCDR is not approved by SingTel or is prematurely cancelled or terminated by the Requesting Licensee. Where a single TCAR or TCDR is submitted in respect of multiple circuits, all terminating at the same End User's site, the Requesting Licensee shall pay a Per Order Charge for processing the request and a Per Circuit Charge for each of the circuits requested.

4.5.3   **Installation Charge**

The Requesting Licensee shall pay to SingTel a one-time Installation Charge for provisioning each Tail Circuit.

For express provisioning, the Requesting Licensee shall pay to SingTel an amount equivalent to twice the one-time Installation Charge for provisioning each TCAR

4.5.4   **Deactivation Charge**

The Requesting Licensee shall pay to SingTel a one-time Deactivation Charge for terminating each Tail Circuit.

4.5.5 **Project Study Charge**

The Requesting Licensee shall pay to SingTel the Project Study Charge, as well as the Application Charge, if it cancels its request for IRS Tail Circuit Service after commencement but prior to the completion of the Project Study. For the avoidance of doubt, if a Requesting Licensee cancels its request for IRS Tail Circuit Service prior to the commencement of the Project Study, then the Requesting Licensee will only be responsible for the Application Charge.

4.5.6 **Recurring Charge**

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

4.5.7 **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.

4.5.8 **Change of Interface Standard Charge**

The Requesting Licensee shall pay to SingTel a Change of Interface Standard Charge for each request for an IRS Tail Circuit Service to be provisioned with a new Interface Standard.

4.5.9 **Tie-Cable Change Charge**

The Requesting Licensee shall pay to SingTel a Tie-Cable Change Charge for each request for an IRS Tail Circuit Service to be provisioned with a new Tie-Cable.

4.5.10 **No-Fault-Found Charge**

The Requesting Licensee shall pay to SingTel a No-Fault-Found Charge for each fault report which SingTel determines to be not due to SingTel.

4.5.11 **Migration Charge**

The Requesting Licensee shall pay to SingTel a Migration Charge for each TLLC that the Requesting Licensee requests to be migrated to the IRS Tail Circuit Service (**IRS Tail Circuit Service Migration Request**), regardless of whether the IRS Tail Circuit Service Migration Request is successful or not.

DESCRIPTION	CHARGES (S$)	CHARGES (S$)
Application Charge	**One-Time Installation Charges**	**One-Time Deactivation Charges**
Per Order Charge		
Per order	$ 110.93	$85.15 $ 110.93
Per Circuit Charge		
For bandwidths between 64 kbps and 1984 kbps – Per circuit	$ 31.71	$ 11.89 $ 31.71
For bandwidths between 64 kbps and 1536 kbps – Per circuit, applicable where the circuit is groomed to an existing physical handover circuit	$ 15.86	$ 11.89 $ 15.86
For bandwidths between 2 Mbps and 155 Mbps – Per circuit	$ 23.78	$ 11.89 $ 23.78
Project Study Charge (not applicable where the application is cancelled prior to the commencement of the Project Study)		
For bandwidths between 64 kbps and 128 kbps – Per order	$ 79.25	- $ 79.25
For bandwidths between 192 kbps and 1024 kbps – Per order	$ 333.07	- $ 333.07
For bandwidths between 1536 kbps and 1984 kbps – Per order	$ 533.27	- $ 533.27
For 2 Mbps bandwidth – Per order	$ 521.65	- $ 521.65

DESCRIPTION	CHARGES (S$)	CHARGES (S$)
For bandwidths between 45 Mbps and 155 Mbps – Per order	$ 537.36	- $ 537.36
Tail Circuit – per Circuit (Without Grooming)	**One-Time Installation Charges**	**One-Time Deactivation Charges**
64 kbps	$ 1,016.82	$ 458.87
128 kbps	$ 1,016.82	$ 458.87
192 kbps	$ 1,419.48	$ 458.87 To be
256 kbps	$ 1,419.48	$ 458.87 determined
384 kbps	$ 1,419.48	$ 458.87 and approved
512 kbps	$ 1,419.48	$ 458.87 by IDA
768 kbps	$ 1,419.48	$ 458.87
1024 kbps	$ 1,419.48	$ 458.87
1536 kbps	$ 1,639.74	$ 548.14
1984 kbps	$ 1,639.74	$ 548.14
2 Mbps	$ 1,339.48	$ 497.60
45 Mbps	$ 1,968.35	$ 603.19
155 Mbps	$ 1,968.35	$ 603.19
Tail Circuit – per Circuit (With Grooming)	**One-Time Installation Charges**	**One-Time Deactivation Charges**
64 kbps	$ 760.36	$ 288.41
128 kbps	$ 760.36	$ 288.41
192 kbps	$ 1,143.62	$ 288.41
256 kbps	$ 1,143.62	$ 288.41 To be
384 kbps	$ 1,143.62	$ 288.41 determined
512 kbps	$ 1,143.62	$ 288.41 and approved

DESCRIPTION	CHARGES (S$)	CHARGES (S$)
768 kbps	$ 1,143.62	$ 288.41 ~~by IDA~~
1024 kbps	$ 1,143.62	$ 288.41
1536 kbps	$ 1,358.53	$ 377.68
Per Physical Handover Circuit (1984 kbps)	$ 338.48	$243.53
Grooming Charge (per Tail Circuit to be groomed to the Physical Handover Circuit)	$ 29.86	-

Tail Circuit – per Circuit (without Grooming)	Recurring Charges per circuit per year	
	CBD	Non-CBD
64 kbps	$ 1,475	$ 1,548
128 kbps	$ 1,586	$ 1,688
192 kbps	$ 1,799	$ 1,925
256 kbps	$ 1,819	$ 1,977
384 kbps	$ 3,144	$ 3,361
512 kbps	$ 3,131	$ 3,409
768 kbps	$ 3,773	$ 4,171
1024 kbps	$ 3,994	$ 4,516
1536 kbps	$ 1,922	$ 2,683
1984 kbps	$ 2,103	$ 3,076
2 Mbps	$ 1,325	$ 2,297
45 Mbps	$ 10,718	$ 15,647
155 Mbps	$ 23,886	$ 31,267

Tail Circuit – Per Circuit (with Grooming)	Recurring Charges per circuit per year	
	CBD	Non-CBD
64 kbps	$ 1,003	$ 1,062
128 kbps	$ 1,114	$ 1,202
192 kbps	$ 1,327	$ 1,439
256 kbps	$ 1,348	$ 1,491

DESCRIPTION	CHARGES (S$)	CHARGES (S$)
384 kbps	$ 2,673	$ 2,875
512 kbps	$ 2,659	$ 2,923
768 kbps	$ 3,302	$ 3,685
1024 kbps	$ 3,522	$ 4,029
1536 kbps	$ 1,450	$ 2,197
Internal and External Relocation Charges		**One-Time Charge**
Per Order Charge		
Per order		$ 101.74
Per Circuit Charge		
For bandwidths between 64 kbps and 1984 kbps – Per circuit		$ 31.71
For bandwidths between 2 Mbps and 155 Mbps – Per circuit		$23.78
Project Study Charge (not applicable where the application is cancelled prior to the commencement of the Project Study)		
For bandwidths between 64 kbps and 128 kbps – Per order		$ 62.60
For bandwidths between 192 kbps and 1024 kbps – Per order		$ 340.48
For bandwidths between 1536 kbps and 1984 kbps – Per order		$ 440.34
For 2 Mbps bandwidth – Per order		$ 435.76
For bandwidths between 45 Mbps and 155 Mbps – Per order		$ 433.28
		One-Time Relocation Charges

DESCRIPTION	CHARGES (S$)	CHARGES (S$)
64 kbps		$ 763.76
128 kbps		$ 763.76
192 kbps		$ 1,175.94
256 kbps		$ 1,175.94 ~~To be~~
384 kbps		$ 1,175.94 ~~Determined~~
512 kbps		$ 1,175.94 ~~and approved~~
768 kbps		$ 1,175.94 ~~by IDA~~
1024 kbps		$ 1,175.94
1536 kbps		$ 1,350.29
1984 kbps		$ 1,350.29
2 Mbps		$ 1,261.40
45 Mbps		$ 1,830.11
155 Mbps		$ 1,830.11
Change of Interface Standard Charge		**One-Time Charge**
~~Per Interface Standard Change request~~Per application		$ 55.03 ~~To be determined and approved by IDA~~
Project Study Charge[1] (per circuit)		$ 54.34
Per Circuit		$ 773.27
Tie-Cable Change Charge		**One-Time Charge**
Per Tie-Cable Change request		
64 kbps		$ 209.76
128 kbps		$ 209.76

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[1] The Project Study Charge is only applicable where SingTel rejects the Change of Interface Standard request. In such cases, the Per Circuit charge will not apply.

DESCRIPTION	CHARGES (S$)	CHARGES (S$)
192 kbps		$ 232.51
256 kbps		$ 232.51
384 kbps		$ 232.51
512 kbps		$ 232.51
768 kbps		$ 232.51
1024 kbps		$ 232.51
1536 kbps		$ 244.74
1984 kbps		$ 244.74
2 Mbps		$ 378.91
45 Mbps		$ 535.95
155 Mbps		$ 535.95
No-Fault-Found Charges		**One-Time Charge**
Office hours		
64kbps to 1984kbps		$ 322.19
2Mbps		$ 511.95
45Mbps & 155Mbps		$ 952.00
After Office hours		
64kbps to 1984kbps		$ 576.41
2Mbps		$ 806.58
45Mbps & 155Mbps		$1,566.60
Sundays and Public Holidays		
64kbps to 1984kbps		$ 926.89
2Mbps		$ 1,131.98
45Mbps & 155Mbps		$ 1,941.09
For all recalls, the Requesting Licensee shall reimburse SingTel for its staff's reasonable transportation claim.		

DESCRIPTION	CHARGES (S$)	CHARGES (S$)
Migration Charge Per IRS Tail Circuit Service Migration Request		**One-Time Charge** On a case-by-case basis To be determined and approved by IDA