

**UNIFIED CARRIER LICENSE  
TELECOMMUNICATIONS ORDINANCE (Chapter 106)**

**PCCW-HKT Telephone Limited (“PCCW-HKTC”) and  
Hong Kong Telecommunications (HKT) Limited (“HKT”)**

**Name of Tariff:**

Flexible Bandwidth Service

**Description of Tariff:**

See Annex for details.

**Effective date of tariff:**

Immediate

**Revision history:**

First publication on 18 March 2016

## **Flexible Bandwidth Service**

### **Flexible Bandwidth Service family**

The Flexible Bandwidth Service family includes three categories of services:

- Flexible Bandwidth Service
- Flexible Bandwidth Service GE Flex
- Flexible Bandwidth Service T1/E1/T3 and STM-1/4/16/64.

It is a basic bandwidth building block for advanced networking applications with different upgrade options open to customers.

### **1. Flexible Bandwidth Service (“FBS”)**

#### **1.1 The Service**

The FBS service is a point-to-point or point-to-multipoint transmission service based on the FBS service platform.

#### **1.2 Terms and Conditions**

Subject to the Hong Kong Telecommunications (HKT) Ltd. (“HKT”) General Conditions of Service and relevant Special Conditions in this document as published and amended from time to time. Minimum contract period for each Service is 12 months. Early termination charge shall apply, calculated by the remaining contract period multiplied by the monthly charge(s), if the Service is terminated before the end of the contract period.

Provision of the Service is subject to the availability of HKT network resources.

Other terms and conditions as agreed with customers.

### 1.3 Charges

#### 1.3.1 One-off Charges per End

| Charges per End (HK\$)     | Point-to-Multipoint Service |                    |               |                 |                  |
|----------------------------|-----------------------------|--------------------|---------------|-----------------|------------------|
|                            | Server End                  |                    | Client End    |                 |                  |
| <b>Bandwidth (Mbps)</b>    | <b>1 - 100</b>              | <b>101 – 1,000</b> | <b>1 - 10</b> | <b>11 - 100</b> | <b>Above 100</b> |
| <b>Installation</b>        | <b>15,000</b>               | <b>30,000</b>      | <b>5,000</b>  | <b>15,000</b>   | <b>30,000</b>    |
| <b>Internal Relocation</b> | <b>7,500</b>                | <b>15,000</b>      | <b>2,500</b>  | <b>7,500</b>    | <b>15,000</b>    |
| <b>External Relocation</b> | <b>15,000</b>               | <b>30,000</b>      | <b>5,000</b>  | <b>15,000</b>   | <b>30,000</b>    |
| <b>Reconfiguration</b>     | <b>1,450</b>                | <b>1,450</b>       | <b>1,450</b>  | <b>1,450</b>    | <b>1,450</b>     |

| Charges per End (HK\$)     | Point-to-Point Service |                 |                    |                    |
|----------------------------|------------------------|-----------------|--------------------|--------------------|
|                            | 1 - 10                 | 11 - 100        | 101 – 1,000        | Above 1,000        |
| <b>Bandwidth (Mbps)</b>    | <b>1 - 10</b>          | <b>11 - 100</b> | <b>101 – 1,000</b> | <b>Above 1,000</b> |
| <b>Installation</b>        | <b>5,000</b>           | <b>15,000</b>   | <b>30,000</b>      | <b>100,000</b>     |
| <b>Internal Relocation</b> | <b>2,500</b>           | <b>7,500</b>    | <b>15,000</b>      | <b>50,000</b>      |
| <b>External Relocation</b> | <b>5,000</b>           | <b>15,000</b>   | <b>30,000</b>      | <b>100,000</b>     |
| <b>Reconfiguration</b>     | <b>1,450</b>           | <b>1,450</b>    | <b>1,450</b>       | <b>5,000</b>       |

#### 1.3.2 Monthly Recurrent Charges

| Point-to-Multipoint Service | Charges per End (HK\$) |
|-----------------------------|------------------------|
| <b>Server End :</b>         |                        |
| <b>1 – 50 Mbps</b>          | 15,000                 |
| <b>51 – 100 Mbps</b>        | 25,000                 |
| <b>101 – 500 Mbps</b>       | 39,000                 |
| <b>501 – 1,000 Mbps</b>     | 51,000                 |
| <b>Client End :</b>         |                        |
| <b>1 Mbps</b>               | 3,600                  |
| <b>2 Mbps</b>               | 4,200                  |
| <b>3 Mbps</b>               | 4,800                  |
| <b>4 Mbps</b>               | 5,400                  |
| <b>5 Mbps</b>               | 6,000                  |

| <b>Point-to-Multipoint Service</b> | <b>Charges per End (HK\$)</b> |
|------------------------------------|-------------------------------|
| <b>6 Mbps</b>                      | 6,600                         |
| <b>7 Mbps</b>                      | 7,200                         |
| <b>8 Mbps</b>                      | 7,800                         |
| <b>9 Mbps</b>                      | 8,400                         |
| <b>10 Mbps</b>                     | 9,000                         |
| <b>15 Mbps</b>                     | 10,500                        |
| <b>20 Mbps</b>                     | 11,000                        |
| <b>25 Mbps</b>                     | 11,500                        |
| <b>30 Mbps</b>                     | 12,000                        |
| <b>35 Mbps</b>                     | 12,500                        |
| <b>40 Mbps</b>                     | 13,000                        |
| <b>45 Mbps</b>                     | 13,500                        |
| <b>50 Mbps</b>                     | 14,000                        |
| <b>60 Mbps</b>                     | 15,000                        |
| <b>70 Mbps</b>                     | 16,000                        |
| <b>80 Mbps</b>                     | 17,000                        |
| <b>90 Mbps</b>                     | 18,000                        |
| <b>100 Mbps</b>                    | 32,000                        |
| <b>200 Mbps</b>                    | 34,000                        |
| <b>300 Mbps</b>                    | 36,000                        |

| <b>Point-to-Point Service</b> | <b>Charges per End (HK\$)</b> |
|-------------------------------|-------------------------------|
| <b>1 Mbps</b>                 | 3,600                         |
| <b>2 Mbps</b>                 | 4,200                         |
| <b>3 Mbps</b>                 | 4,800                         |
| <b>4 Mbps</b>                 | 5,400                         |
| <b>5 Mbps</b>                 | 6,000                         |
| <b>6 Mbps</b>                 | 6,600                         |
| <b>7 Mbps</b>                 | 7,200                         |
| <b>8 Mbps</b>                 | 7,800                         |
| <b>9 Mbps</b>                 | 8,400                         |
| <b>10 Mbps</b>                | 9,000                         |
| <b>15 Mbps</b>                | 10,500                        |
| <b>20 Mbps</b>                | 11,000                        |
| <b>25 Mbps</b>                | 11,500                        |
| <b>30 Mbps</b>                | 12,000                        |
| <b>35 Mbps</b>                | 12,500                        |
| <b>40 Mbps</b>                | 13,000                        |
| <b>45 Mbps</b>                | 13,500                        |
| <b>50 Mbps</b>                | 14,000                        |

| <b>Point-to-Point Service</b> | <b>Charges per End (HK\$)</b> |
|-------------------------------|-------------------------------|
| <b>60 Mbps</b>                | 15,000                        |
| <b>70 Mbps</b>                | 16,000                        |
| <b>80 Mbps</b>                | 17,000                        |
| <b>90 Mbps</b>                | 18,000                        |
| <b>100 Mbps</b>               | 32,000                        |
| <b>1000 Mbps</b>              | 50,000                        |
| <b>10 Gbps</b>                | 450,000                       |

### 1.3.3 Diversity Option

Fibre diversity option is available subject to the following additional charges :

| <b>Charges per End (HK\$)</b> | <b>Additional Monthly Recurrent Charges</b> | <b>Additional One-off Installation Charges</b> |
|-------------------------------|---|--|
| <b>Server End :</b>           |   |  |
| <b>1 – 50 Mbps</b>            | 7,400                                       | 3,150  |
| <b>51 – 100 Mbps</b>          | 7,400                                       | 3,150  |
| <b>101 – 500 Mbps</b>         | 15,500                                      | 6,300  |
| <b>501 – 1,000 Mbps</b>       | 15,500                                      | 6,300  |
| <b>Client End :</b>           |   |  |
| <b>1 – 10 Mbps</b>            | 5,000                                       | 3,150  |
| <b>11 Mbps &amp; above</b>    | 10,000                                      | 6,300  |
| <b>Point to Point :</b>       |   |  |
| <b>1 – 10 Mbps</b>            | 5,000                                       | 3,150  |
| <b>11 – 1000 Mbps</b>         | 10,000                                      | 6,300  |
| <b>Above 1000Mbps</b>         | 30,000                                      | 12,500   |

### 1.3.4 Additional Charge for Fibre Distance exceeding 15km – extra port charge

For the fibre distance between the customer premise and the designated network nodes of the Flexible Bandwidth Service exceeding 15km, an extra port charge per month per every additional 10km will be applied as follows:

| <b>Extra Port Charge</b>     | <b>Monthly Charges per port (HK\$)</b> |
|------------------------------|--|
| <b>Every additional 10km</b> | 1,400                                  |

### 1.3.5 Upgrade Charges

Upgrade Charges per respective bandwidth of each server or client end are the same as their respective One-off Installation Charge as listed under paragraph 1.3.1.

## 2. Flexible Bandwidth Service GE Flex

### 2.1 The Service

The Flexible Bandwidth Service GE Flex (“**FBS GE Flex**”) is a pure scalable bandwidth point-to-point transmission service based on the FBS service platform.

### 2.2 Terms and Conditions

Subject to the Hong Kong Telecommunications (HKT) Ltd. (“HKT”) General Conditions of Service and relevant Special Conditions in this document as published and amended from time to time.

Minimum contract period for each Service is 12 months. Early termination charge shall apply, calculated by the remaining contract period multiplied by the monthly charge(s), if the Service is terminated before the end of the minimum contract period.

Provision of the Service is subject to the availability of HKT network resources.

Each FBS GE Flex supports a minimum of 100Mbps up to a maximum of 1,000Mbps bandwidth, scalable in step of 100Mbps.

Other terms and conditions as agreed with customers.

### 2.3 Charges

#### 2.3.1 One-off Charges per End

| Service                    | Charges per End (HK\$) |
|----------------------------|------------------------|
| <b>Installation</b>        | 100,000                |
| <b>Internal Relocation</b> | 60,000                 |
| <b>External Relocation</b> | 100,000                |
| <b>Reconfiguration</b>     | 2,000                  |

### 2.3.2 Monthly Recurrent Charges

| <b>Service</b>    | <b>Charges per End (HK\$)</b> |
|-------------------|-------------------------------|
| <b>100 Mbps</b>   | 32,000                        |
| <b>200 Mbps</b>   | 34,000                        |
| <b>300 Mbps</b>   | 36,000                        |
| <b>400 Mbps</b>   | 38,000                        |
| <b>500 Mbps</b>   | 40,000                        |
| <b>600 Mbps</b>   | 42,000                        |
| <b>700 Mbps</b>   | 44,000                        |
| <b>800 Mbps</b>   | 46,000                        |
| <b>900 Mbps</b>   | 48,000                        |
| <b>1,000 Mbps</b> | 50,000                        |

### 2.3.3 Diversity Option

Fibre diversity option is available subject to the following additional charges :

| <b>Diversity Option</b>                       | <b>Charges per End (HK\$)</b> |
|---|-------------------------------|
| <b>Additional One-off Installation Charge</b> | 20,000                        |
| <b>Additional Monthly Recurrent Charge</b>    | 15,500                        |

### 2.3.4 Additional Charge for Fibre Distance exceeding 15km – extra port charge

For the fibre distance between the customer premises exceeding 30km, an extra length charge per month per every additional 10km will be applied as follows:

| <b>Extra Port Charge</b>     | <b>Monthly Charges per port (HK\$)</b> |
|------------------------------|--|
| <b>Every additional 10km</b> | 1,400                                  |

### **3. Flexible Bandwidth Service T1/E1/T3 and STM-1/4/16/64**

#### **3.1 The Service**

The Flexible Bandwidth Service T1/E1/T3 and STM-1/4/16/64 (“**FBS T1/E1/T3 and STM-1/4/16/64**”) is a FBS service category with Channelised and Point-to-Point configuration. The Flexible Bandwidth Service Channelised T1/E1/T3 and STM-1/4/16/64 (“**FBS Channelised T1/E1/T3 and STM-1/4/16/64**”) is a pure scalable bandwidth point-to-multipoint transmission service based on the FBS service platform. The Flexible Bandwidth Service Point-to-Point T1/E1/T3 and STM-1/4/16/64 (“**FBS Point-to-Point T1/E1/T3 and STM-1/4/16/64**”) is a pure bandwidth point-to-point transmission service based on the FBS service platform.

#### **3.2 Terms and Conditions**

Subject to the Hong Kong Telecommunications (HKT) Ltd. (“HKT”) General Conditions of Service and relevant Special Conditions in this document as published and amended from time to time.

Minimum contract period for each Service is 12 months. Early termination charge shall apply, calculated by the remaining contract period multiplied by the monthly charge(s), if the Service is terminated before the end of the minimum contract period.

Provision of the Service is subject to the availability of HKT network resources.

Each FBS Channelised T1/E1/T3 and STM-1/4/16/64 head-end supports T1, E1, T3, STM-1, STM-4, STM-16, or STM-64 respectively. The tail-ends of FBS Channelised T1 support sub-rates below 1,544Kbps, FBS Channelised E1 support sub-rates below 2,048Kbps, FBS Channelised T3 support T1 or E1, FBS Channelised STM-1 support T1, E1 and T3. For FBS Channelised STM-4, the tail-ends support T3 and STM-1 while T3, STM-1 and STM-4 can be supported as the tail-ends of FBS Channelised STM-16. Higher order bandwidth, T3, STM-1, STM-4, STM-16 can be supported as tail-ends of channelized STM-64.

Other terms and conditions as agreed with customers.

Each FBS Point-to-Point T1/E1/T3 and STM-1/4/16/64 service supports point-to-point connection between two same types of tail ends (e.g. FBS Point-to-Point STM-1 is a point-to-point connection between two STM-1 tail ends).



### 3.3 Flexible Bandwidth Service Channelised T1/E1/T3 and STM-1/4/16/64

#### 3.3.1 One-off Charges per Head-End

| Services                   | Charges (HK\$) per Head-End of FBS Channelised T1/E1/T3 and STM-1/4/16/64 |       |        |        |         |         |         |
|----------------------------|---|-------|--------|--------|---------|---------|---------|
|                            | T1  | E1    | T3     | STM-1  | STM-4   | STM-16  | STM-64  |
| <b>Installation</b>        | 6,200   | 6,200 | 41,000 | 82,000 | 131,400 | 262,800 | 262,800 |
| <b>Internal Relocation</b> | 2,195   | 2,195 | 20,500 | 40,900 | 40,900  | 160,400 | 160,400 |
| <b>External Relocation</b> | 6,200   | 6,200 | 40,900 | 82,000 | 131,400 | 262,800 | 262,800 |
| <b>Reconfiguration</b>     | 1,650   | 1,650 | 3,000  | 4,000  | 4,000   | 4,000   | 4,000   |

#### 3.3.2 One-off Charges per Tail-End

| Service                    | Charges (HK\$) per Tail-End of FBS Channelised T1/E1/T3 and STM-1/4/16/64 |         |        |        |        |         |
|----------------------------|---|---------|--------|--------|--------|---------|
|                            | Subrate (<2048Kbps)   | T1 / E1 | T3     | STM-1  | STM-4  | STM-16  |
| <b>Installation</b>        | 4,662   | 4,400   | 37,000 | 66,000 | 86,000 | 262,800 |
| <b>Internal Relocation</b> | 1,650   | 1,650   | 30,000 | 30,000 | 30,000 | 160,400 |
| <b>External Relocation</b> | 4,662   | 4,400   | 37,000 | 66,000 | 86,000 | 262,800 |
| <b>Reconfiguration</b>     | 1,650   | 1,650   | 2,000  | 2,000  | 2,000  | 4,000   |

#### 3.3.3 Monthly Recurrent Charges – Head-Ends

| Service        | Charges per Head-End (HK\$) |
|----------------|-----------------------------|
| <b>T1 / E1</b> | 23,400                      |
| <b>T3</b>      | 30,000                      |
| <b>STM-1</b>   | 80,000                      |
| <b>STM-4</b>   | 150,000                     |
| <b>STM-16</b>  | 300,000                     |
| <b>STM-64</b>  | 450,000                     |

### 3.3.4 Monthly Recurrent Charges – Tail-Ends

| Service             | Charges per Tail-End (HK\$) |
|---------------------|-----------------------------|
| Sub-rate (<2048bps) | 4,662                       |
| T1 / E1             | 23,400                      |
| T3                  | 80,000                      |
| STM-1               | 150,000                     |
| STM-4               | 300,000                     |
| STM-16              | 380,000                     |

### 3.4 Flexible Bandwidth Service Point-to-Point T1/E1/T3 and STM-1/4/16/64

#### 3.4.1 One-off Charges per End

| Services            | Charges (HK\$) per End of FBS Point-to-Point T1/E1/T3 and STM-1/4/16/64 |        |        |        |         |         |
|---------------------|---|--------|--------|--------|---------|---------|
|                     | T1/E1   | T3     | STM-1  | STM-4  | STM-16  | STM-64  |
| Installation        | 4,400   | 37,000 | 66,000 | 86,000 | 262,800 | 262,800 |
| Internal Relocation | 1,650   | 30,000 | 30,000 | 30,000 | 160,400 | 160,400 |
| External Relocation | 4,400   | 37,000 | 66,000 | 86,000 | 262,800 | 262,800 |
| Reconfiguration     | 1,650   | 2,000  | 2,000  | 2,000  | 4,000   | 4,000   |

#### 3.4.2 Monthly Recurrent Charges – per End

| Service | Charges per End (HK\$) |
|---------|------------------------|
| T1/E1   | 23,400                 |
| T3      | 80,000                 |
| STM-1   | 150,000                |
| STM-4   | 300,000                |
| STM-16  | 380,000                |
| STM-64  | 450,000                |