

**AND**

---

**LOCAL INTERCONNECT AGREEMENT**

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**THIS AGREEMENT** is made on

27th March

2013

**BETWEEN:**

**AND:**

## **RECITALS**

- A. provides public internal fixed telecommunications services in Hong Kong pursuant to issued under the Ordinance whereas provides public internal fixed telecommunications services in Hong Kong pursuant to issued under the Ordinance.
- B. The Parties agree to interconnect their respective telecommunications Networks and convey Designated Communications in accordance with this Agreement.

## **AGREEMENT**

### **1. DEFINITIONS AND INTERPRETATIONS**

- 1.1 In this Agreement the following words and expressions have the following meanings, unless the contrary intention appears.

**"Agreed Traffic"** means the Designated Communication originated from the Network of and terminated to the Network of as well as the Designated Communication originated from the Network of and terminated to the Network of

**"Agreement"** means these terms and conditions (including any Schedules and Annexes attached hereto) as may be amended by the Parties from time to time.

**"Business Day"** means a day on which trading banks are open for business in Hong Kong (excluding Saturdays).

**"CA" or "Communications Authority"** means the Communications Authority of Hong Kong (and includes its predecessor or successor).

**"Call Delivery Service"** means the call delivery services described in Schedule 2 provided in relation to Designated Communications and any other call delivery services agreed in writing from time to time between the Parties.

**"Called Party"** means the device, customer equipment or person, to which or to whom a Designated Communication from a Calling Party is conveyed for final termination.

**"Calling Party"** means a device, customer equipment or person from which or from whom a Designated Communication is originated for transmission to a Called Party.

**"Charges"** means amounts set out in Schedule 3 payable by each Party to the other Party under this Agreement in accordance with clause 4 for the supply of Call Delivery Services, as

amended from time to time under this Agreement or as lawfully determined by the CA under section 36A of the Ordinance.

**“CLI” or “Calling Line Identification”** means the information identifying the number of the telephone line or apparatus from which a communication originates that is generated or transmitted by the Network to which that line or apparatus is connected.

**“CLI Code of Practice”** means the Code of Practice in relation to Calling Line Identification and Other Calling Line Identification Related Services issued by the CA.

**“Commencement Date”** means the date of this Agreement.

**“Confidential Information”** means any proprietary and confidential information including trade secrets, technical knowledge, technical information including data, findings, know-how, plan, software, and all secret processes, technology, machines, computer programs, manuals, components, products, inventions, systems, designs, assembly techniques, pending patent applications; business, financial, marketing and accounting information whether related to present or prospective business activities, operations, management, policies and strategies, including market intelligence, data base information, customer lists, project records, strategic and development plans, co-developer identities, data, or any other information of a party acquired in pursuance of or during the existence of this Agreement whether such information is in written or oral form, electronically stored or in any other medium.

**“Connection Customer”** of a Party means a Calling Party or Called Party that subscribes to that Party’s telecommunications service and therefore transmits and/or receives communications through the Network operated by that Party.

**“Designated Communication”** means a communication comprised of voice and/or data on the voiceband and any other communications agreed in writing from time to time to be exchanged between the Parties’ respective Networks.

**“Interconnect Link”** means dedicated fixed network capacity necessary to establish one or more transmission paths between the switch locations of

**“Licence”** means the respective \_\_\_\_\_ which has been issued to that Party pursuant to the Ordinance, each as amended from time to time.

**“Network”** of a Party means the telecommunications network owned or operated by that Party for the purpose of providing public internal fixed telecommunications service pursuant to its Licence

**“Numbering Plan”** means the Numbering Plan for telecommunications services in Hong Kong issued by the Communications Authority, as amended from time to time.

**“Ordinance”** means the Telecommunications Ordinance (Cap. 106) of Hong Kong.

**“Party”** means a party to this Agreement and **“Parties”** means the parties to this Agreement.

**“Public Internal Fixed Telecommunications Service”** has the same meaning as given in Schedule 1 of each Party’s Licence.

**“Service Supplier”** means the Party which provides Public Internal Fixed Telecommunications Services to the Connection Customer or to the person who provides the end use telecommunications service to the Connection Customer, including through the provision of a service by the Service Supplier.

“Services” means the services, including the Call Delivery Services, to be provided by each Party under this Agreement.

“Supporting Operator” means the Party which provides Call Delivery Services to the Service Supplier.

1.2 In this Agreement unless, the context otherwise requires:

- (a) headings are for convenience only and do not affect the interpretation of this Agreement;
- (b) the singular includes the plural and vice versa;
- (c) the word person includes a body an unincorporated association or an authority;
- (d) a reference to a Party includes its successors and permitted assigns;
- (e) a reference to a document, includes any amendment, replacement or novation of it;
- (f) a reference to a statute, ordinance or by-law includes regulations and other instruments under it and consolidations, amendments, re-enactments or replacements of any of them;
- (g) if a period of time is specified and dates from a given day or the day of an act or event, it is to be calculated exclusive of that day;
- (h) a reference to agreement by or between the Parties, means agreement in writing signed by each Party; and
- (i) a reference to this Agreement includes the Schedules and Exhibits hereto.

1.3 The inclusion or omission of any right or obligation in this Agreement, and the consideration to include or omit any right or obligation within this Agreement, is not to be construed as an acknowledgment by a Party that:

- (a) its ability to make any representation in seeking any determination of the Party’s rights or Obligations under the Ordinance or under its Licence is in any way affected; or
- (b) that right or obligation falls within or outside (as the case may be) the terms of section 36A of the Ordinance or its Licence.

## **2. SCOPE OF THIS AGREEMENT**

2.1 Subject to clause 2.2, this Agreement is intended to regulate the relationship and to set out the rights and obligations as between the Parties in respect of the conveyance and exchange of Designated Communications across their respective Networks, the provision of Services and the other matters set out in this Agreement.

2.2 Subject to clause 2.4 if an applicable determination is made by the CA pursuant to section 36A of the Ordinance each Party will take such reasonable steps (including amending the terms of this Agreement) necessary to implement the determination and any consequential changes arising from the implementation.

2.3 If the Parties are unable to agree pursuant to this clause, within one month of the date of the determination being made by the CA, upon the manner in which, or extent to which, the determination should prevail, either Party may refer the disagreement to the CA for resolution by the CA.

2.4 If:

- (a) a determination referred to in clause 2.2 is subject to a bona fide dispute by a Party that such a determination is unlawful, has not been lawfully made or is invalid (as a result of the determination being ultra vires, having been made contrary to any applicable law relating to due administrative process or otherwise); and
- (b) that Party notifies the other Party of that dispute and takes steps to have that dispute determined by a court of competent jurisdiction within ninety (90) days from the date of the determination,

then this Agreement will be amended to implement that determination when a court finally determines that dispute.

2.5 If the Parties implement a determination of the CA that is later determined to be invalid for any reason by a court of competent jurisdiction then the Parties will take such steps as may be necessary to put themselves in the position that each of them would have been in had that determination of the CA never been implemented.

### 3. NETWORK INTERCONNECT AND SERVICES

3.1 The Parties agree to interconnect their respective Networks on the terms and conditions set out in this Agreement. Details of the physical interconnection are described in Schedule 1. For the avoidance of doubt, this Agreement shall cover fixed network interconnection services only and shall include the following types of voice traffic:

- (a) the local voice traffic originating from fixed network and terminating to fixed network;
- (b) the local voice traffic originating from fixed network and terminating to fixed network;
- (c) outbound ETS voice traffic originating from fixed network and terminating to an ETS provider hosted on fixed network;
- (d) inbound ETS voice traffic originating from an ETS provider hosted on fixed network and terminating to fixed network;
- (e) outbound ETS voice traffic originating from fixed network and terminating to an ETS provider hosted on fixed network;
- (f) inbound ETS voice traffic originating from an ETS provider hosted on fixed network and terminating to fixed network;

3.2 Each Party will install and supply, at its own expense, the respective Interconnect Link circuits as specified in Schedule 1 for the interconnection of the Parties' Networks. The physical point of interconnection between both Parties shall be specified in Clause 1.2 of Schedule 1. Where applicable, the Interconnection Location and

Interconnection Location are jointly referred to as the "Interconnection Locations". Each Party shall be responsible to procure, at its own expense, the necessary facilities or equipment required to deliver Agreed Traffic to the relevant Interconnection Locations.

- 3.3 The Supporting Operator must provide Call Delivery Services through the Interconnect Link to the Service Supplier in accordance with this Agreement. For the avoidance of doubt, this Agreement shall cover the Call Delivery Service between \_\_\_\_\_ fixed network and \_\_\_\_\_ fixed network only.
- 3.4 The Parties may from time to time agree additional telecommunications service to be provided under this Agreement the details thereof shall be set out in the Schedule which shall be attached to this Agreement.

#### **4. INTERCONNECT CHARGES**

- 4.1 Each Party must pay the other Party the Charges as specified in Schedule 3 in accordance with the billing and settlement procedures in Schedule 4.
- 4.2 Both Parties shall review the rate of interconnection charges specified in Schedule 3 on a need basis. Both Parties agree to negotiate in good faith during such review to agree on any adjustment to the interconnection charges.

#### **5. CLI AND PROVISION OF INFORMATION GENERALLY**

- 5.1 Each Party must provide CLI, as far as technically practicable and in the case of Designated Communications received by that Party from another network, where available, to the other Party as part of the call set up signal for a Designated Communication for which the other Party is the Service Supplier, except to the extent that the CLI Code of Practice provides or the CA otherwise directs. Each Party must use its reasonable efforts to ensure that it provides CLI under this clause in accordance with the signalling specifications specified by the CA.
- 5.2 For inbound ETS voice calls originating from an ETS provider hosted on \_\_\_\_\_ fixed network and terminating to \_\_\_\_\_ fixed network, \_\_\_\_\_ agree to transparently transfer the international CLI received from the ETS provider to \_\_\_\_\_ if the calls are routed through the Interconnect Link.
- 5.3 Each Party must use CLI provided by the other Party in such manner as is authorised by the CLI Code of Practice and in accordance with the terms of any other relevant guideline or determination issued or made by the CA and any applicable law.
- 5.4 Each Party must endeavour to ensure that information provided by it to the other Party under this Agreement is correct to the best of its knowledge at the time of provision.
- 5.5 Subject to clause 5.4, neither Party warrants that information provided under this Agreement be entirely free from errors or will remain valid after its provision.

#### **6. NUMBERING**

Each Party must open up the number ranges specified in Schedule 2.

#### **7. NETWORK OPERATION AND MANAGEMENT**

Each Party must comply with the provisions of Schedule 5.

## **8. QUALITY OF SERVICE AND FORECASTING**

8.1 Each Party shall use its reasonable endeavours to ensure that the conveyance and exchange of Designated Communications required to be conveyed and exchanged under this Agreement in and across their respective Networks complies with CA's related requirements.

8.2 The Parties shall provide each other with reasonable forecasts of Designated Communications to be conveyed across their respective Networks. Whilst each Party shall, if possible, provide the Services with respect to Designated Communications, whether or not forecast, a Party shall not be liable to the other Party with respect to:

- (a) failure to convey Designated Communications which do not fall within an agreed forecast; or
- (b) the inferior quality of Designated Communications which do not fall within an agreed forecast;

provided that the Party otherwise relieved from liability has used reasonable endeavours to avoid the failure or inferior quality as aforesaid.

## **9. LIMITATION OF LIABILITY**

9.1 Nothing in this Agreement in any way excludes or restricts a Party's liability for death or personal injury resulting from the negligence of that Party.

9.2 Neither Party is liable to the other for any indirect, consequential, collateral, special or incidental loss or damage, loss of revenue, profit, anticipated savings or business, loss of data or goodwill, loss of use or value of any equipment including software, claims of third parties, and all associated and incidental costs and expenses suffered or incurred by the other Party in connection with this Agreement whether during or after the term of this Agreement.

9.3 Each Party will use its reasonable endeavours to ensure that in its contracts with persons to whom it provides telecommunications services, the liability of the other Party is excluded to the fullest extent permissible by law.

9.4 The liability of each Party to the other party in contract, tort or otherwise (including any liability for negligence) arising by reason of or in connection with this Agreement is limited to HK\$1,000,000 for any one incident or series of events arising from a single incident or common cause, and an aggregate amount of HK\$5,000,000 for all liability arising by reason of or in connection with this Agreement.

## **10. TERM AND TERMINATION**

10.1 This Agreement commences on the Commencement Date and remains in force until terminated in accordance with this clause or by the CA pursuant to a lawful determination under section 36A of the Ordinance.

10.2 Either Party may, without any termination liability, terminate this Agreement at any time without cause by serving no less than twelve (12) months' prior notice of termination on the other Party.



- 10.3 Notwithstanding Clause 10.2, \_\_\_\_\_ may terminate this Agreement immediately by giving \_\_\_\_\_ notice in writing if:
- (a) \_\_\_\_\_ breaches a material provision of this Agreement and that breach is not remedied within thirty (30) days after receiving written notice to do so; or
  - (b) \_\_\_\_\_ becomes subject to any form of insolvency administration or winding up, unless there is a bona dispute between \_\_\_\_\_ and the person or persons seeking to subject \_\_\_\_\_ to that insolvency, administration or winding up; or
  - (c) the CA validly determines and notifies \_\_\_\_\_ in writing that it will revoke Licence, in which case this Agreement shall terminate at the date such revocation becomes effective.
- 10.4 Notwithstanding Clause 10.2, \_\_\_\_\_ may terminate this Agreement immediately by giving \_\_\_\_\_ notice in writing if:
- (a) \_\_\_\_\_ breaches a material provision of this Agreement and that breach is not remedied within thirty (30) days after receiving written notice to do so; or
  - (b) \_\_\_\_\_ becomes subject to any form of insolvency, administration or winding-up, unless there is a bona dispute between \_\_\_\_\_ and the person or persons seeking to subject \_\_\_\_\_ to that insolvency, administration or winding up; or
  - (c) the CA validly determines and notifies \_\_\_\_\_ in writing that it will revoke Licence, in which case this Agreement shall terminate at the date such revocation becomes effective.
- 10.5 On termination of this Agreement (whether in whole or in part) each Party remains liable to the other in respect of all amounts owed to the other Party in accordance with this Agreement in respect of actions up to the date of termination.
- 10.6 If a Party ("Defaulting Party") is in material breach of this Agreement and the other Party ("Injured Party") notifies the Defaulting Party requesting it to rectify that breach ("Default Notice") then within five (5) Business Days after that Default Notice is given the Defaulting Party must notify the Injured Party of the action it proposes to take to remedy that material breach and must commence to take appropriate action to remedy the material breach.
- 10.7 If the Defaulting Party:
- (a) fails to commence to take appropriate action to remedy the material breach within five (5) Business Days after receiving the Default Notice; or
  - (b) having taken the appropriate action to remedy the material breach, fails to remedy the material breach as soon as possible and in any event within ten (10) Business Days after receiving the Default Notice,
- the Injured Party may, without prejudice to any right to damages under this Agreement, after giving five (5) Business Days notice suspend the provision of any Service of the kind in respect of which the breach has occurred until the material breach is remedied and the Defaulting Party has certified that the material breach has been so remedied.
- 10.8 After the termination of this Agreement in circumstances where there is no agreement between the Parties or lawful determination providing for the contrary, unless there is a bona dispute in relation to the validity of the termination:

- (a) each Party must within a reasonable period (which will not be less than two (2) months) after termination disconnect its Network from the Network of the other Party or allow the other Party to so disconnect its Network; and
- (b) each Party's right to use the other Party's Confidential Information ceases.

10.9 Termination or expiry of this Agreement does not:

- (a) affect and is without prejudice to any accrued rights or remedies a Party may have under this Agreement that have accrued prior to or as a result of termination or expiry of this Agreement; or
- (b) operate as a waiver of any breach of this Agreement by a Party.

10.10 This clause and clauses 4, 9 and 11 shall survive termination or expiry of this Agreement.

10.11 If this Agreement is terminated for any reasons and the obligation to provide Services continues, each Party's obligations under clause 4 will also continue for the duration of the provision of those Services to it.

## 11. CONFIDENTIALITY

11.1 shall keep confidential any Confidential Information obtained under or in connection with this Agreement and shall not:

- (a) disclose the same to any third party; or
- (b) use all or any part of such information other than reasonably necessary for the purpose of this Agreement,

without the consent in writing of the other party.

11.2 The obligations of confidentiality in this clause shall not apply to:

- (a) any information in the public domain otherwise than by breach of this Agreement;
- (b) information in the possession of the receiving party thereof as evidenced by a writing or writings dated before any disclosure as aforesaid;
- (c) information obtained from a third party who is free to disclose the same; or
- (d) information required to be disclosed by law.

11.3 shall limit circulation and disclose Confidential Information only to those employees or representatives on a need to know basis and shall ensure that such employees and representatives are aware of and comply with these obligations as to confidentiality. shall take all reasonable steps to protect confidentiality.

11.4 This clause shall survive the termination of this Agreement.

## 12. FORCE MAJEURE

- 12.1 A Party does not breach this Agreement and is not liable to any other Party for a delay or failure to perform an obligation (except an obligation to pay money) resulting from events or circumstances beyond the Party's reasonable control to the extent that the effect of those events or circumstances renders performance impossible. The Party affected by the event or circumstances will be granted a reasonable extension of time to perform the obligation, if:
- (a) it notifies the other Party as soon as reasonably practicable of the event or circumstances and of the period for which it expects performance of its obligations to be delayed or prevented; and
  - (b) it takes all reasonable steps to avoid or limit the effects of the event or circumstances.
- 12.2 If a delay or failure to perform a Party's obligations due to an event or circumstances beyond that Party's reasonable control exceeds thirty (30) days, the other Party may immediately terminate this Agreement on notice to the first Party, but only if it has not at that time breached this Agreement in a manner which would entitle the other Party to terminate this Agreement.
- 12.3 An event or circumstances beyond a Party's reasonable control includes acts of God, war, flood, fire, explosion, civil disobedience, legislation not in force at the date of this Agreement, labour disputes, or delays of third parties, including suppliers, over which the Party has no control. However, the Parties agree that the failure of either Party to be granted a Licence is not an event of Force Majeure for the purposes of this Agreement.

### 13. ASSIGNMENT

Neither Party may assign its rights under this Agreement without the prior written consent of the other Party.

### 14. NOTICES

- 14.1 A notice, consent, request or any other communication under this Agreement must be in writing and must be at the address of the addressee, or sent by prepaid post (airmail if posted to or from a place outside Hong Kong) to the address of the addressee or sent by facsimile to the facsimile number of the addressee specified below or any other address or facsimile number the addressee requests.

If to

Address:

Attention:

Fax:

with copy to:

If to

Address:

Attention:

Fax:

with copy to:

- 14.2 A notice, consent, request or any other communication is deemed to be received:
- (a) if by delivery, when it is delivered;
  - (b) if a letter, three (3) days after posting (seven (7), if posted to or from a place outside Hong Kong); and
  - (c) if a facsimile, at the time of dispatch if the sender receives a transmission report which confirms that the facsimile was sent in its entirety to the facsimile number of the recipient.

## 15. GENERAL

### Cumulative rights

- 15.1 The rights, powers and remedies of a Party under this Agreement are cumulative with the rights, powers or remedies provided by law independently of this Agreement.

### Exercise of rights

- 15.2 A Party may exercise a right, power or remedy at its discretion, and separately or concurrently with another right, power or remedy. A single or partial exercise of a right, power or remedy by a Party does not prevent a further exercise of that or of any other right, power or remedy.

### Waiver and variation

- 15.3 A provision or a right under this Agreement may not be waived except in writing signed by the Party granting the waiver, or varied except in writing signed by the Parties.

### Approvals and consents

- 15.4 A Party may give or withhold its approval or consent conditionally or unconditionally in its discretion unless this Agreement states otherwise.

### No Representations or Warranties

- 15.5 The Parties have not relied on any representations or warranties about its subject matter except as provided in this Agreement.

### Further Assurance

- 15.6 Each Party must do everything reasonably necessary to give full effect to its obligations under this Agreement.

### Publicity

- 15.7 Neither Party shall make press or other public announcements or releases about this Agreement or the transactions related to it without the approval of the other Party unless the announcement or release is required to be made by law or the rules of stock exchange or by a government agency and that Party gives the other Party the maximum practicable notice of that announcement.

Severability

- 15.8 If at any time a provision of this Agreement becomes void, voidable, unenforceable or illegal, that shall not affect the legality, validity or enforceability of any other provision of this Agreement.

Relationship of the Parties

- 15.9 (a) The relationship of the Parties under this Agreement is one of independent contractors only. Unless otherwise expressly provided, nothing in this Agreement is to be construed as creating an agency, partnership, association, trust or joint venture between the Parties.
- (b) Neither Party nor any of its employees, agents, representatives or contractors is to be deemed an employee, agent, contractor or representative of the other Party.
- (c) Other than as expressly provided in this Agreement, neither Party has any authority to bind or oblige or incur any liability on behalf of the other Party and no such authority is to be implied.

Amendment

- 15.10 This Agreement may not be amended except by written instrument executed by the Parties.

Entire Agreement and Primacy

- 15.11 (a) Except as the Parties otherwise agree, this Agreement constitutes the entire agreement of the Parties about its subject matter and supersedes any previous understandings or agreements on that subject matter.
- (b) The Parties acknowledge that this Agreement does not alter or amend the Parties' rights under any other agreements entered into between the Parties except to the extent the Parties otherwise agree.

Counterparts

- 15.12 This Agreement may be executed in any number of counterparts and all those counterparts taken together will constitute one instrument.

**16. GOVERNING LAW AND JURISDICTION**

- 16.1 This Agreement is governed by the laws of Hong Kong.
- 16.2 Each Party irrevocably and unconditionally submits to the exclusive jurisdiction of the courts of Hong Kong.

**17. DISPUTE RESOLUTION**

- 17.1 Disputes in relation to this Agreement will be reviewed by the working group established by the Parties that has the greatest expertise in relation to the subject matter of that dispute. Failing resolution of the dispute by this working group within fourteen (14) calendar days or such other time as may be agreed between the Parties, the dispute must be referred to the senior management of the Parties for resolution.
- 17.2 Each Party acknowledges that this Agreement will not prevent the CA exercising its powers under the Ordinance or its rights under the Licences, or other lawful rights or powers from time to time.

**Executed as an agreement.**

Signed for and on behalf of

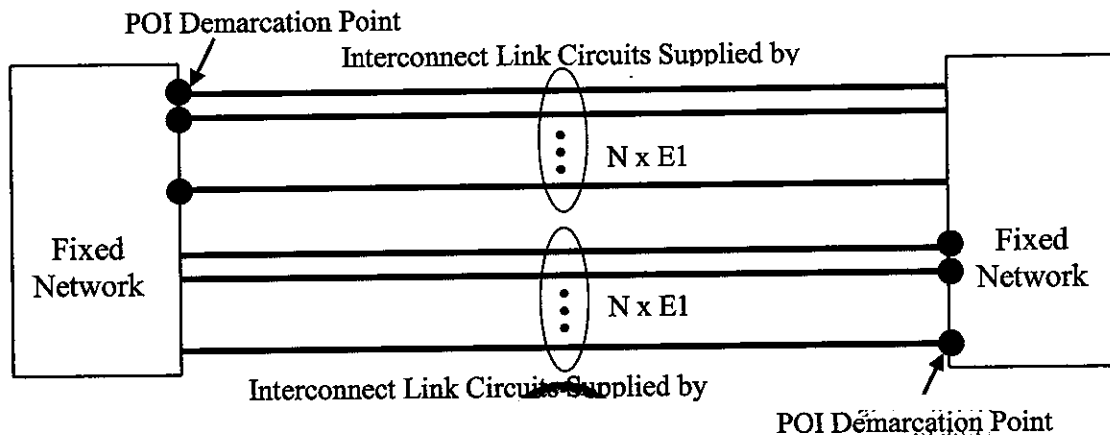
Signed for and on behalf of

## SCHEDULE 1

### PHYSICAL INTERCONNECTION

#### 1. Direct Interconnect

- 1.1 The Parties agree to interconnect their Networks directly with Interconnect Link between the agreed switch locations specified in section 1.2 of this Schedule 1. Each Party will install and supply an equal number of E1 circuits from that party's switch location to the other Party's switch location as Interconnect Link. The physical configuration of the direct interconnection between the Networks is illustrated below.



- 1.2 switch is located ("Interconnection Location"). switch is located on ("Interconnection Location").

- 1.3 Initial capacity of the Interconnect Link is 2 E1s (i.e.  $N=1$  in the above diagram). The Parties may from time to time review the traffic demand between the Networks to determine the appropriate Interconnect Link capacity.

#### 2. Cost of Interconnect Link

- 2.1 Each Party shall be responsible for all the cost associated with the procurement, installation and maintenance of the Interconnect Link circuits supplied by that Party.



## SCHEDULE 2

### CALL DELIVERY SERVICES

**1. Conveyance of Agreed Traffic**

The Parties agree to convey Agreed Traffic destined for the other Party, as follows:

	Calling Party	Called Party	Numbering Levels	Remarks
1				
				FTNS customer enquiry hot lines or operator-assisted services
				External Telecommunications
				Services of high volume of traffic
				Fixed network numbers
2				Network numbers
				Personal Numbering Services
				External Telecommunications
				Fixed network number
				Network number
	Customer enquiry and hot lines or operator-assisted services			

**Notes:**

1. Calling party of a network operator means CPE, MNO, ETS and SBO networks directly connected to the Party.
2. For details of the numbering formats, please refer to the latest issue of "The Numbering Plan for Telecommunications Services in Hong Kong". For those agreed call types, the numbering levels will be revised by the allocation of new numbers by CA to the relevant operators.
3. Each Party shall update the other Party by notice in writing of the list of operators behind its respective Network with the relevant routing information.

### SCHEDULE 3

#### INTERCONNECTION CHARGES

#### 1. Charging Principles

- 1.1 Charging principles for interconnection services will be determined in accordance with the principles specified in the relevant statements and/or determinations made by the CA, including Statement No. 7 (Third Revision) - "Carrier-to-Carrier Charging Principles" dated 3 April 2009, Determination under Section 36A of the Telecommunications Ordinance (Cap. 106) for Interconnection between PCCW-HKT Telephone Limited and Wharf T&T Limited dated 27 February 2003, Implementation of Local Access Charge and Modified Delivery Fee Arrangements dated 30 December 1998, Statement for the Review of Local Access Charge dated 28 June 2001 and Statement on New Regulatory Regime for Local Access Charge dated 23 December 2011 and other applicable statements and/or determinations as may be issued by the CA from time to time.
- 1.2 The Parties agree to review the rate of interconnection charges on a need basis. The Parties agree to negotiate in good faith with a view to mutually agree on the level of charges that are determined and specified in section 2 of this Schedule 3.
- 1.3 All charges will be settled in accordance with the Billing and Settlement Procedure as set out in Schedule 4.

#### 2. The Charges

- 2.1 The following table summarizes the charging principle according to the Numbering Plan for calls originated from a party's Connection Customers. For calls originated from a party's hosted ETS providers, Local Access Charge will apply as per clause 2.3 in this Schedule 3.

Call Types	Number Prefix	Call Description	Charging Principle
1	00x	Indirect Access to International Gateway	LAC
2	10x / 12x	Customer Enquiry	TAC
3	15xx / 16xx	External Telecommunication Services	LAC
4	18x	Volatile Traffic	TAC
5	20x	Calling Card	LAC
6	2x / 3x (non 30x)	Fixed Network Numbers	TAC
7	300x / 301x / 302x	PNETS	OAC
8	305x / 306x / 307x / 308x	PNETS (for IDD type of service)	LAC
9	4x (18x)	Network Number for Volatile Traffic	TAC
10	4x (2x / 3x (non 30x))	Network Number for Fixed Network Numbers	TAC
11	4x (300x / 301x / 302x)	Network Number for PNETS	OAC
12	4x (305x / 306x / 307x / 308x)	Network Number for PNETS (for IDD type of service)	LAC
13	4x (800x)	Network Number for Freephone Services	OAC
14	4x (8x (non 800x))	Network Number for Personal Number	TAC
15	4x (900x)	Network Number for Information Services	OAC (Remark 2)
16	7x (MP)	Manual Paging (Remark 1)	TAC
17	7x (AP)	Auto Paging (Remark 1)	OAC
18	800x	Freephone Services	OAC

19	8x (non 800x)	Personal Number	TAC
20	900x	Information Services	OAC (Remark 2)

Notes:

OAC: Originating Access Charge

TAC: Terminating Access Charge

LAC: Local Access Charge

Remarks:

1. Refer to the CA's Numbering Plan for exact number prefix.
2. Excluding Information Service Usage Charge payable by the Call Originating Party to the Information Service Provider Connected Party. Conveyance of chargeable Information Services calls subject to separate commercial agreement between both Parties.

- 2.2 Local Interconnection Charge applicable to Agreed Traffic between Network and fixed Network fixed

The interconnection usage charges for origination/termination of local voice traffic between the Parties shall be as follows:

PSTN	Charge rate
<i>Originating Access Charge / Terminating Access Charge</i>	
Per call occupancy minute	HK1.4 cents
Per call attempt	HK2.5 cents

- 2.3 Local Access Charge (LAC) applicable to Agreed Traffic between Network and fixed Network fixed

The interconnection usage charges for the delivery of the traffic of external telecommunications services (ETS) between the Parties shall be as follows:

	Charge rate
<i>Outgoing via transit</i>	
Per call occupancy minute	HK10.6 cents
<i>Incoming via transit</i>	
Per call occupancy minute	HK10.6 cents

The hosting network operator of the ETS operator is obliged to pay LAC to the originating/terminating fixed network operator / mobile network operator for the ETS traffic.

## SCHEDULE 4

### BILLING AND SETTLEMENT PROCEDURES

#### 1. BILLING PRINCIPLE

Service charges for a call which begins at or after 00:00:00 of the first day of the calendar month will be included in the statement issued for that month. Service charge for a call that begins in one calendar month and completes in the following calendar month will be included in the statement for the first month.

#### 2. ISSUE OF STATEMENTS

##### Issue of Statements

2.1 Within thirty (30) calendar days after the expiration of each calendar month, or as soon as practicable thereafter, the Party to be paid the invoiced amount ("Recipient Party") will provide to the Party who must pay the invoiced amount ("Payment Party") a statement containing:

- (a) the amount due to be paid by the Payment Party to the Recipient Party for the services provided in that month; and
- (b) billing information for services provided in that month including the description, unit rate, number of calls and number of minutes.

The Recipient Party must provide the Payment Party on a timely basis with all information reasonably required by the Payment Party to verify rates and charges to be billed by the Recipient Party to the Payment Party.

##### Accuracy of Statements

2.2 In any dispute in relation to billing and settlement a statement shall be presumed to be correct until the contrary is proved.

##### Correcting Errors in Statements

2.3 If after issuing the statement the Recipient Party identifies an error in the statement that involves invoicing the Payment Party for an amount less than the correct amount, the Recipient Party may issue a separate statement for the difference between the correct and incorrect amount of charges set out in the statements.

2.4 If the statement was issued for an amount less than the correct amount as a result of:

- (a) incorrect information, data or signalling, being provided by the Payment Party; or
- (b) any failure of the Payment Party to comply with this Agreement;

it may issue a separate Statement for the difference and overdue interest at the rate set out in section 3.3 shall be applicable to such amount as if it were set out in the original statement.

##### Non-Availability of Recipient Party's Billing System

2.5 If the Recipient Party's billing system is not available or fails to operate to allow the Recipient Party to generate a statement at the relevant time:

- (a) the Recipient Party may generate a provisional statement based on the traffic measured for the immediately preceding month for which data is available. If there is a reported dispute in respect of the statement for such immediately preceding month, the provisional statement must be adjusted according to the result of the dispute resolution of that previous statement;
- (b) the Recipient Party will notify the Payment Party of the system non-availability or failure and state that the statement is provisional;
- (c) all procedures relating to payment and overdue interest payable under section 3.3 are applicable to such a provisional statement as if it were a statement issued in the normal course; and
- (d) when the Recipient Party's system is again fully operational, the Recipient Party must process the records for the period during which the system was not available; and
  - (i) if there is any difference between the provisional statement and the actual amount calculated after reprocessing, the Recipient Party will adjust the invoiced amount accordingly;
  - (ii) if this reconciliation shows that there has been an overpayment, the Recipient Party must within fifteen (15) Business Days pay the overpaid amount plus overdue interest at the rate set out in section 3.3 to the Payment Party; and
  - (iii) if this reconciliation shows that there has been an underpayment, the Payment Party must pay the underpaid amount plus overdue interest at the rate set out in section 3.3 to the Recipient Party within fifteen (15) Business Days.

If the re-processing and the issue of a revised statement cannot be completed within three (3) calendar months from the issue date of the provisional statement, the Parties will negotiate in good faith to finalise the amount payable in respect to the period covered by the provisional statement.

### **3. PAYMENT**

#### Timing of Payment

- 3.1 Subject to section 3.5, the Payment Party must pay each invoiced amount to the Recipient Party on or before the statement due date which shall be thirty (30) calendar days from the date of the statement or next working day if it is a holiday.

#### Method of Payment

- 3.2 All amounts payable by a Party must be paid in Hong Kong dollars by bank cheque to the other Party or directly by electronic transfer to a bank account which has been nominated in writing by the other Party.

#### Interest for Overdue Payment

- 3.3 If an invoiced amount is not received by the due date, the Payment Party shall be required to pay to the Recipient Party interest in respect of the overdue amount. Overdue interest will be calculated at the rate which is equal to 2% above the prime lending rate of The Hongkong and Shanghai Banking Corporation Limited as current from time to time. Interest will accrue daily on all outstanding amounts (including accrued overdue interest) from the due date until payment in full is received by Recipient Party. Overdue interests are due immediately.

- 3.4 Any amount overpaid by the Payment Party shall be refunded promptly upon discovery of the overpayment.

#### Withholding Disputed Amounts

- 3.5 If the Payment Party disputes in good faith the statement, it must pay that portion of the invoiced amount which is not disputed. Overdue interest at the rate set out in section 3.3 will accrue in respect of the non-disputed portion if it is not paid by the invoice due date. The disputed portion is not payable pending resolution of the dispute provided that the Payment Party complies with the terms set out in section 4.

### **4. DISPUTE RESOLUTION**

#### Notification of Dispute

- 4.1 If the Payment Party disputes in good faith a statement and the amount in dispute is more than the tolerance limit stated in section 5, it must on or before the due date of the statement notify the Recipient Party in writing specifying:

- (a) the statement in dispute;
- (b) the amount in dispute;
- (c) the reasons for dispute;
- (d) supporting documentation as appropriate.

- 4.2 Any dispute raised after the statement due date or which does not contain all of the information set out in section 4.1 will not be considered a disputed item and the invoiced amount must be settled in by the due date.

- 4.3 If the Payment Party's system fails or is not available, the Payment Party must notify the Recipient Party of such failure and the dispute notification period referred to under section 4.1 will be extended by the lesser of:

- (a) the length of the system failure or non-availability; or
- (b) thirty (30) calendar days.

- 4.4 In the event of a failure or non-availability of the Payment Party's system, the Payment Party must pay the invoiced amount in full pending resolution of the system failure or non-availability and any resulting dispute. Following resolution, the Recipient Party must refund excess amount of payment (if any and without interest) to the Payment Party within fifteen (15) Business Days of the resolution date.

#### Dispute Investigation

- 4.5 Where a dispute relates to measuring devices and billing systems the Parties must use their best endeavours:

- (a) to investigate and resolve the dispute by establishing and undertaking joint testing procedures to investigate whether there is substantial discrepancy between the measuring devices and billing systems operated respectively by the Parties;
- (b) to conclude the testing under paragraph (a) by no later than thirty (30) Business Days from the dispute notification date;

(c) to otherwise take such reasonable steps as may be necessary to resolve the dispute.

4.6 Unless otherwise agreed, a dispute is not valid in each of the following cases:

- (a) the difference between the basis of calculating the amount in dispute does not differ from the results of the joint testing by more than the tolerance limit stated in section 5 in respect of the number of minutes for which the relevant service has been provided in the month covered by the statement in dispute; or
- (b) there is no substantial error found in respect of the statement in dispute within forty (40) Business Days from the dispute notification date.

4.7 If as a result of an investigation process under section 4.5 the Parties find a material error in a statement, then if as a result of that error:

- (a) the Recipient Party has issued a statement for less than the correct amount the Payment Party must immediately pay to the Recipient Party the disputed amount and any additional amount invoiced by the Recipient Party under section 3.3;
- (b) part of the disputed amount is not payable by Payment Party it may retain that amount and any balance:
  - (i) if it remains in dispute it may be referred for resolution under section 4.11;
  - (ii) otherwise is an undisputed amount that must be within fifteen (15) Business Days paid to the Recipient Party;
- (c) an amount has been overpaid to the Recipient Party, section 3.4 shall apply.

#### Resolution

4.8 Following the dispute investigation, the Payment Party must pay the amount assessed to be payable within seven (7) Business Days from the dispute resolution date under section 4.5.

4.9 Following the dispute investigation, the Recipient Party must refund any overpaid amount received from the Payment Party within seven (7) Business Days from the dispute resolution date under section 4.5.

4.10 If the Party entitled to such payment does not receive the outstanding principal within seven (7) Business Days from the dispute resolution date, then overdue interest in respect of these amounts commencing from the original statement due date may be included in the next statement.

#### Non-settlement of Dispute

4.11 The Parties must use their reasonable efforts to promptly resolve any dispute notified under this Schedule. If the Parties are unable to resolve any dispute in relation to the accounting process which affects the amount in dispute within forty (40) Business Days after notification of the dispute, either Party may refer the matter to a suitable expert agreed between the Parties, or failing such agreement as appointed by the Chairman of Hong Kong Society of Accountants. The person appointed shall act as an expert and not an arbitrator.

4.12 The Parties must reasonably co-operate in any resolution process undertaken by the nominated expert. If, following resolution of the dispute, the Party which raised the dispute has the amount payable varied in its favour by less than 5%, that Party must pay the costs of

the dispute resolution, otherwise the Party against whom that dispute was raised must pay the costs of the dispute resolution, and those costs are to be the reasonable costs of the dispute resolution as determined by the person resolving the dispute.

**5. DATA DISCREPANCIES**

The tolerance limit for discrepancies in respect of data measured by the Parties respectively will be 1% for local calls and 5% for external calls in respect of the number of call attempts and call minutes used in the month covered by a statement. This tolerance limit will be reviewed regularly, and adjusted by written agreement between the Parties.



## SCHEDULE 5

### OPERATIONS PROVISIONS

1. Each Party is responsible for the safe and efficient operation of its Network.
2. Each Party is responsible for the operation, maintenance, management and administration of facilities on that Party's side of the POI.
3. Subject to paragraph 6 of this Schedule, neither Party may:
  - (a) take any unauthorised action materially and adversely affecting the operation of the other Party's Network;
  - (b) cause or knowingly or recklessly permit the other Party's Network to be used for or in connection with any illegal purpose;
  - (c) damage, interfere with, or cause any deterioration in the operation of the other Party's Network; or
  - (d) take any action which would materially adversely effect the operation of the Network of the other Party.
4. Each Party shall take such steps reasonably practicable to ensure the implementation of this Agreement will not endanger the health or safety of any persons including each other's employees.
5. Each Party will co-operate with the other Party in developing and implementing procedures regarding Network operation and interference and restoring call delivery services and alternative carriage of calls during the period of a major service affecting fault (as defined under paragraph 6). Each Party shall manage traffic on its Network so as to avoid disruption to the other Party's Network to the extent reasonably practicable.
6. Each Party may suspend or restrict the provision of a Service to the extent necessary provided that the Party has given to the other Party the maximum period of notice practicable in the circumstances and there are no alternatives reasonably available to it which would avoid such suspension or restriction:
  - (a) to overcome a major service affecting fault in respect of that Party's Network; or
  - (b) in such other circumstances as may be agreed by the Parties in writing acting reasonably in the circumstances in view of the respective reasonable needs of the Parties;

provided that, if possible, the Parties shall endeavour to agree in good faith on the timing of the suspension and ensure that the duration and extent of the suspension is minimised to the extent reasonably practicable in the circumstances.
7. Each Party must comply with the emergency, security, safety and supervisory practices and procedures agreed between the Parties from time to time.
8. Each Party may route calls in any particular case as it, acting reasonably, sees fit, in order to avoid or minimise the effect of a service failure or network congestion or blockage.
9. The Parties agree that they shall negotiate in good faith to agree the procedures in relation to:

- (a) suitable forecasting, ordering and provisioning procedures in relation to the provision of conveyance of Designated Communication and other interconnect services under this Agreement;
- (b) the provisioning, delivery and testing of Services not specified in this Agreement but which are agreed between the Parties to be supplied by one Party to the other Party;
- (c) the management of interconnection and other Services including:
  - (i) Network operations and maintenance (including Network failure, congestion and blockage); and
  - (ii) ensuring that the Parties' respective Networks are adequately protected from harm; and
- (d) such other parties as the Parties shall agree.

Following agreement in relation to particular procedures referred to above, each Party must comply with those procedures.