

TELECOMMUNICATIONS ORDINANCE
(Chapter 106)

FIXED CARRIER LICENCE

DATE OF ISSUE: dd mmm yyyy (replaced the Fixed Telecommunications Network Services Licence issued on 29 June 1995 and amended on 31 March 1998, 31 January 2001, 17 June 2004 and 30 October 2004)

.....
PCCW-HKT Telephone Limited
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of 40th Floor, PCCW Tower, TaiKoo Place, Quarry Bay, Hong Kong
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(the “licensee”) is licensed, subject to the following conditions set out in this licence-

- (a) to provide a public telecommunications service (the “service”), the scope of which is described in Schedule 1;
- (b) to establish and maintain a telecommunications network (the “network”) described in Schedule 2 to provide the service;
- (c) to possess and use the radiocommunications installations described in Schedule 3 to provide the service; and
- (d) to deal in, import and demonstrate, with a view to sale in the course of trade or business, such apparatus or material for radiocommunications as may be necessary to supply customers of the service.

GENERAL CONDITIONS

1. DEFINITIONS AND INTERPRETATION

- 1.1 In this licence, except as hereinafter provided or unless the context otherwise requires, words or expressions shall have the meanings assigned to them in the Telecommunications Ordinance (Cap. 106) (the “Ordinance”) and, as the case may be, the Interpretation and General Clauses Ordinance (Cap. 1). For the purposes of interpreting this licence, headings and titles shall be disregarded.
- 1.2 This licence shall not be construed as granting an exclusive right to the licensee to provide the service.
- 1.3 This licence replaces any licence or any exemption from licensing, however described, which the Authority may have granted to the licensee for providing the service.
- 1.4 The grant of this licence does not authorize the licensee to do anything which infringes any exclusive licence granted under the Ordinance or any exclusive right to operate and provide telecommunications networks, systems, installations or services granted under any other Ordinance.

2. TRANSFER

- 2.1 The licensee may, only with the prior written consent of the Authority and subject to such reasonable conditions as the Authority thinks fit, transfer this licence or any permission, right or benefit under this licence. In giving his consent the Authority will have regard to such matters as he thinks fit including but not limited to the effect which the transfer will have on market structure and the financial and technical competence and viability of the transferee.

3. INTERNATIONAL CONVENTIONS

- 3.1 The licensee shall at all times perform and observe the requirements of

the Constitution and Convention of the International Telecommunication Union and the regulations and recommendations annexed to it, as are stated to be applicable to Hong Kong, and any other international convention, agreement, protocol, understanding or the like to the extent that the instruments described in this General Condition 3.1 impose obligations on Hong Kong of which the Authority gives notice to the licensee, except to the extent that the Authority may in writing exempt the licensee from such compliance.

- 3.2 Where the Government has been consulted about or is involved in the preparation or negotiation of an international convention, agreement, protocol or understanding or the like or amendments thereto which are on the subject-matter of telecommunications or which relate to another subject-matter but which the Government anticipates could have a material impact on the provision of the service under this licence, the Government will, where practicable, provide the licensee with a reasonable opportunity to make a submission stating its views on the matter.

4. COMPLIANCE GENERALLY

- 4.1 The licensee shall comply with the Ordinance, regulations made under the Ordinance, licence conditions or any other instruments which may be issued by the Authority under the Ordinance.

5. PROVISION OF SERVICE

- 5.1 The licensee shall, subject to Schedule 1 to this licence and any special conditions of this licence relating to the provision of the service, at all times during the validity period of this licence operate, maintain and provide a good, efficient and continuous service in a manner satisfactory to the Authority. The Authority may, on application in writing by the licensee, exempt a part or parts of the service from the requirement of continuous provision.

6. CUSTOMER CHARTER

- 6.1 Unless a waiver in writing is granted by the Authority, the licensee

shall prepare a customer charter which sets out the minimum standards of service to the licensee's customers and gives guidance to the employees of the licensee in their relations and dealings with customers.

7. CONFIDENTIALITY OF CUSTOMER INFORMATION

- 7.1 The licensee shall not disclose information of a customer except with the consent of the customer, which form of consent shall be approved by the Authority, except for the prevention or detection of crime or the apprehension or prosecution of offenders or except as may be authorized by or under any law.
- 7.2 The licensee shall not use information provided by its customers or obtained in the course of provision of service to its customers other than for and in relation to the provision by the licensee of the service.

8. RECORDS AND PLANS OF NETWORK

- 8.1 The licensee shall keep records and plans (including overall network plans and cable route maps) of the telecommunications installation (including radiocommunications installation) and telecommunications nodes and exchanges, if any, provided under this licence and any other details concerning the network as may be reasonably required by the Authority, including but not limited to information from operational support systems, traffic flow information, and database information relating to the manner in which the network treats any communication (“network information”).
- 8.2 As required by the Authority, the licensee shall make the network information available, within reasonable time, to the Authority or to a person authorized in writing by the Authority for inspection for the Authority's own purposes.

9. CONTROL OF INTERFERENCE AND OBSTRUCTION

- 9.1 The licensee shall take reasonable measures to install, maintain and operate the service and the network in such a manner as not to cause

any harmful interference or physical obstruction to any lawful telecommunications service, or cause any physical obstruction to the installation, maintenance, operation, adjustment, repair, alteration, removal or replacement of the facilities of any lawful telecommunications or utility service provider.

9.2 The licensee shall take reasonable measures to ensure that the customers of the service do not cause harmful interference to lawful telecommunications services or utility services through use of the service.

9.3 The Authority may give such reasonable directions as he thinks fit to avoid harmful interference or physical obstruction referred to in General Condition 9.1. The licensee shall comply with the directions.

10. RESTRICTIONS ON ATTACHMENT TO PUBLIC BUILDINGS AND TREES

10.1 No part of the network shall be attached to any Government building except with the prior written consent of the Government Property Administrator, or to any tree on any Government land except with the prior written consent of the Director of Agriculture, Fisheries and Conservation, or the Director of Leisure and Cultural Services.

11. COMPLIANCE

11.1 If the licensee employs any person under contract for the purpose of the service, or for the installation, maintenance or operation of the network (a “contractor”), the licensee shall continue to be responsible for compliance with the conditions of this licence, and the performance thereof, by any contractor.

12. REQUIREMENTS OF RADIOCOMMUNICATIONS INSTALLATION

12.1 Each radiocommunications installation operated by or on behalf of the licensee shall be used only at the location and with emissions and at the frequencies and of the classes and characteristics specified in

Schedule 3 to this licence and with such power and aerial characteristics as are specified in that Schedule in relation to the class and characteristics of the emission in use.

12.2 The apparatus comprised in each radiocommunications installation shall at all times comply with such technical standards as may be issued by the Authority.

12.3 The apparatus comprised in a radiocommunications installation shall be of a type approved by the Authority and shall be so designed, constructed, maintained and operated that its use shall not cause any interference to any radiocommunications.

12.4 A radiocommunications installation shall be operated only by the licensee or a person authorized by the licensee. The licensee shall not allow an unauthorized person to have access to the apparatus comprised in a radiocommunications installation. The licensee shall ensure that persons operating each radiocommunications installation shall at all times observe the conditions of this licence.

12.5 The licensee shall not make a change –

- (a) to any radiocommunications installation; or
- (b) of the location of any radiocommunications installation,

without the prior written approval of the Authority.

12.6 If any telecommunications installation (including radiocommunications installation) crosses above or may fall or be blown onto any overhead power wire (including electric lighting and tramway wires) or power apparatus it shall be guarded to the reasonable satisfaction of the owner of the power wire or power apparatus concerned.

13. USE OF FREQUENCIES

13.1 The radiocommunications installation operated by or on behalf of the licensee shall only be operated on such frequencies as the Authority may assign.

14. SAFETY

- 14.1 The licensee shall take proper and adequate safety measures for the safeguarding of life and property in connection with all installations, equipment and apparatus operated or used, including safeguarding against exposure to any electrical or radiation hazard emanating from the installations, equipment or apparatus operated or used under this licence.
- 14.2 The licensee shall comply with the safety standards and specifications as may from time to time be prescribed by the Authority and any directions of the Authority in relation to any safety matter.

15. PROHIBITION OF CLAIMS AGAINST GOVERNMENT

- 15.1 The licensee shall have no claim against the Government in tort or in contract in respect of any disturbance or interruption to any part of the network due to works carried out by or on behalf of the Government which result in disturbance to the network.

16. INDEMNITY

- 16.1 The licensee shall indemnify the Government against any losses, claims, charges, expenses, actions, damages or demands which the Government incurs or which may be made against the Government as a result of or in relation to the activities of the licensee or any employee, agent or contractor of the licensee in relation to the provision of the service or the installation, maintenance and operation of the network.

17. CONTRAVENTION BEYOND LICENSEE'S CONTROL

- 17.1 The licensee shall not be liable for any breach of this licence where it is able to demonstrate, to the reasonable satisfaction of the Authority, that the breach was caused by circumstances beyond its control and that it has taken all reasonable steps open to it to rectify that breach.

- 17.2 Where the circumstances referred to in General Condition 17.1 are such that there is an outage or interruption in the service affecting a significant number of the licensee's customers for a period of more than 7 days, the licensee shall provide the Authority with a full report in writing detailing the reasons for the breach and indicating when, or if, it will be able to continue to provide the service.
- 17.3 If the Authority is, after considering a report provided under General Condition 17.2, of the reasonable belief that the licensee would be able to provide the service within a reasonable period of time despite the circumstances outlined in that report, the Authority may direct that the licensee recommence the service within such reasonable period as the Authority may in writing direct. The licensee shall comply with such direction.

18. PUBLICATION OF LICENCE

- 18.1 The licensee, or the Authority, may at their discretion make the terms and conditions of this licence, including any specific conditions, publicly available in any manner they think fit.

SPECIAL CONDITIONS

1. UNIVERSAL SERVICE OBLIGATION

- 1.1 The licensee shall provide, maintain and operate the network to the satisfaction of the Authority in such manner as to ensure that, subject to Special Conditions 1.3 and 1.4, a good, efficient and continuous **basic service** is reasonably available, subject to the Ordinance, to all persons in Hong Kong (the provision, maintenance and operation of the relevant part of the network and of the basic service together constituting the “**universal service obligation**”), provided that where the licensee is able to demonstrate, to the reasonable satisfaction of the Authority that the basic service in a specified area, or areas, is, or is capable of being met by any other fixed carrier or fixed telecommunications network service licensee and that in the circumstances it would be unreasonable or unnecessary for the licensee to be required to also provide the basic service, the Authority may, subject to such conditions as it thinks fit, including but not limited to conditions as to duration, exempt the licensee from all, or part of, the universal service obligation with respect to that area, or those areas.
- 1.2 The licensee shall supply the basic service to any person, on its usual terms and conditions, within a reasonable period of a request for basic service at the tariff as published in accordance with Special Condition 7.
- 1.3 Basic Service means, subject to the Ordinance, the provision of:
- (a) a public switched telephone service including the service connection, continued provision of connectivity, provision of a dedicated telephone number, an appropriate directory listing (except where the customer otherwise directs), a standard telephone handset without switching capacity (except where the customer elects to provide the handset), standard billing and collection services and relevant ancillary services and facilities

necessarily utilized by the licensee; and

- (b) a reasonable number of public payphones including payphones located within publicly or privately owned facilities to which the public have access, whether on a 24 hour basis or restricted to certain hours or days of the week; and
- (c) a reasonable number of public payphones, designed for ease of effective use by the hearing impaired; and
- (d) a reasonable number of public payphones, designed for access by the physically disabled, including but not limited to those persons using wheelchairs; and
- (e) operator provided directory enquiries, fault reporting, service difficulty and connection services; and
- (f) a tropical cyclone warning service; and
- (g) a thunderstorm and heavy rain warning service; and
- (h) a flood warning service; and
- (i) access to a number or numbers for emergency services; and
- (j) such other services, subject to the Ordinance, as the Authority may include.

1.4 The licensee is entitled to receive a universal service contribution to assist it in meeting its universal service obligation and the licensee shall pay a universal service contribution to any other licensee with a universal service obligation, if any.

1.5 Universal service contribution is that sum calculated in accordance with a formula adopted annually by the Authority, to ensure that the PCCW-HKT Telephone Ltd., where it has a universal service obligation, and any other licensee with such an obligation, as the case may be, receives a fair contribution from other fixed carriers, fixed

telecommunications network services licensees or other types of licensees as specified by the Authority towards the costs, net of attributable revenues, of serving customers with basic service whom would otherwise not be served because it is not economically viable to do so but who are required to be served under the universal service obligation.

- 1.6 Subject to the formula adopted by the Authority, if the external telecommunications services of the licensee, where it has a universal service obligation, are provided to other parties by the licensee on wholesale level and the external telecommunications services are then provided to customers by such other parties on retail level:
- (a) the relevant wholesale revenues of the licensee in relation to the provision of its external telecommunications services to non-associated or non-affiliated companies shall be considered as relevant revenues in the calculation of universal service contribution;
 - (b) the relevant retail revenues of the associated or affiliated companies of the licensee in relation to the provision of the licensee's external telecommunications services to customers directly connected to the licensee shall be considered as relevant revenues in the calculation of universal service contribution;
 - (c) the relevant wholesale costs of the licensee in relation to the provision of its external telecommunications services to both (i) associated or affiliated companies; and (ii) non-associated or non-affiliated companies, shall be considered as relevant costs in the calculation of universal service contribution; and
 - (d) the relevant retail costs (excluding the wholesale price received by the licensee) of the associated or affiliated companies of the licensee in relation to the provision of the licensee's external telecommunications services to customers directly connected to the licensee shall be considered as relevant costs in the calculation of universal service contribution.

- 1.7 For the purpose of Special Condition 1.6, the licensee shall provide information in relation to the provision of the licensee's external telecommunications services (including but not limited to the relevant traffic statistics, the relevant cost and revenue information as mentioned in Special Condition 1.6).
- 1.8 The licensee shall be jointly and severally liable for the acts and conducts of the affiliated or associated companies (as mentioned in Special Condition 1.6), in relation to the provision of the licensee's external telecommunications services to customers, under this licence and the Ordinance.
- 1.9 The licensee may not without the prior written consent of the Authority, which can be withheld for the purposes of General Condition 5.1, assign, transfer or otherwise dispose of more than 15% of the licensee's assets constituting the network, other than where the transfer or disposal of those assets is in the ordinary course of the licensee's maintenance, replacement or upgrading of the network.

2. PROVISION OF SERVICE

- 2.1 The licensee shall, subject to Schedule 1 and any special conditions of this licence relating to the provision of the service, provide the service on its published terms and conditions and at the tariff published in accordance with Special Condition 7 (as applicable) and at the discount notified to the Authority in accordance with Special Condition 8 (as applicable), or Special Conditions 3.4 (as applicable), on request of a customer whether or not the customer intends the service to be available for its own use or intends to utilize the service to provide a lawful telecommunications service to third parties.
- 2.2 Subject to Schedule 1 and any special conditions relating to the provision of the service, the licensee shall comply with a customer request for the service as tariffed by the licensee in accordance with Special Condition 7 where the service reasonably could be provided by the licensee to the customer at the location at which the service is requested utilizing the licensee's network in place at the time of the request.

3. REQUIREMENTS FOR INTERCONNECTION

- 3.1 The licensee shall interconnect the service and the network with the external public telecommunications network and services operated by Reach Networks Hong Kong Limited under its licence granted under the Ordinance and other fixed carriers or fixed telecommunications networks and services licensed under the Ordinance and, where directed by the Authority, other telecommunications networks and services licensed, or deemed to be licensed, or exempt from licensing under the Ordinance.
- 3.2 The licensee shall use all reasonable endeavours to ensure that interconnection is effected promptly, efficiently and on terms, conditions and at charges which are based on the licensee's reasonable relevant costs attributable to interconnection.
- 3.3 The licensee shall provide facilities and services reasonably necessary for the prompt and efficient interconnection of the service and the network with the telecommunications networks or services of the other entities referred to in Special Conditions 3.1. Such facilities and services include –
- (a) carriage services for codes, messages or signals across and between the interconnected networks;
 - (b) those necessary to establish, operate and maintain points of interconnection between the licensee's network and the networks of the other entities, including the provision of transmission capacity to connect between the licensee's network and networks of the other entities;
 - (c) billing information reasonably required to enable the other entities to bill their customers;
 - (d) facilities specified by the Authority pursuant to section 36AA of the Ordinance; and

(e) ancillary facilities and services required to support the above types of interconnection facilities and services.

3.4 Any amendment to any published tariff of the licensee for interconnection, which was in force at 1 December 2004 and continues in force, including those interconnections listed in Schedule 7, must first be approved by the Authority in writing, and

(a) the Authority shall approve every such amendment where, in the Authority's opinion the amended tariff would not be in contravention of section 7K, 7L or 7N of the Ordinance; and

(b) any such amendment shall be deemed to be approved unless the Authority notifies the licensee in writing, within 30 days after receiving the proposed amendment from the licensee, of the Authority's opinion that the amendment would contravene section 7 K, 7L or 7N of the Ordinance.

4. NUMBERING PLAN

4.1 The licensee shall conform to a numbering plan made or approved by the Authority and any directions given by the Authority in respect of the numbering plan.

4.2 The licensee shall at the request of the Authority or otherwise consult the Authority about the arrangements for the allocation and reallocation of numbers and codes within the numbering plan.

4.3 Where requested by the Authority, the licensee shall prepare and furnish to the Authority proposals for developing, adding to or replacing the numbering plan relating to the service.

4.4 The licensee shall, in such manner as the Authority may direct, facilitate the portability of numbers assigned to any customer of any fixed carrier or fixed telecommunications network service licensee so that any number so assigned may be used by that customer should it

cease to be a customer of any such entity and become a customer of any other fixed carrier or fixed telecommunications network service licensee, as the case may be.

- 4.5 Directions by the Authority under Special Condition 4.4 include reasonable directions concerning the equitable sharing of all relevant costs associated with providing portability of numbers as between the licensee, any other fixed carrier or fixed telecommunications network services licensee, and any other person.

5. ACCOUNTING PRACTICES

- 5.1 Where directed by the Authority in writing, the licensee shall implement such accounting practices as specified by the Authority. Such accounting practices are to be consistent with generally accepted accounting practices, where applicable, and may include (but are not limited to) accounting practices which allow for the identification of the costs and charges for different services or types or kinds of services.

6. REQUIREMENT TO FURNISH INFORMATION TO THE AUTHORITY

- 6.1 The licensee shall furnish to the Authority, in such manner and at such times as the Authority may request in writing, such information relating to the business run by the licensee under this licence, including financial, technical and statistical information, accounts and other records, as the Authority may reasonably require in order to perform his functions under the Ordinance and this licence. Information referred to in this condition includes but is not limited to such information as is listed in Schedule 4.
- 6.2 Subject to Special Condition 6.3 the Authority may use and disclose information to such persons as the Authority thinks fit.
- 6.3 Where the Authority proposes to disclose information obtained and the Authority considers that the disclosure would result in the release of information concerning the business or commercial or financial affairs

of a licensee which disclosure would or could reasonably be expected to adversely affect the licensee's lawful business or commercial or financial affairs, the Authority will give the licensee a reasonable opportunity to make representations on the proposed disclosure before the Authority makes a final decision whether to disclose the information.

7. PUBLICATION OF TARIFFS

7.1 The licensee shall publish and charge no more than the tariffs for the service operated under this licence. The tariffs shall include the terms, as defined under section 7F(2) of the Ordinance, for the provision of the service.

7.2 Publication of a tariff shall be effected by:

- (a) publication in the Hong Kong Government Gazette on or before the date on which the tariff becomes effective;
- (b) the Authority receiving a copy of the tariff at least one day before the date on which the tariff becomes effective;
- (c) placing a copy of the tariff in a publicly accessible part of the principal place of business and other business premises of the licensee as specified by the Authority, as well as on the website of the licensee; and
- (d) supplying a copy of the relevant details to any person who may request them, at a charge no greater than is necessary to recover the reasonable cost of making and supplying the copy.

8. NOTIFICATION OF DISCOUNTS

8.1 The licensee shall notify the Authority of any discount to its published tariffs offered for any of the services operated under this licence, other than those services listed in Schedule 6.

- 8.2 Notification of a discount shall be effected upon the Authority's receipt of a copy of the discount to a tariff, including such information prescribed in Schedule 5, at least one day before the discount becomes effective.
- 8.3 The Authority may publish any discount that the licensee notifies under Special Condition 8.1 after the discount becomes effective, if the Authority considers that it is in the public interest to do so.
- 8.4 The Authority may from time to time, in consultation with the licensee, amend Schedule 6 by adding any of the services or by removing any of them.
- 8.5 For the purposes of this Special Condition, "discount" means the amount of any payment, credit, rebate, waiver, allowance, gift, or other benefit, directed to a customer, other than:
- (a) an amount in repayment of an amount overpaid to the licensee by that customer;
 - (b) an amount in settlement of a disputed amount billed to that customer by the licensee;
 - (c) an amount payable pursuant to a service level or service quality obligation of the licensee to the customer; or
 - (d) the amount payable by a customer upon termination of service to that customer.

9. METERING ACCURACY

- 9.1 The licensee shall take all reasonable steps to ensure that any metering equipment used in connection with the service is accurate and reliable.
- 9.2 Upon the written request of the Authority, the licensee shall conduct tests on metering equipment to assess its accuracy, reliability and conformity to the technical standards, if any, specified by the Authority.

The licensee shall submit the test result to the Authority within 14 days after the date of the test or such other longer period as the Authority may determine.

9.3 The licensee shall keep such records of any metering equipment in such form as may be specified by the Authority and shall supply such records to the Authority on the written request of the Authority.

10. DIRECTORY INFORMATION AND DIRECTORY INFORMATION SERVICE

10.1 For the purposes of this Special Condition –

(a) “directory information” means information obtained by the licensee in the course of the provision of services under this licence concerning or relating to the name, address, business and telephone numbers of each of its customers; and

(b) “raw directory information” means the licensee’s directory information held in a basic format relating to all of its customers other than its customers who request that directory information about them not be disclosed.

10.2 This Special Condition applies only in respect of standard printed directories and other directory databases and services which include all of the names of a licensee’s customers listed in alphabetical order and does not apply to classified directories where customers are listed by business or trade category or to other business or specialised directories.

10.3 The licensee shall –

(a) unless otherwise agreed by the Authority, publish or arrange at least biennially for the publication of directory information in a printed or other form approved by the Authority, relating to all its customers, other than its customers who request not to be included in a directory to be published (“the printed directory”); and

- (b) establish, maintain and operate, or arrange for the establishment, maintenance or operation of a telecommunications service whereby customers may, upon request, be provided with directory information other than that of its customers who request the information not to be disclosed (“the telephonic directory service”).
- 10.4 The printed directory and the telephonic directory service provided under Special Condition 10.3 shall be made available free of charge to all of the licensee’s customers and shall be provided in a manner satisfactory to the Authority.
- 10.5 The licensee is permitted to make commercial arrangements with one or more of the other fixed carrier or fixed telecommunications network service licensees to co-operate in the provision jointly by them of either or both of the printed directory and the telephonic directory service which the licensee is required to provide under Special Condition 10.3.
- 10.6 The licensee’s printed directory shall be a unified printed directory and the licensee’s telephonic directory service shall be a unified telephonic directory service and shall utilise a unified directory database, containing directory information on all customers of all fixed carrier or fixed telecommunications network service licensees, except for those customers who request that directory information about them not be disclosed. The licensee shall provide, and regularly update, raw directory information about its customers to each other fixed carrier or fixed telecommunications network service licensee, for which the licensee will be able to impose a charge to fairly compensate it for providing the raw directory information. The licensee shall endeavour to agree with each of the other licensees on a reasonable mode of exchange and transmission format for the raw directory information.
- 10.7 Where the licensee is unable to agree with another licensee pursuant to Special Condition 10.6 on what amounts to fair compensation for provision of, or the reasonable mode of exchange and transmission

format of, raw directory information, the matter at issue may be referred by either licensee to the Authority for determination.

- 10.8 Except with the prior written approval of the Authority, the licensee shall not make use of raw directory information provided by another licensee other than for discharging its obligations under Special Condition 10.

11. EMERGENCY CALL SERVICE

- 11.1 The licensee shall provide a public emergency call service by means of which any member of the public may, at any time and without incurring any charge, by means of compatible apparatus connected to the network, communicate as quickly as practicable with the Hong Kong Police Emergency Centre or other entity as directed by the Authority to report an emergency.

12. RECORDS AND PLANS OF THE NETWORK

- 12.1 The Authority may disclose the network information in accordance with section 7I(3) of the Ordinance.
- 12.2 The licensee shall, at the reasonable request of any other licensee under the Ordinance if so authorized by the Authority, give reasonable access to its network information for the facilitation of network planning, maintenance and reconfiguration required for the purposes of Special Condition 3 and section 36AA of the Ordinance. The licensee shall be permitted to charge the requesting party so as to be fairly compensated for the reasonable relevant costs incurred in the provision of such network information.
- 12.3 Where the licensee and any other licensee that has requested access to the network information in accordance with Special Condition 12.2 are unable to agree what amounts to reasonable access (including confidentiality requirements and fair compensation for the reasonable relevant costs incurred) or a reasonable request, the matter at issue may be referred by either the licensee or the other licensee to the Authority for determination.

13. NETWORK LOCATION

- 13.1 The licensee shall obtain the consent in writing of the Director of Lands before the commencement of any installation works for its network under, in, over or upon any unleased Government land.
- 13.2 The licensee shall keep accurate records of the location of the network installed under, in, over or upon any land.
- 13.3 The licensee shall record the information referred to under Special Condition 13.2 on route plans drawn on an Ordnance Survey Map background of a scale to be determined by the licensee in consultation with the Director of Highways and the Director of Lands.
- 13.4 The licensee shall, at the request of the Director of Highways, the Director of Lands, the Authority or any person who intends to undertake works in the vicinity of the network and who is authorized to do so by the Director of Highways, the Director of Lands or the Authority, provide free of charge information about the location of the network in diagrammatic or other form. The licensee shall make trained staff available on site to indicate the location and nature of the network to the Director of Highways, the Director of Lands, the Authority or any person authorized by the Director of Highways, the Director of Lands or the Authority.
- 13.5 The licensee shall mark or otherwise identify every wire laid or telecommunications installation installed by the licensee or any contractor on its behalf throughout the course of the wire, or at the location of the installation, so as to distinguish it from any other wire or telecommunications installation laid or installed in Hong Kong.
- 13.6 The licensee shall provide, at such intervals as the Authority may determine, distinguishable surface markers of the underground position of the network.

14. CHANGES TO THE NETWORK

14.1 For the purposes of this licence, a change in the network is a material change where the implementation of the change would result in the network no longer being in compliance with any relevant technical standard which the Authority has power to issue.

14.2 The licensee shall notify the Authority of any proposals for material changes to the network and provide him with such information as the Authority reasonably requires.

14.3 The licensee shall not, without the prior consent in writing of the Authority, make any material changes which might reasonably be anticipated by the licensee to affect -

- (a) any telecommunications service or installation connected to the network;
- (b) a person producing or supplying telecommunications apparatus for connection to the network;
- (c) a licensee under the Ordinance;
- (d) a licensee under the Broadcasting Ordinance (Cap. 562); or
- (e) a customer or a consumer of goods and services provided by any person or entity,

if the change is in the opinion of the Authority likely to require modifications or replacements to, or cessation in the production or supply of any of the telecommunications apparatus involved, or if the proposed alteration would require substantial network reconfiguration or rerouting.

14.4 The licensee shall prepare and publish, after consultation with the Authority, its procedures for consulting with and giving notice to persons likely to be affected materially by changes to its network which are required to be notified in accordance with Special Condition

14.2 and any other changes required to be notified pursuant to any technical standard which the Authority has power to issue. Subject to approval of the Authority, the notification procedures to each of the classes of persons likely to be affected under Special Condition 14.3 may differ having regard to the practicality and costs of notifying them.

15. REQUIREMENTS FOR ROAD OPENING

15.1 The licensee shall co-ordinate and co-operate with any other fixed carrier or fixed telecommunications network services licensee under the Ordinance and any other authorized person in respect of road openings and shall, after being consulted by the Authority, comply with any guidelines issued by the Authority.

16. REQUIREMENTS OF INSTALLATION OF LINES OR CABLES

16.1 The network, or any part of it, if installed under, in, over or upon any public street or other unleased Government land, shall be at such depth, course, route and position as may be determined by the Director of Lands or the Director of Highways.

16.2 Without prejudice and in addition to the provisions of any law or Ordinance, in the course of providing, establishing, operating, adjusting, altering, replacing, removing or maintaining the network for the purposes of this licence, or any part of it, the licensee shall –

(a) exercise all reasonable care, and cause as little inconvenience as possible to the public and as little damage to property as possible; and

(b) make good any physical damage caused to any person having a lawful interest in the land or being lawfully thereon and reinstate the land within a reasonable time in good and workmanlike manner. When it is not practicable to make good any damage or to reinstate the land to the condition in which it existed prior to the damage, the licensee shall pay, promptly and fully, compensation for any damage caused to any person having an

interest or right in the land affected.

17. WORKS IN PUBLIC STREETS

17.1 Where in the course of installing or maintaining the network the licensee needs to open or break up any public street the licensee shall –

- (a) apply to the Director of Highways or the Director of Lands for permission to open or break up the public streets;
- (b) complete the works for which the licensee has opened or broken up the public street with all due speed and diligence, fill in the ground and remove all construction related refuse caused by its works;
- (c) maintain the site of the works in a safe manner including the fencing of the site and the installation of adequate warning lighting at night; and
- (d) reinstate the street immediately after the completion of the works to the satisfaction of the Director of Highways or the Director of Lands.

17.2 If the licensee fails, within any period specified by the Director of Highways or the Director of Lands, to observe any of the requirements of Special Condition 17.1, the Director of Highways or the Director of Lands may take action to remedy the failure. The licensee shall reimburse the Government any such sum as may be certified by the Director of Highways or the Director of Lands to be reasonable cost for executing any works under the terms of this Special Condition 17.2.

18. INTERFERENCE WITH WORKS OF OTHERS

18.1 Where in the course of installing or maintaining the network, the licensee after obtaining the approval of the Director of Highways breaks up or opens any public street it shall not remove, displace or interfere with any telecommunications line, any gas pipe or water pipe

or main or any drain or sewer or any tube, casing, duct, wire or cable for the carriage of electrical current and ancillary installations installed by any other person without that other person's consent.

- 18.2 In the case where the other person holds a licence under the Land (Miscellaneous Provisions) Ordinance (Cap. 28), any consent referred to in Special Condition 18.1 is refused, or cannot be obtained for any reason, the licensee may request the consent to proceed from the relevant authority in accordance with the terms of any licence issued to such other person under the Land (Miscellaneous Provisions) Ordinance, if any.

19. LICENSEE TO ALTER NETWORK ON NOTICE

- 19.1 The licensee shall, within such reasonable time and in such manner as may be directed by notice in writing by the Director of Highways or the Director of Lands, and at its own expense, alter the course, depth, position or mode of attachment of any apparatus forming part of the network.

- 19.2 Where the Director of Highways or the Director of Lands gives a direction under Special Condition 19.1, Special Condition 17 shall apply as if such alteration were part of the installation or maintenance of the network.

20. USE OF FREQUENCIES

- 20.1 The Authority may by notice require the licensee to cease operating the radiocommunications installations on any frequency assigned to the licensee if in the opinion of the Authority, the licensee is not making efficient use of that portion of the radio frequency spectrum.

21. PURCHASE OF ASSETS

- 21.1 If a licensee is subject to a universal service obligation specified under Special Condition 1 of this licence and the Ordinance, the Government may elect to take over the licensee's undertaking and purchase its assets if any of the following circumstances occur –

- (i) this licence expires;
- (ii) this licence is revoked;
- (iii) the licensee goes into liquidation; or
- (iv) the licensee ceases to carry on business.

Provided that if the Government elects to do so it shall give notice in writing not later than 90 days in advance of the expiry of this licence, or immediately upon revocation of this licence or within a reasonable time of the happening of the events at Special Condition 21.1 (iii) or 21.1 (iv).

- 21.2 The selling price shall be agreed between the Government and the licensee on the basis of the fair market value at the time of acquisition determined on the basis that this licence remains in force and that the network is continuing to be used for the provision of the service. If no agreement can be reached between the Government and the licensee, the matter shall be settled by arbitration in accordance with the provisions of the Arbitration Ordinance (Cap. 341).

22. CIRCUMSTANCES OUTSIDE LICENSEE'S CONTROL

- 22.1 For the avoidance of doubt, General Condition 17.1 of the licence shall apply to these special conditions and the Authority may at his discretion, and on such conditions as he thinks fit, extend any time period within which the obligations of the licensee under these special conditions may be met.

- 22.2 In exercising his discretion under Special Condition 22.1 with respect to any of the special conditions of the licence, the Authority shall take into account matters including, without limitation, whether circumstances are such that it would be unreasonable to require compliance by the licensee with the relevant special condition.

23. INSURANCE

- 23.1 Throughout the currency of this licence, the licensee shall have and

maintain a valid insurance policy with a reputable insurance company to cover its third party liabilities in respect of personal injury, death and damage to property, arising out of or in connection with the installation, maintenance and operation of the network or provision of the service. The amount of insurance shall be at least HK\$10,000,000 per occurrence or such sum as the Authority may notify in writing in future.

SCHEDULE 1

SCOPE OF THE SERVICE

1. Subject to General Condition 3 and Clause 3 of this Schedule 1, all internal and external telecommunication services between fixed points capable of being provided utilising the Network, other than telecommunication services the subject of an exclusive licence issued under the Ordinance, a Mobile Carrier Licence, a Public Radiocommunications Service Licence, a Radio Paging System Licence, a service subject to licensing under any other ordinance, or a satellite broadcasting service under a Satellite Television Uplink and Downlink Licence.

2. For the purpose of this licence,

a “fixed point” means a network termination point and shall include such area within the immediate vicinity of such a point as the Authority may direct in writing, either generally or specifically, to allow limited mobility for access to that point in such manner as the Authority may approve in writing not inconsistent with Clause 1 of this Schedule 1;

an “internal” telecommunication service means a service for communications between points within the Hong Kong Special Administrative Region; and

an “external” telecommunication service means a service for communications

(a) between one or more points in the Hong Kong Special Administrative Region and one or more points outside the Hong Kong Special Administrative Region; and

(b) between two or more points outside the Hong Kong Special Administrative Region but routed in transit via the Hong Kong

Special Administrative Region.

3. The licensee may establish and maintain an external telecommunications circuit based on an external cable network or non-cable based external network at the Hong Kong end. For the purpose of this Schedule,

“external cable network” means a network comprising a physical wireline system of overland cables or submarine cables, including without limitation the capacity under any right of use over such cables connecting one or more points in the Hong Kong Special Administrative Region and one or more points outside the Hong Kong Special Administrative Region;

“non-cable based external network” means a network based on satellite or other forms of wireless transmission connecting one or more points in the Hong Kong Special Administrative Region and one or more points outside the Hong Kong Special Administrative Region.

SCHEDULE 2

DESCRIPTION OF NETWORK

All such telecommunications installations established, maintained, possessed or used whether owned by the licensee, leased, or otherwise acquired by the licensee for the purpose of providing the public internal and external telecommunications network services specified in Schedule 1.

SCHEDULE 3
TECHNICAL PARTICULARS OF RADIO STATIONS FOR
THE PROVISION OF THE SERVICE

Location

Frequency

Class and Characteristics of Emission

Power

Aerial characteristics

SCHEDULE 4
REGULATORY ACCOUNTING AND INFORMATION PROVISION
REQUIREMENTS

1. Accounting information according to the practices as directed by the Authority under Special Condition 5 for each service provided under this licence or as specified by the Authority.
2. Costing information in respect of each service provided under this licence, or as otherwise specified by the Authority, that is sufficient for the Authority to establish a reasonable cost basis for the service, including but not limited to Long Run Average Incremental Cost on a current cost basis.

SCHEDULE 5
TERMS OF DISCOUNT TO PUBLISHED TARIFFS

1. Prices of service after discount.
2. Duration of discount.
3. Duration of offer.
4. General description of promotion plan including but not limited to eligible customers and tie-in period.
5. Conditions governing premature termination.
6. Others as specified by the Authority.

SCHEDULE 6

EXEMPTION FROM NOTIFICATION OF DISCOUNTS

1. External telecommunications services for the provision of call services (“External Call Services”), which include International Simple Resale (ISR) services for fax and data and International Virtual Private Network services (IVPN).
2. External telecommunications services for the provision of bandwidth services (“External Bandwidth Services”), which are services providing external transmission capacity, except services which may be provided by satellite circuits only for transmission on a point-to-multipoint or broadcasting basis, between the point of interconnection with the local networks in the Hong Kong Special Administrative Region (or commonly known as the ‘external gateway’ or ‘Point-of-Presence’) and the overseas destinations. External Bandwidth Services shall not include the local connectivity (domestic tails), which means a connection service between the customers’ premises and the point of interconnection with the local networks in the Hong Kong Special Administrative Region.
3. For the purpose of this schedule, an “external” telecommunications service has the same meaning as in Schedule 1.

SCHEDULE 7

INTERCONNECTION SUBJECT TO SPECIAL CONDITION 3.4

1. Interconnection between the Licensee and mobile carrier licensees, public mobile radiotelephone service licensees or personal communications services licensees.
2. Interconnection between value added services and the public switched telephone network operated by the Licensee.
3. Broadband copper local loop and exchange co-location services.
4. Internet protocol – virtual private network services (MegaLink Access and MegaLink VPN).
5. Residential cell relay services.

(Au Man-ho)
Telecommunications Authority