

APPENDIX 16

**REQUIRED MODIFICATIONS TO SCHEDULE 18
DICTIONARY**

SCHEDULE 18

DICTIONARY

Note: Unless otherwise specified in IDA’s Directed Modifications in the Explanatory Memorandum and other IDA Directed Modifications in other parts of the Direction (including Schedule 18 – Dictionary), NetLink Trust’s proposed modifications to Schedule 18 – Dictionary are approved.

SCHEDULE 18

DICTIONARY

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SCHEDULE 18

DICTIONARY

1. INTERPRETATION

1.1 A term or expression used in this ICO Agreement that starts with a capital letter and is defined in this Dictionary, has the meaning given to it in this Dictionary.

1.2 In this ICO Agreement, unless the context otherwise requires:

- (i) the singular includes the plural and vice versa;
- (ii) words which are gender neutral or gender specific include each gender;
- (iii) other parts of speech and grammatical forms of a word or phrase defined in this ICO Agreement have a corresponding meaning;
- (iv) an expression importing a natural person includes a company, partnership, joint venture, association, corporation or other body corporate and a Government Agency;
- (v) a reference to a thing (including, but not limited to, a chose-in-action or other right) includes a part of that thing;
- (vi) a reference to a clause, party, Schedule, Annex or Attachment is a reference to a clause of this ICO Agreement, and a party, schedule, Annex or Attachment to, this ICO Agreement, and a reference to this ICO Agreement includes a Schedule, Annex or Attachment to this ICO Agreement;
- (vii) a reference to a law includes a constitutional provision, treaty, decree, convention, statute, regulation, ordinance, by-law, judgment, rule of common law or equity or a rule of an applicable regulatory authority or stock exchange and is a reference to that law as amended, consolidated or replaced;
- (viii) a reference to a document includes all amendments or supplements to that document, or replacements or novations of it;
- (ix) a reference to a party to a document includes that party's successors and permitted assigns;

- (x) an agreement on the part of two or more persons binds them jointly and severally; and
- (xi) a reference to an agreement, other than this ICO Agreement, includes an undertaking, deed, agreement or legally enforceable arrangement or understanding, whether or not in writing.

1.3 Where the day on or by which something must be done is not a Business Day, that thing must be done on or by the following Business Day.

1.4 Headings are for convenience only and do not affect the interpretation of this ICO Agreement.

1.5 This ICO Agreement may not be construed adversely to a Party because that Party prepared or drafted it.

2. DEFINITIONS

The following definitions apply to words and phrases used in this ICO Agreement unless an alternative context is stated to apply:

“**Act**” means the Telecommunications Act (Cap 323);

“**API**” means Application Programming Interface, which includes specifications for routines, data structures, object classes, and protocols used to communicate between the Requesting Licensee’s OSS/BSS Systems and the NetLink Trust OpenNet-Platform;

“**Additional Mandated Services**” are Mandated Services as defined in the ICO but which are not currently being supplied to the Requesting Licensee;

“**Additional Termination Point**” means any Termination Point (excluding the First Termination Point) located in the same Non-Residential Premise or located in the vertical telecommunication riser on the same level where the Non-Residential Premise is located, as the First Termination Point for the same End-User;

DEFINITION OF “ADDRESS NOT FOUND REQUEST” – MODIFICATION REQUIRED

“**Address Not Found Request**” means a request made by the Requesting Licensee for network coverage for a premise that is currently not reflected as a “covered” site in NetLink Trust’s MSI~~made under this ICO Agreement;~~

IDA Directed Modifications: IDA is of the view that the definition of “Address Not Found Request” refers to the service request which an RL shall submit to NetLink Trust for premises which return a “address not found” message from the NetLink Trust Platform. Accordingly, IDA directs NetLink Trust to propose, for IDA’s approval, modifications to the definition of “Address Not Found Request” to clarify the above.

“**Ancillary Mandated Service**” means the Co-Location Service in Schedule 12, RL to RL Interconnection Service in Schedule 12A, Co-Location Supplementary Cooling Service in Schedule 12B, Co-Location Space and Service in New Co-Location Room in Schedule 12C and Patching Service in Schedule 13 of the ICO Agreement;

“**Annex**” means any document attached to this ICO Agreement, and is usually used to describe an attachment to a Schedule rather than an attachment to the main ICO Agreement. The words “**This Annex**” refers to the numbered Annex in which those words appear;

“**Annual Review**” means annual review of the Security Requirement as described in clause 18.8 of the main body of the ICO Agreement;

“**Arbitration**” means the procedure described in the Arbitration Rules of Singapore International Arbitration Centre (**SIAC Rules**) under Schedule 17;

“**Arbitrator**” means the arbitrator appointed pursuant to clause 7 of Schedule 16 and/or clause 6 of Schedule 17;

“**Authorised Person**” has the same meaning ascribed to it in clause 19.5 of the main body of the ICO Agreement;

“**Authority**” means the Info-communications Development Authority of Singapore (“IDA”) or its successor organisations in the administration of telecommunications policy, law and regulation in the Republic of Singapore;

“**B2B**” means Business-to-Business, which describes commercial transactions between two (2) OSS/BSS systems;

“**B2B Web Services Interface**” refers to the method of accessing the [NetLink Trust OpenNet](#) Platform using API;

“**BSS**” means Business Support Systems used by a telecommunications operator to run its business operations towards customers;

“Basic Mandated Services” means the Layer 1 Services offered in Schedules 1 to 11 of the ICO Agreement;

“Billing” means the processes specified in Schedule 16;

“Billing and Settlement Procedures” means the general billing and settlement procedures in respect of Charges as well as the procedures for the settlement of disputes as specified in Schedule 16;

“Billing Dispute” means the dispute of an invoice prepared by a Party to the other Party which is made in good faith;

“Billing Dispute Escalation Procedure” means the procedures outlined in Schedule 16, clause 7.7;

“Billing Dispute Notice” means the written notification made by a Party to the other Party in relation to a Billing Dispute according to clause 6.3 of Schedule 16;

“Billing Dispute Notification Period” means the thirty (30) Calendar Day period after the date of an invoice which is the subject of a Billing Dispute;

“Billing Dispute Resolution Procedure” means the process relating to Billing Disputes specified in clause 7 of Schedule 16;

“Billing Period” means, unless otherwise agreed in writing, the period of a calendar month commencing on the first day of a month;

“Billing Representative” means a representative of either Party appointed in accordance with clause 9 in Schedule 16;

“Billing System” means a system to issue invoices relating to Charges payable by each Party under this ICO Agreement;

“Billing Verification Information” or **“BVI”** means such information provided pursuant to the individual service Schedules by one Party to the other as is necessary to ascertain the Charges payable by each Party under this ICO Agreement;

“Breaching Party” means a Party who is in breach of any of its obligations under the ICO Agreement;

“Broadcasting Licensee” means any holder of a licence granted under the Broadcasting Act (Cap. 28) but excludes class licensees;

“**Building**” means a building or development which has an assigned six-digit postal code by Singapore Post Limited;

“**Building MDF**” means an MDF located within residential or non-residential ~~premises~~building;

“**Building MDF Room**” means a room within a building, whether provided pursuant to COPIF or otherwise, that is used to house a Building MDF and telecommunication licensees’ installation or equipment;

“**Building Reached**” means Non-Residential Buildings for which Wireline connectivity has been deployed to the Telecommunication Equipment Room (TER) or Building MDF Room;

“**Business Day**” means any day other than Saturday, Sundays or the gazetted public holidays of the Republic of Singapore;

“**Calendar Day**” means any day of the week;

“**Change Proposal**” means proposed changes to the NetLink Trust OpenNet Platform APIs raised to NetLink Trust OpenNet using the Change Proposal Form as per Annex 14D;

“**Charge(s)**” means a fee payable by a Licensee for goods or services set out or referred to in this ICO Agreement and as specified in Schedule 15 or elsewhere in the ICO Agreement, as amended from time to time;

“**Central Office**” or “**CO**” means the NetLink Trust’s OpenNet’s premise at the telephone exchanges listed in Annex 12B of Schedule 12 and Annex 12B-1 of Schedule 12C of the ICO Agreement where NetLink Trust OpenNet offer access to its infrastructure and co-location facilities under Schedule 12 of the ICO Agreement and Schedule 12C of the ICO Agreement;

“**Code**” means the NetCo Interconnection Code 2009 issued by the Authority pursuant to section 26(1) of the Act, which came into operation on [date];

“**Co-Located Equipment**” or “**Co-Location Equipment**” means multiplexes, transmission equipment, network termination units and other equipment that have been co-located by the Requesting Licensee under this ICO Agreement;

“**Co-Location Equipment Modification**” refers to any replacement, modification or rearrangement of existing Co-Location Equipment in the Co-Location Space or the installation of additional Co-Location Equipment in the Co-Location Space;

“Co-Location Equipment Installation and Maintenance Procedures” refers to the procedures as set out in Annex 12D of Schedule 12 and Annex 12D-1 of Schedule 12C;

“Co-Location Request” means a request for Co-Location made under this ICO Agreement;

“Co-Location Request Form” means the application form prescribed in Annex 12C of Schedule 12 and Annex 12C-1 of Schedule 12C;

“Co-Location Room” means the room or area in the Central Office within which the Co-Location Space is situated and provisioned under Schedule 12;

“Co-Location Service” means the services provided by [NetLink Trust](#) [OpenNet](#) under Schedule 12 and Schedule 12C of the ICO Agreement;

“Co-Location Service Request Quota” refers to the maximum number of Co-location Requests (16) [NetLink Trust](#)[OpenNet](#) shall process per week;

“Co-Location Space” means space and such facilities as may be agreed to by the Parties to be provided by [NetLink Trust](#) [OpenNet](#) at the Central Office for the installation and operation of Co-Located Equipment;

“Co-Location Supplementary Cooling Service” refers to the supplementary cooling service provided under the terms of Schedule 12B of the ICO Agreement to Requesting Licensees who are co-located at [NetLink Trust's](#) [OpenNet's](#) Central Offices;

“Co-Location Supplementary Cooling System” refers to the supplementary cooling system(s) deployed by [NetLink Trust](#) [OpenNet](#) at the Central Offices to provision the Co-Location Supplementary Cooling Service under the terms of Schedule 12B of the ICO Agreement;

“Commencement Date” refers to the date of completion of the Site Preparation Work in relation to the term of a Co-Location Service granted by [NetLink Trust](#) [OpenNet](#);

“Confidential Information” of a Party means all information know-how, ideas, concepts, technology, manufacturing processes, industrial, marketing and commercial knowledge of a confidential nature (whether in a tangible or intangible form) relating to or developed in connection with or in support of the business of that Party (and any matter concerned with or arising out of this ICO Agreement) but does not include:

- (a) information which is or becomes part of the public domain (other than through any breach of this ICO Agreement);

- (b) information rightfully received by the other Party from a Third Party without a duty of confidentiality being owed by that other Party to that Third Party, except where that other Party has knowledge that the Third Party has obtained that information either directly or indirectly as a result of a breach of any duty of confidence owed to the first mentioned Party;
- (c) information which has been independently developed by the other Party; or
- (d) information which is in the possession of, or is known to, the other Party prior to the date of this ICO Agreement, to the extent that the other Party is not bound by any existing obligation of confidentiality in respect of such information to the first mentioned Party;

“**Connection**” may refer to any one or all of the various Layer 1 Services offered in Schedules 1 to 11 of the ICO Agreement, depending on the context;

“**Connectivity Points**” mean the points where Wireline is terminated and/or cross-connected;

“**Connection Modes**” refers to the methods that a Requesting Licensee may use to connect to the [NetLink Trust OpenNet](#) Platform which includes Service Portal GUI via Public Internet secured VPN Client software or B2B Web Services Interface via Public Internet secured VPN or B2B Web Services Interface via Dedicated Leased Connection;

“**Consequential Loss**” includes without limitation:

- (a) loss of revenue;
- (b) loss of profit;
- (c) loss of anticipated savings or business;
- (d) loss of data or goodwill;
- (e) loss of value of any equipment, including software;
- (f) claims of third parties; and
- (g) costs and expenses associated with or incidental to any of the above;

“**COPIF**” means the Code of Practice for Info-communications Facilities in Building;

“**Cost-Oriented Basis**” means for the purpose of the ICO Agreement and in accordance with the RFP submission, a thirty (30) percent mark-up on NetLink Trust OpenNet staff related costs and a ten (10) percent mark-up on all other costs;

“**Customer**” for the purposes of this ICO Agreement, means, in relation to a Party, a person who is connected to the Party's Network or utilises a telecommunication service provided by that Party;

“**Customised Agreement**” means an agreement for the provision of Mandated Services on prices, terms and conditions that are different from the ICO;

“**Daily Recurring Charge**” is calculated by dividing the Monthly Recurring Charge (in respect of a one (1) month minimum contract term only) by thirty (30) and applies in respect of a one (1) month minimum contract term only;

DEFINITION OF “DAILY REQUEST” – MODIFICATION REQUIRED

~~“**Daily Request**” refers to the estimated work slots a Requesting Licensee requires for a Business Day as forecasted in the Requesting Licensee’s Demand Forecast;~~

IDA Directed Modifications: IDA refers NetLink Trust to Section 4 of the Explanatory Memorandum to this Direction, where IDA has considered it reasonable to remove the Long-Term Approach. Accordingly, IDA directs NetLink Trust to remove the definition of “Daily Request” from this Schedule 18 – Dictionary.

“**Dedicated Leased Connection**” refers to a method of connecting to the NetLink Trust OpenNet Platform as described in Annex 14B in Schedule 14 of the ICO Agreement;

DEFINITION OF “DEMAND FORECAST” – MODIFICATION REQUIRED

~~“**Demand Forecast**” means a three months forward looking forecast of the daily Request by the Requesting Licensee for the period starting three months later on 15th of every month in Schedule 1 and 2;~~

~~“**Defined Area**” is an area clearly adapted for residential use with floor-to-ceiling partition with at least one door in the case of Schedule 1;~~

~~“**Defined Area**” is an area clearly adapted for commercial use with floor-to-ceiling partition with at least one door in the case of Schedule 2;~~

IDA Directed Modifications: IDA refers NetLink Trust to Section 4 of the Explanatory Memorandum to this Direction, where IDA has considered it reasonable to remove the Long-Term Approach. Accordingly, IDA directs NetLink Trust to remove the definition of “Demand Forecast” from this Schedule 18 – Dictionary.

“**Detailed Billing Verification Information**” means the detailed information requirements for billing purposes set out in the relevant Schedules in the sections headed “Detailed Billing Verification Information”;

“**Disclosing Party**” means a Party making a disclosure of Confidential Information in the context of clause 19 of this ICO Agreement;

“**Dispute Resolution**” or “**Dispute Resolution Procedure**” refers to the procedures outlined in Schedule 17 of this ICO Agreement;

“**Distribution Point**” or “**DP**” means the intermediate point at each floor in a Building where Wirelines from the nearest MDF Room must pass or terminate, en route to the premises on that floor;

“**Duct Diversity**” means a separate fibre strand provided via a separate duct along the same path as the existing equivalent Layer 1 Service;

“**Due Date**” means the date which is thirty (30) Calendar Days after the date of an invoice;

“**eBill**” means the service of issuance of bills electronically by [NetLink Trust OpenNet](#);

“**Effective Date**” means the date on which the ICO Agreement has been executed by both Parties and submitted to the Authority in accordance with the Code;

“**Emergency Service Organisations**” means the relevant police, fire, ambulance and coastguard services and other similar organisations providing assistance to the public in emergencies;

“**End to End Testing**” refers to the tests (as stated in Appendix 1-C of Schedule 14 of the ICO Agreement) to be carried out between the Requesting Licensee and [NetLink Trust OpenNet](#) for the purpose of integrating with the [NetLink Trust OpenNet](#) Platform;

“**End-User**” means a customer who is a business or residential end user;

“**Existing Requesting Licensee**” refers to the Requesting Licensee that is providing services (directly or via its Retail Service Providers) to an End-User at the relevant material time and prior to any

Termination or Deactivation of its services to the End-User including any existing End-User's Connection;

“Existing Retail Service Provider” shall refer to a Retail Service Provider who has an existing service agreement with an End-User to provide the End-User with telecommunication services which the End-User intends to terminate;

“Expert” means a person appointed in accordance with clause 6.8 of Schedule 17;

“Express Service Activation Request Charge” means the sum payable by the Requesting Licensee at the rate specified in Schedule 15 for the provisioning of Request for express service activation of the Non-Residential End-User Connection;

“Facilities” means installation or plant used for telecommunications as defined in the Act;

“Facilities-based Operator” or **“FBO”** means the holder of a Facilities-based Operator Licence issued by the Authority under the Act;

“Fault Control Centre” or **“FCC”** means a single point of contact for the reporting and management for fault reporting and clearing;

“Fibre Distribution Frame” or **“FDF”** means ; the Facility used typically at the CO, Building MDF Room, FTTB Node and NBAP DP to terminate the end of a Wireline;

“Fibre Takeover ” refers to the process whereby an End-User, with an existing End-User Connection, subscribes for another End-User Connection from a New Gaining Requesting Licensee or NewGaining Requesting Licensee's Retail Service Provider with the intention of deactivating the End-User's existing End-User Connection and the NewGaining Requesting Licensee submits a Request to NetLink Trust ~~OpenNet~~ to -

- a) Deactivate the End-User's existing End-User Connection ; and
- b) Activate a new End-User Connection simultaneously;

“Final Distribution Point” means the final point within the Network where the Wireline terminates before the First Termination Point;

“First Termination Point” or **“1st TP”** means the network point that was the first to be installed within the premise or in the vertical telecommunication riser on the same level where the Non-Residential Premise is located;

“Forecast” means an estimate of a Party’s anticipated future requirements for a Service for a specified period, in accordance with the terms and conditions of the relevant Schedule;

“FTTB Node” means a network point located at the basement or ground floor of a building where the in-building Wireline are terminated and cross-connected. Where the building has a Building MDF Room or TER Room, the FTTB Node shall be the Building MDF Room or TER Room respectively;

~~“Gaining Requesting Licensee” shall refer to the Requesting Licensee serving the Gaining Retail Service Provider whom an End User intends to subscribe telecommunication services from;~~

~~“Gaining Retail Service Provider” shall refer to the Retail Service Provider whom an End User intends to subscribe telecommunication services from;~~

“GPON” is a point-to-multipoint (including a point-to-point) fibre to the premises network architecture in which unpowered optical splitters are used to enable a single optical fibre to serve multiple premises;

“Government Agency” or **“Governmental Agency”** means any department or statutory board operated by or accountable to a ministry or organ of state within the Republic of Singapore;

“GST” means Goods and Services Tax imposed under the Goods and Services Tax Act, (Chapter 117A) of Singapore;

“Handshake Testing” refers to the tests (as stated in Appendix 1-B of Schedule 14) to be carried out between the Requesting Licensee and NetLink Trust OpenNet for the purpose of integrating with the NetLink Trust OpenNet Platform;

~~“High-Rise Residential Building” means any Residential Building other than a Landed Residential Building;~~

~~“Home Reached” means Residential Premises for which Wireline connectivity has been deployed to the First Termination Point;~~

~~“Home Passed” means Residential Premises for which Wireline connectivity has been deployed up to the Distribution Point of each floor (for a Building containing two or more Residential Premises) or to the gatepost, where applicable, or if not, to the nearest manhole (for a Building containing one Residential Premise);~~

“Interconnection Offer” or **“ICO”** means the document submitted by NetLink Trust OpenNet and approved by IDA in accordance with the terms and conditions of the NetCo Contract, including all

Schedules, Attachments, Annexes and Appendices as amended, modified or supplemented from time to time;

“ICO Agreement” or **“this ICO Agreement”** means the agreement entered into between [NetLink Trust](#) ~~OpenNet~~ and the Requesting Licensee on the terms and conditions specified in [NetLink Trust's](#) ~~OpenNet's~~ approved ICO, which shall be in accordance with the requirements of the Code;

“ICO Review Date” means the date that the ICO, including any amendment to it, is reviewed and approved by the Authority;

“IDA” has the same meaning as **“Authority”**;

“IDA Act” means the Info-communications Development Authority of Singapore Act (Cap 137A);

“Indemnifying Party” means a Party who must indemnify and keep indemnified the Indemnified Party;

“Indemnified Party” means a Party who is kept indemnified by the Indemnifying Party;

“Intellectual Property” means all trademarks, inventions, patents, copyrights, designs, design rights, trading names (whether or not registered) and all other intellectual property rights;

“Inter-Working Group” means a committee with an equal number of appropriate representatives from each Party formed pursuant to clause 3 of Schedule 17 (Dispute Resolution);

“Invoice” means an invoice, bill or request for payment issued by a Party to the other Party in accordance with this ICO Agreement;

“Invoiced Party” refers to the Party receiving the Invoice for the service received in accordance with this ICO Agreement;

“Invoicing Party” refers to the Party issuing the Invoice for service(s) rendered in accordance with this ICO Agreement;

“ITU-T G.625D” refers to the Transmission systems and media, digital systems and networks standard number G.625D published by the Telecommunication Standardization Sector of the International Telecommunication Union;

“ITU-T G.657A” refers to the Transmission systems and media, digital systems and networks standard number G.657A published by the Telecommunication Standardization Sector of the International Telecommunication Union;

“Joint Investigation Charge” means the sum payable by the Requesting Licensee at the rate specified in Schedule 15 for a joint site meeting to investigate service quality or fault;

“Joint Investigation Meeting” means the joint site meeting requested by the Requesting Licensee to investigate service quality or fault;

“Landed Residential Building” or **“Landed Residential Premise”** means a Residential Building that is one of the following types of houses but does not include a landed dwelling-house comprised in a development that is strata subdivided or intended for or capable of strata division; (a) detached house; (b) semi-detached house; (c) terrace house;

“Layer 1 Service” means a service provided by NetLink Trust ~~OpenNet~~ to the Requesting Licensee for the use of Wireline;

“Liable Party” is as defined in Clause 14.10 of the main body of the ICO Agreement;

~~“Losing Requesting Licensee” shall refer to the Requesting Licensee serving the Losing Retail Service Provider who has an existing service agreement with an End User to provide the End User with telecommunication services which the End User intends to terminate;~~

~~“Losing Retail Service Provider” shall refer to a Retail Service Provider who has an existing service agreement with an End User to provide the End User with telecommunication services which the End User intends to terminate;~~

“Loss” means any and all losses (including but not limited to indirect or Consequential Loss and loss of profits, business and business opportunities) damages, claims, liabilities and demands and all expenses, legal and otherwise of any kind;

“Main Body” refers to the main body of this ICO Agreement;

“Mandated Services” means the Basic Mandated Services and Ancillary Mandated Services;

“Mandated Services Information” or “MSI” has the meaning given under the Code;

“Manuals” means the manuals in the Schedules of this ICO Agreement as amended or substituted from time to time with this ICO Agreement or as a result of any changes introduced and/or such other manuals as are from time to time agreed between the Licensees to constitute “Manuals” for the purposes of this ICO Agreement;

DEFINITION OF “MAXIMUM QUOTA” – MODIFICATION REQUIRED

~~“Maximum Quota” refers to the maximum number of Requests for Basic Mandated Services and Layer 1 Redundancy Services that OpenNet shall process per Business Day, excluding Requests for Residential End-User Connections and Non-Residential End-User Connections, as specified in Clause Clause 5.1 of Schedule 1 and Clause 5.2 of Schedule 2 respectively; (Note : Long-Term Approach)~~

IDA Directed Modifications: IDA refers NetLink Trust to Section 4 of the Explanatory Memorandum to this Direction, where IDA has considered it reasonable to remove the Long-Term Approach and to retain the Enhancements to Current Approach. Accordingly, IDA directs NetLink Trust to remove this definition of “Maximum Quota” from this Schedule 18 – Dictionary.

“Maximum Quota” refers to the maximum number of Requests for Basic Mandated Services and Layer 1 Redundancy Services that NetLink Trust OpenNet shall process per Business Day, excluding Requests for Non-Residential End-User Connections, as specified in Clause 5.2 of Schedule 2 respectively ~~(Note : This defined term will be removed when the Long-Term Approach is in place.);~~

“Mean Time To Recovery” or “MTTR” means the average time NetLink Trust OpenNet took to restore service for all fault incidents for all Connections acquired by the relevant Requesting Licensee under the relevant Schedule during a month, measured from the time each fault is reported by the Requesting Licensee to the time NetLink Trust OpenNet confirms that the fault is restored, excluding fault incidents where NetLink Trust OpenNet is prevented or restricted from restoring the service owing to matters that are not within NetLink Trust’s OpenNet’s control;

“Mediation” has the same context as the referral of a dispute to the Singapore Mediation Centre and in accordance with the same Mediation Rules;

“Mediation Rules” means the rules of the Singapore Mediation Centre;

“Mediator” means the mediator appointed pursuant to clause 7 of Schedule 16 and/or clause 5 of Schedule 17;

DEFINITION OF “MINIMUM COMMITMENT” – MODIFICATION REQUIRED

~~“Minimum Commitment” means Requesting Licensee’s commitment to utilise at least 90% of the Daily Request;~~

IDA Directed Modifications: IDA refers NetLink Trust to Section 4 of the Explanatory Memorandum to this Direction, where IDA has considered it reasonable to remove the Long-Term Approach. Accordingly, IDA directs

NetLink Trust to remove the definition of “Minimum Commitment” from this Schedule 18 – Dictionary.

“**Monthly Recurring Charge**” refers to the sum that the Requesting Licensee shall pay for the service on a monthly basis computed from the beginning of the month as specified in Schedule 15;

“**MTTR Rebate**” means the relevant rebate in accordance with the relevant Schedule, NetLink Trust OpenNet shall compensate the Requesting Licensee in the event NetLink Trust OpenNet fails to meet the standard MTTR for a particular month;

“**NBAP Termination Point**” or “**NBAP TP**” means the network point at the NBAP and nearest to the point of entry of that NBAP where the Wireline is terminated;

“**Negotiation Period**” means the period specified in the relevant Schedule for negotiation in relation to the provision of a Service;

“**NetCo Contract**” means the contract entered into between IDA and NetLink Trust OpenNet dated 20 October 2008 entered into pursuant to the RFP;

“**NetCo QP**” refers to Network Company Qualifying Persons who shall include persons such as a Facilities-Based Operator (FBO), a Services-Based Operator (SBO), or a Broadcasting Licensee;

“**Network**” refers to the passive infrastructure portion of the NGNBN to be implemented and operated by NetLink Trust OpenNet pursuant to the terms and conditions of the NetCO Contract;

“**Network Connectivity Tests**” refers to the tests (as stated in Appendix 1-A of Schedule 14 of the ICO Agreement) to be carried out between the Requesting Licensee and NetLink Trust OpenNet for the purpose of integrating with the NetLink Trust OpenNet Platform;

“**NetLink Trust**” means CityNet Infrastructure Management Pte Ltd (as Trustee-Manager of NetLink Trust); a company incorporated under the laws of Singapore with its registered office at 750E Chai Chee Road #07-03 Technopark@Chai Chee Singapore 469005;

“**NetLink Trust Platform**” means the operation and business support system used in the maintenance of network inventory, provisioning of services and management of faults;

“**NetLink Trust Platform APIs**” or “NetLink Trust Platform Application Programming Interface (“API”)” refers to the APIs of NetLink Trust Platform that are exposed to the Requesting Licensee’s systems allowing electronic flow through business transactions;

“NetLink Trust Public Website” refers to the NetLink Trust’s website at <http://www.netlinktrust.com> which is accessible through the world wide web;

“**New Co-Location Room**” means the room or area in the Central Office within which the Co-Location Space is situated and provisioned under Schedule 12C;

“New Requesting Licensee” refers to the Requesting Licensee who is not providing any services (directly or via its Retail Service Providers) to the End-User at the relevant material time but from whom the End-User intends to or has subscribed for services (either directly from that Requesting Licensee or via that Requesting Licensee’s Retail Service Providers) including End-User Connection for which NetLink Trust is required to connect or activate;

“New Retail Service Provider” shall refer to the Retail Service Provider whom an End-User intends to subscribe telecommunication services from;

“**NGNBN**” means Next Generation National Broadband Network;

“**NGNBN OpCo**” means such entity appointed by the Authority, including its successors and assigns, who will implement, own and operate the active portion of the NGNBN;

“**No Fault Found Charge**” refers to the sum imposed by NetLink Trust OpenNet under Schedule 15 when NetLink Trust OpenNet determines that no fault is found or the fault is not with the NetLink Trust OpenNet-Network or equipment;

“**Non-Building Address Point**” or “**NBAP**” means a location in mainland Singapore or its connected islands other than a physical address;

“**Non-Residential Building**” means a building that contains one or more Non-Residential Premises but excludes all Housing Development Board apartment blocks regardless of height;

“**Non-Residential End-User**” means a user of telecommunication service other than a Residential End-User;

“**Non-Residential End-User Connections Quota**” refers to the maximum number of Requests for Basic Mandated Services and Layer 1 Redundancy Services that NetLink Trust OpenNet shall process per Business Day, and that are associated with Non-Residential End-User Connections, as specified in Clause 5.2 of Schedule 2;

“**Non-Residential Premise**” means any premise other than a Residential Premise;

“Notice of Acceptance” means the submission of Attachment A of the Main Body of this ICO Agreement where the Requesting Licensee accept and wishes to enter into an agreement with NetLink Trust OpenNet pursuant to the prices, terms and conditions of the ICO;

“Notice Period” means the ten (10) Business Days written notice given by either Party or any other period which may be agreed between the Parties pursuant to a dispute falling under Schedule 17;

“Notification of Acceptance of ICO” refers to a confirming acceptance of the ICO Agreement given by the NetCo QP to NetLink Trust OpenNet under Part 1 of the main body of the ICO Agreement;

“NTE” means the equipment owned and installed by the Requesting Licensee at the End-User premise;

“OSS” means Operations Support Systems used by a telecommunications operator to deal with the telecommunications network itself, supporting processes such as maintaining network inventory, provisioning services, configuring network components, and managing faults;

“OSS/BSS Connection” is as defined in Clause 5.13(d) of Schedule 14 of the ICO Agreement;

“OSS/BSS Connection Equipment” means routers, switches, firewalls, servers, and other equipment used by a Requesting Licensee to connect to the NetLink Trust OpenNet Platform;

“OSS/BSS Professional Service” means the services listed under Schedule 14 of the ICO Agreement;

~~**“OpenNet”** means OpenNet Pte Ltd, a company incorporated under the laws of Singapore with its registered office at No.152 Beach Road Gateway East #31-05/08 Singapore 189721;~~

~~**“OpenNet Platform”** means the operation and business support system used in the maintenance of network inventory, provisioning of services and management of faults;~~

~~**“OpenNet Platform APIs”** or “OpenNet Platform Application Programming Interface (“API”)~~ refers to the APIs of OpenNet Platform that are exposed to the Requesting Licensee’s systems allowing electronic flow through business transactions;

~~**“OpenNet Public Website”** refers to the OpenNet’s website at <http://www.opennet.com.sg> which is accessible through the world wide web;~~

“Optical Ethernet” or **“OE”** means an ethernet network built upon the passive optical network provided by NetLink Trust OpenNet;

“**Ordering Charge**” means the charges NetLink Trust OpenNet shall levy in accordance with schedule 15 of the ICO Agreement;

“**Ordering and Provisioning Procedures**” means the various procedures for the ordering and provisioning of Services in the relevant Schedules;

“**Order Request Identifier**” or “**ORI**” means the reference number given for each valid Request received by NetLink Trust OpenNet;

“**Party**” means, depending on the context in which the term is used, either NetLink Trust OpenNet or the Requesting Licensee or such person or entity with whom NetLink Trust OpenNet has or intends to have a relationship arising from, in relation to or due to the provision of any Mandated Services;

“**Patch Cable**” means the physical optical patch cord used to connect two ports in a FDF;

“**Patching Charge**” means the sum payable by the Requesting Licensee for any patching works to be done at the rate specified in Schedule 15;

“**Patching Locations**” means the location where NetLink Trust OpenNet would offer to provide Patching Service pursuant to Schedule 13 of this ICO Agreement;

“**Patching Service**” refers to the services provided under Schedule 13 of the ICO Agreement;

“**Patching Service Activation Request**” or “**PSAR**” refers to the request for a Patching Service submitted by Requesting Licensee in accordance with Schedule 13 of this ICO Agreement;

“**Patching Service Activation Request Form**” or “**PSAR Form**” refers to the form provided in Annex 13A in Schedule 13;

“**Patching Service Deactivation Request**” or “**PSDR**” refers to the request to remove a Patching Service submitted by Requesting Licensee in accordance with Schedule 13 of this ICO Agreement;

“**Patching Service Deactivation Request Form**” or “**PSDR Form**” refers to the form provided in Annex 13B in Schedule 13;

“**Patching Service Request Quota**” refers to the maximum number of PSARs (80) that NetLink Trust OpenNet shall process per week;

“**Path Diversity**” means a separate fibre strand provided along a separate path as the existing equivalent Layer 1 Service;

“Prime Lending Rate” means, in relation to a Reference Bank on any day, the rate per annum which is the prime lending rate, for Singapore Dollars of that Reference Bank as announced by that Reference Bank from time to time, in force on such day and, for the purposes of this ICO Agreement, a change in such rate shall be effective on and from the day on which it is announced or, if such announcement provides for such change to come into effect on a later day, on and from such later day;

“Project Study” means the process by which [NetLink Trust OpenNet](#) confirms its ability to provide a Service requested by the Requesting Licensee under the applicable Schedule;

“Project Study Fee” means a Charge under Schedule 15 for the provision of a request for a Project Study;

“Proposed Requesting Licensee” refers to a Requesting Licensee which the Requesting Licensee wishes to request a RL to RL Interconnection with under Schedule 12A of the ICO Agreement;

“Provisioning SLG” refers to the Service Level Guarantee provided for the provisioning timeframes for Co-location Service under Schedule 12;

“Public Internet secured VPN” refers to an access method to connect to the [NetLink Trust OpenNet](#) Platform;

“PVC” means Polyvinyl chloride material;

“Qualifying Person” or “QP” means a NetCo QP;

“RL to RL Interconnection” means a direct connection between two Co-Location Equipments of Requesting Licensees in the same Central Office or connection via a Patch Cable between the respective [NetLink Trust OpenNet](#) FDFs connected to the Co-Location Equipments of Requesting Licensees;

“RL to RL Interconnection Request” means a request made for a RL to RL Interconnection under Schedule 12A of the ICO Agreement;

“RL to RL Interconnection Service” means the Services listed under Schedule 12A of the ICO Agreement;

“Ready for Service” or “RFS” means the date that [NetLink Trust OpenNet](#) completes the installation of the Services as notified to the Requesting Licensee in accordance with the relevant Schedules;

“Receiving Party” means a Party receiving Confidential Information from the Disclosing Party or a notice of dispute falling under Schedule 17, depending on the context;

“Redundancy Service” means service which provides redundant connection acquired in addition of an existing connection;

“Reference Banks” means the principal Singapore offices of The Development Bank of Singapore Limited, Overseas-Chinese Banking Corporation Limited and United Overseas Bank Limited;

“Related Corporation” means a company which is the Holding Company or Subsidiary of either Party or a company which shares a common Holding Company with that Party;

“Relocation” means the relocation of an existing End-User Connection for an End-User to the End-User’s new address;

“Removal” means removal of any Termination Point or any part of the Network as currently installed;

“Request” refers to any request made for any Mandated Service provided by NetLink Trust OpenNet under the ICO Agreement;

“Request Date” means the date on which NetLink Trust OpenNet receives the request for any Service;

“RFP” means Request for Proposal;

“Requesting Licensee” or **“RL”** means an FBO or SBO or Broadcasting Licensee which submits a written application to acquire Mandated Services from NetLink Trust OpenNet under this ICO Agreement;

“Requesting Licensee’s Network” means a network owned or operated by the Requesting Licensee;

“Residential Building” means a building other than a Non-Residential Building;

“Residential End-User” means a user of telecommunication service who is not engaged in commercial activity at the location where the service is provided;

“Residential Premise” means a premise designed or adapted or used for human habitation of a residential nature. In the event of any doubt as to whether a premise is of a residential nature, the classification which the Inland Revenue Authority of Singapore applies to that premise for tax purposes shall be final and conclusive;

“**Retail Service Provider**” or “**RSP**” means any person providing retail services to End-Users using the Network or other network in Singapore;

“**Sample Test Invoices**” means Invoices of bills generated for the purpose of a joint investigation of invoice discrepancies pursuant to clause 8.1 of Schedule 16;

DEFINITION OF “SAP REBATE” – MODIFICATION REQUIRED

“**SAP Rebate**” ~~is calculated by multiplying the relevant Monthly Recurring Charge by twelve (12) and dividing it by ninety (90)~~ means the amount which NetLink Trust shall compensate the Requesting Licensee when NetLink Trust fails to meet the applicable service activation period for such Request as described in the relevant Schedules;

IDA Directed Modifications: *IDA is of the view that the definition of “SAP Rebate” should explain that it is the amount which NetLink Trust shall compensate the RL when NetLink Trust fails to meet the applicable service activation period for service requests. Accordingly, IDA directs NetLink Trust to propose, for IDA’s approval, modifications to the definition of “SAP Rebate” to clarify the above.*

-“**Seasonal Slots**” refers to slots for Residential End-User Connections in excess of the Maximum Quota, that is temporary in nature and applicable only during seasonal increase in demand eg. quarterly major fairs (namely IT Show in March, PC Show in June, Comex Show in September and SITEX in November); ~~(Note: This defined term will be removed when the Long Term Approach is in place.)~~

“**Seasonal Slots Notification**” means the notification issued by NetLink Trust OpenNet to offer to the Requesting Licensee the terms and conditions of Seasonal Slots for the Requesting Licensee’s acceptance; ~~(Note: This defined term will be removed when the Long Term Approach is in place.)~~

“**Service Portal GUI**” or “**Service Portal**” means the website on the NetLink Trust OpenNet Platform found on <https://restricted.opennet.com.sg/> which shall be accessible through a web browser and Public Internet secured VPN client software;

“**Service Report Form**” or “**SRF**” means the form which is completed and duly acknowledged by the End-User upon completion of the installation of the Termination Point;

“**Schedule**” means any of the documents entitled Schedule 1 in numerical order up to and including Schedule 18 which is attached to and forms part of this ICO Agreement. The words “this Schedule” refer to the numbered Schedule in which those words appear;

“Second Termination Point” means the Termination Point that is installed after the First Termination Point and located in the same Residential Premise as the First Termination Point for the same End-User;

“Security Requirement” means the security deposit or banker’s guarantee given by the Requesting Licensee to [NetLink Trust OpenNet](#) in accordance with the main body of the ICO Agreement;

“Senior Management” means a representative who has authority to settle the dispute and who is at a higher level of management than the persons with direct responsibility of administering this ICO Agreement;

“Service” means a service provided by [NetLink Trust OpenNet](#) as described in this ICO Agreement and **Services** means any, all or combination of them as the context requires;

“Service Level Guarantees” or “SLGs” means the criteria, remedies and procedures relevant to timeframes and other standards for the supply of a Service, as set out in the relevant Schedule;

“Services Based Operator” or “SBO” means the holder of a Services-based Operator Licence issued by the Authority under the Act;

“Singapore Dollar” and “S\$” mean the currency of Singapore;

“Singapore International Arbitration Centre” or “SIAC” means the centre referred to in clause 6 of Schedule 17 which can be contacted at 32 Maxwell Road, #02-01, Maxwell Chambers, Singapore 069115, and may be contacted at Tel: (65) 6221 8833, Fax: (65) 6224 1882 or such other address or contact particulars as may be notified from time to time;

“Singapore Mediation Centre” or “SMC” means the centre situated at 1 Supreme Court Lane, Level 4, Singapore 178879, and may be contacted at Tel: (65) 6332 4366, Fax: (65) 6333 5085 or such other address or contact particulars as may be notified from time to time;

“Site Preparation Work” means any work undertaken by [NetLink Trust OpenNet](#) to permit Co-location;

“Split Ratio” means the number of Wirelines from the 1st TP that will be connected to the optical splitter at the Building MDF Room;

“Standard Operating Procedures” or “SOP” means the procedures as specified in the Annexes or Attachments to the relevant Schedules;

“Suspending Party” means the party who wish suspend this ICO Agreement or any Schedule of this ICO Agreement;

“Telecommunication Equipment Room” or “TER” means a room within a building or a standalone structure, whether provided pursuant to COPIF or otherwise, that is used to house telecommunication licensees’ installation or equipment;

“Terminating Party” means the party who wishes to terminate the ICO Agreement or any Schedule of this ICO Agreement and/or the relevant service licence;

“Termination Point” or “TP” means any network point, within a premise or in the vertical telecommunication riser on the same floor where the Non-Residential Premise is located, where the Wireline is terminated;

“Third Party” means any person or entity other than NetLink Trust ~~OpenNet~~ or the Requesting Licensee;

“Transmission Tie Cable” means an optical fibre cable used to connect the Requesting Licensee's Fibre Distribution Frame at the Co-location Space to NetLink Trust's ~~OpenNet's~~ Fibre Distribution Frame at the CO;

“Transmission Tie Cable Port” means a Transmission Tie-Cable connection point at the NetLink Trust's ~~OpenNet's~~ Fibre Distribution Frame;

“Trouble Report” means a report generated by NetLink Trust ~~OpenNet~~ whenever there is a material fault found with the NetLink Trust ~~OpenNet~~ Network or equipment which adversely affects the performance of the Network and equipment;

“VPN” means Virtual Private Network;

“Weekly Recurring Charge” is calculated by multiplying the Monthly Recurring Charge by seven (7) and dividing it by thirty (30);

“Wireline” means passive optical fibre cable deployed and owned by NetLink Trust ~~OpenNet~~; and

“Wireline Diversity” means a separate fibre strand (may be from the same fibre cable) provided via the same duct along the same path as the existing equivalent Layer 1 Service.

~~**“Work Slot Charge”** means the sum payable per work slot as specified in Schedule 15 by either—
a) the Requesting Licensee for an unused work slot; or~~

~~b) OpenNet for an unfulfilled work slot.~~