



DISCUSSION PAPER

**Proposed variations to the Licence Conditions
Rule 2011 – 2nd Round Consultation**

Issued on 06 September 2024

1 EXECUTIVE SUMMARY

The *National Information and Communications Technology Act 2009 (the Act)* at Section 55 provides for NICTA to “make rules setting out the standard terms and conditions, and any special terms and conditions, for individual licences.”

The current rules, which appear on NICTA’s website at <https://www.nicta.gov.pg/licensing/terms-conditions>, were developed in 2011 and have not been formally changed since then.

Proposed amendments to reflect sector developments were subject to two public consultations in 2023.

The first public consultation was a fast-tracked consultation, separated and conducted from the main consultation on the Rules, to consider the terms and conditions that should apply to Non-Geostationary Orbit (NGSO) satellite-based services, including Low Earth Orbit (LEO) satellite-based services.

The second public consultation concerned the remainder of the terms and conditions, mainly relating to terrestrial-based services.

As a result of the second consultation, NICTA has decided to conduct a further consultation to enable second round submissions, and comments on the submissions of other stakeholders that have been received and published. All submissions to date have been fully considered by NICTA, and, as a result, NICTA has shifted its position on a number of matters. It has, therefore, taken the opportunity of a second round to revise its proposed changes to the Rule and to seek comments on the proposals as they now stand.

The main revisions are:

- (1) to harmonise the Network Coverage Obligations for all licensees who provide Public Cellular Mobile Services, and, as a result, to dispense with separate and different terms and conditions in this respect for each of the three licensed operators concerned; and
- (2) to modify the network availability obligations in the light of the comments received in earlier submissions.

2 BACKGROUND

This public consultation concerns proposed changes to the Standard and Special Conditions of Individual Licences Rule, 2011 (“the Rules”) to reflect the changed circumstances of the PNG ICT sector since 2011.

The review has been ongoing for some time and, given the time that has elapsed since the Rules were first established, and the likelihood that the next review will be some time into the future, it is important to take care to ensure that the current review is as comprehensive and complete as possible.

The current review commenced in early 2023. NICTA determined at an early stage to separate the review into two separate public consultations.

The first public consultation fast-tracked changes that would be necessary to the Rules to recognise the specific characteristics of Non-Geostationary Orbit (NGSO) satellite networks. NGSOs include Low Earth Orbit (LEO) and Mid-Earth Orbit (MEO) satellite networks. Even though NICTA had then and has now full legal authority under the National Information and Communication Technology Act 2009 (the Act), the National Information and Communication Technology (Operator Licensing) Regulation 2010 (the Operator Licensing Regulations), and the Rules to license NGSO satellite operators as individual network operators, to do so would not be the best way to recognise the specific characteristics of the networks and services provided by these operators. NICTA preferred to consult the industry on amendments to the 2011 Rules first. This consultation commenced on 14 August 2023 and concluded on 11 September 2023. It separated from the full review of the 2011 Rules and fast-tracked in response to the widespread interest of industry stakeholders and especially potential LEO satellite service users. The Act encourages NICTA to facilitate developments in the sector and the achievement of social and economic benefits to users, and to do so with expedition.

The consultation paper and submissions can be found on NICTA’s website at <https://www.nicta.gov.pg/cp-0-29/>.

The full review of the Rules (leaving aside the proposed Schedule 3A on satellite-based services) was subject to a separate and later public consultation. This public consultation commenced on 25 October 2023 with an initial closing date for submissions on 27 November 2023. The closing date was subsequently extended to 29 December 2023 at the request of the industry.

The consultation paper and submissions can be found on NICTA’s website at <https://www.nicta.gov.pg/cp-0-33/>.

Since then NICTA has been approached by some stakeholders seeking an opportunity for stakeholders to comment on the submissions that have already been made. This is often referred to as a cross-comments or a comments-on-comment round, and can be very useful in allowing the stakeholders and the public in general to have a fuller understanding of the diversity of perspectives than might otherwise have been the case.

In the case of proposed changes to the 2011 Rules, NICTA considers that there is merit in receiving cross-comments of this kind. We have referred to this as the inviting a second round of submissions. However, NICTA has studied carefully the submissions received in December 2023, and considers that they contain a number of proposals which, either directly or with yet further

amendment, might improve the draft Rules further. Therefore the 2nd Round will enable NICTA to set out its revised draft Rules, and seek stakeholder comments on those. The proposed further variations are set out in Section 3 of this public consultation discussion paper.

3 PROPOSED RULE VARIATIONS

3.1 Introduction

The first set of rule variations were set out and discussed in the Public Consultation Discussion Paper posted on the NICTA website on 25 October 2023, (see <https://www.nicta.gov.pg/cp-0-33/>).

Stakeholders and the public in general are invited to make any further comments they wish on the submissions received by NICTA in December 2023. There is no need to repeat any of the submissions already made, since these have been considered and taken into account by NICTA.

The document at Attachment A to this public consultation discussion paper highlights the changes that have been made to the draft Rules following the completion of the first consultation in December 2023. These changes are highlighted by strikethroughs in the case of proposed deletions and in red text in the case of proposed additions or amendments. Note that Schedules 7, 8, 9 and 10, which set out the names of locations in each geographic category have been corrected and, where appropriate, re-named. We have not shown the changes in red text, and respondents are invited to review all of the locations listed and make any further submissions on them that they consider to be appropriate.

Comments of the new changes now proposed to the Rules are set out below.

3.2 Comments on specific proposed variations to the draft 2023 Rule

Reference	Description	Proposed Variation	Comment
Section 1	Name	Change of title to refer to 2024	Note also that numbering has been changed throughout
Section 5(6)	Network Coverage Obligations	Referring to schedule in which Public Cellular Mobile Service network coverage obligations now appear.	
Former Section 5(7)	Special terms and conditions for Digicel (PNG) Limited	Deleted	No longer required; covered by Public Cellular Mobile Service provisions generally
Former Section 5(8)	Special terms and conditions for Digitec Communications Limited	Deleted	No longer required; covered by Public Cellular Mobile Service provisions in other schedules
Schedule 1, Section 2(i)	PNGIXP	Changed obligation in relation to all internet traffic being routed via PNGIXP to an obligation to offer interconnection at the IXP if requested by another licensed operator.	This change is in response to comments in 1 st round submissions, about the impracticality of the previous proposal, and the heightened cybersecurity and other risks its implementation would entail.
Schedule 3, Section 2(2)	Network Coverage Obligations	New uniform approach to Network Coverage Obligations for all licences under which licensees provide Public Cellular Mobile Services.	This approach provides a uniform set of conditions and avoids any potential for claims of discrimination between licensees. In addition, the revised conditions enable all current and future licensees a reasonable opportunity to comply.
Schedules 3 and 5	Network Availability	The network availability conditions have been aligned and modified.	NICTA has accepted some of the reasons for adjustment made in 1 st round submissions.
Schedule 4: Sections 6, 7 and 8	Satellite Services	<p>This Schedule was subject to Public Consultation as Schedule 3A in 2023. Additional clauses have now been proposed based on discussions with intending new LEO satellite-based operators. They are:</p> <ul style="list-style-type: none"> • Section 6 regarding satellite network and operations; • Section 7 regarding network and service development in collaboration with other licensed PNG operators; and • Section 8 regarding international gateway services 	<p>Section 6 requires that the licensee have one or more earth stations in PNG to manage PNG traffic within a timescale, and also imposes reporting and other network management obligations. Section 7 requires Licensees who do operate public cellular mobile network and public fixed networks from their own networks to collaborate with other licensed operators to extend broadband service accessibility in PNG.</p> <p>Section 8 places certain constraints on the provision by Licensees with NEO satellite services from organising and providing international gateway services.</p>

Reference	Description	Proposed Variation	Comment
Schedule 7	Main centres of PNG	Provincial Capital centres of PNG. (All 22 Provinces)	Aligned with National Statistics Office (NSO) naming description. All the 22 provincial capitals have Point of Presence (PoP)
Schedule 8	Mid-sized centres of PNG	District centres of PNG	Aligned with NSO naming description. (All District centres excluding District centres in Schedule 7)
Schedule 9	Administrative District centres of PNG	Local Level Government (LLG) centres of PNG	Aligned with NSO naming description. (All LLG excluding Urban LLG)
Schedule 10	Small centres of PNG	Wards in LLG of PNG	Aligned with NSO naming description.
Schedule 12: Section 3	International Gateway Services	The provisions of Schedule 4, Section 8 are repeated, and sub-section 8(3) regarding security has been added.	The repetition is appropriate because the Licensees concerned are both Gateway Operators and Satellite-based.

4 INVITATION TO MAKE SUBMISSIONS

NICTA invites all stakeholders and interested members of the public to make submissions on their views in relation to the proposed variations to the 2011 Rule on Standard and Special Conditions of Individual Licences and to the draft 2024 Rule at Attachment A (changes marked) and Attachment B (changes incorporated). All stakeholders and interested members of the public are also invited, if they wish, to comment on any of the matters raised in submissions that NICTA has received in response to the earlier round. These may be found on NICTA's website at <https://www.nicta.gov.pg/cp-0-33/>.

In particular, the licenses that are directly affected by the changes are encouraged to make submissions with their comments.

NICTA does not have specific questions that submissions might address in relation to each section of the draft Rule.

Respondents are requested to identify the part of the draft Rule they are referring to in their comments, including the section or schedule and paragraph number if applicable.

Submissions should be addressed to NICTA at licenseruleconsultation@nicta.gov.pg and be received no later than **4 pm on Friday, 11 October, 2024**.

Should you require further information or clarification in relation to this consultation, please contact Mr Gibson Tito, Manager Licensing and Business Relations, NICTA on 303 3275 or via email gtito@nicta.gov.pg.

ATTACHMENT A: Draft “Standard and Special Conditions of Individual Licences Rule, 2024” with latest proposed changes in red

Note that the document that is being changed is the Standard and Special Conditions of Individual Licence Rule as proposed for the 1st round of submissions.

Standard and Special Conditions of Individual Licences Rule, 2023

1. Name of rule

(1) This rule is the *Standard and Special Conditions of Individual Licences Rule, 2023*.

1. Name of rule

(1) (This rule is the Standard and Special Conditions of Individual Licences Rule, ~~2023~~2024).

2. Preliminary

- (2) This Rule is made by NICTA pursuant to its powers and responsibilities under sections 55 and 218 of the *National Information and Communications Technology Act 2009*.
- (3) In accordance with subsection 6(1) of the *National Information and Communications Technology (Operator Licensing) Regulation 2010*, section 6 of that Regulation ceases to have effect as a consequence of this rulemaking.

3. Commencement

- (1) This Rule commences on the date on which it is notified in the National Gazette.
- (2) That date shall be the Commencement Date.

4. Interpretation

(1) In this Rule, unless the contrary intention appears:

“Act” means the *National Information and Communications Technology Act, 2009* and includes any regulations made under that Act;

“Business Telephone Number Directory” means a directory of telephone numbers that lists businesses or trade categories or is otherwise focused on commercial enterprises;

“Broadcast Coverage” means, in the case of a specified geographical area, the supply of a Broadcasting Service using terrestrial broadcasting or satellite facilities to a percentage of that specified geographic area;

“Call Drop-out Rate” means the same as the probability of unsuccessful land cellular handover” as defined in *ITU-T E.771 – Network Grade of Service Parameters and Target Values for Circuit Switched Public Land Mobile Services*;

“Certificate of Completion” means a certification given by NICTA to a licensee, in response to an application from a licensee, that the licensee has fulfilled a Network Coverage Obligation in relation to specific localities mentioned in Schedule 7, 8, 9 or 10.

“Directory Assistance” means a service:

- (a) provided to a customer of a Service Provider to help that customer find the Public Number of another customer of the same or another Service Provider; and
- (b) provided by way of an operator or an automated voice response system or some other technology;

“Failure to connect due to congestion” means the same as “probability of end-to-end blocking” as defined in *ITU-T E.771 – Network Grade of Service Parameters and Target Values for Circuit Switched Public Land Mobile Services*;

“Force Majeure Event” means:

- (a) a cyclone, storm, earthquake, volcanic eruption, tidal wave, landslide or other natural disaster; or
- (b) an act of public enemy, war (declared or undeclared), sabotage, blockage, revolution, riot, insurrection, civil commotion or any violent or threatening act; or
- (c) any other event which NICTA and a licensee agree in writing to be a Force Majeure Event for the purposes of section 6 of this Rule.

“Individual Licence” has the same meaning as in the Act but includes a licence issued under section 304 of the Act;

“National Maritime Radio Safety Service” means a service that enables ship to shore communications and that is available 24 hours a day, seven days a week.

“Network Coverage” means coverage by a Network used to provide Public Cellular Mobile Services to a generally accepted commercial standard, being the ability to make and hold, or receive and hold, a mobile phone call from 90% of the locations in the Network Coverage Area for 90% of the time;

“Network Coverage Area” means an area centred upon the town, village, or locality specified in Schedules ~~8, 9, 10 or 11~~ **7, 8, 9 or 10** in which it is generally recognised that at least 75% of the population of that town, village or locality are living;

“Network Coverage Obligation” means the obligations specified in section 2 of Schedule ~~5~~ **3** to this Rule, ~~in section 2 of Schedule 6 to this Rule, and in section 2 of Schedule 7 to this Rule, as appropriate;~~

“Network Fault Repair” means the repair of a network fault to restore service to end users of that network, or the restoration of such services by other means;

“Rule” means the Standard and Special Conditions of Individual Licences Rule, **2024**;

“Telecommunications Subscriber” means a customer of an Operator Licensee who is connected to a Network Service in Papua New Guinea;

“Terminal” means a customer equipment used by a User to access the Telecommunications Service provided by the Licensee;

“Unpublished Number” means a Public Number that is not published in any Public Number Directory or made available via any Public Number Directory Service;

“User” means a user of Telecommunications Services; and

“Working Day” means a full day that is not a Saturday, Sunday or a public holiday.

(2) Each of the following terms used in this Rule has the meaning given to it by the Act:

- Applications Licence
- Applications Licensee
- Broadcasting Service
- Communication
- Content Licence
- Content Licensee
- Declared Service
- Emergency Services Number
- Existing Licence
- Existing Licensee
- Facility
- Facility Access Service
- Facility Right
- Individual Licensee
- Interception
- ITU
- ITU-T recommendations
- National Numbering Plan
- Network
- Network Licence
- Network Licensee
- NICTA
- Regulations
- Retail customer
- Service Provider
- Succession Date

(3) Each of the following terms used in this Rule has the meaning given to it by the *National Information and Communications Technology (Operating Licensing) Regulation, 2010*:

- International Gateway
- International Gateway Service
- Public Cellular Mobile Service
- Public Cellular Service
- Space Service
- Switching Centre

5. Licence conditions

- (1) All Individual Licences, irrespective of the date on which they were issued, are subject to the standard terms and conditions specified in Schedule 1 to this Rule.
- (2) All Applications Licences that are Individual Licences are subject to the special terms and conditions specified in Schedule 2 to this Rule.

- (3) All Network Licences that are Individual Licences and issued to Licensees who own, operate or maintain a Network that provides a Public Cellular Mobile Service are subject to the special terms and conditions specified in Schedule 3 to this Rule.
- (4) All Network Licences that are Individual Licences and issued to Licensees who own, operate or maintain a Network that provides any service and based on satellite networks or network components are subject to the special terms and conditions specified in Schedules 4 and 12 to this Rule;
- (5) All Network Licences that are Individual Licences and issued to Licensees who own, operate or maintain a Network that provides a Public Fixed Network Service are subject to the special terms and conditions specified in Schedule 45 to this Rule.
- (6) The Network Licence issued to Telikom Limited is subject to the special terms and conditions specified in Schedule 5 6 to this Rule.
- (7) ~~The Network Licence issued to Digicel (PNG) Limited is subject to the special terms and conditions specified in Schedule 6 to this Rule.~~
- (8) ~~The Network Licence issued to Digitec Communications Limited is subject to the special terms and conditions specified in Schedule 7 to this Rule.~~
- (9) The Content Licences that authorise free television broadcasts or radio broadcasts are subject to the special terms and conditions specified in Schedule 12 11 to this Rule.
- (10) All Network Licences that are Individual Licences and grant a Facilities Right for an International Gateway are subject to the special terms and conditions specified in Schedule 13 12 to this Rule.

6. Force majeure

- (1) A licensee shall not be liable for a breach of a condition of its licence arising under this Rule if the licensee is able to demonstrate to the satisfaction of NICTA that:
 - (a) the breach was caused by a Force Majeure Event; and
 - (b) the licensee has taken all reasonable steps open to it to rectify the circumstances that led to the breach of a licence condition.
- (2) Any failure by a licensee to provide Network Coverage or Broadcast Coverage due to a Force Majeure Event shall be disregarded when determining whether the licence holder is providing Network Coverage or Broadcast Coverage in a particular locality for the purposes of assessing compliance with a Network Coverage Obligation provided that the licensee takes steps to reinstate or repair the affected Facilities within a reasonable time after the loss or damage occurs.

Schedule 1: Standard terms and conditions of Individual Licences

1. Application

This Schedule applies to all Individual Licences.

2. Standard obligations

(1) The licensee shall:

- (a) Pay all applicable licence fees, **including spectrum and radiocommunications fees**, and levies, when they fall due;
- (b) Comply with:
 - (i) the Act, all applicable mandatory instruments and all other applicable laws of the Independent State of Papua New Guinea;
 - (ii) Any radiocommunications licence issued to the licensee;
 - (iii) Any reference interconnection offer made by the licensee and accepted by NICTA in accordance with sections 141 and 142 of the Act; and
 - (iv) The requirements of all relevant international conventions relating to ICT, including the ITU Convention and the recommendations made under that convention, that are notified to the licensee by NICTA;
- (c) Notify NICTA within 14 days of any:
 - (i) Change in the shareholding or beneficial ownership of the licensee of more than 10% in any one year or more than 25% as from the date of issue of the licence;
 - (ii) Joint ventures or consortia which the licensee enters into with any other Individual Licensee after the grant of the licence;
 - (iii) Restructuring or rationalisation of the licensee's corporate structure material to the operation of the licensee; and
 - (iv) Any change of the particulars of the licensee lodged with NICTA;
- (d) Notify NICTA before any:
 - (i) transfer of shares which would result in the direct or indirect ownership of more than one quarter of the issued voting share capital of the licensee changing hands; and
 - (ii) change in the ownership of the licensee's issued voting share capital that would result in change to the composition of more than one quarter of the licensee's board of directors;
- (e) Take all proper and adequate safety measures to safeguard life or property in respect of all apparatus, equipment and installations possess, operated, maintained or used under the licence, including exposure to any electrical emission or radiation emanating from the apparatus, equipment or installation so used;
- (f) Take all reasonable steps to ensure that the charging mechanisms used in connection with any of its facilities or services are accurate and reliable in all material aspects;
- (g) Indemnify NICTA against any claims or proceedings arising from any breaches or failings on the part of the licensee;

- (h) Advise NICTA at the earliest practicable time of any force majeure event that prevents the licensee from complying with all or any of its licence obligations, to the extent that the effects of such an event cannot be ameliorated or reduced in their impact by any action within the reasonable control or capacity of the licensee, and which will be used by the licensee as a reason for NICTA to excuse the non-compliance in whole or in part;
- (i) Interconnect ~~Connect~~ all internet traffic with any other licensee ~~on services provided by the licensee~~ through the PNG Neutral Internet Exchange **Point if requested to do so by that other licensee;**
- (j) Comply at all times with emergency service provision arrangements currently in force, including, but not limited to, the mandatory provision of direct access by end-users, free of charge, to emergency call services and auxiliary arrangements for emergency call handling;
- (k) Comply at all times with protection of communications requirements currently in force, including, but not limited to:
- the protection of the confidentiality information that relates to content of communications;
 - the identity and personal details of user of the licensee's services; and
 - the protection of community values and standards of decency and civility in relation to online content.
- (l) Comply with requirements to protect the national interest and to ensure security in the operation of the licensee's networks and the provision of services, including, but not limited to, taking all reasonable measures to prevent their networks and services from being used to commit criminal offences, giving law enforcement agencies such help as reasonably necessary for the purposes of safeguarding national security, protecting public revenue, and enforcing the criminal law;
- (m) Maintain lawful interception capability in relation to the licensee's network and services, and lodge annual Interception Capability Plans as required; and
- (n) Comply with Defence requirements and current disaster plans, including, but not limited to, supplying carriage and other services for defence purposes or for the management of natural disasters.

Schedule 2: Special terms and conditions of Applications Licences

1. Application

- (1) This Schedule applies to all Applications Licences that are Individual Licences.

2. Emergency call access

- (1) This section applies if the licensee supplies a voice telephony service to the public.
- (2) The licensee must provide access to an emergency call service that enables subscribers to, and users of, its voice telephony services to dial an Emergency Service Number and have a call connected, free of charge, to an appropriate emergency service organisation or other relevant body.

3. Internet and online content

- (1) This section applies if the licensee supplies access to the internet and to online content.
- (2) The licensee must comply with regulations that are currently in force for the protection of community values and standards of decency and civility.
- (3) In addition to compliance with regulations set out in sub-clause (2), the licensee must comply with directions or orders formally given in writing by NICTA to take down or block access to internet websites or other online content that infringes any regulations that are currently in force relating to such matters.

Schedule 3: Special Terms and Conditions for Network Licensees who provide Public Cellular Mobile Services

1. Application

- (1) This Schedule applies to all Network Licences that:
 - (a) are Individual Licences; and
 - (b) own, operate or maintain a Network; and
 - (c) use that Network to supply a Public Cellular Mobile Service.

2. Mandatory coverage obligations

- (1) The licensee must fulfil relevant Network Coverage Obligations.
- (2) **The licensee must –**
 - (a) **from the Commencement Date, provide and maintain until the expiry of its licence Network Coverage in all of the provincial capital centres ~~main-centres~~ specified in Schedule 7 and in all of the district ~~mid-sized~~ centres specified in Schedule 8;**
 - (b) **from the date that is the later of the Commencement Date and the date that is one year from the date of issue of its licence, provide and maintain until the expiry of its licence Network Coverage in all of the local level government (LLG) ~~administrative-districts~~ centres specified in Schedule 9; and**
 - (c) **from the date that is the later of two years after the Commencement Date and the date that is two years from the date of issue of its licence, provide and maintain until the expiry of its licence Network Coverage in at least 80% of the Wards in LLG ~~small-centres~~ specified in Schedule 10.**
- (3) It is accepted that Network Coverage may not be possible in a small number of locations within a Network Coverage Area due to terrain limitations (black spots). Such locations will not be included when calculating Network Coverage.
- (4) A Network Coverage Obligation may be fulfilled through a reliance on, or the sharing of, the Facilities of another Network Licensee only if the locality to be provided with Network Coverage is a locality that is specified in either Schedule ~~409~~ or Schedule ~~4410~~. If the licensee proposes to use the Facilities of another Network Licensee in the fulfilment of a Network Coverage Obligation, the first licensee must inform NICTA of the existence and scope of, and the parties to, that arrangement. In accordance with the Act, the terms and conditions of any such sharing of facilities would be as agreed between the licensees or, if access to the particular facility is a Declared Service, pursuant to Part VI of the Act.
- (5) The licensee ~~will not be in contravention of~~ **may count as compliance** with a Network Coverage Obligation in relation to a locality specified in Schedule ~~4410~~ if, by the relevant date, it is providing Public Cellular **Mobile** Services through at least one base station within the locality for 90% of the time.
- (6) If the licensee considers it impracticable due to technical or other reasons to locate a base station Facility within or adjacent to any particular locality specified in Schedule ~~409~~ or Schedule ~~4410~~ for the purposes of fulfilling a Network Coverage Obligation in relation to that locality, the licensee may nominate to NICTA an alternative locality within the same province. If NICTA consents to the alternative location nominated by the licensee, the licensee can

satisfy its Network Coverage Obligation in relation to the first locality by providing Network Coverage in the approved alternative locality instead.

- (7) In the event that particular Facilities are subjected to repeated sabotage, vandalism or blockade which makes it impossible or unsafe for the licence holder to use and maintain those Facilities for protracted periods, the licence holder may, with NICTA's consent, close down or relocate those Facilities without being in breach of a Network Coverage Obligation.
- (8) NICTA may, upon application by the licensee, issue the licensee with a Certificate of Completion to certify that the licensee has fulfilled a particular Network Coverage Obligation. However, if the licensee is issued with a Certificate of Completion the licensee must nonetheless continue to provide Network Coverage in the areas to which that certificate relates until the relevant date specified in the Network Coverage Obligation.

3. Minimum level of Network performance

- (1) The licensee must maintain a Call Drop-Out Rate of no more than 2%.
- (2) The licensee must maintain a rate of Call Failure due to Network Congestion of no more than 2%.
- (3) The licensee must maintain a rate of Network availability of least ~~99.99~~99% in:
 - (a) the ~~provincial capital main~~ **provincial capital main centres** specified in Schedule ~~8~~7; and
 - (b) the ~~mid-sized district centres~~ specified in Schedule ~~9~~8.
- (4) The licensee must maintain a rate of Network availability of least ~~99.99~~98.00% in:
 - (a) the ~~administrative district local level government centres~~ specified in Schedules ~~4~~09; and
 - (b) the ~~wards in local level government localities~~ specified in Schedule ~~4~~10.
- (5) In assessing the licensee's compliance with these Network performance requirements, the licensee's performance will be measured over the period of a calendar year.

4. Network fault repair

- (1) The licensee must repair 95% of Network faults occurring in the ~~provincial capital main~~ **provincial capital main centres** specified in Schedule ~~8~~ 7 within 6 hours of the fault being identified by, or reported to, the licensee.
- (2) The licensee must repair 95% of Network faults occurring in the ~~district mid-sized centres~~ specified in Schedule ~~9~~ 8 within 24 hours of the fault being identified by, or reported to, the licensee.
- (3) The licensee must repair 95% of Network faults occurring in the ~~local level government administrative districts~~ specified in Schedule ~~4~~ 9 within 2 working days of the fault being identified by, or reported to, the licensee.
- (4) The licensee must repair 95% of Network faults occurring in the ~~wards in local level government small population centres~~ specified in Schedule ~~4~~ 10 within 3 working days of the fault being identified by, or reported to, the licensee.
- (5) In assessing the licensee's compliance with these fault repair timeframes, the licensee's performance will be measured over the period of a calendar year.

Schedule 3A4: Special Terms and Conditions for Network Licensees who provide Public Cellular Mobile Services and other Network Services using Low Earth Orbit Satellite Networks

1. Application

- (1) This Schedule applies to all Network Licences that:
 - (a) are Individual Licences; and
 - (b) own, operate or maintain a Network that includes access to and use of one or more Low Earth Orbit (LEO) satellite networks; and
 - (c) use that Network to supply a Public Cellular Mobile Service and/or any other kind of Public Network Service.

2. Validity of Licence and Authority to Provide Services using LEO Satellite Networks

- (1) The Licensee shall continue throughout the term of the licence:
 - (a) to comply with the eligibility requirements for an individual licence set out in Sections 48 and 56 of the Act; and
 - (b) to maintain a corporate presence in Papua New Guinea the management of which shall have full authority to represent the Licensee on all matters relating to the Network Licence and to accept full responsibility for the discharge of licence obligations and the operation of the Network, including the LEO Satellite network components of that Network.
- (2) The validity of the Licence shall cease if and when compliance with the condition in subsection (1) ceases.

3. Mandatory Coverage Obligations

- (1) The Licensee may use LEO satellite services to meet mandatory coverage obligations that apply to the Licensee pursuant to Schedule 3.
- (2) If the Licensee does not have mandatory coverage obligations pursuant to Schedule 3 then no mandatory coverage obligations shall apply to the Licensee.

4. Minimum level of Network performance

- (1) The licensee must maintain a Call Drop-Out Rate of no more than 2%.
- (2) The licensee must maintain a rate of Call Failure due to Network Congestion of no more than 2%.
- (3) The Licensee must maintain a rate of Network availability of least ~~99~~98% for all services which are delivered using LEO satellite networks or network components.
- (4) In relation to services that are not delivered using LEO satellite networks or network components, the minimum levels of Network performance in Schedule 3 shall apply.

5. Network fault repair

- (1) The Licensee must repair 90% of Network faults occurring as a result of the operation of the LEO satellite network or network component within 6 hours of the fault being identified by, or reported to, the Licensee.
- (2) On relation to other faults, not being associated with failure of the LEO satellite network or network component, the Licensee shall meet the network fault repair obligations set out in Schedule 3.
- (3) The Licensee must repair 95% of Network faults occurring in the **local level government mid-sized centres** specified in Schedule 9 within 24 hours of the fault being identified by, or reported to, the licensee.
- (4) In assessing the licensee's compliance with these fault repair timeframes, the licensee's performance will be measured over the period of a calendar year.

6. Licensee's Satellite Network and Operations

- (1) The Licensee shall commission and commence operation of one or more earth stations to be located within the territory of Papua New Guinea for the provision of services connecting its User Terminals in Papua New Guinea.
- (2) The Licensee is encouraged to comply with this condition of licence at the earliest time, but the Licensee shall comply no later than within the later of eighteen (18) months from the Commencement Date, the date of issue of its licence, and the date on which satellite services were first offered by the Licensee.
- (3) The Licensee shall use best efforts to shut down any website as may be lawfully directed by NICTA and otherwise will follow its internal blocking program.
- (4) The Licensee shall provide information on the volume of data and other traffic originating to and from PNG on a quarterly basis, in the form specified by NICTA from time to time.
- (5) The Licensee shall provide the number of Terminals sold to customers by itself and its sales outlets and agents in Papua New Guinea and the numbers of Terminals in Operation on a quarterly basis or other basis in the form specified by NICTA from time to time.
- (6) The Licensee shall ensure that unlicensed Terminals are disconnected from its network.

7. Development of Network and Services and extension of Broadband Services in collaboration with Licensed Operators in PNG

- (1) The requirements set out in sub-sections 7(2), 7(3) and 7(4) only apply to Licensees who do not also provide public cellular mobile network services and/or public fixed network services in Papua New Guinea using their own owned or controlled networks and infrastructure.
- (2) The Licensee shall enter into one or more commercial arrangements with licensed telecommunications network operators in Papua New Guinea to extend broadband telecommunications services through the provision of backhaul capacity and or "satellite to cell services" for the purposes of accelerating and expanding broadband telecommunications services throughout Papua New Guinea.
- (3) The Licensee shall report to NICTA the progress it is making with licensed operators under this condition on biannual basis from the later of the Commencement Date, the date on which it commenced to offer satellite-based services, and the date of issue of its licence.

- (4) The Licensee is encouraged to comply with this condition of licence at the earliest time, but the Licensee shall use commercially reasonable efforts to comply no later than one (1) year from the later of the Commencement Date, the date on which it commenced to offer satellite-based services, and the date of issue of its licence.

8. Scope of International Gateway Services provided by the Licensee

- (1) A Licensee may only provide International Gateway Services if it has a current Individual Gateway Network Operator Licence issued by NICTA, and the conditions in sub-sections 8(2) and 8(3) only apply if the Licensee has such a licence.
- (2) The Licensee may use its network to provide international satellite-based gateway services to Users of Terminals and between the earth stations and satellites connected to the Licensee's network.
- (3) The Licensee shall not provide international gateway services for the purpose of aggregating inbound and outbound international voice and text traffic and diverting it from the international gateway services and facilities provided within Papua New Guinea by other gateway licensees in Papua New Guinea.

Schedule 45: Special Terms and Conditions for Network Licensees who provide Public Fixed Network Services

1. Minimum level of Network performance

- (1) This section applies only to the licensee's supply of fixed voice telephony services.
- (2) To the extent that the licensee supplies fixed voice telephony services in the specified localities, the licensee must maintain a rate of Network availability of:
 - (a) at least ~~99.99~~99% in:
 - (i) the ~~provincial capital main~~ provincial capital centres specified in Schedule ~~87~~87; and
 - (ii) the ~~district mid-sized~~ district mid-sized centres specified in Schedule ~~98~~98; and
 - (b) at least ~~99.98~~98.00% in:
 - (i) the ~~local level government administrative-district~~ local level government administrative-district centres specified in Schedule ~~409~~409; and
 - (ii) the ~~wards in local level government small-centres~~ wards in local level government small-centres specified in Schedule ~~44~~44.
- (3) In assessing the licensee's compliance with these Network performance requirements, the licensee's performance will be measured over the period of a calendar year.

2. Maximum timeframes for the connection of new services

- (1) This section applies only to the licensee's supply of fixed voice telephony services.
- (2) The licensee must complete at least 95% of all requests for a new service connection with the specified maximum connection period.
- (3) The maximum connection period for a premises in:
 - (a) at which there is an existing fixed line connection that remains intact and usable is three (3) Working Days; and
 - (b) otherwise, ten (10) Working Daysassessing the licensee's compliance with this section, the licensee's performance will be measured over the period of a calendar year.

3. Maximum timeframes for repair of Network faults

- (1) This section applies only to the licensee's supply of fixed voice telephony services.
- (2) The licensee must repair at least 95% of Network faults within the specified maximum repair time.
- (3) The maximum repair period for a fault is four (4) Working Days.
- (4) In assessing the licensee's compliance with this section, the licensee's performance will be measured over the period of a calendar year.

Schedule 56: Special terms and conditions applicable to Telikom Limited

1. Application

(1) This Schedule applies to a Network Licence that:

- (a) is an Individual Licence; and
- (b) is issued to Telikom Limited.

2. Provision of a Public Number Directory Assistance Service

The licensee must provide a Telephone Number Directory Service in relation to the provision of fixed network services to all subscribers:

- (a) in the format of a manual operator service available to all subscribers on a 24 hour, 7 days a week basis;
- (b) that lists Directory Information for Fixed Network Telecommunications Subscribers of the licensee but excluding those Telecommunications Subscribers who have requested an Unpublished Number; and
- (c) is accessible via telephone by all Telecommunications Subscribers, regardless of which Network Licensee's Public Telecommunications Network the subscriber is connected to.

Schedule 6: Special terms and conditions applicable to Digicel (PNG) Limited

1. Application

- (1) This Schedule applies to a Network Licence that:
 - (a) is an Individual Licence; and
 - (b) is issued to Digicel (PNG) Limited.

2. Network Coverage Obligations

- (1) The licensee must provide the following Network Coverage in relation to:
 - (a) main centres specified in Schedule 8, from Commencement Date, 100%;
 - (b) mid-sized centres specified in Schedule 9, from Commencement Date, 100%;
 - (c) administrative district centres specified in Schedule 10; from Commencement Date, 100%;
 - (d) small centres specified in Schedule 11, from Commencement Date, 95%; and
 - (e) small centres specified in Schedule 11, from 1 January 2026. 100%
- (2) The licensee must maintain the Network Coverage at 100% from the dates set out in sub-clause (1) until the expiry of its licence.

Schedule 7: Special terms and conditions applicable to Digitec Communications Limited

1. Application

- (1) This Schedule applies to a Network Licence that:
 - (a) is an Individual Licence; and
 - (b) is issued to Digitec Communications Limited.

~~2. Network Coverage Obligations~~

- ~~(1) The licensee must maintain until the expiry of its licence Network Coverage in all of the main centres specified in Schedule 8.~~
- ~~(2) The licensee must maintain until the expiry date of its licence Network Coverage in all of the mid-sized centres specified in Schedule 9.~~
- ~~(3) The licensee must provide at least the Network Coverage in the 87 administrative district centres specified in Schedule 10 by the dates set out below:
 - (a) 60% on Commencement Day;
 - (b) 65% on 31 December 2023;
 - (c) 80% on 31 December 2024;
 - (d) 100% on 31 December 2025; and thereafter maintain that Network Coverage until the expiry of its licence.~~
- ~~(4) The licensee must provide at least the Network Coverage in the 120 localities specified in Schedule 11 by the dates set out below:
 - (e) 40% on Commencement Day;
 - (f) 55% on 31 December 2023;
 - (g) 80% on 31 December 2024;
 - (h) 95% on 31 December 2025; (e) 100% on 31 December 2026; and thereafter maintain that Network Coverage until the expiry of its licence.~~

Schedule 87: Provincial Capital centres of Papua New Guinea

Reference Number	Province	Main-Centre Provincial Capital Centres
1	National Capital District	Port Moresby
2	Morobe	Lae District
3	Western Highlands	Mount Hagen District
4	Eastern Highlands	Goroka District
5	Madang	Madang District
6	East Sepik	Wewak District
7	West New Britain	Talasea District
8	East New Britain	Kokopo District
9	Autonomous Region of Bougainville (AROB)	North Bougainville District
10	Central	Port Moresby
11	Chimbu (Simbu)	Kundiawa/Gembogl District
12	Enga	Wabag District
13	Hela	Tari-Pori District
14	Jiwaka	Anglimp-South Waghi District
15	Manus	Manus District
16	Milne Bay	Alotau District
17	New Ireland	Kavieng District
18	Northern (Oro)	Popondetta District
19	Southern Highlands	Mendi-Munihi District
20	West Sepik	Vanimo-Green District
21	Western	South Fly District
22	Gulf	Kerema District

Schedule 98: District centres of Papua New Guinea

Reference Number	Province	District centres
1	Autonomous Region of Bougainville	Central Bougainville
2		South Bougainville
3	East New Britain	Gazelle
4		Pomio
5		Rabaul
6	West New Britain	Kandrian/Gloucester
7		Nakanai
8	New Ireland	Namatanai
9	Chimbu/Simbu	Chuave
10		Gumine
11		Karimui/Nomane
12		Kerowagi
13		Sina Sina Yonggomugl
14	Eastern Highlands	Daulo
15		Henganofi
16		Kainantu
17		Lufa
18		Obura/Wonenara
19		Okapa
20		Unggai/Benna
21	Enga	Kandep
22		Kompam
23		Lagaip-Porgera
24		Porgera-Paiela
25		Wapenamanda
26	Southern Highlands	Ialibu/Pangia
27		Imbonggu
28		Kagua/Erave
29		Nipa/Kutubu
30	Hela	Komo/Magarima
31		Komo-Hulia
32		Koroba/Kopiago
33	Jiwaka	Jimi
34		North Waghi
35	Western Highlands	Dei

36		Mul/Baiyer
37		Tambul/Nebilyer
38	East Sepik	Ambunti/Drekikier
39		Angoram
40		Maprik
41		Wosera Gawi
42		Yangoru Saussia
43	Madang	Bogia
44		Middle Ramu
45		Rai Coast
46		Sumkar
47		Usino Bundi
48	West Sepik (Sandaun)	Aitape/Lumi
49		Nuku
50		Telefomin
51	Morobe	Bulolo
52		Finschafen
53		Huon
54		Kabwum
55		Markham
56		Menyamyua
57		Nawae
58		Tiwae/Siassi
59		Wau-Waria
60	Central	Abau
61		Goilala
62		Hiri-Koiari
63		Kairuku-Hiri
64		Rigo
65	Gulf	Kikori
66	Milne Bay	Esa'ala
67		Kiriwina-Goodenough
68		Samarai-Murua
69	Northern (Oro)	Ijivitari
70		Sohe
71	Western	Delta Fly
72		Middle Fly
73		North Fly
74	National Capital District	National Capital District

Schedule 109: Local Level Governments of Papua New Guinea

Ref No.	Province	District Centre	Local Level Governments (LLGs)	
1	Autonomous Region of Bougainville	Central Bougainville	Arawa Rural	
2			Wakunai Rural	
3		North Bougainville	Atols Rural	
4			Kunua Rural	
5			Nissan Rural	
6			Selau/Suir Rural	
7			Tinputz Rural	
8		South Bougainville (Buin)	Bana Rural	
9			Buin Rural	
10			Siwai Rural	
11			Torokina Rural	
12	East New Britain	Gazelle	Central Gazelle Rural	
13			Inland Baining Rural	
14			Lassul Baining Rural	
15			Livuan/Reimbur Rural	
16			Vunadidir/Toma Rural	
17			Kokopo	Bitapaka Rural
18		Duke of York Rural		
19		Raluana Rural		
20		Pomio	Central/Inland Pomio Rural	
21			East Pomio Rural	
22			Melkoi Rural	
23			Sinivit Rural	
24			West Pomio/Mamusi Rural	
25		Rabaul	Balanataman Rural	
26			Kombiu Rural	
27			Rabaul Urban	
28			Watom Island Rural	
29		Manus	Manus	Aua Wuvulu Rural
30				Balopa Rural
31				Bisikani/Soparibeu Rural
32				Lelemadih/Bupichupeu Rural
33				Los Negros Rural
34				Nali Sopat/Penabu Rural
35				Nogoherm Rural
36				Pobuma Rural

37		Pomutu/Kurti/Andra Rural	
38		Rapatona Rural	
39		Tetidu Rural	
40	West New Britain	Kandrian–Gloucester	Gasmata Rural
41			Gloucester Rural
42			Kandrain Coastal Rural
43			Kandrian Inland Rural
44			Kove/Kaliai Rural
45		Nakanai	Hoskins Rural
46			Mosa Rural
47		Talasea	Bali/Witu Rural
48			Bialla Rural
49			Talasea Rural
50	New Ireland	Kavieng	Lovongai Rural
51			Murat Rural
52			Tikana Rural
53		Namatanai	Konoagil Rural
54			Namatanai Rural
55			Matalai Rural
56			Nimamar Rural
57			Sentral Niu Ailan Rural
58			Tanir Rural
59	Chimbu/Simbu	Chuave	Chuave Rural
60			Elimbari Rural
61			Siane Rural
62		Gumine	Bomai/Gumai Rural
63			Gumine Rural
64			Mount Digne Rural
65		Karimui-Nomane	Karimui Rural
66			Nomane Rural
67			Salt Rural
68		Kerowagi	Gena/Waugla Rural
69			Upper/Lower Koronigl Rural
70			Kerowagi Urban
71			Kup Rural
72		Kundiawa	Mitnande Rural (Mt. Wilhem Rural)
73			Niglkande Rural
74	Waiye Rural		
75	Sinasina-Yonggomugl	Tabare Rural	

76			Suai Rural (Suwai)	
77			Yonggomugl Rural	
79	Eastern Highlands	Daulo	Lower Asaro Rural	
80			Upper Asaro Rural	
81			Watabung Rural	
82		Goroka	Gohuku Rural	
83			Mimanalo Rural	
84		Henganofi	Dunantina Rural	
85			Fayantina Rural	
86			Kafentina Rural	
87		Kainantu	Agarabi Rural	
88			Gadsup/Tairora Rural	
89			Kainantu Urban	
90			Kamano No.1 Rural	
91				Kamano No.2 Rural
92		Lufa	Mt. Michael Rural	
93			Unavi Rural	
94			Yagaria Rural	
95		Obura-Wonenara	Lamari Rural	
96			Yelia Rural	
97		Okapa	East Okapa Rural	
98			West Okapa Rural	
99		Ungga-Benna	Lower Benna Rural	
100	Unggai Rural			
101	Upper Bena Rural			
102	Enga	Kandep	Kandep Rural	
103			Wage Rural	
104		Kompam-Ambum	Ambum Rural	
105			Kompam Rural	
106			Wapi-Yengis Rural	
107		Laiagap/Pogera	Lagaip Rural	
108			Pilikambi Rural	
109		Porgera-Paiela	Maip Muritaka Rural	
110			Paiela/Hewa Rural	
111			Porgera Rural	
112		Wabag	Maramuni Rural	
113			Wabag Rural	
114		Wapenamanda	Tsak Rural	
115			Wapenamanda Rural	
116		Jiwaka	Anglimp-South Waghi	Anglimp Rural
117			Jimi	Jimi Rural
118				Kol Rural

119		North Waghi	North Waghi Rural
120			Nondugl Rural
121	Western Highlands	Mul-Baiyer	Baiyer Rural
122			Lumusa Rural
123			Mul Rural
124		Dei	Dei Rural (Muglamp)
125			Kotna Rural
126		Hagen	Mt Hagen Rural
127		Tambul Nebilyer	Mount Giluwe Rural
128			Nebilyer Rural
129		Hela	Komo-Magarima
130	Komo Rural		
131	Komo-Hulia		Upper Wage Rural
132			Lower Wage Rural
133	Koroba-Kopiago		Awi/Pori Rural
134			Lake Kopiago Rural
135			North Koroba Rural
136			South Koroba Rural
137	Tari-Pori		Hayapuga Rural
138			Tagali Rural
139			Tebi Rural
140	Southern Highlands		Ialibu-Pangia
141		Ialibu Urban	
142		Kewabi Rural	
143		Wiru Rural	
144		Imbonggu	Ialibu Basin Rural
145			Imbonggu Rural
146			Lower Mendi Rural
147		Kagua-Erave	Aiya Rural
148			Erave Rural
149			Kagua Rural
150			Kuare Rural
151		Mendi-Munihu	Karints Rural
152			Lai Valley Rural
153			Upper Mendi Rural
154		Nipa-Kutubu	Lake Kutubu Rural
155			Mt. Bosavi Rural
156			Nembi Plateau Rural
157			Nipa Rural
158	Poroma Rural		

159	East Sepik	Ambunti – Dreikikier	Ambunti Rural	
160			Dreikikier Rural	
161			Gawanga Rural	
162			Tunap/Hustein Rural	
163		Angoram	Angoram/Middle Sepik Rural	
164			Karawari Rural	
165			Keram Rural	
166			Marienberg Rural	
167			Yuat Rural	
168		Maprik	Albiges/Mablep Rural	
169			Bumbita/Muhian Rural	
170			Maprik/Wora Rural	
171			Yamil/Tamaui Rural	
172		Wewak	Boikin/Dagua Rural	
173			Turubu Rural	
174			Wewak Islands Rural	
175			Wewak Rural	
176		Wosera – Gawi	Burui/Kunai Rural	
177			Gawi Rural	
178			North Wosera Rural	
179			South Wosera Rural	
180		Yangoru-Saussia	East Yangoru Rural	
181			Numbor Rural	
182			Sausso Rural	
183			West Yangoru Rural	
184		Madang	Bogia	Almami Rural
185				Iabu Rural
186				Yawar Rural
187			Madang	Amberob Rural
188				Transgogol Rural
189	Middle Ramu		Arabaka Rural	
190			Josephstaal Rural	
191			Kovon Rural	
192			Simbai Rural	
193	Rai Coast		Astrolobe Bay Rural	

194			Naho Rawa Rural
195			Nayudo Rural
196			Rai Coast Rural
197		Sumkar	Karkar Rural
198			Sumgilbar Rural
199		Usino Bundi	Bundi Rural
200			Gama Rural
201			Usino Rural
202	Sandaun (West Sepik)	Aitape-Lumi	East Aitape Rural
203			East Wapei Rural
204			West Aitape Rural
205			West Wapei Rural
206		Nuku	Maimai Wanwan Rural
207			Mawase Rural
208			Palmai Rural
209			Yangkok Rural
210		Telefomin	Namea Rural
211			Oksapmin Rural
212			Telefomin Rural
213			Yapsie Rural
214		Vanimo-Green River	Amanab Rural
215			Bewani/Wutung Onei Rural
216			Green River Rural
217			Walsa Rural
218	Morobe	Bulolo	Buang Rural
219			Mumeng Rural
220			Watut Rural
221		Finschhafen	Burum Kwat Rural
222			Finschafen Urban
223			Hube Rural
224			Kotte Rural
225			Yabim Mape Rural
226		Huon	Morobe Rural
227			Salamaua Rural
228			Wampar Rural

229		Kabwum	Deyamos Rural
230			Komba Rural
231			Selepet Rural
232			Yus Rural
233		Lae	Ahi Rural
234		Markham	Onga/Waffa Rural
235			Umi/Atzera Rural
236			Wantoat/Leron Rural
237		Menyamya	Kapao Rural
238			Kome Rural
239			Nanima Kariba Rural
240			Wapi Rural
241		Nawae	Labuta Rural
242			Nabak Rural
243			Wain-Erap Rural
244		Tawae-Siassi	Sialum Rural
245			Siassi Rural
246			Wasu Rural
247		Wau-Waria	Waria Rural
248			Wau Rural
249			Wau/Bulolo Urban
250	Central	Abau	Amazon Bay Rural
251			Aroma Rural
252			Cloudy Bay Rural
253		Goilala	Guari Rural
254			Tapini Rural
255			Woitape Rural
256		Hiri-Koiari	Hiri Rural
257			Koiari Rural
258		Kairuku – Hiri	Kairuku Rural
259			Mekeo Kuni Rural
260		Rigo	Rigo Central Rural
261			Rigo Coastal Rural
262			Rigo Inland Rural
263	Gulf Province	Kerema	Central Kerema Rural

264			East Kerema Rural
265			Kaintiba Rural
266			Kotidanga Rural
267			Lakekamu Rural
268		Kikori	Baimuru Rural
269			East Kikori Rural
270			Ihu Rural
271			West Kikori Rural
272	Milne Bay	Alotau	Daga Rural
273			Huhu Rural
274			Makamaka Rural
275			Maramatana Rural
276			Suau Rural
277			Weraura Rural
278		Esa'ala	Dobu Rural
279			Duau Rural
280			West Ferguson Rural
281		Kiriwina-Goodenough	Goodenough Island Rural
282			Kiriwina Rural
283		Samarai-Murua	Bwanabwana Rural
284			Louisiade Rural
285			Murua Rural
286	Yaleyemba Rural		
287	Northern (Oro)	Ijivitari	Afore Rural
288			Safia Rural
289			Tufi Rural
290		Popondetta	Higaturu Rural
291			Oro Bay Rural
292		Sohe	Kira Rural
293			Kokoda Rural
294			Tamata Rural
295		Western Province	Delta Fly
296	Bamu Rural		
297	Gogodala Rural		
298	Middle Fly		Lake Murray Rural

299			Nomad Rural
230		North Fly	Kiunga Rural
231			Kiunga Urban
232			Ningerum Urban
233			Olsobip Rural
234			Star Mountains Rural
235		South Fly	Kiwai Rural
236			Morehead Rural
237			Oriomo-Bituri Rural
238	National Capital District	National Capital District	National Capital District

Schedule 4110: Wards in Local Level Government of Papua New Guinea

Ref. No.	Province	District	Local Level Government (LLG)	Wards	
1	Autonomous Region of Bougainville (AROB)	Central Bougainville	Arawa Rural	All of 15 Wards	
2			Wakunai Rural	All of 10 Wards	
3		North Bougainville	Atolls Rural	All of 4 Wards	
4			Buka Rural	All of 6 Wards	
5			Kunua Rural	All the Wards	
6			Nissan Rural	All of 3 Wards	
7			Selau/Suir Rural	All of 6 Wards	
8			Tinputz Rural	All of 3 Wards	
9			South Bougainville	Bana Rural	All of 8 Wards
10				Buin Rural	All of 6 Wards
11		Siwai Rural		All of 9 Wards	
12		Torokina Rural		All of 5 Wards	
13	East New Britain	Gazelle	Central Gazelle Rural	All of 20 Wards	
14			Inland Baining Rural	All of 27 Wards	
15			Lassul Baining Rural	All of 22 Wards	
16			Livuan Reimber Rural	All of 29 Wards	
17			Vunadidir/Toma Rural	All of 32 Wards	
18		Kokopo	Bitapaka Rural	All of 22 Wards	
19			Duke of York Rural	All of 21 Wards	
20			Kokopo/Vunamami Urban	All of 21 Wards	
21			Raluana Rural	All of 21 Wards	
22		Pomio	Central/Inland Pomio Rural	All of 33 Wards	
23			East Pomio Rural	All of 13 Wards	
24			Melkoi Rural	All of 19 Wards	
25			Sinivit Rural	All of 19 Wards	
26			West Pomio/Mamusi Rural	All of 34 Wards	
27		Rabaul	Balanataman Rural	All of 19 Wards	
28			Kombiu Rural	All of 13 Wards	
29			Rabaul Urban	Rabaul	
30			Watom Island Rural	All of 6 Wards	
31		Manus	Manus	Aua-Wuvulu Rural	All of 6 Wards
32				Balopa Rural	All of 9 Wards
33				Bisikani/Soparibeu Kabin Rural	All of 14 Wards

34			Lelemadih/Bupichupeu Rural	All of 17 Wards
35			Loirengau Urban	Loirengau
36			Los Negros Rural	All of 9 Wards
37			Nali Sopat/Penabu Rural	All of 18 Wards
38			Nogoherm Rural	All of 6 Wards
39			Pobuma Rural	All of 9 Wards
40			Pomutu/Kurti/Andra Rural	All of 18 Wards
41			Rapatona Rural	All of 9 Wards
42			Tetidu Rural	All of 6 Wards
43	West New Britain	Kandrian-Gloucestera	Gasmata Rural	All of 7 Wards
44			Gloucestera Rural	All of 8 Wards
45			Kandrian Coastal Rural	All of 13 Wards
46			Kandrian Inland Rural	All of 11 Wards
47			Kove/Kaliai Rural	All of 13 Wards
48		Talasea	Bali/Witu Rural	All of 7 Wards
49			Bialla Rural	All of 19 Wards
50			Kimbe Urban	Kimbe
51			Talasea Rural	All of 10 Wards
52		Nakanai	Hoskins Rural	All of 9 Wards
53			Mosa Rural	All of 9 Wards
54	New Ireland	Kavieng	Kavieng Urban	All of 4 Wards
55			Lovangai Rural	All of 19 Wards
56			Murat Rural	All of 6 Wards
57			Tikana Rural	All of 19 Wards
58		Namatanai	Konoagil Rural	All of 13 Wards
59			Namatanai Rural	All of 15 Wards
60			Matalai Rural	All of 9 Wards
61			Nimamar Rural	All of 16 Wards
62			Sentral Niu Ailan	All of 22 Wards
63			Tanir Rural	All of 14 Wards
64			East Sepik	Ambunti Dreikikir
65	Tunap/Hinsteina Rural	All of 38 Wards		
66	Gawanga Rural	All of 22 Wards		
67	Dreikikir/Middle Sepik Rural	All of 33 Wards		
68	Angoram	Angoram/ Middle Sepik		All of 36 Wards
69		Keram Rural		All of 38 Wards

70		Karawari Rural	All of 30 Wards	
71		Marienberg/Lower Sepik Rural	All of 29 Wards	
72		Yuat Rural	All of 21 Wards	
73	Maprik	Albiges Mamblep Rural	All of 14 Wards	
74		Bumbita/Muhian Rural	All of 17 Wards	
75		Maprik/Wora Rural	All of 19 Wards	
76		Yamil Tamui Rural	All of 16 Wards	
77	Wewak	Boiken/Dagua Rural	All of 24 Wards	
78		Turubu Rural	All of 21 Wards	
79		Wewak Islands Rural	All of 21 Wards	
80		Wewak Rural	All of 27 Wards	
81		Wewak Urban	Wewak	
82	Wosera-Gawi	Burui/Kunai Rural	All of 25 Wards	
83		Gawi Rural	All of 25 Wards	
84		North Wosera Rural	All of 28 Wards	
85		South Wosera Rural	All of 28 Wards	
86	Yangoru Saussia	East Yangoru Rural	All of 27 Wards	
87		Numbo Rural	All of 23 Wards	
88		Sausso Rural	All of 22 Wards	
89		West Yangoru Rural	All of 25 Wards	
90	Madang	Bogia	Almami Rural	All of 37 Wards
91			labu Rural	All of 15 Wards
92			Yawar Rural	All of 40 Wards
93	Madang	Amabenob Rural	All of 22 Wards	
94			Madang Urban	Madang
95			Transgogol Rural	All of 16 Wards
96	Middle Ramu	Arabaka Rural	All of 34 Wards	
97			Josephstaal Rural	All of 26 Wards
98			Simbai Rural	All of 18 Wards
99			Kovon Rural	All of 15 Wards
100	Rai Coast	Astrolobe Bay Rural	All of 15 Wards	
101			Naho Rawa Rural	All of 20 Wards
102			Nayudo Rural	All of 15 Wards
103			Rai Coast (Saidor)	All of 39 Wards
104	Sumkar	Karkar Rural	All of 33 Wards	
105			Sumgilbar Rural	All of 31 Wards
106	Usino Bundi	Bundi Rural	All of 22 Wards	
107			Usino Rural	All of 13 Wards
108			Gama Rural	All of 31 Wards
109		Aitape Lumi	East Aitape Rural	All of 22 Wards

110	Sandaun (West Sepik)		East Wapei Rural	All of 15 Wards	
111			West Aitape Rural	All of 25 Wards	
112			West Wapei Rural	All of 15 Wards	
113			Nuku	Mawase Rural (Nuku)	All of 32 Wards
114				Palmai Rural	All of 22 Wards
115				Yangkok Rural	All of 23 Wards
116				Maimai Wanwan Rural	All of 15 Wards
117			Telefomin	Namea Rural	All of 15 Wards
118				Oksapmin Rural	All of 21 Wards
119				Telefomin Rural	All of 26 Wards
120				Yapsie Rural	All of 20 Wards
121			Vanimo-Green River	Amanab Rural	All of 18 Wards
122				Bewani/Wutung Onei Rural	All of 27 Wards
123				Green River Rural	All of 36 Wards
124				Vanimo Urban	Vanimo
125	Walsa Rural	All of 13 Wards			
126	Morobe	Bulolo	Mumeng Rural	All of 19 Wards	
127			Watut Rural	All of 12 Wards	
129			Buang Rural	All of 20 Wards	
132		Wau-Waria	Waria Rural	All of 17 Wards	
133			Wau Urban	Wau	
134			Wau Rural	All of 20 Wards	
135		Finschhafen	Hube Rural	All of 16 Wards	
136			Kotte Rural	All of 10 Wards	
137			Finschhafen Urban	All of the Wards	
138			Yabim Mape Rural	All of 22 Wards	
139			Burum Kwat Rural	All of 24 Wards	
140		Huon Gulf	Morobe Rural	All of 21 Wards	
141			Salamaua Rural	All of 17 Wards	
142			Wampar Rural	All of 27 Wards	
143		Kabwum	Deyamos Rural	All of 16 Wards	
144			Komba Rural (Seko) Rural	All of 19 Wards	
145			Yus Rural	All of 13 Wards	
146			Selepet Rural	All of 18 Wards	
147		Lae	Ahi Rural	Ahi	
148			Lae Urban	Lae	
149	Markham	Onga/Wafia Rural	All of 13 Wards		
150		Umi/Atzera Rural	All of 30 Wards		
151		Wantoat/Leron Rural	All of 20 Wards		
152	Menyamya	Kapao Rural	All of 17 Wards		

153		Nanima Kariba Rural	All of 14 Wards	
154		Kome Rural	All of 16 Wards	
155		Wapi Rural	All of 15 Wards	
156	Nawae	Labutu Rural	All of 14 Wards	
157		Nabak Rural	All of 14 Wards	
158		Wain-Erap Rural	All of 18 Wards	
159	Tewai-Siassi	Sialum Rural	All of 20 Wards	
160		Siassi Rural	All of 20 Wards	
161		Wasu Rural	All of 18 Wards	
162	Chimbu	Chuave	Chuave Rural	All of 14 Wards
163			Elimbari Rural	All of 16 Wards
164			Siane Rural	All of 27 Wards
165		Gumine	Bomai/Gumai Rural	All of 12 Wards
166			Gumine Rural	All of 21 Wards
167			Mount Digin Rural	All of 12 Wards
168		Karimui-Nomane	Karimui Rural	All of 27 Wards
169			Nomane Rural	All of 13 Wards
170			Salt Rural	All of 23 Wards
171		Kerowagi	Gena/Waugla Rural	All of 14 Wards
172			Upper/Lower Koronigl Rural	All of 22 Wards
173			Kerowagi Urban	Kerowagi
174			Kup Rural	All of 11 Wards
175		Kundiawa	Kundiawa Urban	Kundiawa
176			Mitnande Rural (Mt Wilhem Rural)	All of 17 Wards
177			Niglkande Rural	All of 13 Wards
178			Waiye Rural	All of 17 Wards
179		Sinasina-Yonggomugl	Tabare Rural	All of 23 Wards
180			Suai Rural (Suwai)	All of 14 Wards
181			Yonggomugl Rural	All of 12 Wards
182	Eastern Highlands	Daulo	Watabung Rural	All of 6 Wards
183			Lower Asaro Rural	All of 9 Wards
184			Upper Asaro Rural	All of 8 Wards
185		Goroka	Gahuku Rural	All of 8 Wards
186			Goroka Urban	Goroka
187			Mimanalo Rural	All of 4 Wards
188		Henganofi	Kafentina Rural	All of 11 Wards
190			Dunantina Rural	All of 8 Wards
191			Fayantina Rural	All of 11 Wards
192		Kainantu	Kainantu Urban	Kainantu
193			Kamano 1 Rural	All of 6 Wards

194			Kamano 2 Rural	All of 6 Wards
195			Agarabi Rural	All of 8 Wards
196		Lufa	Lufa Rural	All of 12 Wards
197			Mount Michael Rural	All of 12 Wards
198			Unavi Rural	All of 9 Wards
199		Obura-Wonenara	Gadsup/Tairora Rural	All of the Wards
200			Lamari Rural	All of 30 Wards
201			Yelia Rural	All of 34 Wards
202		Okapa	East Okapa Rural	All of 18 Wards
203			West Okapa Rural	All of 7 Wards
204		Unggai-Bena	Lower Benna Rural	All of 7 Wards
205			Upper Benna Rural	All of 6 Wards
206			Unggai Rural	All of 7 Wards
207	Enga	Kandep	Kandep Rural	All of 54 Wards
208			Wage Rural	All of 23 Wards
209		Kompiam-Ambum	Ambum Rural	All of 25 Wards
210			Kompiam Rural	All of 36 Wards
211			Wapi/Yengis Rural	All of 14 Wards
212		Laigap – Porgera	Lagaip Rural	All of 31 Wards
213			Pilikambi Rural	All of 19 Wards
214		Porgera-Paiela	Maip Mulitaka Rural	All of 19 Wards
215			Paiela/Hewa Rural	All of 16 Wards
216			Porgera Rural	All of 20 Wards
217		Wabag	Maramuni Rural	All of 13 Wards
218			Wabag Rural	All of 45 Wards
219			Wabag Urban	Wabag
220		Wapenamanda	Wapenamanda Rural	All of 35 Wards
221			Tsak Rural	All of 17 Wards
222	Jiwaka	Anglimp-South	Anglimp Rural	All of 36 Wards
223		Waghi	South Waghi Rural	All of 48 Wards
224		Jimi	Jimi Rural	All of 36 Wards
225			Kol Rural	All of 25 Wards
226		North Waghi	North Waghi Rural	All of 21 Wards
227	Nondugl Rural		All of 24 Wards	
228	Western Highlands	Mul-Baiyer	Baiyer Rural	All of 47 Wards
229			Lumusa Rural	All of 25 Wards
230			Mul Rural	All of 47 Wards
231		Dei	Dei Rural (Muglamp)	All of 43 Wards
232			Kotna Rural	All of 12 Wards
233		Hagen	Mt Hagen Rural	All of 40 Wards

234			Mt Hagen Urban	Mt Hagen	
235		Tambul Nebilyer	Mount Giluwe Rural	All of 52 Wards	
236			Nebilyer Rural	All of 34 Wards	
237	Hela	Komo-Magarima	Hulia Rural	All of 31 Wards	
238				Komo Rural	All of 27 Wards
239		Komo-Hulia	Upper Wage Rural	All of 20 Wards	
240				Lower Wage Rural	All of 36 Wards
241		Koroba-Kopiago	Awi/Pori Rural	All of 25 Wards	
242				Lake Kopiago Rural	All of 19 Wards
243				North Koroba Rural	All of 26 Wards
244				South Koroba Rural	All of 24 Wards
245		Tari-Pori	Hayapuga Rural	All of 21 Wards	
246				Tagali Rural	All of 20 Wards
247				Tari Urban	All of 8 Wards
248				Tebi Rural	All of 19 Wards
249	Southern Highlands	Ialibu-Pangia	East Pangia Rural	All of 26 Wards	
250				Ialibu Urban	All of 8 Wards
251				Kewabi Rural	All of 33 Wards
252				Wiru Rural	All of 34 Wards
253		Imbonggu	Ialibu Basin Rural	All of 22 Wards	
254				Imbonggu Rural	All of 20 Wards
255				Lower Mendi Rural	All of 26 Wards
256		Kagua-Erave	Erave Rural	All of 28 Wards	
257				Kagua Rural	All of 25 Wards
258				Kuare Rural	All of 17 Wards
259				Aiya Rural	All of 23 Wards
260		Mendi-Munihi	Karints Rural	All of 26 Wards	
261				Lai Valley Rural	All of 29 Wards
262				Mendi Urban	All of 11 Wards
263				Upper Mendi Rural	All of 28 Wards
264		Nipa-Kutubu	Lake Kutubu Rural	All of 18 Wards	
265				Mount Bosavi Rural	All of 13 Wards
266				Nembi Plateau Rural	All of 26 Wards
267				Nipa Rural	All of 41 Wards
268				Poroma Rural	All of 26 Wards
269	Central	Abau	Amazon Bay Rural	All of 16 Wards	
270				Aroma Rural	All of 18 Wards
271				Cloudy Bay Rural	All of 16 Wards
272		Goilala	Guari Rural	All of 4 Wards	
273				Tapini Rural	All of 10 Wards
274				Woitape Rural	All of 14 Wards

275		Hiri-Koiari	Hiri Rural	All of 18 Wards	
276			Koiari Rural	All of 22 Wards	
277		Kairuku-Hiri	Kairuku Rural	All of 18 Wards	
278			Mekeo-Kuni Rural	All of 19 Wards	
279		Rigo	Rigo Central Rural	All of 31 Wards	
280			Rigo Coastal Rural	All of 23 Wards	
281			Rigo Inland Rural	All of 16 Wards	
282	Gulf	Kerema	Central Kerema Rural	All of 14 Wards	
283				East Kerema Rural	All of 8 Wards
284				Kaintiba Rural	All of 15 Wards
285				Kerema Urban	Kerema
286				Kotidanga Rural	All of 20 Wards
287				Lakekamu-Tauri Rural	All of 9 Wards
288			Kikori	Baimuru Rural	All of 23 Wards
289				East Kikori Rural	All of 15 Wards
290				Ihu Rural	All of 23 Wards
291				West Kikori Rural	All of 18 Wards
292		Alotau	Alotau Urban	Alotau	
293				Daga Rural	All of 18 Wards
294				Huhu Rural	All of 30 Wards
295				Makamaka Rural	All of 26 Wards
296				Maramatana rural	All of 19 Wards
297				Suau Rural	All of 29 Wards
298				Weraura Rural	All of 30 Wards
299			Milne Bay	Esa'ala	Western Ferguson Rural
300		Duau Rural			All of 28 Wards
301		Dobu Rural			All of 35 Wards
302		Kiriwina		Kiriwina Rural	All of 33 Wards
303		Goodenough		Goodenough Rural	All of 28 Wards
304		Samarai-Murua		Lousiade Rural	All of 32 Wards
305				Bwanabwana Rural	All of 23 Wards
306				Murua Rural	All of 17 Wards
307				Yaleyamba Rural	All for the Wards
308	Western	Delta Fly	Balimo Urban	Balimo	
309				Bamu Rural	All of 19 Wards
310				Gogodala Rural	All of 39 Wards
311			Middle Fly	Lake Murray Rural	All of 28 Wards
312				Nomad Rural	All of 39 Wards
313			North Fly	Kiunga Rural	All of 31 Wards
314				Kiunga Urban	Kiunga

315			Ningerum Rural	All of 24 Wards
316			Olsobip Rural	All of 16 Wards
317			Star Mountains Rural	All of 13 Wards
318		South Fly	Daru Urban	Daru
319			Kiwai Rural	All of 24 Wards
320			Morehead Rural	All of 22 Wards
321			Oriomo-Bituri Rural	All of 25 Wards
322	Northern (Oro)	Ijivatari	Afore Rural	All of 18 Wards
323			Safia Urban	All of 13 Wards
324			Tufi Rural	All of 24 Wards
325		Popondetta	Higaturu Rural	All of 28 Wards
326			Oro Bay Rural	All of 26 Wards
327			Popondetta Urban	All of 7 Wards
328		Sohe	Kira Rural	All of 5 Wards
329			Kokoda Rural	All of 26 Wards
330			Tamata Rural	All of 17 Wards
331		National Capital District (NCD)	NCD	NCD

Schedule 42~~11~~: Special terms and conditions applicable to Content Licences that authorise free television broadcasts or radio broadcasts

1. Application

- (1) This Schedule applies to a Content Licence that:
 - (a) is an Individual Licence; and
 - (b) relates to the supply of a Broadcast Service that is either a free television broadcast service or a radio broadcast service.
- (2) If the licensee was not an Existing Licensee on the Succession Date, then NICTA may, at any time, specify by written notice issued under this clause:
 - (a) the particular parts of this Schedule, if any, that do not apply to the licensee;
 - (b) the date from which this Schedule, or particular parts thereof, apply to the licensee; and
 - (c) the dates by which the licensee must comply with this Schedule or particular parts thereof.

2. Mandatory broadcast coverage areas—national market segment

- (1) If the licensee is authorised under the terms of its Content Licence to broadcast in the national market segment, then the licensee is required to provide Broadcast Coverage in each of the main centres specified in Schedule ~~8~~ 7 and each of the mid-sized centres specified in Schedule ~~9~~ 8 on Commencement Date.
- (2) The licensee must progressively extend its Broadcast Coverage ~~to the administrative district centres specified in Schedule 6 so that it provides Broadcast Coverage to:~~
 - (a) at least 43 of the administrative district centres specified in Schedule ~~40~~ 9 on Commencement Date; and
 - (b) at least 60 of the administrative district centres specified in Schedule 10 by 31 December 2024.

3. Mandatory broadcast coverage areas—provincial market segment

- (1) If the licensee is authorised under the terms of its Content Licence to broadcast in the provincial market segment only, then the licensee must provide Broadcast Coverage in the main centres and the mid-sized centres of that province as per Schedules 7 and 8 and within six months of the grant of the Content Licence.
- (2) The licensee must progressively extend its Broadcast Coverage to the administrative district centres of the province or provinces for which it is licensed so that it provides Broadcast Coverage to:
 - (a) at least half of the administrative district centres in the relevant province or provinces as per Schedule ~~40~~ 9 within five years of the grant of the licence; and
 - (b) all of the administrative district centres in the relevant province or provinces as per Schedule 8 within 10 years of the grant of the licence.

4. Mandatory broadcast coverage areas—district market segment

If the licensee is authorised under the terms of its Content Licence to broadcast in the district market segment only, then the licensee must provide Broadcast Coverage to the districts centre or centres specified in its licence within six months of the grant of the licence.

5. Maintenance of mandatory Broadcast Coverage

The licensee must continue to provide Broadcast Coverage in the areas required by the terms of its licence until the expiry of its licence or until NICTA specifically authorises otherwise.

Schedule 4312: Special terms and conditions for international gateway operators

1. Application

- (1) This Schedule applies to a Network Licence that:
 - (a) is an Individual Licence; and
 - (b) specifically grants a Facilities Right for an International Gateway.

2. Efficient routing of domestic traffic

- (1) The licensee must ensure that all traffic that originates on its Network in Papua New Guinea and which is intended to be terminated in Papua New Guinea is not routed through a Switching Centre or other facility that is located in a country other than Papua New Guinea.
- (2) NICTA may, upon application by a licensee, authorise the routing of domestic traffic via another country where such is necessary for purposes related to network continuity or disaster recovery.

3. Scope of International Gateway Services provided by the Licensee

- (1) If a Licensee operates a satellite-based network, the Licensee may use its network to provide international satellite-based gateway services to Users of Terminals and between the earth stations and satellites connected to the Licensee's network.
- (2) The Licensee shall not provide international gateway services for the purpose of aggregating inbound and outbound international voice and text traffic and diverting it from the international gateway services and facilities provided within Papua New Guinea by other gateway licensees in Papua New Guinea.
- (3) All international internet connectivity and communications traffic must be routed in accordance with gateway arrangements approved for the purpose by NICTA and which comply with Government policies, including policies on national security and cybersecurity.