

Standard and Special Conditions of Individual Licences Rule, 2011

1. Name of rule

- (1) This rule is the *Standard and Special Conditions of Individual Licences Rule, 2011*.

2. Preliminary

- (1) 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*.
- (2) 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;

“Directory Information” means information identifying the name, connection and/or billing address, and Public Number of a Telecommunications Subscriber;

“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 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 4 to this Rule, in section 2 of Schedule 5 to this Rule, and in section 2 of Schedule 6 to this Rule, as appropriate;

“Public Number” means an E-164 number specified in the National Numbering Plan;

“Public Number Directory” means a Residential Telephone Number Director or a Business Telephone Number Directory;

“Residential Telephone Number Directory” means a directory of telephone numbers that lists, in alphabetical order of the subscribers’ names, the Public Numbers and addresses of Telecommunications Subscribers who are Retail Customers;

“Rule” means the *Standard and Special Conditions of Individual Licences Rule, 2011*;

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

“Unlisted Number” means a Public Number that is not published in any Public Number Directory;

“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 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 that 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) The Network Licence issued to Bemobile Limited is subject to the special terms and conditions specified in Schedule 4 to this Rule.
- (5) The Network Licence issued to Digicel (PNG) Limited is subject to the special terms and conditions specified in Schedule 5 to this Rule.
- (6) The Network Licence issued to Telikom PNG Limited is subject to the special terms and conditions specified in Schedule 6 to this Rule.
- (7) The Content Licences that authorise free television broadcasts or radio broadcasts are subject to the special terms and conditions specified in Schedule 13 to this Rule.
- (8) 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 14 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

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

2. Standard obligations

- (1) The licensee shall:
- (a) Pay all applicable licence 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 given 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;
 - (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; and
- (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.

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.

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 certain Network Coverage Obligations.
- (2) 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.
- (3) 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 9 or Schedule 10. 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.
- (4) The licensee will not be in contravention of a Network Coverage Obligation in relation to a locality specified in Schedule 10 if, by the relevant date, it is providing Public Cellular Services through at least one base station within the locality for 90% of the time.
- (5) 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 9 or Schedule 10 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.
- (6) 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.
- (7) 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% in:
 - (a) the main centres specified in Schedule 7; and
 - (b) the mid-sized centres specified in Schedule 8.
- (4) The licensee must maintain a rate of Network availability of least 98.00% in:
 - (a) the administrative district centres specified in Schedules 9; and
 - (b) the localities specified in Schedule 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 main centres specified in Schedule 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 mid-sized centres specified in Schedule 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 administrative districts specified in Schedule 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 small population centres specified in Schedule 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 4: Special terms and conditions applicable to Bemobile Limited

1. Application

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

2. Network Coverage Obligations

- (1) The licensee must maintain until the expiry of its licence the Network Coverage that, as of the Commencement Date, it provided in each of the main centres specified in Schedule 7.
- (2) The licensee must maintain until the expiry date the Network Coverage that, as of the Commencement Date, it provided in each of the mid-sized centres specified in Schedule 8.
- (3) The licensee must provide Network Coverage in at least 56 of the 87 administrative district centres specified in Schedule 9 by 31 December 2012 and thereafter maintain that Network Coverage until the expiry of its licence.
- (4) The licensee must provide Network Coverage in at least 69 of the 120 localities specified in Schedule 10 by 30 June 2013 and thereafter maintain that Network Coverage until the expiry of its licence.

Schedule 5: 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 maintain until the expiry of its licence the Network Coverage that, as of the Commencement Date, it provided in each of the:
 - (a) main centres specified in Schedule 7;
 - (b) mid-sized centres specified in Schedule 8;
 - (c) administrative district centres specified in Schedule 9; and
 - (d) small centres specified in Schedule 10.

3. Continuation of special licence fee

- (1) The licensee shall continue to make the annual instalment payments as specified in clause 23.3 of its Existing Licence, being a Public Mobile Licence issued by the Independent Consumer and Competition Commission, until the total amount to be paid as specified in that clause has been paid in full by no later than 17 October 2016.
- (2) These payments are independent of, and in no way related to, the licensee's obligations under other legislation to pay annual licence or other fees to NICTA.

Schedule 6: Special terms and conditions applicable to Telikom PNG Limited

1. Application

- (1) This Schedule applies to a Network Licence that:
 - (a) is an Individual Licence; and
 - (b) is issued to Telikom PNG Limited.
- (2) For the avoidance of doubt the licensee's Network Licence permits it to supply a Public Cellular Mobile Service and, if it decides to supply such a service, the licensee will be subject to Schedule 3 of this Rule and to Network Coverage Obligations.

2. Network Coverage Obligations

- (1) This section applies if the licensee intends to supply a Public Mobile Cellular Service.
- (2) The licensee must maintain until the expiry of its licence the Network Coverage that, as of the Commencement Date, it provided in each of the main centres specified in Schedule 7.
- (3) The licensee must provide Network Coverage in each of the mid-sized centres specified in Schedule 8 by 30 October 2013 and thereafter maintain that Network Coverage until the expiry of its licence.
- (4) The licensee must provide Network Coverage in at least 56 of the administrative district centres specified in Schedule 9 by 30 October 2014 and thereafter maintain that Network Coverage until the expiry of its licence.
- (5) The licensee must provide Network Coverage in at least 69 of the small centres specified in Schedule 10 by 30 October 2016 and thereafter maintain that Network Coverage until the expiry of its licence.

3. 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 99.9% in:
 - (i) the main centres specified in Schedule 7; and
 - (ii) the mid-sized centres specified in Schedule 8; and
 - (b) at least 98.00% in:
 - (i) the administrative district centres specified in Schedules 9; and
 - (ii) the small centres specified in Schedule 10.

- (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.

4. 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) a locality mentioned in Schedule 11 or 12 and at which there is an existing fixed line connection that remains intact and usable is three Working Days;
 - (b) a locality mentioned in Schedule 11 is five Working Days; and
 - (c) a locality mentioned in Schedule 12 is ten 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.

5. 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 occurring in:
 - (a) an exchange area in a locality specified in Schedule 11 is four Working Days; and
 - (b) an exchange area in a locality specified in Schedule 12 is seven 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.

6. Publication of a public number directory

- (1) The licensee must produce a Residential Telephone Number Directory:
 - (a) in the format of a printed and bound book;
 - (b) annually;
 - (c) on substantially the same basis as the licensee produced a telephone directory in 2009; and
 - (d) that lists Directory Information for Telecommunications Subscribers, including those subscribers who are customers of a Service Provider other than the licensee but excluding those Telecommunications Subscribers who have requested an Unlisted Number.

- (2) The licensee must not include in any Public Number Directory any Directory Information corresponding to a Public Number that the associated Telecommunications Subscriber has requested be an Unlisted Number.
- (3) The licensee must arrange to distribute, free of charge to the recipients, printed copies of the Residential Telephone Number Directory to its own customers and to the customers of other Service Providers that supply public telecommunications services.
- (4) The licensee must not charge a Telecommunications Subscriber for a standard entry in a Residential Telephone Number Directory. A standard entry must as a minimum comprise of:
 - (a) the name and address of the Telecommunications Subscriber; and
 - (b) one Public Number, which is either a geographic number or a mobile number that has been issued to the Telecommunications Subscriber.
- (5) The licensee must not charge a Telecommunications Subscriber for having an Unlisted Number.
- (6) The licensee must provide entries in a Residential Telephone Number Directory for the Telecommunications Subscribers of another Service Provider on terms and conditions that are no less favourable than those for a customer of the licensee.
- (7) The licensee may not promote any of its goods and services that are unrelated to the production of a Public Number Directory during any contact for purposes related to the production of a Public Number Directory that the licensee may have with a Telecommunications Subscriber of another Service Provider.

7. Continued provision of certain services

- (1) The licensee must comply with this section, and provide the services mentioned in this section, on substantially the same basis, terms and conditions as the licensee provided and maintained those services in 2009.
- (2) The licensee must provide a Directory Assistance Service that is accessible via telephone by all Telecommunications Subscribers, regardless of which Network Licensee's public telecommunications Network the subscriber is connected to.
- (3) The licence holder must maintain, provide and operate a National Maritime Radio Safety Service.

Schedule 7: Main centres of Papua New Guinea

Reference Number	Province	Main Centre
1	National Capital District	Port Moresby
2	Morobe	Lae
3	Western Highlands	Mount Hagen
4	Eastern Highlands	Goroka
5	Madang	Madang
6	East Sepik	Wewak
7	West New Britain	Kimbe
8	East New Britain	Kokopo

Schedule 8: Mid-sized centres of Papua New Guinea

Reference Number	Province	Mid-sized centre
1	Western	Kiunga
2	Western	Daru
3	Gulf	Kerema
4	Milne Bay	Alotau
5	Oro(Northern)	Popondetta
6	Southern Highlands	Mendi
7	Enga	Wabag
8	Chimbu	Kundiawa
9	Eastern Highlands	Kainantu
10	Morobe	Wau/Bulolo
11	Saundaun (West Sepik)	Vanimo
12	Manus	Lorengau
13	New Ireland	Kavieng
14	Autonomous Region of Bougainville	Buka

Schedule 9: Administrative district centres of Papua New Guinea

Reference Number	Province	District Centre
1	Autonomous Region of Bougainville	Arawa
2		Buin
3	East New Britain	Vunadirdir
4		Rabaul
5		Pomio
6	Manus	Lorengau
7	West New Britain	Kandrian
8		Talasea
9	New Ireland	Taskul
10		Namatanai
11	Chimbu	Chuave
12		Gumine
13		Karimui
14		Kerowagi
15		Gembogl
16		Sinasina
17	Eastern Highlands	Daulo
18		Bena
19		Henganofi
20		Ungai
21		Lufa
22		Obura
23		Okapa
24	Enga	Kandep
25		Kompian
26		Laiagam
27		Wapenamanda
28		Porgera
29	Southern Highlands	Ialibu
30		Imbongu
31		Kagua
32		Magarima
33		Tari
34		Kutubu

35		Nipa
36		Pangia
37	Western Highlands	Minj
38		Banz
39		Jimi
40		Baiyer
41		Tambul
42		Anglimp
43		Kotna
44	East Sepik	Ambunti
45		Drekirkir
46		Angoram
47		Maprik
48		Wosera
49		Sausia
50		Yangoru
51	Madang	Bogia
52		Middle Ramu
53		Rai Coast
54		Sumkar
55		Usino Bundi
56	Saundaun (West Sepik)	Aitape
57		Lumi
58		Nuku
59		Telefomin
60	Morobe	Bulolo
61		Gagidu (Finschafen)
62		Huon
63		Kabwum
64		Sialum (Tewae)
65		Mutzing (Markham)
66		Menyamy
67		Boana (Nawae)
68	Central	Kupiano
69		Tapini
70		Bereina
71		Abau
72		Hiri

73		Kwikila
74	Gulf Province	Malalaua
75		Kaintiba
76		Kikori
77		Ihu
78		Baimuru
79	Milne Bay	Bwanabwana
80		Losuia
81		Esa'ala
82	Oro (Northern)Oro	Tufi
83		Afore
84		Kokoda
85	Western Province	Balimo
86		Lake Murray
87		Tabubil

Schedule 10: Small centres of Papua New Guinea

Ref. No.	Province	District	LLG/Ward	Small Centre
1	Autonomous Region of Bougainville	Central Bougainville	Wakunai	Wakunai
2		North Bougainville	Buin	Tinputz
3		South Bougainville	Siwai	Torikina
4	East New Britain	Gazelle	Central Gazelle Rural	Kerevat Township
5		Kokopo	Bitapaka Rural	Ulaveo
6		Pomio	Sinivit Rural	Warongoi Dam
7			West Pomio / Mamusi Rural	Kembubu
8	Rabaul	Balanataman Rural	Watom	
9	Manus	Manus	Aua-Wuvulu Rural	Lombrum (Naval Base)
10			Pobuma Rural	Bundrahei / Sabondralis
11	West New Britain	Kandrian-Gloucester	Kove/Kalai Rural	Akivilik
12		Talasea	Bialla Rural	Bialla station
13			Mosa Rural	Bugal
14	New Ireland	Kavieng	Lavongai Rural	Meteselen
15			Tikana Rural	Lemakot
16		Namatanai	Nimamar Rural	Mahur
17				Kuanie (Lihir Gold mine)
18	East Sepik	Ambunti Dreikikir	Ambunti Rural	Avatip
19		Angoram	Angoram / Middle Sepik	Gavien Settlement 1
20		Maprik	Albiges Mamblep Rural	Ningalim
21			Yamil Tamui Rural	Yenigo
22		Wewak	But / Boiken Rural	Dogur (Dagua)
23			Wewak Rural	Passam station
24		Wosera Gaui	North Wosera Rural	Sarikum
25		Yagoru Sausia	Numbo Rural	Kubalia station
26			West Yagoru Rural	Bebandu
27	Madang	Bogia	Almami Rural	Malala station
28		Middle Ramu	Simbai Rural	Simbai Station
29			Arabaka Rural	Aiome station
30		Rai Coast	Naho Rawa Rural	Tauta station
31		Sumkar	Sumgilbar Rural	Talidik
32		Usino Bundi	Bundi Rural	Brahman station
33			Usino Rural	Ramu (sugar factory)
34	Saundaun (West)	Aitape-Lumi	East Wapei Rural	Tabale
35		Nuku	Maimai / Wanwan Rural	Mukili Station

36	Sepik)		Yankok Rural	Auguganak Station
37		Telefomin	Oksapmin Rural	Oksapmin Station
38			Yapsie Rural	Yapsie Station
39		Vanimo – Green River	Amanab Rural	Amanab Station
40			Bewani / Wutung Onei Rural	Bewani Station
41	Morobe	Bulolo	Watut Rural	Watut Station
42		Finschaffan	Hube Rural	Pindiu Station
43		Huon Gulf	Wampar Rural	Huon District Office
44		Kabwum	Seko Rural	Kabwum Station
45		Markham	Umi / Atzera Rural	Mutzing Station
46		Menyama	Aseki Rural	Aseki Station
47		Nawae	Labuta Rural	Labuta Station
48			Napak Rural	Boana Station
49		Tewai-Siassi	Sialum River	Kanome Station
50				Sialim Station
51			Siassi Rural	Lablab Station
52	Chimbu	Chuave	Elimbari Rural	Giru
53		Gumine	Gumine Rural	Dirima station
54		Karimui-Nomane	Nomane Rural	Nomane station
55		Kerowagi	Kerowagi Rural	Kewamugl (school)
56			Kup Rural	Kup
57		Kundiawa	Mitnande Rural	Kugulkane 2
58		Sinasina-Yonggomugl	Tabare Rural	Koge
59			Yongomugul Rural	Molg
60	Eastern Highlands	Daulo	Asaro/Watabung Rural	Asaro station
61				Watabung Station
62		Henganofi	Henganofi Rural	Kombri
63		Kainantu	Kainantu Rural	Yonki Power Dam
64				Aiyura station
65		Lufa	Lufa Rural	Kotomi
66		Obura-Wonenara	Marawaka Rural	Marawaka station
67		Okapa	Okapa Rural	Tarabo station
68		Unggai-Bena	Unggai-Bena Rural	Kabiufa
69			Bena Rural	Kapakamarigi station
70	Enga	Kandep	Kandep Rural	Kokas
71		Kompiani-Ambum	Ambum Rural	Par

72			Kompiam Rural	Pomanda
73		Laigam-Porgera	Lagaip	Surunki station
74			Maip/Mulitaka Rural	Muritaka
75			Porgera Rural	Paiyala station
76		Wabag	Wabag Rural	Birip
77		Wapenamanda	Wapenamanda Rural	Tsak Valley
78	Western Highlands	Angalimp	Anglrimp Rural	Kindeng tea plantation
79			South Wahgi Rural	Kudjip Hospital
80		Baiyer-Mul	Baiyer Rural	Tinsly Health centre / station
81				Baiyer station and Zoo
82		Dei	Dei Rural	Gumanch 1&2 tea planation
83				Muglamp station
84		Hagen	Mt Hagen Rural	Baisu (CIS, P Lanation)
85		Jimi	Jimi Rural	Maipka/Kol Station
86		North Wahgi	North Wahgi Rural	Kimil tea and coffee planation
87			Nondugl Rural	Nondugl (PNGDF base)
88		Tambul Nebilyer	Nebilyer Rural	Pabarbuk Mission station
89	Southern Highlands	Ialibu-Pangia	Kewabi Rural	Tindua
90		Imbonggu	Imbongu Rural	Kisenapoi
91		Kagua-Erave	Erave Rural	Erave station
92		Komo-Magarima	Hulia Rural	Dauli teachers college
93			Komo Rural	Komo station
94		Koroba-L/Kopiago	Lake Kopiago Rural	Kopiago station
95		Mendi	Lower Mendi Rural	Buiyebi (CIS station)
96			Lai Valley Rural	Kema
97		Nipa-Kutubu	Lake Kutubu Rural	Harigapo
98			Poroma Rural	Poroma Station
99	Central	Abau	Amazon Bay Rural	Magarida – Health centre
100			Aroma Rural	Maopa
101		Goilala	Tapini Rural	Woitape
102			Woitape Rural	Tolokuma Gold Mine
103		Kairuku	Mekeo-Kuni Rural	Waima station
104			Kairuku Rural	W15-Pinu
105		Hiri	Hiri Rural	W1-Porebada
106			Koiari Rural	Sogeri station
107			Rigo	Rigo Central Rural

108			Rigo Rural	Hula
109	Gulf	Kerema	Central Kerema Rural	Karama
110			East Kerema Rural	Heavala
111		Kikori		Lese
112			Ihu Rural	Harevavo
113	Milne Bay	Alotau	Huhu Rural	Harevavo
114		Esa'ala	West Ferguson Rural	Morima station
115		Kiriwina Goodenough	Kiriwina Rural	Losuia Station
116		Samarai-Murua	Louisiade Rural	Misima (Gold mine)
117	Western	Middle Fly	Lake Murray Rural	Mepu
118		North Fly	Kiunga Rural	Kiunga station
119	Oro (Northern)	Ijivitari	Oro Bay Rural	Oro Bay
120		Sohe	Higaturu	Higaturu (oil palm)

Schedule 11: Telikom's manned exchanges

Ref. No.	Exchange
1	Alotou
2	Boroko
3	Buka
4	Bwagaoia
5	Daru
6	Ela Beach
7	Gerehu
8	Goroka
9	Hagen
10	Kavieng
11	Kerema
12	Kimbe
13	Kokopo
14	Kundiawa
15	Lae
16	Lihir
17	Lorengau
18	Madang
19	Namatanai
20	Papondetta
21	Tabubil
22	Tomavatur
23	Vanimu
24	Waigani
25	Wewak

Schedule 12: Telikom's unmanned exchanges

Ref. No.	Exchange	Ref. No.	Exchange
1	Aitape	21	Maprik
2	Ambunti	22	Mendi
3	Angrom	23	Minj
4	Banz	24	Mosa
5	Bialla	25	Mutzin/Kaiapit
6	Bogia	26	Nagada
7	Bomana	27	Nazab
8	Bubia	28	Paiam
9	Bulolo	29	Rabaul
10	Buluma	30	Samarai
11	Finschaffan	31	Tari
12	Gusap	32	Tokua
13	Hoskins	33	Toleap
14	Ialibu	34	Ukarumpa
15	Kagamuga	35	Wabag
16	Kandrain	36	Wapanamanda
17	Kikori/Baimuru	37	Warangoi
18	Kiuga	38	Wau
19	Kupiano	39	Yonki
20	LTC	40	Younguru

Schedule 13: 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 7 and each of the mid-sized centres specified in Schedule 8 by 31 December 2012 or any alternative date or dates specified by NICTA with respect to the licensee for the purpose of this clause.
- (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 21 of the administrative district centres specified in Schedule 9 by 31 December 2014; and
 - (b) at least 43 of the administrative district centres specified in Schedule 9 by 31 December 2016.

3. Mandatory broadcast coverage areas—provincial market segment

- (4) 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 within six months of the grant of the Content Licence.
- (5) 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 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 9 within 10 years of the grant of the licence.

4. *Mandatory broadcast coverage areas—district market segment*

- (1) 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*

- (1) The licensee must continue to provide Broadcast Coverage in the areas required by the terms of its licence until NICTA specifically authorises otherwise.

Schedule 14: 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.