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# Nepal Telecommunications Authority



## Management Information System

(Falgun 2064)

(13 February 2008 - 13 March 2008)

**Chaitra 2064 (April 2008)**

**P.O. Box No. 9754  
Bluestar Office Complex  
Tripureshwore, Kathmandu, Nepal  
Tel.: +977-1-43101030-38  
Fax: +977-1-4101034  
E-mail: [mis@nta.gov.np](mailto:mis@nta.gov.np)  
URL: [www.nta.gov.np](http://www.nta.gov.np)**

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## **1. Introduction:**

Nepal Telecommunications Authority was established in March 4, 1998 as an autonomous regulatory body within the framework of the [Telecommunication Act 1997 A.D.](#) and Telecommunication Regulation 1997 A.D.

**As per the section 13 of the Telecommunications Act 2053 B.S. (1997 A.D.) the functions and duties of the Authority are as follows:**

- (a) To provide suggestions to Government of Nepal on the policy, plan and program to be adopted by Government of Nepal for the development of the Telecommunications Service.
- (b) To make the Telecommunications Service reliable and easily available to the public.
- (c) To make necessary arrangement to avail basic Telecommunications Service and facilities in all rural and urban areas throughout Nepal.
- (d) To involve the national and foreign private sector investors in the operation of the Telecommunications Service.
- (e) To make arrangement for the coordination and healthy competition among the persons providing Telecommunications Service and facilities, so as to provide such service and facilities to all public in general.
- (f) To prescribe, fix and approve the standard and quality standard of the plant and equipment relating to the Telecommunications and the Telecommunications Service.
- (g) To regularize and systematize Telecommunications Service
- (h) To grant License to operate the Telecommunications service.
- (i) To approve and regularize the fees to be collected by a person having obtained License for providing the Telecommunications Service.
- (j) To perform the functions relating to the frequency in accordance with the policy determined by the Radio Frequency Policy Determination Committee.
- (k) To carry out or cause to carry out the research about the development and use of new technology in the field of Telecommunications.
- (l) To cause to develop the skilled manpower for the Telecommunications Sector.
- (m) To develop and extend or cause to develop and extended the Telecommunications Service in such a way that it protects the rights and interests of the consumers.
- (n) To develop or cause to develops Nepal as an International Transit for Telecommunications.
- (o) To carry out necessary and appropriate functions for the development and promotion of the Telecommunications Service.

## **2. NTA activities during the month of Falgun 2064 (13 February 2008 - 13 March, 2008):**

- 2.1. Mr. Ambar Sthapit, Deputy Director, NTA completed an online training on "Spectrum Management" held from 21 January to 29 February, 2008 in coordination with International Telecommunication Union (ITU) and Center of Excellence, Iran.

- 2.2. Assistant Directors of NTA Mr. Surendra Lal Hada and Mr. Udaya Raj Regmi completed an online training on "Mobile Number Portability" held from 21 January to 29 February, 2008 in coordination with International Telecommunication Union (ITU) and Pakistan Telecommunications Authority.
- 2.3. Press Meet was organized on 19th of Falgun 2064 (date in AD) on the occasion of tenth anniversary of NTA.
- 2.4. Provisional Type approval Certificate was issued for BCM94322MC, Broadcom 802.11n WLAN PCI-E Minicard to Broadcom Corporation under the Type Approval Procedure formulated by the NTA.
- 2.5. Frequency spectrum in CDMA 800 MHz band is assigned to United Telecom Limited (UTL) for the Deployment of Basic/limited mobility service in different parts of the state including the rural areas.
- 2.6. Under the convenorship of Mr. Nirmal Pradhanang (consultant) a Sub-Committee comprising of Mr. Ambar Sthapit, Deputy Director (Engineering) and Mr. Min Prasad Aryal, Assistant Director (Engineering) is formulated in order to recommend the future actions to be taken including the allocation, assignment, reforming (revision) of spectrum in 450 MHz, 900 MHz, 1800 MHz, 2100 MHz band for different cellular applications. It is expected that the committee would submit the report as per the specified ToR.
- 2.7. A RTDF Mobilization Committee has been formed in order to accomplish the assignments specified in the RDTF Disbursement Procedure By-Law and By-Law regarding the selection of the Operators. The members of the committee are: Mr. Bhesh Raj Kandel (Coordinator), Mr. Reg Bahadur Bhandari (Member), Mr. Ramesh Adhikari (Member) and Mr. Min Prasad Aryal (Secretary). The committee has started its work as per the specified duties and responsibilities.
- 2.8. The progress report for the month of Falgun of the Policy/Program and Implementation plan for the fiscal year 064/065 of the Authority has been sent to the Ministry of Information and Communication. As per the report the number of unserved VDCs is 703.
- 2.9. Expression of Interest (EoI) evaluation report on the Capacity Building for NTA has been submitted.
- 2.10. Terms of Reference (ToR) have been developed for the South Telecommunications Regulator's Council's (SATRC) working group on VoIP regulation.

### **3. Authority's Major Decisions in the month of Falgun 2064 (13 February - 13 March, 2008):**

- 3.1.1. The Nepal Telecommunications Authority's (working procedure related) by-law first amendment 2064 has been approved.
- 3.1.2. NTA member Mr. Tulasi Bhatta has been appointed to work for Judicial Committee as per the clause 3(2) of the Nepal Telecommunications Authority's (working procedure related) by-law.

- 3.1.3.** Mr. Kailash Prasad Neupane, Deputy Director, NTA has been appointed to work as registrar as per the clause 3 ka (1) of the Nepal Telecommunications Authority's (working procedure related) by-law.
- 3.1.4.** In relation to the Internet Telephony tariff published prior to NTA's approval by M/s Worldlink Communications Pvt. Ltd., decision has been made as per the recommendation from the legal section.
- 3.1.5.** As M/s. Nepal Satellite Telecom Pvt. Ltd. has furnished all the details in the reply in response to the Letter of Intent (LoI) issued by the Authority, authority has decided to award Basic Telecommunication Service license to it.
- 3.1.6.** As United Telecom Limited has requested a frequency band in the CDMA-800 Band, it has been decided to award 2 Channel [2 X (2 X 1.25MHz)] in that band for now.
- 3.1.7.** The decision of the management to award 883-888 MHz Paired with 928-933 MHz Frequency to run service using MF-TDMA system to M/s STM Telecom Sanchar Pvt. Ltd. dated 2064/7/20 has been approved.
- 3.1.8.** The management has been directed to submit the annual program and budget for the next fiscal year by the end of Chaitra, 2064 as per the three year interim plan of the Telecommunication sector.
- 3.1.9.** With Mr. Kumar Prasad Sharma, Deputy Director, NTA as the coordinator, Mr. Ambar Sthapit, Deputy Director, NTA and Mr. Deepesh Acharya, Deputy Director, NTA has been directed to submit the first phase of report within three months after completing work as per the rule 17 of the Telecommunication Act 2053 B.S.
- 3.1.10.**A Sub-committee has been formed under the coordination of Mr. Nirmal Pradhananga with Mr. Ambar Sthapit, Deputy Director, NTA and Mr. Min Prasad Aryal, Assistant Director, NTA to submit a report within 30 days by formulating Channel Plan, Frequency Plan taking into consideration the current allocation and assignment in the Cellular applications of 450, 800, 900, 1800, 1900 / 2100 MHz Band CDMA, 3G (WCDMA), GSM, EGSM, MF-TDMA technologies and International best practices.
- 3.1.11.**Recommendation has been sent to the Ministry of Information and Communication Radio Frequency Policy Determination Committee to make provision for the testing of Microwave equipment in the 7.5 GHz band for a maximum period of one year and the operator should send the test report to the Authority after the completion of the test.
- 3.1.12.**Tariff of IP Telephony of M/s Broadlink Networks and Communications Pvt. Ltd. has been approved.
- 3.1.13.**Tariff of IP Telephony of M/s Infocom Pvt. Ltd. has been approved.
- 3.1.14.**As M/s. M/S Lal Sahu Distribution Pvt. Ltd. Singapore, Gilat Satellite Networks Ltd. Israel & Square Networks Pvt. Ltd. Nepal have furnished all the details in the reply in response to the Letter of Intent (LoI) issued by the Authority, authority has decided to award Rural Telecommunications Service (RTS) license in the unserved VDC's of

Far West, Mid West, Western & Central Development Region of Nepal after the proposed M/S Smart Telecom Pvt. Ltd of the consortium is duly registered.

**3.1.15.**Tariff of IP Telephony of M/s Worldlink Communications Pvt. Ltd. has been approved.

**3.1.16.**The tariff of M/s Spice Nepal Pvt. Ltd. has been approved as below:

**New Pre-paid Mobile Tariff of SNPL**

Incoming calls	Free
<b>Outgoing National Calls (pulse rate 20 seconds)</b>	
Mero to Mero	Rs. 1.99 per min
Mero to Mero (Friends & Family number)*	Rs. 0.99 per min
Mero to NDCL GSM/CDMA & UTL-LM (with roaming)	Rs. 3.99 per min
Mero to NDCL PSTN/CDMA-Fixed & UTL Fixed	Rs. 3.49 per min
<b>International Calls (pulse rate 20 seconds)</b>	
SAARC countries (Excluding India)	Rs. 25 per min
Asia, /USA, other countries	Rs. 50 per min
India, Peak(6am-8pm)/Off Peak(8pm-6am)	Rs. 20/15 per min
Budget Call 1425/1445(Excluding SAARC Countries)	Rs. 25 per min
<b>MMS</b>	Rs. 3 per message

All prices indicated in the table above are excluding all applicable government taxes.

\* Friends & Family number can be any Mero Mobile number.

**3.1.17.**While providing GMPCS service by selling Inmarsat Service, the following tariff rate has been approved:

All prices are in US\$

Service Packages:

Service Components	Anytime Plan*	Standard Plan	Essential Plan	3. User Allowance Packages <sup>(2)</sup>			
				3.a Entry user	3.b Mid user	3.c High user	3.d Super user
<b>Immarsat Service components</b>							
<b>Package Rate Plans</b>							
Activation charge	39.00	39.00	39.00	39.00	39.00	–	–
Monthly subscription	Free	56.00	72.00	137.00	533.00	4,061.00	9,025.00
Minimum duration in months	12	12	12	3	6	12	12
Monthly inclusive allowance – IP MB	N/A	N/A	N/A	20.00	100.00	750.00	2,000.00
Monthly inclusive allowance – Voice Minutes	N/A	N/A	N/A	N/A	30.00	200.00	300.00
<b>Run on IP charge</b> (in addition to any inclusive usage)	–	–	–	–	–	–	–
Out of bundle IP per MB	8.25	7.70	7.15	6.82	6.05	5.65	4.70
<b>Voice charges</b>	–	–	–	–	–	–	–
Voice rate to fixed	1.27	1.27	1.27	1.27	1.27	1.27	1.27
Voice rate to cellular	1.32	1.32	1.32	1.32	1.32	1.32	1.32
Voice rate to other MSS	–	–	–	–	–	–	–
Voice rate BGAN to BGAN	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Voice rate voicemail (notification is free of charge)	0.97	0.97	0.97	0.97	0.97	0.97	0.97
<b>SMS charges</b>	–	–	–	–	–	–	–
SMS rate	0.65	0.65	–	0.65	0.65	0.65	0.65

\*Min 10MB of data airtime must be paid everymonth for the anytime plan.

\*Government taxes extra.

**3.1.18.** Tariff of SMS based content service of M/s Spice Nepal Pvt. Ltd. has been approved as below:

S.N.	Short Code	Partner	Short Description	Tariff per SMS(NRs.)
1	3232	Entertainment	Color Wallpapers Polyphonic Ringtones	15.00
2	3535	Zone	Ral tones, Animations	20.00

**3.1.19.** Expert Mr. Ramesh Adhikary has been appointed to the post of expert member in the Rural Telecom Development Fund disbursement committee for a period of two years.

**3.1.20.** As the Quality of Mobile (QoS) service provided by M/s Spice Nepal Pvt. Ltd. and M/s Nepal Doorsanchar Company Ltd. is not found to be fulfilling the parameters mentioned in the license after the preliminary study conducted by the Authority and the deep public dissatisfaction over the quality of service of mobile in recent days, the meeting of the authority has decided to issue directive to the operators to submit the details of the QoS they are providing at present and if they are against the prescribed QoS, at what time they will be able to provide service as per the prescribed QoS by one month.

**3.1.21.** The draft license to be issued to the “Network Service” operators has been approved.

**3.1.22.** As per the notice published in the national gazette on 10 Mangsir 2064 B.S. to convert the license of VSAT Network Service Provider and Local Data Network to Network Service, it has been decided to issue Network Service license to those operators who have been issued VSAT NSP License and Local Data Network Service License prior to 18 Ashwin, 2064 B.S.

**3.1.23.** The Authority has decided to award Network Service License to M/s Subisu Cablenet Pvt. Ltd. as per rule 24(2) of Telecommunication Act 2053 B.S. and approve the attached Tariff of the said service.

**3.1.24.** Tariff of IP Telephony of M/s AceCom Pvt. Ltd. has been approved.

**3.1.25.** As requested by the M/s Spice Nepal Pvt. Ltd. to add airtime charge of Rs. 1.99 on the tariff approved earlier for International calls from Prepaid Mobile, the Authority has decided to do so as per the request.

#### **4. Relevant Acts and Regulations:**

- 4.1. Telecommunications Act, 1997 A.D. (2053 B.S.)
- 4.2. Radio Act, 1958 A.D. (2014 B.S.)
- 4.3. Telecommunications Regulations, 1997 A.D. (2054 B.S.)
- 4.4. Radio License Regulation, 1992 A.D. (2049 B.S.)
- 4.5. Telecommunications Policy, 2004 A.D. (2060 B.S.)

## 5. Members of NTA:

Name	Designation
Prof. Dr. Dinesh Kumar Sharma	Chairman
Mr. Mahesh Prasad Adhikari	Member
Mr. Balaram Pradhananga	Member
Mr. Bhesraj Kanel	Member
Mr. Tulasi Bhatta	Member

## 6. Total no. of Licenses issued for different Telecommunications Services : (till 13 March, 2008)

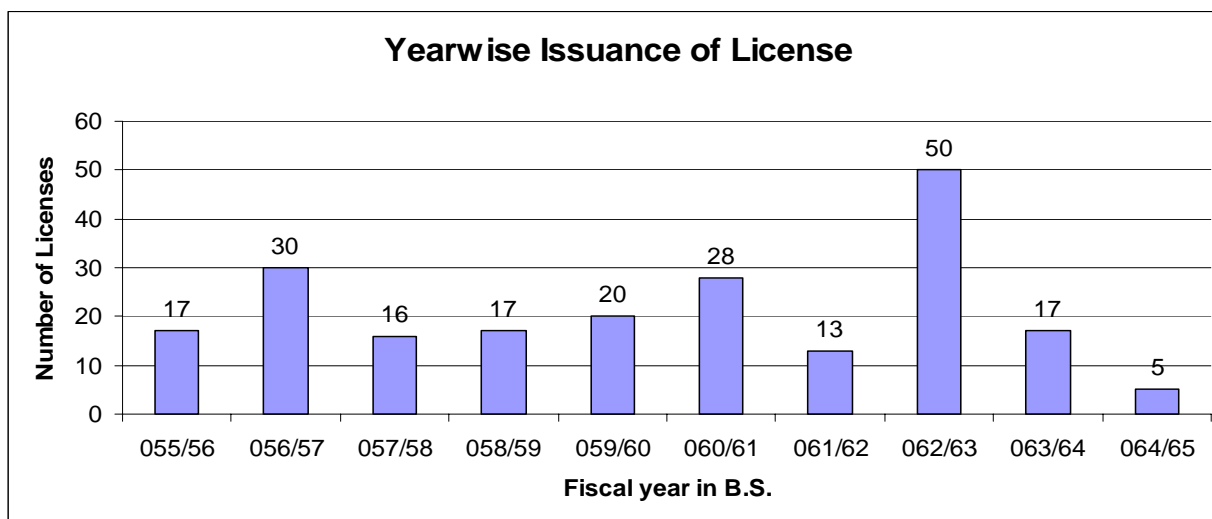
S. No.	Services	No.
(a)	Basic Telephone	2
(b)	Cellular Mobile Telephone	2
(c)	Internet (with e-mail)	45
(d)	Radio Paging	8
(e)	VSAT Network Providers	12
(f)	VSAT Service Users	124
(g)	Fax Mail	6
(h)	Video Conferencing	1
(i)	GMPCS	3
(j)	Rural Telecom Service	1
(k)	Local Data Network	1
(l)	Limited Mobility Service	8
	<b>Total</b>	<b>213</b>

## 7. Glimpse of Licensing Activity:

S. No.	Services	Fiscal Year											License Cancelled	Existing
		055 /56	056 /57	057 /58	058 /59	059 /60	060 /61	061 /62	062 /63	063 /64	064 /65	Total		
1.	Basic Telephone	-	-	1		1	-	-	-	-	-	2	-	2
2.	Cellular Mobile	1	-	-	-	-	-	1	-	-	-	2	-	2
3.	Internet (with e-mail)	9	4	2	3	2	6	6	7	3	3	45	10	35
4.	Radio Paging	1	5	2	-	-	-	-	-	-	-	8	8	0
5.	VSAT Network Providers	2	4	1	3	-	-	-	-	2	-	12	5	7
6.	VSAT Service Users	1	15	8	11	15	20	6	41	7	-	124	14	110
7.	Fax Mail	3	1	2	-	-	-	-	-	-	-	6	6	0
8.	Video Conferencing	-	1	-	-	-	-	-	-	-	-	1	-	1
9.	GMPCS	-	-	-	-	2	-	-	-	1	-	3	-	3
10.	Rural Telecom Services	-	-	-	-	-	1	-	-	-	-	1	-	1



11.	Local Data Network	-	-	-	-	-	1	-	-	-	-	1	-	1
12.	Limited Mobility Service	-	-	-	-	-	-	-	2	4	2	8	-	6
<b>Total</b>		<b>17</b>	<b>30</b>	<b>16</b>	<b>17</b>	<b>20</b>	<b>28</b>	<b>13</b>	<b>50</b>	<b>17</b>	<b>5</b>	<b>213</b>	<b>43</b>	<b>168</b>



## 8. Useful Information:

### License Fee and Renewal Fee for different Value Added Services for a period of 5 years

S. No.	Services	License Fee Rs.	Renewal Fee Rs.
1.	Internet (with e-mail)	300,000.00	270,000.00
2.	E-mail Only	200,000.00	180,000.00
3.	Audio Text/Voice Mail	200,000.00	180,000.00
4.	Video Text	200,000.00	180,000.00
5.	Fax Mail	200,000.00	180,000.00
6.	<b><u>VSAT</u></b>		
	a) VSAT Network Providers	2,500,000.00	2,250,000.00
	b) VSAT Service Users	250,000.00	225,000.00
7.	Audio Conferencing	50,000.00	45,000.00
8.	Pay Phone	3,000,000.00	2,700,000.00
9.	Prepaid Calling Card	3,000,000.00	2,700,000.00
10.	Local Data Network (Business Use)	2,500,000.00	2,250,000.00
11.	<b><u>Radio Paging Services</u></b>		
	a) Country Wide	12,50,000.00	11,25,000.00
	b) Eastern and Central Development Region (without Kathmandu Valley)	5,00,000.00	4,50,000.00
	c) Kathmandu Valley	5,00,000.00	4,50,000.00
	d) Western Development Region	3,00,000.00	2,70,000.00
	e) Mid-western Development Region and Far-western Development Region	2,00,000.00	1,80,000.00
	f) Selected VDCs Only	75,000.00	67,600.00
12.	<b><u>Trunk Mobile Radio</u></b>		
	a) Kathmandu Valley	500,000.00	450,000.00
	b) Pokhara, Biratnagar, Birgunj, Bhairahawa, Bharatpur or Nepalgunj Municipality	250,000.00	225,000.00
	c) Rest of the Places	125,000.00	112,500.00
13.	Video Conferencing	150,000.00	135,000.00

14.	GMPCS	1,500,000.00	1,400,000.00
15.	Limited Mobility Service based on wireless telecommunication to be operated in specified area		
	a) For Area under Kathmandu, Lalitpur, and Bhaktapur area code	60,00,000	54,00,000
	b) For each district (inside own area code) of Morang, Sunsari, Dhanusha, Chitwan, Parsa, Rupandehi, Banke, Kaski, and Kailali	3,00,000	2,70,000
	c) Other district (inside own area code) except those in a) and b)	2,50,000	2,25,000

## 9. Telephone Nos. of NTA:

S. No.	Section	Phone No.	Extension No.
1.	Chairman	2046007	225
2.	Manager	2046006	232
3.	PA Room	**	226
4.	Administration & Account	2046001	213/221/218/219/222/217
5.	Consumer and Economic Analysis	2046002	215/243/220/224
6.	License	2046004	233/238/234/229/226
7.	Rural Telecom		
8.	Legal	2046005	237/247/248
9.	Engineering	2046003	231/236/240/244/230/235/239
10.	Library	**	219
11.	Registration/Operator	**	211/209
12.	Operators No.		+977 -1- 410103030-38
13.	Fax No.		+977-1-4101034

## 10. MIS Committee:

10.1.	Mr. Purushottam Khanal	-	Coordinator
10.2.	Mr. Santosh Paudel	-	Member
10.3.	Mr. Udaya Raj Regmi	-	Member
10.4.	Mr. Suresh Basnet	-	Member
10.5.	Mr. Sunder Pyakurel	-	Member
10.6.	Ms. Pratima Ghimire	-	Member