

Nepal Telecommunications Authority



Management Information System

(Baisakh 2064 - Asadh 2064)

(14 April 2007 - 16 July 2007)

Ashwin 2064 (October 2007)

**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
URL: www.nta.gov.np**

Table of Contents

S. No.		Page No.
	Table of Contents	2
	Preface	3
1.	Introduction	4
2.	Telecom Statistics at a glance	5
3.	Comparison between adjacent quarters	5
4.	Basic Core ICT Indicators	6
5.	Performance of Service Providers	7
5.1	Performance of Fixed service	7
5.2	Performance of Cellular Mobile service	9
5.3	Performance of Rural Telecom service	10
5.4	Performance of Internet service	11
5.5	Performance of GMPCS service	13
6.	Telecom Network of the Country	14
7.	NTA activities during the past three months	14
8.	Rural Telecom Development Fund deposited by Different operators for the fiscal year 062/063	15
9.	Relevant Acts and Regulations	15
10.	Members of NTA	15
11.	Total no. of Licenses issued in the different types of Telecommunication Services	16
12.	Glimpse of Licensing Activities	16
13.	Useful Information	17
14.	List of operators who did not submit data	18
15.	Telephone Nos. of NTA	18
16.	MIS Committee	18
Annexes		
A.	Details of performance of Internet Service Providers	19
B.	Details of performance of Internet Service Providers	20
C.	Details of performance of Internet Service Providers	21
D.	Details of performance of GMPCS service Providers	22
E.	Details of performance of Cellular Mobile service Providers	23
F.	Details of performance of Fixed service Providers	24
G.	Details of performance of Rural Telecom service Providers	25
H.	Details of performance of VSAT NSP	27
I.	NTA Organisation Chart	28
J.	Details of Licensees of different services	29

Preface

Its one year that we have refurbished the outlook of MIS and consequent changes after that. We have received compliments from you and that has always encouraged us doing much better every time we issue the new volume of MIS. However we have felt that the name MIS is not suitably matching the content it carries. It carries itself with the NTA activities, Quality of service of operators, their performance in the quarter etc. So it is felt that the current issue of MIS should be separated into two parts viz. the current name "MIS" which focuses solely on the Management Information System of NTA so the activity of NTA is highlighted and the other is "Performance Indicator Report", that deals primarily with the Quality of Service Parameters of different services, Performance of the operators, the Telecom market of the country etc. so that the customers can look into it before they avail any kind of Telecom Services.

We are hoping this will happen in the next issue at the soonest. Furthermore, we always aspire to get the feedback from you for its improvement.

This MIS report is published every three months and is available in the website http://www.nta.gov.np/mis_report.html. It is to be noted that all the analysis presented in this report is based on the data provided by the operators themselves and no survey being carried out by NTA.

Please feel free to send any comments, suggestions, modifications, improvements, additions etc. addressed to MIS committee, NTA. Tel: +977-1-4101030-38 Fax: +977-1-4101034 Email: mis@nta.gov.np P.O. Box No. 9754 Bluestar Office Complex, Tripureshwor, Kathmandu, Nepal.

1. Introduction:

Using liberalization policy and involving the private sector in a competitive environment for the development and expansion of telecommunication sector in Nepal, then His Majesty's Government of Nepal's decision dated December 25, 1995 has initiated the involvement of the private sector in the development of the telecommunication services. Nepal Telecommunications Authority as an autonomous regulatory body has been established on March 4, 1998 as stipulated within the framework of the [Telecommunication Act 1997 A.D.](#) and Telecommunication Regulation 1997 A.D. to make this work more systematic and regular.

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. Telecom Statistics at a glance (as of 16 July, 2007): (Details in Annex)

2.1. Subscriber base:

Service	Subscribers
Fixed line telephone (PSTN+VSAT+MARTS+VHF)	5,13,352
Mobile Telephone (NDCL + SNPL)	8,68,046 + 7,02,975 = 15,71,021
Post-paid mobile (NDCL + SNPL)	1,17,050 + 4,927 = 1,21,977
Pre-paid mobile (NDCL + SNPL)	7,50,996 + 6,98,048 = 14,49,044
Wireless in Local Loop (NDCL + UTL)	1,61,155 + 89,856 = 2,51,011 (including Limited Mobility + FWT)
GMPCS (Constellation + AVCO + I4 Tech.)	877 + 261 + 24 = 1162
Internet (with E-mail)	62,586
Limited Mobility (UTL + NDCL)	34,725 + 1,18,094 = 1,52,819
VSAT user	110

NDCL: Nepal Doorsanchar Company Limited; SNPL: Spice Nepal Private Limited, UTL: United Telecom Limited

2.2. Average Revenue Per User (ARPU):

Service	ARPU/Month (in Rs.)
Fixed Telephone (Wireline + WLL + Limited Mobility)	989.39
Cellular Service (Prepaid + Postpaid)	396.55
Internet	3317.07
GMPCS	2174.37
Rural Telecom Service	1824.01 (STM only) per PCO

2.3. Service Penetration (1 in 100 population):

Service	Penetration Rate (in %) *
Fixed + Mobile	8.84
Fixed Telephone	2.89
Mobile Service	5.95
Internet (subscribers only)	0.24

* Population is expected to be 2,64,27,399 (source: Central Bureau of Statistics, www.cbs.gov.np)

3. Comparison between adjacent quarters

	QE Poush '63 (Jan '07)	QE Chaitra '63 (April '07)	QE Asadh '64 (July '07)	% change over Poush '63 (6 months)	% change over Chaitra '63 (3 months)
1) Subscriber's Base					
i) Fixed Line (including WiLL, Limited Mobility)	6,35,308	7,06,918	7,64,363	20.31%	8.13%
ii) Mobile (GSM)	10,41,819	13,61,390	15,71,021	50.79%	15.39%
iii) Internet	49,877	51,034	62,586	25.48%	22.64%
2) Average Revenue Per User					
i) Fixed Line	965	949.89	989.39		

ii) Mobile (GSM)	371.20	370.143	396.55		
iii) Internet	3685.87	3596.19	3317.07		
3) Teledensity					
i) Fixed Line	2.46	2.73	2.89	16.26%	5.86%
ii) Mobile (GSM)	4.03	5.26	5.95	47.64%	13.12%
iii) Internet	0.19	0.20	0.24	5.00%	20.00%
Total (Fixed + Mobile)	6.49	7.99	8.84	36.21%	10.64%

QE - Quarter Ending

4. Basic Core ICT Indicators

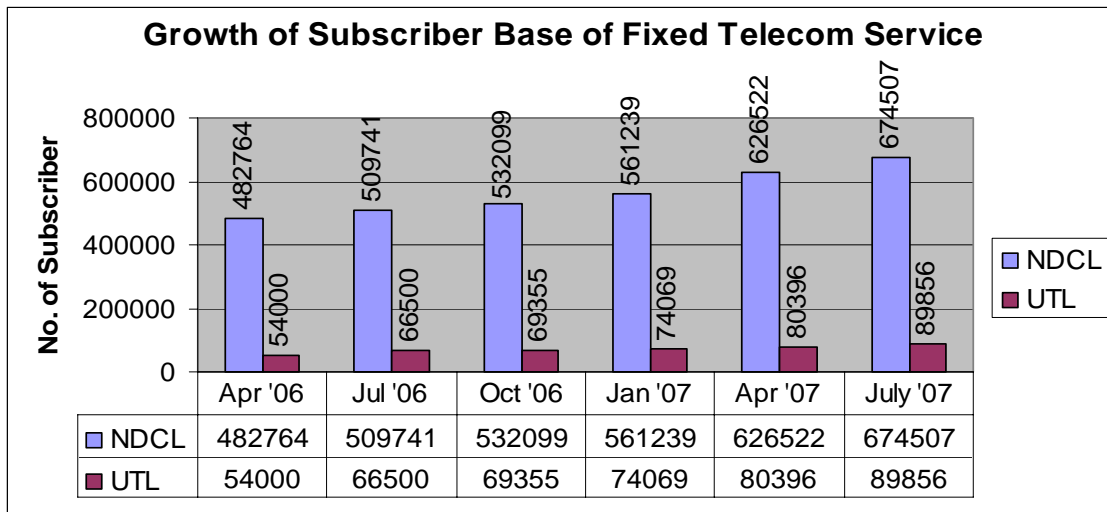
Core Indicators	Definition	
Fixed Telephone lines per 100 inhabitants	<i>Fixed telephone lines</i> refer to telephone lines connecting a customer's terminal equipment (e.g. telephone set, facsimile machine) to the public switched telephone network (PSTN) and which have a dedicated port on a telephone exchange. <i>Fixed telephone lines per 100 inhabitants</i> is obtained by dividing the number of fixed telephone lines by the population and multiplying by 100.	2.89
Mobile Cellular Subscribers per 100 inhabitants	<i>Mobile cellular subscribers</i> refer to users of portable telephones subscribing to an automatic public mobile telephone service using cellular technology, which provides access to the PSTN. Users of both post-paid subscriptions and pre-paid accounts are included. <i>Mobile cellular subscribers per 100 inhabitants</i> is obtained by dividing the number of mobile cellular subscribers by the population and multiplying by 100.	5.95
Computers per 100 inhabitants	<i>Computers</i> measures the number of computers installed in a country. The statistic includes PCs, laptops, notebooks etc, but excludes terminals connected to mainframe and mini-computers that are primarily intended for shared use, and devices such as smart-phones and personal digital assistants (PDAs) that have only some, but not all, of the components of a PC (e.g. they may lack a full-sized keyboard, a large screen, an Internet connection, drives etc.). <i>Computers per 100 inhabitants</i> is obtained by dividing the estimated number computers in use by the population and multiplying by 100.	Not Available
Internet subscribers per 100 inhabitants	An <i>Internet subscriber</i> is someone who pays for access to the public internet (a TCP/IP connection). The statistic is measured irrespective of the type or speed of access, the type of device used to access the Internet, or the method of payment. <i>Internet subscribers per 100 inhabitants</i> is obtained by dividing the number of Internet subscribers by the population and multiplying by 100.	0.24
Broadband Internet subscribers per 100 inhabitants	A <i>Broadband Internet subscriber</i> is someone who pays for high-speed access to the public Internet (a TCP/IP connection). High speed access is defined as being equal to or greater than 256 kbit/s, as the sum of the capacity in both directions. The statistic is measured irrespective of the type of access, or the type of device used to access the Internet, or the method of payment. <i>Broadband Internet subscribers per 100 inhabitants</i> is obtained by dividing the number of Broadband Internet subscribers by the population and multiplying by 100.	Not yet defined in case of Nepal
International Internet Bandwidth per inhabitant	<i>International Internet bandwidth</i> refers to the capacity which backbone operators provision to carry Internet traffic measured in bits per second. <i>International Internet bandwidth per inhabitant</i> is obtained by dividing the amount of bandwidth by the population.	5.50

Percentage of population covered by mobile cellular Telephony	<i>Percentage of population covered by mobile cellular telephony</i> refers to the percentage of a country's inhabitants that live within areas served by a mobile cellular signal, irrespective of whether or not they choose to use it. This should not be confused with the percentage of the land area covered by a mobile cellular signal or the percentage of the population that subscribe to mobile cellular service. Note that this measures the theoretical ability to use mobile cellular services if one has a cellular telephone and a subscription.	Data not available
Internet access tariff (20 hours per month), in US\$, and as a percentage of per capita income	The <i>Internet access tariff</i> includes the tariff components of monthly line rental, line usage charge and Internet access charge, plus any tax that may be levied (as this is a service used by both residential and business consumers). The tariff chosen for a particular country would be the package for 20 hours per month that is the cheapest, that is widely available (or, in the case of regional service providers, is available in the capital city) and is available to the general public without restriction (e.g. excluding in-company or limited time offers, and excluding offers that are bundled with some other service). The price comparison is expressed in a commonly used currency (such as US\$), which could be converted either at the average exchange rate, or at purchasing power parity (PPP) rates. The indicator should be compared, as far as possible, for the same date between countries. <i>As a percentage of per capita income</i> involves dividing the Internet access tariff by the average monthly gross national income <i>per capita</i> of the country.	US\$10.57, 3.92% (previous data included only Internet access charge, so it was revised this time) per capita income is taken as US\$270
Mobile cellular tariffs (100 minutes of use per month), in US\$, and as a percentage of per capita income	The <i>Mobile cellular tariff</i> includes the tariff components of monthly service rental (if relevant), 50 minutes of local peak time calling and 50 minutes of local off-peak calling, plus tax. Differences in the distance of calls, which may be applicable in some countries, are not taken into account, nor are international calls or SMS messages. The possible one-time charge for connection is not taken into account, except where this is bundled into the costs of a pre-paid account. Countries should calculate the tariff either on a post-paid or a prepaid service, whichever one is more popularly used. If more than 50% of the mobile cellular subscribers use pre-paid, then the tariff should also be based on the pre-paid service, and <i>vice versa</i> . The price comparison is expressed in a commonly used currency (such as US\$), which could be converted either at the average an exchange rate, or at purchasing power parity (PPP) rates. The indicator should be compared, as far as possible, for the same date between countries. <i>As a percentage of per capita income</i> involves dividing the mobile cellular tariff by the average monthly gross national income <i>per capita</i> of the country.	US\$7.17, 2.66%
Percentage of localities with public Internet access centers (PIACs) by number of inhabitants (rural/urban)	A <i>public Internet access centre (PIAC)</i> is a site, location, or centre of instruction at which Internet access is made available to the public, on a full-time or part-time basis. This may include digital community centers, Internet cafés, libraries, education centers and other similar establishments, whenever they offer Internet access to the general public. All such centers should have at least one public computer for Internet access. <i>Localities</i> refer to a country's villages, towns and cities. The percentage of localities with public Internet access centers (PIACs) is computed by dividing the number of localities with at least one PIAC by the total number of the country's localities and multiplying by 100. The indicator should be broken down by range of inhabitants.	Not available

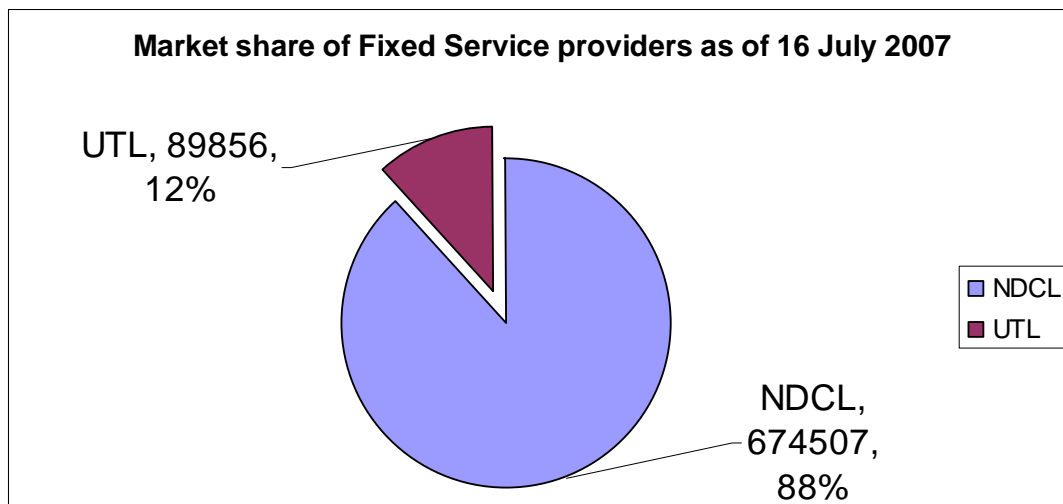
5. Performance of Service Providers:

5.1. Performance of Fixed Service:

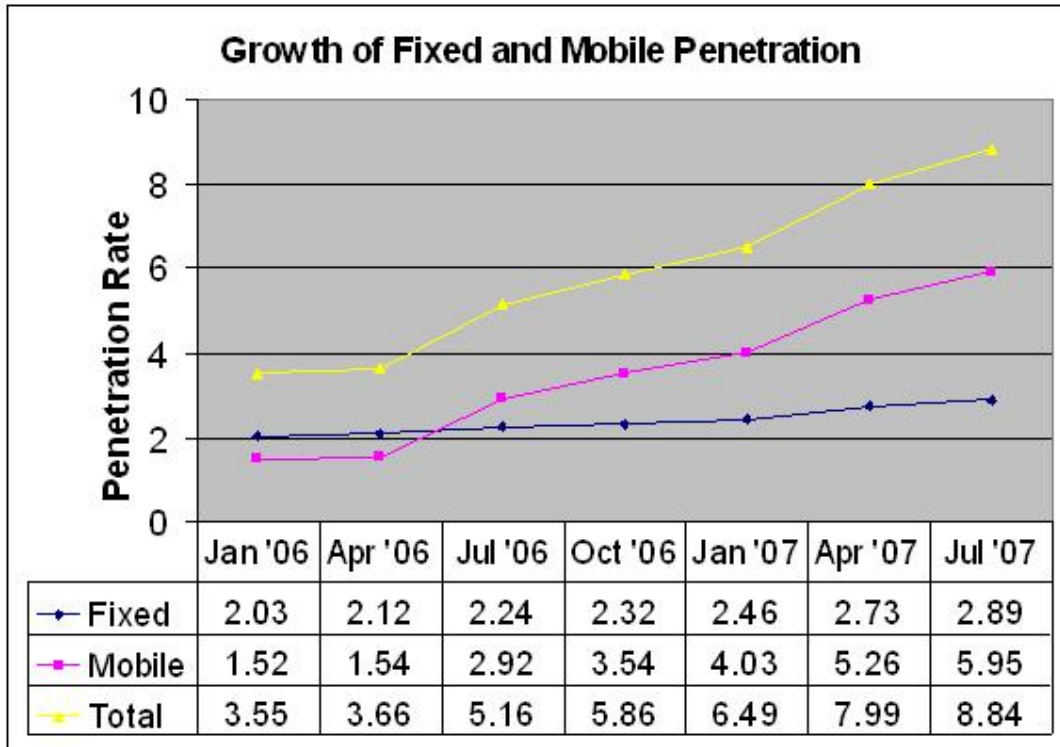
The fixed line penetration has reached 2.89%. The Average Revenue per User (ARPU) has slightly increased to 989.39. This time the market share of NDCL and UTL is steady at 88% and 12% respectively.



NDCL is providing service in all the districts of Nepal through wire-line as well as wireless service. UTL has now extended its service outside Kathmandu valley to Parsa, Makwanpur and Rupandehi. Altogether 5,770 person are being employed in Fixed Telecommunication sector.

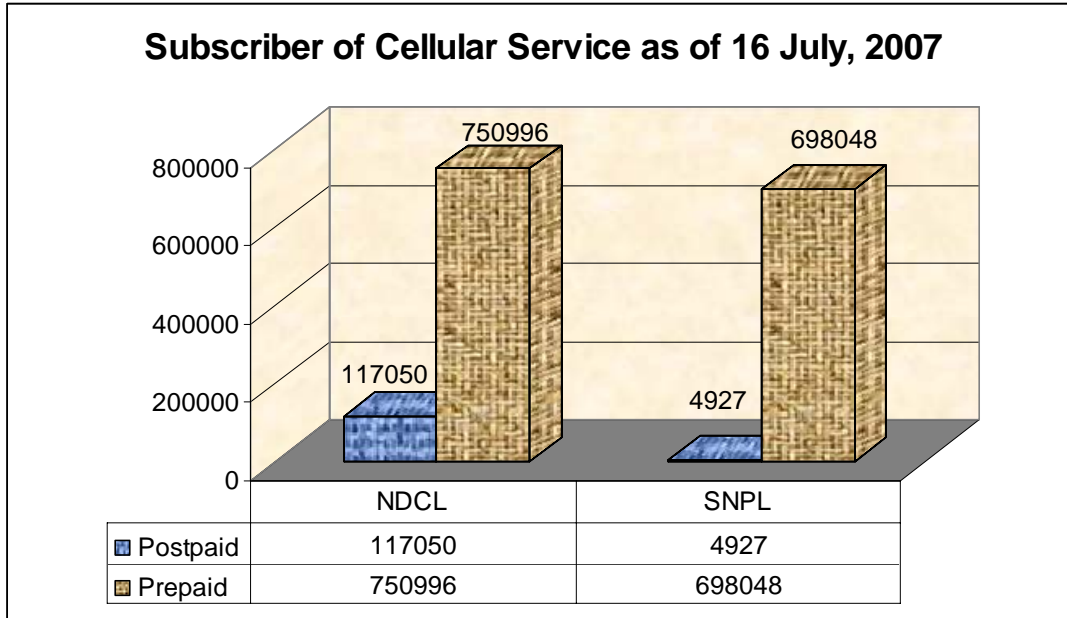


Both operators have obtained license to operate limited mobility service in addition to their fixed service license. The subscriber base of NDCL is 48619 whereas that of UTL is 34725 in Limited Mobility Service. The detailed performance of fixed service providers is illustrated in Annex F.

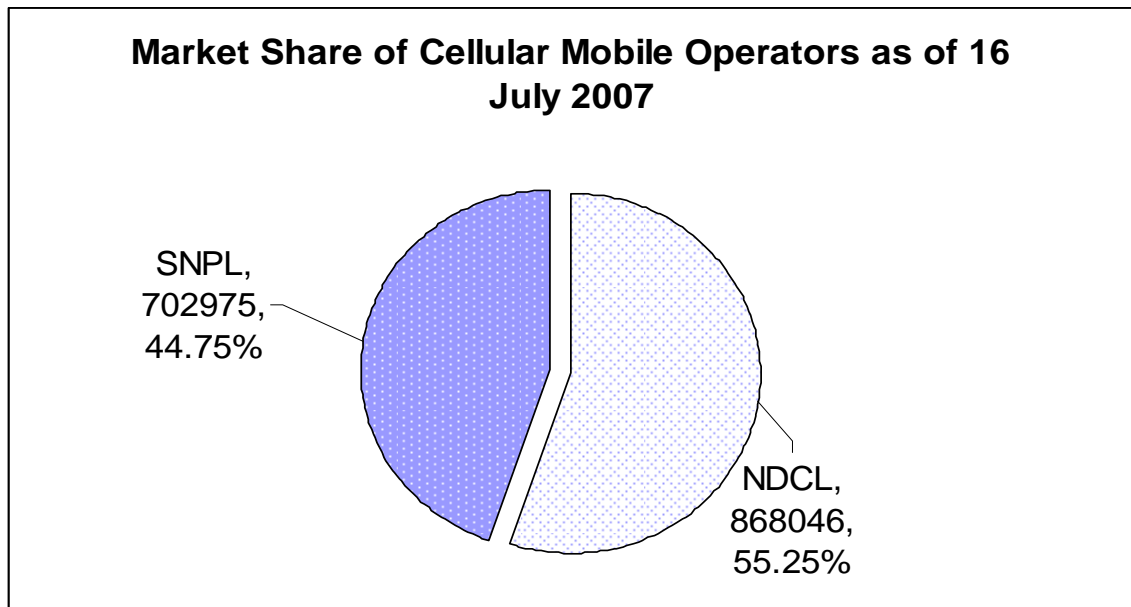


5.2. Performance of Cellular Mobile Service:

The subscriber base of incumbent NDCL has reached 8,68,046 whereas that of Spice Nepal is 7,02,975 hence a total of 15,71,021 subscribers. The number of Postpaid subscribers has gone down by 1644. NDCL distributed 2,629 new lines in the last quarter whereas SNPL distributed 2,12,260 lines in the same period. SNPL now holds 44.75% of the market share, 8.75% more than the previous quarter whereas that of NDCL continued to decrease in this quarter as well, going down to 55.25%. The mobile customer base is growing basically due to prepaid mobile scheme, which has crossed the 1.5 million mark at the end of this quarter. Apart from Kathmandu Valley, NDCL is providing mobile service in 43 districts and Spice Nepal Pvt. Ltd. too has extended its service in 25 districts. The mobile network of NDCL has now 395 (previous data) Base Transceiver Stations (BTSs) whereas SNPL has 315 BTS in 900 and 1800 MHz band. Hence the Number of subscriber to Base Transceiver Station (BTS) ratio of NDCL is 2198 in comparison to 2232 of SNPL. The mobile penetration is increasing steadily to reach 5.95 in this quarter. Total manpower involved in providing this service stands at 566. Comparison between subscriber base of GSM mobile service is shown below.



Market share of SNPL and NDCL as of 16 July, 2007 is as shown below and detailed performance of operators is shown in Annex E.



5.3. Performance of Rural Telecom Service:

NDCL:

Rural service was expanded in Nepal under the Fifth Phase Telecom Project, through Japanese (JICA) and IDA (World Bank) fund. Country's 75 district centres have automatic telecommunications service, including STD and ISD. This access is usually provided by NDCL or a privately operated public call office (PCO) or a phone shop. Sixty-eight district centers have communications services to some neighbouring VDCs by means of 2 Mbps microwave links, MARTS, single channel VHF/UHF or Very Small

Aperture Terminal (VSAT) services. The following table summarizes the types of technology used to provide telecommunications services to the VDCs of Nepal as of 16 July, 2007 (32 Asadh, 2064).

Technology used by NDCL to serve VDCs	
Digital C-DOT (wire line) exchanges	25/4,644 (Exchange/Capacity)
MARTS	158/2,014 (Marts Terminals/ Telephone Subscribers)
VHF/UHF radio	730 (Telephone Subscribers)
Digital microwave (JICA project)	4/56 (Rural Station/Subscriber)
HF radio	4
VSAT	424/679 (Terminals/Telephone lines)
VDCs served with at least one PCO	2813
Telex Service	256/70 (Capacity/Distribution)

STM:

STM has now installed a total of 1793 PCOs in 599 VDCs of Nepal as of 16 July, 2007 through 809 VSAT terminals.

NDCL and STM have achieved the following rural service penetration levels as of 16 July, 2007 (32 Asadh, 2064). Percentages identified in the table refer to the percentage of VDCs with at least one PCO in the specified region.

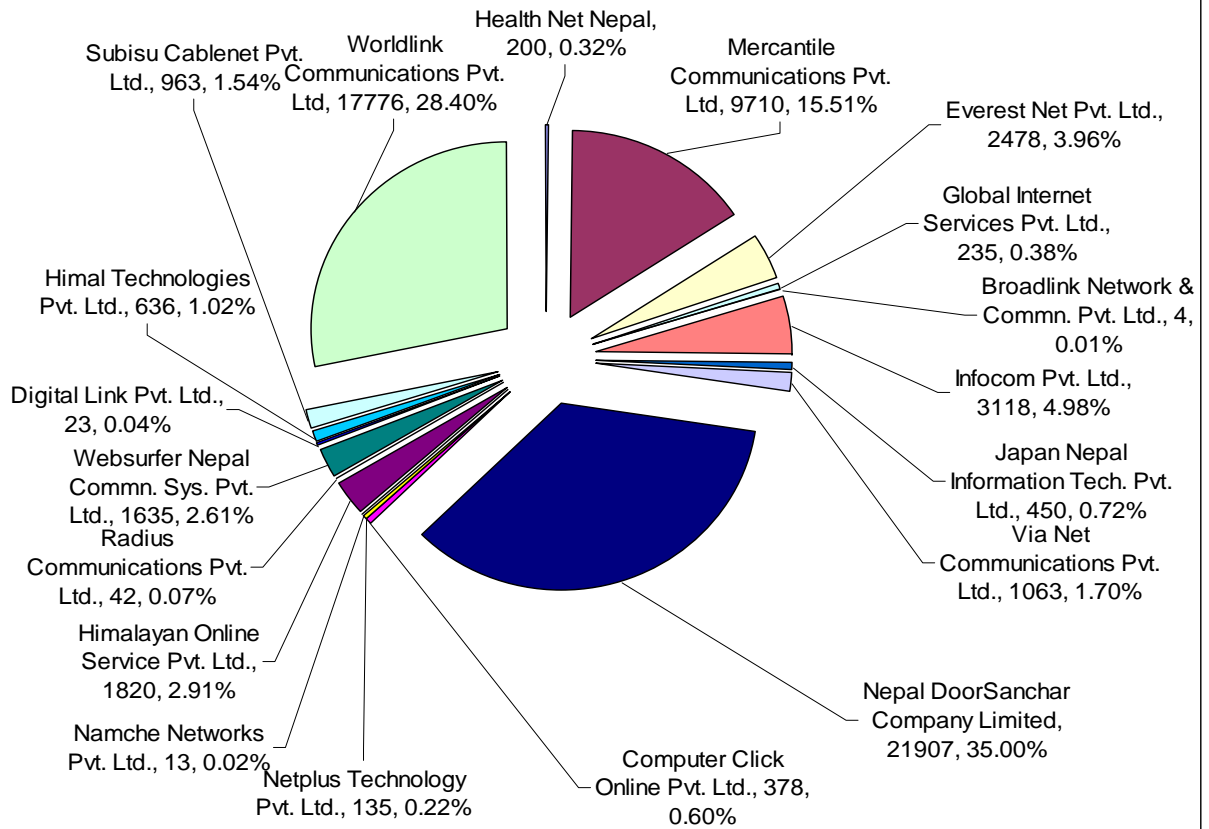
Region	Total VDCs	VDCs Served with at least one PCO	
		By STM*	By NDCL*
Nepal	3,915	599	2813
Eastern Development Region	893	530	577
Central Development Region	1199	2	815
Western Development Region	865	61	702
Mid-Western Development Region	575	6	307
Far-Western Development Region	383	-	198

* - some of the VDCs are overlapped

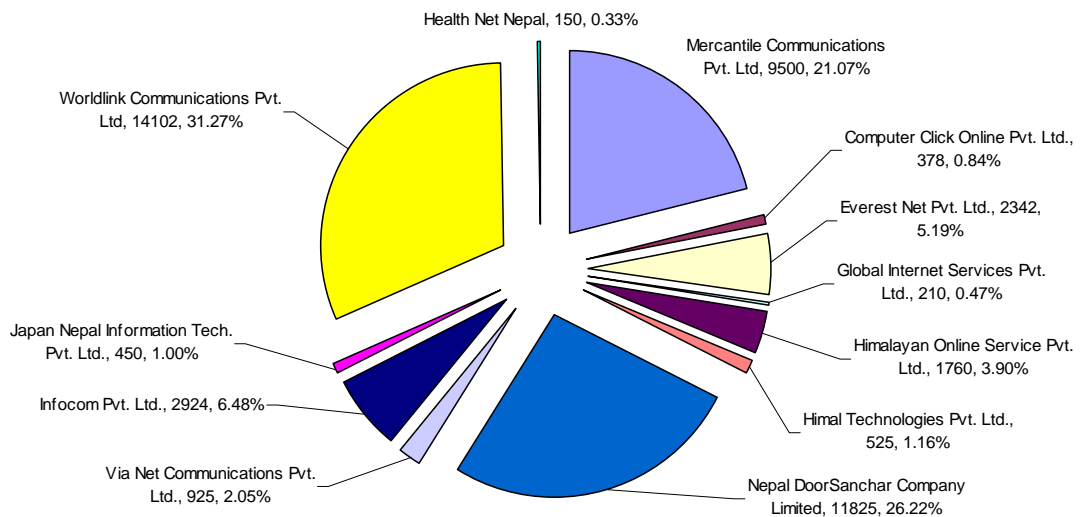
5.4. Performance of Internet Service:

There are currently 32 ISPs in Nepalese market. The penetration has increased by 0.04% in this quarter which is still not very encouraging. Growth of Internet subscriber in the last quarter is 11,552 which is quite satisfactory, thanks to the growth achieved by NDCL. Total International Bandwidth used is in the ratio of 1:2.15 with 44.03 and 94.52 Mbps for uplink and downlink respectively; hence a total of 138.8 Mbps. Number of E1 links and telephone lines used for dialup internet is 122 and 483 respectively. The number of websites hosted has gone up to 1102. Only 199 subscribers have subscribed from ISPs as cybercafés.

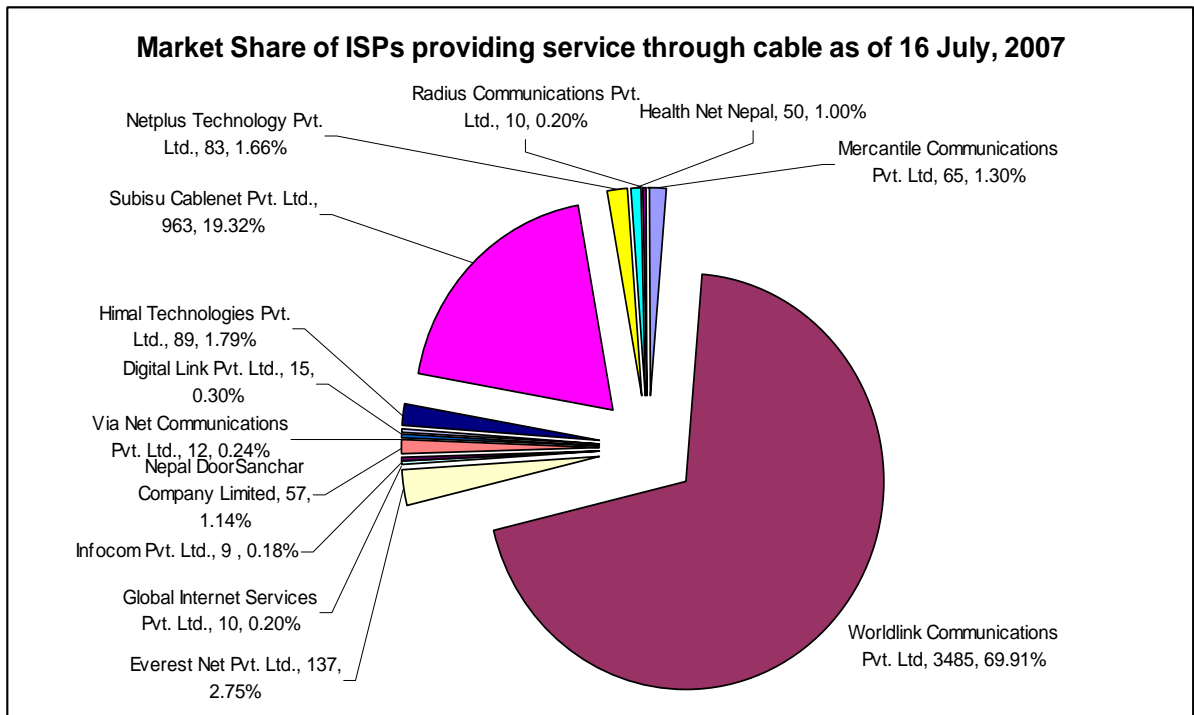
Market Share of ISPs as of 16 July, 2007



Market Share of ISPs providing service trough dialup



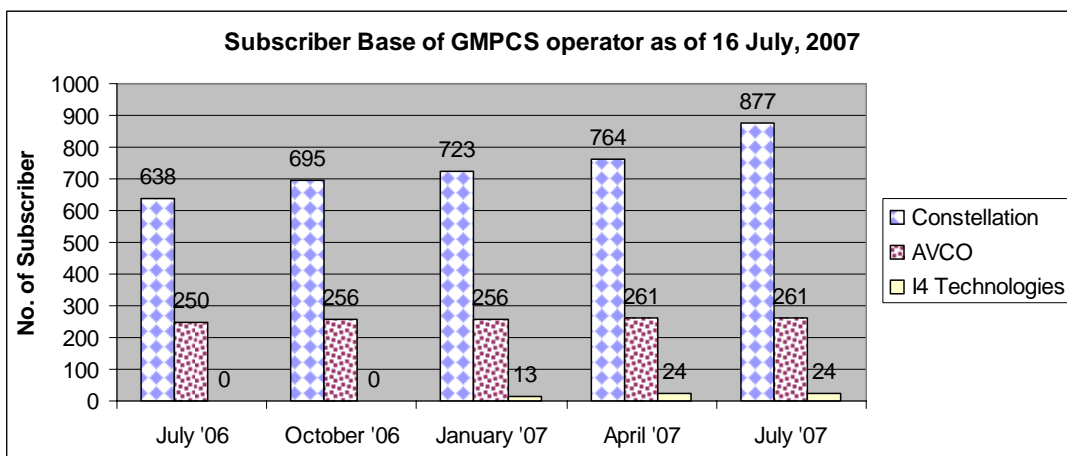
Average Revenue per User (ARPU) has come down to Rs. 3317.07, decreasing by minimal amount of Rs. 279.12 from the last quarter. A total of 775 personnel are engaged in this sector.



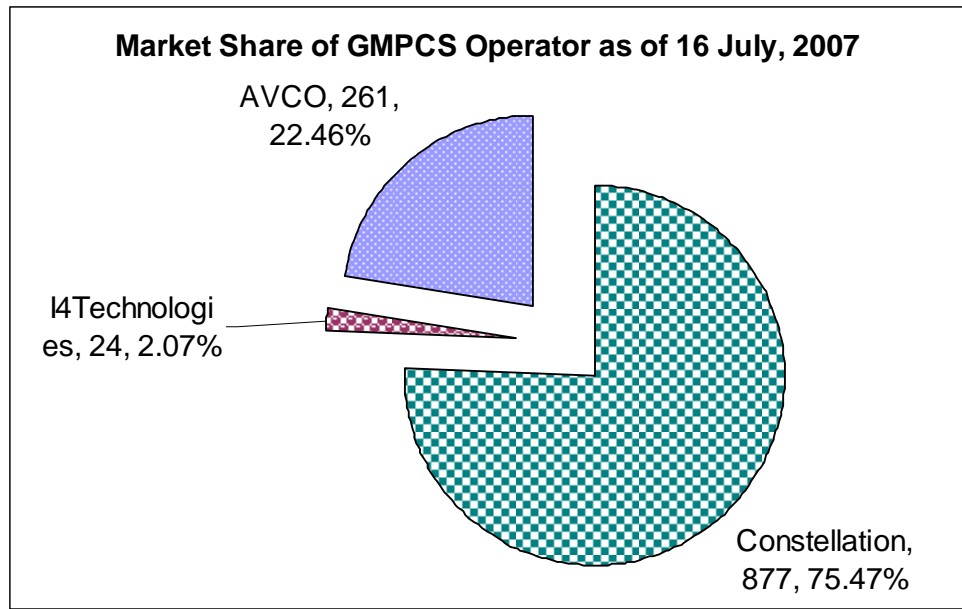
Details are elaborated in Annex A, B and C.

5.5. Performance of GMPCS Service:

The total subscriber base of GMPCS service has now reached 1049. Average Revenue per user for this service stands at Rs. 2174.374.



The comparative chart is shown below. The detailed performance of GMPCS operators is illustrated in Annex D.



6. Telecom Network of the Country:

- 6.1. The Nepal Telecom (NDCL), Nepal's incumbent telecommunications operator, has made significant progress in the growth and development of the national public switched telecommunications network (PSTN) in the last decade, particularly during Nepal's Fifth Phase Telecom Project (1992-97).
- 6.2. With the introduction of new Telecom Operators, the same tempo of growth continues in the ongoing Seventh Phase, with the number of distributed lines increasing from approximately 65,000 in 1992 to over 7,64,363 (PSTN + WLL), Post-paid Mobile Subscribers 1,21,977 and Pre-paid Mobile Subscribers 14,49,044 till 16 July, 2007 (32 Asadh , 2064). The fully digital network offers full national and international direct dialling services.
- 6.3. The national trunk network is equipped with 9202 Mbps, out of which 8434 Mbps link is being used to link Kathmandu with the rest of the country whereas 768 Mbps link is used within Kathmandu Valley. (based on NDCL MIS)
- 6.4. Nepal Doorsanchar Company Limited, the only wireline operator in Nepal has 231 Telephone exchanges in operation at 221 different locations in 72 districts of Nepal. (based on NDCL MIS)
- 6.5. There are a total of 3423 International telephone circuits in operation including Microwave circuits. (based on NDCL MIS)
- 6.6. Total capacity of E1 links installed is 4,601 out of which 3,994 are equipped, 2,273 are currently used and 1,721 is spare. (based on NDCL MIS)

7. NTA activities during the past three months:

- 7.1. Limited Mobility Service License has been issued to United Telecom Limited for Kaski and Rupandehi district.

7.2. VSAT user license has been issued to SNV Nepal, Kumari Bank Ltd. and Namche Networks Pvt. Ltd.

7.3. Internet Serviced Provider license has been issued to Mitra Network Pvt. Ltd.

8. Rural Telecom Development Fund deposited by different operators for the fiscal year 2062/63

S.No.	Name of Operator	ServiceType	RTDF Fee (in Rs.)
1.	United Telecom Limited	Fixed/Limited Mobility	61,65,370/-
2.	Spice Nepal Pvt. Ltd. (Mobile)	Mobile	40,07,932/26
3.	Worldlink Communications Pvt. Ltd.	(ISP)	19,31,112/-
4.	Mercantile Communications Pvt. Ltd.	(ISP)	18,00,000/-
5.	Subisu Cablenet Pvt. Ltd.	(ISP)	5,97,258/-
6.	SITA	(Local Data Network)	4,26,758/-
7.	Websurfer Nepal Communications Pvt. Ltd.	(ISP)	2,57,766/-
8.	Vianet Communications Pvt. Ltd.	(ISP)	2,29,106/50
9.	Infocom Pvt. Ltd.	(ISP)	1,52,864/-
10.	Constellation Pvt. Ltd.	GMPCS	1,02,411/-
11.	Himalayan Online Pvt. Ltd.	(ISP)	70,486/11
12.	Namche Networks Pvt. Ltd.	(ISP)	49,632/-
13.	AVCO International Pvt. Ltd.	GMPCS	22,112/26
14.	Netplus Technology Pvt. Ltd.	(ISP)	17,246/-
15.	Global Internet Services Pvt. Ltd.	(ISP)	14,733/-
16.	Himal Technologies Pvt. Ltd.	(ISP)	13,305/20
17.	Sailung Dot Com Pvt. Ltd.	(ISP)	6,667/-
		Total	1,58,64,759/33

Note: The remaining operators have not yet deposited the due.

9. Relevant Acts and Regulations:

- 9.1. Telecommunications Act, 1997 A.D. (2053 B.S.)
- 9.2. Radio Act, 1958 A.D. (2014 B.S.)
- 9.3. Telecommunications Regulations, 1998 A.D. (2054 B.S.)
- 9.4. Radio License Regulation, 1992 A.D. (2049 B.S.)
- 9.5. Telecommunications Policy, 2004 A.D. (2060 B.S.)
- 9.6. Cyber Law, 2004 A.D. (2061 B.S.)

10. Members of NTA:

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

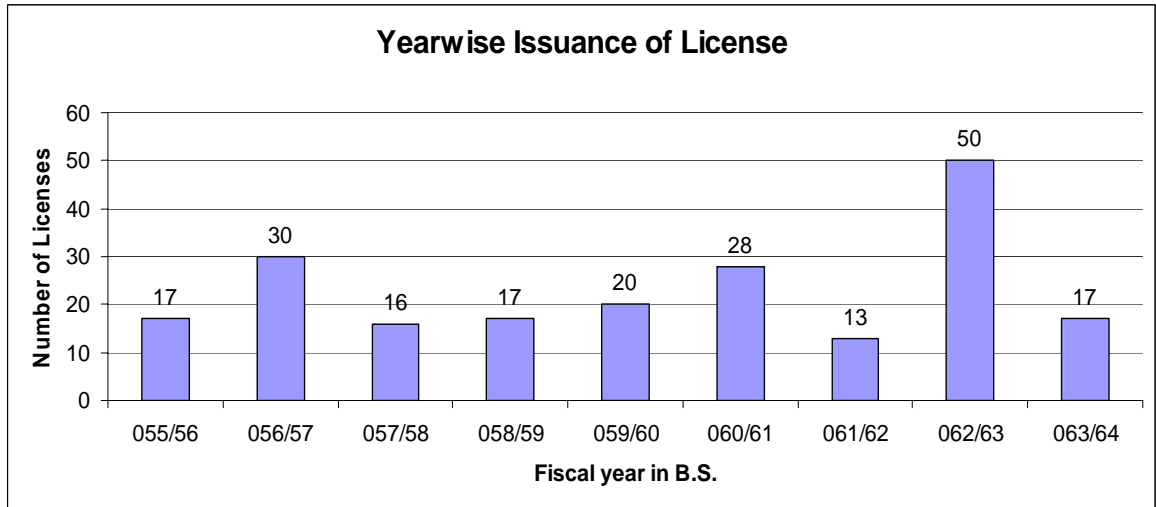
11. Total no. of Licenses issued in different types of Telecommunications Services :

(till 16 July, 2007)

S. No.	Services	No.
(a)	Basic Telephone	2
(b)	Cellular Mobile Telephone	2
(c)	Internet (with e-mail)	42
(e)	Radio Paging	8
(f)	VSAT Network Providers	12
(g)	VSAT Service Users	124
(h)	Fax Mail	6
(i)	Video Conferencing	1
(j)	GMPCS	3
(k)	Rural Telecom Service	1
(l)	Local Data Network	1
(m)	Limited Mobility Service	6
	Total	208

12. Glimpse of Licensing Activities:

S. No.	Services	Fiscal Year										Existing	
		055 /56	056 /57	057 /58	058 /59	059 /60	060 /61	061 /62	062 /63	063 /64	Total		License Cancelled
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	42	10	32
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	6	-	6
	Total	17	30	16	17	20	28	13	50	17	208	43	165



13. Useful Information:

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

S. No.	Services	License Fee	Renewal Fee
		Rs.	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.	<u>VSAT</u>		
	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.	<u>Radio Paging Services</u>		
	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.	<u>Trunk Mobile Radio</u>		
	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

14. List of operators who did not submit data

S. No.	Name of Operator	License Category	Remarks
1.	Worldlink Communications Pvt. Ltd.	VSAT NSP	Not Submitted
2.	Communications and Communicate Pvt. Ltd.	VSAT NSP	Not Submitted
3.	I MAX Pvt. Ltd.	VSAT NSP	Not in Contact
4.	Worldlink Communications Pvt. Ltd.	ISP	Not Submitted
5.	Global Internet Services Pvt. Ltd.	ISP	Not Submitted
6.	I MAX Pvt. Ltd.	ISP	Not in Contact
7.	Sailung Dot Com Pvt. Ltd.	ISP	Not in Contact
8.	Cyber Space Pvt. Ltd.	ISP	Not in Contact
9.	Spacetime Internet Pvt. Ltd.	ISP	Service Not started
10.	Pokhara I-net Pvt. Ltd.	ISP	Not in Contact
11.	Japan Nepal Information Technology Pvt. Ltd.	ISP	Not Submitted
12.	Personal Broadband Nepal Pvt. Ltd.	ISP	Service Not started
13.	IP Communications Pvt. Ltd.	ISP	Service Not started
14.	Healthnet Nepal	ISP	Not Submitted
15.	Global Plus Networks Pvt. Ltd.	ISP	Not Submitted
16.	Buddha Net Pvt. Ltd.	ISP	Not in Contact
17.	Stupanet Pvt. Ltd.	ISP	Not in Contact
18.	Spice Nepal Pvt. Ltd.	ISP	Service Not started
19.	Broadlink Network and Communications Pvt. Ltd.	ISP	Not Submitted
20.	Computer Clickonline Pvt. Ltd.	ISP	Not Submitted

ISP: Internet Service Provider; VSAT NSP: VSAT Network Service Provider

NB: Operators who submitted data once before, their data has been retained in this issue as well for analysis

15. 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	2046002	215/243/220/224
6.	License and Rural Telecom	2046004	233/238/234/229/226
7.	Legal	2046005	237/247/248
8.	Engineering	2046003	231/236/240/244/230/235/239
9.	Library	**	219
10.	Registration/Operator	**	211/209
11.	Operators No.		+977 -1- 410103030-38
12.	Fax No.		+977-1-4101034

16. MIS Committee:

- 16.1. Mr. Arjun Ghimire
- 16.2. Mr. Udaya Raj Regmi
- 16.3. Ms. Pratima Ghimire

Annex A - Details of performance of Internet Service Providers

	Number of Subscriber (Total)	Number of Subscriber (Dialup)	Number of Subscriber (Wireless)	Number of Subscriber (Cable)	Number of Subscriber (CAT 5)	Number of Subscriber (Coaxial)	Number of Subscriber (Fiber)	Number of Nodes (Point of Presence)	Number of Cybercafes
Mercantile Communications Pvt. Ltd	9710	9500	145	65	-	-	-	2	7
Worldlink Communications Pvt. Ltd	17776	14102	189	3485	-	-	-	14	0
Everest Net Pvt. Ltd.	2478	2342	-	137	-	-	-	-	-
Global Internet Services Pvt. Ltd.	235	210	15	10	-	-	-	1	20
Himalayan Online Service Pvt. Ltd.	1820	1760	20	-	40	-	-	2	33
Infocom Pvt. Ltd.	3118	2924	12	9	173	-	-	-	-
Nepal DoorSanchar Company Limited	21907	11825	10025 (CDMA/GPRS)	57	-	-	-	19	-
Via Net Communications Pvt. Ltd.	1063	925	116	12	12	0	0	6	18
Websurfer Nepal Commn. Sys. Pvt. Ltd.	1635	-	400	-	2950	-	223	110	55
Digital Link Pvt. Ltd.	23	N/A	8	15	15	N/A	N/A	N/A	7
Himal Technologies Pvt. Ltd.	636	525	22	89	85	-	4	3	15
Subisu Cablenet Pvt. Ltd.	963	N/A	N/A	963	N/A	862	101	8	4
Japan Nepal Information Tech. Pvt. Ltd.	450	450	-	-	-	-	-	1	-
Computer Click Online Pvt. Ltd.	378	378	-	-	-	-	-	1	-
Netplus Technology Pvt. Ltd.	135	-	52	83	-	-	-	3	24
Health Net Nepal	200	150	-	50	-	-	-	1	-
Namche Networks Pvt. Ltd.	13	-	13	-	-	-	-	5	7
Broadlink Network & Commn. Pvt. Ltd.	4	-	4	-	-	-	-	1	0
Radius Communications Pvt. Ltd.	42	-	32	10	-	-	-	1	9
TOTAL	62586	45091	1028	4985	3275	862	328		199

Annex B - Details of performance of Internet Service Providers

	Number of E1 Links (for dialup only)	Number of Telephone lines (for dialup only)	Number of websites hosted:	Average Revenue Per User (ARPU)	Minutes of Use Per subscriber per month (for dialup only)	Service Activation Time (for dialup only)	Time to Access (for dialup only)	Mean Time to Restore	NpIX Connection (Directly or Indirectly)
Mercantile Communications Pvt. Ltd	18	251	262	800	4200	Immediate	<1min	<1hr	Directly
Worldlink Communications Pvt. Ltd	37	90	402	8000	3900	<24hrs	<60secs	<24hrs	Directly
Everest Net Pvt. Ltd.	6	-	147	394	847	24hrs	24hrs	<24hrs	Directly
Global Internet Services Pvt. Ltd.	1	-	1	-	-	245hrs	-	-	Directly
Himalayan Online Service Pvt. Ltd.	5	-	-	1815	-	Instantly	40-60secs	2hrs	Indirectly
Infocom Pvt. Ltd.	3	55	-	-	-	24hrs	24hrs	-	Directly
Nepal DoorSanchar Company Limited	41	-	4	400	1,300.00	<2mins	<1mins	<10mins	Directly
Via Net Communications Pvt. Ltd.	4	0	19	1500		Instantly	24 Hrs	-	Directly
Websurfer Nepal Commn. Sys. Pvt. Ltd.	1	-	20	15000	-	-	-	5mins	Directly
Digital Link Pvt. Ltd.	N/A	N/A	3	1856	N/A	N/A	N/A	10mins	-
Himal Technologies Pvt. Ltd.	1	-	10	500	-	15mins	15mins	3hrs	Indirectly
Subisu Cablenet Pvt. Ltd.	N/A	N/A	2	5000	N/A	N/A	N/A	<1hr	Directly
Japan Nepal Information Tech. Pvt. Ltd.	1	50	50	-	-	24hrs	<30secs	4hrs	-
Computer Click Online Pvt. Ltd.	3	30	1	270	800	10mins	<30secs	<1hr	Directly
Netplus Technology Pvt. Ltd.	-	-	-	2280	-	24hrs	12hrs	6hrs	Directly
Health Net Nepal	1	7	50	500	900	24hrs	-	4hrs	Directly
Namche Networks Pvt. Ltd.	-	-	10	-	-	-	-	-	Directly
Broadlink Network & Commn. Pvt. Ltd.	-	-	1	4000	-	-	-	1hr	Directly
Radius Communications Pvt. Ltd.	-	-	120	2500	-	2hrs	-	1hr	Directly

122

483

1102

Annex C - Details of performance of Internet Service Providers

	If Indirectly, via	International Bandwidth	Uplink (kbps)	Downlink (kbps)	Provision of Redundancy or not	Total working Manpower	Technical	Administrative	Female	No. of bills issued/month	No. of complaints on billing/month	No. of clearance/month	Total Revenue (FY 063/064)	Total Annual Investment (FY063/064)
Mercantile Communications Pvt. Ltd	-	20480	5120	15360	YES	135	102	33	-	600	8	6	-	-
Worldlink Communications Pvt. Ltd	-	22008	5764	16244	YES	135	80	55	-	17776	10%	100%	-	-
Everest Net Pvt. Ltd.	-	1280	256	1024	YES	65	15	50	-	389	5	100%	-	-
Global Internet Services Pvt. Ltd.	-	768	256	512	-	22	-	22	-	30	-	-	-	-
Himalayan Online Service Pvt. Ltd.	World Link	2688	2048	640	YES	27	9	18	-	150	None	-	-	-
Infocom Pvt. Ltd.	-	3840	2048	1792	-	28	12	5	-	4	-	-	-	-
Nepal DoorSanchar Company Limited	-	53248	18432	34816	YES	30	14	16	-	All Prepaid	-	-	-	-
Via Net Communications Pvt. Ltd.	-	5233	1329	3904	-	15	6	6	3	110	0	110	1 Crore 50 Lakh	30 Lakh in assets purchased
Websurfer Nepal Commn. Sys. Pvt. Ltd.	-	14336	4096	10240	YES	77	50	27	-	500	-	-	-	-
Digital Link Pvt. Ltd.	-	348	92	256	N/A	5	3	2	-	12	N/A	10	-	-
Himal Technologies Pvt. Ltd.	Websurfer	768	256	512	YES	12	6	6	-	310	<5%	>90%	-	-
Subisu Cablenet Pvt. Ltd.	N/A	10834	3264	7570	Yes	150	122	28	11	-	1%	100%	Not yet audited	Not yet audited
Japan Nepal Information Tech. Pvt. Ltd.	-	384	128	256	YES	15	5	10	-	-	-	-	-	-
Computer Click Online Pvt. Ltd.	-	384	128	256	-	7	3	4	-	335	5%	100%	-	-
Netplus Technology Pvt. Ltd.	-	1012	256	756	-	11	-	11	-	135	-	-	-	-
Health Net Nepal	-	826	256	570	-	-	-	-	-	5	0	-	-	-
Namche Networks Pvt. Ltd.	-	-	-	-	NO	8	5	3	-	13	No	-	10 lakhs	5 lakhs
Broadlink Network & Commn. Pvt. Ltd.	-	640	128	512	YES	15	-	15	-	4	-	-	-	-
Radius Communications Pvt. Ltd.	-	2800	1228	1572	YES	18	12	6	-	-	-	-	-	-
		141877	45085	96792		775	444	317						

Annex D - Details of performance of GMPCS Service Providers

		Constellation	I4Technologies	AVCO
1.	Number of Subscribers	877	24	261
2.	Average Revenue Per User (ARPU) in Rs.	2000	26142.5	556.33
3.	Traffic (Minutes of Use)/line/month	8.2	143.64 MB (Data) + 4.51 Min (Voice)	0.703 minutes of use/line/month
4.	Quality of Service			
4.1.	GMPCS/GMPCS call completion ratio	100	100%	1:1
4.2.	GMPCS/Other Network call completion ratio	100	99%	90%
4.3.	Call Drop rate	No	1%	10%
4.4.	Customer reported service complaints/subscriber/month	0.15	0	1%
4.5.	Faults/100subscribers/month	0.1	0	0.5%
5.	Billing			
5.1.	Bills issued/Month	140	21	15 (for postpaid subscriber per month)
5.2.	Complaints on Billing/Month	No	0	0
5.3.	Clearance on billing complaints/Month	No	N/A	0
5.4.	% customer reported service complaints/100 DEL/month	No	0.01%	2%
5.5.	Faults per 1000 DELs/Month	No	0.001	10%
6.	Total Revenue (FY063/064)		NRs. 5446739.71	
7.	Total Annual Investment in Fixed Telecom (FY063/064)		N/A	
8.	Number of Currently Working Staffs	22	8	3
8.1.	Administrative	17	5	2
8.2.	Technical	5	3	1
8.3.	Female		3 (Administration Section)	
9.	Name of the Organisation:	Constellation Pvt. Ltd	I4 Technologies Pvt. Ltd.	AVCO International Pvt. Ltd.
10.	Name of the Contact Person:	Sanatan Gajurel	Er. Om Prajapati	Vicky Jha
10.1.	Phone No.	5548836/5549252/9851039689	00977-9841257666	4229886
10.2.	E-mail Address	admin@constellation.com.np	info@satelliteinnepal.com	vickyjha@soi.com.np
10.3.	Fax No:	5548879	00977-1-4238377	

Annex E - Details of performance of Cellular Mobile Service Providers

Name of the Cellular Operator	NDCL	SNPL
1. Number of Subscribers (Postpaid)	117050	4927
2. Number of Subscribers (Prepaid)	750996	698048
3. Service areas in terms of district (No. of district):	43	25
4. Average Revenue per user (ARPU in Rs.)	975.00 Post Paid	427.73
5. Traffic Mou (Minutes of Use/Subscriber/Month)	506.6 Post Paid	
7. Traffic (in Minutes)		112.43
7.1. Local	55153751.11 Postpaid	41.99
7.1. Domestic Long Distance (To PSTN or WiLL)	3652410.23 Postpaid	19.85
7.2. International Long Distance	204769.13 Postpaid	1.78
8. Quality of Service		
8.1 Cellular to Cellular Call Completion Ratio	65%	98.40%
8.2 PSTN to Cellular Call Completion Ratio	71%	98.40%
8.3 Cellular to PSTN Call Completion Ratio	68%	46.20%
8.4 Call Drop Rate	0.23	0.30%
8.5 % of Telephone Faults cleared by next working day		
8.6 End to End delivery time for Short Message Service:	3-4 Sec	10 sec
8.7. Completion Rate for SMS:	90%	73.80%
9. Total Capacity of Mobile Exchange		1.35 million
10. Number of Local Telephone Calls (within network) (FY063/064)		
11. Local Telephone call in minutes (within network) (FY063/064)		
12. Total Annual Investment in Mobile Telephony (FY063/064)		2310176039
13. Billing		
13.1. No. of bills issued per month (postpaid)	116824	3431
13.2. No. of complaints on billing per month (postpaid)	0	3
13.3. % of clearance on billing complaints per month (postpaid)	100	100%
13.4. No. of complaints on billing per month (prepaid)	0	20
13.5. % of clearance on billing complaints per month (prepaid)	100	100%
14. Total Revenue of the Fiscal Year 063/064 (06/07)		1663202046
14.1. Local (Within own Mobile Network)		
14.2. National Long Distance (another mobile network + PSTN)		
14.3. International Long Distance		
15. Number of Base Transceiver Station (BTS):	395	315
16. Number of currently working staffs		272
16.1. Technical		115
16.2. Administrative		131
16.3. Female		64
17. Name of the Organisation:	Nepal Telecom	Spice Nepal Pvt. Ltd
18. Name of the Contact Person:		Soma Thapa
18.1. Phone No.		9802100021
18.2. E-mail Address		soma.thapa@spicenepal.com
18.3. Fax No:		9805554488
19. Web Address:	www.ntc.net.np	www.spicenepal.com
20. Web Content in Nepali Language available or not	No	No

Annex F - Details of Performance of Fixed Telephone Service Providers

		NDCL	UTL
1.	Number of Subscribers	674507	89856
1.1.	Number of subscribers (Districtwise) (Attach extra sheet)		
2.	Service areas in terms of district (No. of district)	72	6
3.	Average Revenue per user (ARPU in Rs.)	1043	586.95
4.	Traffic MoU (Minutes of Use/Subscriber/Month)		326.09
5.	Total Traffic (in Minutes)		
5.1.	Local		71794987
5.2.	Domestic Long Distance		11245716
5.3.	International Long Distance		813944
6.	Quality of Service		
6.1.	Call Completion Ratio (%)	N/A	
6.1.1.	Local	N/A	> 99%
6.1.2.	Domestic	N/A	> 98%
6.1.3.	International	N/A	100%
6.2.	PSTN to Cellular Call Completion Ratio	N/A	Not Applicable
6.3.	Cellular to PSTN Call Completion Ratio	N/A	Not Applicable
6.4.	% call to operator answered in less than 30 seconds	N/A	100%
6.5.	% call attempts not receiving connection	N/A	< 2%
6.6.	Call Drop Rate (%)	N/A	< 1%
6.7.	% customer reported service complaints/100 DEL/month	8.02%	1.46
6.8.	Faults per 1000 DELs/Month	N/A	6.40
6.9.	% of Telephone Faults cleared by next working day	60.00%	99%
7.	Total Capacity of Local Public Switching exchanges	656070	Not Applicable
8.	Telephone circuits available		
8.1.	Total National Circuits Available		4012
8.2.	Total International Circuits Available	3423	477
9.	Number of Local Telephone Calls (FY063/064)	2929582231	118107006
10.	Local Telephone call in minutes (FY063/064)		269437488
11.	No. of National Long Distance Telephone calls (including to Mobile) FY063/064)	229403610	8429125
12.	National Long Distance Telephone in minutes (including to Mobile) (FY063/064)		27825847
13.	Total International Incoming Telephone Calls (FY063/064)	88833508	1739917
14.	Total International Incoming Telephone minutes (FY063/064)		6876029
15.	Total International Outgoing Telephone Calls (FY063/064)	48026430	1069528
16.	Total International Outgoing Telephone Minutes (FY063/064)		2928903
17.	Total Revenue (FY063/064)		
17.1.	Local	3217904060	218872390.00
17.2.	National Long Distance	1668444712	95628417.00
17.3.	International Long Distance	1401212990	60529266.00
18.	Total Annual Investment in Fixed Telecom (FY063/064)		
19.	Billing		
19.1.	Bills issued/month (Nos)		85930
19.2.	Complaints on billing/Month		NA
19.3.	Clearance on billing complaints/Month		NA
20.	Number of Subscribers(Limited Mobility)	48619	34725
21.	Service areas in terms of district (LM) (No. of district)	N/A	6
22.	Number of Currently Working Staffs	5699	71
22.1.	Administrative	N/A	24
22.2.	Technical	N/A	31
22.3.	Female	N/A	16

Annex G - Details of Performance of Rural Telecom Service Providers

1	Number of Terminals (Total):			809
2	Number of Terminals (Districtwise)			809
3	Number of Telephone Lines (Total):			1793
4	Number of VDCs Covered (Attach extra sheet for VDC list)			599
5	Number of Telephone Lines (Districtwise):			
5.1.	Bhojpur	76	5.15.	Terhathum 29
5.2.	Dhankutta	72	5.16.	Udayapur 74
5.3.	Ilam	68	5.17.	Sindhupalchwok 8
5.4.	Jhapa	58	5.18.	Tanahu 8
5.5.	Khotang	162	5.19.	Lamjung 27
5.6.	Morang	76	5.20.	Manang 49
5.7.	Okhaldhunga	105	5.21.	Mustang 46
5.8.	Panchthar	83	5.22.	Myagdi 49
5.9.	Saptari	189	5.23.	Gorkha 3
5.10.	Sankhuwasava	48	5.24.	Baglung 76
5.11.	Siraha	235	5.25.	Surkhet 4
5.12.	Solukhumbu	71	5.26.	Ramechhap 4
5.13.	Sunsari	62	5.27.	Jajarkot 2
5.14.	Taplejung	89	5.28.	Rolpa 20
6	Average Revenue Per User (ARPU): (Rs.)			1824.01
7	Traffic MoU (Minutes of Use/Subscriber/month):			335.28
8	Quality of Service:			
8.1.	Call Completion Ratio:			
8.1.1	Local (STM's Network)			96%
8.1.2.	Local (Other Licensee's Network)			92%
8.1.3.	Domestic (STM's Network)			98%
8.1.4	Domestic (Other Licensee's Network)			93%
8.1.5	International			96%
8.2.	Call Setup Time:			2-3 sec.
	Maximum all-inclusive transmission delay for a single hop satellite call (in each direction):		270 ms to 290 ms in one direction	
8.3.	Call Drop Rate:			0.50%
8.4.	Percentage customer reported service complaints (per 100 RTS Lines) per month:			3%
8.5.	Faults per 100 RTS lines per month:			30
8.6.	Fault Clearance Rate (in days)			3
8.7.	% of Telephone Faults cleared by next working day			
8.8.				
9	Total Capacity of Local Public Switching exchanges			
10	Telephone circuits available			
11	Number of Local Telephone Calls (FY063/064)			194614
12	Local Telephone call in minutes (FY063/064)			406337
13	No. of National Long Distance Telephone calls (including to Mobile) (FY063/064)			454268
14	National Long Distance Telephone in minutes (including to Mobile) (FY063/064)			1248871.35
15	Total Revenue (FY063/064)			
15.1.	Local			583467.34
15.2.	National Long Distance			5476446.00
15.3.	International Long Distance			3692003.00
16	Total Annual Investment (FY063/064)			
17	Billing			
17.1.	No. of bills issued per month:			200
17.2.	No. of complaints on billing per month:			2
17.3.	No of clearance on billing complaints per month:			1
18	Total Traffic (in minutes)			

18.1.	Local	406337
18.2.	Domestic Long Distance	1248871
18.3.	International Long Distance	137266
19	Number of Currently Working Staffs	138
19.1.	Administrative	39
19.2.	Technical	94
19.3.	Female	5

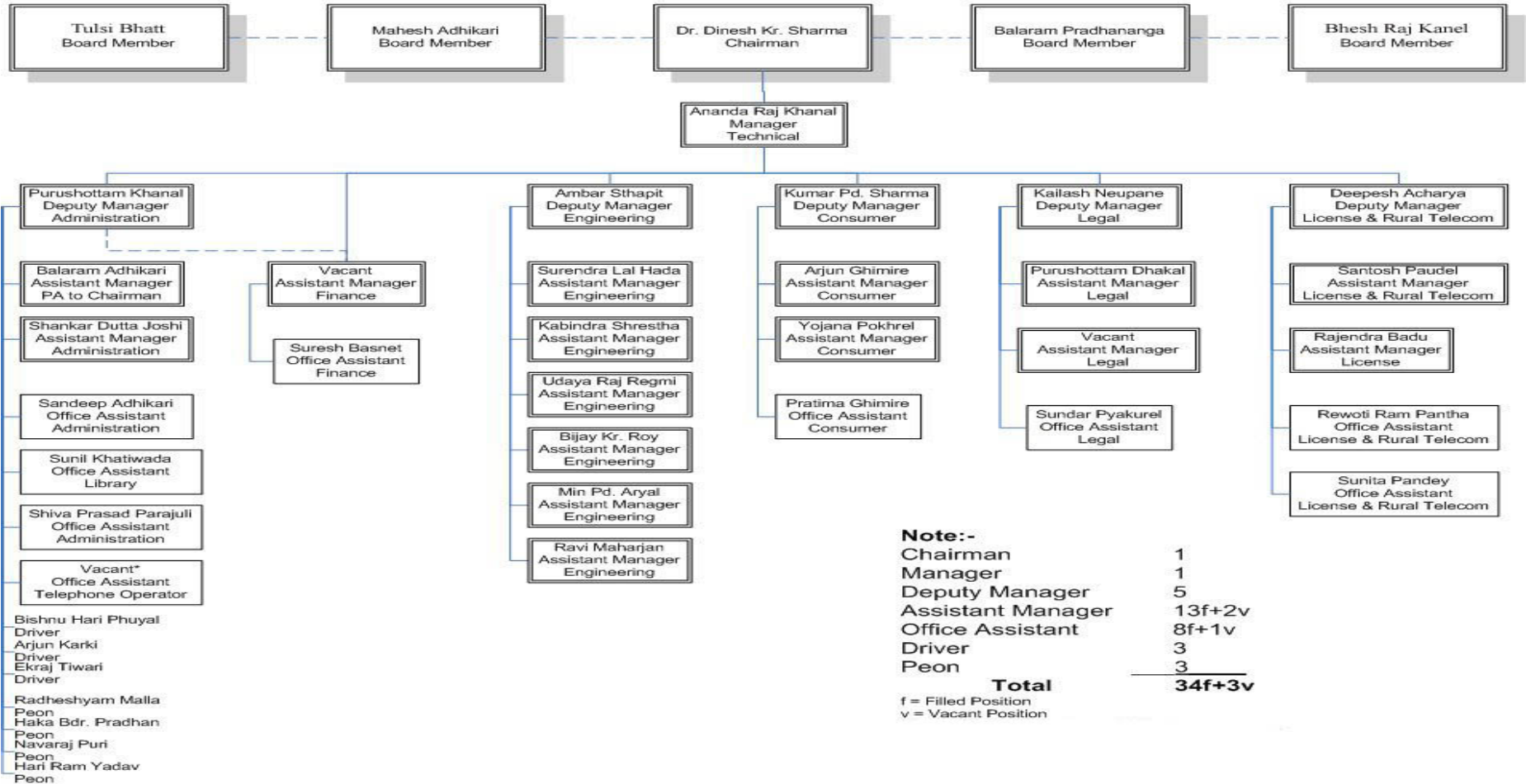
Annex H - Details of Performance of VSAT Network Service Providers

1.	Name of the Licensee	Websurfer	InfoCom	Mercantile
				Singapore Telecom Ltd., Global Access (HK) Ltd., Digital Network Technology Ltd.
2.	Name of VSAT Bandwidth Provider	BtN Access HK Ltd	Loral Skynet Network svcs.	
3.	Number of VSAT Users (Total)	16	1	
4.	Average Revenue Per User (ARPU)	Rs. 50,000.00	N/A	
5.	Service Activation Time (for dialup only)		Immidiata	
6.	International Bandwidth used by VSAT Users			
6.1.	Uplink	4 Mbps	2048 kbps	
6.2.	Downlink	10 Mbps	1792 kbps	
7.	Provision of Redundancy or not	Yes		
8.	Total working Manpower		30	
8.1.	Technical	50	12	
8.2.	Administrative	27	5	
9.	Billing	16	3	
9.1.	Number of bills issued per month	12	N/A	
9.2.	Number of complaints on billing per month	0	N/A	
9.3.	Number of cleared billing complaints per month	0	N/A	

Annex I

Nepal Telecommunications Authority

Organization Chart



Annex J - Details of Licensees of different services

S. No.	Name	Address	Tel.No. (+977-1-)	Fax.No. (+977-1-)	E-mail	URL
Basic Telecom Operators						
1.	Nepal Doorsanchar Company Limited	Bhadrakali Plaza, Kathmandu	4210202	4221202	ntc.ogm@ntc.net.np	www.ntc.net.np
2.	United Telecom Limited	Triveni Complex, Putalisadak, Kathmandu	2001880	2499999	utlnepal@wlink.com.np	www.utlnepal.com
Cellular Mobile Operator						
1.	Nepal Doorsanchar Company Limited,	Pulchowk, Lalitpur	5536791	5515291	ntc.ogm@ntc.net.np	www.ntc.net.np
2.	Spice Nepal Pvt. Ltd.	Mero Mobile Building Ekantakuna, Jawalakhel-4, Lalitpur	9805554544	9805554538	info@spicenepal.com	www.spicenepal.com
Rural Telecom Operators						
1.	STM Telecom Sanchar Pvt. Ltd.	Thirbam Sadak 5, Baluwatar, Kathmandu	4445981 4446382	4419366	spadhan@stmnetworks.com	www.stmi.com
Limited Mobility Service based on wireless telecommunication to be operated in specified area						
1.	United Telecom Limited	Triveni Complex, Putalisadak, Kathmandu	2001880	2499999	utlnepal@wlink.com.np	www.utlnepal.com
2.	Nepal Doorsanchar Company Limited	Bhadrakali Plaza, Kathmandu	4210202	4221202	ntc.ogm@ntc.net.np	www.ntc.net.np
Internet Service Providers						
1.	Mercantile Communications Pvt. Ltd	Durbar Marg, Kathmandu	4220773	4256761	amatva@mos.com.np	www.mos.com.np
2.	Worldlink Communications Pvt. Ltd	Jawalakhel, Lalitpur	5523050	5529403	info@wlink.com.np	www.wlink.com.np
3.	Everest Net Pvt. Ltd.	Ekantakuna, Jawalakhel, Lalitpur	5546010 5539430	5539431	info@enet.com.np	www.enet.com.np
4.	Global Internet Services Pvt. Ltd.	Ward No-3, Bihar Area, Lalitpur	5543647	4225407	info@gispl.com.np	www.gispl.com
5.	Himalayan Online Service Pvt. Ltd.	Durbar Marg, Kathmandu	4244952	4224524	info@hons.com.np	www.hons.com.np
6.	Infocom Pvt. Ltd.	Hattisar, Kathmandu	4436458 4436459	4435826	info@info.com.np	www.info.com.np
7.	Nepal DoorSanchar Company Limited (NDCL)	Pulchowk, Lalitpur	5544132	5545878	bimlesh.jha@ntc.net.np	www.ntc.net.np
8.	Vianet Communications Pvt. Ltd.	Pulchowk, Lalitpur	5546410	5537318	sudhir@vianet.com.np	www.vianet.com.np
9.	I MAX Pvt. Ltd.	Ranjana	4269805	4260693	info@imax.com	

		Galli, New Road, Kathmandu			.np	
10.	Sailung Dot Com Pvt. Ltd.	Bhanuchowk, Dharan	526528	526528	amrit@sailung.com	
11.	Fewa Net Pvt. Ltd.	Mahendra Pool, Pokhara, Kaski	536090		fewanet@fewanet.com.np	www.fewanet.com.np
12.	Cyber Space Pvt. Ltd.	Adarshanagar, Birgunj	5524075		atc@atcnet.com.np	
13.	Web Surfer Nepal Communications Pvt. Ltd. Naxal, Kathmandu	P.O.box- 7940 Bagwatimarg, Naxal, Kathmandu	4440304	4492703	info@websurfer.com.np	www.websurfer.com.np
14.	Digital Link Pvt. Ltd.	Lainchaur, Kathmandu	4364235		rameshwar@digitallink.com.np	
15.	Himal Technologies Pvt. Ltd.	5409, Jayabageswori Kathmandu	4439541		mingmar@himaltech.com	www.himaltech.com
16.	Subisu Cablenet Pvt. Ltd.	Baluwatar, Kathmandu	44296164 429617	4430572 4240165	scn@subisu.com	www.subisu.net.np/
17.	Spacetime Internet Pvt. Ltd	Minbhawan, Kathmandu	4487750 4487751 4487752	4494022	space@col.com.np	
18.	Pokhara I-net Pvt. Ltd.	Gairapatan, Pokhara, PO Box-86	5521703 5535377	5532891	2fm@fewamail.com.np	
19.	Japan Nepal Information Technology Pvt. Ltd.	Kalikaasthan, Kathmandu, Nepal	4770772			www.jnict.com.np
20.	Computer Click Online Pvt. Ltd.	Putalisadak, Kathmandu	4439724 4439725		info@ccsl.com.np	www.ccsl.com.np/
21.	Personal Broadband Nepal Pvt. Ltd.		4479213			www.pbn.com.np/
22.	IP Communications Pvt. Ltd.	Putalisadak, Kathmandu	4247535	6613666	lovely@mail.com.np	
23.	Netplus Technology Pvt. Ltd.	Sanepa, Lalitpur	4784800 4784660			www.netplus.com.np
24.	Health Net Nepal	Maharajgunj Kathmandu				www.healthnet.org.np
25.	Global Plus Networks Pvt. Ltd.	Durbarmarg, Kathmandu				www.globalplus.com.np/
26.	Buddha Net Pvt. Ltd.	Baidam, Pokhara				
27.	Stupa Net Pvt. Ltd.					
28.	Namche Networks Pvt. Ltd.	Manbhawan, Lalitpur	5528228 5528229	5548211	info@namche.com	www.namche.com
29.	Spice Nepal Pvt. Ltd.	Mero Mobile Building Ekantakuna,	5554544 5554547 5524250	5554538	snpl@spicenepal.com	www.spicenepal.com

		Jawalakhel-4, Lalitpur				
30.	Broadlink Network and Communication Pvt. Ltd.	Baneshwore, Kathmandu	4785073 2003934			www.broadlink.com.np
31.	Radius Communications Pvt. Ltd.	Putalisadak, Kathmandu	4241158	4241039	info@radius.com.np	www.radiusnp.com
32.	Swift Link Pvt. Ltd.	Teku, Kathmandu				
33.	Nepal Net Sanchar Pvt. Ltd.	Biratnagar, Morang				
VSAT Network Service Provider						
1.	Mercantile Communications Pvt. Ltd.	Durbar Marg, Kathmandu	4240920	4225407	amatva@mos.com.np	www.mos.com.np
2.	Worldlink Communications Pvt. Ltd.	Jawalakhel, Lalitpur	5523050	5529403	info@wlink.com.np	www.wlink.com.np
3.	Communications and Communicate Nepal Pvt. Ltd.	Siddhi Bhawan, Kathmandu	4269348	4243726	info@ccnep.com.np	
4.	Infocom Pvt. Ltd.	Hattisar, Kathmandu	4436458 4436459	4435826	info@info.com.np	www.info.com.np
5.	Web solution & Network Pvt Ltd.	Chabahil, Kathmandu	4498150	4428976		
6.	MI Pvt. Ltd.	Kumaripati, Lalitpur				
GMPCS Service Provider						
1.	Constellation Pvt. Ltd.	Pulchowk, Lalitpur	5548836	5588879	admin@constellation.com.np	www.constellation.com.np
2.	AVCO International Pvt. Ltd.	Nagpokhari, Kathmandu	4229886	4229882	vickyjha@soi.com.np	
3.	I4 Technologies Pvt. Ltd.	Kamaladi, Kathmandu	4223282 4221993	4238377	info@satellitein nepal.com	<a href="http://www.satellitein
nepal.com">www.satellitein nepal.com
Video Conferencing Service						
1.	World Bank, Country Office Nepal	Yak and Yeti Building, Durbar Marg				
Local Data Network Service						
1.	Shivahari Pokharel (Representative SITA)	RNAC Building	4229252	4228314		