

Nepal Telecommunications Authority



Management Information System

(Magh 2063 - Chaitra 2063)

(15 January 2007 - 13 April 2007)

Asadh 2064 (June 2007)

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Table of Contents

S. No.		Page No.
	Table of Contents	2
	Preface	3
1.	Introduction	4
2.	Telecom Statistics at a glance	4
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	12
6.	Telecom Network of the Country	13
7.	NTA activities during the past three months	14
8.	Rural Telecom Development Fund deposited by Different operators for the fiscal year 062/063	16
9.	Relevant Acts and Regulations	16
10.	Members of NTA	16
11.	Total no. of Licenses issued in the different types of Telecommunication Services	16
12.	Glimpse of Licensing Activities	17
13.	Useful Information	18
14.	List of operators who did not submit data	18
15.	Telephone Nos. of NTA	19
16.	MIS Committee	19
	Annexes	
A.	Details of performance of Internet Service Providers	20
B.	Details of performance of Internet Service Providers	21
C.	Details of performance of Internet Service Providers	22
D.	Details of performance of GMPCS service Providers	23
E.	Details of performance of Cellular Mobile service Providers	24
F.	Details of performance of Fixed service Providers	25
G.	Details of performance of Rural Telecom service Providers	26
H.	NTA Organisation Chart	27
I.	Details of Licensees of different services	28

Preface

This issue has also come quite late as the trend of not submitting data or late submission continued this time also. The pioneer operators viz. NDCL in fixed service, NDCL in mobile service, Worldlink Communications and others in Internet Service, STM Networks Pvt. Ltd. in Rural Telecom Service did not submit data this time even after repeated requests. However, available data were taken from NDCL's MIS as much as possible. To expedite the data collection process, the excel sheet for different services was developed and put in NTA's website at http://www.nta.gov.np/mis_report.html and all the operators were mailed to fill the respective sheet and mail back to NTA, this also does not seem to change anything.

We repeatedly hear from the operators, especially Internet Service Providers (ISPs) that the penetration of Internet subscription will not increase until there is content available in local Nepali Language. So they were asked if they themselves have their website in Nepali language, but it was found that not a single operator have their website in Nepali language too. It was very disappointing as operators themselves are not following this, especially ISPs. Hence all the institutions inside Nepal, especially Telecom operators are hereby requested to make available their website content in Nepali language as well, so that others are also encouraged to follow this. We can surely then hope to boost up the internet penetration which is still very low at 0.20 and increasing at much slower rate. We can't just hope to see the internet penetration rising without making internet content available in Nepali language as most of the Nepalese people are illiterate and majority of them preferring or feel at ease with their native language. Consequently, as NTA has been publishing MIS every three month and make it available in the website, all operators are also requested to publish their information, similar to the information sought by NTA, every three months and put it in their website for easy reference to the public. This not only reduces the time of data collection from operators but also lets public become aware of their company and its status in the market.

This quarter has seen the number of GMPACS subscribers crossing the one thousand mark after almost four years of introduction of this service. Constellation Pvt. Ltd. holds more than two third of the market share.

The RTDF fee deposited by different operators in Rural Telecom development Fund (RTDF) for the fiscal year 062/63 has been included this time which is 2% of the total revenue collected by the operators. It is to be noted that the operators also deposit 4% of the same as royalty to the government. So it is open fact that Telecom sector has significantly contributed in government's exchequer. It is worth mentioning that 6941 persons are also directly employed in this sector.

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: +977-1-4446001/2/3/4 Fax: +977-1-4446006 Email: mis@nta.gov.np P.O. Box No. 9754 Baluwatar, Kathmandu, Nepal.

1. Introduction:

With the unprecedented innovations in the field of telecommunication technologies and rapid telecommunications development in the world, it has become necessary to bring the same pace of development and expansion in this sector in Nepal also. Keeping in harmony with the currently evolving new technological developments, the emerging craze for globalization and liberalization or market economy concept, it is felt that the resources and efforts of the government alone cannot fulfill the steadily increasing demand of the telecommunication services in a competitive environment. Even though the private sector entrepreneurs are interested in investing in the utility sectors, flow of private sector capital in productive areas could not be made effective due to unfavorable environment and lack of opportunities. Taking this scenario into account, the National Communication Policy 1992 A.D. envisaged the concept of encouraging the private sector participation for providing telecommunication services to the public and to assist to the extent possible as is deemed necessary in an easily available, simple and well planned manner for the development, expansion and operation of this sector inside Nepal as well as abroad.

With this concept, 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 1998 A.D. to make this work more systematic and regular.

Major functions and duties of NTA:

- To make the telecommunications service reliable and easily available to the public.
- To make necessary arrangement to avail basic telecommunications service and facilities in all rural and urban areas throughout Nepal.
- To protect the rights and interests of consumers by ensuring the provision of quality service.
- To make arrangement for the coordination and healthy competition among those providing Telecommunications Service and facilities.

2. Telecom Statistics at a glance (as of 13 April, 2007): *(Details in Annex)*

2.1. Subscriber base:

Service	Subscribers
Fixed line telephone (PSTN+VSAT+MARTS+VHF)	5,07,571
Mobile Telephone (NDCL + SNPL)	8,70,675 + 4,90,715 = 13,61,390
Post-paid mobile (NDCL + SNPL)	1,19,699 + 3,922 = 1,23,621
Pre-paid mobile (NDCL + SNPL)	7,50,976 + 4,86,793 = 12,37,769
Wireless in Local Loop (NDCL + UTL)	1,18,951 + 80,396 = 1,99,347 (including Limited Mobility + FWT)

GMPCS (Constellation + AVCO + I4 Tech.)	764 + 261 + 24 = 1049
Internet (with E-mail)	51,034
Limited Mobility (UTL + NDCL)	26,355 + 22,781 = 49,136
VSAT user	120

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)	949.89
Cellular Service (Prepaid + Postpaid)	370.143
Internet	3596.19
GMPCS	2705.972
Rural Telecom Service	3052.19 (STM only) per PCO (Previous Data)

2.3. Service Penetration (1 in 100 population):

Service	Penetration Rate (in %) *
Fixed + Mobile	7.99
Fixed Telephone	2.73
Mobile Service	5.26
Internet (subscribers only)	0.20

* Population is expected to be 2,58,86,736 (source: Central Bureau of Statistics)

3. Comparison between adjacent quarters

	QE Ashwin '63 (Oct '06)	QE Poush '63 (Jan '07)	QE Chaitra '63 (April '07)	% change over Ashwin '63 (6 months)	% change over Poush '63 (3 months)
1) Subscriber's Base					
i) Fixed Line (including WiLL, Limited Mobility)	6,01,454	6,35,308	7,06,918	+17.53%	+11.27%
ii) Mobile (GSM)	9,16,639	10,41,819	13,61,390	+48.52%	+30.67%
iii) Internet	46,201	49,877	51,034	+10.46%	+2.32%
2) Average Revenue Per User					
i) Fixed Line	953	965	949.89		
ii) Mobile (GSM)	373.24	371.20	370.143		
iii) Internet	1227.04	3685.87	3596.19		
3) Teledensity					
i) Fixed Line	2.32	2.46	2.73	+17.67%	+10.98%
ii) Mobile (GSM)	3.54	4.03	5.26	+48.59%	+30.52%
iii) Internet	0.18	0.19	0.20	+11.11%	+5.26%
Total (Fixed + Mobile)	5.86	6.49	7.99	+36.35%	+23.11%

QE - Quarter Ending

4. Basic Core ICT Indicators

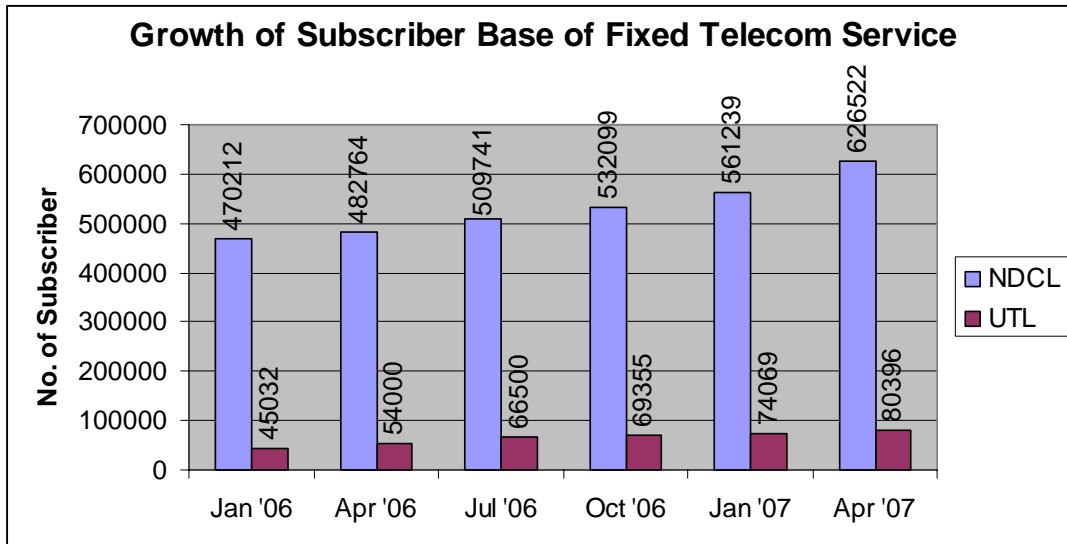
Core Indicators	Definition	12
Fixed Telephone lines per 100 inhabitants	<i>Fixed telephone lines</i> refer to telephone lines connecting a customer's terminal equipment (e.g. telephone set, facsimile machine) to the public switched telephone network (PSTN) and which have a dedicated port on a telephone 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.	2.73
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.	5.26
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.	0.20
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.	5.49
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

<p>Internet access tariff (20 hours per month), in US\$, and as a percentage of per capita income</p>	<p>The Internet access tariff 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.</p>	<p>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</p>
<p>Mobile cellular tariffs (100 minutes of use per month), in US\$, and as a percentage of per capita income</p>	<p>The Mobile cellular tariff 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.</p>	<p>US\$7.17, 2.66%</p>
<p>Percentage of localities with public Internet access centers (PIACs) by number of inhabitants (rural/urban)</p>	<p>A public Internet access centre (PIAC) 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. Localities 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.</p>	<p>Not available</p>

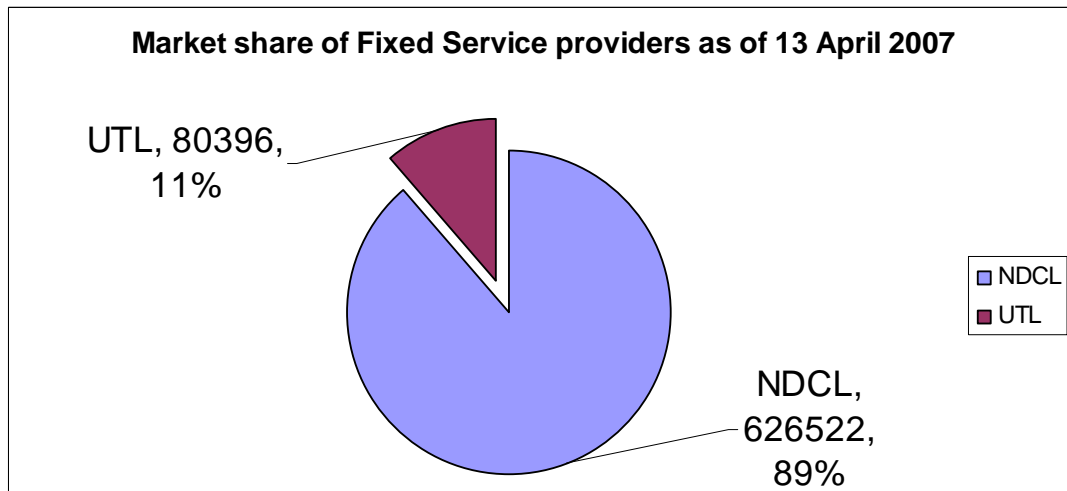
5. Performance of Service Providers:

5.1. Performance of Fixed Service:

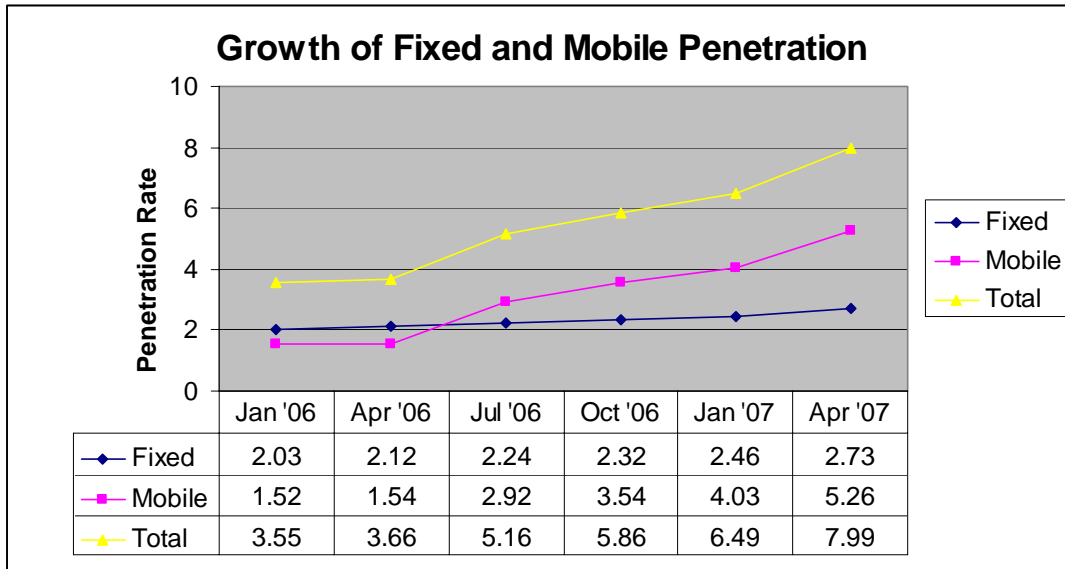
The fixed line penetration at present is still low at 2.73%, 0.27% more than the previous quarter. The Average Revenue per User (ARPU) of UTL is still increasing steadily to attain a value of Rs. 572.58. This time the market share of NDCL and UTL slightly changed with NDCL moving up to 89% and UTL going down by 1% to remain at 11%. The gap between fixed line penetration and mobile penetration is still getting wider with mobile penetration reaching 5.26% at present, almost double than that of fixed penetration.



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 include Hetauda and Birgunj. It is also planning to extend its service in Pokhara and other parts of the country very soon. Altogether 5,750 personnel are being employed in Fixed Telecommunication sector.

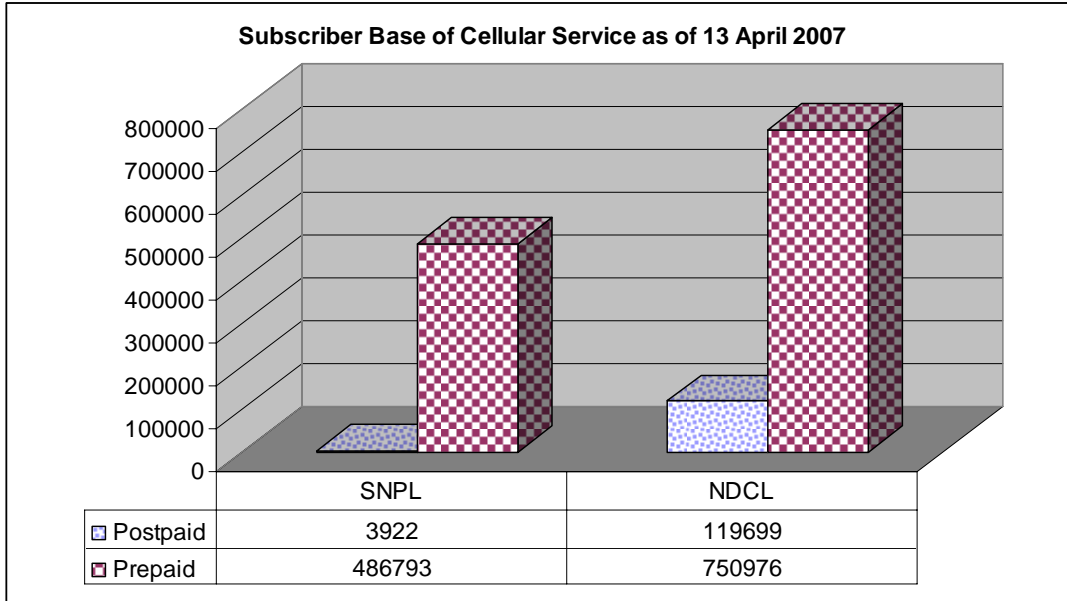


Both operators have obtained license to operate limited mobility service in addition to their fixed service license. The subscriber base of NDCL is 22,781 whereas that of UTL is 26,355 in Limited Mobility Service. The detailed performance of fixed service providers is illustrated in Annex F.

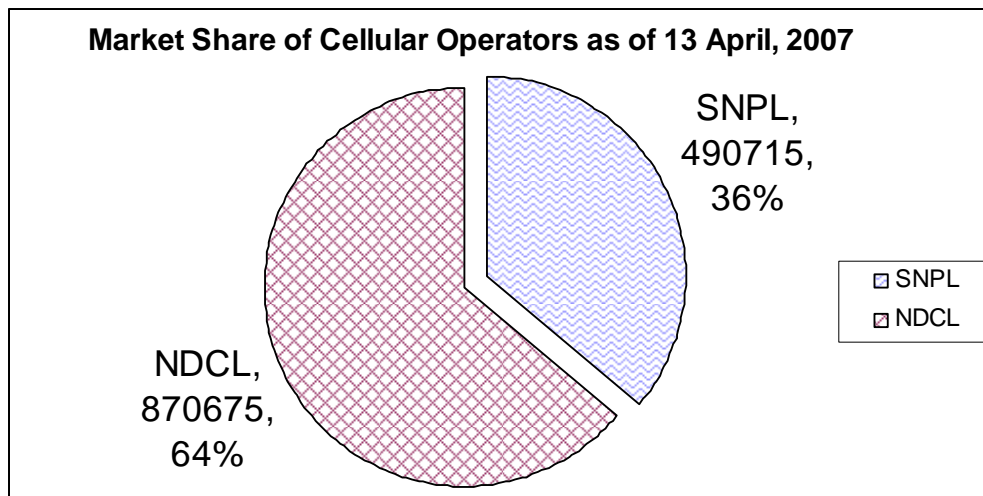


5.2. Performance of Cellular Service:

The two GSM based mobile operators are currently operating their services in Nepal. The subscriber base of incumbent NDCL has reached 8,70,675 whereas that of Spice Nepal is 4,90,715 amounting to a total of 13,61,390 subscribers. The gap between Prepaid subscribers and Postpaid subscribers is becoming even more wider than before which stands at around 12,37,769. NDCL distributed 1,80,306 new lines in the last quarter whereas SNPL distributed 1,39,265 lines in the same period. SNPL now holds 36% of the market share, 2% more than the previous quarter whereas that of NDCL continued to decrease in this quarter as well, going down to 64%. The mobile customer base is growing basically due to prepaid mobile scheme, which has reached 12,37,769 at the end of this quarter. Contrary to the previous quarter, the number of postpaid subscribers of NDCL has increased to 1,19,699 and SNPL distributed only 985 new postpaid lines in this period. But the demand for prepaid service has still not subsided within and outside Kathmandu Valley. Apart from Kathmandu Valley, NDCL is providing mobile service in 37 districts and Spice Nepal Pvt. Ltd. too has extended its service in 17 districts. The mobile network of NDCL has now 294 (previous data) Base Transceiver Stations (BTSs) whereas SNPL has 233 BTS in 900 and 1800 MHz band. Hence the Number of subscriber to Base Transceiver Station (BTS) ratio of NDCL is just 2961.25 in comparison to 2106 of SNPL. This ratio for SNPL has increased noticeably in this quarter. This higher ratio might be one of the reasons why NDCL's quality is inferior to that of SNPL based on the customer perception. The mobile penetration has increased remarkably reaching 5.26 in this quarter. Total manpower involved in providing this service stands at 403. Comparison between subscriber base of GSM mobile service is shown below.



Market share of SNPL and NDCL as of 13 April, 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 13 April, 2007 (Chaitra 30, 2063).

Technology used by NDCL to serve VDCs	
Digital C-DOT (wire line) exchanges	32/5,750 (Exchange/Capacity)
MARTS	179/2,322 (Marts Terminals/ Telephone Subscribers)
VHF/UHF radio	914 (Telephone Subscribers)
Digital microwave (JICA project)	6/107 (Rural Station/Subscriber)
HF radio	4
VSAT	414/835 (Terminals/Telephone lines)
VDCs served with at least one PCO	2599
Telex Service	256/76 (Capacity/Distribution)

STM:

STM has now installed a total of 1480 PCOs in 526 VDCs of Eastern Development Region as of 20 April, 2007. Other parameters of STM can not be evaluated as STM did not submit data this time.

NDCL and STM have achieved the following rural service penetration levels as of 13 April, 2007 (Chaitra 30, 2063). Percentages identified in the table refer to the percentage of VDCs with at least one PCO in the specified region.

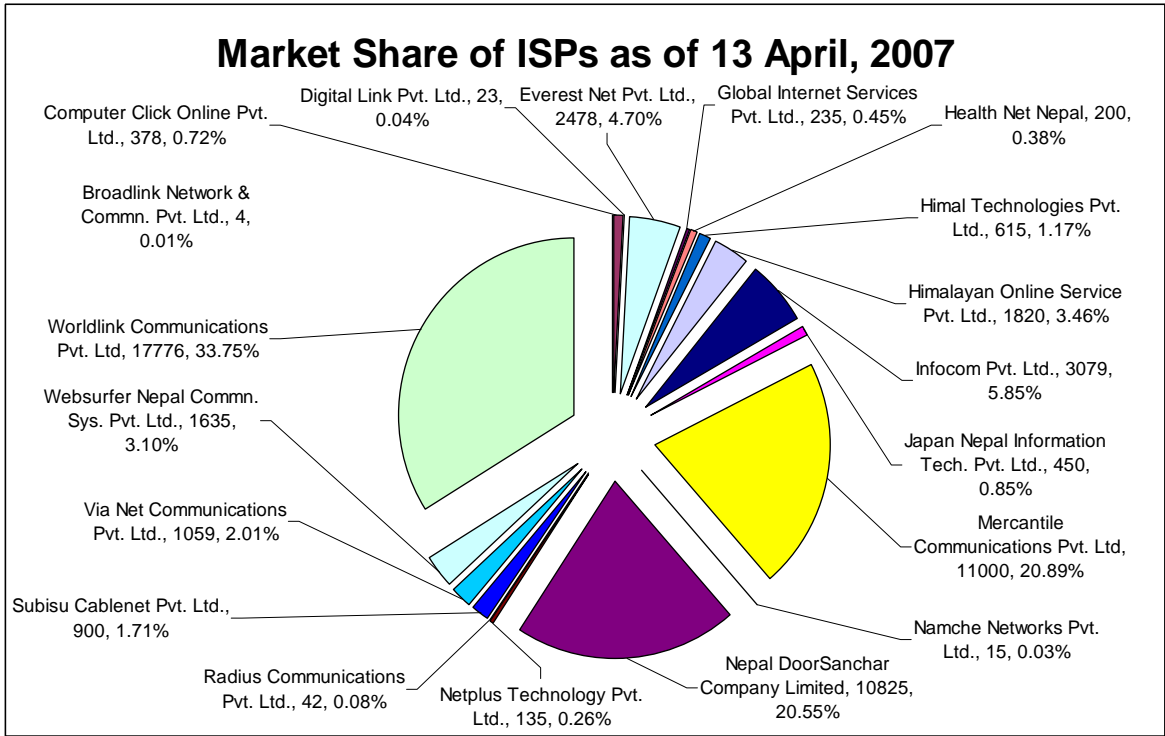
No. of VDCs served by NDCL and STM

Region	Total VDCs	VDCs Served with at least one PCO		% of VDCs Served with at least one PCO
		By STM	By NDCL	
Nepal *	3,915	531	2599	72.11%
Eastern Development Region *	893	531	577	89.7%
Central Development Region	1199	-	815	50.47 %
Western Development Region	865	-	702	61.92 %
Mid-Western Development Region	575	-	307	39.30 %
Far-Western Development Region	383	-	198	51.44 %

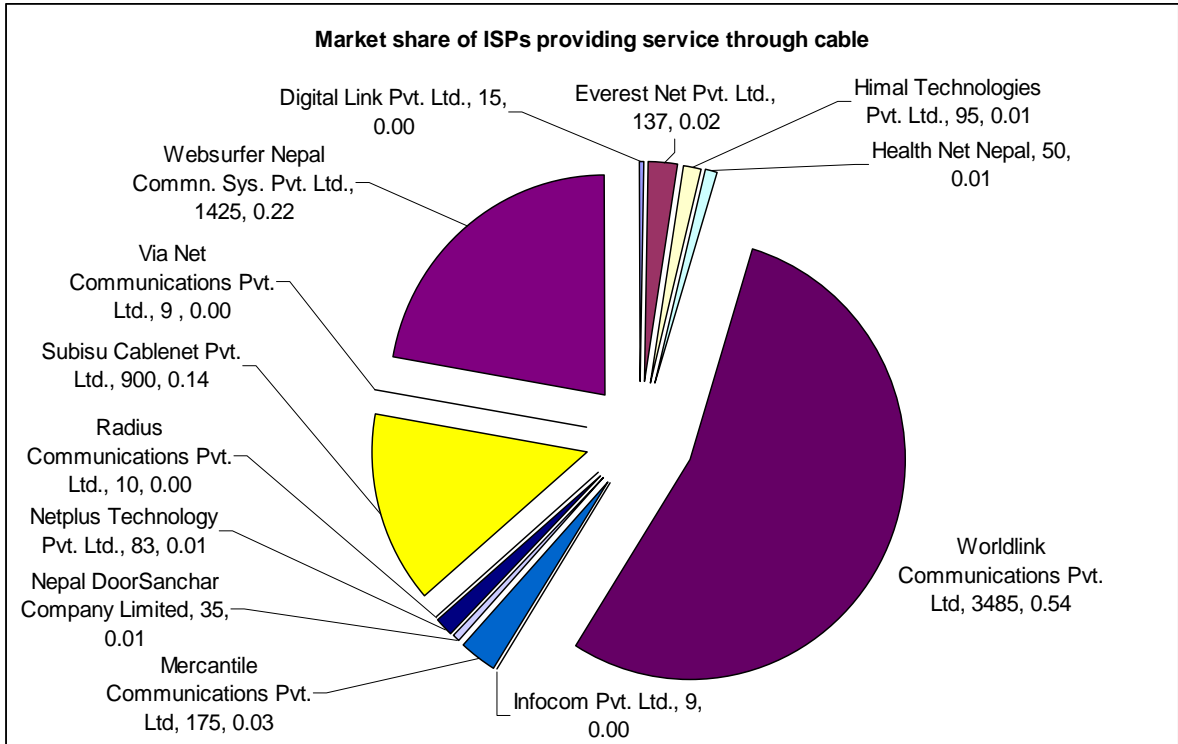
* - some of the VDCs are overlapped

5.4. Performance of Internet Service:

With Intense competition in the market with 33 ISPs currently holding valid license to run their business, this sector is still to show its vital presence in Nepalese market. The penetration has increased by mere 0.01% in this quarter which is not very encouraging. Growth of Internet subscriber in the last quarter is just 2972. However, the subscriber mark has crossed fifty thousand mark this time to reach 52,699 active subscribers. Total International Bandwidth used is in the ratio of 1:2.17 with 43.76 and 95.05 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 120 and 490 respectively. The number of websites hosted has gone up to 1146 where Worldlink still holds the higher percent of website hosting. Only 171 subscribers have subscribed from ISPs as cybercafés.



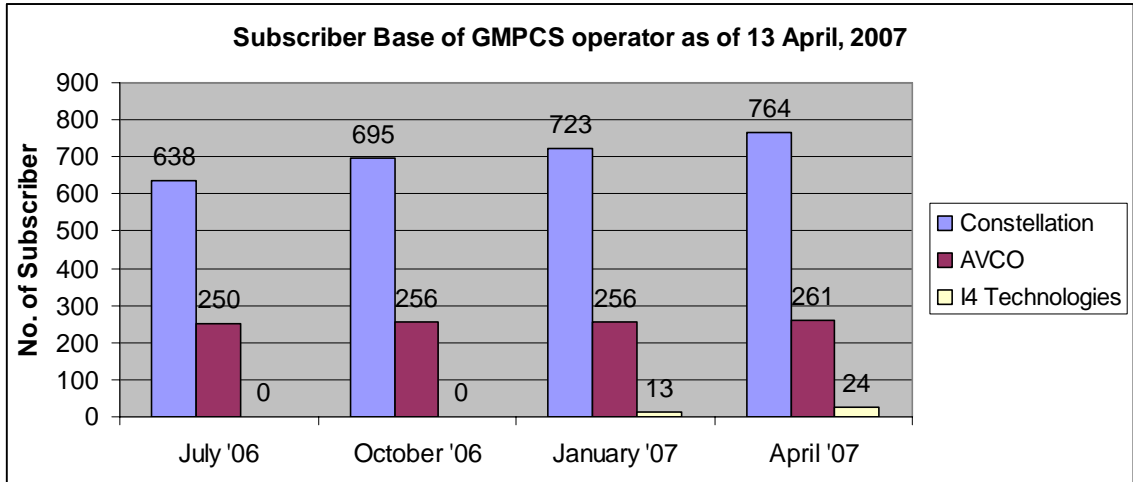
Average Revenue per User (ARPU) has come down to Rs. 3596.19, decreasing by minimal amount of Rs. 88.81 from the last quarter. A total of 617 personnel are engaged in this sector.



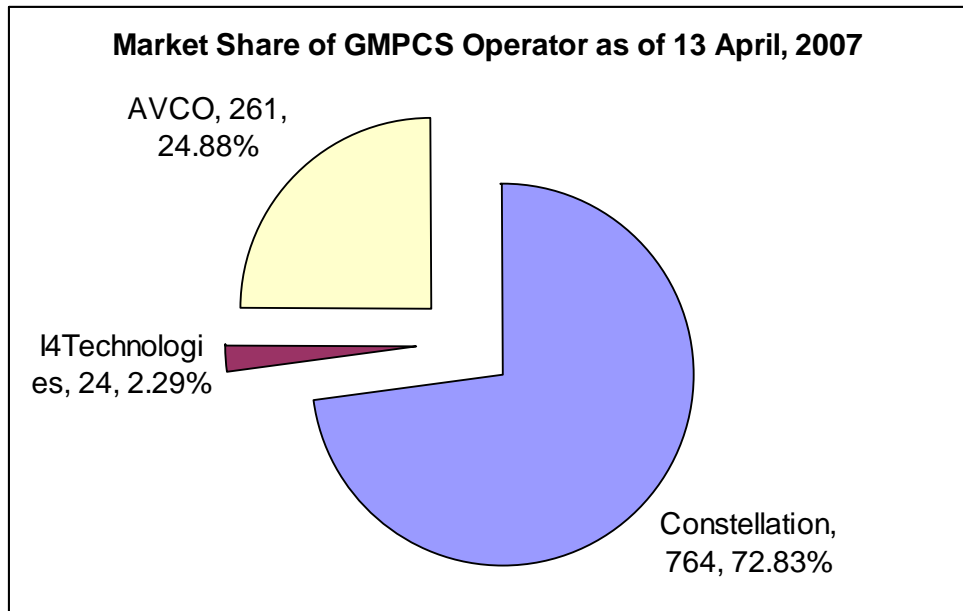
Details are elaborated in Annex A, B and C.

5.5. Performance of GMPCS Service:

In this quarter also the subscriber base of AVCO international Pvt. Ltd. increased by very small margin. The new entrant, I4 Technologies Pvt. Ltd. has just started its service. The total subscriber base of GMPCS service has now reached 1049.



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 7,06,918 (PSTN + WLL), Post-paid Mobile Subscribers 1,23,621 and Pre-paid Mobile Subscribers 12,37,769 till 13 April, 2007 (Chaitra 30, 2063). The fully digital network offers full national and international direct dialling services.

- 6.3. The national trunk network is equipped with 9168 Mbps, out of which 8368 Mbps link is being used to link Kathmandu with the rest of the country whereas 800 Mbps link is used within Kathmandu Valley. (based on NDCL MIS)
- 6.4. Nepal Doorsanchar Company Limited, the only wireline operator in Nepal has 229 Telephone exchanges in operation at 219 different locations in 72 districts of Nepal. (based on NDCL MIS)
- 6.5. There are a total of 3424 International telephone circuits in operation including Microwave circuits. (based on NDCL MIS)
- 6.6. Total capacity of E1 links installed is 4,584 out of which 3,943 are equipped, 2,197 are currently used and 1,746 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 Makwanpur and Parsa district.
- 7.2. VSAT user license has been issued to Lumbini Bank Limited and Uniliver Nepal Limited.
- 7.3. Internet Serviced Provider license has been issued to Swift Link Pvt. Ltd.
- 7.4. VSAT Network service provider license has been issued to M1 Pvt. Ltd.
- 7.5. Three digit number "104" is assigned to "Balbalika Khojtalash Kendra" for the provision of effectively carrying out the search activity for lost children.
- 7.6. Four digit number "1098" was assigned to Child Workers in Nepal (CWIN) through ministry of Women Children and Social Welfare to be functional as CHILD HELPLINE which will help to address every problems faced by children.
- 7.7. Assistant Manager, Mr. Arjun Ghimire took part in a training program on "Strategies to achieve connectivity and convergence: An executive course on Telecom Regulation and World Dialogue on Regulation Expert forum on sector and Regulatory Performance Indicators" organized by Lirne Asia from 25 February to 3rd March 2007 in Singapore.
- 7.8. Assistant Manager Mr. Bijay Kumar Roy took part in a workshop on "APT/ITU Workshop on NGN Planning" held in Bangkok, Thailand from 16-17 March 2007.
- 7.9. Deputy Manager, Mr. Kumar Prasad Sharma took part in a program "Interconnection in Convergence" held in Pakistan from 2-4 April 2007.
- 7.10. Assistant Managers Mr. Min Prasad Aryal and Mr. Udaya Raj Regmi attended an ITU Training Program on "ITU Regional Training on Spectrum Management for Developing Countries (SMS4DC)" held in Phnom Penh, Cambodia from 9th to 12th of April, 2007.

- 7.11. STM Telecom Sanchar Pvt. Ltd. has completed the certification of its fifth milestone.
- 7.12. The proposal has been sent to NTA board for opening up of Voice over Internet Protocol (VoIP).
- 7.13. Expression of Interest (EOI) has been prepared and published for scaling up Public ICT access services under Telecom Sector Reform Project (TSRP).
- 7.14. To run Telecom Service in rural areas, recommendation has been sent to publish notice in Nepal Gazette to reduce license fee and renewal fee significantly for VSAT user Service and Internet Service.
- 7.15. Tariff for the 3G services to be offered by NDCL has been approved.
- 7.16. Recommendation has been sent to the Ministry of Information and Communication to reduce or remove the ownership tax in Local Telephone service, Limited Mobility Service and Post/Pre paid service.
- 7.17. Tariff for Multimedia Messaging Service and Personal Ringback Tone of SNPL has been approved.
- 7.18. E-attendance system has been implemented for daily attendance record at NTA.
- 7.19. PVD Identity card for permanent staffs of NTA are issued.
- 7.20. Five Assistant Managers have been appointed on temporary basis in different sections of NTA.

7.21. Issues under consideration:

1. The special guideline of GMPCS service is being revised.
2. Conversion of Local Data Network Service and VSAT Network Service into new service "Network Service" is under consideration.
3. Study on Ultra Mobile Broadband (UMB) is being undertaken.
4. The draft of the Radio Policy, Pricing Policy and Radio Frequency distribution Regulation is being processed to send to the Ministry/Committee for permission to float as consultation paper.
5. Study is going on to fix the number of operator, to fix the frequency fee and the process on how to distribute the frequency to the different telecom services like GSM, 3G, CDMA etc.
6. Necessary framework has been prepared in order to provide service in all the remaining VDCs by the end of fiscal year 2063/064.
7. Necessary regulation/guidelines are being drafted for the disbursement of Rural Telecom Development Fund (RTDF).
8. Application for VSAT user License by SCS BGBS Radio is under process.
9. Application for ISP License for Mitra Networks Pvt. Ltd. is under process.

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	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

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

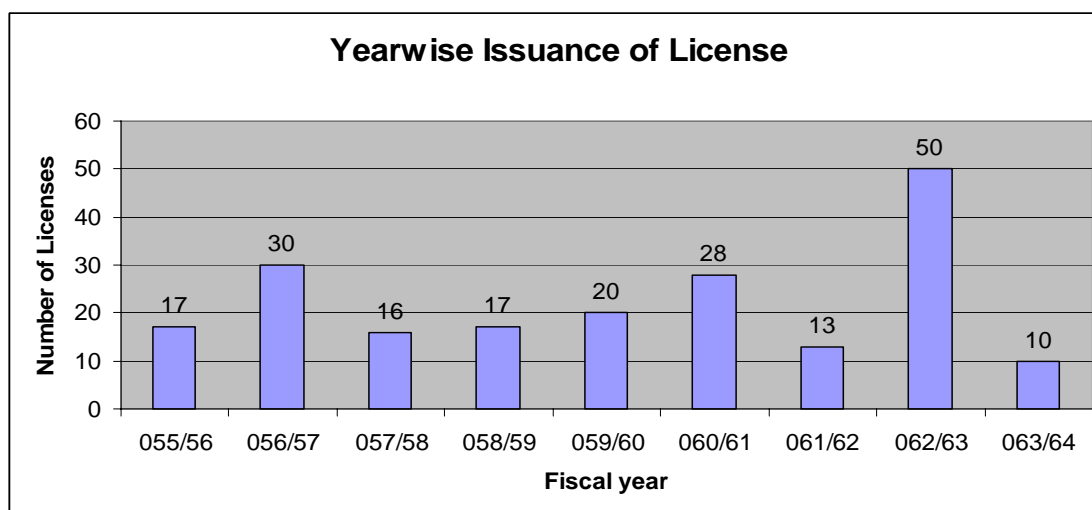
(till 13 April, 2007)

S. No.	Services	No.
(a)	Basic Telephone	2
(b)	Cellular Mobile Telephone	2
(c)	Internet (with e-mail)	41
(e)	Radio Paging	8
(f)	VSAT Network Providers	12

(g)	VSAT Service Users	120
(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	4
	Total	201

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	2	41	9	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	3	120	9	111
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	2	4	-	2
	Total	17	30	16	17	20	28	13	50	10	201	37	164



13. 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.	<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.	Nepal Doorsanchar Company Limited	Fixed Telephony	Not Submitted
2.	Nepal Doorsanchar Company Limited	Mobile Telephony	Not Submitted
3.	STM Telecom Sanchar Pvt. Ltd.	Rural Telephony	Not Submitted
4.	Worldlink Communications Pvt. Ltd.	VSAT NSP	Not Submitted
5.	Mercantile Communications Pvt. Ltd.	VSAT NSP	Not Submitted
6.	Communications and Communicate Pvt. Ltd.	VSAT NSP	Not Submitted
7.	I MAX Pvt. Ltd.	VSAT NSP	Not in Contact
8.	Mercantile Communications Pvt. Ltd.	ISP	Not Submitted
9.	Worldlink Communications Pvt. Ltd.	ISP	Not Submitted
10.	Everest Net Pvt. Ltd.	ISP	Not Submitted
11.	Global Internet Services Pvt. Ltd.	ISP	Not Submitted

12.	I MAX Pvt. Ltd.	ISP	Not in Contact
13.	Sailung Dot Com Pvt. Ltd.	ISP	Not in Contact
14.	Cyber Space Pvt. Ltd.	ISP	Not in Contact
15.	Spacetime Internet Pvt. Ltd.	ISP	Service Not started
16.	Pokhara I-net Pvt. Ltd.	ISP	Not in Contact
17.	Japan Nepal Information Technology Pvt. Ltd.	ISP	Not Submitted
18.	Personal Broadband Nepal Pvt. Ltd.	ISP	Service Not started
19.	IP Communications Pvt. Ltd.	ISP	Service Not started
20.	Healthnet Nepal	ISP	Not Submitted
21.	Global Plus Networks Pvt. Ltd.	ISP	Not Submitted
22.	Buddha Net Pvt. Ltd.	ISP	Not in Contact
23.	Stupanet Pvt. Ltd.	ISP	Not in Contact
24.	Spice Nepal Pvt. Ltd.	ISP	Service Not started
25.	Broadlink Network and Communications Pvt. Ltd.	ISP	Not Submitted
26.	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	4446010	225
2.	Manager	4446008	235
3.	PA Room	**	223
4.	Administration & Account	**	213/214/215/218/
5.	Consumer (I)	4446007	233
6.	Consumer (II)	**	232/236/244
7.	License and Rural Telecom (I)	**	227
8.	License and Rural Telecom (II)	**	220/221/222
9.	Legal (I)	**	238
10.	Legal (II)	**	234
11.	Engineering (I)	4446005	246
12.	Engineering (II)	4435223	240/241
13.	Engineering (III)	**	242
14.	Engineering (IV)	**	243/245
15.	Library	**	
16.	Registration	**	212
17.	Operator	**	9/211
18.	Security Guard	**	209
19.	Operators No.	+977 -1- 4446001, 4446002, 4446003, 4446004, 2083201, 2083202	
20.	Fax No.	+977-1-4446006	

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

Name of ISP	No. of Subscriber (Total)	No. of Subscriber (Dialup)	No. of Subscriber (Wireless)	No. of Subscriber (Cable)	No. of Subscriber (CAT 5)	No. of Subscriber (Coaxial)	No. of Subscriber (Fiber)	No. of Nodes (PoP)	No. of Cybercafes
Mercantile Communications Pvt. Ltd	11000	10420	250	175	0	0	155	2	8
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	0	40	0	0	2	33
Infocom Pvt. Ltd.	3079	2875	12	9	192	0	0	N/A	0
Nepal DoorSanchar Company Limited	10825	10790		35				18	
Via Net Communications Pvt. Ltd.	1059	925.00	111	9	9	0	0	6	14.00
Websurfer Nepal Commn. Sys. Pvt. Ltd.	1635	0	210	1425	1300	0	125	60	25
Digital Link Pvt. Ltd.	23	0	8	15	15	0	0	1	7
Himal Technologies Pvt. Ltd.	615	500	20	95	90	0	5	3	15
Subisu Cablenet Pvt. Ltd.	900	0	0	900				6	5
Japan Nepal Information Tech. Pvt. Ltd.	450	450	0	0	0	0	0	1	0
Computer Click Online Pvt. Ltd.	378	378	0	0	0	0	0	1	0
Netplus Technology Pvt. Ltd.	135		52	83				3	24
Health Net Nepal	200	150	0	50				1	0
Namche Networks Pvt. Ltd.	15	0	15	0	0	0	0	3	11
Broadlink Network & Commn. Pvt. Ltd.	4	0	4					1	0
Radius Communications Pvt. Ltd.	42	0	32	10	0	0	0	1	9
	52669	44902	938	6438	1646	0	285	124	171

Annex B - Details of performance of Internet Service Providers

Name of ISP	No. of E1 Links (for dialup only)	No. of Tel. lines (for dialup only)	No. of websites hosted	ARPU (Average Revenue Per User)	MoU/subs/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)	If Indirectly, via
Mercantile Communications Pvt. Ltd	18	254	315	800	3900	1 minutes	1 minutes	1 minutes	Directly	
Worldlink Communications Pvt. Ltd	37	90	402	8000	3900	<24hrs.	<60s.	<24hrs.	YES	
Everest Net Pvt. Ltd.	6		147	394	847	24hrs.	24hrs.	5mins.-24hrs.	YES	
Global Internet Services Pvt. Ltd.	1	0	1	No Mention	No Mention	24hrs.	No Mention	No Mention	YES	
Himalayan Online Service Pvt. Ltd.	5	0	0	1815	No system to calculate	Instant	40-60sec	2 hrs max.	Indirectly	World Link
Infocom Pvt. Ltd.	4	55		No Mention	N/A	24hrs	24hrs		Yes	
Nepal DoorSanchar Company Limited	37	4	4	250.23	1229	<2mins.	<1mins.	<10mins.	Directly	
Via Net Communications Pvt. Ltd.	4.00	-	12.00	1,327.00	No Mention	Instantly	24hrs.	-	Direct	
Websurfer Nepal Commn. Sys. Pvt. Ltd.	1	0	20	15,000.00				15 min	Directly	
Digital Link Pvt. Ltd.	0	0	3	1857	N/A	N/A	N/A	10min	Not Connected	N/A
Himal Technologies Pvt. Ltd.	1		10	500		15Min	15 Min	3hrs	Indirectly	Websurfer
Subisu Cablenet Pvt. Ltd.	1			5000						
Japan Nepal Information Tech. Pvt. Ltd.	1	50	50	No Mention	No Mention	24hrs.	<30secs.	4hrs.	NO	
Computer Click Online Pvt. Ltd.	3	30	1	270	800	10mins.	<30secs.	<60mins.	YES	
Netplus Technology Pvt. Ltd.				2280		24hrs.	12hrs.	6hrs.	YES	
Health Net Nepal	1	7	50	500	900	24hrs.	No Mention	4hrs.	YES	
Namche Networks Pvt. Ltd.	No	No	10	No Mention	No	No	No	No	Direct	
Broadlink Network & Commn. Pvt. Ltd.	0	0	1	4000	N/A	N/A	N/A	1hr.	YES	
Radius Communications Pvt. Ltd.	0	0	120	2500		2hrs.		1hr.	YES	

Annex C - Details of performance of Internet Service Providers

Name of ISP	Uplink (kbps)	Downlink (kbps)	Provision of Redundancy or not	Total working Manpower	Technical	Administrative	Number of bills issued per month	Number of complaints on billing/month	No. of cleared billing complaints/month
Mercantile Communications Pvt. Ltd	10240	20480	YES	135	102	33	910	20	15
Worldlink Communications Pvt. Ltd	5764	16244	YES	135	80	55	17776	10%	100%
Everest Net Pvt. Ltd.	256	1024	YES	65	15	50	389	5	100%
Global Internet Services Pvt. Ltd.	256	512	No Mention	22		22	30	No Mention	No Mention
Himalayan Online Service Pvt. Ltd.	2048	640	YES	27	9	18	150	None	None
Infocom Pvt. Ltd.	2048	1792	N/A	28		28	N/A	N/A	N/A
Nepal DoorSanchar Company Limited	10240	34816	YES	30	14	16	Prepaid		
Via Net Communications Pvt. Ltd.	1,328	3,904	-	15	6	9	103.00	2%	all
Websurfer Nepal Commn. Sys. Pvt. Ltd.	2048	8192	YES	67	42	25	400 nearly	0	0
Digital Link Pvt. Ltd.	92	256	No	6	4	2	12		
Himal Technologies Pvt. Ltd.	256	512	YES	13	6	7	300	<5%	>90%
Subisu Cablenet Pvt. Ltd.	7058	2752							
Japan Nepal Information Tech. Pvt. Ltd.	128	256	YES	15	5	10	No Mention	No Mention	No Mention
Computer Click Online Pvt. Ltd.	128	256	No Mention	7	3	4	335	5%	100%
Netplus Technology Pvt. Ltd.	256	756		11		11	135		
Health Net Nepal	256	570	No Mention	No Mention			5	0	0
Namche Networks Pvt. Ltd.	No Mention	No Mention	No	8	3	5	15	No	
Broadlink Network & Commn. Pvt. Ltd.	128	512	YES	15		15	4	No Mention	No Mention
Radius Communications Pvt. Ltd.	1228	1572	YES	18	12	6			

Annex D - Details of performance of GMPCS Service Providers

	Service Operator	Constellation	I4Technologies	AVCO
1.	Number of Subscribers	764	24	261
2.	Average Revenue Per User (ARPU) in Rs.	2000	48556.79	556.33
3	Traffic (Minutes of Use)/line/month	8.2	111.82 MB (DATA) + 2.89 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	98%	90%
4.3	Call Drop rate	No	0%	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	16	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.	Billing			
6.1	Bills issued/month (Nos)		16	15 (for postpaid subscriber per month)
6.2	Complaints on billing/Month		0	0
6.3	Clearance on billing complaints/Month		N/A	0
7.	Number of Currently Working Staffs	22	8	3
7.1.	Administrative	17	4	2
7.2.	Technical	5	4	1
11.	Web Content in Nepali Language	NO	Plan in Future	NO

Annex E - Details of performance of Cellular Mobile Service Providers

	Service Provider	SNPL	NDCL
1.	Number of Subscribers	490715	870675
2.	Number of Subscribers (Postpaid)	3922	119699
3.	Number of Subscribers (Prepaid)	486793	750976
4.	Service areas in terms of district (No. of district):	17	40
5.	Average Revenue per user (ARPU in Rs.)	368	371.306 (Previous data)
6.	Traffic Mou (Minutes of Use/Subscriber/Month)	125	281.5 (Previous data)
7.	Traffic (in Minutes)		
7.1.	Local		
7.1.	Domestic Long Distance		
7.2.	International Long Distance		
8.	Quality of Service		
8.1	Cellular to Cellular Call Completion Ratio	99.10%	
8.2	PSTN to Cellular Call Completion Ratio	99.10%	
8.3	Cellular to PSTN Call Completion Ratio	52.50%	
8.4	Call Drop Rate	0.30%	0.7% (Previous data)
8.5	End to End delivery time for Short Message Service:	10 sec	Depends upon the MS Status
8.6	Completion Rate for SMS:	75.30%	91.15% (Previous data)
9.	Billing		
9.1	No. of bills issued per month (postpaid)	2897	111384 (Previous data)
9.2	No. of complaints on billing per month (postpaid)	0	Nominal (Previous data)
9.3	No. of clearance on billing complaints per month (postpaid)	0	Nominal (Previous data)
9.4	No. of complaints on billing per month (prepaid)	1	Nominal (Previous data)
9.5	No. of clearance on billing complaints per month (prepaid)	1	Nominal (Previous data)
10.	Number of Base Transceiver Station (BTS):	233	294 (Previous data)
11.	Number of currently working staffs	179	224 (Previous data)
11.1	Technical	93	
11.2	Administrative	86	

Annex F - Details of Performance of Fixed Telephone Service Providers

	Name of the service Provider	NDCL	UTL
1.	Number of Subscribers	626522	80396
1.1	Number of subscribers (Districtwise) (Attach extra sheet)		
2.	Service areas in terms of district (No. of district)		Kathmandu, Lalitpur, Bhaktapur, Hetauda, Birgunj
3.	Average Revenue per user (ARPU in Rs.)	998.31	572.58
4.	Traffic MoU (Minutes of Use/Subscriber/Month)	Not Provided	Not Provided
5.	Total Traffic (in Minutes)	Not Provided	Not Provided
5.1	Local	Not Provided	Not Provided
5.2.	Domestic Long Distance	Not Provided	Not Provided
5.3.	International Long Distance	8028126	Not Provided
6.	Quality of Service		
6.1.	Call Completion Ratio (%)		
6.1.1.	Local	Not Provided	>99%
6.1.2.	Domestic	Not Provided	>98%
6.1.3.	International	Not Provided	>99%
6.2.	PSTN to Cellular Call Completion Ratio	Not Provided	Not Applicable
6.3.	Cellular to PSTN Call Completion Ratio	Not Provided	Not Applicable
6.4.	% call to operator answered in less than 30 seconds	Not Provided	100%
6.5.	% call attempts not receiving connection	Not Provided	<1%
6.6.	Call Drop Rate (%)	Not Provided	<1%
6.7.	% customer reported service complaints/100 DEL/month	6.48%	1.49
6.8.	Faults per 1000 DELs/Month	Not Provided	0.45
7.	Billing		
7.1.	Bills issued/month (Nos)	Not Provided	78106
7.2.	Complaints on billing/Month	Not Provided	<0.01%
7.3.	Clearance on billing complaints/Month	Not Provided	100%
8.	Number of Subscribers(Limited Mobility)	22781	26355
9.	Service areas in terms of district (LM) (No. of district)	1	3
10.	Number of Currently Working Staffs	5700	50
10.1.	Administrative		
10.2	Technical		

Annex G - Details of Performance of Rural Telecom Service Providers

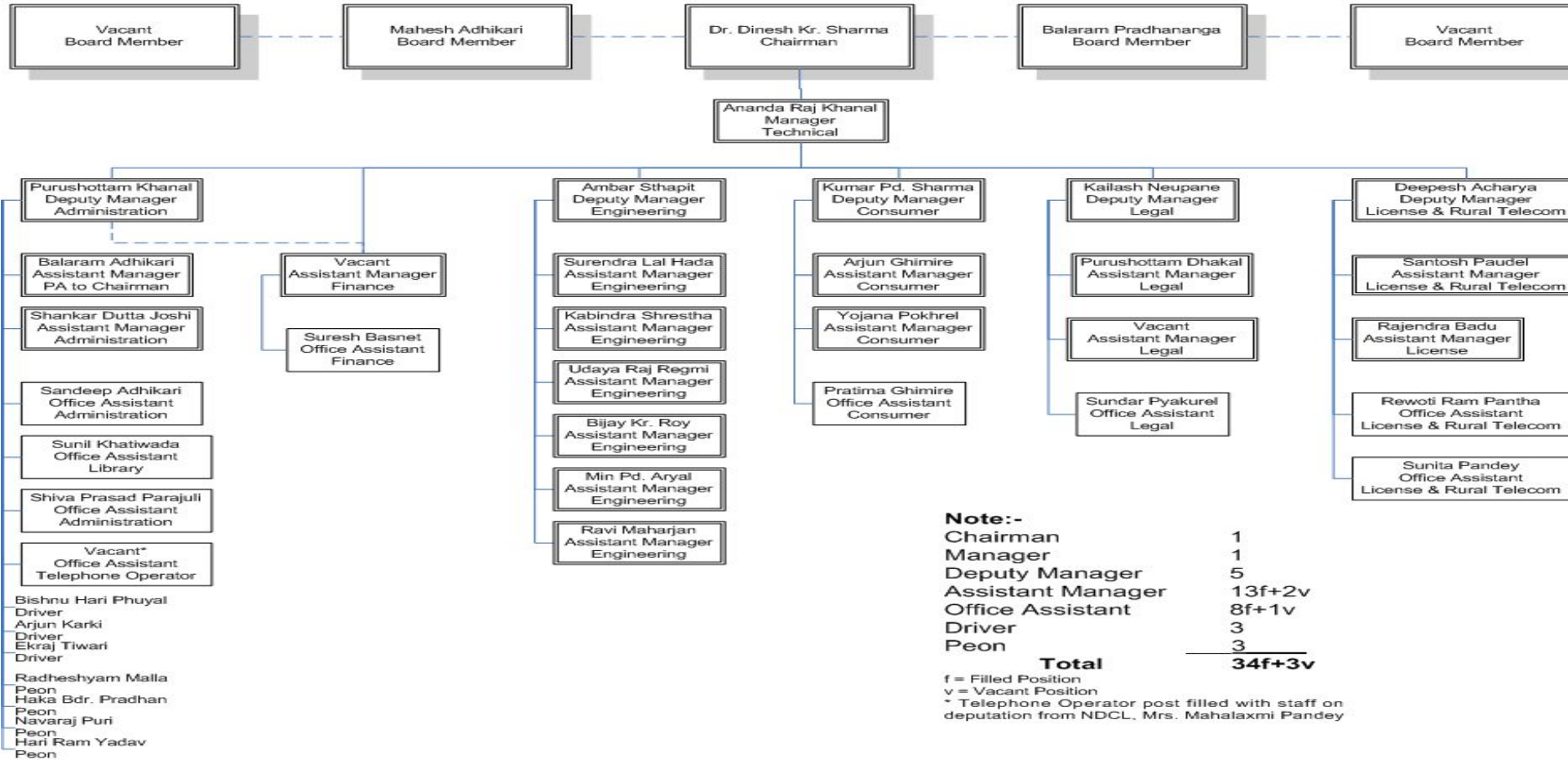
(Data of Previous MIS has been repeated as STM Telecom Sanchar Pvt. Ltd. did not submit data this time)

S. No.	Name of Rural Service Operator	STM Telecom Sanchar Pvt. Ltd.
1	Number of Terminals (Total):	819
2	Number of Terminals (Districtwise)	No Mention
3	Number of Telephone Lines (Total):	1424
4	Number of Telephone Lines (Districtwise):	
	4.1 Bhojpur	76
	4.2 Dhankutta	72
	4.3 Ilam	67
	4.4 Jhapa	58
	4.5 Khotang	153
	4.6 Morang	76
	4.7 Okhaldhunga	93
	4.8 Panchthar	83
	4.9 Saptari	189
	4.1 Sankhuwasava	39
	4.11 Siraha	235
	4.12 Solukhumbu	64
	4.13 Sunsari	62
	4.14 Taplejung	57
	4.15 Terhathum	29
	4.16 Udayapur	71
5	Average Revenue Per User (ARPU): (Rs.)	3052.19
6	Traffic MoU (Minutes of Use/Subscriber/month):	535
7	Quality of Service:	
	7a. Call Completion Ratio:	
	i. Local (STM's Network)	95%
	ii. Local (Other Licensee's Network)	91%
	iii. Domestic (STM's Network)	93%
	iv. Domestic (Other Licensee's Network)	95%
	v. International	No Mention
	7b. Call Setup Time:	2-3 sec
	7c. Maximum all-inclusive transmission delay for a single hop satellite call (in each direction):	270-290 ms in one direction
	7d. Call Drop Rate:	1%
	7e. Percentage customer reported service complaints (per 100 RTS Lines) per month:	37%
	7f. Faults per 100 RTS lines per month:	2.78
	7g. Fault Clearance Rate (indays)	No Mention
8	Billing	
	8a. No. of bills issued per month:	80
	8b. No. of complaints on billing per month:	4
	8c. No of clearance on billing complaints per month:	4
9	Number of currently working staffs (Administrative + Technical):	138
10	Royalty fee for fiscal year (F/Y) 2062/063 paid or not	791273.49

Annex H

Nepal Telecommunications Authority

Organization Chart



Note:-

Chairman	1
Manager	1
Deputy Manager	5
Assistant Manager	13f+2v
Office Assistant	8f+1v
Driver	3
Peon	3
Total	34f+3v

f = Filled Position
 v = Vacant Position
 * Telephone Operator post filled with staff on deputation from NDCL. Mrs. Mahalaxmi Pandey

Annex I - 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	spradhan@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	www.satelliteinnepal.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		