India Telecoms

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Telecommunications

11 November 2008

SO WHAT? THE BNP PARIBAS ANGLE

INDUSTRY OUTLOOK: 1

- We believe the threat to incumbents from entry of new players; MVNOs and Internet Telephony are overplayed.
- We remain conservative on the tower company valuations in the absence of tower sharing arrangements.

Stock Picks									
	BBG		Share	Target		Mkt		- Rec P/E	≣
Company	code	Rec	price	price	Upside	сар	2008	2009E	2010E
			(INR)	(INR)	(%)	(USD m)	(x)	(x)	(x)
Bharti Airtel	BHARTI IN	BUY	659.45	1,075.00	63.0	28,412	18.7	14.3	11.3
Reliance	RCOM IN	BUY	220.35	500.00	126.9	10,253	8.9	7.6	6.5
Idea Cellular	IDEA IN	BUY	49.90	65.00	30.3	3,398	12.6	15.9	12.2

Source: BNP Paribas estimates

- Indian GSM operators reported highest ever monthly net additions of 8m; net adds set to cross 10m including CDMA.
- Bharti maintains lead; under pressure in Bihar from new launches by Idea and Vodafone; Idea posts highest net adds.
- Reiterate POSITIVE outlook on the sector and BUY on Bharti (TP: INR1,075) and Idea (TP: INR65).

What slowdown? Net adds at new high

GSM net adds at new high, cross 8m in October

Indian GSM operators continued to exhibit healthy subscriber growth in October, taking the GSM subscriber base to 242m. GSM subscriber additions in August came in at 8.08m, compared with 7.69m in September 2008 assuming steady net additions for RCOM GSM. Aircel and BPL maintained their run rate. BSNL continued to lose market share, adding 669,551 subscribers.

Bharti maintains lead; under pressure in Bihar circle

Bharti maintained its run rate adding 2.72m subscribers but remains well ahead of the competition in terms of subscriber additions. Bharti witnessed pressure in net additions in Bihar circle with the launch of operations by Idea and Vodafone. Bharti's marketshare of GSM net additions has declined to 33.7% from 40.4% in August 2008. Decline in marketshare for Bharti due to expansion of operations by regional players is already built into our estimates.

Idea and Vodafone gain from new launches

Idea and Vodafone reported their highest ever subscribers additions of 1.2m and 2.07m on the back of new launches, in-line with our thesis of regional players gaining market-share with pan-India expansion. With the new launch, Idea is now present in 15 circles (including two circles from the Spice Communication acquisition) and Vodafone extended its reach to 20 circles. Idea added 73,987 subscribers in Bihar in the first month of launch capturing 21.6% of market share of GSM net additions. Idea added 78,000 subscribers in the recently launched Mumbai circle which is 18.7% of the monthly GSM net additions in the circle. Vodafone added 26,167 subscribers in Bihar and 5,013 subscribers in MP. Spice added 37,385 subscribers posting a gain in subscribers for the second consecutive month after the initial decline in subscriber additions post the announcement of acquisition by Idea Cellular.

We remain POSITIVE on the sector; BUY Bharti and Idea

The Indian telecom sector continues to post new highs in subscriber additions. Bharti maintains its position as an industry leader while Idea is gradually consolidating its position among the top five telecom players in India.

BNP Paribas research is available on Thomson Reuters, Bloomberg, and on http://equities.bnpparibas.com. Please contact your salesperson for authorisation. Please see the important notice on the back page.

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GSM Subscr	iber Base And Oct (08 Net Adds
Operator	Subscribers	Net adds
Aircel	14,659,298	781,055
Bharti	80,199,747	2,720,532
BPL	1,807,902	143,998
BSNL	39,836,494	669,551
Idea	31,582,937	1,202,774
MTNL	3,743,879	66,097
RCOM *	9,581,707	375,580
Spice	3,637,129	37,385
Vodafone	56,703,506	2,078,697
Total	241,752,599	8,075,669

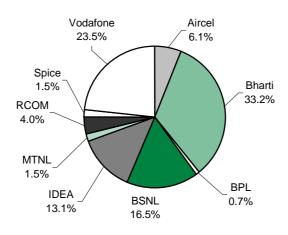
* BNP Paribas estimate as October 2008 data not yet available



Exhibit 1:	GSM Subscriber	Base As Of	October 2	8008							
						—— Оре	rator——				
('000)		Aircel	Bharti	BPL	BSNL	Idea	MTNL	RCOM *	Spice	Vodafone	Grand total
Circle	State	GSM	GSM	GSM	GSM	GSM	GSM	GSM	GSM	GSM	
Α	Andhra	_	7,793		2,649	4,325		_	_	3,327	18,093
	Gujarat	_	3,659		2,309	3,327		_		7,076	16,370
	Karnataka	_	8,723		1,886	_		_	1,432	3,282	15,324
	Maharashtra	_	5,006		3,402	6,261		_		3,670	18,338
	TN	6,491	5,193		2,509	_		_		4,374	18,567
A total		6,491	30,373		12,754	13,913		_	1,432	21,729	86,692
В	Haryana	_	1,149		1,268	1,341		_		1,777	5,535
	Kerala	_	1,974		2,308	3,713		_		2,609	10,603
	MP	_	3,866		2,104	4,137		1,966		5	12,077
	Punjab	_	3,450		2,241			_	2,205	1,886	9,781
	Rajasthan	_	5,753		2,459	1,063		_		4,153	13,427
	UPE	_	4,989		4,577	1,458		_		5,279	16,302
	UPW	_	2,039		2,264	3,373		_		3,684	11,360
	WB	917	2,886		1,586			1,024		3,851	10,265
B total		917	26,105		18,806	15,084		2,990	2,205	23,244	89,352
С	Assam	1,490	1,201		874			1,199		30	4,794
	Bihar	1,122	6,068		2,041	74		2,374		26	11,705
	Himachal	99	873		614	117		594		_	2,297
	Jammu	482	1,291		864			_		_	2,636
	NE	834	738		574			409		16	2,571
	Orissa	697	2,402		1,168	_		1,076		96	5,439
C total		4,724	12,572		6,135	191		5,652		167	29,442
M	Chennai	2,215	2,008		1,021	_		_		1,460	6,704
	Delhi	_	4,317			2,216	1,747	_		3,658	11,938
	Kolkata	311	2,125		1,121			564		2,402	6,522
	Mumbai		2,700	1,808		178	1,996			4,043	10,726
M total		2,526	11,150	1,808	2,142	2,394	3,744	564		11,563	35,891
Grand tot	al	14,659	80,200	1,808	39,836	31,583	3,744	9,206	3,637	56,704	241,377

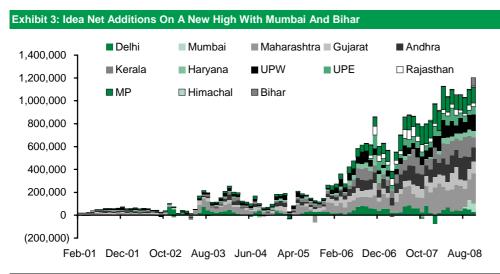
^{*} RCOM October 2008 subscribers assumed to be the same as Sept ember 2008 as October 2008 numbers not yet available Source: COAI

Exhibit 2: GSM Subscriber Market Share



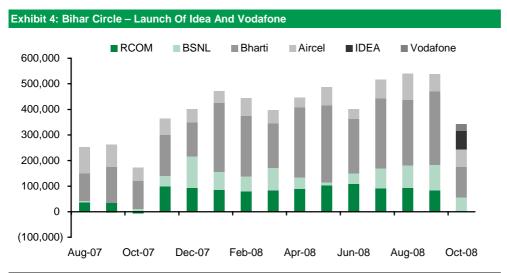
Idea and Vodafone market share increased due to launch of operations in new circles

Sources: COAI; BNP Paribas



Idea crossed 1.2m monthly additions, its highest ever on the back of its launch in Mumbai and Bihar

Sources: COAI; BNP Paribas



Idea and Vodafone launched operations in Bihar. Bharti net additions declined due to increased competition. RCOM numbers not yet available

Sources: COAI; BNP Paribas

	: GSM Sub					on on are							
GSM subscr	iber base by	operator											
	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	June-08	July-08	Aug-08	Sep-08	Oct-0
Aircel	8,524,005	9,025,593	9,428,086	9,933,815	10,185,182	10,610,428	10,989,450	11,491,986	11,924,843	12,475,529	13,126,733	13,878,243	14,659,29
Bharti	50,908,636	52,961,289	55,162,944	57,417,625	59,670,174	61,984,721	64,370,434	66,825,935	69,383,716	72,078,007	74,778,477	77,479,215	80,199,74
BPL	1,201,464	1,220,611	1,239,466	1,256,534	1,276,219	1,294,762	1,313,786	1,331,261	1,378,471	1,439,956	1,517,394	1,663,904	1,807,90
BSNL	31,032,779	31,945,006	32,712,240	33,748,599	34,572,883	36,209,950	36,683,137	36,997,418	37,362,897	37,916,116	38,489,978	39,166,943	39,836,49
ldea	19,421,968	20,222,263	21,054,027	21,954,685	22,873,556	24,001,573	25,039,649	26,140,643	27,194,205	28,248,346	29,278,455	30,380,163	31,582,93
MTNL	2,825,859	2,889,726	2,954,880	3,013,199	3,121,831	3,241,851	3,283,751	3,350,437	3,437,716	3,537,248	3,639,304	3,677,782	3,743,87
RCOM*	5,342,024	5,668,707	6,001,978	6,337,835	6,675,742	7,016,205	7,358,554	7,710,522	8,080,454	8,454,979	8,829,504	9,206,127	9,581,70
Spice	3,570,276	3,661,423	3,800,633	3,942,828	4,084,205	4,210,669	4,363,117	4,497,675	4,547,870	4,197,250	3,563,130	3,599,744	3,637,12
Vodafone	37,186,630	38,562,804	39,864,881	41,145,413	42,557,072	44,126,243	45,780,415	47,466,853	49,195,098	50,950,365	52,758,792	54,624,809	56,703,50
Grand total	160,013,641	166,157,422	172,219,135	178,750,533	185,016,864	192,696,402	199,182,293	205,812,730	212,505,270	219,297,796	225,981,767	233,676,930	241,752,59
GSM market	share (%)												
Aircel	5.33	5.43	5.47	5.56	5.51	5.52	5.52	5.58	5.61	5.69	5.81	5.94	6.0
Bharti	31.82	31.87	32.03	32.12	32.25	32.22	32.32	32.47	32.65	32.87	33.09	33.16	33.1
BPL	0.75	0.73	0.72	0.70	0.69	0.67	0.66	0.65	0.65	0.66	0.67	0.71	0.7
BSNL	19.39	19.23	18.99	18.88	18.69	18.82	18.42	17.98	17.58	17.29	17.03	16.76	16.4
Idea	12.14	12.17	12.23	12.28	12.36	12.48	12.57	12.70	12.80	12.88	12.96	13.00	13.0
MTNL	1.77	1.74	1.72	1.69	1.69	1.69	1.65	1.63	1.62	1.61	1.61	1.57	1.5
RCOM*	3.34	3.41	3.49	3.55	3.61	3.65	3.69	3.75	3.80	3.86	3.91	3.94	3.9
Spice	2.23	2.20	2.21	2.21	2.21	2.19	2.19	2.19	2.14	1.91	1.58	1.54	1.5
Vodafone	23.24	23.21	23.15	23.02	23.00	22.94	22.98	23.06	23.15	23.23	23.35	23.38	23.4
Grand total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.0
CCM mat ada	ditiono by on												
Aircel	ditions by ope 484,650	501,588	402,493	505,729	251,367	425,246	379,022	502,536	432,857	550,686	651,204	751,510	781,05
Bharti	2,032,972	2,052,653	2,201,655	2,254,681	2,252,549	2,314,547	2,385,713	2,455,501	2,557,781	2,694,291	2,700,470	2,700,738	2,720,53
BPL	48,107	19,147	18,855	17,068	19,685	18,543	19,024	17,475	47,210	61,485	77,438	146,510	143,99
BSNL	727,855	912,227	767,234	1,036,359	824,284	1,637,067	473,187	314,281	365,479	553,219	573,862	676,965	669,55
Idea	750,108	800,295	831,764	900,658	918,871	1,128,017	1,038,076	1,100,994	1,053,562	1,054,141	1,030,109	1,101,708	1,202,77
MTNL	53,739	63,867	65,154	58,319	108,632	120,020	41,900	66,686	87,279	99,532	102,056	38,478	66,09
RCOM*	(82,963)	326,683	333,271	335,857	337,907	340,463	342,349	351,968	369,932	374,525	374,525	375,580	375,58
Spice	88,566	91,147	139,210	142,195	141,377	126,464	152,448	134,558	50,195	(350,620)	(634,120)	36,614	37,38
Vodafone	1,529,084	1,376,174	1,302,077	1,280,532	1,411,659	1,569,171	1,654,172	1,686,438	1,728,245	1,755,267	1,808,427	1,866,017	2,078,69
Grand total	5,632,118	6,143,781	6,061,713	6,531,398	6,266,331	7,339,075	6,826,354	6,630,437	6,692,540	6,792,526	6,683,971	7,694,120	8,075,66
GSM net add	ditions marke	•	25:		40:			7.5-	o /=	24:	0.7:	^ ==	
A : I	8.61	8.16		7.74	4.01	5.79	5.55	7.58	6.47	8.11	9.74	9.77	9.6
	~~ / -	33.41	36.32	34.52	35.95	31.54	34.95	37.03	38.22	39.67	40.40	35.10	33.6
Bharti	36.10						0.28	0.26	0.71	0.91	1.16	1.90	1.7
Bharti BPL	0.85	0.31	0.31	0.26	0.31	0.25							
Bharti BPL BSNL	0.85 12.92	14.85	12.66	15.87	13.15	22.31	6.93	4.74	5.46	8.14	8.59	8.80	8.2
Bharti BPL BSNL Idea	0.85 12.92 13.32	14.85 13.03	12.66 13.72	15.87 13.79	13.15 14.66	22.31 15.37	6.93 15.21	16.61	15.74	15.52	8.59 15.41	8.80 14.32	14.8
Bharti BPL BSNL Idea MTNL	0.85 12.92 13.32 0.95	14.85 13.03 1.04	12.66 13.72 1.07	15.87 13.79 0.89	13.15 14.66 1.73	22.31 15.37 1.64	6.93 15.21 0.61	16.61 1.01	15.74 1.30	15.52 1.47	8.59 15.41 1.53	8.80 14.32 0.50	14.8 0.8
Aircel Bharti BPL BSNL Idea MTNL RCOM*	0.85 12.92 13.32 0.95 (1.47)	14.85 13.03 1.04 5.32	12.66 13.72 1.07 5.50	15.87 13.79 0.89 5.14	13.15 14.66 1.73 5.39	22.31 15.37 1.64 4.64	6.93 15.21 0.61 5.02	16.61 1.01 5.31	15.74 1.30 5.53	15.52 1.47 5.51	8.59 15.41 1.53 5.60	8.80 14.32 0.50 4.88	14.8 0.8 4.6
Bharti BPL BSNL Idea MTNL	0.85 12.92 13.32 0.95	14.85 13.03 1.04	12.66 13.72 1.07	15.87 13.79 0.89	13.15 14.66 1.73	22.31 15.37 1.64	6.93 15.21 0.61	16.61 1.01	15.74 1.30	15.52 1.47	8.59 15.41 1.53	8.80 14.32 0.50	14.8 0.8

^{*} BNP Paribas estimates as October 2008 data not yet available Source: COAI

FINANCIAL STATEMENTS

Bharti Airtel

Profit and Loss (INR m)					
Year Ending March	2007A	2008A	2009E	2010E	2011E
Revenue	185,196	270,250	376,429	460,505	528,368
Cost of sales ex depreciation	(82,124)	(116,443)	(166,088)	(199,531)	(227,578)
Gross profit ex depreciation	103,072	153,808	210,341	260,974	300,790
Other operating income	-	-	-	-	-
Operating costs	(28,181)	(40,093)	(57,560)	(72,760)	(83,482)
Operating EBITDA	74,891	113,715	152,781	188,214	217,308
Depreciation	(25,208)	(37,261)	(46,145)	(54,839)	(57,606)
Goodwill amortisation	(384)	-	-	-	-
Operating EBIT	49,299	76,454	106,636	133,375	159,702
Net financing costs	(1,439)	(2,341)	(4,280)	(1,281)	3,859
Associates Recurring non operating income	(3) 1,010	(1) 2,423	2,360	2,373	2,391
Non recurring items	(9)	2,425	2,300	2,373	2,331
Profit before tax	48,858	76,535	104,715	134,467	165,952
Tax	(5,822)	(8,378)	(13,613)	(18,825)	(24,893)
Profit after tax	43,036	68,157	91,102	115,642	141,059
Minority interests	(467)	(1,150)	(3,427)	(4,613)	(5,865)
Preferred dividends	` -	-	-	-	-
Other items	-	-	-	-	-
Reported net profit	42,569	67,007	87,675	111,029	135,194
Non recurring items & goodwill (net)	393	(0)	(0)	(0)	(0)
Recurring net profit	42,962	67,007	87,674	111,029	135,194
Per share (INR)					
Recurring EPS *	22.64	35.30	46.19	58.50	71.23
Reported EPS	22.54	35.30	46.19	58.50	71.23
DPS	-	-	-	-	-
Growth					
Revenue (%)	58.8	45.9	39.3	22.3	14.7
Operating EBITDA (%)	73.3	51.8	34.4	23.2	15.5
Operating EBIT (%)	77.5	55.1	39.5	25.1	19.7
Recurring EPS (%)	90.0	55.9	30.8	26.6	21.8
Reported EPS (%)	86.5	56.6	30.8	26.6	21.8
Operating performance					
Gross margin inc depreciation (%)	42.0	43.1	43.6	44.8	46.0
Operating EBITDA margin (%)	40.4	42.1	40.6	40.9	41.1
Operating EBIT margin (%)	26.6	28.3	28.3	29.0	30.2
Net margin (%) Effective tax rate (%)	23.2 11.9	24.8 10.9	23.3 13.0	24.1 14.0	25.6 15.0
Dividend payout on recurring profit (%)	11.9	10.9	13.0	14.0	15.0
Interest cover (x)	35.2	33.7	25.5	106.0	na
Inventory days	2.9	3.2	2.5	2.1	1.8
Debtor days	21.9	18.6	15.9	15.1	15.7
Creditor days	69.3	55.8	55.1	61.9	61.3
Operating ROIC (%)	32.8	33.3	33.7	36.3	40.9
Operating ROIC - WACC (%)	16.6	17.1	17.4	20.1	24.6
ROIC (%)	26.2	28.9	30.1	32.9	37.2
ROIC - WACC (%)	9.9	12.6	13.9	16.7	20.9
ROE (%)	37.8	37.4	32.9	30.4	27.7
ROA (%)	17.5	18.4	18.1	18.7	19.0
* Pre exceptional, pre-goodwill and fully di	iluted				_
Key Assumptions (INR m)	2007A	2008A	2009E	2010E	2011E
Wireless Subscribers - Mn	37.14	61.98	87.52	105.2	118.6
ARPU	415.6	366.3	335.5	316.5	306.7
MOLL	110 2	170 2	199 O	192 1	476 Q

Revenue estimates include passive infrastructure revenue. We do not value Bharti Infratel separately

EBITDA margin decline in FY09 due to increase in license fees and higher SG&A

Key Assumptions (INR m)	2007A	2008A	2009E	2010E	2011E
Wireless Subscribers - Mn	37.14	61.98	87.52	105.2	118.6
ARPU	415.6	366.3	335.5	316.5	306.7
MOU	448.3	478.2	488.9	483.4	476.8
ARPM	0.93	0.77	0.69	0.65	0.64
Wireless Network Minutes of use - Bn	152.6	284.4	438.6	559	640

Revenue By Division (INR m)	2007A	2008A	2009E	2010E	2011E
Mobile	141,443	217,861	300,948	365,923	411,836
Broadband & Telephone Services	22,454	28,484	33,536	38,395	43,395
Enterprise Services - Carrier Long Distan	34,888	43,170	55,496	63,346	69,681
Enterprise Services - Corporate	9,050	13,217	17,080	19,767	21,744
Passive Infrastructure	-	6,023	56,157	75,574	96,086
Others	804	2,431	3,728	4,374	5,030
Eliminations	(23,443)	(40,936)	(90,516)	(106,874)	(119,405)

Sources: Bharti Airtel; BNP Paribas estimates

Bharti Airtel

Cash Flow (INR m)					
Year Ending March	2007A	2008A	2009E	2010E	2011E
curring net profit	42,962	67,007	87,674	111,029	135,194
reciation ociates & minorities	25,208 470	37,261 1,151	46,145 3,427	54,839 4,613	57,606 5,865
non-cash items	5,404	7,057	-	-	-
curring cash flow	74,044	112,476	137,247	170,481	198,665
ange in working capital	13,302	2,058	19,817	(3,346)	(4,100)
ex - maintenance ex - new investment	(89,271)	(138,468)	(140,000)	(78,286)	(73,972)
e cash flow to equity	(1,925)	(23,934)	17,065 -	88,849	120,593
acquisitions & disposals	(1,020)	-	-	-	
dends paid	-	-	-	-	-
recurring cash flows	(160)	2,655	(333)	-	-
cash flow ty finance	(2,085) 1,648	(21,280) 21,236	16,732	88,849 (4)	120,593
t finance	4,717	45,437	-	(30,000)	(30,000)
ement in cash	4,280	45,393	16,732	58,845	90,593
nare (INR)					
ring cash flow per share	39.21	59.26	72.31	89.82	104.67
to equity per share	(1.02)	(12.61)	8.99	46.81	63.54
nce Sheet (INR m)					
Ending March	2007A	2008A	2009E	2010E	2011E
ng capital assets	34,197	56,149	56,936	61,403	64,276
king capital liabilities working capital	(65,818) (31,621)	(89,828) (33,679)	(110,432) (53,496)	(111,553) (50,150)	(110,326) (46,050)
pible fixed assets	210,604	313,407	407,262	430,708	447,074
rating invested capital	178,983	279,728	353,765	380,558	401,024
dwill	23,684	27,043	27,043	27,043	27,043
er intangible assets	14,116	13,204	13,204	13,204	13,204
stments er assets	736 3,887	166 5,041	166 5,041	166 5,041	166 5,041
sted capital	221,406	325,182	399,219	426,012	446,478
k equivalents	(9,468)	(54,861)	(71,593)	(130,438)	(221,030)
term debt	10,925	19,348	19,348	19,348	19,348
term debt *	41,536	77,715	77,715	47,715	17,715
lebt rred tax	42,993	42,202	25,470	(63,375)	(183,967)
liabilities	2,432 38,627	2,531 54,853	2,531 54,517	2,531 54,517	2,531 54,517
equity	135,553	222,583	310,261	421,286	556,480
rity interests	1,801	3,013	6,440	11,053	16,918
sted capital	221,406	325,182	399,219	426,012	446,478
udes convertibles and preferred sto	ck which is be	eing treated a	as debt		
nare (INR) value per share	71.53	117.27	163.47	221.96	293.19
value per share ble book value per share	71.53 51.58	96.07	142.26	200.76	293.19
cial strength	01.00	00.01	. 12.20	_00.70	
bt/equity (%)	31.3	18.7	8.0	(14.7)	(32.1)
ebt/total assets (%)	14.5	9.0	4.4	(9.5)	(23.7)
nt ratio (x)	0.6	1.0	1.0	1.5	2.2
terest cover (x)	61.7	49.9	37.7	131.5	na
ation	2007A	2008A	2009E	2010E	2011E
ing P/E (x) *	29.1	18.7	14.3	11.3	9.3
ring P/E @ target price (x) *	47.5 29.3	30.5 18.7	23.3	18.4	15.1
	∠9.3	18.7	14.3	11.3	9.3
ed P/E (x)	_				
ed P/E (x) nd yield (%)	-	11.1	9.1	7.3	6.3
ted P/E (x) and yield (%) (x)	- 16.8 neg	11.1 neg	9.1 73.3	7.3 14.1	6.3 10.4
ted P/E (x) nd yield (%) (x) (x) cook (x)	16.8 neg 9.2	neg 5.6	73.3 4.0	14.1 3.0	10.4 2.2
ted P/E (x) nd yield (%) x) (x) book (x) angible book (x)	16.8 neg 9.2 12.8	neg 5.6 6.9	73.3 4.0 4.6	14.1 3.0 3.3	10.4 2.2 2.4
rted P/E (x) end yield (%) (x) F (x) /book (x) /tangible book (x) BITDA (x) **	16.8 neg 9.2 12.8 17.0	neg 5.6 6.9 11.2	73.3 4.0 4.6 8.3	14.1 3.0 3.3 6.5	10.4 2.2 2.4 5.2
orted P/E (x) dend yield (%) = (x) CF (x) e/book (x) e/tangible book (x) EBITDA (x) ** EBITDA @ target price (x) **	16.8 neg 9.2 12.8 17.0 27.3	neg 5.6 6.9 11.2 17.9	73.3 4.0 4.6 8.3 13.4	14.1 3.0 3.3 6.5 10.7	10.4 2.2 2.4 5.2 8.8
orted P/E (x) lend yield (%) F (x) SF (x) le/book (x) le/tangible book (x) BITDA (x) **	16.8 neg 9.2 12.8 17.0 27.3 5.8	neg 5.6 6.9 11.2	73.3 4.0 4.6 8.3	14.1 3.0 3.3 6.5	10.4 2.2 2.4 5.2

Reliance Communications

Drefit and Less (IND m)

Profit and Loss (INR m)							
Year Ending March	2007A	2008A	2009E	2010E	2011E	(Revenue CAGR
Revenue	144,683	190,678	238,498	299,652	357,617 <		expectation over FY08-
Cost of sales ex depreciation	(63,641)	(74,628)	(93,988)	(118,363)	(139,470)		11 reduced from 26% to
Gross profit ex depreciation	81,042	116,050	144,510	181,290	218,146	ì	
Other operating income	=	-	-	-	-		23%. Growth will be
Operating costs	(23,834)	(34,061)	(43,266)	(53,937)	(64,371)		driven by Wireless
Operating EBITDA	57,208	81,989	101,244	127,352	153,775		subscriber CAGR of
Depreciation	(24,653)	(28,054)	(35,603)	(43,082)	(46,775)	(32%
Goodwill amortisation	-	-	-	-	-	`	
Operating EBIT	32,555	53,935	65,641	84,270	107,000		
Net financing costs	(4)	3,998	4,188	1,306	589		
Associates	-	-	-	-	-		
Recurring non operating income	-	-	-	-	-		
Non recurring items	(303)	158	(640)	-			
Profit before tax	32,248	58,091	69,189	85,576	107,589		
Tax	(611)	(2,836)	(4,632)	(9,413)	(13,987)		
Profit after tax	31,637	55,255	64,557	76,163	93,603		
Minority interests	-	(1,244)	(2,540)	(2,540)	(2,540)		
Preferred dividends	-	-	-	-	-		
Other items							
Reported net profit	31,637	54,011	62,017	73,623	91,063		
Non recurring items & goodwill (net)	303	(158)	640	70.000	-		
Recurring net profit	31,940	53,853	62,656	73,623	91,063		
Per share (INR)							
Recurring EPS *	15.60	24.90	28.97	34.04	42.10		We would look at
Reported EPS	15.74	26.32	30.22	35.88	44.38 <	$\overline{}$	EBITDA rather than
DPS	-	-	-	-	-		EPS as RCOM
Growth							
Revenue (%)	34.4	31.8	25.1	25.6	19.3		capitalizes interest, has
Operating EBITDA (%)	128.5	43.3	23.5	25.8	20.7		huge CWIP, low
Operating EBIT (%)	304.8	65.7	21.7	28.4	27.0		depreciation and tax
Recurring EPS (%)	549.9	59.6	16.3	17.5	23.7		expense compared to
Reported EPS (%)	610.9	67.2	14.8	18.7	23.7	(peers
Operating performance						`	
Gross margin inc depreciation (%)	39.0	46.1	45.7	46.1	47.9		
Operating EBITDA margin (%)	39.5	43.0	42.5	42.5	43.0		
Operating EBIT margin (%)	22.5	28.3	27.5	28.1	29.9		
Net margin (%)	22.1	28.2	26.3	24.6	25.5		
Effective tax rate (%)	1.9	4.9	6.7	11.0	13.0		
Dividend payout on recurring profit (%)	-	-	-	-	-		
Interest cover (x)	8138.8	na	na	na	na		
Inventory days	25.5	21.7	16.3	13.4	11.3		
Debtor days	44.3	43.6	48.3	54.1	58.5		
Creditor days	na	na	na	na	na		
Operating ROIC (%)	15.4	16.0	13.5	14.5	17.2		
Operating ROIC - WACC (%)	(1.0)	(0.4)	(2.8)	(1.9)	0.8		
ROIC (%)	15.4	16.0	13.5	14.5	17.2		
ROIC - WACC (%)	(1.0)	(0.4)	(2.8)	(1.9)	0.8		
ROE (%)	19.9	23.4	22.1	21.2	21.2		
ROA (%)	7.4	8.0	7.8	9.0	11.2		
* Pre exceptional, pre-goodwill and fully of	alluted						
Key Assumptions (INR m)	2007A	2008A	2009E	2010E	2011E		
Wireless Subscribers - Mn	29.12	45.79	65.27	86.67	105.3		
Towers	13,849	30,295	55,295	63,891	72,445		
ADDII	370.8	3/13/6	278.5	261.0	253 0 -	_	Me are modeling in 270/

We are modeling in 27% decline over FY08-11

Wireless 152,135 107,276 185,560 238,725 291,390 Global 51,771 54,750 67,993 77,352 84,333 Broadband 11,441 17,868 25,278 33,755 42,424 Others 7,587 3,872 4,304 5,748 6,898 Eliminations (29,677)(38,379)(46,082)(57,077)(68,117)

370.8

503 0.74

2007A

343.6

462.9

2008A

0.74

278.5

417.9

0.67

2009E

261.9

406.7

0.64

2010E

253.0

410.5

0.62

2011E

Sources: Reliance Communications; BNP Paribas estimates

Revenue By Division (INR m)

ARPU

ARPM

MOU

7 BNP PARIBAS

Reliance Communications

Cash Flow (INR m)					
Year Ending March	2007A	2008A	2009E	2010E	2011E
Recurring net profit	31,940	53,853	62,656	73,623	91,063
Depreciation	24,653	28,054	35,603	43,082	46,775
Associates & minorities	-	1,244	2,540	2,540	2,540
Other non-cash items	1,405	3,748	-	-	-
Recurring cash flow	57,998	86,899	100,800	119,245	140,378
Change in working capital	32,310	(33,290)	(1,643)	(42,748)	(34,076)
Capex - maintenance	-	-	-	-	-
Capex - new investment	(53,569)	(176,413)	(171,000)	(64,108)	(29,762)
Free cash flow to equity	36,739	(122,804)	(71,843)	12,389	76,541
Net acquisitions & disposals	-	-	-	-	-
Dividends paid	-	-	-	-	-
Non recurring cash flows	(10,790)	(3,375)	-	-	-
Net cash flow	25,949	(126,179)	(71,843)	12,389	76,541
Equity finance	-	-	-	-	-
Debt finance	63,017	95,832	(12,635)	(40,000)	(80,000)
Movement in cash	88,966	(30,347)	(84,478)	(27,611)	(3,459)
Per share (INR)					
Recurring cash flow per share	28.85	42.35	49.12	58.11	68.41
FCF to equity per share	18.28	(59.85)	(35.01)	6.04	37.30

Capex will peak in FY09; company has guided for capex of USD6b; our capex assumption is ex-tower company capex of USD2b

Balance Sheet (INR m)					
Year Ending March	2007A	2008A	2009E	2010E	2011E
Working capital assets	59,063	97,175	122,521	133,885	142,690
Working capital liabilities	(136,013)	(199, 267)	(250,564)	(219,180)	(193,909) <
Net working capital	(76,950)	(102,092)	(128,043)	(85,295)	(51,219)
Tangible fixed assets	330,423	522,153	676,999	698,024	681,011
Operating invested capital	253,473	420,061	548,956	612,730	629,792
Goodwill	-	· -	-	-	-
Other intangible assets	-	-	-	-	-
Investments	-	-	-	-	-
Other assets	-	-	-	-	-
Invested capital	253,473	420,061	548,956	612,730	629,792
Cash & equivalents	(149,125)	(118,778)	(34,300)	(6,688)	(3,229)
Short term debt	51,804	9,500	2,375	2,375	2,375
Long term debt *	103,634	206,181	205,167	165,167	85,167
Net debt	6,313	96,903	173,242	160,854	84,313
Deferred tax	-	-	-	-	-
Other liabilities	43,173	42,420	44,011	44,011	44,011
Total equity	203,928	256,427	311,090	384,713	475,776
Minority interests	59	24,311	20,612	23,152	25,692
Invested capital	253,473	420,061	548,956	612,730	629,792
* Includes convertibles and preferred stoc	k which is be	eing treated a	as debt		

Huge current liabilities balance due to vendor financing. Reduction of current liabilities as capex moderates will reduce FCF

Per share (INR) Book value per share Tangible book value per share	101.45 101.45	124.96 124.96	151.60 151.60	187.48 187.48	231.86 231.86
Financial strength					
Net debt/equity (%)	3.1	34.5	52.2	39.4	16.8
Net debt/total assets (%)	1.2	13.1	20.8	19.2	10.2
Current ratio (x)	1.1	1.0	0.6	0.6	0.7
CF interest cover (x)	22578.0	na	na	na	na

Valuation	2007A	2008A	2009E	2010E	2011E
Recurring P/E (x) *	14.1	8.9	7.6	6.5	5.2
Recurring P/E @ target price (x) *	32.1	20.1	17.3	14.7	11.9
Reported P/E (x)	14.0	8.4	7.3	6.1	5.0
Dividend yield (%)	=	-	-	-	-
P/CF (x)	7.6	5.2	4.5	3.8	3.2
P/FCF (x)	12.1	neg	neg	36.5	5.9
Price/book (x)	2.2	1.8	1.5	1.2	1.0
Price/tangible book (x)	2.2	1.8	1.5	1.2	1.0
EV/EBITDA (x) **	8.1	6.2	6.0	5.0	3.9
EV/EBITDA @ target price (x) **	17.9	13.2	11.7	9.5	7.6
EV/invested capital (x)	1.8	1.4	1.2	1.0	0.9
* Pre exceptional, pre-goodwill and full	v diluted				

Sources: Reliance Communications; BNP Paribas estimates

^{**} EBITDA includes associate income and recurring non-operating income

Idea Cellular

Profit and Loss (INR m)					
Year Ending March	2007A	2008A	2009E	2010E	2011E
Revenue	43,873	67,376	97,734	128,999	146,712 <
Cost of sales ex depreciation	(19,752)	(32,085)	(53,911)	(75,103)	(80,901)
Gross profit ex depreciation	24,121	35,290	43,823	53,896	65,810
Other operating income	-	-	-	-	-
Operating costs	(9,207)	(12,603)	(16, 265)	(18,232)	(20,587)
Operating EBITDA	14,914	22,688	27,558	35,664	45,223
Depreciation	(6,718)	(8,768)	(12,688)	(16,651)	(21,492)
Goodwill amortisation		-		-	-
Operating EBIT	8,195	13,920	14,870	19,013	23,732
Net financing costs	(3,051)	(2,771)	(4,523)	(3,765)	(5,145)
Associates	-	-	-	-	-
Recurring non operating income	-	-	-	-	-
Non recurring items	-	-	40.047	45.047	40.507
Profit before tax	5,144	11,149	10,347	15,247	18,587
Tax	(70) 5.074	(725)	(1,042)	(1,942)	(2,788)
Profit after tax	5,074	10,424	9,305	13,305	15,799
Minority interests	-	-	-	-	-
Preferred dividends Other items	-	-	-	-	-
Reported net profit	5,074	10,424	9,305	13,305	15,799
Non recurring items & goodwill (net)	3,074	-	5,505	-	-
Recurring net profit	5,074	10,424	9,305	13,305	15,799
Per share (INR)					
Recurring EPS *	2.23	3.96	3.13	4.07	4.84
Reported EPS	2.23	3.96	3.13	4.07	4.84
DPS	-	-	-	-	-
Growth					
Revenue (%)	46.7	53.6	45.1	32.0	13.7
Operating EBITDA (%)	35.7	52.1	21.5	29.4	26.8
Operating EBIT (%)	49.0	69.8	6.8	27.9	24.8
Recurring EPS (%)	79.8	77.4	(20.8)	30.1	18.7
Reported EPS (%)	186.4	77.4	(20.8)	30.1	18.7
			(=0.0)	00	
Operating performance	00.7	00.4	04.0	00.0	00.0
Gross margin inc depreciation (%)	39.7	39.4	31.9	28.9	30.2
Operating EBITDA margin (%)	34.0	33.7	28.2	27.6	30.8
Operating EBIT margin (%)	18.7	20.7	15.2	14.7	16.2
Net margin (%)	11.6	15.5	9.5	10.3	10.8
Effective tax rate (%)	1.4 -	6.5	10.1	12.7	15.0
Dividend payout on recurring profit (%) Interest cover (x)	2.7	5.0	3.3	5.0	4.6
Inventory days	2.7	2.6	na	na	na
Debtor days	na	na	na	na	na
Creditor days	278.8	276.1	207.3	167.8	161.3
Operating ROIC (%)	29.7	26.0	13.1	11.1	12.0
Operating ROIC - WACC (%)	14.0	10.3	(2.6)	(4.6)	(3.7)
ROIC (%)	18.5	20.3	10.0	8.5	9.5
ROIC - WACC (%)	2.8	4.6	(5.7)	(7.2)	(6.3)
ROE (%)	30.8	36.4	10.5	9.0	9.7
ROA (%)	11.4	12.3	6.2	5.6	7.1
* Pre exceptional, pre-goodwill and fully di		12.0	0.2	0.0	
Key Assumptions (INR m)	2007A	2008A	2009E	2010E	2011E
Wireless Subscribers - Mn	14.01	24.00	41.73	54.15	64.86
ARPU	332.0	293.5	258.2	225.4	204.6
MOU	364.0	378.0	424.5	433.3	422.5
ARPM	0.91	0.78	0.61	0.52	0.48
Wireless Minutes on Network (Bn)	45.93	86.21	155.6	221.6	268.1

2007A

43,873

2008A

67,376

2009E

97,734

2010E

128,999

2011E

146,712

We have incorporated Spice financials effective 4QFY09

Reducing EBITDA margin for the next two years as company launches new circles

Sources: Idea Cellular; BNP Paribas estimates

Wireless

Revenue By Division (INR m)

Idea Cellular

Cash Flow (INR m)					
ear Ending March	2007A	2008A	2009E	2010E	2011E
ecurring net profit	5,074	10,424	9,305	13,305	15,799
reciation ociates & minorities	6,718	8,768	12,688	16,651	21,492
er non-cash items	-	4,241	-	-	-
urring cash flow	11,792	23,433	21,993	29,957	37,290
nge in working capital	4,389	1,791	16,052	623	1,848
pex - maintenance pex - new investment	(22,819)	(55,726)	(73,850)	(52,000)	(42,546)
e cash flow to equity	(6,637)	(30,503)	(75,805) (35,805)	(21,421)	(3,408)
t acquisitions & disposals	-	-	(32,639)	-	-
dends paid	- ()	-	- (22.1)	-	-
n recurring cash flows t cash flow	(56) (6,693)	1,519 (28,983)	(331) (68,775)	(21,421)	(3,408)
uity finance	25,000	3,188	103,566	(21,421)	(3,400)
t finance	(1,599)	18,132	33,819	(47,639)	-
ovement in cash	16,707	(7,664)	68,611	(69,060)	(3,408)
hare (INR)	5.40	0.00	7.40	0.47	44.40
urring cash flow per share to equity per share	5.18 (2.92)	8.89 (11.57)	7.40 (12.05)	9.17 (6.56)	11.42 (1.04)
. , , .	(2.92)	(11.57)	(12.00)	(0.50)	(1.04)
ance Sheet (INR m) rr Ending March	2007A	2008A	2009E	2010E	2011E
ing capital assets	6,463	10,525	-	-	-
ng capital liabilities	(21,520)	(27,022)	(34,207)	(34,830)	(36,678)
vorking capital	(15,058)	(16,497)	(34,207)	(34,830)	(36,678)
gible fixed assets	49,236	89,271	187,728	223,077	244,132
rating invested capital	34,179 61	72,773 61	153,521 52,757	188,247 52,757	207,454 52,757
er intangible assets	11,864	17,892	-	-	-
stments	-	-	-	-	-
er assets	-	-	-	-	-
sted capital	46,103	90,727	206,279	241,005	260,211
& equivalents	(18,199)	(10,535)	(79,146)	(10,086)	(6,678)
t term debt term debt *	7,107 35,398	10,605 54,549	13,666 98,973	65,000	65,000
debt	24,306	54,619	33,493	54,914	58,322
erred tax	-	661	1,006	1,006	1,006
er liabilities	-	-	-	-	-
ll equity prity interests	21,798	35,447	141,060 30,720	154,365 30,720	170,164 30,720
sted capital	46,103	90,727	206,279	241,005	260,211
cludes convertibles and preferred sto		ing treated a	as debt	·	•
share (INR)					
ok value per share	9.51	13.45	43.19	47.27	52.10
gible book value per share	4.31	6.64	27.04	31.11	35.95
cial strength	111.5	154.1	19.5	29.7	20.0
ebt/equity (%) ebt/total assets (%)	28.3	42.6	19.5	29.7 19.2	29.0 19.2
rent ratio (x)	0.9	0.6	1.7	0.3	0.2
nterest cover (x)	6.3	10.1	9.4	9.1	8.6
luation	2007A	2008A	2009E	2010E	2011E
rring P/E (x) *	22.4	12.6	15.9	12.2	10.3
rring P/E @ target price (x) * orted P/E (x)	29.2 22.4	16.4 12.6	20.8 15.9	16.0 12.2	13.4 10.3
end yield (%)	∠∠.4 -	12.0	13.8	12.2	10.3
(x)	9.6	5.6	6.7	5.4	4.4
CF (x)	neg	neg	neg	neg	neg
e/book (x)	5.2	3.7	1.2	1.1	1.0
e/tangible book (x)	11.6 9.5	7.5 7.2	1.8 7.5	1.6 6.7	1.4 5.5
EBITDA (x) ** EBITDA @ target price (x) **	9.5 11.8	7.2 8.8	7.5 9.1	6.7 8.1	5.5 6.6
/invested capital (x)	3.0	2.1	1.1	1.0	1.0
re exceptional, pre-goodwill and fully					
BITDA includes associate income ar	nd recurring no	n-operating	income		

Sources: Idea Cellular; BNP Paribas estimates

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Unless otherwise specified, these recommendations are set with a 12-month horizon. Thus, it is possible that future price volatility may cause a temporary mismatch between upside/downside for a stock based on market price and the formal recommendation.

*In most cases, the target price will equal the analyst's assessment of the current fair value of the stock. However, if the analyst doesn't think the market will reassess the stock over the specified time horizon due to a lack of events or catalysts, then the target price may differ from fair value. In most cases, therefore, our recommendation is an assessment of the mismatch between current market price and our assessment of current fair value.

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