# Lots of work ahead

### Buyout of Zain-Africa - inked

Bharti has entered into a legally binding definitive agreement with Zain Group to acquire Zain Africa. To summarise: 1) deal valuation (EV of US\$10.7bn) appears unchanged post the due diligence process; 2) regulatory approvals will now be sought & payment to Zain will be soon after approvals; 3) Bharti seems comfortable about the way forward with minorities of Zain-Nigeria; 4) Bharti will use the "Airtel" brand" in all markets; 5) Bharti has tied-up the entire funding largely via US\$-debt; media reports suggest an all-in cost of ~195bps over LIBOR

#### Overseas operations - lots of work ahead

Pending guidance on key milestones for the Africa operations, we assume that the deal will turn EPS neutral for Bharti in CY12. This will require solid execution to 1) improve capital productivity of African ops that is currently much lower vs the India ops and 2) improve Africa margins despite likely lower tariffs and higher distribution + outsourcing intensity. Visibility on Bharti-Bangladesh is also low.

### India operations - readying for 3G; pressure in 2G continues

On the India front, Bharti appears to be sharpening its 3G focus with 1) the launch of its own mobile applications store and 2) an exclusive tie-up for HTC smartphones. 3G spectrum auctions are slated to commence on 9<sup>th</sup> April. We expect ~US\$1.3bn outgo per operator for pan-India 3G. Meanwhile, our feedback suggests that the industry's wireless margins continue to witness pressure.

#### Many moving parts; valns. vulnerable to execution delays

Based on our rough-sketch estimates for Africa, we estimate that Bharti is trading at a PE of ~14.5x CY10E and an EV/EBITDA of ~7.5x CY10E. These present a 15-30% premium vs GEM wireless and can be justified only if we assume seamless execution in Africa & profit improvement in India over next 2 years.

| Estimates (Mar)                             |        |        |        |        |         |
|---|--------|--------|--------|--------|---------|
| (Rs)  | 2008A  | 2009A  | 2010E  | 2011E  | 2012E   |
| Net Income (Adjusted - mn)                  | 67,008 | 84,699 | 92,012 | 95,780 | 107,152 |
| EPS   | 17.66  | 22.31  | 24.24  | 25.23  | 28.22   |
| EPS Change (YoY)                            | 57.2%  | 26.3%  | 8.6%   | 4.1%   | 11.9%   |
| Dividend / Share                            | 0      | 1.00   | 0      | 6.31   | 7.06    |
| Free Cash Flow / Share                      | (4.56) | (5.41) | 10.77  | 15.23  | 21.33   |
| Valuation (Mar)                             |        |        |        |        |         |
|   | 2008A  | 2009A  | 2010E  | 2011E  | 2012E   |
| P/E   | 17.60x | 13.93x | 12.83x | 12.32x | 11.01x  |
| Dividend Yield                              | 0%     | 0.322% | 0%     | 2.03%  | 2.27%   |
| EV / EBITDA*                                | 11.34x | 8.50x  | 7.93x  | 7.46x  | 6.75x   |
| Free Cash Flow Yield*                       | -1.47% | -1.74% | 3.46%  | 4.90%  | 6.86%   |
| * F ( )   ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( |        |        |        |        |         |

\* For full definitions of *iQmethod*<sup>SM</sup> measures, see page 5.

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Refer to important disclosures on page 6 to 8. Analyst Certification on Page 3. Price Objective Basis/Risk on page 3. Link to Definitions on page 3. 10924349

#### Company Update UNDERPERFORM

Equity | India | Telecom Services-Wireless/Cellular 31 March 2010

# Bank of America 🤎 Merrill Lynch

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Stock Data

| SIUCK Dala                  |                      |
|-----------------------------|----------------------|
| Price                       | Rs310.85             |
| Price Objective             | Rs290.00             |
| Date Established            | 15-Feb-2010          |
| Investment Opinion          | C-3-7                |
| Volatility Risk             | HIGH                 |
| 52-Week Range               | Rs229.50-Rs518.00    |
| Mrkt Val / Shares Out (mn)  | US\$26,173 / 3,796.5 |
| Average Daily Volume        | 9,006,879            |
| BofAML Ticker / Exchange    | BHTIF / BSE          |
| Bloomberg / Reuters         | BHARTI IN / BRTI.BO  |
| ROE (2010E)                 | 26.5%                |
| Net Dbt to Eqty (Mar-2009A) | 22.2%                |
| Est. 5-Yr EPS / DPS Growth  | 14.0% / 50.0%        |
| Free Float                  | 32.9%                |
|                             |                      |



31 March 2010

# *iQprofile*<sup>5M</sup> Bharti Airtel

| Key Income Statement Data (Mar)   | 2008A     | 2009A     | 2010E     | 2011E     | 2012E     |
|---|-----------|-----------|-----------|-----------|-----------|
| (Rs Millions)   |           |           |           |           |           |
| Sales   | 270,250   | 369,615   | 395,560   | 436,492   | 479,157   |
| Gross Profit  | 113,715   | 151,679   | 162,582   | 172,950   | 190,969   |
| Sell General & Admin Expense  | NA        | NA        | NA        | NA        | NA        |
| Operating Profit  | 76,455    | 104,097   | 102,407   | 109,212   | 120,732   |
| Net Interest & Other Income   | 82        | (10,311)  | 5,155     | 1,260     | 691       |
| Associates  | 0         | 0         | 0         | 0         | 0         |
| Pretax Income   | 76,537    | 93,786    | 107,562   | 110,471   | 121,423   |
| Tax (expense) / Benefit   | (8,378)   | (6,615)   | (14,040)  | (14,420)  | (17,064)  |
| Net Income (Adjusted)   | 67,008    | 84,699    | 92,012    | 95,780    | 107,152   |
| Average Fully Diluted Shares Outstanding                                    | 3,794     | 3,796     | 3,796     | 3,796     | 3,796     |
| Key Cash Flow Statement Data  |           |           | ·         |           |           |
| Net Income  | 67,008    | 84,699    | 92,012    | 95,780    | 107,152   |
| Depreciation & Amortization   | 37,260    | 47,582    | 60,175    | 63,738    | 70,237    |
| Change in Working Capital   | 15,519    | (18,500)  | (16,167)  | (1,487)   | (4,028)   |
| Deferred Taxation Charge  | (36)      | 0         | 0         | 0         | 0         |
| Other Adjustments, Net  | 2,373     | 8,361     | 6,804     | 2,912     | 3,153     |
| Cash Flow from Operations   | 122,124   | 122,142   | 142,824   | 160,944   | 176,514   |
| Capital Expenditure   | (139,436) | (142,677) | (101,949) | (103,107) | (95,542)  |
| (Acquisition) / Disposal of Investments                                     | 74        | (20)      | (9,856)   | (28,475)  | (21,870)  |
| Other Cash Inflow / (Outflow)   | 0         | Û Û       | (35,000)  | 0         | 0         |
| Cash Flow from Investing  | (139,362) | (142,697) | (146,805) | (131,582) | (117,412) |
| Shares Issue / (Repurchase)   | 21,147    | (3,636)   | 0         | 0         | 0         |
| Cost of Dividends Paid  | 0         | (3,796)   | 0         | (23,945)  | (26,788)  |
| Cash Flow from Financing  | 62,633    | 14,763    | 3,982     | (29,361)  | (59,102)  |
| Free Cash Flow  | (17,312)  | (20,535)  | 40,875    | 57,837    | 80,972    |
| Net Debt  | 42,200    | 69,731    | 73,713    | 68,296    | 35,983    |
| Change in Net Debt  | (793)     | 27,531    | 3,982     | (5,416)   | (32,314)  |
| Key Balance Sheet Data  |           |           |           |           |           |
| Property, Plant & Equipment   | 313,407   | 409,136   | 451,544   | 491,546   | 519,235   |
| Other Non-Current Assets  | 45,454    | 50,732    | 90,727    | 118,583   | 138,083   |
| Trade Receivables   | 15,986    | 18,262    | 19,681    | 21,804    | 23,996    |
| Cash & Equivalents  | 54,863    | 49,070    | 49,070    | 49,070    | 49,070    |
| Other Current Assets  | 42,933    | 76,747    | 82,156    | 90,657    | 99,519    |
| Total Assets  | 472,643   | 603,947   | 693,179   | 771,661   | 829,903   |
| Long-Term Debt  | 77,715    | 53,993    | 57,975    | 52,558    | 20,245    |
| Other Non-Current Liabilities   | 15,195    | 18,120    | 22,906    | 23,746    | 24,622    |
| Short-Term Debt   | 19,348    | 64,808    | 64,808    | 64,808    | 64,808    |
| Other Current Liabilities   | 134,787   | 152,377   | 143,038   | 152,175   | 159,201   |
| Total Liabilities   | 247,045   | 289,298   | 288,727   | 293,288   | 268,875   |
| Total Equity  | 225,598   | 314,649   | 404,451   | 478,373   | 561,028   |
| Total Equity & Liabilities  | 472,643   | 603,947   | 693,179   | 771,661   | 829,903   |
| <i>iQmethod</i> <sup>sm</sup> - Bus Performance*                            |           |           |           |           |           |
| Return On Capital Employed  | 25.5%     | 24.8%     | 18.6%     | 17.0%     | 16.7%     |
| Return On Equity  | 37.4%     | 32.2%     | 26.5%     | 22.4%     | 21.3%     |
| Operating Margin  | 28.3%     | 28.2%     | 25.9%     | 25.0%     | 25.2%     |
| EBITDA Margin   | 42.1%     | 41.0%     | 41.1%     | 39.6%     | 39.9%     |
| <i>iQmethod</i> <sup>ss</sup> - Quality of Earnings*                        |           |           |           |           |           |
| Cash Realization Ratio  | 1.8x      | 1.4x      | 1.6x      | 1.7x      | 1.6x      |
| Asset Replacement Ratio   | 3.7x      | 3.0x      | 1.7x      | 1.6x      | 1.4x      |
| Tax Rate (Reported)   | 10.9%     | 7.1%      | 13.1%     | 13.1%     | 14.1%     |
| Net Debt-to-Equity Ratio  | 18.7%     | 22.2%     | 18.2%     | 14.3%     | 6.4%      |
| Interest Cover  | 24.8x     | 6.4x      | NM        | 24.3x     | 23.8x     |
| Key Metrics   |           |           |           |           |           |
| * For full definitions of <i>iOmethod</i> <sup>SM</sup> measures see nage 5 |           |           |           |           |           |

\* For full definitions of *iQmethod*<sup>SM</sup> measures, see page 5.

#### **Company Description**

Bharti Airtel (Formerly Bharti Televentures) is India's largest private sector provider of integrated telecom services, especially wireless. The wireless business accounts for nearly three-fourths of the company's revenues. The company is a market leader with pan-India presence.

### Investment Thesis

Our underperform rating on Bharti reflects our concerns over the proposed acquisition of Zain Africa. Deal valuations seem rich and growth outlook for the African portfolio seems uncertain. Assuming 100% debt-financing and overall margin improvements, the deal could dilute Bharti's EPS by 6-14% in CY10-11. Also, we do not foresee any strong upside surprises from Bharti's India operations at least over next 2 quarters.

#### Stock Data

Price to Book Value

3.0x



## Price objective basis & risk Bharti (BHTIF)

Our PO of Rs290/sh values Bharti at a standalone PE of 11.5x Mar '11E and a post-Zain PE of around 13x CY10E & EV/EBITDA of around 7x. The consolidated valuation places Bharti at 0-15% premium vs GEM wireless majors and allows for likely stronger EBITDA growth of Bharti-Zain (around 10-12%) vs GEM wireless growth at around 5%. Upside risks to our PO could stem from 1) stronger than expected profit contribution from Zain Africa, 2) sooner than expected industry consolidation in India, and 3) unforeseen cost savings across Bharti's operations. Further increase of competitive intensity in India and poor execution in Africa pose downside risks.

## Link to Definitions

### Media & Telecom

Click here for definitions of commonly used terms.

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## APR - Telecommunications Coverage Cluster

| Investment rating | Company                            | BofAML ticker | Bloomberg symbol | Analyst                 |
|-------------------|------------------------------------|---------------|------------------|-------------------------|
| BUY               |                                    |               |                  |                         |
|                   | Advanced Info                      | XVDIF         | ADVANC TB        | Thitithep Nophaket      |
|                   | Axiata Group                       | XLMTF         | AXIATA MK        | Reena Verma Bhasin, CFA |
|                   | China Telecom                      | CHA           | CHA US           | Cynthia J.H. Meng       |
|                   | China Telecom-H                    | CHJHF         | 728 HK           | Cynthia J.H. Meng       |
|                   | China Unicom                       | CHUFF         | 762 HK           | Cynthia J.H. Meng       |
|                   | China Unicom -A                    | CHU           | CHU US           | Cynthia J.H. Meng       |
|                   | Globe Telecom                      | GTMEF         | GLO PM           | Jidgette Velasco        |
|                   | Indosat                            | PTITF         | ISAT IJ          | Chen Hsung Khoo, CFA    |
|                   | Indosat - A                        | IIT           | IIT US           | Chen Hsung Khoo, CFA    |
|                   | KT                                 | KT            | KT US            | Sean Oh                 |
|                   | KT                                 | KTCNF         | 030200 KS        | Sean Oh                 |
|                   | LG Telecom                         | LTCLF         | 032640 KS        | Sean Oh                 |
|                   | MobileOne                          | MBOFF         | M1 SP            | Chen Hsung Khoo, CFA    |
|                   | Philippine Long Distance Telephone | ZHPLF         | TEL PM           | Edser Trinidad          |
|                   | PLDT -A                            | PHI           | PHI US           | Edser Trinidad          |
|                   | SingTel                            | SNGNF         | ST SP            | Reena Verma Bhasin, CFA |
|                   | Total Access                       | TACJF         | DTAC SP          | Thitithep Nophaket      |
|                   | Total Access Communication         | TACPF         | DTAC TB          | Thitithep Nophaket      |
|                   | TRUE Corp                          | TCPJF         | TRUE TB          | Thitithep Nophaket      |
| NEUTRAL           | ·                                  |               |                  | · ·                     |
|                   | China Mobile                       | CHLKF         | 941 HK           | Cynthia J.H. Meng       |
|                   | China Mobile - A                   | CHL           | CHL US           | Cynthia J.H. Meng       |
|                   | Idea Cellular                      | IDEAF         | IDEA IN          | Reena Verma Bhasin, CFA |
|                   | SK Telecom                         | SKM           | SKM US           | Sean Oh                 |
|                   | SK Telecom                         | SKMTF         | 017670 KS        | Sean Oh                 |
| JNDERPERFORM      |                                    |               |                  |                         |
|                   | Bharti                             | BHTIF         | BHARTI IN        | Reena Verma Bhasin, CFA |
|                   | DiGi.com Bhd                       | DIGBF         | DIGI MK          | Chen Hsung Khoo, CFA    |
|                   | Maxis                              | MXISF         | MAXIS MK         | Chen Hsung Khoo, CFA    |
|                   | MTNL                               | MTE           | MTE US           | Reena Verma Bhasin, CFA |
|                   | MTNL                               | XMTNF         | MTNL IN          | Reena Verma Bhasin, CFA |
|                   | RCVL                               | RLCMF         | RCOM IN          | Reena Verma Bhasin, CFA |
|                   | SK Broadband                       | HANTF         | 033630 KS        | Sean Oh                 |
|                   | StarHub                            | SRHBF         | STH SP           | Chen Hsung Khoo, CFA    |
|                   | Tata Communications Limited        | TCL           | TCL US           | Reena Verma Bhasin, CFA |
|                   | Tata Communications Limited        | VSLSF         | TCOM IN          | Reena Verma Bhasin, CFA |
|                   | Telekom Malaysia                   | MYTEF         | T MK             | Chen Hsung Khoo, CFA    |
|                   | Telkom                             | TLKMF         | TLKM IJ          | Chen Hsung Khoo, CFA    |
|                   | TCIKUTT                            | I LINIVII     |                  |                         |



#### *iQmethod*<sup>™</sup> Measures Definitions

| ~  |   |   |
|--|---|---|
| <b>Business Performance</b>                  | Numerator   | Denominator   |
| Return On Capital Employed                   | NOPAT = (EBIT + Interest Income) * (1 - Tax Rate) + Goodwill                                    | Total Assets – Current Liabilities + ST Debt + Accumulated Goodwill                                     |
|  | Amortization  | Amortization  |
| Return On Equity                             | Net Income  | Shareholders' Equity  |
| Operating Margin                             | Operating Profit  | Sales   |
| Earnings Growth                              | Expected 5-Year CAGR From Latest Actual   | N/A   |
| Free Cash Flow                               | Cash Flow From Operations – Total Capex   | N/A   |
| Quality of Earnings                          |   |   |
| Cash Realization Ratio                       | Cash Flow From Operations   | Net Income  |
| Asset Replacement Ratio                      | Сарех   | Depreciation  |
| Tax Rate                                     | Tax Charge  | Pre-Tax Income  |
| Net Debt-To-Equity Ratio                     | Net Debt = Total Debt, Less Cash & Equivalents  | Total Equity  |
| Interest Cover                               | EBIT  | Interest Expense  |
| Valuation Toolkit                            |   |   |
| Price / Earnings Ratio                       | Current Share Price   | Diluted Earnings Per Share (Basis As Specified)   |
| Price / Book Value                           | Current Share Price   | Shareholders' Equity / Current Basic Shares   |
| Dividend Yield                               | Annualised Declared Cash Dividend   | Current Share Price   |
| Free Cash Flow Yield                         | Cash Flow From Operations – Total Capex   | Market Cap. = Current Share Price * Current Basic Shares  |
| Enterprise Value / Sales                     | EV = Current Share Price * Current Shares + Minority Equity + Net De                            | ebt + Sales   |
|  | Other LT Liabilities  |   |
| EV / EBITDA                                  | Enterprise Value  | Basic EBIT + Depreciation + Amortization  |
| iQmethod SM is the set of BofA Merrill Lynch | h standard measures that serve to maintain global consistency under three broad headings: Busin | ess Performance, Quality of Earnings, and validations. The key features of iQmethod are: A consistently |

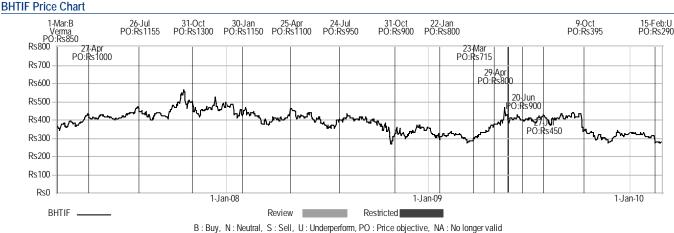
structured, detailed, and transparent methodology. Guidelines to maximize the effectiveness of the comparative valuation process, and to identify some common pitfalls.

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| Coverage Universe                   | Count                 | Percent   | Inv. Banking Relationships* | Count | Percent |
|-------------------------------------|-----------------------|-----------|-----------------------------|-------|---------|
| Buy                                 | 82                    | 45.81%    | Buy                         | 42    | 61.76%  |
| Neutral                             | 56                    | 31.28%    | Neutral                     | 33    | 75.00%  |
| Sell                                | 41                    | 22.91%    | Sell                        | 20    | 58.82%  |
| Investment Rating Distribution: Glo | bal Group (as of 01 . | Jan 2010) |                             |       |         |
| Coverage Universe                   | Count                 | Percent   | Inv. Banking Relationships* | Count | Percent |
| Buy                                 | 1699                  | 50.78%    | Buy                         | 904   | 58.82%  |
| Neutral                             | 841                   | 25.13%    | Neutral                     | 491   | 65.03%  |
| Sell                                | 806                   | 24.09%    | Sell                        | 368   | 49.80%  |

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| Investment rating   | Total return expectation (within 12-month period of date of initial rating) | Ratings dispersion guidelines for coverage cluster* |  |  |
|---|---|---|--|--|
| Buy   | ≥ 10%   | ≤ 70%   |  |  |
| Neutral   | ≥ 0%  | ≤ 30%   |  |  |
| Underperform  | N/A   | ≥ 20%   |  |  |
| * Datings disparsions may your from time to time where BefAML Desearch believes it better reflects the investment prospects of stacks in a Coverage Cluster |   |   |  |  |

\* Ratings dispersions may vary from time to time where BofAML Research believes it better reflects the investment prospects of stocks in a Coverage Cluster.

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