Equity | India | Banks-Retail 29 November 2010

Upgrade to Neutral; risk-return attractive

UBI U/p since our downgrade and recent sector news

UBI has underperformed the benchmark indices by ~15% since our downgrade post their very weak 2Q earnings. More importantly, the underperformance (relative) over the last 1 week by +10% has to do with recent emerging concerns of banks exposure to MFI's, Telco's and housing loan scam. UBI's exposure to MFI's is <0.5% of loans and its commercial RE exposure is <2.5-3.0% and the bank has not been named in housing loan scam.

Upgrade to Neutral (from U/P) on risk-return; PO at Rs375

We believe that with RoEs at 19%/ 21% for FY11/12, stock may trade at +1.6-1.7x FY12 adj. BV (Gordon model). This implies no premium to Gordon model owing to weak earnings outlook (<4% for FY11), lingering NPL concerns and, capital constraints (GOI holding at 55.4%), implying new PO of Rs375 and Neutral.

Why not a Buy

We believe UBI has yet to emerge from asset quality headwinds post 2Q and we reckon earnings growth of only ~10-11% in 2H (yoy), amongst the weakest in govt. bank space. Hence, a Neutral vs. a Buy. We estimate earnings growth to be muted at ~4% in FY11 after building in 84bps of credit costs (vs. 60bps in FY10) and also crystallized pension costs, but we reckon that earnings growth may rebound +30% in FY12 on a lower credit costs, topline and low base.

Estimates (Mar)

| (Rs) | 2009A | 2010A | 2011E | 2012E | 2013E |
|----------------------------------|--------|--------|--------|--------|--------|
| Net Income (Adjusted - mn) | 17,266 | 20,749 | 21,467 | 28,161 | 36,202 |
| EPS | 34.18 | 41.08 | 42.50 | 55.75 | 71.67 |
| EPS Change (YoY) | 24.5% | 20.2% | 3.5% | 31.2% | 28.6% |
| Dividend / Share | 5.00 | 5.50 | 6.50 | 7.50 | 8.50 |
| Pre-exceptional EPS | 29.59 | 31.86 | 34.68 | 51.98 | 69.15 |
| Pre-exceptional EPS Change (YoY) | 40.8% | 7.7% | 8.8% | 49.9% | 33.0% |
| Book Value / Share | 139.66 | 174.37 | 209.59 | 256.94 | 319.09 |
| | | | | | |

Valuation (Mar)

| | 2009A | 2010A | 2011E | 2012E | 2013E |
|------------------------------|--------|--------|--------|--------|--------|
| P/E | 10.0x | 8.3x | 8.0x | 6.1x | 4.8x |
| Dividend Yield | 1.47% | 1.61% | 1.90% | 2.20% | 2.49% |
| Pre-exceptional PE | 11.53x | 10.71x | 9.84x | 6.56x | 4.93x |
| Price / Book | 1.97x | 1.65x | 1.41x | 1.18x | 0.972x |
| RoE / PB | 10.88x | 13.09x | 13.43x | 17.80x | 23.04x |
| Price / Pre-Provision Profit | 6.27x | 5.58x | 4.56x | 3.53x | 2.76x |

Bank of America Merrill Lynch

Rajeev Varma >>
Research Analyst

Research Analyst
DSP Merrill Lynch (India)
rajeev.varma@baml.com

Veekesh Gandhi >>

Research Analyst DSP Merrill Lynch (India) veekesh.qandhi@baml.com +91 22 6632 8666

+91 22 6632 8677

Stock Data

| Price | Rs341.25 |
|------------------------------|-------------------|
| Price Objective | Rs375.00 |
| Date Established | 29-Nov-2010 |
| Investment Opinion | C-2-7 |
| Volatility Risk | HIGH |
| 52-Week Range | Rs236.80-Rs426.95 |
| Mrkt Val / Shares Out (mn) | US\$3,760 / 505.1 |
| Average Daily Volume | 1,214,289 |
| BofAML Ticker / Exchange | UBOIF / BSE |
| Bloomberg / Reuters | UNBK IN / UNBK.BO |
| ROE (2011E) | 19.0% |
| Total Dbt to Cap (Mar-2006A) | NA |
| Est. 5-Yr EPS / DPS Growth | 22.0% / 9.0% |
| Free Float | 39.2% |

Key Changes

| Previous | Current |
|--------------|-----------------------|
| C-3-7 | C-2-7 |
| UNDERPERFORM | NEUTRAL |
| 410.00 | 375.00 |
| | C-3-7 UNDERPERFORM |

>> Employed by a non-US affiliate of MLPF&S and is not registered/qualified as a research analyst under the FINRA rules.

Refer to "Other Important Disclosures" for information on certain BofA Merrill Lynch entities that take responsibility for this report in particular jurisdictions.

BofA Merrill Lynch does and seeks to do business with companies covered in its research reports. As a result, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their investment decision.



iQprofile[™] Union Bank Of India

| Key Income Statement Data (Mar) | 2009A | 2010A | 2011E | 2012E | 2013E |
|---|--------------------|--------------------|--------------------|--------------------|--------------------|
| (Rs Millions) | | | | | |
| Net Interest Income | 38,136 | 41,924 | 55,115 | 66,213 | 80,917 |
| Net Fee Income | 8,133 | 10,799 | 12,783 | 14,822 | 17,379 |
| Securities Gains / (Losses) | 3,386 | 3,227 | 3,711 | 4,156 | 4,572 |
| Other Income | 0 | 14.007 | 0 | 10.070 | 01.051 |
| Total Non-Interest Income | 11,518 | 14,026 | 16,494 | 18,978 | 21,951 |
| Total Operating Income | 49,654 | 55,950 | 71,609 | 85,191 | 102,868 |
| Operating Expenses Pre-Provision Profit | (22,141) 27,513 | (25,078) 30,872 | (33,769) 37,840 | (36,337) 48,854 | (40,373) 62,495 |
| Provisions Expense | (6,266) | (7,199) | (12,385) | (10,528) | (10,528) |
| Operating Profit | 20,010 | 21,434 | 24,855 | 37,326 | 50,667 |
| Non-Operating Income | NA | NA NA | NA | NA | NA |
| Pre-Tax Income | 23,566 | 28,329 | 29,406 | 40,230 | 53,239 |
| Net Income to Comm S/Hold. | 17,266 | 20,749 | 21,467 | 28,161 | 36,202 |
| Adjusted Net Income (Operating) | 17,266 | 20,749 | 21,467 | 28,161 | 36,202 |
| Key Balance Sheet Data | | | | | |
| Total Assets | 1,609,755 | 1,951,618 | 2,314,093 | 2,809,872 | 3,394,828 |
| Average Interest Earning Assets | 1,364,195 | 1,719,265 | 2,066,681 | 2,491,374 | 3,026,437 |
| Weighted Risk Assets | 952,449 | 1,225,980 | 1,422,778 | 1,825,398 | 2,414,668 |
| Total Gross Customer Loans | 981,317 | 1,210,212 | 1,503,084 | 1,862,141 | 2,287,805 |
| Total Customer Deposits | 1,387,028 | 1,700,397 | 2,023,141 | 2,469,549 | 2,993,551 |
| Tier 1 Capital | 77,950 | 96,970 | 117,867 | 130,785 | 161,179 |
| Tangible Equity | 77,950 | 96,970 | 117,867 | 130,785 | 161,179 |
| Common Shareholders' Equity | 87,404 | 104,238 | 122,027 | 145,945 | 177,339 |
| Key Metrics | | | | | |
| Net Interest Margin | 2.80% | 2.44% | 2.67% | 2.66% | 2.67% |
| Tier 1 Ratio | 8.2% | 7.9% | 8.3% | 7.2% | 6.7% |
| Effective Tax Rate | 26.7% | 26.8% | 27.0% | 30.0% | 32.0% |
| Loan / Assets Ratio | 61.0% | 62.0% | 65.0% | 66.3% | 67.4% |
| Loan / Deposit Ratio | 70.7% | 71.2% | 74.3% | 75.4% | 76.4% |
| Oper Leverage (Inc Growth - Cost Growth) Gearing (Assets / Equity) | -8.2% 18.4x | -0.6% 18.7x | -6.7% 19.0x | 11.4% 19.3x | 9.6% 19.1x |
| Tangible Common Equity / Assets | 4.8% | 5.0% | 5.1% | 4.7% | 4.7% |
| Tangible Common Equity / WRAs | 8.2% | 7.9% | 8.3% | 7.2% | 6.7% |
| Revenue Growth | 30.8% | 12.7% | 28.0% | 19.0% | 20.7% |
| Operating Expense Growth | 39.0% | 13.3% | 34.7% | 7.6% | 11.1% |
| Provisions Expense Growth | -5.8% | 14.9% | 72.1% | -15.0% | 0% |
| Operating Revenue / Average Assets | 3.5% | 3.1% | 3.4% | 3.3% | 3.3% |
| Operating Expenses / Average Assets | 1.6% | 1.4% | 1.6% | 1.4% | 1.3% |
| Pre-Provision ROA | 1.9% | 1.7% | 1.8% | 1.9% | 2.0% |
| ROA | 1.2% | 1.2% | 1.0% | 1.1% | 1.2% |
| Pre-Provision ROE | 34.2% | 32.2% | 33.4% | 36.5% | 38.7% |
| ROE | 21.5% | 21.7% | 19.0% | 21.0% | 22.4% |
| RoTE | 22.1% | 21.4% | 18.2% | 21.5% | 22.5% |
| RoWRAs | 1.8% | 1.7% | 1.5% | 1.5% | 1.5% |
| Dividend Payout Ratio | 0.2% | 0.2% | 0.2% | 0.2% | 0.1% |
| Efficiency Ratio (Cost / Income Ratio) Total Non-Interest Inc / Operating Inc | 47.9% 23% | 47.6% 25% | 49.7% 23% | 44.8% 22% | 41.1% 21% |
| Market-Related Revenue / Total Revenues | 6.8% | 5.8% | 5.2% | 4.9% | 4.4% |
| Provisioning Burden as % of PPP | 22.8% | 23.3% | 32.7% | 21.5% | 16.8% |
| NPLs plus Foreclosed Real Estate / Loans | 2.0% | 23.3% | 2.6% | 21.3% | 1.9% |
| Loan Loss Reserves / NPLs | 83.1% | 63.9% | 60.0% | 65.0% | 70.5% |
| Loan Loss Reserves / Total Loans | 1.7% | 1.4% | 1.6% | 1.5% | 1.4% |
| Provisions Expense / Average Loans | 0.7% | 0.7% | 0.9% | 0.6% | 0.5% |
| Other Metrics | | | | | |
| Income / Employee | 0.628 | 0.747 | 0.777 | 1.02 | 1.32 |
| (Operating Expenses) / Employee | 0.805 | 0.903 | 1.22 | 1.32 | 1.48 |
| Pre-Provision Profit / Employee | 0.857 | 1.02 | 1.06 | 1.46 | 1.95 |
| Net Profit / Employee | 0.628 | 0.747 | 0.777 | 1.02 | 1.32 |

Company Description

Union Bank of India, one of the largest state-owned banks with a balance sheet of Rs800bn, is based out of Western India and has over 2,000 branches. The bank is likley to be a key beneficiary of the pickup in corporate credit cycle. It has one of the lowest interest rate risk with a low duration and derisked bond portfolio. Union Bank also has a superior technology platform and better asset quality among the government banks.

Investment Thesis

UBI has three key strengths, in our view: large balance sheet and distribution, good technology, ahead of its peer group in implementation, and a clean balance sheet with low gross and net NPLs, in line with the industry's. Union Bank is the seventh largest bank in India and sixth largest government bank, with a large balance sheet and a diversified distribution network.

Stock Data

Price to Book Value 1.4x



Price objective basis & risk Union Bank India (UBOIF)

We believe that with RoEs at 19%/ 21% for FY11/12, stock may trade at +1.6-1.7x FY12 adj. BV (Gordon model). This implies no premium to Gordon model owing to weak earnings outlook (4% for FY11), lingering NPL concerns and, capital constraints (GOI holding at 55.4%), implying new PO of Rs375 and Neutral. Upside risks are sharply lower NPLs in the ensuing quarters. Downside risks are further sharp rise in NPLs and capital needs restricting growth.

Link to Definitions

Financials

Click here for definitions of commonly used terms.

Analyst Certification

I, Rajeev Varma, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of my compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.

Special Disclosures

In accordance with the SEBI (Foreign Institutional Investors) Regulations and with quidelines issued by the Securities and Exchange Board of India (SEBI), foreign investors (individuals as well as institutional) that wish to transact the common stock of Indian companies must have applied to, and have been approved by SEBI and the Reserve Bank of India (RBI). Each investor who transacts common stock of Indian companies will be required to certify approval as a foreign institutional investor or as a sub-account of a foreign institutional investor by SEBI and RBI. Certain other entities are also entitled to transact common stock of Indian companies under the Indian laws relating to investment by foreigners. BofA Merrill Lynch reserves the right to refuse copy of research on common stock of Indian companies to a person not resident in India. American Depositary Receipts (ADR) representing such common stock are not subject to these Indian law restrictions and may be transacted by investors in accordance with the applicable laws of the relevant jurisdiction. Global Depository Receipts (GDR) and the Global Depository Shares of Indian companies, Indian limited liability corporations, have not been registered under the U.S. Securities Act of 1933, as amended, and may only be transacted by persons in the United States who are Qualified Institutional Buyers (QIBs) within the meaning of Rule 144A under the Securities Act. Accordingly, no copy of any research report on Indian companies' GDRs will be made available to persons who are not QIBs.

| Investment rating | Company | BofAML ticker | Bloomberg symbol | Analyst |
|-------------------|------------------|---------------|------------------|----------------|
| BUY | | | | |
| | Bank of India | XDIIF | BOI IN | Rajeev Varma |
| | Canara Bank | CNRKF | CBK IN | Rajeev Varma |
| | Corporation Bank | XCRRF | CRPBK IN | Veekesh Gandhi |
| | Federal Bank | XFDRF | FB IN | Veekesh Gandhi |
| | HDFC | HGDFF | HDFC IN | Rajeev Varma |
| | HDFC Bank | HDB | HDB US | Rajeev Varma |

| مالم ما | F: | alala. | C | Clus | 4 ~ ~ |
|---------|-------|--------|----------|------|-------|
| ındıa - | Finar | ıcıaıs | Coverage | Clus | ter |

| Investment rating | Company | BofAML ticker | Bloomberg symbol | Analyst |
|-------------------|---------------------------------------|---------------|------------------|----------------|
| | HDFC Bank | XHDFF | HDFCB IN | Rajeev Varma |
| | ICICI Bank | ICIJF | ICICIBC IN | Rajeev Varma |
| | ICICI Bank - A | IBN | IBN US | Rajeev Varma |
| | IndiaBulls Financial Services | IBLFF | IBULL IN | Veekesh Gandhi |
| | Indian Bank | INDIF | INBK IN | Rajeev Varma |
| | Max India | XMXIF | MAX IN | Rajeev Varma |
| | ORBC | ORBCF | OBC IN | Rajeev Varma |
| | Power finance corporation Ltd | PWFEF | POWF IN | Veekesh Gandhi |
| | Punjab | PUJBF | PNB IN | Rajeev Varma |
| | Rural Electrification Corporation Ltd | XULEF | RECL IB | Veekesh Gandhi |
| | SBI | SBINF | SBIN IN | Rajeev Varma |
| | SBI -G | SBKFF | SBID LI | Rajeev Varma |
| | Shriram Transport Finance | SHTFF | SHTF IN | Veekesh Gandhi |
| | Yes Bank Ltd | YESBF | YES IN | Veekesh Gandhi |
| NEUTRAL | | | | |
| | Axis Bank | XAXSF | AXSB IN | Rajeev Varma |
| | Axis Bank - GDR | XBKSF | AXB LI | Rajeev Varma |
| | Bank of Baroda | BKBAF | BOB IN | Rajeev Varma |
| | Union Bank India | UBOIF | UNBK IN | Rajeev Varma |
| UNDERPERFORM | | | | |
| | IDBI | XDBIF | IDBI IN | Veekesh Gandhi |
| | Infrastruct Dev | IFDFF | IDFC IN | Rajeev Varma |
| | LIC Housing Finance, Ltd. | LHFLF | LICHF IN | Veekesh Gandhi |
| | Reliance Capital | RLCCF | RCAPT IN | Rajeev Varma |

| <i>iQmethod</i> ™ Measures Definitions | | | | | |
|--|--|---|--|--|--|
| Business Performance | 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 | Capex | Depreciation | | | |
| Tax Rate | Tax Charge | Pre-Tax Income | | | |
| Net Debt-To-Equity Ratio | Net Debt = Total Debt, Less Cash & Equivalents | Total Equity | | | |

Interest Expense

Interest Cover **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 Debt + Sales

Other LT Liabilities

EBIT

Enterprise Value Basic EBIT + Depreciation + Amortization

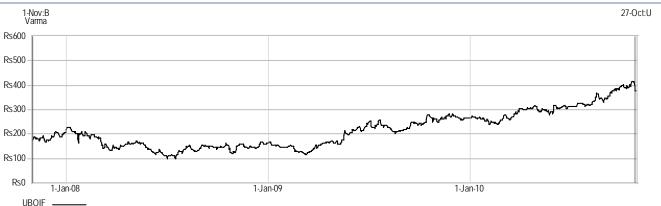
iQmethod sufs the set of BofA Merrill Lynch standard measures that serve to maintain global consistency under three broad headings: Business Performance, Quality of Earnings, and validations. The key features of iQmethod are: A consistently structured, detailed, and transparent methodology. Guidelines to maximize the effectiveness of the comparative valuation process, and to identify some common pitfalls.

iQdatabase® is our real-time global research database that is sourced directly from our equity analysts' earnings models and includes forecasted as well as historical data for income statements, balance sheets, and cash flow statements for companies covered by BofA Merrill Lynch.

iQprofile SM, iQmethod SM are service marks of Merrill Lynch & Co., Inc.iQdatabase [®] is a registered service mark of Merrill Lynch & Co., Inc.

Important Disclosures

UBOIF Price Chart



B: Buy, N: Neutral, S: Sell, U: Underperform, PO: Price objective, NA: No longer valid, NR: No Rating

"Prior to May 31, 2008, the investment opinion system included Buy, Neutral and Sell. As of May 31, 2008, the investment opinion system includes Buy, Neutral and Underperform. Dark Grey shading indicates that a security is under review with the opinion suspended. Light grey shading indicates that a security is under review with the opinion withdrawn. The current investment opinion key is contained at the end of the report. Chart is current as of October 31, 2010 or such later date as indicated. BofA Merrill Lynch price charts do not reflect analysts' coverage of the stock at prior firms."

Investment Rating Distribution: Banks Group (as of 01 Oct 2010)

| invostment reating bistribution. b | arms croup (as or or v | JOI 2010) | | | |
|------------------------------------|------------------------|-----------|-----------------------------|-------|---------|
| Coverage Universe | Count | Percent | Inv. Banking Relationships* | Count | Percent |
| Buy | 123 | 52.56% | Buy | 48 | 47.52% |
| Neutral | 58 | 24.79% | Neutral | 28 | 56.00% |
| Sell | 53 | 22.65% | Sell | 20 | 40.82% |
| Investment Rating Distribution: G | lobal Group (as of 01 | Oct 2010) | | | |
| Coverage Universe | Count | Percent | Inv. Banking Relationships* | Count | Percent |
| Buy | 1948 | 54.31% | Buy | 821 | 46.73% |
| Neutral | 891 | 24.84% | Neutral | 397 | 49.07% |

^{*} Companies in respect of which BofA Merrill Lynch or one of its affiliates has received compensation for investment banking services within the past 12 months. For purposes of this distribution, a stock rated Underperform is included as a Sell.

Sell

259

37.16%

FUNDAMENTAL EQUITY OPINION KEY: Opinions include a Volatility Risk Rating, an Investment Rating and an Income Rating. *VOLATILITY RISK RATINGS*, indicators of potential price fluctuation, are: A - Low, B - Medium and C - High. *INVESTMENT RATINGS* reflect the analyst's assessment of a stock's: (i) absolute total return potential and (ii) attractiveness for investment relative to other stocks within its *Coverage Cluster* (defined below). There are three investment ratings: 1 - Buy stocks are expected to have a total return of at least 10% and are the most attractive stocks in the coverage cluster; 2 - Neutral stocks are expected to remain flat or increase in value and are less attractive than Buy rated stocks and 3 - Underperform stocks are the least attractive stocks in a coverage cluster. Analysts assign investment ratings considering, among other things, the 0-12 month total return expectation for a stock and the firm's guidelines for ratings dispersions (shown in the table below). The current price objective for a stock should be referenced to better understand the total return expectation at any given time. The price objective reflects the analyst's view of the potential price appreciation (depreciation).

Investment rating Total return expectation (within 12-month period of date of initial rating) Ratings dispersion guidelines for coverage cluster*

| | <u> </u> | 3 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 |
|--------------|----------|---|
| Buy | ≥ 10% | ≤ 70% |
| Neutral | ≥ 0% | ≤ 30% |
| Underperform | N/A | ≥ 20% |

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

20.85%

748

INCOME RATINGS, indicators of potential cash dividends, are: 7 - same/higher (dividend considered to be secure), 8 - same/lower (dividend not considered to be secure) and 9 - pays no cash dividend. Coverage Cluster is comprised of stocks covered by a single analyst or two or more analysts sharing a common industry, sector, region or other classification(s). A stock's coverage cluster is included in the most recent BofAML Comment referencing the stock.

Price charts for the securities referenced in this research report are available at http://pricecharts.ml.com, or call 1-888-ML-CHART to have them mailed. The company is or was, within the last 12 months, an investment banking client of MLPF&S and/or one or more of its affiliates: Union Bank India. In the US, retail sales and/or distribution of this report may be made only in states where these securities are exempt from registration or have been qualified for sale: Union Bank India.

MLPF&S or an affiliate has received compensation for investment banking services from this company within the past 12 months: Union Bank India.

MLPF&S or an affiliate expects to receive or intends to seek compensation for investment banking services from this company or an affiliate of the company within the next three months: Union Bank India.

Sell





MLPF&S together with its affiliates beneficially owns one percent or more of the common stock of this company. If this report was issued on or after the 10th day of the month, it reflects the ownership position on the last day of the previous month. Reports issued before the 10th day of a month reflect the ownership position at the end of the second month preceding the date of the report: Union Bank India.

The country in which this company is organized has certain laws or regulations that limit or restrict ownership of the company's shares by nationals of other countries: Union Bank India.

The analystic responsible for covering the accuration in this contribution is the countries.

The analyst(s) responsible for covering the securities in this report receive compensation based upon, among other factors, the overall profitability of Bank of America Corporation, including profits derived from investment banking revenues.



Other Important Disclosures

Officers of MLPF&S or one or more of its affiliates (other than research analysts) may have a financial interest in securities of the issuer(s) or in related investments

BofA Merrill Lynch Global Research policies relating to conflicts of interest are described at http://www.ml.com/media/43347.pdf.

"BofA Merrill Lynch" includes Merrill Lynch, Pierce, Fenner & Smith Incorporated ("MLPF&S") and its affiliates. Investors should contact their BofA Merrill Lynch representative or Merrill Lynch Global Wealth Management financial advisor if they have questions concerning this report.

Information relating to Non-US affiliates of BofA Merrill Lynch and Distribution of Affiliate Research Reports:

MLPF&S distributes, or may in the future distribute, research reports of the following non-US affiliates in the US (short name: legal name): Merrill Lynch (France): Merrill Lynch Capital Markets (France) SAS; Merrill Lynch (Frankfurt): Merrill Lynch International Bank Ltd., Frankfurt Branch; Merrill Lynch (South Africa): (France): Merrill Lynch Capital Markets (France) SAS; Merrill Lynch (Frankfurt): Merrill Lynch International Bank Ltd., Frankfurt Branch; Merrill Lynch (South Africa): Merrill Lynch South Africa (Pty) Ltd.; Merrill Lynch (Milan): Merrill Lynch International Bank Limited; MLI (UK): Merrill Lynch International; Merrill Lynch (Australia): Merrill Lynch (Equities (Australia) Limited; Merrill Lynch (Hong Kong): Merrill Lynch (Asia Pacific) Limited; Merrill Lynch (Singapore): Merrill Lynch (Singapore): Merrill Lynch (Canada): Merrill Lynch Canada Inc; Merrill Lynch (Mexico): Merrill Lynch Mexico, SA de CV, Casa de Bolsa; Merrill Lynch (Japan): Merrill Lynch Japan Securities Co., Ltd.; Merrill Lynch (Seoul): Merrill Lynch International Incorporated (Seoul Branch); Merrill Lynch (Taiwan): Merrill Lynch Securities (Taiwan) Ltd.; DSP Merrill Lynch (India): DSP Merrill Lynch Limited; PT Merrill Lynch (Indonesia; Merrill Lynch (Israel): Merrill Lynch Israel Limited; Merrill Lynch (Russia): Merrill Lynch (Claudi): Merrill Lynch (Turkey): Merrill Lynch Yatirin Bankasi A.S.; Merrill Lynch (Dubai): Merrill Lynch International, Dubai Branch; MLPF&S (Zürich rep. office): MLPF&S Incorporated Zürich representative office; Merrill Lynch Capital Markets Espana, S.A.S.V.; Merrill Lynch (Brazil): Banco Merrill Lynch de Investimentos S.A.

This research report has been approved for publication and is distributed in the United Kingdom to professional clients and eligible counterparties (as each is defined in the Financial Services Authority) by Merrill Lynch International and Banc of America Securities Limited (BASI). which are authorized and

defined in the rules of the Financial Services Authority) by Merrill Lynch International and Banc of America Securities Limited (BASL), which are authorized and regulated by the Financial Services Authority and has been approved for publication and is distributed in the United Kingdom to retail clients (as defined in the rules of the Financial Services Authority) by Merrill Lynch International Bank Limited, London Branch, which is authorized by the Central Bank of Ireland and is subject to limited regulation by the Financial Services Authority – details about the extent of its regulation by the Financial Services Authority are available from it on request; has been considered and distributed in Japan by Merrill Lynch Japan Securities Co., Ltd., a registered securities dealer under the Securities and Exchange Law in Japan; is distributed in Hong Kong by Merrill Lynch (Asia Pacific) Limited, which is regulated by the Hong Kong SFC and the Hong Kong Monetary Authority; is issued and distributed in Taiwan by Merrill Lynch Securities (Taiwan) Ltd.; is issued and distributed in Malaysia by Merrill Lynch (KL) Sdn. Bhd., a licensed investment adviser regulated by Malaysian Securities Commission; is issued and distributed in India by DSP Merrill Lynch Limited; and is issued and distributed in India by DSP Merrill Lynch (Response by Merrill Lynch Limited; and is issued and distributed in Malaysia by Merrill Lynch (Response by Merrill Lynch Limited; and is issued and distributed in Malaysia by Merrill Lynch (Response Decirities Commission; is and Merrill Lynch (Singapora). Singapore by Merrill Lynch International Bank Limited (Merchant Bank) and Merrill Lynch (Singapore) Pte Ltd. (Company Registration No.'s F 06872E and 198602883D respectively) and Bank of America Singapore Limited (Merchant Bank). Merrill Lynch International Bank Limited (Merchant Bank) and Merrill Lynch (Singapore) Pte Ltd. are regulated by the Monetary Authority of Singapore. Merrill Lynch Equities (Australia) Limited (ABN 65 006 276 795), AFS License 235132 provides this report in Australia in accordance with section 911B of the Corporations Act 2001 and neither it nor any of its affiliates involved in preparing this research report is an Authorised Deposit-Taking Institution under the Banking Act 1959 nor regulated by the Australian Prudential Regulation Authority. No approval is required for publication or distribution of this report in Brazil. Merrill Lynch (Dubai) is authorized and regulated by the Dubai Financial Services Authority (DFSA). Research reports prepared and issued by Merrill Lynch (Dubai) are prepared and issued in accordance with the requirements of the DFSA conduct of business rules.

Merrill Lynch (Frankfurt) distributes this report in Germany. Merrill Lynch (Frankfurt) is regulated by BaFin.
This research report has been prepared and issued by MLPF&S and/or one or more of its non-US affiliates. MLPF&S is the distributor of this research report in the US and accepts full responsibility for research reports of its non-US affiliates distributed to MLPF&S clients in the US. Any US person receiving this research report and wishing to effect any transaction in any security discussed in the report should do so through MLPF&S and not such foreign affiliates.

General Investment Related Disclosures:

This research report provides general information only. Neither the information nor any opinion expressed constitutes an offer or an invitation to make an offer, to buy or sell any securities or other financial instrument or any derivative related to such securities or instruments (e.g., options, futures, warrants, and contracts for differences). This report is not intended to provide personal investment advice and it does not take into account the specific investment objectives, financial situation and the particular needs of any specific person. Investors should seek financial advice regarding the appropriateness of investing in financial instruments and implementing investment strategies discussed or recommended in this report and should understand that statements regarding future prospects may not be realized. Any decision to purchase or subscribe for securities in any offering must be based solely on existing public information on such security or the information in the prospectus or other offering document issued in connection with such offering, and not on this report.

Securities and other financial instruments discussed in this report, or recommended, offered or sold by Merrill Lynch, are not insured by the Federal Deposit Insurance Corporation and are not deposits or other obligations of any insured depository institution (including, Bank of America, N.A.). Investments in general and, derivatives, in particular, involve numerous risks, including, among others, market risk, counterparty default risk and liquidity risk. No security, financial instrument or derivative is suitable for all investors. In some cases, securities and other financial instruments may be difficult to value or sell and reliable information about the value or risks related to the security or financial instrument may be difficult to obtain. Investors should note that income from such securities and other financial instruments, if any, may fluctuate and that price or value of such securities and instruments may rise or fall and, in some cases, investors may lose their entire principal investment. Past performance is not necessarily a guide to future performance. Levels and basis for taxation may change.

This report may contain a short-term trading idea or recommendation, which highlights a specific near-term catalyst or event impacting the company or the market that is anticipated to have a short-term price impact on the equity securities of the company. Short-term trading ideas and recommendations are different from and do not affect a stock's fundamental equity rating, which reflects both a longer term total return expectation and attractiveness for investment relative to

other stocks within its Coverage Cluster. Short-term trading ideas and recommendations may be more or less positive than a stock's fundamental equity rating.

BofA Merrill Lynch is aware that the implementation of the ideas expressed in this report may depend upon an investor's ability to "short" securities or other financial instruments and that such action may be limited by regulations prohibiting or restricting "shortselling" in many jurisdictions. Investors are urged to seek advice regarding the applicability of such regulations prior to executing any short idea contained in this report.

Foreign currency rates of exchange may adversely affect the value, price or income of any security or financial instrument mentioned in this report. Investors in such securities and instruments, including ADRs, effectively assume currency risk.

UK Readers: The protections provided by the U.K. regulatory regime, including the Financial Services Scheme, do not apply in general to business coordinated by BofA Merrill Lynch entities located outside of the United Kingdom. BofA Merrill Lynch Global Research policies relating to conflicts of interest are described at http://www.ml.com/media/43347.pdf.

Officers of MLPF&S or one or more of its affiliates (other than research analysts) may have a financial interest in securities of the issuer(s) or in related investments.

MLPF&S or one of its affiliates is a regular issuer of traded financial instruments linked to securities that may have been recommended in this report. MLPF&S or one of its affiliates may, at any time, hold a trading position (long or short) in the securities and financial instruments discussed in this report.

BofA Merrill Lynch, through business units other than BofA Merrill Lynch Global Research, may have issued and may in the future issue trading ideas or

recommendations that are inconsistent with, and reach different conclusions from, the information presented in this report. Such ideas or recommendations reflect



the different time frames, assumptions, views and analytical methods of the persons who prepared them, and BofA Merrill Lynch is under no obligation to ensure that such other trading ideas or recommendations are brought to the attention of any recipient of this report.

In the event that the recipient received this report pursuant to a contract between the recipient and MLPF&S for the provision of research services for a separate fee, and in connection therewith MLPF&S may be deemed to be acting as an investment adviser, such status relates, if at all, solely to the person with whom MLPF&S has contracted directly and does not extend beyond the delivery of this report (unless otherwise agreed specifically in writing by MLPF&S). MLPF&S is and continues to act solely as a broker-dealer in connection with the execution of any transactions, including transactions in any securities mentioned in this report.

Copyright and General Information regarding Research Reports:

Copyright 2010 Merrill Lynch, Pierce, Fenner & Smith Incorporated. All rights reserved. iQmethod, iQmethod 2.0, iQprofile, iQtoolkit, iQworks are service marks of Merrill Lynch & Co., Inc. iQanalytics®, iQcustom®, iQdatabase® are registered service marks of Merrill Lynch and iQuality in iQdatabase. use of BofA Merrill Lynch clients and may not be redistributed, retransmitted or disclosed, in whole or in part, or in any form or manner, without the express written consent of BofA Merfill Lynch. BofA Merfill Lynch Global Research reports are distributed simultaneously to internal and client websites and other portals by BofA Merrill Lynch and are not publicly-available materials. Any unauthorized use or disclosure is prohibited. Receipt and review of this research report constitutes your agreement not to redistribute, retransmit, or disclose to others the contents, opinions, conclusion, or information contained in this report (including any investment

recommendations, estimates or price targets) without first obtaining expressed permission from an authorized officer of BofA Merrill Lynch.

Materials prepared by BofA Merrill Lynch Global Research personnel are based on public information. Facts and views presented in this material have not been reviewed by, and may not reflect information known to, professionals in other business areas of BofA Merrill Lynch, including investment banking personnel. BofA Merrill Lynch has established information barriers between BofA Merrill Lynch Global Research and certain business groups. As a result, BofA Merrill Lynch does not disclose certain client relationships with, or compensation received from, such companies in research reports. To the extent this report discusses any legal proceeding or issues, it has not been prepared as nor is it intended to express any legal conclusion, opinion or advice. Investors should consult their own legal advisers as to issues of law relating to the subject matter of this report. BofA Merrill Lynch Global Research personnel's knowledge of legal proceedings in which any BofA Merrill Lynch entity and/or its directors, officers and employees may be plaintiffs, defendants, co-defendants or co-plaintiffs with or involving companies mentioned in this report is based on public information. Facts and views presented in this material that relate to any such proceedings have not been reviewed by, discussed with, and may not reflect information known to, professionals in other business areas of BofA Merrill Lynch in connection with the legal proceedings or matters relevant to such proceedings.

This report has been prepared independently of any issuer of securities mentioned herein and not in connection with any proposed offering of securities or as agent of any issuer of any securities. None of MLPF&S, any of its affiliates or their research analysts has any authority what soever to make any representation or warranty on behalf of the issuer(s). BofA Merrill Lynch Global Research policy prohibits research personnel from disclosing a recommendation, investment rating, or investment thesis for review by an issuer prior to the publication of a research report containing such rating, recommendation or investment thesis.

Any information relating to the tax status of financial instruments discussed herein is not intended to provide tax advice or to be used by anyone to provide tax advice. Investors are urged to seek tax advice based on their particular circumstances from an independent tax professional.

The information herein (other than disclosure information relating to BofA Merrill Lynch and its affiliates) was obtained from various sources and we do not guarantee its accuracy. This report may contain links to third-party websites. BofA Merrill Lynch is not responsible for the content of any third-party website or any linked content contained in a third-party website. Content contained on such third-party websites is not part of this report and is not incorporated by reference into this report. The inclusion of a link in this report does not imply any endorsement by or any affiliation with BofA Merrill Lynch. Access to any third-party website is at your own risk, and you should always review the terms and privacy policies at third-party websites before submitting any personal information to them. BofA Merrill

Lynch is not responsible for such terms and privacy policies and expressly disclaims any liability for them.

Subject to the quiet period applicable under laws of the various jurisdictions in which we distribute research reports and other legal and BofA Merrill Lynch policy-related restrictions on the publication of research reports, fundamental equity reports are produced on a regular basis as necessary to keep the investment recommendation current.

Certain outstanding reports may contain discussions and/or investment opinions relating to securities, financial instruments and/or issuers that are no longer

current. Always refer to the most recent research report relating to a company or issuer prior to making an investment decision.

In some cases, a company or issuer may be classified as Restricted or may be Under Review or Extended Review. In each case, investors should consider any investment opinion relating to such company or issuer (or its security and/or financial instruments) to be suspended or withdrawn and should not rely on the analyses and investment opinion(s) pertaining to such issuer (or its securities and/or financial instruments) nor should the analyses or opinion(s) be considered a solicitation of any kind. Sales persons and financial advisors affiliated with MLPF&S or any of its affiliates may not solicit purchases of securities or financial instruments that are Restricted or Under Review and may only solicit securities under Extended Review in accordance with firm policies.

Neither BofA Merrill Lynch nor any officer or employee of BofA Merrill Lynch accepts any liability whatsoever for any direct, indirect or consequential damages or losses arising from any use of this report or its contents.