

Equity | India | Computer Services 08 May 2007



Pratish Krishnan >> +91 22 6632 8679

Research Analyst DSP Merrill Lynch (India) pratish krishnan@ml.com

Mitali Ghosh >> +91 22 6632 8661

Research Analyst DSP Merrill Lynch (India) mitali_b_ghosh@ml.com

Prasad Deshmukh >> +91 22 6632 8678

Research Analyst DSP Merrill Lynch (India) prasad_deshmukh@ml.com

TML recruited 1,975 employees during the quarter and guided at fresher recruitments of 4,000 and 7,500 for FY08 and FY09. It has outlined capex spend of US\$100mn against ~US\$30mn during FY07, indicating robust growth plans ahead. Strong traction in its new initiatives, mainly infrastructure mgt, given its entry in AT&T account where ramp up opportunities are large.

We are tweaking adjusted FY08 and FY 09 estimates by -4% and 1% to factor

strong 4Q results and likely impact of rupee appreciation. We retain our Buy on

45% on adjusted EPS basis and robust spend by Telecom service providers.

Tech Mahindra Ltd (TML) with a PO of Rs 2125, given strong earnings CAGR of

Post write-off, focus to shift to fundamentals

Fresher hiring, Capex induces confidence

Fundamentals to ride

Tweaking estimates, Retain Buy

Management wrote off Rs5249mn during the quarter to factor in upfront payment to BT Global services. We have adjusted our EPS to factor in five year write-off, as valuations in our view are unlikely to be influenced by full 4Q write-off. However, investor focus could once again shift to fundamentals, which continue to be strong.

Reasonable valuation, Maintain Buy

Our PO of Rs2125 is at 0.7PEG (FY08PE to FY07-09e) vs our target PEG of ~1 for leading majors like Infosys, implying a target P/E of 21x. We believe this is fair given sharp earnings growth of 45% (FY07-09e), robust IT spends by telecom service providers and increasing trend in offshoring.

Estimates (Mar)

(Rs)	2005A	2006A	2007E	2008E	2009E
Net Income (Adjusted - mn)	1,055	2,422	6,126	9,894	13,842
EPS	8.11	18.63	47.12	76.10	106.47
EPS Change (YoY)	43.7%	129.6%	152.9%	61.5%	39.9%
Dividend / Share	2.20	10.00	10.06	15.72	21.45
Free Cash Flow / Share	18.26	8.95	36.42	34.20	70.37

Valuation (Mar)

	2005A	2006A	2007E	2008E	2009E
P/E	200.22x	87.21x	34.48x	21.35x	15.26x
Dividend Yield	0.135%	0.615%	0.619%	0.967%	1.32%
EV / EBITDA*	143.09x	71.95x	26.83x	16.81x	11.96x
Free Cash Flow Yield*	0.938%	0.470%	2.24%	2.18%	4.59%
* For full definitions of <i>iOmethod</i> SM measures, see page 8.					

Stock Data

Price	Rs1,625
Price Objective	Rs2,125
Date Established	23-Jan-2007
Investment Opinion	C-1-7
Volatility Risk	HIGH
52-Week Range	Rs365.00-Rs2,050
Mrkt Val / Shares Out (mn)	US\$4,842 / 121.8
Average Daily Volume	294,656
ML Symbol / Exchange	TMHAF / BSE
Bloomberg / Reuters	TECHM IN / TEML.BO
ROE (2007E)	90.5%
Net Dbt to Eqty (Mar-2006A)	-12.3%
Est. 5-Yr EPS / DPS Growth	25.0% / 25.0%
Free Float	12.5%



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

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.

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



iQprofile[™] Tech Mahindra Ltd.

Key Income Statement Data (Mar)	2005A	2006A	2007E	2008E	2009E
(Rs Millions)					
Sales	9,456	12,427	29,291	46,643	64,203
Gross Profit	5,480	6,803	18,198	27,622	37,325
Sell General & Admin Expense	NA	NA	NA	NA	NA
Operating Profit	1,060	2,349	6,852	10,969	15,284
Net Interest & Other Income	85	340	15	162	350
Associates	NA	NA	NA	NA	NA
Pretax Income	1,146	2,690	6,867	11,131	15,634
Tax (expense) / Benefit	(91)	(268)	(741)	(1,238)	(1,793)
Net Income (Adjusted)	1,055	2,422	6,126	9,894	13,842
Average Fully Diluted Shares Outstanding	130	130	130	130	130
Key Cash Flow Statement Data					
Net Income (Reported)	1,055	2,422	6,126	9,894	13,842
Depreciation & Amortization	321	397	516	790	1,235
Change in Working Capital	1,082	(1,495)	(1,260)	(2,358)	(2,186)
Deferred Taxation Charge	NA	NA	NA	NA	NA
Other Adjustments, Net	(51)	2	0	0	0
Cash Flow from Operations	2,407	1,326	5,382	8,325	12,891
Capital Expenditure	(549)	(395)	(945)	(4,019)	(3,807)
(Acquisition) / Disposal of Investments	(662)	(1,598)	0	0	0
Other Cash Inflow / (Outflow)	48	128	0	0	0
Cash Flow from Investing	(1,164)	(1,865)	(945)	(4,019)	(3,807)
Shares Issue / (Repurchase)	16	134	1,730	0	0
Cost of Dividends Paid	(412)	(142)	(1,403)	(2,266)	(3,170)
Cash Flow from Financing	(396)	(7)	327	(2,266)	(3,170)
Free Cash Flow	1,857	931	4,437	4,306	9,084
Net Debt	(1,285)	(760)	(275)	(2,496)	(8,410)
Change in Net Debt	(847)	546	(4,765)	(2,041)	(5,914)
Key Balance Sheet Data					
Property, Plant & Equipment	1,710	2,700	3,158	6,295	8,702
Other Non-Current Assets	1,183	1,703	1,703	1,703	1,703
Trade Receivables	2,212	4,377	7,463	11,884	16,359
Cash & Equivalents	1,285	760	455	2,496	8,410
Other Current Assets	377	552	552	602	652
Total Assets	6,767	10,092	13,332	22,981	35,826
Long-Term Debt	0	0	180	0	0
Other Non-Current Liabilities	NA	NA	NA	NA	NA
Short-Term Debt	NA	NA	NA	NA	NA
Other Current Liabilities	1,906	3,938	5,776	7,976	10,150
Total Liabilities	1,906	3,938	5,956	7,976	10,150
Total Equity	4,861	6,154	7,377	15,004	25,676
Total Equity & Liabilities	6,767	10,092	13,332	22,981	35,827
<i>iQmethod</i> [™] - Bus Performance*					
Return On Capital Employed	23.1%	43.9%	90.2%	87.8%	68.0%
Return On Equity	23.6%	44.0%	90.5%	88.4%	68.0%
Operating Margin	11.2%	18.9%	23.4%	23.5%	23.8%
EBITDA Margin	14.6%	22.1%	25.2%	25.2%	25.7%
<i>iQmethod</i> [™] - Quality of Earnings*					
Cash Realization Ratio	2.3x	0.5x	0.9x	0.8x	0.9x
Asset Replacement Ratio	1.7x	1.0x	1.8x	5.1x	3.1x
Tax Rate (Reported)	7.9%	9.9%	10.8%	11.1%	11.5%
Net Debt-to-Equity Ratio	-26.4%	-12.3%	-3.7%	-16.6%	-32.8%
Interest Cover	NA	NA	NM	NM	NA
Key Metrics					

Key Metrics
* For full definitions of *iQmethod* sm measures, see page 8.

Company Description

Set up as JV between M&M and British Telecom, Tech Mahindra is a leading offshore player with a focus on the telecom sector. It derives more than 60% of revenues from its top client, BT, and now is a strategic partner in BT's 21CN initiative. It was ranked 8th in terms of exports by Nasscom and derives more than 60% of revenues from offshoring.

Stock Data

Price to Book Value	26.8x

Retain Buy on Adjusted EPS basis

We have revised our adjusted EPS estimates for FY08 and FY09 by -4% and 1% to factor strong 4Q results and likely impact of appreciating rupee. We retain our Buy on the stock given strong earnings CAGR of 45% and robust fresher intake guidance for FY08 and FY09E.

Management wrote off Rs5249mn as an extraordinary item during 4Q FY07 results as against our expectation of a five year write-off. While upfront payment will not impact FY08 numbers, we believe valuations are unlikely to be influenced by the change in accounting of upfront payment.

Accordingly, for valuation purposes we have adjusted EPS estimates to factor in a five year write-off, given revenues from the deal are likely to flow in over the next five years.

Table 1: Estimate Revisions

	FY 08 old	FY 08new	Change (%) yoy	FY 09old	FY 09 new	Change (%) yoy
Sales	49,894.2	46,643	-7%	65,661	64,203	-2%
EBITDA	11,296.0	11,759	4%	15,407	16,519	7%
PAT	9,393.5	9,894	5%	12,850	13,842	8%
EPS	72.3	76.1	5%	98.9	106.5	8%
Adjusted ML						
EPS*	72.3	69.1	-4%	99.0	99.5	1%

Source: Merrill Lynch Research

 $\label{thm:purpose} \textbf{Note}: \textbf{Adjusted EPS for valuation purpose to factor in five year expensing of BTGS payment}$

In-line 4Q results

Table 2: Quarterly Analysis

Rs m	Q4 FY07	Q3FY07	QoQ	Q4 FY06	YoY	MLe	Var%
Net Sales	8745	7698	13.6%	4212	107.6%	8,391	4.2%
Personnel Cost	3091	2908	6.3%	1740	77.6%	3,173	-2.6%
Traveling Exps	1061	921	15.2%	579	83.2%	1,007	5.4%
Operating and Other Exps	2375	1796	32.2%	818	190.3%	2,014	17.9%
Cost of goods sold excld dep	6,527	5,625	16.0%	3,137	108.1%	6,194	5.4%
EBITDA	2,218	2,073	7.0%	1,075	106.3%	2,197	1.0%
Depreciation	158	137	15.3%	111	42.3%	141	11.9%
EBIT	2,060	1,936	6.4%	964	113.7%	2,056	0.2%
Other Income	154	-32	-581.3%	127	21.3%	35	340.0%
Interest	49	12	308.3%	1	-	51	-3.2%
PBT	2,165	1,892	14.4%	1,090	98.6%	2,040	6.1%
Tax	204	224	-8.9%	106	92.5%	231	-11.5%
PAT	1,961	1,668	17.6%	984	99.3%	1,810	8.4%
Profit before minority int./equity in earnings of affiliates	1,961	1,668	17.6%	984	99.3%	1,810	8.4%
Extraordinary Item- payment to BT GS	(5,250)	0		0		0	-
Reported profit	(3289)	1,668	-297.2%	984	-434.2%	1,810	-281.7%
Recurring Profit	1,961	1,668	17.6%	984	99.3%	1,810	8.4%
			bps		bps		bps
EBITDA margin	25.4%	26.9%	-157	25.5%	-16	26.2%	-82
EBIT margin	23.6%	25.1%	-159	22.9%	67	24.5%	-94
PAT margin	22.4%	21.7%	76	23.4%	-94	21.6%	86

Source: Company, Merrill Lynch Research



- Revenues grew by 14% qoq, ahead of MLe by 4%. Revenue growth was driven by both BT (17% qoq) and Non BT (7% qoq). Share of BT revenues stood at 67% vs 65% in the previous quarter.
- EBITDA margins declined by 157 bps, largely driven by increase in SG&A spend. SG&A spend increased by 165bps to 16% due to incurrence of a few one-time charges. Management expects SG&A to remain near 15% levels.
- Profits grew by 18% QoQ, largely driven by forex gains. Excluding Forex gains profit growth would have been in line with MLe.



Financials

Table 3: Profit & Loss Statement

Profit & Loss Statement (Rs.mn)	FY05	FY06	FY07E	FY08E	FY09E
Revenues	9,456	12,427	29,291	46,643	64,203
Other income	85	340	76	170	350
Total Income	9,542	12,767	29,367	46,813	64,553
Personnel costs	3,976	5,624	11,093	19,020	26,878
Gross Profit	5,480	6,803	18,198	27,622	37,325
Operating and other exps	2,023	2,240	7,336	10,550	13,744
traveling exps	2,076	1,816	3,494	5,313	7,062
Total Expenditure	8,075	9,680	21,923	34,884	47,684
Operating profit	1,381	2,747	7,368	11,759	16,519
Depreciation	321	397	516	790	1,235
EBIT	1,060	2,349	6,852	10,969	15,284
Less Interest	0	0	61	8	0
EBT	1,060	2,349	6,791	10,961	15,284
PBT	1,146	2,690	6,867	11,131	15,634
Taxation	91	268	741	1,238	1,793
Net profits (adj)	1,055	2,422	6,126	9,894	13,842
Tax Write Back	0	0	339	0	0
Extra Ordinary	0	0	-5,249	0	0
Profit Reported	1,055	2,422	1,216	9,894	13,842
ML Adjusted Profit	1,055	2,422	6,126	8,987	12,935

Source: Company, Merrill Lynch Research

Table 4: Balance Sheet

Sources of Funds : (Rs.mn)	FY05	FY06	FY07E	FY08E	FY09E
Share Capital	203	208	1,159	1,159	1,159
Reserves & Surplus	4,658	5,946	6,218	13,846	24,518
Total Shareholders Funds	4,861	6,154	7,377	15,004	25,676
Debt	0	0	180	0	0
Total Liabilities	4,861	6,154	7,557	15,004	25,676
Applications of funds					
Gross Block	2,867	4,580	5,525	9,543	13,350
Less: Accumulated Depreciation	1,156	1,880	2,366	3,248	4,648
Net Block	1,710	2,700	3,158	6,295	8,702
Capital Work in Progress	70	198	198	198	198
Investments (Liquid Mutual funds)	1,113	1,505	1,505	1,505	1,505
Current Assets, Loans & Advances	,	,	,	,	,
Sundry Debtors	2,212	4,377	7,463	11,884	16,359
Cash and Bank	1,285	760	455	2,496	8,410
Loans and Advances	243	441	441	491	541
Total Current Assets	3,740	5,578	8,359	14,871	25,309
Less: Current Liabilities and Provisions					
Current Liabilities	1,290	1,836	3,604	5,734	7,838
Provisions	615	2,102	2,172	2,242	2,312
Total Current Liabilities & Provn	1,906	3.938	5,776	7.976	10,150
Net Current Assets	1,834	1,640	2,584	6,895	15,159
Deferred Tax Assets	134	112	112	112	112
Total Assets	4,861	6,155	7,557	15,005	25,676
Source: Company, Merrill Lynch Research		•			,

5



Table 5: Cash Flows

	FY05	FY06	FY07E	FY08E	FY09E
Net Profit Before taxation	1,115	2,621	6,867	11,131	15,634
Depreciation	321	397	516	790	1,235
Operating profit before working capital changes	1,348	2,858	7,383	11,921	16,869
Trade and Other receivables	523	-2,039	-3,086	-4,471	-4,524
Trade and Other Payables	559	543	1,838	2,201	2,174
Cash generated from Operations	2,430	1,362	6,123	9,563	14,683
Direct Taxes	-23	-36	-741	-1,238	-1,793
Net Cash from Operating activities	2,407	1,326	5,382	8,325	12,891
Cash flow from investing activities					
Purchase of Fixed Assets	-549	-395	-945	-4.019	-3.807
Acquisitions	0	-1,602	0	0	0
Others	48	128	-5,249	0	0
Cash used in investing activities	-1,164	-1,865	-6,194	-4,019	-3,807
Cash used in investing activities (excl treasury)	-502	-1,869	-6,194	-4,019	-3,807
Free Cash Flow	1,857	931	4,437	4,306	9,084
Proceeds from issue of shares (including share premium)	16	134	1.730	0	0
Dividend (including dividend tax paid)	-412	-142	-1,403	-2,266	_
Net cash used in financing activities	-396	-7	507	-2,266	-3,170
Net increase in cash	847	-546	-304	2,041	5,914
cash at the beginning of the year	440	1,287	760	455	2,496
cash at the end of the year	1.287	741	455	2,496	8.410
Source: Company, Merrill Lynch Research	.,207	,	100	2,170	5,110
Source. Company, Merrin Lynon Nescuron					

Table 6: RATIOS

Year Mar 31 (Rs mn)	FY05	FY06	FY07E	FY08E	FY09E
P/CEPS	157	78	149	25	18
P/BV (x)	44	36	33	16	10
EV/EBITDA (x)	186	94	35	22	15
EV/ Revenues	27	21	9	5	4
Growth %					
Revenue	27	31	136	59	38
EBITDA	54	99	168	60	40
EBIT	58%	122%	192%	60%	39%
Net Profit	44	130	153	62	40
Drofitability 0/					
Profitability %	15	22	٦٢	25	27
EBITDA	15	22	25	25	26
Net Profit	11	19	4	21	22
Return %					
RONW	24	44	91	88	68
ROCE	41	71	163	131	107
NOOL		, ,	100	101	107
Per Share Data (Rs.)					
EPS -diluted	8	19	47	76	106
EPS- ML Adjusted	8	19	47	69	100
CEPS	14	27	14	85	117
BVPS	48	59	64	129	222
DPS	2	10	10	16	21
DSO	94	97	93	93	93
Source: Company, Merrill Lynch Research					



Price Objective Basis & Risk

Our PO of Rs2125 is at 0.7PEG (FY08PE to FY07-09e) vs our target PEG of \sim 1 for leading majors like Infosys, implying a target P/E of 21x, lower than Infosys' target multiple of 24x FY09e

Risks to our rating are rapid growth-related execution risks, high vertical (telecom) and client concentration (BT- 67% revenue). Industry-wide risks include growing competition, wage and attrition pressures and risk of rupee appreciation.

Analyst Certification

I, Pratish Krishnan, 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 guidelines 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. 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.



iQmethod[™] 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 Shareholder

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 Cover EBIT

Valuation Toolkit

Price / Earnings RatioCurrent Share PriceDiluted Earnings Per Share (Basis As Specified)Price / Book ValueCurrent Share PriceShareholders' 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

EV / EBITDA Enterprise Value Basic EBIT + Depreciation + Amortization

iQmethod swis the set of 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.

Interest Expense

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 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.

Other LT Liabilities

Important Disclosures

TMHAF Price Chart



B: Buy, N: Neutral, S: Sell, PO: Price objective, NA: No longer valid

The Investment Opinion System is contained at the end of the report under the heading "Fundamental Equity Opinion Key". Dark Grey shading indicates the security is restricted with the opinion suspended. Light Grey shading indicates the security is under review with the opinion withdrawn. Chart current as of April 30, 2007 or such later date as indicated.

Investment Rating Distribution: Technology Group (as of 31 Mar 2007)

investment Rating Distribution. I	cernology or oup (as c	71 31 Wai 2007)			
Coverage Universe	Count	Percent	Inv. Banking Relationships*	Count	Percent
Buy	114	41.76%	Buy	21	20.39%
Neutral	146	53.48%	Neutral	31	22.79%
Sell	13	4.76%	Sell	1	9.09%
Investment Rating Distribution: G	lobal Group (as of 31 I	Mar 2007)			
Coverage Universe	Count	Percent	Inv. Banking Relationships*	Count	Percent
Buy	1562	45.16%	Buy	415	30.09%
Neutral	1615	46.69%	Neutral	446	30.65%
Sell	282	8.15%	Sell	49	19.76%

^{*} Companies in respect of which MLPF&S or an affiliate has received compensation for investment banking services within the past 12 months.

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, indicators of expected total return (price appreciation plus yield) within the 12-month period from the date of the initial rating, are: 1 - Buy (10% or more for Low and Medium Volatility Risk Securities - 20% or more for High Volatility Risk securities); 2 - Neutral (0-10% for Low and Medium Volatility Risk securities - 0-20% for High Volatility Risk securities); 3 - Sell (negative return); and 6 - No Rating. 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.

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: Tech Mahindra.

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: Tech Mahindra.

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



Other Important Disclosures

UK readers: MLPF&S or an affiliate is a liquidity provider for the securities discussed in this report.

Information relating to Non-U.S. affiliates of Merrill Lynch, Pierce, Fenner & Smith Incorporated (MLPF&S):

Information relating to Non-U.S. affiliates of Merrill Lynch, Pierce, Fenner & Smith Incorporated (MLPF&S):

MLPF&S distributes 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): Merrill Lynch South Africa (Pty) Ltd;
Merrill Lynch (Milan): Merrill Lynch International Bank Limited; MLPF&S (UK): Merrill Lynch, Pierce, Fenner & Smith Limited; Merrill Lynch (Australia): Merrill Lynch (Frankfurt): Merrill Lynch (Australia): Merrill Lynch (Singapore): Merrill Lynch (Argentina): Merrill Lynch (Merrill Lynch (Merrill Lynch Merrill Lynch (Merrill Lynch (International Incorporated (Seoul Branch); Merrill Lynch (Taiwan): Merrill Lynch Global (Taiwan) Limited; DSP Merrill Lynch (India): DSP Merrill Lynch Limited; Merrill Lynch (Russia): Merrill Lynch (CIS Limited, Moscow Merrill Lynch (KL) Sdn. Bhd.: Merrill Lynch (Malaysia); Merrill Lynch (Israel): Merrill Lynch Israel Limited; Merrill Lynch (Russia): Merrill Lynch CIS Limited, Moscow

This research report has been prepared and issued by MLPF&S and/or one or more of its non-U.S. affiliates. MLPF&S is the distributor of this research report in the U.S. and accepts full responsibility for research reports of its non-U.S. affiliates distributed in the U.S. Any U.S. person receiving this research report and wishing

the O.S. and accepts unlesponsibility of research reports on its hori-ous. Allighted in the O.S. and accepts unlesponsibility of 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.

This research report has been approved for publication in the United Kingdom by Merrill Lynch, Pierce, Fenner & Smith Limited, which is authorized and regulated by the Financial Services Authority; 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; is issued and distributed in Taiwan by Merrill Lynch Global (Taiwan) Ltd or Merrill Lynch, Pierce, Fenner & Smith Limited (Taiwan Branch); is issued and distributed in Malaysia by Merrill Lynch (KL) Sdn. Bhd., a licensed investment adviser regulated by the Malaysian Securities Commission; and is issued and distributed in Singapore by Merrill Lynch International Bank Limited (Merchant Bank) and Merrill Lynch (Singapore) Pte Ltd (Company Registration No.'s F 06872E and 198602883D respectively). 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. No approval is required for publication or distribution of this report in Brazil.

Merrill Lynch (Frankfurt) distributes this report in Germany. Merrill Lynch (Frankfurt) is regulated by BaFin. Copyright, User Agreement and other general information related to this report:

Copyright 2007 Merrill Lynch, Pierce, Fenner & Smith Incorporated. All rights reserved. This research report is prepared for the use of 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 Merrill Lynch. Merrill Lynch research reports are distributed simultaneously to internal and client websites eligible to receive such research prior to any public dissemination by Merrill Lynch of the research report or information or opinion contained therein. 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) prior to Merrill Lynch's public disclosure of such information. The information herein (other than disclosure information relating to Merrill Lynch and its affiliates) was obtained from various sources and we do not guarantee its accuracy. Merrill Lynch makes no representations or warranties whatsoever as to the data and information provided in any third party referenced website and shall have no liability or responsibility arising out of or in connection with any such referenced website.

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 investment or any options, futures or derivatives related to such securities or investments. It 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 who may receive this report. Investors should seek financial advice regarding the appropriateness of investing in any securities, other investment or investment strategies discussed or recommended in this report and should understand that statements regarding future prospects may not be realized. Investors should note that income from such securities or other investments, if any, may fluctuate and that price or value of such securities and investments may rise or fall. Accordingly, investors may receive back less than originally invested. Past performance is not necessarily a guide to future performance. 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.

Foreign currency rates of exchange may adversely affect the value, price or income of any security or related investment mentioned in this report. In addition, investors in securities such as ADRs, whose values are influenced by the currency of the underlying security, effectively assume currency risk.

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.

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

Fundamental equity reports are produced on a regular basis as necessary to keep the investment recommendation current.

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 & Co., Inc.