JPM-pp1

Asia Pacific Equity Research

26 March 2015

Overweight

Price: HK\$6.69 25 Mar 2015 Price Target: HK\$7.80

PT End Date: 31 Dec 2015

Far East Horizon (3360 HK)

2014 results: seeing pressure on NIM and fee growth; asset quality stable

FEH reported FY14 net profit of Rmb2.3bn, up 20% YoY, broadly in line with J.P. Morgan and Bloomberg consensus estimates. However, the sequential trend in NIM and fee income growth deteriorated in the 2H14. Leasing asset growth in 4Q14 was largely flat qoq. The upside is that asset quality was relatively stable compared to peers. The 20% annual growth in net profit was partly driven by one-off items; stripping these out, net profit growth would have been 7% YoY in 2014. Part of the negative news was in the price, in our view, as the share price has corrected by 10% in the past month. We believe the market may have anticipated a slowdown in profit growth given interest rate cuts and Rmb depreciation. We expect share price performance to come under further pressure in the near term.

- NIM contraction due to rate cut, de-risking, rising hedging costs: FY14 NIM was 3.3%, down 61bp YoY. This implies that 2H14 NIM was 2.99%, down 62bp from 3.61% in 1H14. As FEH reported that 3Q14's NIM was better than 2H14's, NIM contraction mainly happened in 4Q14. For the NIM contraction, management gave some explanation:
 - o <u>Change in tax calculation</u>: ~16bp of the contraction in FY14 was due to the effect (Rmb148m) of changing business tax into VAT tax. For our detailed comment on this, please refer to <u>FEH</u>: <u>Beneficiary of financial disintermediation with low regulatory risk, initiate with OW</u> and FEH: Clarity on tax impact from change in VAT rule, time to move on.
 - o <u>Increasing hedging costs on forex-denominated liabilities</u>: ~10bp of NIM contraction in FY14 was due to hedging costs on forex-denominated liabilities. FEH entered into three (nil in 2013) forward currency contracts to manage its exchange rate exposure. Management mentioned that the hedged portion was 90% at the end of 2014, and hedging costs increased with rising expectations on Rmb depreciation.
 - o <u>Declining asset yield due to de-risking</u>: Management mentioned that it had actively exited some higher-risk borrowers. For example, we noted that the lease yield of the Transportation sector was 7.56% in 2H14, 71bp higher than the overall yield. But the NPL ratio of the Transportation sector was 4.84%, 392bp higher than the overall NPL ratio of 0.91% at end 2014. Thus, exposure to the Transportation sector declined by 1.6ppt YoY to 9.8% at end 2014.
 - o <u>Funding costs have been resilient</u>: 42% of interest-bearing liabilities were raised offshore, and thus won't be affected by the PBOC cutting benchmark interest rates, while 95% of lease receivables are denominated in Rmb and are likely affected by the PBOC rate cut. Referencing 2013 data (2014 not disclosed), 92% of lease receivables are repriced within three months.
- Fee income growth contracted by 29% HoH in 2H14. We believe this is partly due to the de-risking process. Transportation (including shipping) and Printing and Packaging sectors, which saw higher NPL formation pressure, experienced the sharpest contraction in fee income of 83% HoH and 49% HoH.
- Asset quality remains stable and strengthening provision level: Non-performing asset ratio rose by only 2bp HoH in 2H14, much better than that of commercial banks, which saw the NPL ratio go up by 17bp HoH. In addition, special-mention asset ratio went down by 6bp HoH, better than for commercial banks, which saw a 56bp rise HoH. Loan loss reserve ratio and NPL coverage ratio went up by 9bp HoH and 3.4ppt HoH, respectively, to 2.02% and 219%. One alarming sign is that loans overdue more than 30 days went up by 39% HoH to 0.91% of total loans at end 2014. Management commented that they have stopped asset growth in some sectors in 4Q14 in order to conduct a thorough assessment on asset quality. They identified that Transportation and Paper & Packaging are the high-risk sectors. Thus we saw a decline in exposure to those sectors. This may explain the flat lease receivable sequential growth in 4Q14. Management expects asset quality to be stable in 2015 following the stringent exercise.

Table 1: Summary of 2014 results

	Actual vs JPM							
Rmb MM	FY13	FY14	YoY	FY14E	est	1H14	2H14	HoH
	Actual	Actual		JPM Est.		Actual	Actual	
NII	2,779	3,035	9%	3,195	-5.0%	1,582	1,454	-8%
Non interest income	2,672	3,559	33%	3,588	-0.8%	1,757	1,802	3%
Total operating income	5,451	6,594	21%	6,784	-2.8%	3,339	3,255	-3%
Total operating expenses	(2,324)	(2,646)	14%	(2,774)	-4.6%	(1,338)	(1,309)	-2%
Operating profits	3,127	3,948	26%	4,009	-1.5%	2,001	1,947	-3%
Provisions	(535)	(750)	40%	(813)	-7.7%	(395)	(355)	-10%
Pre-tax profit	2,601	3,211	23%	3,201	0.3%	1,607	1,591	-1%
Tax	(685)	(869)	27%	(874)	-0.6%	(440)	(429)	-2%
Minority interest	(3)	(10)	206%	(11)	-5.2%	(5)	(5)	-1%
Net income (attributable to								
common equity shareholders)	1,913	2,296	20%	2,316	-0.8%	1,165	1,131	-3%
Interest-earning assets	80,746	100,829	25%	100,946	-0.1%	94,491	100,829	7%

NPA	646	920	42%	1,008	-8.7%	837	920	10%
Total assets	86,513	110,726	28%	111,588	-0.8%	99,903	110,726	11%
Total interest-bearing liabilities	56,554	71,778	27%	73,669	-2.6%	65,905	71,778	9%
Bond payable	5,864	12,751	117%	16,487	-22.7%	10,019	12,751	27%
Common equity	14,125	16,113	14%	15,915	1.2%	14,717	16,113	9%
NIM	3.91%	3.30%	-61 bps	3.45%	-15 bps	3.61%	2.99%	-62 bps
Cost/Income ratio	42.6%	40.1%	-2 pt	40.9%	1 pt	40.1%	40.2%	0 pt
Credit cost	0.75%	0.79%	4 bps	0.86%	-7 bps	0.86%	0.70%	-16 bps
Non-performing asset ratio	0.80%	0.91%	11 bps	1.00%	-9 bps	0.89%	0.91%	2 bps
Coverage ratio	219.2%	218.7%	-1 pt	215.8%	-3 pt	215.3%	218.7%	3 pt
Provision/EOP Loans	0.64%	0.71%	7 bps	0.79%	-8 bps	0.80%	0.67%	-13 bps
Debt/Equity	4.0x	4.1x	0.1x	4.3x	0.2x	4.1x	4.1x	0.0x
ROA	2.59%	2.35%	-24 bps	2.33%	2 bps	2.50%	2.15%	-35 bps
ROE (attributable to common								
equity shareholders)	14.2%	15.2%	100 bps	14.8%	37 bps	15.5%	14.7%	-84 bps

Source: J.P. Morgan estimates, Company data.

Table 2: FEH 2H14 results summary

Rmb MM	1H13	2H13	1H14	2H14	НоН	YoY
NII	1,339	1,440	1,582	1,454	-8%	1%
Non interest income	1,264	1,408	1,757	1,802	3%	28%
Total operating income	2,603	2,848	3,339	3,255	-3%	14%
Total operating expenses	(974)	(1,350)	(1,338)	(1,309)	-2%	-3%
Operating profits	1,630	1,498	2,001	1,947	-3%	30%
Provisions	(258)	(277)	(395)	(355)	-10%	28%
Pre-tax profit	1,372	1,228	1,611	1,601	-1%	30%
Tax	(339)	(346)	(440)	(429)	-2%	24%
Minority interest	1	(4)	(5)	(5)	-1%	31%
Net income (attributable to common						
equity shareholders)	1,034	879	1,165	1,131	-3%	29%
Interest-earning assets	1,575	2,250	2,608	3,191	22%	42%
NPA	527	646	837	920	10%	42%
Total assets	72,996	86,513	99,903	110,726	11%	28%
Total interest-bearing liabilities	42,148	50,690	55,886	59,027	6%	16%
Bond payable	4,627	5,864	10,019	12,751	27%	117%
Common equity	13,261	14,125	14,717	16,113	9%	14%
NIM	4.22%	3.60%	3.61%	2.99%	-62 bps	-61 bps
Cost/Income ratio	37.4%	47.4%	40.1%	40.2%	0 pt	-7 pt
Credit cost	0.80%	0.71%	0.86%	0.70%	-16 bps	-1 bps
Non-performing asset ratio	0.77%	0.80%	0.89%	0.91%	2 bps	11 bps
Coverage ratio	216.6%	219.2%	215.3%	218.7%	3 pt	-1 pt
Provision/EOP Loans	0.74%	0.65%	0.80%	0.67%	-13 bps	2 bps
Debt/Equity	3.5x	4.0x	4.1x	4.1x	0.0x	0.1x
ROA	3.10%	2.20%	2.50%	2.15%	-35 bps	-6 bps
ROE (attributable to common equity					•	•
shareholders)	15.8%	12.8%	15.5%	14.7%	-84 bps	184 bps

Source: Company reports, J.P. Morgan estimates.

Investment Thesis

- Higher growth rate than other China financial companies due to positive industry trends, as lease penetration is low in China, but has been rising steadily in recent years, and the government's reform efforts on increasing leasing as a percentage of total social financing;
- FEH faces fewer regulatory headwinds than banks, as it is not involved in shadow banking, the interbank market or local government lending activities;
- FEH could see lower risks from interest rate de-regulation as it does not take deposits and FEH has a matching re-pricing cycle on its assets and liabilities side. In short, it is able to pass on higher funding costs to its leasing tenants.
- FEH has lower credit risks than banks, mainly because: 1) all FEH's lending book is more transparent than banks with all leases secured by underlying leased assets; 2) as FEH owns the legal title and deeds of the lease assets, the repossession process at times of defaults will be easier than banks; 3) the repayment of principal plus interest is on a quarterly basis, this means that exposure to defaults is lower;
- FEH has been diversifying its funding source to ensure stable growth. FEH obtained 41% of interest-bearing liabilities from overseas markets at end 1H14. According to SAFE regulations, FEH can transfer funds which are equivalent to 9 times its net assets from overseas to China; currently overseas liabilities are equivalent to about 1 times FEH's net assets.
- Issuance of perpetual bonds, which is counted as part of equity, has significantly lower risks on equity raising.

Valuation

We derive a Dec-15 price target of HK\$7.80 with a dividend-derived valuation. Key assumptions include: cost of capital of 13.7%, normalized ROE of 12.9%, a long-term growth rate of 6% and a terminal date of valuation of Dec-16.

Risks to Rating and Price Target

- Equity raising risk due to rapid asset expansion
- Slowdown in fee growth due to pressure on corporate cash flow
- Slowdown in asset growth if growth in interest-bearing liabilities slows down due to liquidity tightening in China
- Losing market share due to fierce competition
- Asset quality deterioration amid slower macro growth

Banks & Financial Services

AC.

Katherine Lei

(852) 2800-8552

katherine.lei@jpmorgan.com

Bloomberg JPMA LEI <GO>

Lu Lu

(852) 2800-8592

lu.lu@jpmorgan.com

Josh Klaczek

(852) 2800-8534

josh.klaczek@jpmorgan.com

J.P. Morgan Securities (Asia Pacific) Limited

www.jpmorganmarkets.com

Analyst Certification: The research analyst(s) denoted by an "AC" on the cover of this report certifies (or, where multiple research analysts are primarily responsible for this report, the research analyst denoted by an "AC" on the cover or within the document individually certifies, with respect to each security or issuer that the research analyst covers in this research) that: (1) all of the views expressed in this report accurately reflect his or her personal views about any and all of the subject securities or issuers; and (2) no part of any of the research analyst's compensation was, is, or will be directly or indirectly related to the specific recommendations or views expressed by the research analyst(s) in this report. For all Korea-based research analysts listed on the front cover, they also certify, as per KOFIA requirements, that their analysis was made in good faith and that the views reflect their own opinion, without undue influence or intervention.

J.P. Morgan 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.

Important Disclosures

Company-Specific Disclosures: Important disclosures, including price charts and credit opinion history tables, are available for compendium reports and all J.P. Morgan—covered companies by visiting https://jpmm.com/research/disclosures, calling 1-800-477-0406, or e-mailing research.disclosure.inquiries@jpmorgan.com with your request. J.P. Morgan's Strategy, Technical, and Quantitative Research teams may screen companies not covered by J.P. Morgan. For important disclosures for these companies, please call 1-800-477-0406 or e-mail research.disclosure.inquiries@jpmorgan.com.

http://gps-app.amer.jpmchase.net:6080/server/console/chart/?shareClassId=1005737&shareClassServerId=4&chartDesignation=1&actionType=0

Date	Rating	Share Price (HK\$)	Price Target (HK \$)
06-Jan-14	OW	6.33	7.60
27-Oct-14	OW	6.66	7.80

The chart(s) show J.P. Morgan's continuing coverage of the stocks; the current analysts may or may not have covered it over the entire period.

J.P. Morgan ratings or designations: OW = Overweight, N= Neutral, UW = Underweight, NR = Not Rated

Explanation of Equity Research Ratings, Designations and Analyst(s) Coverage Universe:

J.P. Morgan uses the following rating system: Overweight [Over the next six to twelve months, we expect this stock will outperform the average total return of the stocks in the analyst's (or the analyst's team's) coverage universe.] Neutral [Over the next six to twelve months, we expect this stock will perform in line with the average total return of the stocks in the analyst's team's) coverage universe.] Underweight [Over the next six to twelve months, we expect this stock will underperform the average total return of the stocks in the analyst's (or the analyst's team's) coverage universe.] Not Rated (NR): J.P. Morgan has removed the rating and, if applicable, the price target, for this stock because of either a lack of a sufficient fundamental basis or for legal, regulatory or policy reasons. The previous rating and, if applicable, the price target, no longer should be relied upon. An NR designation is not a recommendation or a rating. In our Asia (ex-Australia) and U.K. small- and mid-cap equity research, each stock's expected total return is compared to the expected total return of a benchmark country market index, not to those

analysts' coverage universe. If it does not appear in the Important Disclosures section of this report, the certifying analyst's coverage universe can be found on J.P. Morgan's research website, www.jpmorganmarkets.com.

Coverage Universe: Lei, Katherine: Agricultural Bank of China - A (601288.SS), Agricultural Bank of China - H (1288.HK), Bank of China - A (601988.SS), Bank of China - H (3988.HK), Bank of Communications - A (601328.SS), Bank of Communications - H (3328.HK), CITIC Securities - A (600030.SS), CITIC Securities - H (6030.HK), China Cinda Asset Management Co Ltd (1359.HK), China Citic Bank - A (601998.SS), China Citic Bank - H (0998.HK), China Construction Bank - A (601939.SS), China Construction Bank - H (0939.HK), China Galaxy Securities Co - H (6881.HK), China Merchants Bank - A (600036.SS), China Merchants Bank - H (3968.HK), China Minsheng Banking - A (600016.SS), China Minsheng Banking - H (1988.HK), Chongqing Rural Commercial Bank (3618.HK), Far East Horizon (3360.HK), Haitong Securities - A (600837.SS), Haitong Securities - H (6837.HK), Huishang Bank (3698.HK), Industrial and Commercial Bank of China - A (601398.SS), Industrial and Commercial Bank of China - H (1398.HK)

J.P. Morgan Equity Research Ratings Distribution, as of January 1, 2015

	Overweight	Neutral	Underweight
	(buy)	(hold)	(sell)
J.P. Morgan Global Equity Research Coverage	45%	43%	12%
IB clients*	56%	49%	33%
JPMS Equity Research Coverage	45%	48%	7%
IB clients*	75%	67%	52%

^{*}Percentage of investment banking clients in each rating category.

For purposes only of FINRA/NYSE ratings distribution rules, our Overweight rating falls into a buy rating category; our Neutral rating falls into a hold rating category; and our Underweight rating falls into a sell rating category. Please note that stocks with an NR designation are not included in the table above.

Equity Valuation and Risks: For valuation methodology and risks associated with covered companies or price targets for covered companies, please see the most recent company-specific research report at http://www.jpmorganmarkets.com, contact the primary analyst or your J.P. Morgan representative, or email research.disclosure.inquiries@jpmorgan.com.

Equity Analysts' Compensation: The equity research analysts responsible for the preparation of this report receive compensation based upon various factors, including the quality and accuracy of research, client feedback, competitive factors, and overall firm revenues.

Registration of non-US Analysts: Unless otherwise noted, the non-US analysts listed on the front of this report are employees of non-US affiliates of JPMS, are not registered/qualified as research analysts under NASD/NYSE rules, may not be associated persons of JPMS, and may not be subject to FINRA Rule 2711 and NYSE Rule 472 restrictions on communications with covered companies, public appearances, and trading securities held by a research analyst account.

Other Disclosures

J.P. Morgan ("JPM") is the global brand name for J.P. Morgan Securities LLC ("JPMS") and its affiliates worldwide. J.P. Morgan Cazenove is a marketing name for the U.K. investment banking businesses and EMEA cash equities and equity research businesses of JPMorgan Chase & Co. and its subsidiaries.

All research reports made available to clients are simultaneously available on our client website, J.P. Morgan Markets. Not all research content is redistributed, e-mailed or made available to third-party aggregators. For all research reports available on a particular stock, please contact your sales representative.

Prudential Regulation Authority and is subject to regulation by the Financial Conduct Authority and to limited regulation by the Prudential Regulation Authority. Details about the extent of our regulation by the Prudential Regulation Authority are available from J.P. Morgan on request. J.P. Morgan Securities plc (JPMS plc) is a member of the London Stock Exchange and

Legal Entities Disclosures U.S.: JPMS is a member of NYSE, FINRA, SIPC and the NFA. JPMorgan Chase Bank, N.A. is a member of FDIC. U.K.: JPMorgan Chase N.A., London Branch, is authorised by the

is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority. Registered in England & Wales No. 2711006. Registered Office 25 Bank Street, London, E14 5JP. South Africa: J.P. Morgan Equities South Africa Proprietary Limited is a member of the Johannesburg Securities Exchange and is regulated by the Financial Services Board. Hong Kong: J.P. Morgan Securities (Asia Pacific) Limited (CE number AAJ321) is regulated by the Hong Kong Monetary Authority and the Securities and Futures Commission in Hong Kong and/or J.P. Morgan Broking (Hong Kong) Limited (CE number AAB027) is regulated by the Securities and Futures Commission in Hong Kong. Korea: J.P. Morgan Securities (Far East) Ltd, Seoul Branch, is regulated by the Korea Financial Supervisory Service. Australia: J.P. Morgan Australia Limited (JPMAL) (ABN 52 002 888 011/AFS Licence No: 238188) is regulated by ASIC and J.P. Morgan Securities Australia Limited (JPMSAL) (ABN 61 003 245 234/AFS Licence No: 238066) is regulated by ASIC and is a Market, Clearing and Settlement Participant of ASX Limited and CHI-X. Taiwan: J.P.Morgan Securities (Taiwan) Limited is a participant of the Taiwan Stock Exchange (company-type) and regulated by the Taiwan Securities and Futures Bureau. India: J.P. Morgan India Private Limited (Corporate Identity Number -U67120MH1992FTC068724), having its registered office at J.P. Morgan Tower, Off. C.S.T. Road, Kalina, Santacruz - East, Mumbai - 400098, is a member of the National Stock Exchange of India Limited (SEBI Registration Number - INB 230675231/INF 230675231/INE 230675231) and Bombay Stock Exchange Limited (SEBI Registration Number - INB 010675237/INF 010675237) and is regulated by Securities and Exchange Board of India. Telephone: 91-22-6157 3000, Facsimile: 91-22-6157 3990 and Website: www.jpmipl.com. For non local research reports, this material is not distributed in India by J.P. Morgan India Private Limited. Thailand: This material is issued and distributed in Thailand by JPMorgan Securities (Thailand) Ltd., which is a member of the Stock Exchange of Thailand and is regulated by the Ministry of Finance and the Securities and Exchange Commission and its registered address is 3rd Floor, 20 North Sathorn Road, Silom, Bangrak, Bangkok 10500. Indonesia: PT J.P. Morgan Securities Indonesia is a member of the Indonesia Stock Exchange and is regulated by the OJK a.k.a. BAPEPAM LK. Philippines: J.P. Morgan Securities Philippines Inc. is a Trading Participant of the Philippine Stock Exchange and a member of the Securities Clearing Corporation of the Philippines and the Securities Investor Protection Fund. It is regulated by the Securities and Exchange Commission. Brazil: Banco J.P. Morgan S.A. is regulated by the Comissao de Valores Mobiliarios (CVM) and by the Central Bank of Brazil. Mexico: J.P. Morgan Casa de Bolsa, S.A. de C.V., J.P. Morgan Grupo Financiero is a member of the Mexican Stock Exchange and authorized to act as a broker dealer by the National Banking and Securities Exchange Commission. Singapore: This material is issued and distributed in Singapore by or through J.P. Morgan Securities Singapore Private Limited (JPMSS) [MCI (P) 199/03/2014 and Co. Reg. No.: 199405335R] which is a member of the Singapore Exchange Securities Trading Limited and is regulated by the Monetary Authority of Singapore (MAS) and/or JPMorgan Chase Bank, N.A., Singapore branch (JPMCB Singapore) which is regulated by the MAS. This material is provided in Singapore only to accredited investors, expert investors and institutional investors, as defined in Section 4A of the Securities and Futures Act, Cap. 289. Recipients of this document are to contact JPMSS or JPMCB Singapore in respect of any matters arising from, or in connection with, the document. Japan: JPMorgan Securities Japan Co., Ltd. is regulated by the Financial Services Agency in Japan. Malaysia: This material is issued and distributed in Malaysia by JPMorgan Securities (Malaysia) Sdn Bhd (18146-X) which is a Participating Organization of Bursa Malaysia Berhad and a holder of Capital Markets Services License issued by the Securities Commission in Malaysia. Pakistan: J. P. Morgan Pakistan Broking (Pvt.) Ltd is a member of the Karachi Stock Exchange and regulated by the Securities and Exchange Commission of Pakistan. Saudi Arabia: J.P. Morgan Saudi Arabia Ltd. is authorized by the Capital Market Authority of the Kingdom of Saudi Arabia (CMA) to carry out dealing as an agent, arranging, advising and custody, with respect to securities business under licence number 35-07079 and its registered address is at 8th Floor, Al-Faisaliyah Tower, King Fahad Road, P.O. Box 51907, Riyadh 11553, Kingdom of Saudi Arabia, Dubai: JPMorgan Chase Bank, N.A., Dubai Branch is regulated by the Dubai Financial Services Authority (DFSA) and its registered address is Dubai International Financial Centre - Building 3, Level 7, PO Box 506551, Dubai, UAE.

Country and Region Specific Disclosures

U.K. and European Economic Area (EEA): Unless specified to the contrary, issued and approved for distribution in the U.K. and the EEA by JPMS plc. Investment research issued by JPMS plc has been prepared in accordance with JPMS plc's policies for managing conflicts of interest arising as a result of publication and distribution of investment research. Many European regulators require a firm to establish, implement and maintain such a policy. This report has been issued in the U.K. only to persons of a kind described in Article 19 (5), 38, 47 and 49 of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (all such persons being referred to as "relevant persons"). This document must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this document relates is only available to relevant persons and will be engaged in only with relevant persons. In other EEA countries, the report has been issued to persons regarded as professional investors (or equivalent) in their home jurisdiction. Australia: This material is issued and distributed by JPMSAL in Australia to "wholesale clients" only. This material does not take into account the specific investment objectives, financial situation or particular

needs of the recipient. The recipient of this material must not distribute it to any third party or outside Australia without the prior written consent of JPMSAL. For the purposes of this paragraph the term "wholesale client" has the meaning given in section 761G of the Corporations Act 2001. Germany: This material is distributed in Germany by J.P. Morgan Securities plc, Frankfurt Branch and J.P.Morgan Chase Bank, N.A., Frankfurt Branch which are regulated by the Bundesanstalt für Finanzdienstleistungsaufsicht. Hong Kong: The 1% ownership disclosure as of the previous month end satisfies the requirements under Paragraph 16.5(a) of the Hong Kong Code of Conduct for Persons Licensed by or Registered with the Securities and Futures Commission. (For research published within the first ten days of the month, the disclosure may be based on the month end data from two months prior.) J.P. Morgan Broking (Hong Kong) Limited is the liquidity provider/market maker for derivative warrants, callable bull bear contracts and stock options listed on the Stock Exchange of Hong Kong Limited. An updated list can be found on HKEx website: http://www.hkex.com.hk. Japan: There is a risk that a loss may occur due to a change in the price of the shares in the case of share trading, and that a loss may occur due to the exchange rate in the case of foreign share trading. In the case of share trading, JPMorgan Securities Japan Co., Ltd., will be receiving a brokerage fee and consumption tax (shouhizei) calculated by multiplying the executed price by the commission rate which was individually agreed between JPMorgan Securities Japan Co., Ltd., and the customer in advance. Financial Instruments Firms: JPMorgan Securities Japan Co., Ltd., Kanto Local Finance Bureau (kinsho) No. 82 Participating Association / Japan Securities Dealers Association, The Financial Futures Association of Japan, Type II Financial Instruments Firms Association and Japan Investment Advisers Association. Korea: This report may have been edited or contributed to from time to time by affiliates of J.P. Morgan Securities (Far East) Ltd, Seoul Branch. Singapore: JPMSS and/or its affiliates may have a holding in any of the securities discussed in this report; for securities where the holding is 1% or greater, the specific holding is disclosed in the Important Disclosures section above. Taiwan: This material is issued and distributed in Taiwan by J.P. Morgan Securities (Taiwan Limited). India: For private circulation only, not for sale. Pakistan: For private circulation only, not for sale. New Zealand: This material is issued and distributed by JPMSAL in New Zealand only to persons whose principal business is the investment of money or who, in the course of and for the purposes of their business, habitually invest money. JPMSAL does not issue or distribute this material to members of "the public" as determined in accordance with section 3 of the Securities Act 1978. The recipient of this material must not distribute it to any third party or outside New Zealand without the prior written consent of JPMSAL. Canada: The information contained herein is not, and under no circumstances is to be construed as, a prospectus, an advertisement, a public offering, an offer to sell securities described herein, or solicitation of an offer to buy securities described herein, in Canada or any province or territory thereof. Any offer or sale of the securities described herein in Canada will be made only under an exemption from the requirements to file a prospectus with the relevant Canadian securities regulators and only by a dealer properly registered under applicable securities laws or, alternatively, pursuant to an exemption from the dealer registration requirement in the relevant province or territory of Canada in which such offer or sale is made. The information contained herein is under no circumstances to be construed as investment advice in any province or territory of Canada and is not tailored to the needs of the recipient. To the extent that the information contained herein references securities of an issuer incorporated, formed or created under the laws of Canada or a province or territory of Canada, any trades in such securities must be conducted through a dealer registered in Canada. No securities commission or similar regulatory authority in Canada has reviewed or in any way passed judgment upon these materials, the information contained herein or the merits of the securities described herein, and any representation to the contrary is an offence. Dubai: This report has been issued to persons regarded as professional clients as defined under the DFSA rules. Brazil: Ombudsman J.P. Morgan: 0800-7700847 / ouvidoria.jp.morgan@jpmorgan.com.

General: Additional information is available upon request. Information has been obtained from sources believed to be reliable but JPMorgan Chase & Co. or its affiliates and/or subsidiaries (collectively J.P. Morgan) do not warrant its completeness or accuracy except with respect to any disclosures relative to JPMS and/or its affiliates and the analyst's involvement with the issuer that is the subject of the research. All pricing is as of the close of market for the securities discussed, unless otherwise stated. Opinions and estimates constitute our judgment as of the date of this material and are subject to change without notice. Past performance is not indicative of future results. This material is not intended as an offer or solicitation for the purchase or sale of any financial instrument. The opinions and recommendations herein do not take into account individual client circumstances, objectives, or needs and are not intended as recommendations of particular securities, financial instruments or strategies to particular clients. The recipient of this report must make its own independent decisions regarding any securities or financial instruments mentioned herein. JPMS distributes in the U.S. research published by non-U.S. affiliates and accepts responsibility for its contents. Periodic updates may be provided on companies/industries based on company specific developments or announcements, market conditions or any other publicly available information. Clients should contact analysts and execute transactions through a J.P. Morgan subsidiary or affiliate in their home jurisdiction unless governing law permits otherwise.

"Other Disclosures" last revised November 29, 2014.

Copyright 2015 JPMorgan Chase & Co. All rights reserved. This report or any portion hereof may not be reprinted, sold or redistributed without the written consent of J.P. Morgan.