

2

3

4

5

Industry Update: Casual	
Dining	2
Company Notes	3
Ratings History	8
Tigress Research Methodology Overview	g
Glossary of Key Terms and Measures	g
Contacts	10
Analyst Certification	10
Research Disclosures	10
Tigress Research Investment Rating Meanings and	
Distribution	10
Specific Disclosures for the companies that are the subject	
of this Report	11
Research Report Disclaimer	11
About Tigress Financial	
Partners LLC	12

Research (646) 780-8880 research@tigressfp.com

Trading (646) 780-8890 trading@tigressfp.com

#### **Tigress Financial Partners LLC**

Member of FINRA / MSRB / SIPC **500 Fifth Avenue** New York, NY 10110 (212) 430-8700

www.tigressfinancialpartners.com

#### Industry Update: Casual Dining

We believe competitive pressures and increasing input and labor costs will continue to create a difficult operating environment for casual dining restaurants. Stagnant wage growth and the recent uptick in gas prices is also putting pressure on consumer spending. Consumers are looking for better value and healthier choices Casual-dining chains are fighting to regain share lost to fast-casual rivals. Business Performance is showing signs of improving at operators leveraging technology to increase sales, improve customer service, control costs and enhance the dining experience.

#### **Research Upgrades**

#### **BJ's Restaurants, Inc. (BJRI-US)**

We are upgrading our rating on BJRI from Neutral to Buy. Management continues to execute well on both its growth and efficiency strategies and the company's above industry average traffic and consistently positive comp restaurant sales give us confidence that BJRI can drive Economic Profit growth and greater shareholder value.

#### Darden Restaurants, Inc. (DRI-US)

We are upgrading DRI from Neutral to Buy. We find DRI attractively valued given our view that the company can deliver sustainable Return on Capital (ROC) above its Cost of Capital over the long term.

#### **Research Updates**

#### **Cheesecake Factory Incorporated (CAKE-US)**

We reiterate our Buy rating on CAKE. CAKE continues to make perceptive investments in technology, delivery service expansion and selective store expansion which we believe will continue to drive top line revenue growth, and in conjunction with operating improvements will drive Economic Profit growth and greater shareholder value creation.

#### Brinker International, Inc. (EAT-US)

We reiterate our Neutral rating on EAT. Q3 disappointed for the largest casual dining and polished casual dining company. We do not see any positive or negative drivers in the NTM that will drive significant outperformance, leading us to maintain our Neutral rating.

#### **Dropping Coverage**

Red Robin Gourmet Burgers, Inc. (RRGB-US)

6



June 23, 2016 Page 2 of 12

#### Industry Update: Casual Dining

We believe competitive pressures and increasing input and labor costs will continue to create a difficult operating environment for casual dining restaurants. Stagnant wage growth and the recent uptick in gas prices is also putting pressure on consumer spending. Consumers are looking for better value and healthier choices Casual-dining chains are fighting to regain share lost to fast-casual rivals. Business Performance is showing signs of improving at operators leveraging technology to increase sales, improve customer service, control costs and enhance the dining experience.

To remain competitive, casual dining operators have to increase their capital investments in new technology, store remodeling and upgrading and increased marketing. Many chains are offsetting the costs of additional capital investments and increasing returns on capital through re-franchising. Casual dining restaurants are winning back customers by offering better ingredients greater customization and fresh preparation along with incorporating loyalty and rewards programs. Investing in tabletop tablets and systems like Ziosk for diners to manage the ordering and paying process will reduce labor involvement and increase operating efficiencies, increase margins and average check and improve the dining experience.

Tabletop tablets are increasing average checks and same-store sales by increasing table turnover. Brinker (EAT-US, Neutral Rated) and Darden (DRI-US. Buy Rated) both have reported usage rates as high as 80% as diners use entertainment features and add check-building items such as appetizers, drinks and desserts while experiencing increasing table turnover. Customerfacing applications improves order accuracy, speeds up workflow, reduce errors and associated waste and allow employees to focus more on customer service.

Restaurant chains are focusing on increasing returns in capital and greater shareholder value creation by separating poorer performing brands, international expansion, and refranchising. Refranchising has been the best way to increase capital returns growth and productivity. Selling existing restaurants and expanding by granting new stores to franchised operators offers more stable cash flow, greater return on capital and having an operating partner with capital at risk has proven to increase profitability at the store level.

 Tigress Financial Partners LLC - Member of FINRA / MSRB / SIPC

 Research: (646) 780-8880 research@tigressfp.com

 500 Fifth Avenue
 New York, NY 10110 (212) 430-8700 www.tigressfinancialpartners.com

Please refer to the last three pages of this report for important certification, disclosure and disclaimer Information. © 2016 Tigress Financial Partners LLC. No part of this report may be reproduced or redistributed in any form.

Ivan Feinseth Chief Investment Officer (646) 780-8901 Direct <u>ifeinseth@tigressfp.com</u>



June 23, 2016

Page 3 of 12

## **Research Highlights**

#### **Company Notes**

#### Ivan Feinseth Chief Investment Officer (646) 780-8901 Direct ifeinseth@tigressfp.com

**Research Action:** 

Upgrade Rating	
Rating:	Buy
Prior Rating:	Neutral
Price 06/22/2016:	\$45.39
52 Week High / Low:	\$52.37 \$38.49
Key Data: (TTM as of Mar-16)	
Excess Cash per Share:	-\$0.82
Annual Dividend:	\$0.00
Dividend Yield:	0.00%
Ave. Volume (30 Day):	0.2M
Shares Outstanding:	24.1M
Float:	22.7M
Equity MV:	\$1,095.1M
Sales TTM:	\$937.9M
Beta:	0.84
EBITDAR:	\$180.2M
NOPAT:	\$58.1M
Total Invested Capital:	\$939.1M
Return on Capital:	6.39%
Cost of Capital:	4.49%
Economic Profit:	\$15.1M
Market Value Added:	\$740.9M
Current Operations Value:	\$1,324.5M
Future Growth Value:	\$355.5M

#### BJ's Restaurants, Inc. (BJRI-US) Hotels Restaurants & Leisure

- We are upgrading our rating on BJRI from Neutral to Buy. Management continues to execute well on both its growth and efficiency strategies and the company's above industry average traffic and consistently positive comp restaurant sales give us confidence that BJRI can drive Economic Profit growth and greater shareholder value. BJRI reported positive 0.6% comp sales during Q1 surpassing a very tough 3.2% comparable and notching the seventh consecutive quarter of positive comps. Sales and traffic topped both Knapp-Track and Black Box figures indicating the brand is taking share in the highly competitive Casual Dining space.
- Economic Profit has inflected positively and Business Performance Metrics are trending higher. Economic Profit has positively inflected from -3.4M to 15.1M over the LTM. We believe BJRI's Economic Profit will increase 10.4% over the NTM to \$16.7M. We anticipate sales growth accelerating from 8.5% to 11.7%. Management has been improving efficiencies across the organization and we have seen notable improvement in the company's EBITDAR and NOPAT margins: EBITDAR margin improved from 17.6% to 19.2% over the LTM and NOPAT margin improved from 5.1% to 6.2%.
- BJRI has significant room for expansion. We have become increasingly optimistic about BJRI's expansion plans. BJRI currently operates 176 restaurants, mainly on the West Coast and throughout the Southern U.S. Relative to other comparable casual dining restaurants BJRI is significantly underpenetrated. For example, Texas Roadhouse (Not rated) and Red Robin (RRGB-US, Neutral rated) operate 480 and 535 locations respectively and larger national brands such as Outback Steakhouse and the Olive Garden operate 800 and 844 each. Based on the BJRI's continued regional success, we believe the company can easily translate this success to the Midwest and the Northeast where they are currently underpenetrated.

For more information or a copy of our complete report, please contact us at (646) 780-8880 or research@tigressfp.com

 Tigress Financial Partners LLC - Member of FINRA / MSRB / SIPC

 Research: (646) 780-8880 research@tigressfp.com

 500 Fifth Avenue
 New York, NY 10110 (212) 430-8700 www.tigressfinancialpartners.com



June 23, 2016

Page 4 of 12

## **Research Highlights**

#### **Company Notes**

#### Ivan Feinseth Chief Investment Officer (646) 780-8901 Direct <u>ifeinseth@tigressfp.com</u>

**Research Action:** 

Upgrade Rating	
Rating:	Buy
Prior Rating:	Neutral
Price 06/22/2016:	\$67.18
52 Week High / Low:	\$75.60 \$53.38
Key Data: (TTM as of Feb-16)	
Excess Cash per Share:	-\$1.06
Annual Dividend:	\$2.00
Dividend Yield:	2.98%
Ave. Volume (30 Day):	1.5M
Shares Outstanding:	126.7M
Float:	125.8M
Equity MV:	\$8,513.5M
Sales TTM:	\$7,021.6M
Beta:	0.78
EBITDAR:	\$1,130.4M
NOPAT:	\$531.3M
Total Invested Capital:	\$3,699.1M
Return on Capital:	12.05%
Cost of Capital:	4.90%
Economic Profit:	\$315.3M
Market Value Added:	\$6,307.7M
Current Operations Value:	\$10,133.7M
Future Growth Value:	-\$126.9M

#### Darden Restaurants, Inc. (DRI-US) Hotels Restaurants & Leisure

- We are upgrading DRI from Neutral to Buy. Business performance metrics are being bolstered by DRI's new value-based menu as well as their growing take-out business, both of which are helping to mitigate the competitive environment. We find DRI attractively valued given our view that the company can deliver sustainable Return on Capital (ROC) above its Cost of Capital over the long term. Strength across all of the company's concepts also gives us conviction that DRI can deliver sustainable Economic Profit growth and increasing shareholder value.
- Business Performance Metrics are trending higher. Same-Restaurant Sales increased 4.9% during DRI's Q3, topping quarterly growth going back 5 quarters. Overall sales increased 7.4% to \$7.0B over the LTM and we expect growth over the NTM to be driven in part by accelerating to go sales at DRI's Olive Garden, which have yet to cannibalized restaurant sales, and also continued comp growth at its smaller concepts. Given DRI's above industry growth, it is clear that company is consolidating market share in the Casual Dining space and we believe that as DRI invests in restaurant upgrades and expansions it will continue to gain share.
- Despite recent share price appreciation, valuation looks attractive. The market is currently underpricing DRI's ability to drive long term Economic Profit growth, as evidenced by the company's -13.7% Future Growth Value Reliance. Furthermore, at 30.1x EV/EP we believe the shares are undervalued given a 5yr average of 40x and 3yr average of 48.7x and the company's renewed prospect for growth.

For more information or a copy of our complete report, please contact us at (646) 780-8880 or research@tigressfp.com

Tigress Financial Partners LLC - Member of FINRA / MSRB / SIPCResearch: (646) 780-8880 research@tigressfp.com500 Fifth AvenueNew York, NY 10110 (212) 430-8700 www.tigressfinancialpartners.com

#### **Company Notes**

#### Ivan Feinseth Chief Investment Officer (646) 780-8901 Direct ifeinseth@tigressfp.com

**Research Action:** 

Reiterate Rating	
Rating:	Buy
Prior Rating:	Buy
Price 06/22/2016:	\$49.16
52 Week High / Low:	\$58.86 \$44.16
Key Data: (TTM as of Mar-16)	
Excess Cash per Share:	-\$1.09
Annual Dividend:	\$0.80
Dividend Yield:	1.63%
Ave. Volume (30 Day):	0.5M
Shares Outstanding:	48.5M
Float:	45.2M
Equity MV:	\$2,384.3M
Sales TTM:	\$2,136.3M
Beta:	0.73
EBITDAR:	\$419.6M
NOPAT:	\$148.8M
Total Invested Capital:	\$1,654.4M
Return on Capital:	9.28%
Cost of Capital:	4.32%
Economic Profit:	\$79.4M
Market Value Added:	\$1,713.1M
Current Operations Value:	\$3,497.6M
Future Growth Value:	-\$130.2M

### Cheesecake Factory Incorporated (CAKE-US) Hotels Restaurants & Leisure

- We reiterate our Buy rating on CAKE. CAKE has been under pressure following strong Q1 results but weaker than anticipated FY guidance for the premier brand in the casual dining space; we view this sell-off as a buying opportunity. CAKE offers strength in Business Performance and multiple industry surveys rank CAKE as the number one casual dining brand. Management continues to make perceptive investments in technology, delivery service expansion and selective store expansion which we believe will continue to drive top line revenue growth, and in conjunction with operating improvements will drive Economic Profit growth and greater shareholder value creation.
- CAKE's Business Performance remains strong and Valuation is increasingly attractive. Y/Y revenue was up 6.12% from \$2.01B to \$2.14B, and Operating Cash Flow (EBITDAR) rose 8.56% from \$386.4M to \$419.6M. NOPAT and operating margins grew Y/Y with NOPAT expanding from \$132.4M to \$148.8M. CAKE continues to outperform the Casual Dining space which has seen Y/Y declines in same store sales and overall traffic, down 2.7% according to NRN, while CAKE's results have been flat to positive. Economic Profit rose from \$58.7M to \$79.4M over the LTM and we anticipate this will rise further to \$85.5M. CAKE's valuation metrics have lowered in LTM, with all significant valuation multiples declining and the company's Future Growth Value Reliance dropping from 21.79% to 3.70%, implying the market's lack of expectation for future value creation.
- CAKE's focus on Guest-Facing initiatives are driving consistent growth. CAKE was rated the number one casual dining brand in Nation's Restaurant News Consumer Picks survey, number one casual dining brand for millennials in a Technomic survey, and was named one of Fortune's 100 Best Companies to Work For list for the third year in a row. This excellence in customer and employee satisfaction will drive outperformance in NTM – we believe employees who are more satisfied than those at the competition drive top line outperformance. We anticipate upcoming guest-facing initiatives, such as the mobile payment app, Cake Pay, which allows you to pay your bill and split it at the restaurant, and expansion of home and office delivery via third party vendors will generate operating margin improvement and excess Economic Profit as the company takes market share from competition in the home delivery space and improves table turns and quest satisfaction through its modern payment system.

For more information or a copy of our complete report, please contact us at (646) 780-8880 or research@tigressfp.com

Tigress Financial Partners LLC - Member of FINRA / MSRB / SIPCResearch: (646) 780-8880research@tigressfp.com500 Fifth AvenueNew York, NY 10110(212) 430-8700www.tigressfinancialpartners.com

Please refer to the last three pages of this report for important certification, disclosure and disclaimer Information. © 2016 Tigress Financial Partners LLC. No part of this report may be reproduced or redistributed in any form.

June 23, 2016 Page 5 of 12





June 23, 2016

Page 6 of 12

## **Research Highlights**

#### **Company Notes**

#### Ivan Feinseth Chief Investment Officer (646) 780-8901 Direct ifeinseth@tigressfp.com

**Research Action:** 

Reiterate Rating	
Rating:	Neutral
Prior Rating:	Neutral
Price 06/22/2016:	\$45.11
52 Week High / Low:	\$60.34 \$43.20
Key Data: (TTM as of Mar-16)	
Excess Cash per Share:	-\$1.55
Annual Dividend:	\$1.28
Dividend Yield:	2.84%
Ave. Volume (30 Day):	1.2M
Shares Outstanding:	55.7M
Float:	55.1M
Equity MV:	\$2,513.2M
Sales TTM:	\$3,140.0M
Beta:	0.67
EBITDAR:	\$589.5M
NOPAT:	\$231.6M
Total Invested Capital:	\$1,360.2M
Return on Capital:	17.35%
Cost of Capital:	3.89%
Economic Profit:	\$179.7M
Market Value Added:	\$2,775.8M
Current Operations Value:	\$5,979.2M
Future Growth Value:	-\$1,843.1M

#### Brinker International, Inc. (EAT-US) Hotels Restaurants & Leisure

- We reiterate our Neutral rating on EAT. Q3 disappointed for the largest casual dining and polished casual dining company. EAT features industry leading margins, a strong cash flow profile, a modern experience due to menu improvements and integration of Plenti points in Ziosk, and a long term tailwind in its polished casual dining concept, Maggiano's. However, comp headwinds, now negative for a fourth consecutive quarter, will continue to impact top line growth. We do not see any positive or negative drivers in the NTM that will drive significant outperformance, leading us to maintain our Neutral rating.
- Maggiano's is a minor tailwind. Maggiano's has been rated "America's Favorite Chain Restaurant" by Marketforce, was 2015's Consumer Choice Award from Technomic, and features a higher "Would you Recommend" score than competitors Cheesecake Factory (CAKE-US, Buy rated) and Olive Garden (DRI-US, Buy rated). We believe Maggianos will bolster comp performance for EAT in NTM, however, Maggiano's represents only 51 of EAT's approximately 1650 restaurants, and with restaurant growth anticipated at two per year, any upside is effectively limited.
- Plenti points provides synergistic benefits with Ziosk. EAT will integrate Plenti points, a rewards program featuring an amalgamation of brands including AT&T (T-US, Underperform rated) and Macy's (M-US, Buy rated), towards the end of Q1 into its Ziosk platform. Plenti's integration will further improve EAT's strong cash flow profile by offering users a place to trade points for menu items on the spot we believe the ability to utilize Ziosk to see the user's balance will drive Plenti's millions of current users to choose to spend their Plenti points at Chili's, making EAT a net redeemer. We also anticipate EAT will begin to leverage its massive database of Ziosk data to further bolster its industry leading margin profile through strategic decision making.
- Business Performance is mixed. We anticipate that positive comp trends for Q4 will assist in improving weaker than anticipated same-store sales, which saw total company-owned restaurants down (3.6%) as a result of Chili's miss of (4.1%) vs. expected (1.2%). However, EAT has seen four straight quarters of negative comps, largely driven by intense competition and declining overall traffic. EAT does feature a fifth straight year of positive Economic Profit growth, however, we believe comp headwinds will not abate in NTM and see the company continuing to perform inline within the industry.

For more information or a copy of our complete report, please contact us at (646) 780-8880 or research@tigressfp.com

 Tigress Financial Partners LLC - Member of FINRA / MSRB / SIPC

 Research: (646) 780-8880 research@tigressfp.com

 500 Fifth Avenue
 New York, NY 10110 (212) 430-8700 www.tigressfinancialpartners.com



June 23, 2016 Page 7 of 12

#### **Company Notes**

#### Red Robin Gourmet Burgers, Inc. (RRGB-US) Hotels Restaurants & Leisure

• We are dropping coverage of RRGB.

Ivan Feinseth
Director of Research
(212) 430-8730 Direct
ifeinseth@tigressfp.com

Res	ear	сh	A	cti	on:

Dropping Coverage		
Rating:	No Rating	
Prior Rating:	Neutral	
Price 06/22/2016:	\$52.17	
52 Week High / Low:	\$95.00 \$46.82	
Key Data: (TTM as of Apr-16)		
Excess Cash per Share:	-\$2.79	
Annual Dividend:	\$0.00	
Dividend Yield:	0.00%	
Ave. Volume (30 Day):	0.3M	
Shares Outstanding:	13.6M	
Float:	13.5M	
Equity MV:	\$712.0M	
Sales TTM:	\$1,264.8M	
Beta:	0.84	
EBITDAR:	\$235.9M	
NOPAT:	\$67.2M	
Total Invested Capital:	\$1,156.5M	
Return on Capital:	6.36%	
Cost of Capital:	4.12%	
Economic Profit:	\$23.7M	
Market Value Added:	\$309.1M	
Current Operations Value:	\$1,732.8M	
Future Growth Value:	-\$267.2M	

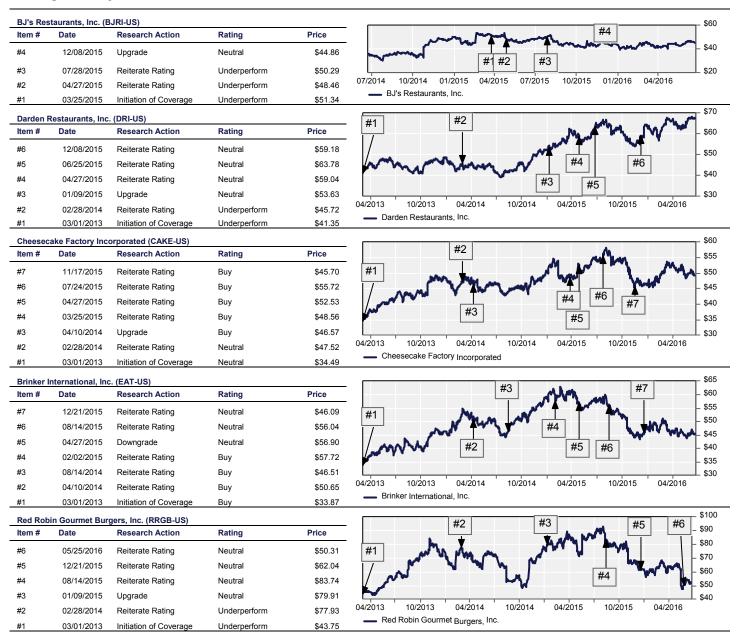
For more information or a copy of our complete report, please contact us at (646) 780-8880 or research@tigressfp.com

# Tigress Financial Partners LLC - Member of FINRA / MSRB / SIPC Research: (646) 780-8880 research@tigressfp.com 500 Fifth Avenue New York, NY 10110 (212) 430-8700 www.tigressfinancialpartners.com



June 23, 2016 Page 8 of 12

#### **Ratings History**



 Tigress Financial Partners LLC - Member of FINRA / MSRB / SIPC

 Research: (646) 780-8880 research@tigressfp.com

 500 Fifth Avenue
 New York, NY 10110 (212) 430-8700 www.tigressfinancialpartners.com



June 23, 2016 Page 9 of 12

#### **Tigress Research Methodology Overview**

We employ proprietary quantitative valuation models combined with dynamic fundamental analysis based on the principles of Economic Profit to formulate timely and insightful investment ratings, analysis, strategies and recommendations.

We make key adjustments to reported financial data eliminating GAAP-based accounting distortions and measuring all companies on a cash operating basis.

Our proprietary research framework is a multi-factor model that scores and ranks companies based on their risk-adjusted ability to create Economic Profit relative to their current market value focusing on three key components:

Business Performance: Measuring economic profitability, growth and operating efficiency.

Risk: Measuring business sustainability, volatility, strength and consistency.

Valuation: Linking business performance to market value. Measuring value created relative to capital employed and enterprise multiples of economic profit and cash flow.

We score and rank 24 key measurements of performance, risk and value into relative market and industry investment recommendations.

For more information on our research methodology, please review the Tigress Investment Research Guide to Company Valuation and Analysis.

#### **Glossary of Key Terms and Measures**

Excess Cash per Share:	Excess Cash per Share is the amount of excess cash divided by basic shares outstanding. Excess Cash consists of all cash and short-term securities less operating cash needed to run the business. Operating Cash is 5% of TTM net sales revenue.
EBITDAR:	Earnings Before Interest, Taxes, Depreciation, Amortization, and Restructuring and Rent Costs. This is especially important when comparing companies that use a significant amount of leased assets like restaurants and retailers.
NOPAT:	Net Operating Profit after Tax. Represents a company's after-tax cash operating profit excluding financing costs.
Total Invested Capital:	Total Invested Capital the total cash investment that shareholders and debt holders have made during the life of company.
Return on Capital:	Return on Capital equals NOPAT divided by Total Invested Capital. It is a key measure of operating efficiency. ROC quantifies how well a company generates cash flow relative to the capital invested in its business.
Cost of Capital:	Is the proportionately weighted cost of each category of capital - common equity, preferred equity and debt.
Economic Profit:	Economic Profit is the net operating income after tax less the opportunity cost of the total capital invested. It is the most important driver of shareholder value.
Current Operations Value:	Current Operations Value is the portion of market value based on the discounted present value of the current earnings stream assuming it remains constant forever.
Future Growth Value:	Future Growth Value is the portion of market value based on un-earned Economic Profit

For more information on the key terms and measures, please review the Tigress Investment Research Guide to Company Valuation and Analysis.

 Tigress Financial Partners LLC - Member of FINRA / MSRB / SIPC

 Research: (646) 780-8880 research@tigressfp.com

 500 Fifth Avenue
 New York, NY 10110 (212) 430-8700 www.tigressfinancialpartners.com



June 23, 2016 Page 10 of 12

#### Contacts

Ivan Feinseth Chief Investment Officer (646) 780-8901 Direct ifeinseth@tigressfp.com

George Medina Senior Managing Director, Trading (646) 780-8910 Direct gmedina@tigressfp.com Philip Van Deusen Director of Research (646) 780-8887 Direct <u>pvandeusen@tigressfp.com</u>

Pablo Quesnel Managing Director, Trading (646) 780-8886 Direct pquesnel@tigressfp.com Ernest Williams SVP, Institutional Sales & Trading (646) 780-8905 ewilliams@tigressfp.com

Giuseppe Schwarz Trading Support (646) 780-8914 Direct gschwarz@tigressfp.com

#### **Analyst Certification**

I, Ivan Feinseth, hereby certify that the views expressed herein accurately reflect my personal views about the subject company and their securities and that I have not been and will not be directly or indirectly compensated for expressing specific recommendations or views in the report.

#### **Research Disclosures**

Employees, officers, directors and shareholders of Tigress Financial Partners LLC and of any of Tigress Financial Partners LLC affiliated entities that are not directly involved with the production of any Tigress Research report (s) and / or their family members may buy / sell or hold securities for their own accounts contrary to the current recommendation expressed in any report published by Tigress Research.

Tigress Financial Partners LLC as well as affiliates of Tigress Financial Partners LLC provide or may seek to provide investment banking, consulting and / or other services to the companies and / or the officers, directors, and employees of the companies that are the subject of research reports published by Tigress Research.

Tigress Financial Partners research personnel, including the analyst(s) responsible for the production of this report receive compensation based upon the overall profitability of the entire firm including profits derived from investment banking revenues.

#### **Tigress Research Investment Rating Meanings and Distribution**

	employs a five-tier rating system for evaluating the investment opportunity and	Rating Distribution (06/22/2016)		6)		
universe. The pote	sociated with owning the common equity of rated firms within our research ential return is measured on a relative basis to the general market which is a S&P 500 and to the subject company's industry peer group as indicated.	-	Companies Under Coverage		Relationship Companies Under Coverage*	
Rating:	Meaning:		#	%	#	%
Strong Buy:	Expect significant price gains in the price of the stock relative to its industry peer group and general market over the next 12 months.		16	13%	0	0%
Buy:	Expect out-performance for the price of the stock relative to its industry peer group and general market over the next 12 months.		55	43%	4	80%
Neutral:	Expect little or no outperformance opportunity over the next 12 months.		48	38%	1	20%
Underperform:	Expect underperformance for the price of the stock relative to its industry peer group and general market over the next 12 months.		7	6%	0	0%
Sell:	Expect price decline or significant relative market and industry underperformance over the next 12 months.		0	0%	0	0%
Partners LLC or or	panies under research coverage are companies in which Tigress Financial ne of its affiliates has received compensation for investment banking or non- g services from the company, affiliated entities and / or its employees within the	Total	127	100%	5	100%

past twelve months or expects to do so within the next three months.

#### Tigress Financial Partners LLC - Member of FINRA / MSRB / SIPC Research: (646) 780-8880 research@tigressfp.com

500 Fifth Avenue New York, NY 10110 (212) 430-8700 www.tigressfinancialpartners.com



June 23, 2016 Page 11 of 12

#### Specific Disclosures for the companies that are the subject of this Report

Company:

Disclosure:

#### Key Disclosure:

- 1. The Analyst or a household member responsible for the production of this report currently holds a position in securities of the company that is the primary subject of this report in a personal, related or beneficial account.
- 2. The Analyst or a household member responsible for the production of this report beneficially owns one percent or more in securities of the company that is the primary subject of this report in a personal, related or beneficial account.
- 3. Tigress Financial Partners LLC together with its affiliates beneficially owns one percent or more of the security that is the primary subject of this report.
- 4. The Analyst or a household member responsible for the production of this report currently serves as an officer, director or advisory board member of the company that is the primary subject of this report.
- 5. An employee of Tigress Financial Partners LLC, its affiliates or subsidiaries currently serves as an officer, director or advisory board member of the company that is the primary subject of this report.
- 6. Tigress Financial Partners LLC, its affiliates or subsidiaries is acting as manager/co-manager, underwriter, selling group member, placement or sales agent in regard to an offering of securities of this subject company/entity or one of its affiliates.
- 7. Tigress Financial Partners LLC, its affiliates or subsidiaries has acted as manager/co-manager, underwriter, selling group member, placement or sales agent in regard to an offering of securities of this subject company/entity or one of its affiliates within the past 12 months.
- 8. Tigress Financial Partners LLC or an affiliated entity currently receives compensation for non-investment banking services from the company and / or employees and / or affiliated persons of the company that is the primary subject of this report.
- 9. Within the last 12 months, Tigress Financial Partners LLC, or an affiliated entity has received compensation for investment banking services from the company that is the primary subject of this report.
- 10. Within the last 12 months, Tigress Financial Partners LLC, or an affiliated entity has received compensation for non-investment banking services from the company that is the primary subject of this report.
- 11. Within the last 12 months, Tigress Financial Partners LLC, or an affiliated entity has received compensation for non-investment banking services from employees and / or affiliated persons of the company that is the primary subject of this report.
- 12. In the next 3 months, Tigress Financial Partners LLC, or an affiliated entity, expects to receive compensation for investment banking services from the company that is the primary subject of this report.
- 13. In the next 3 months, Tigress Financial Partners LLC, or an affiliated entity, expects to receive compensation for non-investment banking services from the company that is the primary subject of this report.
- 14. Accounts managed by Tigress Financial Partners LLC, and / or an employee or an affiliated entity currently hold a position in the security that is the primary subject of this report.
- 15. Tigress Financial Partners LLC and /or an affiliated entity currently has contracted the products and / or services of the company that is the primary subject of this report.

 Tigress Financial Partners LLC - Member of FINRA / MSRB / SIPC

 Research: (646) 780-8880 research@tigressfp.com

 500 Fifth Avenue
 New York, NY 10110 (212) 430-8700 www.tigressfinancialpartners.com



June 23, 2016 Page 12 of 12

#### **Research Report Disclaimer**

This report is produced for informational purposes only and is not a solicitation to buy or sell any securities or services from any companies or issuers mentioned herein or to participate in any particular trading strategy or in any jurisdiction in which such an offer or solicitation would violate applicable laws or regulations.

Tigress research is distributed in the United States by Tigress Financial Partners LLC a registered broker dealer with the Securities and Exchange Commission (SEC) and a member of the Financial Industry Regulatory Authority (FINRA) and in Brazil by Gradual Investmentos, Gradual CCTVM S/A, a financial institution authorized by the Central Bank of Brazil.

The information contained herein has been obtained or derived from sources believed to be reliable but its accuracy and completeness is not guaranteed and should not be the sole basis of any investment decision but only to be used as a factor in the investment decision process.

This report does not provide individually tailored investment advice and has been prepared without regard to the individual financial circumstances and investment objectives of any person(s) receiving it. The analysis and conclusions herein are not a complete analysis of every material fact respecting any company, industry, or security. The opinions expressed in this report reflect the judgment of the author(s) at this date and are subject to change without further notice. Tigress Financial Partners is under no obligation to provide updates to recipients of any previously issued reports or recommendations.

The market value and expected income from any investment may vary because of changes in interest rates or foreign exchange rates, securities prices or market indexes, operational or financial conditions of the underlying companies or other factors. Past performance is not indicative of future performance. Estimates of future performance, research ratings and target prices are based on assumptions that may not be realized. Unless otherwise stated, the cover page provides the most recently available closing price on the primary exchange for the subject company's securities/instruments.

Securities are offered through Tigress Financial Partners LLC a SEC Registered Broker Dealer and registered investment advisor and a member of FINRA/MSRB/SIPC which clears its securities transactions and provides custody of client accounts on a fully disclosed basis through Pershing LLC, a subsidiary of The Bank of New York Mellon.

Securities in your account are protected up to \$500,000 of which \$250,000 can be for claims for cash awaiting reinvestment. Please note that SIPC does not protect against loss due to market fluctuation. For additional information please go to www.sipc.org.

In addition to SIPC protection, Pershing provides Tigress Financial Partners LLC client accounts coverage in excess of SIPC limits from Lloyd's of London, in conjunction with other insurance companies. The excess of SIPC coverage provides an aggregate loss limit of \$1 billion for eligible securities over all client accounts and a per-client loss limit of \$1.9 million for cash awaiting reinvestment within the aggregate loss limit of \$1 billion. The excess of SIPC coverage does not protect against loss due to market fluctuation. For additional information please go to www.lloyds.com.

Pershing's excess of SIPC coverage is provided by Lloyd's of London in conjunction with XL Specialty Insurance Co., Axis Specialty Europe Ltd., Great Lakes Reinsurance (UK) PLC and Ironshore Specialty Insurance Co.

#### **About Tigress Financial Partners LLC**

Tigress Financial Partners is a specialized financial services firm providing expertise and services in investment banking, investment research, asset management, corporate advisory and trade execution services.

Tigress Financial Partners provides its services to corporate entities, institutional investors, high-net worth individual investors, public and private pensions, federal, state and municipal governments.

Tigress Financial Partners LLC is a registered broker dealer and registered investment advisor with the Securities and Exchange Commission (SEC) and a member of the Financial Industry Regulatory Authority (FINRA), the Municipal Securities Rulemaking Board (MSRB) and a member of the Securities Investor Protection Corporation (SIPC).

Tigress Financial Partners LLC is a Woman-Owned Business Enterprise (WBE) and is nationally certified by WBENC, the Women's Business Enterprise National Council.

Tigress Financial Partners LLC is a wholly-owned subsidiary of Tigress Holdings LLC and Gradual Holding Financeira S.A.

For further information please go to www.tigressfinancialpartners.com.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, scanning or otherwise without prior expressed permission in writing from Tigress Financial Partners LLC.

All trademarks, service marks and logos used in this report are trademarks or service marks or registered trademarks or service of their respective owners.

© 2016 Tigress Financial Partners LLC. All Rights reserved.

Tigress Financial Partners LLC - Member of FINRA / MSRB / SIPC Research: (646) 780-8880 research@tigressfp.com 500 Fifth Avenue New York, NY 10110 (212) 430-8700 www.tigressfinancialpartners.com