

11 November 2016

## Skipper

*Growth continues, this time led by Polymers; retaining a Hold*

Locational advantage and cost competitiveness (owing to backward integration) would ensure Skipper is a key beneficiary of capex on enhanced transformation capacity. We also like the asset-light business approach for its Polymer products, signifying management's averseness to capital intensity. Despite healthy operations, meaningful positive FCF seems unlikely in the foreseeable future as capex continues. Owing to limited positive FCF, we retain our Hold rating.

**Polymer products drive growth:** Better sweating of new capacities in the Polymer products division led to strong, ~66% yoy, growth in the division's revenue. Consequently, overall revenue was up ~15% yoy. Engineering products growth eased to ~8% on lower export revenues, but strong traction in India provides comfort. Infrastructure projects, the third division, lacks size for a material impact, but clocked an impressive ~218% yoy growth in revenues (new orders seem to have turned revenue contributing).

**Healthy margins and lower tax rate aid earnings:** Notwithstanding lower margins for the Polymer products (under-absorption of fixed costs, as new capacities yet stabilising) and Infrastructure projects (change in project mix), improved margins for Engineering products helped blended EBITDA margins expand ~122bps yoy. Healthy operations combined with a lower effective tax rate (~33.5%, ~34.7% a year ago) led to ~17% yoy growth in adj. PAT (adj. for forex gain). PAT was down ~25% on lower forex gains.

**Cash-conversion cycle shortens yoy:** The greater share of the Polymer products division seems to have shortened the cycle by 12 days yoy.

**To enhance product portfolio:** In order to further optimise its product portfolio and capitalise on its already-established distribution channel, the Board has approved adding HDPE pipes (meant for water transportation) and overhead tanks in its Polymer products portfolio.

**Valuation:** At the CMP, the stock trades at PE of 14x/~12/~10x FY17e/FY18e/FY19e EPS. We value it at a PE of 15x FY18e to arrive at a target of ₹182. **Risk.** Any significant delay in order awarding.

Quarterly results (YE Mar)	Q2 FY16	Q2 FY17	% yoy	H1 FY16	H1 FY17	% yoy
Sales (₹m)	3,499	4,013	14.7	5,866	6,857	16.9
EBITDA margin (%)	12.2	13.5	~122bps	13.3	13.8	~49bps
Interest (₹m)	114	150	31.5	262	310	18.7
Depreciation (₹m)	58	72	24.1	117	139	19.4
Other income (₹m)	26	7	-71.9	32	15	-53.1
Exceptional item (₹m)	181	15	-91.9	181	30	-83.7
Tax (₹m)	161	114	-29.1	214	179	-16.3
Reported PAT (₹m)	303	226	-25.3	403	364	-9.8
Adj. PAT (₹m)	184	217	17.5	285	344	20.8

Source: Company

Anand Rathi Share and Stock Brokers Limited (hereinafter "ARSSBL") is a full-service brokerage and equities-research firm and the views expressed therein are solely of ARSSBL and not of the companies which have been covered in the Research Report. This report is intended for the sole use of the Recipient. Disclosures and analyst certifications are present in the Appendix.

Rating: **Hold**

Target Price: ₹182

Share Price: ₹144

Key data	SKIPPER IN / SKIP.BD
52-week high / low	₹220 / ₹122
Sensex / Nifty	26819 / 8296
3-m average volume	\$0.3m
Market cap	₹14.7bn / \$221m
Shares outstanding	102m

Shareholding pattern (%)	Sep'16	Jun'16	Mar'16
Promoters	72.4	72.4	72.4
- of which, Pledged	-	-	-
Free Float	27.6	27.6	27.6
- Foreign Institutions	1.5	0.2	0.2
- Domestic Institutions	3.1	3.0	3.2
- Public	23.1	24.5	24.3

Financials (YE Mar)	FY17e	FY18e
Sales (₹ m)	17,758	20,481
Net profit (₹ m)	1,018	1,243
EPS (₹)	10.0	12.1
Growth (%)	32.3	22.1
PE (x)	14.4	11.8
PBV (x)	3.1	2.6
RoE (%)	24.0	23.9
RoCE (%)	23.4	24.0
Dividend yield (%)	1.0	1.0
Net debt / equity (x)	1.0	0.8

Source: Anand Rathi Research

**Prem Khurana**

Research Analyst

+9122 6626 6470

premkhurana@rathi.com

**Bhalchandra Shinde**

Research Analyst

+9122 6626 6615

bhalchandrashinde@rathi.com

## Quick Glance – Financials and Valuations

**Fig 1 – Income statement (₹ m)**

Year-end: Mar	FY15	FY16	FY17e	FY18e	FY19e
Net revenues	12,708	14,881	17,758	20,481	23,461
Revenue growth (%)	22.0	17.1	19.3	15.3	14.6
- Oper. expenses	10,976	12,870	15,345	17,692	20,263
<b>EBIDTA</b>	<b>1,732</b>	<b>2,011</b>	<b>2,414</b>	<b>2,788</b>	<b>3,199</b>
EBITDA margins (%)	13.6	13.5	13.6	13.6	13.6
- Interest	583	570	641	676	702
- Depreciation	220	241	256	286	328
+ Other income	17	52	42	48	73
- Tax	474	482	540	632	755
Effective tax rate (%)	50.1	38.5	34.6	33.7	33.7
+ Associates / (minorities)	-	-	-	-	-
Adjusted PAT	472	770	1,018	1,243	1,486
+ Extraordinary items	420	181	30	-	-
Reported PAT	892	951	1,048	1,243	1,486
Adj. FDEPS (₹ / sh)	4.6	7.5	10.0	12.1	14.5
Adj. FDEPS growth (%)	75.3	63.2	32.3	22.1	19.6

Source: Company, Anand Rathi Research

**Fig 2 – Balance sheet (₹ m)**

Year-end: Mar	FY15	FY16	FY17e	FY18e	FY19e
Share capital	102	102	102	102	102
Reserves & surplus	2,936	3,713	4,576	5,635	6,937
Net worth	3,039	3,815	4,679	5,737	7,039
Total debt	3,829	4,682	4,999	5,212	5,390
Minority interest	-	-	-	-	-
Def. tax liab. (net)	265	315	315	315	315
<b>Capital employed</b>	<b>7,132</b>	<b>8,812</b>	<b>9,992</b>	<b>11,264</b>	<b>12,744</b>
Net fixed assets	3,535	4,239	4,623	4,826	5,012
Intangible assets	12	12	10	8	4
Investments	-	-	-	-	-
- of which, Liquid	-	-	-	-	-
Working capital	3,024	4,062	4,943	5,761	6,694
Cash	561	498	416	669	1,034
<b>Capital deployed</b>	<b>7,132</b>	<b>8,812</b>	<b>9,992</b>	<b>11,264</b>	<b>12,744</b>
Working capital (days)	87	100	102	103	104
Book value (₹ / sh)	29.7	37.3	45.7	56.1	68.8

Source: Company, Anand Rathi Research

**Fig 3 – Cash-flow statement (₹ m)**

Year-end: Mar	FY15	FY16	FY17e	FY18e	FY19e
Adjusted PAT	892	951	1,048	1,243	1,486
+ Non-cash items	220	241	256	286	328
Cash profit	1,112	1,192	1,304	1,529	1,814
- Incr. / (decr.) in WC	-170	1,038	881	819	932
Operating cash-flow	1,281	154	423	710	882
- Capex	299	946	638	486	511
Free cash-flow	982	-792	-215	224	371
- Dividend	160	172	184	184	184
+ Equity raised	-5	-2	-0	-	-
+ Debt raised	-519	903	317	213	178
- Investments	-	-	-	-	-
- Misc. items	-	-	-	-	-
Net cash-flow	298	-63	-82	253	365
+ Op. cash & bank bal.	263	561	498	416	669
Cl. Cash & bank bal.	561	498	416	669	1,034

Source: Company, Anand Rathi Research

**Fig 4 – Ratio analysis @ ₹144**

Year-end: Mar	FY15	FY16	FY17e	FY18e	FY19e
P/E (x)	31.1	19.1	14.4	11.8	9.9
Cash P/E (x)	21.2	14.5	11.5	9.6	8.1
EV / EBITDA (x)	10.4	9.4	8.0	6.9	6.0
EV / sales (x)	1.4	1.3	1.1	0.9	0.8
P/B (x)	4.8	3.8	3.1	2.6	2.1
RoE (%)	17.6	22.5	24.0	23.9	23.3
RoCE (%)	21.7	22.8	23.4	24.0	24.5
Dividend yield (%)	0.9	1.0	1.0	1.0	1.0
Dividend payout (%)	33.9	22.4	18.1	14.8	12.4
Net debt / equity (x)	1.1	1.1	1.0	0.8	0.6
Debtor (days)	108	91	99	99	99
Inventory (days)	66	61	67	67	67
Payables (days)	69	52	61	61	61
Interest cover (x)	2.6	3.2	3.4	3.8	4.2
Fixed asset T/O (x)	3.6	3.5	3.8	4.2	4.7

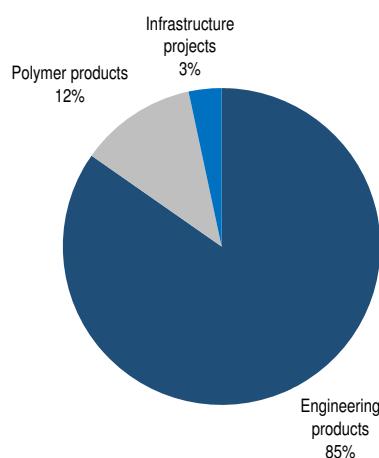
Source: Company, Anand Rathi Research

**Fig 5 – Price movement**



Source: Bloomberg

**Fig 6 – FY16 Revenue break-up**



Source: Company

## Result / Concall Highlights

- For Q2 FY17, Skipper's Engineering products division (adj. for forex gains) registered ~8% yoy revenue growth and ~156bps margin expansion. On the lower international order backlog yoy, we estimate export revenues to have dipped considerably. Lower export revenues seem to have been compensated by strong traction in domestic revenues. Over the course of the call, management said that there were some delays in off-take owing to project execution delayed by the monsoon.
- For Q2 FY17, revenue growth in the Polymer products came at an impressive ~66%, owing to better capacity utilisation at the recently-commissioned capacities. Growth also seems attributable to healthy demand for agri offerings owing to the good rains. However, the EBITDA margin for the segment contracted ~90bps as new capacities are yet stabilising (under-absorption of fixed costs).
- The Infrastructure projects division recorded an even more impressive 218% yoy revenue growth owing to the healthy pace of execution at some of the recently-bagged projects. Margins dipped ~294bps on the change in the project mix.
- Volume growth in Engineering products was ~10%, whereas for Polymer products, it was in line with value growth (~60-65%).

**Fig 7 – Segment-wise highlights**

(YE: Mar)	Q2 FY16	Q2 FY17	% yoy	Q1 FY17	% qoq	H1 FY16	H1 FY17	% yoy
<b>Segment revenue (₹ m)</b>								
Engineering products	3,196	3,450	8.0	2,358	46.3	5,147	5,808	12.8
Polymer products	264	437	65.7	378	15.5	596	815	36.7
Infrastructure projects	39	125	218.3	108	15.9	122	234	91.2
<b>Total</b>	<b>3,499</b>	<b>4,013</b>	<b>14.7</b>	<b>2,844</b>	<b>41.1</b>	<b>5,866</b>	<b>6,857</b>	<b>16.9</b>
<b>EBITDA margins (%)</b>								
Engineering products	12.2	13.8	-	14.9	-	13.4	14.2	-
Polymer products	11.7	10.8	-	11.1	-	11.5	10.9	-
Infrastructure projects	16.5	13.6	-	13.4	-	21.2	13.5	-
<b>Blended</b>	<b>12.2</b>	<b>13.5</b>	<b>-</b>	<b>14.3</b>	<b>-</b>	<b>13.3</b>	<b>13.8</b>	<b>-</b>

Source: Company

Note: Figures include other operating income but exclude forex gain on forward contracts

- Management maintained its growth guidance of ~15-20% in overall revenues and more than 50% in revenue of Polymer products. Management is comfortable with the present level of blended margins but nevertheless expects margins for the Polymer products division to move up (on better capacity utilisation).
- In Q2 FY17, blended capacity utilisation in the Polymer products division was ~50-60% for the current capacity of 41,000 tonnes. Management expects this to increase as product acceptability in the relatively newer areas improves.
- **Capex for the new units in Guwahati and new products**
  - The board-approved plans to set up a 30,000-tonne tower / distribution-poles manufacturing unit and a 7,000-tonne CPVC and UPVC fittings unit in Guwahati are going according to plan. Management hopes to commence operations by Q4 FY17.

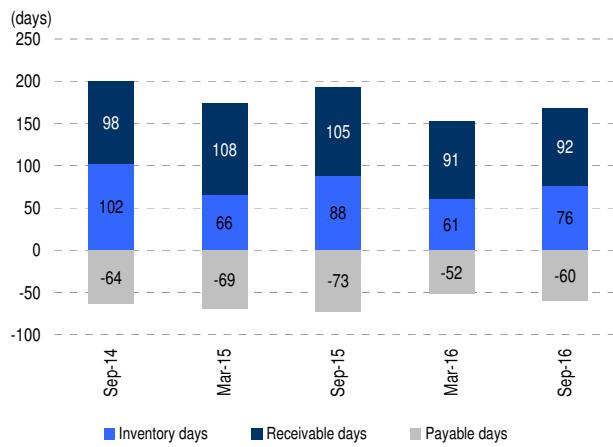
Investment for these two is pegged at ~₹0.7bn.

- In order to optimise product offering and capitalise on its distribution channel for Polymer products, the Board, during the quarter, approved adding two product lines (HDPE pipes and Overhead tanks) to the polymer products range. HDPE pipe manufacturing is to be set up at its Telangana plant, with a starting capacity of 3,000 tonnes. This would entail capex of ~₹30m. The overhead tank manufacturing plant is to be set up at its existing plant at Uluberia, Kolkata, with initial capacity of 1,200 tonnes at capex of ~₹40m.
- Management highlights that the new product lines are an extension of offerings and remains hopeful of robust demand.
- During the quarter, management completed the capacity expansion of the rolling mill at Uluberia, Kolata. Consequently, capacity is now ~250,000 tonnes. This was done to meet the envisaged increase in T&D volumes.
- At present, tower capacity is pegged at 200,000 tonnes, and is set to increase to 230,000 tonnes on completion of the Guwahati capex.
- For supply orders in the North East, the under-execution Guwahati unit is likely to offer the freight-cost advantage of ₹3,000-3,500 a tonne (vis-à-vis peers in other parts of the country). From Uluberia, Kolkata, the potential freight-cost advantage could be ~₹2,000-2,500 a tonne.
- The company could secure new orders to the tune of revenues booked. Consequently, the order backlog was largely flat at ~₹23bn. This implies ~1.8x book-to-bill ratio.
- Besides the orders secured in H1, management commented about bids under evaluation of ~₹6bn-7bn. These bids under evaluation are lower than management normally has (~₹10bn), the reason attributed to the cancellation of the tendering process for two large PGCIL projects (of ~₹300bn; Skipper had participated for orders worth ~₹10bn-12bn). Management hopes to see these two projects return for bidding sooner than later.
- Management identifies healthy growth potential in India. It sees PGCIL capex as flat over the next 4-5 years but sees an increasing share of TBCB orders and increasing state expenditure on T&D infrastructure to drive growth. In management's view, the greater size of SEB orders and the conducive payment structure render SEB orders attractive.
- Regards international orders, the tower-supply contract with LATAM TSO expired in Sep'16. TSO has not renewed the contract as it has yet to take up the quantity earlier contracted for. Skipper has pending orders of ~₹4.5bn from the TSO, likely to be executed by Q3 FY18.
- In LATAM, management is in touch with a large number of operators to maintain business continuity. However, it is unlikely to take up orders at the cost of margins. Besides, its efforts continue to enhance its international operations and it identifies south-east Asian countries and West Africa as areas offering huge potential.
- Based on TTM net sales, **the cash-conversion cycle** shortened by 12 days, to 108, yoy. The improvement is ostensibly due to the greater share of Polymer products, which entail fewer receivable days.

However, in the last six months, the cycle has lengthened by 7 days. This could largely be attributed to the seasonality of the tower business (inventory built for H2) and the slower-than-expected off-take by clients due to the prolonged monsoon (and consequent delayed project execution). The rise in inventory was partly balanced off by more creditor days.

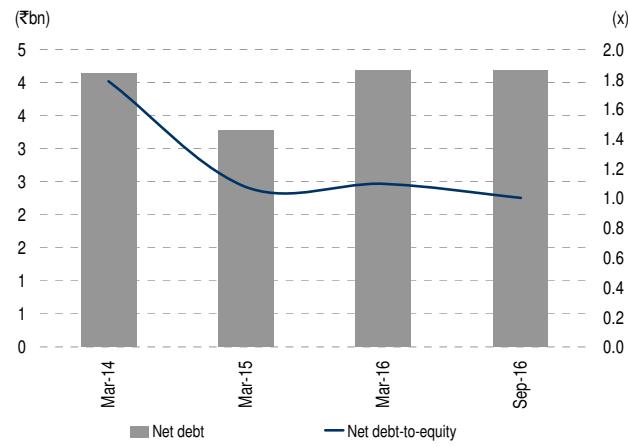
- Cash PAT for H1 FY17 (~₹0.5bn) seems to have been entirely utilised to meet capex (~₹0.3bn) and increased working-capital needs. Consequently, net debt at ~₹4.2bn is flat over H1 FY17. Net-debt-to-equity declined to ~1x, against ~1.1x as at 31<sup>st</sup> Mar'16.

**Fig 8 – Cash conversion cycle turns shorter yoy**



Source: Company, Anand Rathi Research

**Fig 9 – Debt up yoy / flat over H1**



Source: Company

## Valuation

At the CMP, the stock trades at PE of 14x/~12/~10x FY17e/FY18e/FY19e EPS. We value it at a PE of 15x FY18e to arrive at a target of ₹182. The PER multiple is at a discount to its two-year median of 17x.

**Fig 10 – PE band**



*Source: Bloomberg, Company, Anand Rathi Research*

### Risk

- Any significant delay in order awarding.

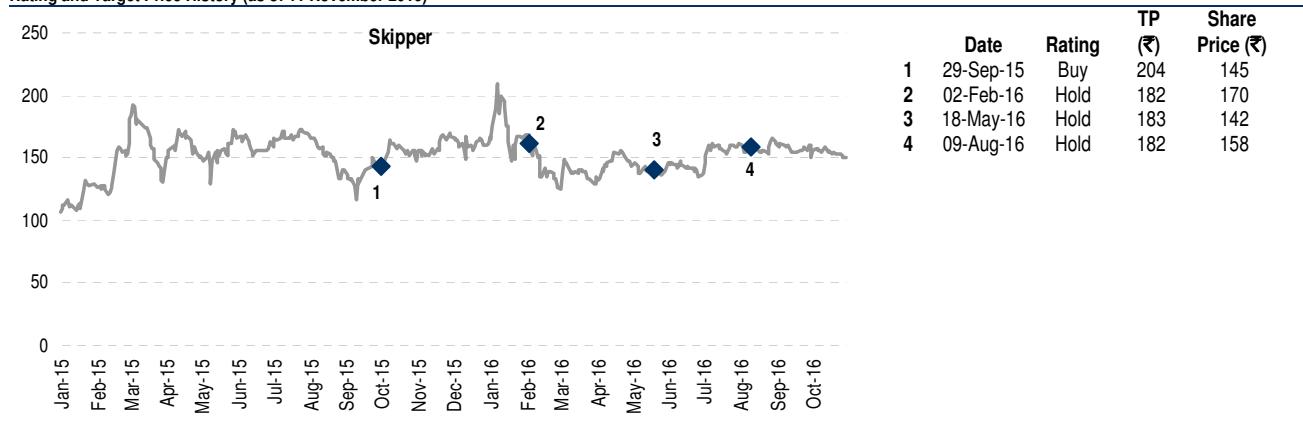
## Appendix

### Analyst Certification

The views expressed in this Research Report accurately reflect the personal views of the analyst(s) about the subject securities or issuers and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations or views expressed by the research analyst(s) in this report. The research analysts are bound by stringent internal regulations and also legal and statutory requirements of the Securities and Exchange Board of India (hereinafter "SEBI") and the analysts' compensation are completely delinked from all the other companies and/or entities of Anand Rathi, and have no bearing whatsoever on any recommendation that they have given in the Research Report.

### Important Disclosures on subject companies

#### Rating and Target Price History (as of 11 November 2016)



### Anand Rathi Ratings Definitions

Analysts' ratings and the corresponding expected returns take into account our definitions of Large Caps (>US\$1bn) and Mid/Small Caps (<US\$1bn) as described in the Ratings Table below:

#### Ratings Guide (12 months)

	Buy	Hold	Sell
Large Caps (>US\$1bn)	>15%	5-15%	<5%
Mid/Small Caps (<US\$1bn)	>25%	5-25%	<5%

### Research Disclaimer and Disclosure inter-alia as required under Securities and Exchange Board of India (Research Analysts) Regulations, 2014

Anand Rathi Share and Stock Brokers Ltd. (hereinafter refer as ARSSBL) (Research Entity) is a subsidiary of Anand Rathi Financial Services Ltd. ARSSBL is a corporate trading and clearing member of Bombay Stock Exchange Ltd, National Stock Exchange of India Ltd. (NSEIL), Multi Stock Exchange of India Ltd (MCX-SX), United Stock Exchange and also depository participant with National Securities Depository Ltd (NSDL) and Central Depository Services Ltd. ARSSBL is engaged in the business of Stock Broking, Depository Participant and Mutual Fund distributor.

The research analysts, strategists, or research associates principally responsible for the preparation of Anand Rathi research have received compensation based upon various factors, including quality of research, investor client feedback, stock picking, competitive factors and firm revenues.

**General Disclaimer:** This Research Report (hereinafter called "Report") is meant solely for use by the recipient and is not for circulation. This Report does not constitute a personal recommendation or take into account the particular investment objectives, financial situations, or needs of individual clients. The recommendations, if any, made herein are expression of views and/or opinions and should not be deemed or construed to be neither advice for the purpose of purchase or sale of any security, derivatives or any other security through ARSSBL nor any solicitation or offering of any investment/trading opportunity on behalf of the issuer(s) of the respective security (ies) referred to herein. These information / opinions / views are not meant to serve as a professional investment guide for the readers. No action is solicited based upon the information provided herein. Recipients of this Report should rely on information/data arising out of their own investigations. Readers are advised to seek independent professional advice and arrive at an informed trading/investment decision before executing any trades or making any investments. This Report has been prepared on the basis of publicly available information, internally developed data and other sources believed by ARSSBL to be reliable. ARSSBL or its directors, employees, affiliates or representatives do not assume any responsibility for, or warrant the accuracy, completeness, adequacy and reliability of such information / opinions / views. While due care has been taken to ensure that the disclosures and opinions given are fair and reasonable, none of the directors, employees, affiliates or representatives of ARSSBL shall be liable for any direct, indirect, special, incidental, consequential, punitive or exemplary damages, including lost profits arising in any way whatsoever from the information / opinions / views contained in this Report. The price and value of the investments referred to in this Report and the income from them may go down as well as up, and investors may realize losses on any investments. Past performance is not a guide for future performance. ARSSBL does not provide tax advice to its clients, and all investors are strongly advised to consult with their tax advisers regarding taxation aspects of any potential investment.

Opinions expressed are our current opinions as of the date appearing on this Research only. We do not undertake to advise you as to any change of our views expressed in this Report. Research Report may differ between ARSSBL's RAs and/ or ARSSBL's associate companies on account of differences in research methodology, personal judgment and difference in time horizons for which recommendations are made. User should keep this risk in mind and not hold ARSSBL, its employees and associates responsible for any losses, damages of any type whatsoever.

ARSSBL and its associates or employees may; (a) from time to time, have long or short positions in, and buy or sell the investments in/ security of company (ies) mentioned herein or (b) be engaged in any other transaction involving such investments/ securities of company (ies) discussed herein or act as advisor or lender / borrower to such company (ies) these and other activities of ARSSBL and its associates or employees may not be construed as potential conflict of interest with respect to any recommendation and related information and opinions. Without limiting any of the foregoing, in no event shall ARSSBL and its associates or employees or any third party involved in, or related to computing or compiling the information have any liability for any damages of any kind.

Details of Associates of ARSSBL and Brief History of Disciplinary action by regulatory authorities & its associates are available on our website i.e. [www.rathionline.com](http://www.rathionline.com)

**Disclaimers in respect of jurisdiction:** This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation or which would subject ARSSBL to any registration or licensing requirement within such jurisdiction(s). No action has been or will be taken by ARSSBL in any jurisdiction (other than India), where any action for such purpose(s) is required. Accordingly, this Report shall not be possessed, circulated and/or distributed in any such country or jurisdiction unless such action is in compliance with all applicable laws and regulations of such country or jurisdiction. ARSSBL requires such recipient to inform himself about and to observe any restrictions at his own expense, without any liability to ARSSBL. Any dispute arising out of this Report shall be subject to the exclusive jurisdiction of the Courts in India.

#### **Statements on ownership and material conflicts of interest, compensation - ARSSBL and Associates**

#### **Answers to the Best of the knowledge and belief of ARSSBL/ its Associates/ Research Analyst who is preparing this report**

ARSSBL/its Associates/ Research Analyst have actual/beneficial ownership of one per cent or more securities of the subject company, at the end of the month immediately preceding the date of publication of the research report?	No
ARSSBL/its Associates/ Research Analyst have actual/beneficial ownership of one per cent or more securities of the subject company	No
ARSSBL/its Associates/ Research Analyst/ his Relative have any other material conflict of interest at the time of publication of the research report?	No
ARSSBL/its Associates/ Research Analyst/ his Relative have received any compensation from the subject company in the past twelve months	No
ARSSBL/its Associates/ Research Analyst/ his Relative have managed or co-managed public offering of securities for the subject company in the past twelve months	No
ARSSBL/its Associates/ Research Analyst/ his Relative have received any compensation for investment banking or merchant banking or brokerage services from the subject company in the past twelve months	No
ARSSBL/its Associates/ Research Analyst/ his Relative have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past twelve months	No
ARSSBL/its Associates/ Research Analyst/ his Relative have received any compensation or other benefits from the subject company or third party in connection with the research report	No
ARSSBL/its Associates/ Research Analyst/ his Relative have served as an officer, director or employee of the subject company.	No

#### **Other Disclosures pertaining to distribution of research in the United States of America**

This report was prepared, approved, published and distributed by the Anand Rathi Share and Stock Brokers Limited (ARSSBL) located outside of the United States (a "non-US Group Company"). This report is distributed in the U.S. by Enclave Capital LLC, a U.S. registered broker dealer, on behalf of ARSSBL only to major U.S. institutional investors (as defined in Rule 15a-6 under the U.S. Securities Exchange Act of 1934 (the "Exchange Act")) pursuant to the exemption in Rule 15a-6 and any transaction effected by a U.S. customer in the securities described in this report must be effected through Enclave Capital. ARSSBL accepts responsibility for its contents. Any US customer wishing to effect transactions in any securities referred to herein or options thereon should do so only by contacting a representative of Enclave Capital LLC at 646-454-8600

Neither the report nor any analyst who prepared or approved the report is subject to U.S. legal requirements or the Financial Industry Regulatory Authority, Inc. ("FINRA") or other regulatory requirements pertaining to research reports or research analysts. No non-US Group Company is registered as a broker-dealer under the Exchange Act or is a member of the Financial Industry Regulatory Authority, Inc. or any other U.S. self-regulatory organization.

This material was produced by ARSSBL, solely for information purposes and for the use of the recipient. It is not to be reproduced under any circumstances and is not to be copied or made available to any person other than the recipient. It is distributed in the United States of America by Enclave Capital LLC (19 West 44th Street, Suite 1700, New York, NY 10036) and elsewhere in the world by ARSSBL or an authorized affiliate of ARSSBL (such entities and any other entity, directly or indirectly, controlled by ARSSBL, the "Affiliates"). This document does not constitute an offer of, or an invitation by or on behalf of ARSSBL or its Affiliates or any other company to any person, to buy or sell any security. The information contained herein has been obtained from published information and other sources, which ARSSBL or its Affiliates consider to be reliable. None of ARSSBL or its Affiliates accepts any liability or responsibility whatsoever for the accuracy or completeness of any such information. All estimates, expressions of opinion and other subjective judgments contained herein are made as of the date of this document. Emerging securities markets may be subject to risks significantly higher than more established markets. In particular, the political and economic environment, company practices and market prices and volumes may be subject to significant variations. The ability to assess such risks may also be limited due to significantly lower information quantity and quality. By accepting this document, you agree to be bound by all the foregoing provisions.

1. ARSSBL or its Affiliates may or may not have been beneficial owners of the securities mentioned in this report.
2. ARSSBL or its affiliates may have or not managed or co-managed a public offering of the securities mentioned in the report in the past 12 months.
3. ARSSBL or its affiliates may have or not received compensation for investment banking services from the issuer of these securities in the past 12 months and do not expect to receive compensation for investment banking services from the issuer of these securities within the next three months.
4. However, one or more of ARSSBL or its Affiliates may, from time to time, have a long or short position in any of the securities mentioned herein and may buy or sell those securities or options thereon, either on their own account or on behalf of their clients.
5. As of the publication of this report, ARSSBL does not make a market in the subject securities.

6. ARSSBL or its Affiliates may or may not, to the extent permitted by law, act upon or use the above material or the conclusions stated above, or the research or analysis on which they are based before the material is published to recipients and from time to time, provide investment banking, investment management or other services for or solicit to seek to obtain investment banking, or other securities business from, any entity referred to in this report.

Enclave Capital LLC is distributing this document in the United States of America. ARSSBL accepts responsibility for its contents. Any US customer wishing to effect transactions in any securities referred to herein or options thereon should do so only by contacting a representative of Enclave Capital LLC.

© 2016. This report is strictly confidential and is being furnished to you solely for your information. All material presented in this report, unless specifically indicated otherwise, is under copyright to ARSSBL. None of the material, its content, or any copy of such material or content, may be altered in any way, transmitted, copied or reproduced (in whole or in part) or redistributed in any form to any other party, without the prior express written permission of ARSSBL. All trademarks, service marks and logos used in this report are trademarks or service marks or registered trademarks or service marks of ARSSBL or its affiliates, unless specifically mentioned otherwise.

Additional information on recommended securities/instruments is available on request.

ARSSBL registered address: 4th Floor, Silver Metropolis, Jaicoch Compound, Opposite Bimbisar Nagar, Goregaon (East), Mumbai - 400 063.  
Tel No: +91 22 4001 3700 | Fax No: +91 22 4001 3770 | CIN: U67120MH1991PLC064106.