## **Freight Forward**



#### Freight Index Movement - June 2010 Change (%) Asset Class Current 3M 6M 1Yr. 5 **Dirty Tanker Index** 855 -11

Clean Tanker Index	785	11	24	69
Baltic Dry Index	2,406	-20	-20	-36
Capesize Index	2,711	-21	-30	-63
Panamax Index	2,748	-25	-23	-5
Supramax Index	2,066	-15	-7	21

32

## Freight Rates – June 2010

VLCC	1
Suezmax	Ļ
Aframax	Ļ
Capesize	Ţ
Panamax	Ļ
Supramax	Ļ
Handysize	Ļ

op Picks – .	June 2010	

Top Picks	% Upside
Garware Offshore	38
Bharati Shipyard	35
GE Shipping	29
Mercator Lines	24

## Analyst's name

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Jehangir Master jehangir.master @icicisecurities.com

# Slide continues: Likely to get much worse...

- The Baltic Dry Index (BDI) corrected by 41% to 2406 in June 2010 as against 4078 in May 2010. The fall was led by a 48% correction in the Capesize index to 2711 and 35% correction in the Panamax index to 2748. The main factor leading to the steep correction in dry bulk freight rates was the drop in iron ore shipments by China
- The Dirty Tanker Index declined by 11% to touch 855 level while Clean Tanker Index gained 15% to touch 785 level in June 2010. The Clean Tanker Index has reported significant strength over the last month, which has stemmed the decline of the last six months
- LPG freight rates for VLGC reported a 26% rise. Rates for LGC rose . by 4% while rates for MGC declined marginally in June 2010
- Utilisation levels for drill ships, semi-subs and jack-up rigs were reported at 74%, 84% and 79%, respectively, in June 2010
- New build as well as second hand asset prices for tankers gained in the previous month. Dry bulk asset prices reported a marginal movement over the same period
- New building orders for dry bulkers increased from 63 to 75 vessels while that for tankers increased from 20 to 32 vessels in June 2010
- Demolition of vessels declined from 141 vessels in the previous month to 63 vessels in June 2010. Demolitions consisted of six dry bulk carriers, followed by three crude/product tankers. Average scrap prices declined from \$352 to \$351 per LDT in June 2010

## Outlook

## **Dry bulkers**

Dry bulk freight rates are expected to slide further in July on account of a drop in iron ore shipments by China. Quarterly iron ore contracts have been negotiated at  $\sim 20\%$  higher prices while prices of finished products have softened over the same period. Steel production and credit growth in China has reported a drop. Hence, we expect Chinese manufacturers to prefer to reduce their inventory levels over the next three months resulting in a drop in shipments and decline in freight rates, which could exert pressure on BDI and drag it down possibly to ~sub 1000 level.

## Tankers

Crude oil tanker freight rates are likely to remain weak in July on account of weak demand and drop in crude oil shipments. The recovery in product carrier rates is expected to continue in July.

## LPG carriers

LPG rates, for VLGC and LGC are expected to rise while rates for MGC are likely to remain firm in July.

## **Offshore vessels**

Utilisation levels are likely to remain firm, while vessel rates are expected to move upwards in July. Despite the clampdown on offshore drilling by the US, firmness in crude oil prices is likely to attract fresh investments towards the oil and gas sector.



Tanker freight rates reported a sharp drop with rates for Suezmax and Aframax carriers declining by 42% to \$15651 and 36% to \$13084, respectively, in the last one month. The only exception was the rates for VLCC carriers, which rose by 6% to \$29,199 over the same period.

Dry bulk freight rates also reported a sharp fall in June and the benchmark index (BDI) corrected by 41% during June 2010. Capesize vessel rates corrected by 16% while rates for mid-sized Panamax vessels corrected by 21%. The correction in smaller vessels was even higher with 21% and 26% correction in Supramax and Handysize vessel freight rates, respectively.

Exhibit 1: Tankers & bulkers T/C (US\$ per day)						
Asset class	Mar ,10	Apr ,10	May ,10	June ,10		
VLCC	29491	37368	27588	29199		
Suezmax	17407	21900	26869	15651		
Aframax	13401	8863	20554	13084		
Capesize	33365	34622	44871	37854		
Panamax	31816	31330	34270	27220		
Supramax	31358	29071	32556	25743		
Handysize	20896	21421	22854	17000		

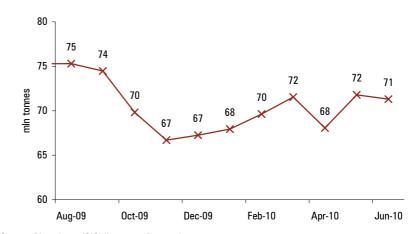
T/C- term charter

Source: Bloomberg, ICICIdirect.com Research

Exhibit 2: LPG T/C (US\$ per day)						
	May-10		Jun-10			
Asset class	Monthly	Daily	Monthly	Daily		
VLGC-TC 78,000 cbm	475,000	15,625	600,000	19,737		
LGC-TC 57,000 cbm	625,000	20,560	650,000	21,381		
MGC-TC 35,000 cbm	570,000	18,750	560,000	18,421		
MGC-TC 30,000 cbm	558,000	18,355	550,000	18,092		
MGC- TC 28,000 cbm	505,000	16,612	500,000	16,447		
MGC- TC 24,000 cbm	478,000	15,724	470,000	15,460		

Source: Bloomberg, ICICIdirect.com Research





Source: Bloomberg, ICICIdirect.com Research

Suezmax and Aframax vessel rates decreased by 42% and 36%, respectively, while the VLCC segment was the only exception reporting a 6% rise in rates

The dry bulk segment also reported a wide scale correction across segment freight rates across segments with smaller vessels taking the maximum hit

LPG freight rates for LGC rose in May 2010 while rates for mid-sized gas carriers declined marginally in May

China's iron ore inventory level dropped marginally to 71 million tonnes (MT) in June 2010 from 72 MT in May 2010

The new iron ore contracts have been negotiated at 20% higher levels while finished steel prices have softened globally

This is likely to lead to a marginal drop in steel production in China accompanied by a steep drop in iron ore inventory levels over the next couple of months

As China is the main driver of dry bulk freight rates we expect rates to be under pressure over the next month

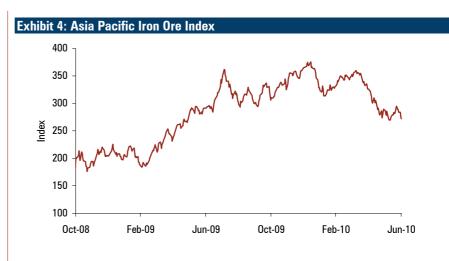


The Asia Pacific Iron Ore Index declined by 5% in June from 287 to 272 levels

China's iron ore import from Australia and South Africa increased by 12% and 2%, respectively, while imports from Brazil and India decreased by 30% and 19% in May 2010, respectively

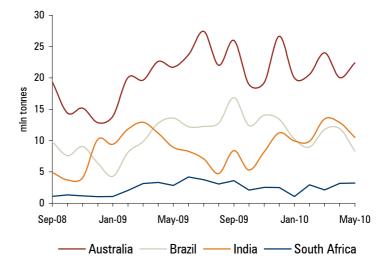
India continued to be the second largest exporter of iron ore to China with 10.5 MT of exports behind Australia (22.4 MT) and ahead of Brazil (8.3 MT) in May 2010

Steel production in China rose by 0.7 MT (1.3%) in May 2010 to 56.1 MT in May 2010



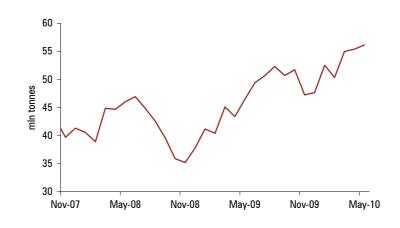
Source: Bloomberg, ICICIdirect.com Research

#### Exhibit 5: China iron ore import trend analysis



Source: Bloomberg, ICICIdirect.com Research

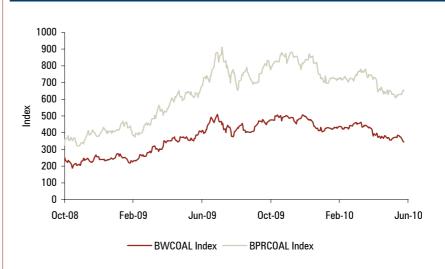






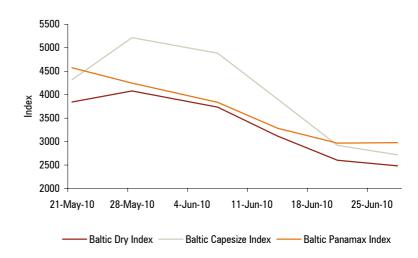


**Exhibit 7: Coal Index** 



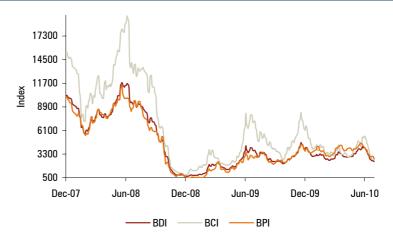
Source: Bloomberg, ICICIdirect.com Research

### Exhibit 8: Weekly dry bulk indices movement



Source: Bloomberg, ICICIdirect.com Research







The World Coal Index as well as Asia Pacific Coal Index both declined sharply by 9% each in June 2010

Capesize Index was the major loser and declined by 48% in June while Panamax Index declined by 35% resulting in a 41% drop in BDI

The BDI declined by 41% in June to 2406 level

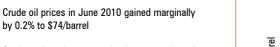
The Baltic Capesize index declined by 48% in June to 2711 levels  $% \left( {\left| {{{\rm{B}}} \right|_{\rm{B}}} \right)$ 

The Baltic Panamax index declined by 35% in June to 2748 level

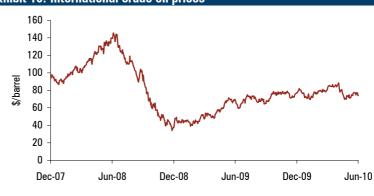
## Freight Forward



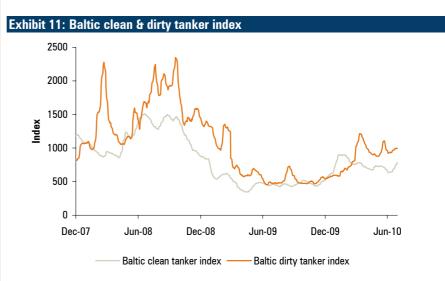
Exhibit 10: International crude oil prices



Crude oil prices remained range bound throughout June

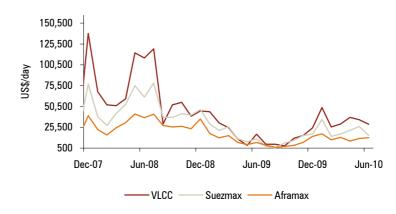


Source: Bloomberg, ICICIdirect.com Research











The BCTI rose by 15.4% to 785 level while the BDTI declined by 11.1% to 855 level in June 2010

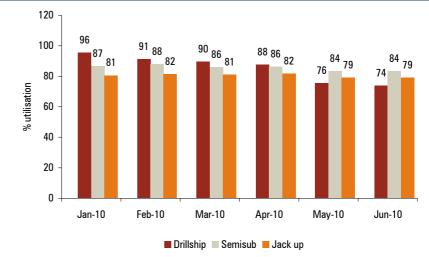
The Dirty tanker index is showing signs of weakness since the last two months in a row

The Clean tanker index has shown the first real signs of recovery in the last six months as it rose by 15.4% in June to 785 levels

Freight rates for VLCC vessels increased by 6% to \$29199/day while Suezmax rates dropped by 42% to \$15651/day and rates for Aframax tankers dropped by 36% to \$13084/day in June 2010

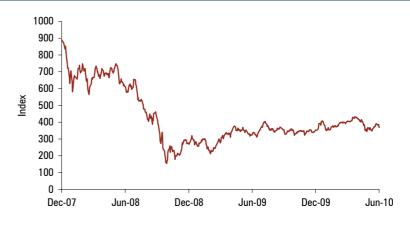


### Exhibit 13: Offshore vessel utilisation levels



Source: Bloomberg, ICICIdirect.com Research

### Exhibit 14: BPR Asia Pacific Shipbuilding Index



Source: Bloomberg, ICICIdirect.com Research

Asset Class	Class nt (USD Mn) 1 M Change (%)		nt (USD Mn)		3 M Chan	ge(%)	1Yr. Chan	ge(%)	
Tankers	DWT	NB	5Yr.	NB	5Yr.	NB	5Yr.	NB	5Yr.
VLCC/ULCC	300,000	104.0	86.0	6.1	7.5	6.1	10.3	-4.6	13.2
SUEZMAX	150,000	71.0	61.0	2.9	3.4	4.4	7.0	-7.8	1.7
AFRAMAX	105,000	57.0	44.0	11.8	4.8	14.0	10.0	7.5	4.8
PANAMX	70,000	45.0	37.0	2.3	8.8	7.1	12.1	-4.3	0.0
MR TANKERS	47,000	36.0	26.5	5.9	1.9	9.1	15.2	-8.9	-11.7
Bulk	DWT								
CAPESIZE	170,000	73.0	60.0	0.0	-1.6	2.8	3.4	12.3	20.0
PANAMAX	74,000	44.2	39.0	-0.9	0.0	4.3	11.4	8.1	18.2
SUPRAMAX	52,000	34.9	29.5	3.2	1.7	5.9	5.4	12.5	9.3

Source: Bloomberg, ICICIdirect.com Research

New build as well as second hand asset prices for tankers reported a significant appreciation across segments with VLCC, Aframax and Panamax vessels registering significant gains.

Utilisation levels for drill ships dropped to 74% while utilisation levels for semi-subs and jackup rigs remained constant at 84% and 79%, respectively, in June 2010

The BPR Asia Pacific Shipbuilding Index gained 1.1% in June 2010 to 369 levels

New build asset prices of tankers increased on an average by 2-12% while new build asset prices of bulk carriers reported a mixed trend

The second hand market was very active in June for tankers, which reported a rise of 2-9% while not much activity was observed on the dry bulk side

The main factor driving the rise in asset prices was the revival in buying interest by shipping companies having a long-term view with the intention of purchasing the asset at lower rates to benefit from the revival in freight rates over the long-term



Tanker rates are expected to gradually improve over the course of 2010 with the phasing out of single hull tankers. However, new vessel deliveries would cap upsides in freight rates

Bulk rates would remain under pressure due to new vessel additions leading to supply glut. Demand remains tentative and controlled deceleration of the Chinese economy would act as a dampener for the shipping industry, which is already reeling from excess supply of vessels

New build orders for dry bulk vessels and tankers both increased to 75 and 32 vessels, respectively, in June 2010

Sale of dry bulk vessels increased in June 2010 with 81 vessels being sold in the second-hand market. The tanker segment reported a drop in sales with 18 vessels sales in June 2010

## Exhibit 16: Global order book size

Asset Class	2010	2011	2012	2013	Total Order Book
Tankers					
VLCC/ULCC	71	88	13	0	172
SUEZMAX	44	57	9	1	111
AFRAMAX	83	49	7	3	142
PANAMAX	29	36	2	2	69
MR TANKERS	192	114	17	2	325
0-35K DWT	183	62	13	1	259
Total(a)	602	406	61	9	1078
Bulk					
CAPESIZE	328	217	103	36	684
80-100k WT	192	187	62	23	464
PANAMAX	84	65	35	9	193
SUPRAMAX	363	245	73	7	688
HANDYMAX	301	249	103	9	662
Total(b)	1268	963	376	84	2691
Total Vessel(a+b)	1870	1369	437	93	3769

Source: Bloomberg, ICICIdirect.com Research

#### Exhibit 17: New building orders

	Dry Bulk	Tankers	Containers	LPG/LNG	Others	Total
Jan-10	42	12	0	6	8	68
Feb-10	35	18	0	4	18	75
Mar-10	71	29	5	3	13	121
Apr-10	32	16	0	1	0	49
May-10	63	20	0	2	3	88
Jun-10	75	32	1	0	14	122
Total	318	127	6	16	56	523

Source: Bloomberg, ICICIdirect.com Research

#### Exhibit 18: Sale of vessels in second-hand market

	Dry	Wet	Total
Nov-09	44	23	67
Dec-09	42	11	53
Jan-10	86	57	143
Feb-10	82	33	115
Mar-10	161	37	198
Apr-10	71	37	108
May-10	72	45	117
Jun-10	81	18	99
Total	639	261	900

Source: Bloomberg, ICICIdirect.com Research



Demolition activities reported a drop with 66 vessel demolitions in June 2010. India (15 demolitions) lost its leading position and dropped to second place behind China (24 demolitions)

Demolition activities registered a sharp decline with 66 vessels being scrapped in June 2010 as against 138 vessels in the previous month

Scrap prices declined marginally from \$352 per LDT to \$351 per LDT in June 2010

Exhibit 19: Leading countries involved in demolition work

	India	China	Bangladesh	Pakistan	All Others	Total Units
Nov-09	30	27	28	7	6	98
Dec-09	32	11	5	5	2	55
Jan-10	56	11	12	4	2	85
Feb-10	35	7	10	5	10	67
Mar-10	45	29	37	17	39	167
Apr-10	57	13	18	16	44	148
May-10	57	13	8	16	44	138
Jun-10	15	24	3	4	20	66

Source: Bloomberg, ICICIdirect.com Research

#### Exhibit 20: Demolition statistics by vessel type

	Dry Bulk	Tankers	Containers	Others	Total
Jan-10	13	38	25	9	85
Feb-10	24	10	14	19	67
Mar-10	37	57	47	26	167
Apr-10	49	52	11	36	148
May-10	46	45	11	36	138
Jun-10	9	3	15	39	66

Source: Bloomberg, ICICIdirect.com Research

## Exhibit 21: Demolition by DWT & scrap prices

	DWT	LDT	Scrap rate \$/LDT
Jan-10	3936396	908085	353
Feb-10	2621157	643697	340
Mar-10	4621959	1017093	367
Apr-10	2610182	647013	337
May-10	1935613	434922	352
Jun-10	1797135	440396	351

Source: Bloomberg, ICICIdirect.com Research



## **Recent Events**

## GE Shipping

GE Shipping terminated bareboat charter and delivered its AHTS vessel "GREATSHIP ABHA" to buyers.

GE Shipping also delivered its MR Product Carrier "JAG PAVITRA" to buyers.

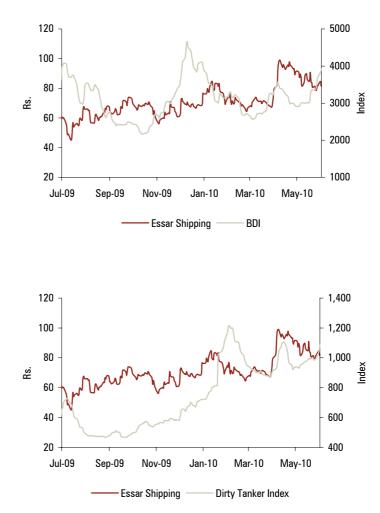
#### - SCI

SCI delivered two tankers "M T LANCE NAIK" and "MAJOR SHAITAN SINGH" to the buyers.

The company also intends to pass by way of postal ballot a resolution to increase the authorised share capital of the company from Rs 450 crore to Rs1000 crore.

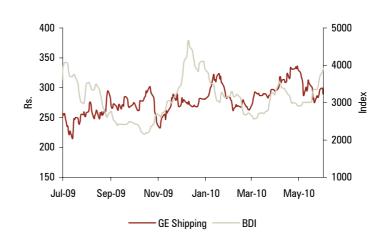


## Exhibit 22: Essar Shipping price movement



Source: Bloomberg, ICICIdirect.com Research

#### Exhibit 23: GE Shipping price movement

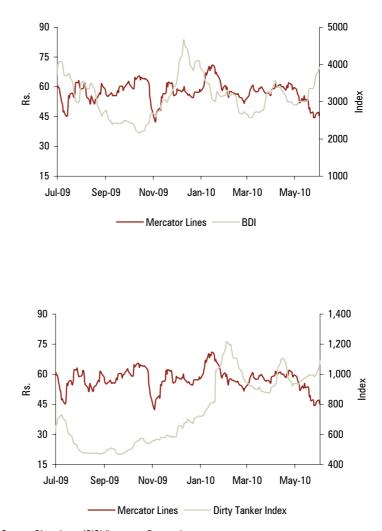






Source: Bloomberg, ICICIdirect.com Research

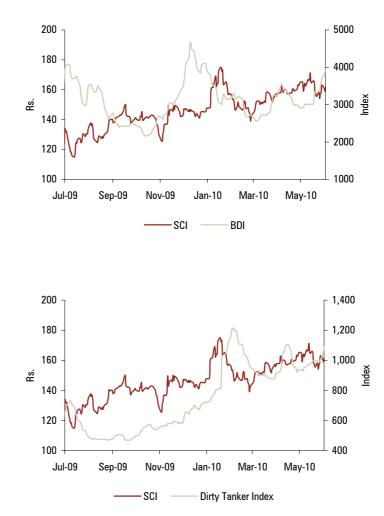
## Exhibit 24: Mercator Lines price movement



Source: Bloomberg, ICICIdirect.com Research



### Exhibit 25: SCI price movement





### Exhibit 26: Varun Shipping price movement

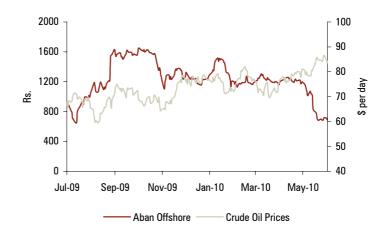






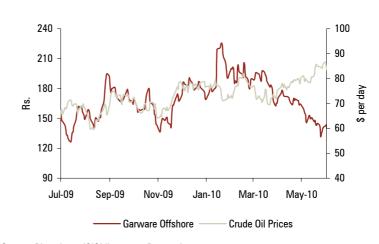
Source: Bloomberg, ICICIdirect.com Research

## Exhibit 27: Aban Offshore price movement



Source: Bloomberg, ICICIdirect.com Research

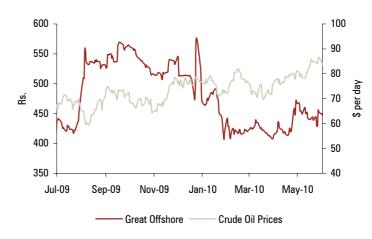
## Exhibit 28: Garware Offshore price movement



Source: Bloomberg, ICICIdirect.com Research

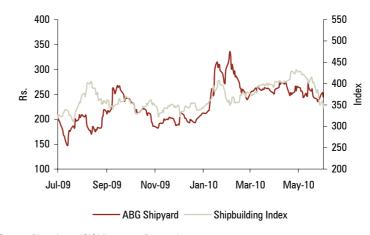


### Exhibit 29: Great Offshore price movement



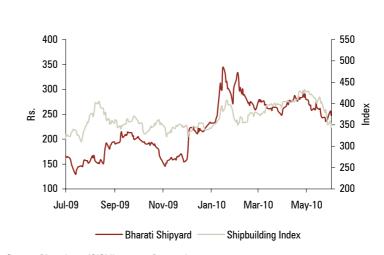
Source: Bloomberg, ICICIdirect.com Research

#### Exhibit 30: ABG Shipyard price movement



Source: Bloomberg, ICICIdirect.com Research

#### Exhibit 31: Bharati Shipyard price movement







## **Global Valuations**

			P/BV (x)			P/E (x)		EV/	EBITDA ()	<)		ROE (%)	
Company	Country	CY09	CY10E	CY11E	CY09	CY10E	CY11E	CY09	CY10E	CY11E	CY09	CY10E	CY11E
Dry Bulk/Tankers										Í			
Teekay Corp.*	USA	0.9	0.9	0.9	-	29.6	17.6	11.9	9.0	8.6	-	4.6	6.2
Diana Shipping*	USA	1.0	0.9	0.9	8.0	7.7	8.0	6.1	5.7	5.7	13.5	11.5	10.2
Genco Shipping*	USA	0.6	0.5	0.4	3.5	3.7	6.2	5.5	5.2	5.9	18.0	13.1	7.0
DryShips*	USA	0.4	0.4	0.4	3.9	5.0	3.6	7.1	6.3	4.8	7.2	6.2	9.9
Frontline Ltd*	Norway	3.2	2.8	2.6	21.3	9.5	9.4	10.1	7.8	7.7	14.9	29.5	24.2
ESPLL#	India	0.6	0.6	0.6	139.2	87.4	21.4	12.4	11.8	9.0	0.5	0.9	3.2
GE Shipping#	India	0.8	0.7	0.7	8.8	7.8	5.4	8.7	6.8	4.8	9.1	9.5	12.4
Mercator Lines#	India	0.5	0.5	0.4	20.8	35.6	9.2	4.9	4.7	3.3	2.3	1.3	4.9
SCI#	India	1.0	1.0	0.9	18.5	17.1	20.0	15.7	14.5	11.2	5.3	5.6	4.7
LPG/LNG													
BW Gas*	Norway	-	-	-	-	6.7	-	-	-	-	-	-	-
Exmar*	Belgium	0.7	0.9	0.9	-	-	23.1	14.4	12.3	9.9	1.6	0.7	11.7
Mitsui OSK Lines*#	Japan	1.1	1.0	0.9	71.3	11.2	9.7	14.2	7.2	6.4	1.7	9.2	9.2
Varun Shipping#	India	0.8	0.9	0.9	53.7	-	-	13.0	10.8	8.5	1.5	-	-
Offshore													
Transocean*	USA	0.8	0.7	0.7	4.4	6.5	5.9	4.1	5.1	4.9	18.7	12.2	12.0
Hercules Offshore*	USA	0.3	0.3	0.4	-	-	-	6.7	7.0	6.3	-	-	-
ENSCO*	USA	1.0	0.9	0.9	7.5	10.6	9.4	4.2	5.5	4.8	14.9	9.5	10.4
Diamond Offshore*	USA	2.4	2.3	2.1	6.3	8.4	8.5	4.2	4.8	4.8	39.8	29.5	28.9
Aban Offshore#	India	1.6	1.5	1.1	11.2	13.9	3.9	8.2	6.8	6.1	14.3	10.5	27.6
Garware Offshore#	India	1.2	1.1	1.0	7.8	13.9	7.8	7.5	10.4	8.1	15.4	8.1	12.9
Great Offshore#	India	1.6	1.5	1.3	7.1	14.8	6.0	7.7	8.1	4.9	23.0	10.3	20.8
Shipbuilding													
Hyundai Heavy Industries*	South Korea	2.4	1.5	1.3	9.2	6.6	7.5	7.1	5.6	6.1	29.9	25.7	18.4
Samsung Heavy Industries*	South Korea	1.9	1.6	1.4	7.8	7.1	7.5	6.4	6.2	6.4	27.2	24.7	19.4
Daewoo Shipbuilding*	South Korea	1.4	1.0	0.9	5.5	5.7	6.5	5.7	5.2	5.6	27.8	18.8	14.9
Keppel Corp. Ltd*	Singapore	2.3	2.0	1.8	10.8	12.2	12.7	9.5	10.0	10.3	27.9	17.3	15.5
Sembcorp Marine*	Singapore	4.9	3.7	3.3	15.4	13.3	15.4	8.7	7.4	8.6	35.5	30.3	23.1
ABG Shipyard#	India	1.2	1.0	0.8	5.9	5.7	5.3	7.2	6.0	5.4	19.6	17.2	15.7
Bharati Shipyard#	India	0.8	0.8	0.7	5.2	4.5	3.3	8.1	7.3	7.1	16.0	10.1	8.4

\*consensus

Source: Bloomberg, ICICIdirect.com Research



## ICICIdirect.com coverage universe

ESPLL			Sales (Rs. Crore)	EPS (Rs.)	PE (x)	EV/EBITDA (x)	RoNW (%)	RoCE (%)
Idirect Code	ESSSHI CMP (Rs.)	85 <b>FY10E</b>	3000.5	1.5	52.6	12.4	1.2	3.7
	Target (Rs.)	93 FY11E	3416.7	2.9	89.5	11.8	0.9	3.7
МСар	5234.3 % Upside	9 FY12E	4511.0	6.7	20.9	9.0	3.3	5.2
G.E Shipping			Sales (Rs. Crore)	EPS (Rs.)	PE (x)	EV/EBITDA (x)	RoNW (%)	RoCE (%)
Idirect Code	GESHIP CMP (Rs.)	300 FY10E	2856.5	33.7	8.9	8.7	9.1	4.7
	Target (Rs.)	387 FY11E	3184.0	34.0	8.8	7.2	8.7	5.7
МСар	4560.0 % <b>Upside</b>	29 <b>FY12E</b>	3747.0	46.8	6.4	5.3	10.9	7.5
Mercator Lines	•		Sales (Rs. Crore)	EPS (Rs.)	PE (x)	EV/EBITDA (x)	RoNW (%)	RoCE (%)
Idirect Code	MERLIN CMP (Rs.)	49 <b>FY10E</b>	1808.7	2.2	22.2	4.9	2.3	5.2
	Target (Rs.)	61 <b>FY11E</b>	1826.2	1.3	37.9	4.7	1.3	4.6
МСар	1156.4 % <b>Upside</b>	24 FY12E	2103.8	5.0	9.8	3.3	4.9	6.4
SCI	· •		Sales (Rs. Crore)	EPS (Rs.)	PE (x)	EV/EBITDA (x)	RoNW (%)	RoCE (%)
Idirect Code	SCI CMP (Rs.)	161 <b>FY10E</b>	3485.6	7.9	20.4	15.7	5.3	5.9
	Target (Rs.)	159 <b>FY11E</b>	3590.9	8.5	18.9	14.5	5.6	6.0
МСар	6818.4 % <b>Upside</b>	-1 FY12E	3738.8	7.3	22.1	11.2	4.7	5.4
Varun Shipping	· •		Sales (Rs. Crore)	EPS (Rs.)	PE (x)	EV/EBITDA (x)	RoNW (%)	RoCE (%)
Idirect Code	VARSHI CMP (Rs.)	43 FY10E	666.2	0.8	52.5	12.9	1.5	0.1
	Target (Rs.)	36 FY11E	667.7	-	-	11.0	-	1.0
МСар	645.0 % <b>Upside</b>	-16 FY12E	734.7	-	-	8.2	-	3.5
Aban Offshore			Sales (Rs. Crore)	EPS (Rs.)	PE (x)	EV/EBITDA (x)	RoNW (%)	RoCE (%)
Idirect Code	ABALLO CMP (Rs.)	880 <b>FY10E</b>	3358.7	71.5	12.3	8.2	14.3	10.0
	Target (Rs.)	884 FY11E	3566.7	57.6	15.3	6.8	10.5	12.3
МСар	3326.4 % <b>Upside</b>	0 FY12E	3708.0	204.4	4.3	6.1	27.6	12.3
Garware Offshore	3320.4 /0 <b>Opside</b>	01112L				EV/EBITDA (x)		
Idirect Code		132 <b>FY10E</b>	Sales (Rs. Crore) 163.2	EPS (Rs.) 17.8	PE (x)	<b>EV/EBITDA (X)</b> 9.1	RoNW (%) 15.4	RoCE (%)
lairect Loae	GARSHI CMP (Rs.)							7.9
Moss	Target (Rs.)	182 FY11E	232.3	17.4	7.6	7.8	16.2	9.3
MCap Great Offshore	314.2 % <b>Upside</b>	38 <b>FY12E</b>	234.7 Sales (Rs. Crore)	21.1	6.3 PE (x)	7.4	14.4 RoNW (%)	9.2 <b>RoCE (%)</b>
Idirect Code		407 EV40E	· /	EPS (Rs.)		EV/EBITDA (x)	19.4	
Idirect Code	GREOFF CMP (Rs.)	437 FY10E	1172.7	54.6	8.0	7.5		12.2
M0	Target (Rs.)	468 FY11E 7 FY12E	1198.9 1515.9	39.7 69.3	11.0 6.3	5.7	17.8 20.0	11.1 15.1
MCap ABG Shipyard	1621.3 % <b>Upside</b>	/ FTIZE				4.4		
		250 <b>EV40E</b>	Sales (Rs. Crore)	EPS (Rs.)	PE (x)	EV/EBITDA (x)	RoNW (%)	RoCE (%)
Idirect Code	BHASHI CMP (Rs.)	259 FY10E	1812.4	42.8	6.0	7.2	19.6	13.3
	Target (Rs.)	239 FY11E	2307.8	41.7	6.2	6.7	16.3	13.8
MCap Dhausti Chinasud	714.8 % <b>Upside</b>	-8 <b>FY12E</b>	2452.0	43.0	6.0	6.0	14.6	13.7
Bharati Shipyard			Sales (Rs. Crore)	EPS (Rs.)	PE (x)	EV/EBITDA (x)	RoNW (%)	RoCE (%)
Idirect Code	BHASHI CMP (Rs.)	242 FY10E	1349.0	47.4	5.5	8.3	16.0	10.3
	Target (Rs.)	327 FY11E	1334.1	55.6	4.7	7.6	10.1	10.1
МСар	667.9 % <b>Upside</b>	35 <b>FY12E</b>	1287.2	74.5	3.5	7.4	8.4	9.7

Source: ICICIdirect.com Research

## **Freight Forward**



## Glossary Tankers VLCC Very large crude carrier tanker of 200,000+ DWT Suezmax A vessel of 120,000 to 200,000 DWT, whose dimension enables her to pass though the Suez Canal Aframax A tanker measuring between 80,000 and 120,000 in DWT terms primarily used for the carriage of crude oil **Small Tankers** A vessel of 10,000-60,000 DWT **Bulkers** Capesize Dry bulk carrier of 80,000-200,000 DWT A vessel of 60,000 to 100,000 DWT, whose dimension enables her to pass through the Panama Panamax Canal Handymax Bulk carrier vessel of 40,000-60,000 DWT Handysize Bulk carrier vessel of 10,000-40,000 DWT Offshore AHTSV Anchor handling tag supply vessel, a vessel specially designed to handle offshore oil & gas platforms and rigs. **PSV** Platform supply vessel, a vessel specially designed for proving support services to offshore oil & gas platforms and drilling rigs. **Drill ship** A maritime vessel that has been fitted with drilling apparatus and is able to drill in water depths of over 2000 meters.

Jack up rig Mobile offshore oil and gas drilling platform that is able to stand still on the sea floor, resting on a number of sporting legs. Jack up rigs can only be placed in shallow water (Up to1000 feet).

## LPG

VLGC	Very large gas carrier of 70,000+ CBM
MGC	Medium gas carrier with a capacity of 20,000-50,000 CBM
LGC	Large gas carrier of 50,000-70,000 CBM

## Miscellaneous

DWT	Dead Weight Tonne
LDT	Light Displacement Tonne



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