



ABG Shipyard Limited

Corporate Presentation

September 2016

Strictly confidential

Disclaimer

Certain statements in these slides are forward-looking statements. These statements are based on management's current expectations and are subject to uncertainty and changes in circumstances. Actual results may differ materially from those included in these statements due to a variety of factors

All financial and other information in these slides, other than financial and other information for specific subsidiaries where specifically mentioned, is on an unconsolidated basis for ABG Shipyard Ltd. Please also refer to the statement of financial results required by Indian regulations that has been filed with the stock exchanges in India

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Overview of ABG Shipyard

Company overview

- Incorporated in 1985, ABG Shipyard is the flagship company of ABG group with interests in shipping and cement sectors
- Manufactures ships and rigs across two state of the art facilities in Gujarat, India
 - **Surat:** Up to 20,000 DWT and 155m long
 - **Dahej:** Up to 120,000 DWT and 250m long
- In-house design capability to undertake basic and detailed design of ships
- One of only three large private sector shipyards in India licensed by the Indian Navy to build various types of naval vessels

Certifications



Department of Industrial Policy & Promotion
Government of India
Ministry of Commerce & Industry

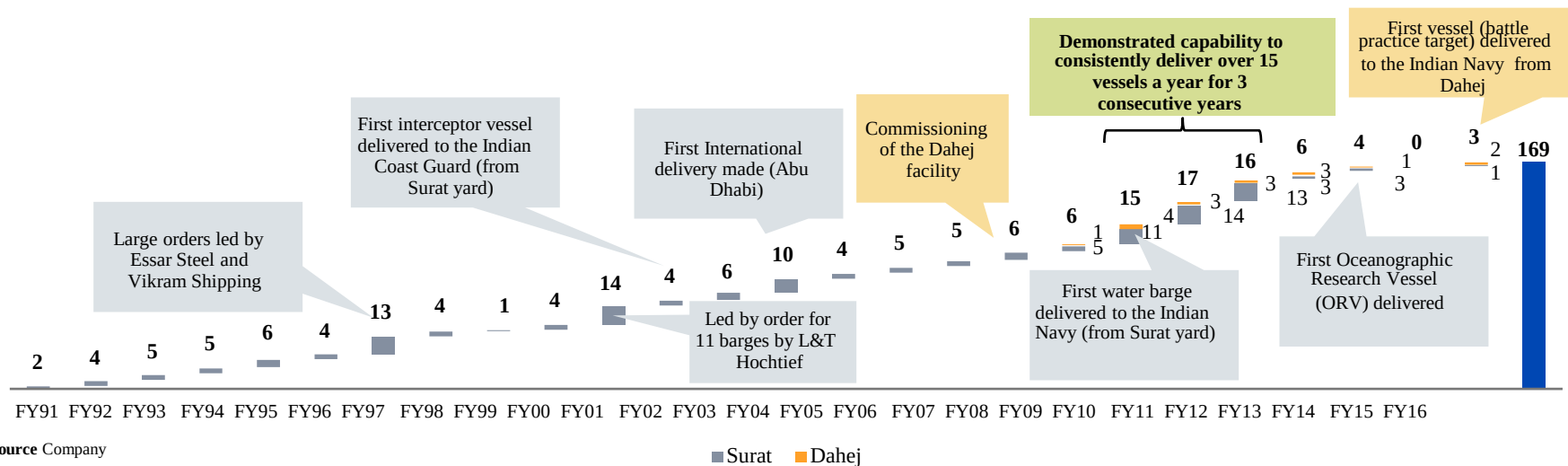
DIPP defence license (May, 2011)

Category-wise vessels built since inception

Vessel Category	Surat	Dahej	Total
Offshore	47	10	57
Tug	15	0	15
Barge	27	2	29
Defence	21	2	23
Bulker	32	3	35
Specialised & others	10	0	10
Total	152	17	169

Source Company

Vessels delivered since inception



Investment highlights

Only available asset to participate in the Indian Naval and shipbuilding opportunity

Highlights of ABG Shipyard

1	2	3	4	5
Large private shipbuilder	Defence manufacturing license	Enviably proven track record	Strong operational capabilities	Successfully servicing the offshore industry
■ Amongst India's largest private sector shipbuilders ■ Over 25 years of experience ■ Capability to build a wide variety of vessel types	■ One of the three private shipyards in India approved by the Indian Navy to build various types of naval vessels ■ 23 vessels built for Indian Defence sector	■ Track record of having built 169 vessels to date – Highest number of deliveries among private sector shipyards in India ■ Highly reputed in India as well as internationally	■ Dahej has one of the largest ship-lift facilities in the world ■ Surat has the capability to simultaneously build modular blocks for 35-40 vessels	■ Delivered 57 offshore vessels till date ■ Capable of building 4 jack-up rigs simultaneously, at Dahej

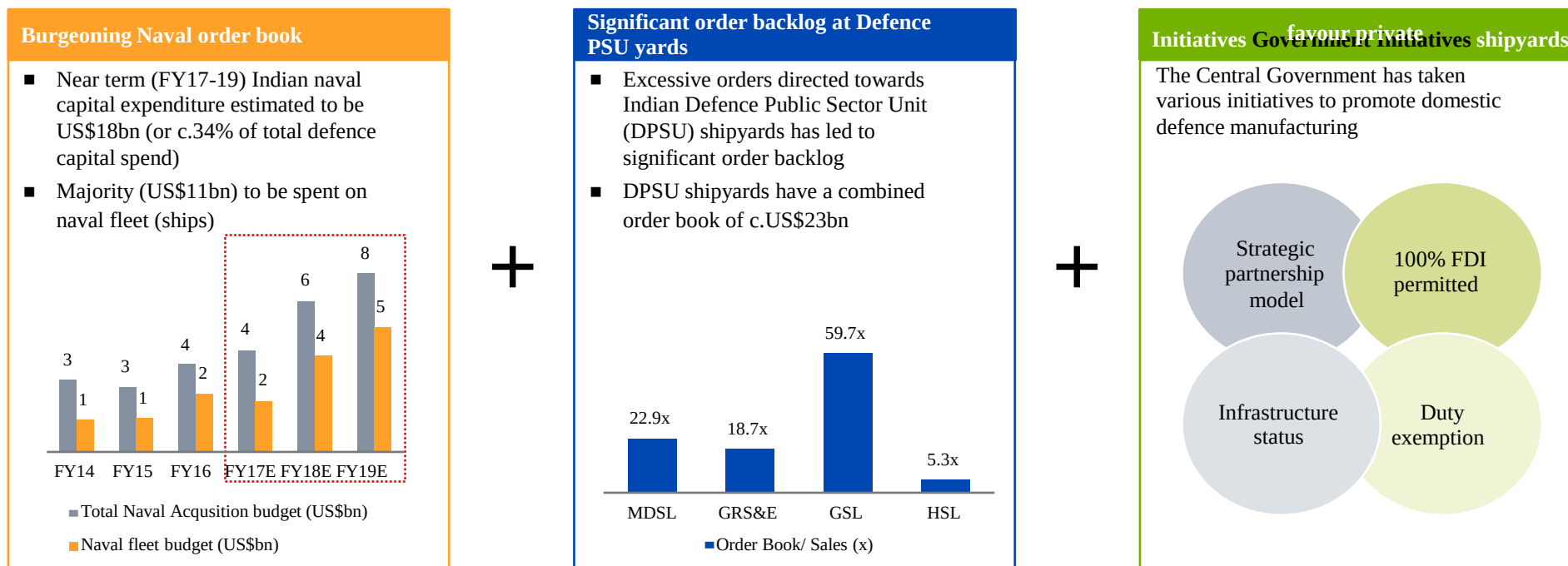
The opportunity

Domestic demand drivers		Global demand drivers	"Make in India"
Significant Indian Naval order book and favorable foreign investment policy	Development of coastal shipping industry as well as inland waterways	Anticipated revival of global demand for ships	Strong push from the government to develop domestic manufacturing
■ Near term (FY17-19) Indian Naval capital expenditure estimated to be US\$18bn ■ Up to 100% foreign ownership permitted in Indian manufacturing companies engaged in the defence sector	■ "Sagarmala" project to develop coastal shipping is expected to generate orders of c. US\$7.5bn for Indian shipyards ■ Government to invest c.US\$373bn to develop the inland waterway network to promote ship transport in rivers	■ Continued importance of maritime trade to drive demand for bulk carriers – Volume of global seaborne trade to double to 19-24bn tonnes by 2030 ■ Increase in demand for oil & gas expected to provide an impetus to the offshore industry ■ Ongoing requirement for ship repair	■ Domestic shipyards have a right of first refusal (RoFR) on government orders till 2025 ■ Infrastructure status granted to shipyards to enable favourable financing terms and tax benefits ■ US\$600m financial assistance policy implemented over a 10 year period ■ Strong emphasis on indigenization of naval vessels by the Ministry of Defence



1. Sector highlights

1.1 Indian Naval opportunity



Order backlog at Public sector shipyards combined with supportive Government initiatives offers a rare opportunity for very selected, qualified Indian private shipyards to execute orders for the Indian Navy

Source Broker notes

Notes

1 Exchange rate 1 US\$ - 65 INR

2 Mazagon Dock Shipbuilders Limited (MDSL), Garden Reach Shipbuilders & Engineers (GRS&E), Goa Shipyard Limited (GSL), Hindustan Shipyard Limited (HSL)

1.2 Naval order pipeline

Indian naval order pipeline of over US\$30bn to be executed over the medium term – yet to be awarded

Submarines



- 6 diesel electric submarines
- 6 nuclear submarines

Total Order Value
US\$20.1bn

Landing Platform Dock



- 4 landing platform docks

Total Order Value
US\$4.2bn

MCMV



- 8 mine counter measure vessels

Total Order Value
US\$5.0bn

Anti-submarine warfare



- 16 shallow-water anti-submarine warfare vessels

Total Order Value
US\$2.5bn

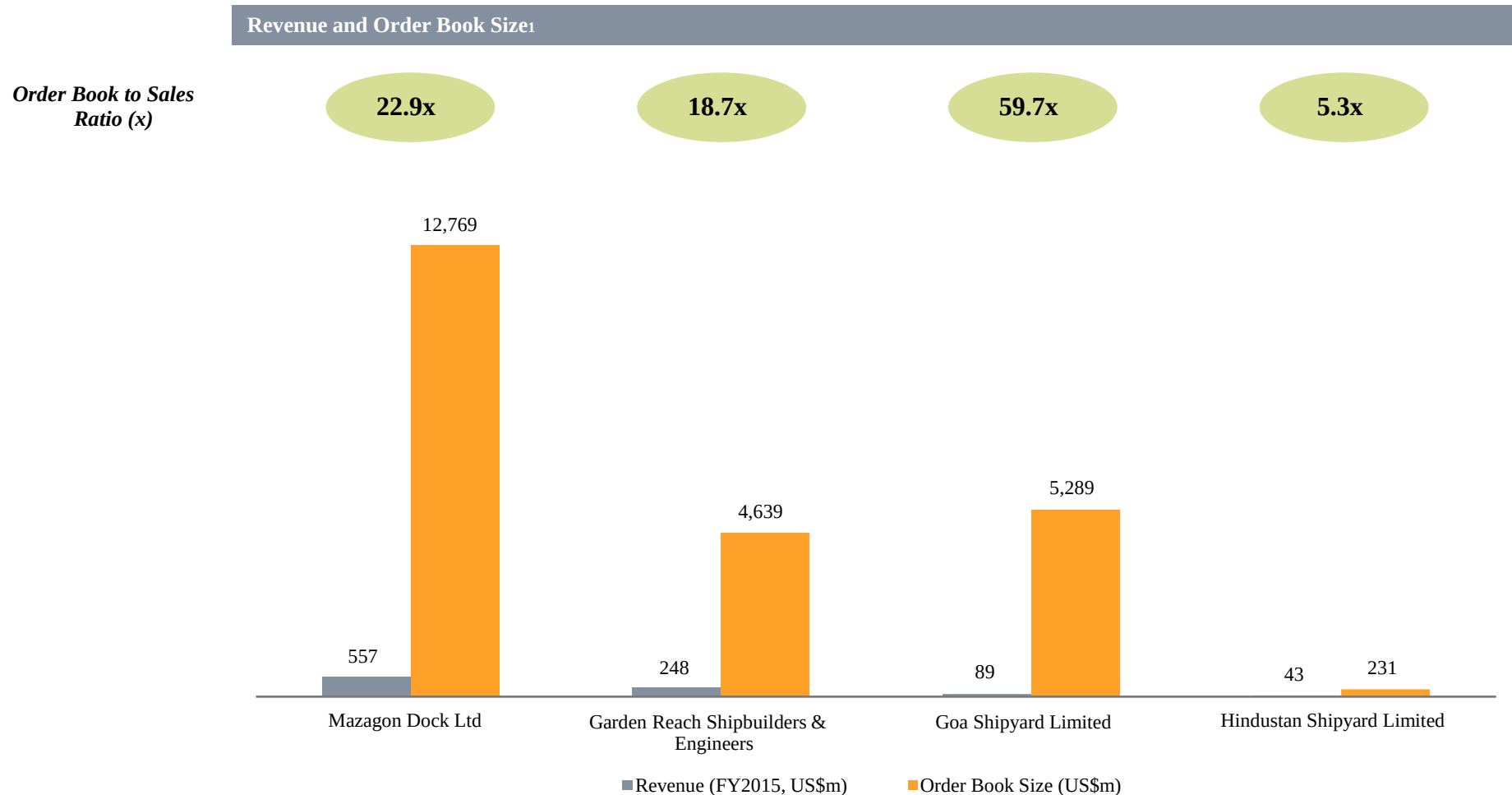
Source Broker notes and press articles

Note

1 Exchange rate 1 US\$ - 65 INR

1.3 Defence Public Sector Units

Public shipyards catering to the Defence sector operating behind schedule with escalating order book to sales ratio



Source Company annual reports, News articles

Note

¹ Exchange rate 1 US\$ - 65 INR; order book size is based on latest available data from company filings and press articles

1.4 Commercial shipbuilding sector

The Government of India by 2020, plans to increase India's market share to 10% of the global shipbuilding industry from 5% currently

Global drivers

Continued importance of maritime trade

- Volume of global seaborne trade to double from 9bn tonnes in 2010 to 19-24bn tonnes by 2030 driven by 3x growth in world GDP
- 95% of India's foreign trade in terms of volume and 70% in terms of value takes place via maritime trade
- Cargo handled at Indian ports grew at 8% in FY15 as compared to 4% in FY14
 - Petroleum, oil and lubricants (POL) and coal contribute 60% of the total cargo handled at the major Indian ports

Increasing demand for oil & gas

- Oil and natural gas is expected to account for 60% of global demand for energy in 2030; China oil consumption could triple, overtaking USA to become the largest oil consumer
- Crude import to India expected to increase to 90MMTPA by FY25
 - Indian oil companies will require c.57m DWT to meet 2025 import projections – **implies an increase of 1.8x of the current fleet capacity by 2025**
- Indian natural gas demand is expected to more than double from 243mm3 / day in FY13 to 517mm3 / day by 2022 – **expected to**

lead to demand for offshore support vessels

Domestic drivers

Impending boost to coastal shipping

- The "Sagarmala" project is an amalgamation of 150 projects categorized into port modernization, connectivity, port-led industrialization and coastal community development – planned investment of c. US\$180bn by the Government
- 53 projects under the port modernization drive is expected to increase port handling capacity by 1,000 tonnes per annum
- Expected to bring orders of c. US\$7.5bn to Indian shipyards
- Project expected to be completed in 5 years

Development of the inland waterway

- Transport via inland waterways network accounts for just c.6% of the overall transport in India in comparison to over 40% in China, Korea and select European countries
- Government to invest c. US\$373bn to develop the inland waterway network and promote ship transport in rivers by strengthening inland waterways, ports and rail-road links
- Total navigable network of 14,500km
- Projects of c. US\$40bn have already commenced

Expected to increase global fleet ownership with Emerging Markets leading the deliveries

- Brazil and India expected to witness the largest percentage increase
- Indian labour costs are on the lower side as compared to shipbuilding hubs such as South Korea and Japan; structural labour cost is expected to be the lowest among BRIC nations for the next 15 years

Supplemented by ongoing global and domestic demand for ship repair

- India's strategic position on Eastbound and Westbound international trade routes and a 7,500 km long coastline with several naturally protected all-weather ports offers an advantage to the Indian ship repair industry

1.5 Government policies and initiatives

Recent initiatives to revive the sector and provide domestic private shipyards a level playing field with public and foreign counterparts

For Defence	For Commercial shipbuilding	For both
 Strategic partnership model proposed in the Defence Procurement Policy, 2016 The Government plans to enter into 'strategic partnerships' with domestic private companies in six critical areas of defence manufacturing including military aircraft, <u>warships</u>, <u>submarines</u>, armoured vehicles, complex weapons and critical materials	 Financial assistance policy for domestic shipbuilders - INR40bn (US\$600m) financial assistance policy to be implemented over a 10 year period - Financial assistance of 20% (reducing by 3% every 3 years) of the contract price or the fair price to be granted to shipyards for shipbuilding contracts signed between Apr 2016 and Mar 2026	 Infrastructure status - Shipyards undertaking shipbuilding and ship repair to be provided Infrastructure status - Enables shipyards to avail favourable financing terms on long term project loans and income tax benefits such as tax holiday
 Liberalized foreign ownership regulations FDI of 100% is permitted through Government approval route, in cases resulting in access to modern technology in the country or for other reasons to be recorded	 Revision of domestic eligibility criteria for Government orders - Government departments/ agencies procuring vessels would need to undertake bulk tendering for their vessel related requirements with deliveries starting from 2017-2018 - Right of First Refusal for Indian shipyards for such orders till 2025 - From 2025 onwards, only Indian-built vessels are to be procured by such departments/ agencies	 Exemption on customs and central excise duty - Government of India has given an exemption from customs and central excise duties on imported inputs used in shipbuilding - Procedure for procuring such goods has been considerably streamlined to enable ease of doing business

Source Press Information Bureau (Government of India), Ministry of Shipping, Ministry of Commerce and Industry, Ministry of Defence

2. Overview of ABG Shipyard Limited

2.1 Business snapshot

One of the three private shipyards approved by the Indian Navy to build various types of naval vessels

World class facilities...



Dahej

- Spread over 165 acres of land with c.1 km of water frontage
- Approved by the Indian Navy to manufacture various types of naval vessels
- One of the largest ship lift system in the world (once commissioned)



Surat

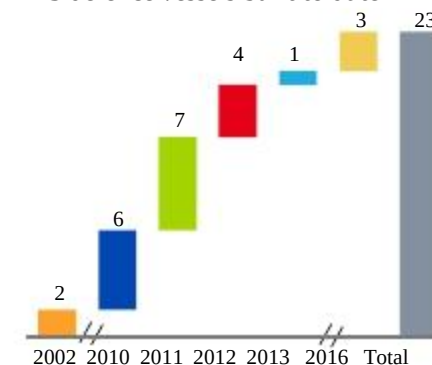
- Spread over 55 acres of land with c.400 m of water frontage
- Approved by the Indian Navy to manufacture various types of naval vessels
- Capability to simultaneously build modular blocks for 35-40 vessels



169 vessels delivered since inception – highest among private sector shipyards in India

... with defence capabilities

23 defence vessels built to date



Source Company

Interceptor Boats



Water Barges



Pollution Control



Battle Practice Target



Till date, delivered 23 vessels for the Indian Navy and Coast Guard

Order Book/ Unfinished Vessels

Type of Vessel	Total
Bulker	15
Anchor Handling Tug Supply Vessels	13
Platform Supply Vessels	6
Oil Rig Supply Vessels	6
Jack Up Rigs	4
Cadet Training Ships	3
Seismic	1
Total	48

Source Company

For the Indian Navy; at various stage of construction

Inventory of 48 unfinished vessels potentially worth c. US\$1.3bn

2.2 Shipyard overview

State-of-the-art yards with modular construction facilities and flexibility to construct and launch multiple ships

Dahej



Surat



Commissioning	■ Commissioned in 2008	■ Commissioned in 1989
Area	■ Spread over 165 acres of land – c.138 acres is leasehold land^{1,2} ■ c.1 km of water frontage	■ Spread over 55 acres of land – Leasehold: 3.2 acres; Freehold: 39.1 acres and Government land: 10.5 acres ■ c.400 m of water frontage
Capacity	■ 21 vessels simultaneously (post-block formation) including 4 jack-up rigs ■ Capacity to build ships up to 120,000 DWT and 250 m in length – Potential to increase capacity by 50% ■ Fabrication capacity of 120,000 MTPA ■ 4 jetties expandable up to 10 based on existing area available	■ 13 vessels simultaneously (post block formation) ■ Modular blocks for 35-40 vessels simultaneously ■ Capacity to build ships up to 20,000 DWT and 155 m in length ■ Fabrication capacity of 24,000 MTPA ■ 3 jetties
Capabilities	■ Offshore support vessels (OSV) ■ Bulk carriers of capacity up to 120,000 DWT ■ Jack up rigs and offshore structures/ platforms ■ Select defence vessels	■ Offshore (Tugs, MPV, OSV, support crafts, barges) ■ Cement and newsprint carriers ■ Floating cranes ■ Select defence vessels
Vessels built to date	■ 17	■ 152

Source Company

Notes

1 71 acres leased from Gujarat Maritime Board; c. 93% of this land is on a 30 year lease (excluding 3 years construction period) beginning May 2006

2 67 acres is leased from Gujarat Industrial Development Corporation (GIDC); all GIDC plots are on a 99 year lease

2.3 Dahej shipyard

Asset highlights



One of the largest ship-lift facility in the world with a capacity of 33,000T (to be commissioned)



Capacity to build **21 vessels simultaneously**¹ (including 4 jack-up rigs)



Highly automated with an **efficient** sequence of processes



Painting in a controlled environment – preserving the life of the hull



Licensed supplier for the Indian Navy since 2011



Mechanized ship transfer system – one of its kind in India



In-house design infrastructure for production designs



Residential accommodation for up to 4,000 workers



Road and rail connectivity to all major ports in India

Note

¹ Post block formation

2.3 Dahej shipyard

Layout



Source Company

2.3 Dahej shipyard

Equipment and facilities

Storage Facilities



- 3-tier covered storage area of 30,000 m² with 30 tonnes EOT cranes
- 40,000 m² of open storage area
- 16,500 m² with 10 tonnes magnetic cranes
- 80,000 m² open stock yard with 30 tonnes crane

Fabrication & Construction



- Five production sheds of 352 m x 32 m dimensions with two 16 m x 16 m x 4 m panel lines of 120,000 tonnes capacity
- Five service sheds of 20 m x 32 m dimensions

Painting & Blasting Shops



- Four 24 m x 24 m x 10 m covered paint sheds with humidity control
- Four 24 m x 24 m x 10 m covered blasting sheds with grit recovery system

Assembly Area



- Production/ repair bay of 125 m x 400 m for OSVs / defence vessels
- Assembly, fabrication and outfitting bay of 500 m x 400 m for bulk carriers
- Production area of 600 m x 300 m for jack-up rigs and rig leg building facility with a capacity of 150 m length

Source Company

2.3 Dahej shipyard

Equipment and facilities

Dry Dock & Slipway



- One 220 m x 25 m slipway
- One 450 m x 40 m dry dock with rails and dock gate

Outfitting



- One jetty of 245 m x 30 m both sides
- 10 cranes with a max lift of 250 tonnes
- One liver crane of 600 tonnes

Ship Lift System



- 47 m x 231 m ship lift system with a capacity of 33,000 tonnes (yet to be commissioned)
- One of the largest ship transfer system in the world
 - Ship transfer system with fluidized bed with a capacity of 27,000 tonnes

Power supply



- Substation of 66 kVA power transferred to the yard at 11 kW
- 5 diesel generator sets with a total capacity of 3,900kVA providing 100% power backup

2.4 Surat shipyard

Asset highlights



Delivered **the highest number of ships** in India amongst private shipyards



Capacity to build **13 vessels simultaneously**¹



Record delivery of over 10 vessels a year for 3 consecutive years



Long standing experience of **supplying vessels to international buyers**



Licensed supplier for the Indian Navy since 2011



Contractor base of over 300 for hull work, engineering and outfitting



Adequate supply of labour in Surat itself



Delivered one of a kind **Oceanographic research vessel** capable of conducting research at a depth of 10,000m



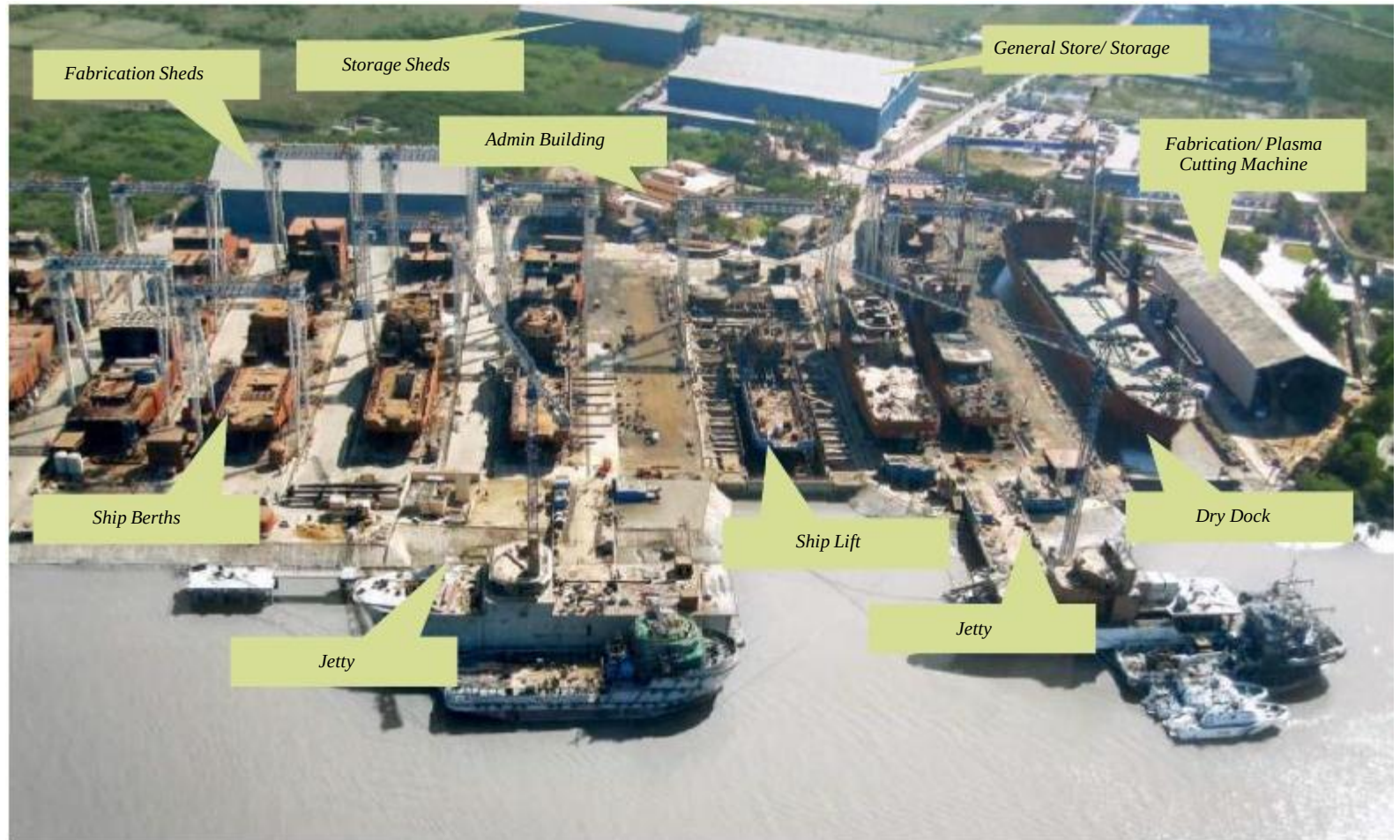
Road connectivity through national highway from Mumbai, Ahmedabad and Delhi; **rail connectivity** through Mumbai Delhi Trunk road

Note

¹ Post block formation

2.4 Surat shipyard

Layout



Source Company

2.4 Surat shipyard

Equipment and facilities

Storage Facilities



- 15 covered sheds for storage covering 20,000 m²

Painting & Blasting Shops



- Four climate controlled blasting booths and eight painting booths of up to 15 m x 15 m x 10 m

Fabrication and Construction



- CNC plasma cutting machine
- Covered fabrication sheds with four bays having piping, electrical and HVAC shops
- Plate bending rolls (8,000 x 25 mm plate)
- Hydraulic press capacity of 400 tonnes

Assembly Area



- 12 shipbuilding berths capable of building ships up to 110 m x 26 m
- High capacity gantry cranes and lifting equipment
- Load in and load out facilities

Source Company

2.4 Surat shipyard

Equipment and facilities

Dry Dock & Slipway



- One 155 m x 30 m dry dock with 5 m of water holding capacity for controlled dock trials
- One 110 m x 35 m slipway

Ship Lift System



- Synchrolift system of 125 m x 22.5 m with a ship lift capacity of 4,500 tonnes

Outfitting



- Four outfitting jetties (includes 3 owned and 1 jetty readily usable jetty owned by an associate company)
- 21 cranes; max lift of 110T
- One Goliath crane for dry-dock; max 80T

Power supply

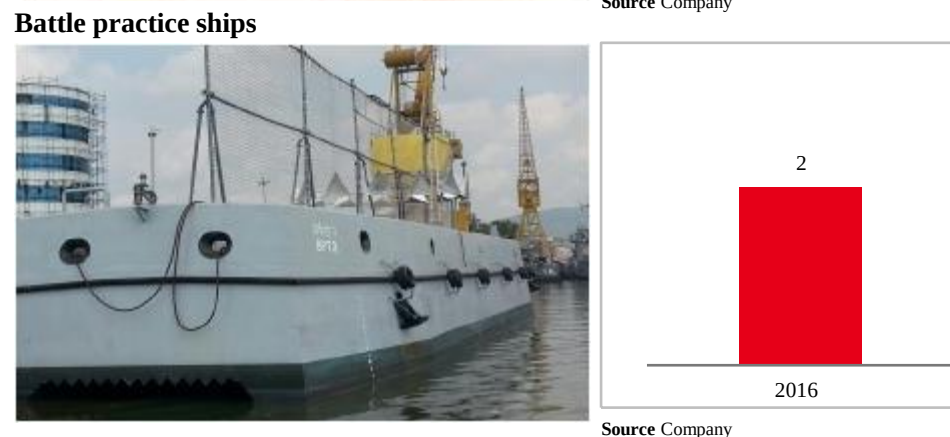
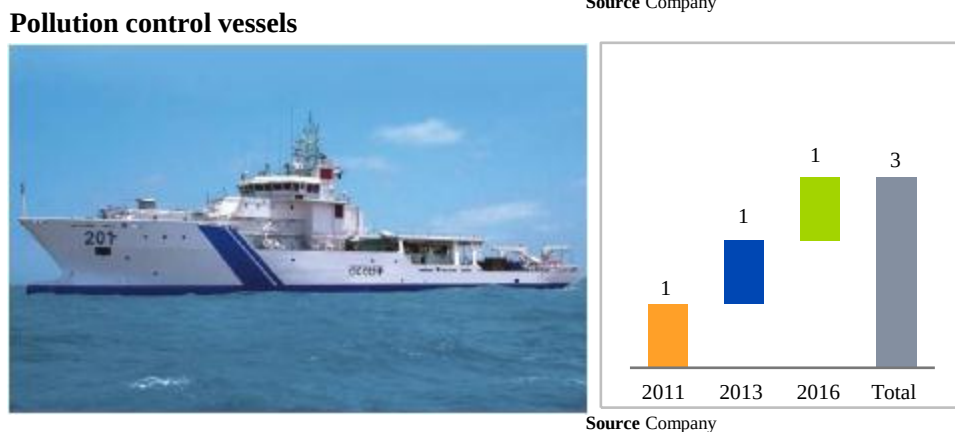
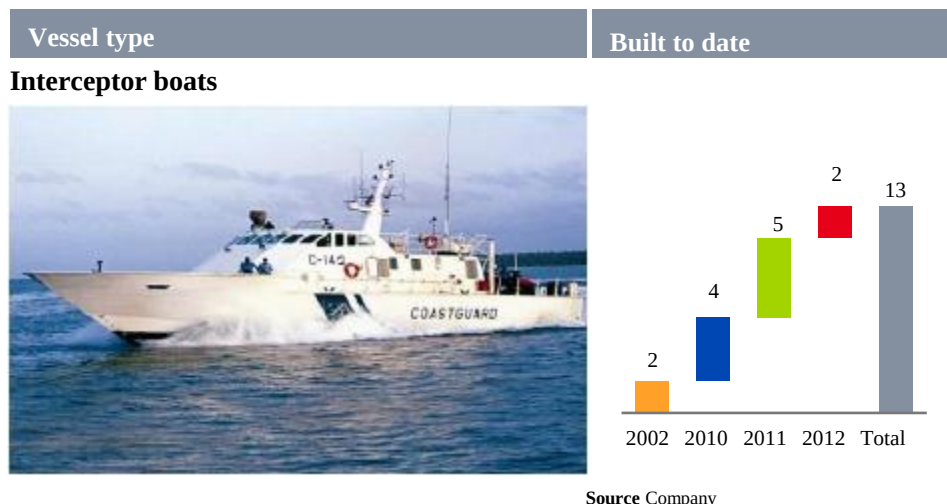


- 8 diesel generator sets with a capacity of 8,500kVA providing 100% power backup

Source Company

2.5 Defence capabilities

Pre-qualified to construct various types of defence vessels; delivered 23 vessels till date



Note
Years indicated for delivery are financial years (1 April to 31 March)

2.6 Certifications

The manufacturing processes in the shipyards are in line with world class standards and the yards have been certified by

- DNV for ISO 9001:2008 (for Quality Standards)
- IRS for ISO 14001:2004 (for Environment Management Systems)
- OHSAS 18001:2007 (for Occupational Health & Safety Management Systems)



2.7 Defence licenses

Both Dahej and Surat, have received a manufacturing license from Department of Industrial Policy & Promotion (DIPP, Ministry of Commerce & Industry, Government of India) on 20th May, 2011 to design and construct vessels for the Navy and offer supporting equipment

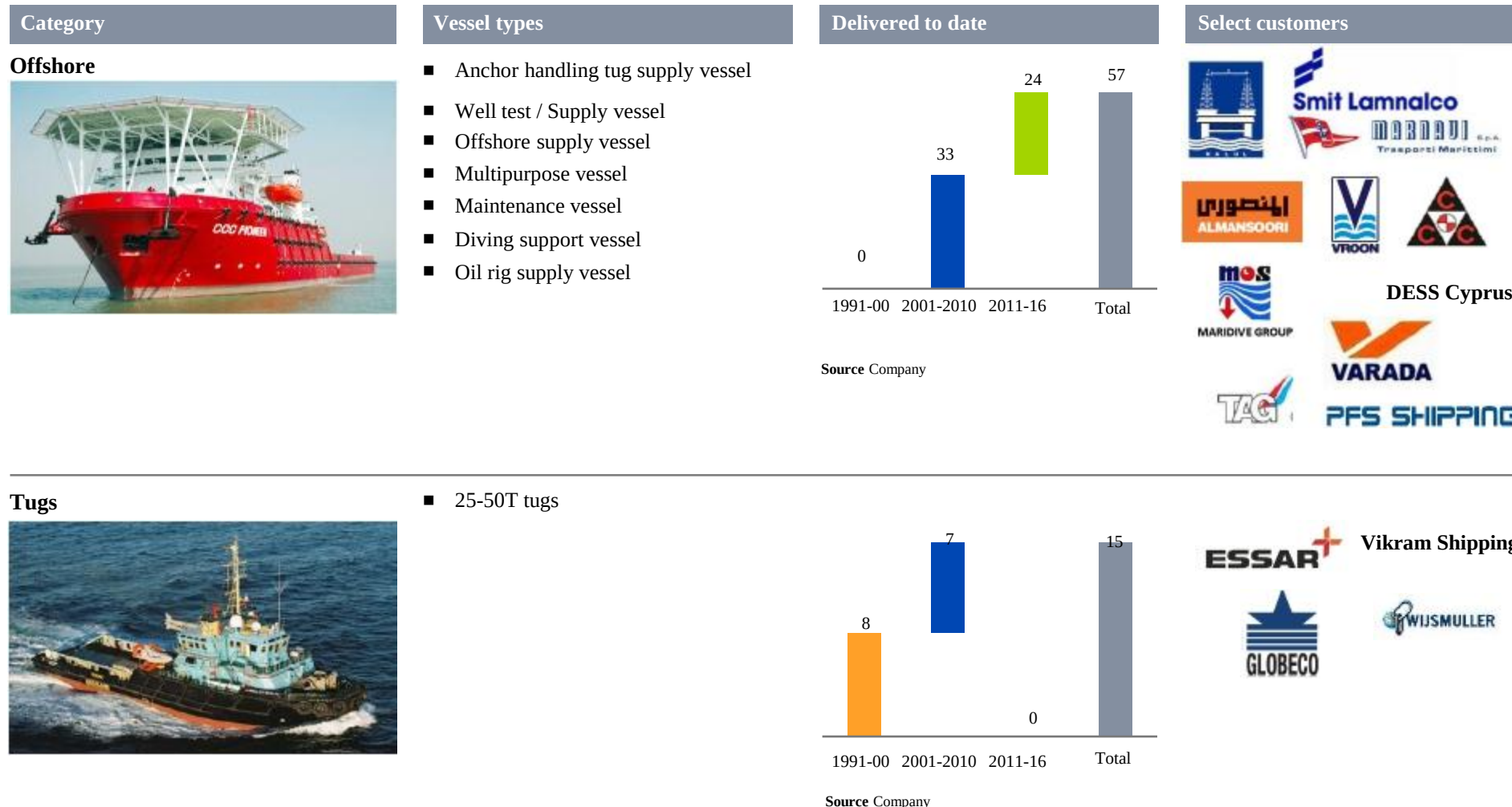
Dahej and Surat shipyards are licensed to build the following vessels:

Item to manufacture	Annual capacity (#)
Naval Warships and Naval Support ships	4
Submarines and underwater vessels	2
Fast attack crafts	6
Weapons and equipment including mounts, turrets, launchers and their associated systems, sub-systems and all types of assemblies	6
Command control communication computers and intelligence (C 41) systems, sub-systems etc.	3
Propulsion systems, sub-systems	2

Source Ministry of Defence

2.8 Vessels delivered

Successful track record of over 25 years delivering 169 vessels

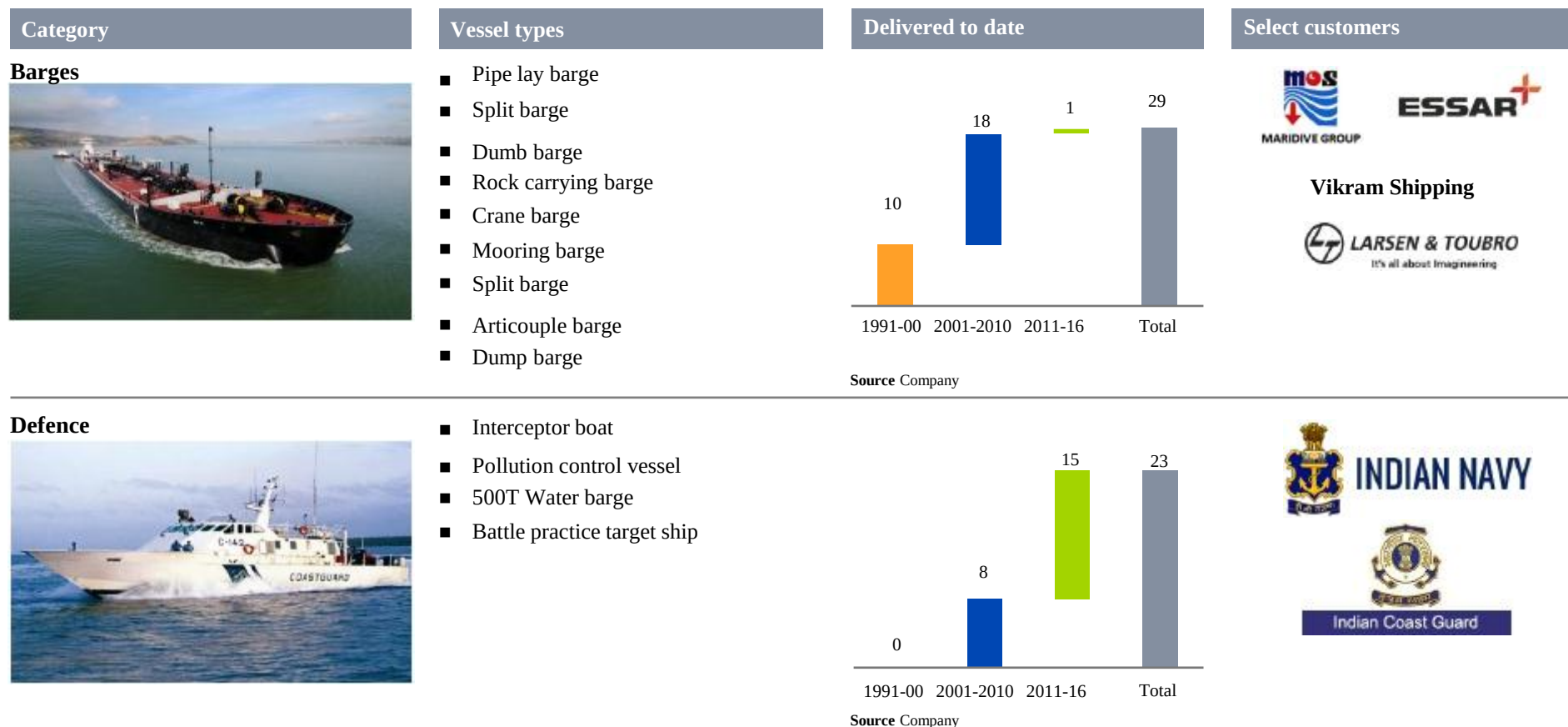


Note

Years indicated for delivery are financial years (1 April to 31 March)

2.9 Vessels delivered

Successful track record of over 25 years delivering 169 vessels

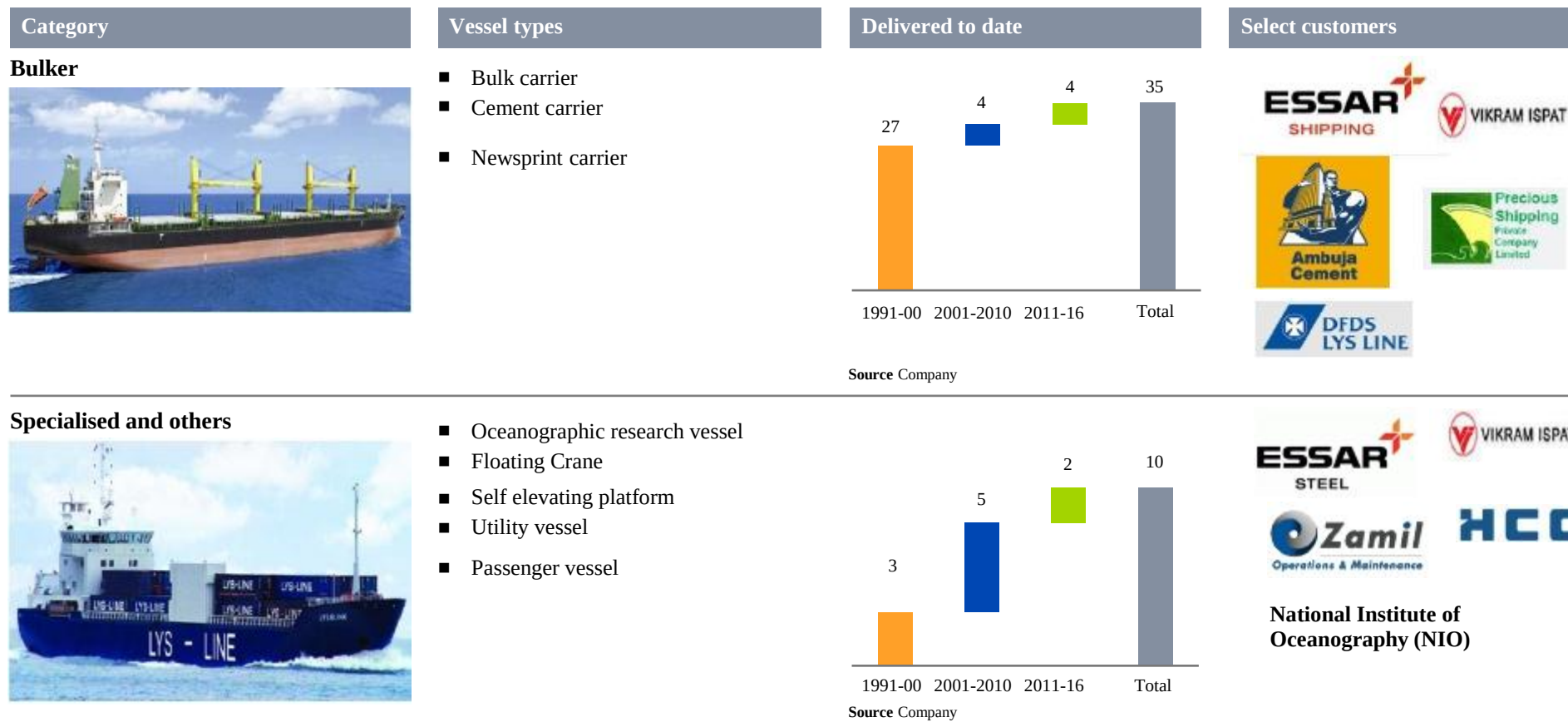


Note

Years indicated for delivery are financial years (1 April to 31 March)

2.10 Vessels delivered

Successful track record of over 25 years delivering 169 vessels



Note

Years indicated for delivery are financial years (1 April to 31 March)

Appendix A. Finished Vessels

A.1 Offshore

S.no.	Delivery Date	Vessel	Client	Yard
1	Oct-02	60.8M ANCHOR HANDLING TUG SUPPLY VESSEL	HALUL OFFSHORE CO. DOHA	Surat
2	Dec-02	60.8M ANCHOR HANDLING TUG SUPPLY VESSEL	HALUL OFFSHORE CO. DOHA	Surat
3	Apr-03	50.0M WELL TEST / SUPPLY VESSEL	AL MANSOORI PRODUCTION SERVICES, ABU DHABI	Surat
4	Jul-03	60.8M ANCHOR HANDLING TUG SUPPLY VESSEL	HALUL OFFSHORE CO. DOHA	Surat
5	Jul-03	47M – 80T MULTI - PURPOSE VESSEL	LAMNALCO GROUP, SHARJAH	Surat
6	Nov-03	60.8M ANCHOR HANDLING TUG SUPPLY VESSEL	HALUL OFFSHORE CO. DOHA	Surat
7	Nov-03	47M – 80T MULTI-PURPOSE VESSEL	LAMNALCO GROUP, SHARJAH	Surat
8	May-04	56 M WELL TEST / DPS-2 SUPPLY VESSEL	AL MANSOORI PRODUCTION SERVICES, ABU DHABI	Surat
9	May-04	42M WELL HEAD MAINTENANCE VESSEL	HALUL OFFSHORE CO. DOHA	Surat
10	Jan-05	60.8M DPS1 - DIVING SUPPORT VESSEL	HALUL OFFSHORE CO. DOHA	Surat
11	Jan-05	83.5M DPS-2 DIVING SUPPORT VESSEL	CONSOLIDATED CONTRACTORS CONSTRUCTION CO. ABU DHABI	Surat
12	Apr-05	47M – 80T MULTI-PURPOSE VESSEL	LAMNALCO GROUP, SHARJAH	Surat
13	Jul-05	47M – 80T MULTI-PURPOSE VESSEL	LAMNALCO GROUP, SHARJAH	Surat
14	Aug-05	47M – 80T MULTI-PURPOSE VESSEL	LAMNALCO GROUP, SHARJAH	Surat
15	Jul-06	61M DP-2 ANCHOR HANDLING TUG SUPPLY VESSEL	MARIDIVE OFFSHORE, S.A.E., EGYPT	Surat
16	Feb-07	61M DP-2 ANCHOR HANDLING TUG SUPPLY VESSEL	MARIDIVE OFFSHORE, S.A.E., EGYPT	Surat
17	Feb-07	53 M – 90 T BOLLARD PULL AHT	LAMNALCO GROUP, SHARJAH	Surat
18	Aug-07	60.8M LOA OFFSHORE SUPPLY & SUPPORT VESSEL	VROON B. V., HOLLAND	Surat
19	Aug-07	53 M – 90 T BOLLARD PULL AHT	LAMNALCO GROUP, SHARJAH	Surat
20	Aug-07	63M 80T BP ANCHOR HANDLING TUG SUPPLY VESSEL	DESS CYPRUS LTD., CYPRUS	Surat
21	Dec-07	61M DP-2 ANCHOR HANDLING TUG SUPPLY VESSEL	MARIDIVE OFFSHORE, S.A.E., EGYPT	Surat
22	Feb-08	53 M – 90 T BOLLARD PULL AHT	LAMNALCO GROUP, SHARJAH	Surat
23	May-08	63M – 80T BP ANCHOR HANDLING TUG SUPPLY VESSEL	DESS CYPRUS LTD., CYPRUS	Surat
24	Jun-08	63M – 80T BP ANCHOR HANDLING TUG SUPPLY VESSEL	TAG SEALOGISTICS INDIA	Surat
25	Jun-08	53 M – 90 T BOLLARD PULL AHT	LAMNALCO GROUP, SHARJAH	Surat
26	Aug-08	61M DP-2 ANCHOR HANDLING TUG SUPPLY VESSEL	MARIDIVE OFFSHORE, S.A.E., EGYPT	Surat

Source Company

A.1 Offshore

S.no.	Delivery Date	Vessel	Client	Yard
27	Dec-08	53 M – 90 T BOLLARD PULL AHT	LAMNALCO GROUP, SHARJAH	Surat
28	Mar-09	80T BP AHTS	PFS SHIPPING (SINGAPORE) PTE. LTD.	Dahej
29	May-09	53 M – 90 T BOLLARD PULL AHT	LAMNALCO GROUP, SHARJAH	Surat
30	Jul-09	63M – 80T BP ANCHOR HANDLING TUG SUPPLY VESSEL	TAG SEALOGISTICS INDIA	Surat
31	Aug-09	80T BP ANCHOR HANDLING TUG SUPPLY VESSEL	PFS SHIPPING (INDIA) LIMITED	Dahej
32	Oct-09	63M – 80T BP ANCHOR HANDLING TUG SUPPLY VESSEL	DESS CYPRUS LTD., CYPRUS	Surat
33	Mar-10	80T BP ANCHOR HANDLING TUG SUPPLY VESSEL	PFS SHIPPING (INDIA) LIMITED	Dahej
34	Apr-10	80T BP ANCHOR HANDLING TUG SUPPLY VESSEL	PFS SHIPPING (INDIA) LIMITED	Dahej
35	May-10	63M – 80T BP ANCHOR HANDLING TUG SUPPLY VESSEL	DESS CYPRUS LTD., CYPRUS	Surat
36	Jun-10	53 M – 100T BP APS VESSEL	LAMNALCO GROUP, SHARJAH	Surat
37	Jul-10	63M – 80T BP ANCHOR HANDLING TUG SUPPLY VESSEL	TAG SEALOGISTICS INDIA	Surat
38	Sep-10	82T BP ANCHOR HANDLING TUG SUPPLY VESSEL	MARNAVI SPA, ITALY	Dahej
39	Nov-10	53 M – 100T BP APS VESSEL	LAMNALCO GROUP, SHARJAH	Surat
40	Jan-11	63M – 80T BP ANCHOR HANDLING TUG SUPPLY VESSEL	DESS CYPRUS LTD., CYPRUS	Surat
41	Feb-11	53 M – 90 T BP ANCHOR HANDLING TUG	VARADA MARINE PTE. LTD.	Surat
42	Mar-11	63M – 80T BP ANCHOR HANDLING TUG SUPPLY VESSEL	DESS CYPRUS LTD., CYPRUS	Surat
43	Mar-11	82T BP ANCHOR HANDLING TUG SUPPLY VESSEL	VARADA MARINE PTE. LTD.	Dahej
44	Jun-11	63M – 80T BP ANCHOR HANDLING TUG SUPPLY VESSEL	DESS CYPRUS LTD., CYPRUS	Surat
45	Jul-11	61M DP-2 ANCHOR HANDLING TUG SUPPLY VESSEL	MARIDIVE OFFSHORE, S.A.E., EGYPT	Surat
46	Aug-11	82T BP ANCHOR HANDLING TUG SUPPLY VESSEL	VARADA MARINE PTE. LTD.	Dahej
47	Sep-11	63M – 80T BP ANCHOR HANDLING TUG SUPPLY VESSEL	DESS CYPRUS LTD., CYPRUS	Surat
48	Dec-11	63M – 80T BP ANCHOR HANDLING TUG SUPPLY VESSEL	DESS CYPRUS LTD., CYPRUS	Surat
49	Dec-11	53 M – 90 T BP ANCHOR HANDLING TUG	VARADA MARINE PTE. LTD.	Surat
50	Dec-11	53 M – 100T BP APS VESSEL	LAMNALCO GROUP, SHARJAH	Surat
51	Mar-12	78 M DSP2 - DIVING SUPPORT VESSEL	MARIDIVE & OIL SERVICES, EGYPT	Surat
52	Jul-12	82T BP AHTS / OSRV	VARADA MARINE PTE. LTD. / SEABIRD SHIPPING LTD.	Dahej

A.1 Offshore

S.no.	Delivery Date	Vessel	Client	Yard
53	Jul-12	82T BP AHTS / OSRV	VARADA MARINE PTE. LTD. / SEABIRD SHIPPING LTD.	Dahej
54	Sep-12	82T BP AHTS / OSRV	VARADA MARINE PTE. LTD. / SEABIRD SHIPPING LTD.	Surat
55	Aug-13	82T BP AHTS / OSRV	VARADA MARINE THREE PTE. LTD.	Dahej
56	Oct-13	130T BP AHTS	MARNAVI SPA, ITALY	Surat
57	Mar-14	DIVING SUPPORT VESSEL (DSV) DP2	HALUL OFFSHORE SERVICES COMPANY	Surat

A.2 Tugs

S.no.	Delivery Date	Vessel	Client	Yard
1	Apr-96	25T BP TUG	ESSAR STEEL, GUJARAT INDIA	Surat
2	Apr-96	25T BP TUG	ESSAR STEEL, GUJARAT INDIA	Surat
3	Jul-96	25T BP TUG	ESSAR STEEL, GUJARAT INDIA	Surat
4	Nov-96	26T BP TUG	VIKRAM SHIPPING, BOMBAY INDIA	Surat
5	Dec-96	25T BP TUG	ESSAR STEEL, BOMBAY INDIA	Surat
6	Mar-97	25T BP TUG	VIKRAM SHIPPING, BOMBAY INDIA	Surat
7	Feb-99	25T TUG (CONVERSION)	ESSAR STEEL GUJARAT INDIA	Surat
8	May-99	25T TUG (CONVERSION)	ESSAR STEEL GUJARAT INDIA	Surat
9	Jan-02	50T BOLLARD PULL TUG	WIJSMULLER ENGG. B.V., HOLLAND	Surat
10	Mar-02	50T BOLLARD PULL TUG	WIJSMULLER ENGG. B.V., HOLLAND	Surat
11	Jun-02	50T BOLLARD PULL TUG	WIJSMULLER ENGG. B.V., HOLLAND	Surat
12	Feb-04	50T BOLLARD PULL TUG	WIJSMULLER INTERNATIONAL TOWAGE B.V. HOLLAND	Surat
13	Jun-06	50T BOLLARD PULL TUG	GLOBECO, ITALY	Surat
14	Feb-07	45 T BOLLARD PULL TUG	ESSAR SHIPPING	Surat
15	Dec-07	45 T BOLLARD PULL TUG	ESSAR SHIPPING	Surat

A.3 Barges

S.no.	Delivery Date	Vessel	Client	Yard
1	Oct-93	BARGE	ESSAR GUJARAT, GUJARAT INDIA	Surat
2	Jun-94	BARGE	ESSAR GUJARAT, GUJARAT INDIA	Surat
3	Nov-96	BARGE	VIKRAM SHIPPING, BOMBAY INDIA	Surat
4	Nov-96	BARGE	VIKRAM SHIPPING, BOMBAY INDIA	Surat
5	Mar-97	BARGE	VIKRAM SHIPPING, BOMBAY INDIA	Surat
6	Mar-97	BARGE	VIKRAM SHIPPING, BOMBAY INDIA	Surat
7	Mar-99	DUMB BARGE	ESSAR STEEL GUJARAT INDIA	Surat
8	Mar-99	DUMB BARGE	ESSAR STEEL GUJARAT INDIA	Surat
9	Dec-99	DUMB BARGE	ESSAR STEEL GUJARAT INDIA	Surat
10	Dec-99	DUMB BARGE	ESSAR STEEL GUJARAT INDIA	Surat
11	Sep-00	DUMB BARGE	ESSAR STEEL GUJARAT INDIA	Surat
12	Nov-00	DUMB BARGE	ESSAR STEEL GUJARAT INDIA	Surat
13	Dec-00	ROCK CARRYING BARGE	L&T HOCHTIEF	Surat
14	Dec-00	ROCK CARRYING BARGE	L&T HOCHTIEF	Surat
15	Jan-01	ROCK CARRYING BARGE	L&T HOCHTIEF	Surat
16	Jan-01	ROCK CARRYING BARGE	L&T HOCHTIEF	Surat
17	Jan-01	CRANE BARGE	L&T HOCHTIEF	Surat
18	Feb-01	CRANE BARGE	L&T HOCHTIEF	Surat
19	Feb-01	MOORING BARGE	L&T HOCHTIEF	Surat
20	Feb-01	MOORING BARGE	L&T HOCHTIEF	Surat
21	Feb-01	ROCK CARRYING BARGE	L&T HOCHTIEF	Surat
22	Mar-01	SPLIT BARGE 500M3	L&T HOCHTIEF	Surat
23	Mar-01	SPLIT BARGE 500M3	L&T HOCHTIEF	Surat
24	Jun-05	ARTICOUPLE BARGES	ESSAR SHIPPING	Surat
25	Oct-05	ARTICOUPLE BARGES	ESSAR SHIPPING	Surat
26	Dec-09	90 M PIPE LAY BARGE	MARIDIVE OFFSHORE, S.A.E., EGYPT	Surat
27	Jan-10	ROCK CARRYING BARGE	LARSEN & TOUBRO LIMITED	Dahej
28	Jan-10	ROCK CARRYING BARGE	LARSEN & TOUBRO LIMITED	Dahej
29	Feb-13	DUMP BARGE	ESSAR STEEL INDIA LTD.	Surat

Source Company

A.4 Defence

S.no.	Delivery Date	Vessel	Client	Yard
1	Jan-02	INTERCEPTOR BOAT	INDIAN COAST GUARD	Surat
2	Jan-02	INTERCEPTOR BOAT	INDIAN COAST GUARD	Surat
3	Apr-09	500T WATER BARGE	INDIAN NAVY	Surat
4	May-09	INTERCEPTOR BOAT	INDIAN COAST GUARD	Surat
5	Aug-09	INTERCEPTOR BOAT	INDIAN COAST GUARD	Surat
6	Nov-09	INTERCEPTOR BOAT	INDIAN COAST GUARD	Surat
7	Jan-10	INTERCEPTOR BOAT	INDIAN COAST GUARD	Surat
8	Jan-10	500T WATER BARGE	INDIAN NAVY	Surat
9	Apr-10	INTERCEPTOR BOAT	INDIAN COAST GUARD	Surat
10	Sep-10	INTERCEPTOR BOAT	INDIAN COAST GUARD	Surat
11	Sep-10	POLLUTION CONTROL VESSEL	INDIAN COAST GUARD	Surat
12	Oct-10	500T WATER BARGE	INDIAN NAVY	Surat
13	Nov-10	INTERCEPTOR BOAT	INDIAN COAST GUARD	Surat
14	Jan-11	INTERCEPTOR BOAT	INDIAN COAST GUARD	Surat
15	Mar-11	INTERCEPTOR BOAT	INDIAN COAST GUARD	Surat
16	May-11	INTERCEPTOR BOAT	INDIAN COAST GUARD	Surat
17	May-11	500T WATER BARGE	INDIAN NAVY	Surat
18	Sep-11	500T WATER BARGE	INDIAN NAVY	Surat
19	Oct-11	INTERCEPTOR BOAT	INDIAN COAST GUARD	Surat
20	Jul-12	POLLUTION CONTROL VESSEL	INDIAN COAST GUARD	Surat
21	Apr-15	BATTLE PRACTICE TARGET (BPT)	INDIAN NAVY	Dahej
22	May-15	BATTLE PRACTICE TARGET (BPT)	INDIAN NAVY	Dahej
23	Dec-15	POLLUTION CONTROL VESSEL	INDIAN COAST GUARD	Surat

Source Company

A.5 Bulkers

S.no.	Delivery Date	Vessel	Client	Yard
1	Nov-90	BULK CARRIER	ESSAR SHIPPINGBOMBAY, INDIA	Surat
2	Feb-91	BULK CARRIER	ESSAR SHIPPINGBOMBAY, INDIA	Surat
3	Jun-91	BULK CARRIER	ESSAR SHIPPINGBOMBAY, INDIA	Surat
4	Jul-91	BULK CARRIER	ESSAR SHIPPINGBOMBAY, INDIA	Surat
5	Sep-91	BULK CARRIER	ESSAR SHIPPINGBOMBAY, INDIA	Surat
6	Dec-91	BULK CARRIER	ESSAR SHIPPINGBOMBAY, INDIA	Surat
7	Apr-92	BULK CARRIER	ESSAR SHIPPINGBOMBAY, INDIA	Surat
8	May-92	BULK CARRIER	ESSAR SHIPPINGBOMBAY, INDIA	Surat
9	Jul-92	BULK CARRIER	ESSAR SHIPPINGBOMBAY, INDIA	Surat
10	Sep-92	BULK CARRIER	ESSAR SHIPPINGBOMBAY, INDIA	Surat
11	Jan-93	BULK CARRIER	ESSAR SHIPPINGBOMBAY, INDIA	Surat
12	Sep-93	CEMENT CARRIER	GUJARAT AMBUJA BOMBAY INDIA	Surat
13	Oct-93	BULK CARRIER	ESSAR SHIPPINGBOMBAY, INDIA	Surat
14	Jan-94	CEMENT CARRIER	GUJARAT AMBUJA BOMBAY INDIA	Surat
15	Apr-94	CEMENT CARRIER	GUJARAT AMBUJA BOMBAY INDIA	Surat
16	Sep-94	BULK CARRIER	VIKRAM ISPAT, BOMBAY INDIA	Surat
17	Oct-94	BULK CARRIER	VIKRAM ISPAT, BOMBAY INDIA	Surat
18	Jan-95	BULK CARRIER	VIKRAM ISPAT, BOMBAY INDIA	Surat
19	Mar-95	BULK CARRIER	VIKRAM ISPAT, BOMBAY INDIA	Surat
20	Apr-95	BULK CARRIER	SAMRAT ASIA, BOMBAY INDIA	Surat
21	Jun-96	BULK CARRIER	SAMRAT ASIA, BOMBAY INDIA	Surat
22	Jan-97	CEMENT CARRIER	GUJARAT AMBUJA INTER MAURITIUS	Surat
23	Feb-97	CEMENT CARRIER	GUJARAT AMBUJA INTER MAURITIUS	Surat
24	Mar-97	BULK CARRIER	PRANIK SHIPPING BOMBAY INDIA	Surat
25	Nov-98	NEWSPRINT CARRIER	LYS-LINE OSLO NORWAY	Surat
26	Jan-99	BULK CARRIER	ABG HEAVY IND LTD BOMBAY INDIA	Surat

Source Company

A.5 Bulkers

S.no.	Delivery Date	Vessel	Client	Yard
27	Sep-99	NEWSPRINT CARRIER	LYS-LINE OSLO, NORWAY	Surat
28	Jul-00	NEWSPRINT CARRIER	LYS-LINE OSLO, NORWAY	Surat
29	May-02	4000 DWT CEMENT CARRIERS	GUJARAT AMBUJA CEMENT LTD.	Surat
30	Nov-02	4000 DWT CEMENT CARRIERS	GUJARAT AMBUJA CEMENT LTD.	Surat
31	Feb-10	4000 DWT SELF UNLOADING BULK CEMENT CARRIER	AMBUJA CEMENTS LTD.	Surat
32	Jun-11	32,000 DWT BULK CARRIER	PRECIOUS FORESTS PTE. LTD., SINGAPORE	Dahej
33	Aug-11	18,800 DWT BULK CARRIER	SEB LEASING, FINLAND	Surat
34	Mar-12	32,000 DWT BULK CARRIER	PRECIOUS FRAGRANCE PTE. LTD. SINGAPORE	Dahej
35	Jan-13	32,000 DWT BULK CARRIER	PRECIOUS THOUGHTS PTE. LTD., SINGAPORE	Dahej

A.6 Specialised and others

S.no.	Delivery Date	Vessel	Client	Yard
1	Mar-94	FLOATING CRANE	ESSAR STEEL, GUJARAT INDIA	Surat
2	Aug-95	FLOATING CRANE	ESSAR STEEL, GUJARAT INDIA	Surat
3	Nov-95	FLOATING CRANE	VIKRAM ISPAT, BOMBAY INDIA	Surat
4	MAY'02	SELF ELEVATING PLATFORM	HINDUSTAN CONSTRUCTION, MUMBAI	Surat
5	APR'03	49.5M UTILITY VESSEL	ZAMIL OPERATION & MAINTENANCE COMPANY LTD.	Surat
6	MAY'03	49.5M UTILITY VESSEL	ZAMIL OPERATION & MAINTENANCE COMPANY LTD.	Surat
7	SEPT'03	49.5M UTILITY VESSEL	ZAMIL OPERATION & MAINTENANCE COMPANY LTD.	Surat
8	NOV'03	49.5M UTILITY VESSEL	ZAMIL OPERATION & MAINTENANCE COMPANY LTD.	Surat
9	NOV'11	500 PASSENGER VESSEL	ANDAMAN & NICOBAR ADMIN. PORT BLAIR,	Surat
10	NOV'13	OCEANOGRAPHIC RESEACH VESSEL (ORV)	NATIONAL INSTITUTE OF OCEANOGRAPHY (NIO)	Surat

Appendix B. Unfinished Vessels

B.1 Unfinished Vessels

Surat	
Sr. No.	Type
1	PLATFORM SUPPLY VESSEL UT 755 CD
2	PLATFORM SUPPLY VESSEL UT 755 CD
3	PLATFORM SUPPLY VESSEL UT 755 CD
4	130T BP ANCHOR HANDLING TUG VESSEL
5	130T BP ANCHOR HANDLING TUG VESSEL
6	130T BP ANCHOR HANDLING TUG VESSEL
7	PLATFORM SUPPLY VESSEL-3000 DWT
8	OIL RIG SUPPLY VESSEL
9	OIL RIG SUPPLY VESSEL
10	OIL RIG SUPPLY VESSEL
11	OIL RIG SUPPLY VESSEL
12	OIL RIG SUPPLY VESSEL
13	OIL RIG SUPPLY VESSEL
14	10 K DWT BULK CARRIER
15	10 K DWT BULK CARRIER
16	10 K DWT BULK CARRIER
17	10 K DWT BULK CARRIER
18	10 K DWT BULK CARRIER
19	PLATFORM SUPPLY VESSEL -VS 483 MK 4
20	PLATFORM SUPPLY VESSEL -VS 483 MK 4
21	20K DWT CEMENT CARRIER
22	80 T BP ANCHOR HANDLING TUG SUPPLY VESSEL
23	80 T BP ANCHOR HANDLING TUG SUPPLY VESSEL
24	80 T BP ANCHOR HANDLING TUG SUPPLY VESSEL
25	80 T BP ANCHOR HANDLING TUG SUPPLY VESSEL
26	80 T BP ANCHOR HANDLING TUG SUPPLY VESSEL
27	80 T BP ANCHOR HANDLING TUG SUPPLY VESSEL
28	SEISMIC

Dahej	
Sr. No.	Type
1	54 K DWT BULK CARRIER
2	54 K DWT BULK CARRIER
3	54 K DWT BULK CARRIER
4	54 K DWT BULK CARRIER
5	35K DWT BULK CARRIER
6	35K DWT BULK CARRIER
7	32 K DWT BULK CARRIER
8	18K DWT BULK CARRIER
9	CADET TRAINING SHIP
10	CADET TRAINING SHIP
11	CADET TRAINING SHIP
12	200 T. BP ANCHOR HANDLING TUG SUPPLY VESSEL
13	200 T. BP ANCHOR HANDLING TUG SUPPLY VESSEL
14	200 T. BP ANCHOR HANDLING TUG SUPPLY VESSEL
15	200 T. BP ANCHOR HANDLING TUG SUPPLY VESSEL
16	10 K DWT BULK CARRIER
17	JACK-UP RIG
18	JACK-UP RIG
19	JACK-UP RIG
20	JACK-UP RIG

Source Company