

# COCHIN SHIPYARD LIMITED



## MAKING INDIA PROUD

Annual Report  
2020-21





# INSIDE THE REPORT

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## FORWARD-LOOKING STATEMENTS

Some information in this report may contain forward-looking statements which include statements regarding Company's expected financial position and results of operations, business plans and prospects etc. and are generally identified by forward-looking words such as "believe", "plan", "anticipate", "continue", "estimate", "expect", "may", "will" or other similar words. Forward-looking statements are dependent on assumptions or basis underlying such statements. We have chosen these assumptions or basis in good faith, and we believe that they are reasonable in all material respects. However, we caution that actual results, performances or achievements could differ materially from those expressed or implied in such forward-looking statements. We undertake no obligation to update or revise any forward-looking statement, whether as a result of new information, future events, or otherwise.

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## NOTICE



# ABOUT US

**COCHIN SHIPYARD LIMITED (CSL) WAS INCORPORATED IN THE YEAR 1972 AS A FULLY OWNED GOVERNMENT OF INDIA COMPANY. PRESENTLY, THE GOVERNMENT OF INDIA HOLDS 72.86% OF EQUITY SHARE CAPITAL IN THE COMPANY. IN THE LAST FOUR DECADES, THE COMPANY HAS EMERGED AS A FORERUNNER IN THE INDIAN SHIPBUILDING & SHIP REPAIR INDUSTRY AND ALSO A WELL-KNOWN PLAYER ON THE GLOBAL SHIPBUILDING FRONT.**

The Company has built and repaired some of the largest ships in India and is presently building the prestigious Indigenous Aircraft Carrier for the Indian Navy. Over the years, CSL has successfully responded to fluctuations in the shipbuilding requirements of the markets and have evolved from building bulk carriers to smaller and more technically sophisticated vessels such as Platform Supply Vessels (PSV) and Anchor Handling Tug Supply Vessels (AHTS). CSL has worked with several leading technology firms in the industry including Rolls Royce Marine (Norway), GTT (France), Vard Group (Norway) etc. CSL has exported 47 vessels to some of the most demanding clients in Norway, Netherlands, Cyprus, USA, Germany, Denmark/ Bahamas, Saudi Arabia and UAE. This has added to our credibility in the international market. Our key shipbuilding clients on the domestic front include, the Indian Navy, the Indian Cost Guard, the Shipping Corporation of India Limited, Lakshadweep Government, various Port Trusts, Inland Waterways Authority of India (IWA), A&N Administration, Directorate General of Lighthouses and Lightships (DGLL) and Jindal Steel Works (JSW) group. CSL has also undertaken repairs of various types of vessels including upgradation of ships of the oil exploration industry as well as periodical maintenance, repairs and life extension of ships. CSL is presently one of the best performing shipyards in India.





## DELIVERING VALUE



### OUR VISION

- Emerge as an internationally preferred shipyard to construct world class Merchant and Naval ships, offshore vessels and structures.
- Be the market leader in India for ship repairs, including conversions and up-gradation.
- To be admired for our achievements, respected for our ethics and trusted for our service excellence by our valued customers.



### OUR MISSION

- To build and repair ships and off-shore structures to international standards and provide value added quality engineering services.
- Sustain corporate growth in competitive environment.
- To adopt and undertake practices towards becoming a responsible corporate citizen.



### OUR OBJECTIVES

- To sustain and enhance shipbuilding and ship repair activities through technology up-gradation and capacity augmentation.
- To continuously endeavour to expand/diversify activities of the shipyard including setting up new facilities.
- To carry out research & development in existing and emerging technologies in shipbuilding processes.
- To move towards international benchmarking, benchmark with the best shipbuilding standards followed in India.
- To motivate employees through improved specific training programs. To adopt best practices for clean and safe environment. Ride the down time with aggressive bidding and secure orders to maximize capacity.
- To ensure positive customer oriented initiatives.
- To build a responsible corporate citizen image through CSR & sustainability projects and compliance to corporate governance principles.



## GLOBAL CUSTOMER FOOTPRINT & PAN INDIA PRESENCE



### OUR FACILITIES

#### COCHIN SHIPYARD LIMITED (CSL), KOCHI

Dry-dock 1 : 255 x 43 x 9 Mtr  
Dry-dock 2 : 270 x 45 x 12 Mtr  
Dry-dock 3 : 310-x 75/60 x 13 Mtr (New)  
Berth : 1.3 KM

#### INTERNATIONAL SHIP REPAIR FACILITY (ISRF), KOCHI

Shiplift : 6000T (130 x 25 Mtr)  
6 Work Stations  
Dedicated Shops & Maritime Park

#### CSL MUMBAI SHIP REPAIR UNIT (CMSRU), MUMBAI

Dry-dock : 300 x 30 x 9 Mtr  
1 KM berth for afloat repairs

#### CSL KOLKATA SHIP REPAIR UNIT (CKSRU), KOLKATA

Dry-docks : 172 x 23 x 8 Mtr (2 nos)

#### CSL-ANDAMAN & NICOBAR SHIP REPAIR UNIT (CANSRU), PORT BLAIR

Dry-dock 1 : 88 x 20 x 7 Mtr  
Dry-dock 2 : 68 x 16 x 5 Mtr  
Slipways : 25 x 8 Mtr (5 nos)

### OUR WHOLLY OWNED SUBSIDIARIES

#### HOOGHLY COCHIN SHIPYARD LIMITED (HCSL), KOLKATA

Subsidiary Yard for Inland Vessels  
Slipway : 136 x 40 Mtr  
3 Outfitting Jetties

#### TEBMA SHIPYARDS LIMITED (TSL), MALPE

Subsidiary Yard for Medium Size Vessels  
Slipway : 96 x 22 Mtr



# OUR OFFERINGS

PRODUCT PORTFOLIO CORE



DEFENCE

- Aircraft Carriers
- Next Generation Missile Vessels
- Anti-Submarine Warfare Shallow Water Crafts
- Technology Demonstration Vessel
- Floating Border Outposts Vessels
- Fast Patrol Vessels
- Hydrographic Survey Vessels
- Offshore Patrol Vessels
- Pollution Control Vessels

COMMERCIAL

- Oil Tankers
- Bulk Carriers
- Dredgers
- Pax Vessels
- Tugs
- Special Purpose Vessels
- Deck Cargo/Jacket Launch Barges
- Electric Autonomous Vessels
- Electric Passenger Ferries
- Ro-Ro Vessels
- Ro-Pax Vessels
- Specialised Fishing Vessels
- Marine Ambulance

OFFSHORE

- Platform Supply Vessels
- Anchor Handling/Tug Supply Vessels
- Multi-Purpose Vessels
- Specialised Construction of Support Vessels

- Maintenance and repairs of Aircraft Carriers and other Defence Vessels
- Repairs and maintenance of Tankers, Bulk Carriers, all kinds of Commercial and Specialised vessels
- Oil Rig Upgradation, Repair Projects and Conversions

- Marine Engineering Training
- Strategic and Advanced Solutions



## THE MADE IN INDIA MADE FOR INDIA AIRCRAFT CARRIER

INDIA'S MOST COMPLEX WARSHIP INDIGENOUSLY BUILT BY COCHIN SHIPYARD LIMITED (CSL) FOR THE INDIAN NAVY COMMENCED ITS SEA TRIALS IN AUGUST 2021. THE INDIGENOUS AIRCRAFT CARRIER (IAC) IS THE FIRST AIRCRAFT CARRIER DESIGNED AND BUILT IN INDIA CATAPULTING INDIA INTO AN ELITE LEAGUE OF COUNTRIES CAPABLE OF BUILDING COMPLEX AIRCRAFT CARRIERS. THE CARRIER IS A MINI FLOATING CITY, WITH A FLIGHT DECK AREA COVERING THE SIZE OF TWO FOOTBALL FIELDS WITH APPX. 2,000 KMS OF CABLING AND 120 KMS OF PIPING.

IAC, THE LARGEST WARSHIP BUILT IN THE COUNTRY, IS A TRUE REFLECTION OF THE MAKE IN INDIA AND AATMANIRBHAR BHARAT INITIATIVES OF THE GOVERNMENT OF INDIA.

### IAC STATS

**1,700**  
Crew

**14**  
Decks

**2,300**  
Compartments

### PERFORMANCE

**28** Knots  
Top Speed

**18** Knots  
Cruising Speed

**7,500** Nautical Miles  
Endurance

### DIMENSIONS

**262** M  
Length

**62** M  
Width

**59** M  
Height

**40,000** Tonnes  
Displacement





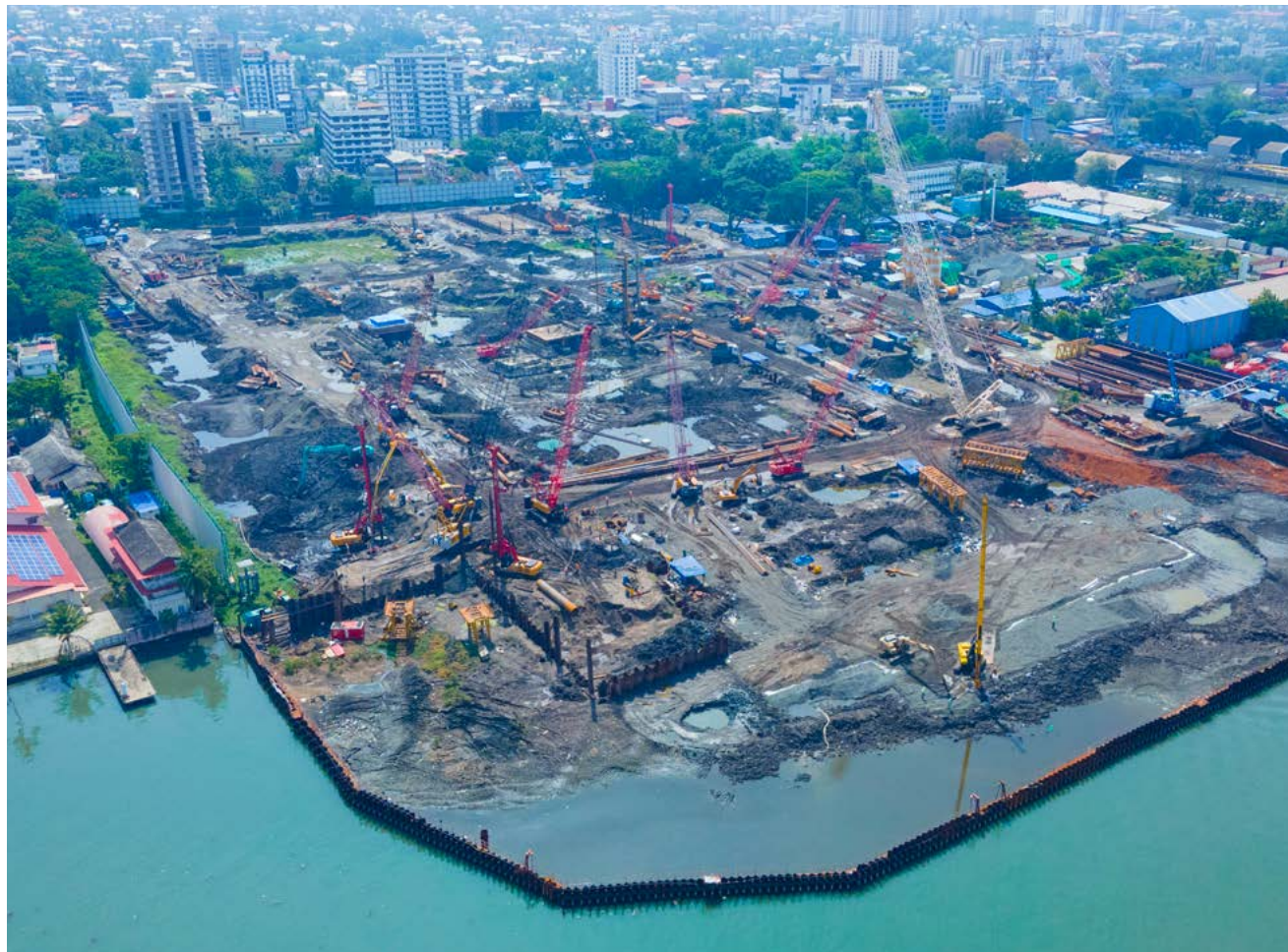
## MAJOR EXPANSION PROJECTS

### NEW DRY-DOCK

CSL is in the process of setting up a New Dry-dock. The New Dry-dock measuring 310 x 75/60 x 13m with a 600T Gantry crane will be capable of handling vessels upto Suezmax, Aircraft Carriers of 70000T displacement, Jack-up rigs, LNG vessels etc.

#### HOW WE ARE PROGRESSING

The construction activities commenced in June 2018 is progressing despite the setbacks caused by COVID-19 pandemic. Ground improvement works, cofferdam works, dock wall sheet pile installation works has been completed. Further, around 70% of RCC piling have also been completed. The facility is targeted to be commissioned in FY 2022-23.

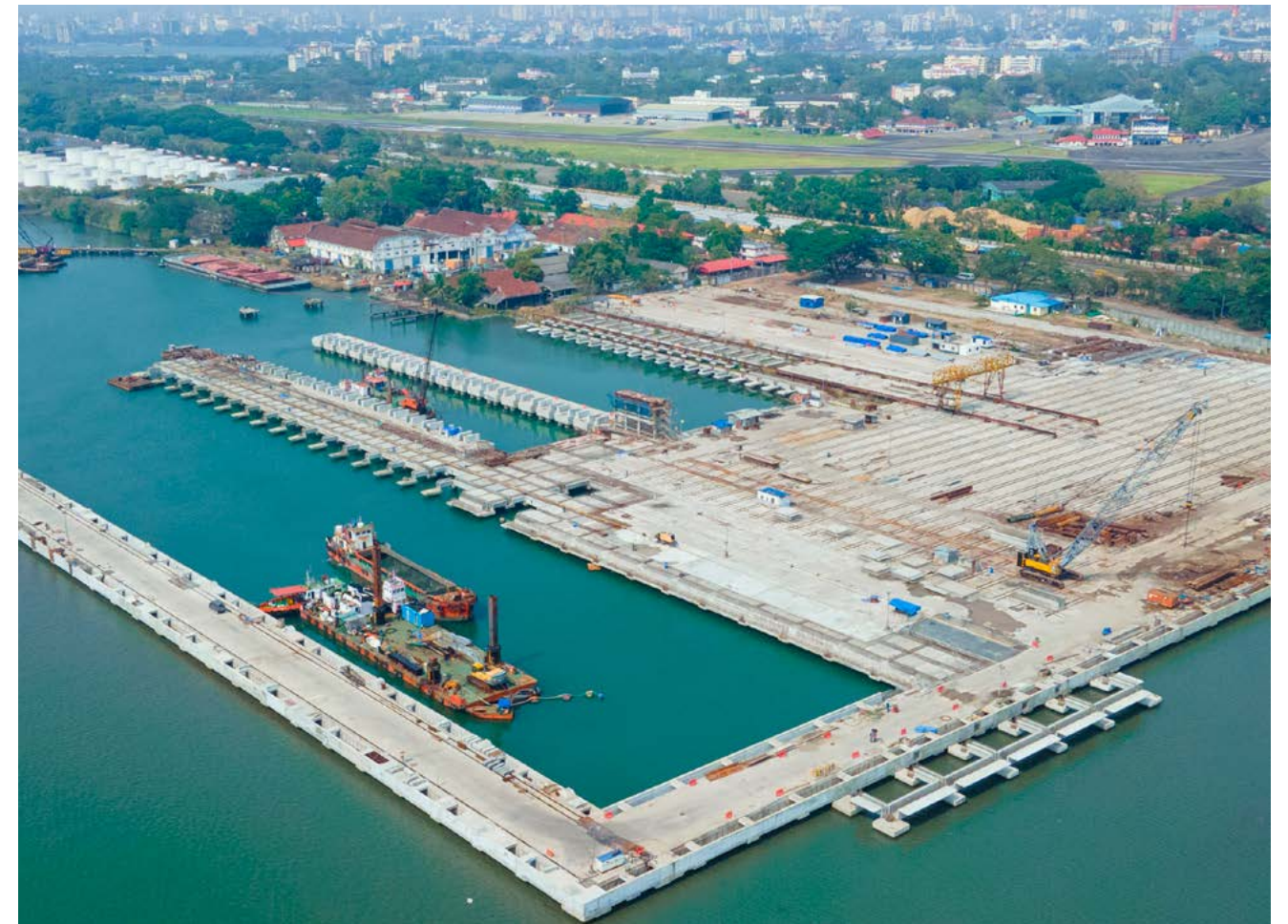


### INTERNATIONAL SHIP REPAIR FACILITY (ISRF)

The ISRF will modernise and expand the existing ship repair facility in CSL. The ISRF includes 6000T shiplift for ships upto 130 x 25 m with six work stations and allied facilities. It has a total outfitting berth of 1500 meters approx.

#### HOW WE ARE PROGRESSING

The construction works of ISRF project, which commenced in November 2017, is progressing despite the setbacks caused by COVID-19 pandemic. 100% piling work and more than 87% of the deck concreting work have been completed. The facility is expected to be commissioned in the latter part of the calendar year 2022.



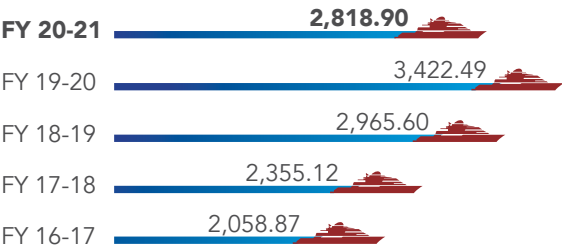


SUSTAINING  
PERFORMANCE  
AMIDST CHALLENGES

FINANCIAL PERFORMANCE

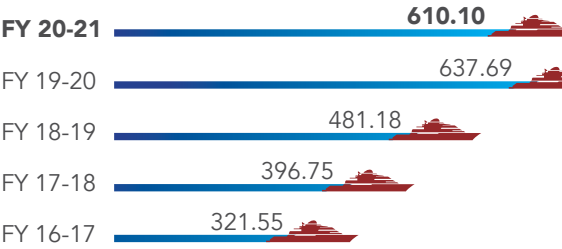
TURNOVER

(₹ in Crores)



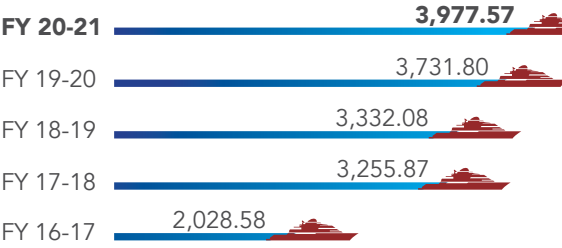
PAT

(₹ in Crores)



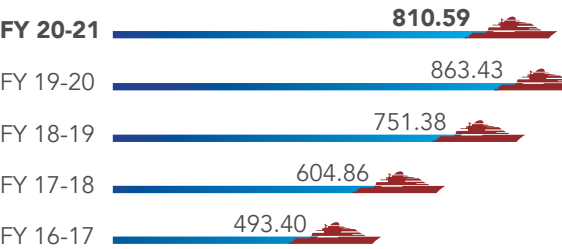
NET WORTH

(₹ in Crores)



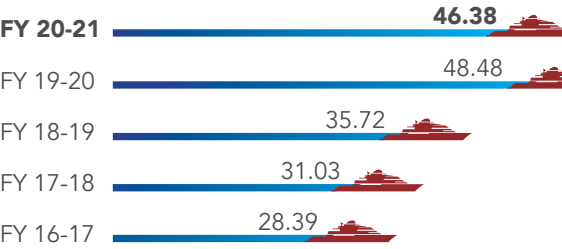
PBT

(₹ in Crores)



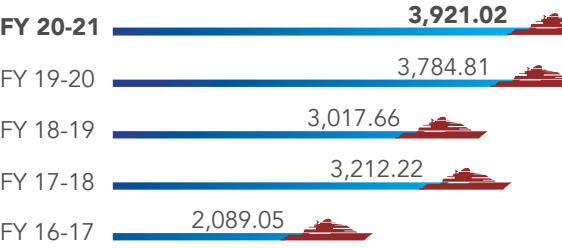
EPS

(₹)



CAPITAL EMPLOYED

(₹ in Crores)



10-YEAR PERFORMANCE HIGHLIGHTS

Key Indicators	2020-21	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15	2013-14	2012-13	2011-12
EPS (₹ per share)	46.38	48.48	35.72	31.03	28.39	24.07	20.75	17.15	16.35	15.21
Face Value Per Share (₹)	10	10	10	10	10	10	10	10	10	10
EBDIT/ Gross Turnover (%)	32.43	27.95	26.97	27.76	26.35	23.52	22.81	20.37	20.45	20.21
Net Profit Margin %	21.64	18.63	16.23	16.85	15.62	13.73	12.64	11.75	11.92	12.27
Return on Net Worth %	15.34	17.09	14.44	12.19	15.85	15.09	15.06	14.15	15.76	16.40
Return on Capital Employed %	15.56	16.85	15.94	12.35	15.39	16.15	14.50	13.97	19.08	18.76

(₹ in Crores)

Particulars	2020-21	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15	2013-14	2012-13	2011-12
Turnover	2818.90	3422.49	2965.60	2355.12	2058.87	1993.45	1859.51	1652.66	1554.16	1404.85
Total income	3012.76	3669.99	3192.89	2544.28	2217.50	2107.37	1952.97	1728.64	1642.33	1481.54
Profit Before Tax (PBT)	810.59	863.43	751.38	604.86	493.40	419.65	367.56	290.96	275.55	252.97
Depreciation & write offs	53.07	48.73	34.16	37.51	38.51	37.19	38.33	26.43	19.22	18.07
Profit After Tax (PAT)	610.10	637.69	481.18	396.75	321.55	273.79	235.07	194.24	185.27	172.33
Equity Share Capital	131.54	131.54	131.54	135.94	113.28	113.28	113.28	113.28	113.28	113.28
Reserves & Surplus	3846.03	3600.25	3200.54	3119.93	1915.30	1701.05	1447.79	1239.25	1062.42	898.41
Net Worth	3977.57	3731.80	3332.08	3255.87	2028.58	1814.33	1561.07	1352.53	1175.70	1050.83
Gross Fixed Assets	903.96	853.82	426.69	369.79	357.72	569.53	636.84	602.38	444.35	376.73
Net Fixed Assets	698.41	696.54	313.03	284.47	302.85	296.44	377.44	383.41	247.30	192.61
Number of Employees	1727	1710	1744	1781	1829	1671	1786	1751	1656	1900



## PERFORMANCE HIGHLIGHTS OF THE YEAR

**July 15, 2020**

Signed contracts with ASKO Maritime AS, Norway for construction of 2 Autonomous Electric Ferry with an option to build two more identical vessels.

**August 24, 2020**

Plate cutting of the aluminium hull of the hybrid electric passenger boats for Kochi Metro in the presence of Shri Alkesh Kumar Sharma IAS, MD, KMRL and Shri Madhu S Nair, CMD, CSL.

**August 27, 2020**

Delivery and Flag-off of 1 Marine Ambulance Boat for Department of Fisheries, Government of Kerala by Shri Pinarayi Vijayan, Hon'ble Chief Minister of Kerala through Video Conferencing.

**September 28, 2020**

CSL delivered 2 RO-RO Vessels for Inland Waterways Authority of India (IWAI).

**October 07, 2020**

Certified for GreenCo Silver Rating by the Confederation of Indian Industry (CII), becoming the first company in the Shipping Sector to bag GreenCo Rating.

**October 27, 2020**

CSL signed MoU with M/s. Fincantieri, Italy for co-operation in the areas of design, shipbuilding, ship repair, marine equipment manufacturing, besides training & skill development.

**November 12, 2020**

Launched 2 8000 DWT Mini General Cargo Ships for JSW Shipping & Logistics Private Limited by Smt. Rameetha K, Scientist 'G', NPOL (DRDO) w/o. Shri Madhu S Nair, CMD, CSL.

**November 12, 2020**

Launched 3 Floating Border Outpost Vessels for Border Security Force (Ministry of Home Affairs) by Smt. Rameetha K, Scientist 'G', NPOL (DRDO) w/o. Shri Madhu S Nair, CMD, CSL.

**November 12, 2020**

Keel laying of 2 8000 DWT Mini General Cargo Ships for JSW Shipping & Logistics Private Limited by Shri Madhu S Nair, CMD, CSL.

**November 25, 2020**

Plate Cutting of 2 ASKO Autobarge SP for M/s. ASKO Maritime AS, Norway jointly by Mr. Torbjorn Johannsan, Chairman of the Board of ASKO and Shri Suresh Babu N V, Director (Operations), CSL.

**November 30, 2020**

Successful completion of Basin Trials of Indigenous Aircraft Carrier (IAC) in the presence of Vice Admiral AK Chawla, PVSM, AVSM, NM, VSM, ADC, Flag Officer Commanding-in-Chief, Southern Naval Command and Shri Madhu S Nair, CMD, CSL.

**December 01, 2020**

Steel cutting of 1 Anti-Submarine Warfare Shallow Water Craft for Indian Navy by Vice Admiral G Ashok Kumar, PVSM, AVSM, VSM, Vice Chief of Naval Staff.

**December 23, 2020**

CSL signed MoU with Hooghly Cochin Shipyard Limited (HCSL), a wholly owned subsidiary of CSL, for the effective utilisation of resources and infrastructure facilities available at CSL Kolkata Ship Repair Unit and HCSL.

**January 28, 2021**

Vessel delivery and Flag-off of 2 Marine Ambulance Boats for Department of Fisheries, Government of Kerala by Smt. J Mercykutty Amma, Hon'ble Minister of Fisheries, Harbour Engineering and Cashew Industry, Government of Kerala.

**February 14, 2021**

Inauguration of new Marine Engineering Training Institute, 'Vigyana Sagar' of CSL by Shri Narendra Modi, Hon'ble Prime Minister of India.

**February 24, 2021**

CSL signed MoU with Dredging Corporation of India and IHC Holland BV, in the presence of Shri Mansukh L Mandaviya, Minister of State (I/C) for Ports, Shipping and Waterways, to make world-class dredgers.

**February 26, 2021**

CSL signed MoU with Robert Allan Limited, Canada for Design and Consultancy services for Tugs, Inland Vessels, Harbour Crafts and Specialized Vessels.

**March 05, 2021**

Commencement of block fabrication of 3 Anti-Submarine Warfare Shallow Water Crafts for Indian Navy.

**March 27, 2021**

CSL delivered 1 500 Pax passengers cum 150 Tons Cargo Vessel named 'Sindhu' for Andaman and Nicobar Administration.

**March 31, 2021**

Launched 1 Hybrid Electric Passenger Boat for Kochi Metro in the presence of Shri Alkesh Kumar Sharma IAS, MD, KMRL and Shri Madhu S Nair, CMD, CSL.

