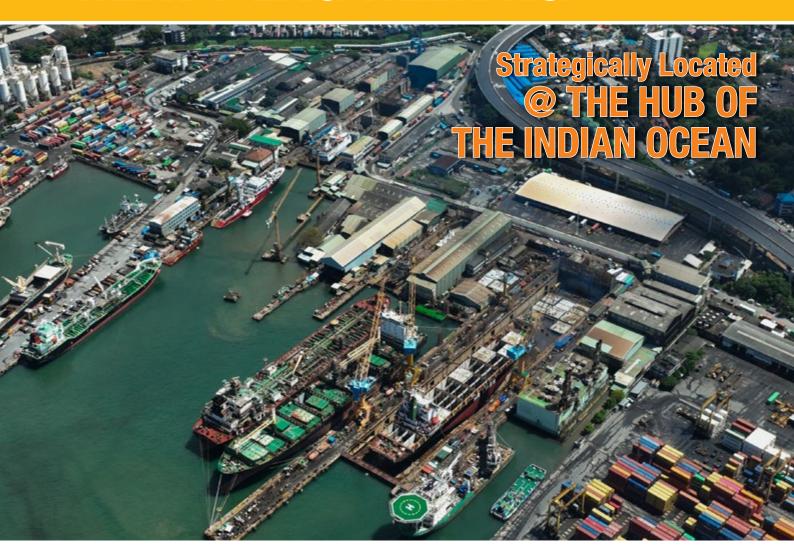
## **SHIPBUILDING**

# YEARS YEARS ANNIVERSARY 1974 - 2024

## **SHIP REPAIRS**

## **OFFSHORE & CONVERSIONS**

## **HEAVY ENGINEERING**





## **COLOMBO DOCKYARD PLC**

"...an Odyssey of Excellence"





### **Corporate Information**

Name: Colombo Dockyard PLC

Legal Form:

Public quoted company with limited liability.

A licensed enterprise of the Board of Investment of Sri Lanka

Registered Address & location: Port of

Colombo, Sri Lanka

Established: 1974

## **Key Strengths**

**Strategic Location:** Lying at the hub of Shipping lanes joining West and East

**Ship Repairs:** Over 200 vessels per annum generating US\$ 40-50 million

Afloat Repairs: Operates at all ports and anchorages in Colombo, Trincomalee, Hambantota and Galle

**Shipbuilding:** 4 specialised vessels per annum generating over US\$ 100 million

**Heavy Engineering:** Heavy steel fabrication over US\$ 10 million per annum

Over 50 years experience in Ship Repair, Shipbuilding and Heavy Engineering Sectors Operates 4 drydocks up to 125,000 DWT

Workforce of over 3,000 Sri Lankans

State of the art Machinery and Equipment

Heavy lifting capability up to 160 Tons

500 Ton Steel Press

**CNC Plasma Cutting Machines** 

150 Ton Self Propelled Transporter

Aerial working platforms

Combined Blasting and Painting Workshops with controlled conditions for application of specialised protective coatings

### **Certified To**

ISO 9001:2015

Quality Management System (QMS)

ISO 14001: 2015

Environment Management System (EMS)

ISO 45001: 2018

Occupational Health and Safety (OHS)

ISO 50001:2018

Energy Management System









## **The Company**









### **Cable Laying Vessels**

Cable Laying Vessels is one of the newest market segments we have entered. These are highly complicated vessels which are intended for subsea operations and cable installation and repair works of optical cables and power cables. For the handling of power cables, the tanks have been fitted with a carousel system with a spooling arm. These vessels have many special features including low resistance hull lines designed for speed and low fuel consumption and is diesel electric propulsion driven. These vessels are ecofriendly, enabling high reduction of harmful emissions, waste storage solutions, water ballast treatment, ecosubsea coating scheme etc. for the environmental protection and is capable of operating in 'emission control area'. The vessels are also designed with a special focus on good sea keeping ability and excellent station keeping ability.

We delivered the first Cable Laying Vessel (CLV) with a length of 113m to Japan in 2019. And in 2023 we created history by delivering the second Cable Laying and Repair Vessel (CLRV) "Sophie Germain" built for the European market. These remarkable accomplishments stamps our position as a leading player in the international market, earning a reputation for successfully delivering two highly sophisticated custom built Cable Laying Vessels within a short span of five years.





### **Bulk Carriers with Hybrid Technology**

Another important segment we are focusing on is the Bulk Carriers using Hybrid Technology. At present we are constructing a series of ten numbers Eco-Bulkers for a Norwegian client. These 89.95m long vessels are designed to hold a cargo capacity of 5000 DWT. The type of cargo they could carry includes bulk cargo, grain, timber, unit loads and containers. Each vessel is powered by 4 stroke diesel engine with an Electric Hybrid system supplying additional power through a Battery system. These vessels are developed as eco-friendly vessels, as they have lower emissions compared to a conventional Bulk Carriers of the same size.

The propulsion equipment consists of a controllable pitch propeller (CPP), which ensures flexibility under variable sailing conditions, and a bow thruster for improved manoeuvrability. An integrated energy management system (EMS) ensures that the various elements are optimally integrated for maximum benefit. The concept and the basic design of the innovative Bulk Carriers were developed by Wartsila Ship Design Norway AS and the detailed designing is carried out by CDPLC. These vessels are built to DNV classification society standards and Norwegian Flag state requirements.







### **Offshore Support Vessels**

We are recognized as a specialist in the construction of vessels for companies engaged in providing Offshore Oil & Gas field services, in the oil and gas exploration and production domain. Our products range from 80 - 200 Ton Bollard Pull Anchor Handling Tug Supply Vessels, Multipurpose Platform Supply Vessels, Platform/ Remotely Operated Vehicles Support Vessels, Crew Boats to name a few.

Over the recent past, we have delivered more than 24 Offshore Support Vessels to Singaporean and Indian Ship owners and all vessels built by Colombo Dockyard, has been able to secure charters immediately the vessel is delivered to the owners. These Vessels have been charted to oil majors such as PETROBRAS of Brazil, PETRONAS of Malaysia, SHELL of Netherlands, INPEX of Japan to name a few. In some instances, Colombo Dockyard built vessels have been the Charterer's preferred choice due to the Vessels reliability and high levels of crew comfort provided in these class of vessels.





### **Passenger Vessels**

On the Passenger transportation sector, we specialise in the construction of Passenger Vessels meeting stringent passenger vessel rule requirements and recently built and delivered two 400 Passenger cum 250 Ton Cargo Vessels MV CORALS and MV LAGOONS for the Union Territories of Lakshadweep Administration Government of India. 99 meter in length this vessel has created history by being the biggest ocean going passenger vessel to be built in Sri Lanka.

Prior to delivery of these vessels, we successfully delivered two numbers 250 Passenger cum 100 Ton Cargo Vessels (MV ARABIAN SEA & MV LAKSHADWEEP SEA) for the same client.

All these Vessels were designed for the carriage of Passengers and general cargo, between the Mainland and Lakshadweep Islands and operate in the inter-island routes. These Vessels have greatly eased the congestion and provides an uninterrupted service for passengers and freight from Cochin to Lakshadweep islands, a journey which usually takes around 20 hours.





### **Harbour Tugs**

We also specialise in the construction of Harbour Berthing and Towing Tug Boats, having built fleets of Tug Boats ranging from 5 to 65 Ton Bollard Pull capacity equipped with State of the Art Azimuth Propulsion Package.

Incidentally, all Tug Boat requirement of the Sri Lanka Ports Authority have been met by us. In addition, three numbers 58 Ton Bollard Pull Tug Boats for the Jeddah Ports Authority of the Kingdom of Saudi Arabia were constructed and delivered by us during the recent past.





## Rescue & Coast Guard Vessels

Another sector that we have developed expertise is, in the building of aluminium hull high speed boats for Rescue and Coast Guard applications. During the recent past, we designed, constructed and delivered one of the most effective and highly maneuverable aluminium alloy hull fast coast guard vessels, developed in the recent times for local and international clients.

On a similar note, we have also contributed to develop the Maldivian Coast Guard fleet. We constructed and delivered a large number of Vessels for the Maldivian Coast Guard ranging from 24 m Coastal Surveillance Vessels to 42 m Offshore Patrol/ Fisheries Protection Vessels.





### **Work Boats**

We also specialize in the construction of specialized Work Boats. Recently we constructed a Buoy Tender Vessel (BTV) for the use by a middle eastern Port. The twin screw Buoy Tender Vessel is used for operation in unrestricted waters and is designed and built for multi-purpose roles such as, to retrieve & launch marine navigation buoys, provide repair and maintenance to marine navigation buoy, transport marine navigation buoys and/or spare parts, transport general cargoes etc.

Along with the BTV project, another type of specialized Catamaran hull Pilot Station Vessel (PSV) was constructed and delivered to the same client. This Pilot Station Vessel can perform multi-purpose roles, such as Transport Pilots and Provisions, Provide Pilots with Accommodation Services, Provide Station and Necessary Support for Pilot Boats etc. in unrestricted waters. Both vessels built to be operated in the middle east, special consideration has been made to select machinery and equipment capable of withstanding the harsh terrain encountered in the operational area.

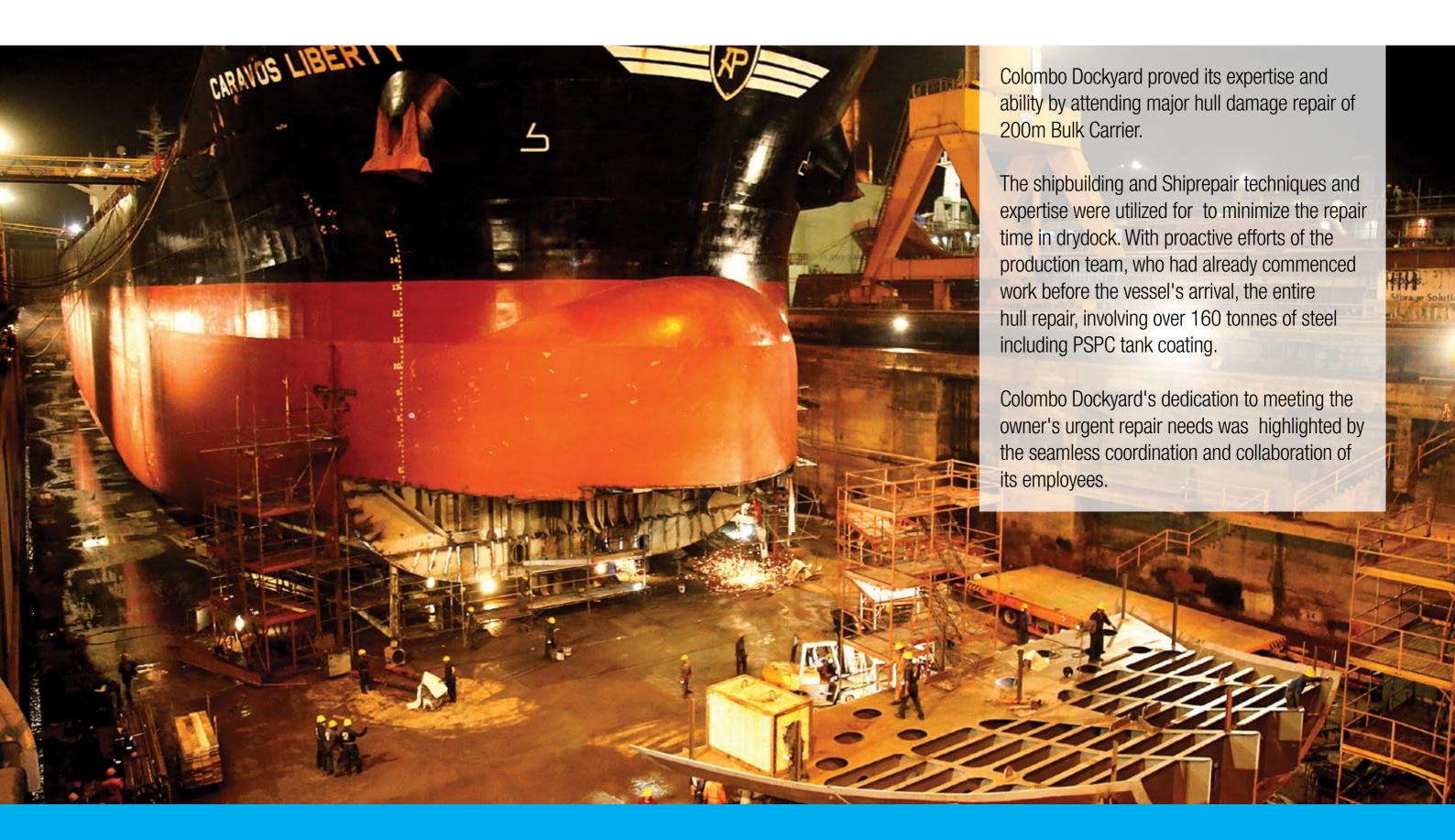
Also within the Work Boat category, we recently built and delivered Pilot Launches to local ports authority and a regional port in India. These Pilot Launches were designed by MACDUFF Ship Design Ltd of Scotland and these Pilot Launches serve to transport pilots from shore to ship. It can accommodate a total number of 8 persons including 4 crew members and 4 pilots and it can achieve a service speed of 22 knots. These Pilot Launches are designed to hold a high degree of stability and comfort in all weather conditions and these Pilot Launches will provide a stable platform during embarking and disembarking Pilots. These Pilot Launches are equipped with state of the art machinery and equipment developed for this type of launches world-wide, which are of proven type with high dependability, durability and suitability for the intended purpose.











### **Specialised Tanker Care**

The Colombo Dockyard has a colorful history in providing a full spectrum of repairs to all types of tankers from Crude Oil, Product, Chemical to LPG Carriers including Very Large Gas Carriers (VLGC). Full Service repair facilities have been the key attraction for owners calling Colombo. The Yard can comfortably accommodate tankers up to Aframax Size in Dock No. 04. (125,000 DWT). Fully equipped workshops are geared to handle machinery and equipment repairs on sophisticated tankers. Specialised cryogenic workshop facilities are available for LPG carrier related repair requirements.

The key regional players to patronize Colombo in the recent past are Shipping Corporation of India, GreatEastern Shipping Ltd - India, Sanmar Group - Inida, Arya Group - India, Doehle Danautic India Private Ltd, Seven Island Shipping Ltd - India, Integrity Ships Pvt Ltd - India and Castle Ships Pvt Ltd (Ind-Aust) - India.

Global players to patronize Colombo: Thome Ship Management - Singapore - Owned by Marinevest Shipping - Sweden, Tanker Pacific Management Pte Ltd - Singapore, Bernard Schulte Ship Management - Cyprus, Dileton Maritime S.A. - Greece, Ionia Management S.A. - Greece, Stolt-Nielsen Transportation Group B.V / Makino Kaiun Co. Ltd Japan., Qatar Navigation, Wilhelmsen Ship Management - Malaysia, Foresight Group - UAE, State Trading Organization Maldives, Ardmore Shpping - Singaporeand Fuel Supplies Maldives.









### **Container / Bulk / Cement Carrier Care**

The shipyard has developed its infrastructure to provide a fast turn-around time for Container / Bulk / Cement Carriers. Specialised care is extended to ensure quality coating work and related repair requirements for this sector of vessels. Global container operators to patronise Colombo: Maersk AP Moller, Pacific International Lines (PIL), Orient Express Lines (OEL), Rickmers Shipmanagement GmbH & Cie. KG - Germany, Costarmare Group / V. Ship - Greece, SeaChange Maritime Pte. Ltd - Singapore, Shreyas Shipping - India, TCI Seaways Ltd - India and Straits Orient Lines (SOL) - Singapore.

The bulk carrier operators with fleet terminating cargo operations in the Indian subcontinent, has a definite advantage of utilising Colombo. The strategic location of Colombo at the hub of marine routes for these segments is critical as minimal diversion from trading routes give the advantage to the client. Global bulk carrier operators to patronise Colombo: Safety Management Overseas - Greece, Synergy Group / Synergy Maritime Private Ltd - India, PACC Ship Managers PTE Ltd - Singapore, Tata NYK Shipping Pvt Ltd - India, Shipping Corporation of India, Executive Ship Management - Singapore, Apeejay Shipping - India and State Trading Organization Maldives.

Cement carrier owners have found Colombo convenient and economical for their drydocking repairs and maintenance. Intership Navigation - Cyprus, KC Maritime - Hong Kong, Great Circle Shipping Agency Ltd - Thailand and Anglo Eastern Shipping - India have been regular callers.







### **Dredger/ Specialized Offshore Vessel Care**

The strategic location of the shipyard in close proximity to many dredging hot spots in the regional waters attracts the top dredger operators for their repair and maintenance requirements. Colombo's strength in handling machinery and equipment servicing has been an advantage exploited by these owners. The key players in the industry Dredging International - Belgium, Van Oord - Netherlands, Boskalis International - Netherlands, Dredging Corporation of India - India and Hyundai Engineering & Construction Co. have worked closely with Colombo in the recent past.

The shipyard has evolved to provide sophisticated and safe service levels to the offshore sector over the years. Full range from Mobile Offshore Drill Units, Well stimulation Vessels, Cable Laying Vessels to Diving Support Vessels had been serviced successfully encompassing a wide spectrum of repairs from routine to major retrofits. The Yards experience and professionalism has been the winning formulae to meet the required offshore industry requirements and owners stringent standards. The regional operators Oil and Natural Gas Corporation of India, Bourbon Offshore - France, Tide Water - USA, Seamec Ltd - India, Great Ship Ltd - India, Great Offshore Ltd - India, Siem Offshore - Norway, Louis Dreyfus Armateurs - France and Hal Offshore - India are few of the regulars patronising Colombo.









### **Passenger Vessel Care**

The location of Colombo has proved to be excellent to serve the passenger vessels calling the Maldivian and Seychelles waters; advantageous for owners to lay-up and repair the vessels during the off-peak times. The Dock No. 03 (9,000 DWT) and Dock No. 01 (30,000 DWT) are ideal for handling these vessel types comfortably.

Colombo had recently handled major layup repairs to super yacht MV. Lauren L managed by Titan Fleet Management, France and S/Y Pangaea owned by Hill Robinson International Inc. USA was handled for her drydocking related repairs.

MV Logos Hope managed by OM Ships International has been a regular caller to Colombo for her drydocking related repairs.





# Propeller shaft removal and inspection of 200m Bulk Carrier without drydocking RAPID RESPONSE AFLOAT REPAIR SERVICES (RRARS) is set up to provide the discerning ship owners/ship managers with fast response and reliable repair services. This service was established to ensure a relaxed and secure sailing in Indian Ocean by handling challenging repair works while strongly adhering to health and safety regulations.

### RAPID RESPONSE AFLOAT REPAIR SERVICES

Sri Lanka's strategic location in the Indian Ocean has made it a vital marine hub for millennia, facilitating trade, shipping, and essential services. Ship Repairing is added to Sri Lanka's Marine portfolio from 1908 where the graving docks in Colombo Port was established by the Royal Navy.

In response to increasing demand, Colombo Dockyard inaugurated the Rapid Response Afloat Repair Services (RRARS) in May 2019. With the backing support with 3,000 workforce, access to fully fledged shipyard facility and workshops, RRARS quickly gained prominence in Indian waters in planned and emergency repairs. Also RRARS became an opportunity to taste how Colombo Dockyard blends high quality, timely delivery and competitive rates in their repair solutions so the Afloat Repair experience extends for docking surveys too. Today RRARS is evolved to a one stop solution with underwater repairs, rope access and riding crew connecting specialists, OEMs, ship surveyors, port berths, local Agencies, Chandlers etc.

Expanding its reach, RRARS opened branch offices in Hambantota and Trincomalee Ports for better coordination of repairs at all ports, anchorage and voyage repairs. Recognizing the continuous ship-repair demand, Colombo Dockyard is establishing its first outstation workshop facility at Hambantota Port in 2024 assuring safe sailing in Indian waters.

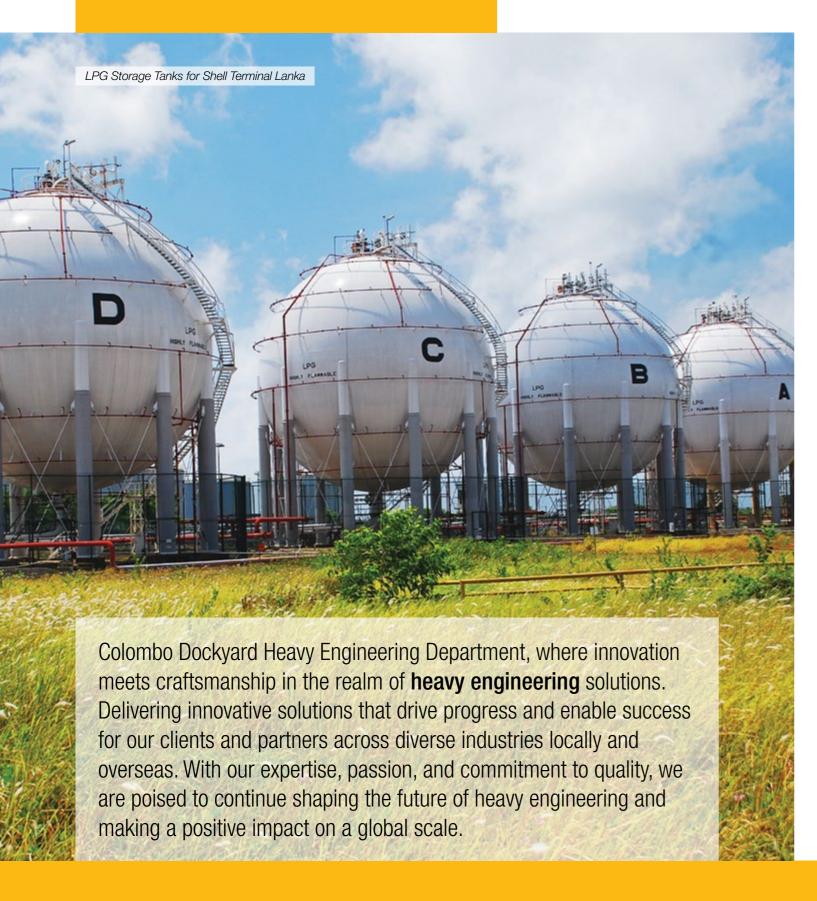








## **Afloat Repairs**



# **Heavy Engineering**

### **Infrastructure Development**

The Heavy Engineering division specializes in designing, fabricating, and installing underwater and heavy steel structures. We excel in marine fender installation and repair, Design, Fabrication of Pressure Vessels, fabrication of slipway structures, non-destructive testing, servicing and proof load testing of lifting equipment. With precision and expertise, we deliver top-quality solutions tailored to meet the unique needs of each project, ensuring durability, safety, and reliability.

With an extensive technical know-how & experience gained from a proud & distinguished history of more than four decades, DGES, a fully owned subsidiary of Colombo Dockyard PLC, is dedicated to perfection and committed to deliver quality products and services on time, in the fields of civil, mechanical and electrical engineering from design and construction, including value added services and value engineered services especially for petrochemical, mini hydro power, mega power, building, irrigation, heavy structures, infrastructure development, and marine construction sectors.











#### **Heavy Engineering (Overseas)**

#### Samantha Senaratne

Manager (Heavy Engineering Projects)
Tel: +94 11 242 9000 (1542)
Mobile: +94 77 732 2674
E-mail: samanths@cdl.lk

**Heavy Engineering (Domestic)** 

S. D. Gilbert
General Manager (DGES)
Tel: +94 11 211 0510
Mobile: +94 77 731 5019
E-mail: sdgilbert@dges.lk
www.dges.lk

### **Workshop Facilities**

The shipyard owns the biggest collection of heavy steel processing and welding machinery in Sri Lanka. Shipyard piers and all workshops have ancillary services such as oxygen; acetylene, compressed air etc. and powerful illumination system to ensure to carryout fabrication work day and night.

- The yard is fully geared and equipped for carrying out heavy fabrication work in steel and aluminium and has a capacity to process 7000+ tons of steel per year.
- Production area is equipped with latest machinery and technology including lifting facility (overhead cranes & swing Arm cranes). An area of 9,400 m<sup>2</sup> is allocated for ship repairs, while 10,680 m<sup>2</sup> area is allocated for shipbuilding operations.
- Shipyard boasts of weather protected production area 7,000 m<sup>2</sup> with moving facility (traveling shed) to use shore cranes for production, mainly for shipbuilding.
- Performance standard for protective coatings (PSPC) workshop of 580 m² - Climate and dust control in house blasting and painting facility mainly for shipbuilding units.
- Workshop area allocated for support services 2,660 m², while dedicated cryogenic workshops are also available.





### Corporate Head Office

This is the corporate decision making center of the Shipyard, where strategic plans are made and corporate decisions taken. It houses the Business, Finance, Design, Information Communication Technology functions to enable close monitoring of the ongoing projects.

The Superintendents offices are also located on the 3rd floor, for smooth interaction with the Ship Management/ Commercial teams.



## Hill Crest Bungalow

Located in close proximity to the shipyard, the guest house provides comfortable accommodation to clients. Acts as the meeting point for business interaction with fully equipped meeting rooms.

Hill Crest Bungalow No. 3A, Hill house Gardens, (Off Dockland Junction) Colombo 15, Sri Lanka.

Telephone: +94 11 252 2200



## **Facilities**



#### **Strategic Location**

The Shipyard's strategic geographic location at the intersection of main sea routes.

#### **Proven Success Story**

Celebrated 50 years anniversary on 1st of August 2024 of successful continuing legacy.



#### **Quality Workmanship**

Quality workmanship and skilled work force / ISO 9001:2015 accredited Quality Management System by LRQA.

#### **Experienced Workforce**

An experienced shipyard workforce with quality training from approved OEM workstations.

#### **Drydocks Upto 125,000 Dwt Capacity**

Four graving drydocks, with maximum capacity up to 125,000 DWT (263 Meters x 44 Meters Aframax size) and fully serviced repair berths.

#### **Faster Turn Around Time**

Proven experienced and professional approach to ship repairs to provide faster turnaround time coupled with the natural geographic advantage / minimal diversion from main sea routes.

#### **Highly Competitive Rates**

Regionally competitive ship repair rates to meet with owners budgets and no last minute surprises.

## Quality, Occupational Health, Safety and Environment

Colombo Dockyard considers Occupational Health & Safety (OHS) to be a core value in all its operations. It is held at highest priority in our odyssey of Excellence.

#### Certified to:

ISO 9001: 2015 - Quality Management System (QMS)
ISO 14001: 2015 - Environment Management System (EMS)
ISO 45001: 2018 - Occupational Health and Safety (OHS)
ISO 50001: 2018 - Energy Management System

The OHS team is led by Management Representative (MR) and supported by a highly dedicated team of engineers and supervisors, who strive towards OHS excellence in the group.

The OHS team comprise of fully trained and competent personnel including, Gas and Safety Inspectors, first aiders and trained Fire and Emergency Response Team.

## Duty Free Ship Spares & Fast Customs Clearance

Ship spares are duty free/Fast custom's clearing, within 4-6 hours in the yard. Green Channel customs clearing for ship spares.

#### Fully Integrated Network for Ship Spares by Air and Sea

Speedy network for Urgent spares: Daily flight connections from all major supply hubs, as Sri Lanka / Colombo is a major tourist destination for European and Far East tourists.

## Exclusive Classification Society Presence in Colombo

Exclusive classification society representation in Colombo. LRS, ABS, Class NK, BV, DNV-GL, IRS & INSB.

## Marine Paint Suppliers are Represented in Colombo

All major marine paint suppliers are present in Colombo. PPG /Sigma, Hemple, International, Jotun, CMP, Nippon, KCC etc.

## Shipyard is Located Close to the City Center

Shipyard is located within 15 minute drive from the City Center inside the Port of Colombo.

#### **Professional Blasting and Coating**

Nam Premator operates (since 2001) as our main contractor for blasting and coating work. International quality surface preparation and coating services available at your disposal.



#### **Awards and Recognition**

Ranked within the Top 10 organisations in the country. Ranked amongst Asia's Best 200 under a billion US \$ by Forbes.



#### **Accommodation in Colombo**

All Five Star Hotels are located in the City Center, 15 minutes drive from the shipyard. Reputed Star Class Hotels are available in Colombo. These hotels can be booked online.

## Why Colombo Dockyard?

#### Marine Sector OEMs, Class & Other Back-Up Services Established In Colombo



#### MAN Diesel & Turbo SE, Augsburg Germany

has recently established their own office headed by a GM from Germany with one Service Engineer & is in the process of developing their facility. They would assist us in all our Spares/Service Engineer requirements.



has a fully fledged service outlet since 2004 with fully equipped workshop & trained service engineers who can cater overhaul, ash blasting, balancing & re-blading of ABB/BBC/IHI turbo charges.

#### **CATERPILLAR®**

has a fully fledged work shop with trained service engineers.



has a fully fledged work shop with trained service engineers.

#### Life Boats & Davits

Presently, there are five locally established companies representing various OEMs. Others can be deployed from Chennai.













Siemens Ltd, Bosch, Detroit MTU, Atlas Copco, Ingersol-Rand, Thordon, Schneider offers trained technicians & an approved work shop in Colombo.

Bridge Navigation and Radio Equipment for following OEM's are represented in Colombo

















Furuno Electric Co., Ltd., Japan Radio Co. Ltd., Tokyo Keiki., Koden, Yokogawa, Kelvin Hughes UK Ltd., Icom, Samyung / Korea, Raytheon Anschutz / Germany are represented by agents, holding service team & spares.

Also the following manufacturing companies are approved for SVDR/- VDR, APT; Kelvin Hughes / Japan, Ruttel Technologies Incoporation/- Canada, Netherland. In addition to the above, Thrane & Thrane, Simrad, Skipper, Skanti, Sperry, Sailor, Imcos, C-Plath, Navico and Decca are also available.











#### Marine Paint Suppliers

all reputed marine paint suppliers including PPG Coatings (Sigma), Akzo-Nobel (International), Hempel, Chugoku(CMP) and Jotun.

















#### Classification Societies represented in Sri Lanka

ABS, DNV-GL, LR, BV, NK, IRS, RINA & INSB has full time offices in Colombo, manned with exclusive surveyors.

#### **Certifications & Accolades**



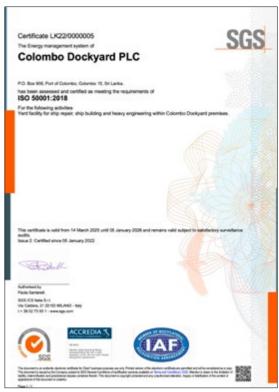
ISO 9001:2015 QMS Certificate



The green Channel Facility Certification



ISO 14001: 2015 - ISO 45001 - 2018 Certificate.



ISO 50001:2018 EMS Certificate

## **OEMs in Colombo**

## **Our Standard**

## **Yard Layout**

Drydock No.	Length (M)	Breadth (M)	Depth (M)	Capacity (Dwt)	Cranage (T)
Drydock No. 4	263	44	8.9	125.000	70
,				-,	
Drydock No. 1	210	26	9.7	30,000	160
Drydock No. 2 (Shipbuilding)	110	24	6.7	9,000	160
Drydock No. 3	122	16	5.5	8,000	20



#### Ship Repair

Darshana Chandrasekera Asst. General Manager (Ship Repair Business) E-mail: darshanc@cdl.lk Mobile: +94 777 390108

#### Amila Rukshan

Asst. Business Manager (Ship Repair Marketing) E-Mail: rukshan@cdl.lk Mobile: +94 776 567 428

#### Shipbuilding

Prince Lye Head of Shipbuilding Marketing E-mail: princel@cdl.lk Mobile: +94 777 730220

Tel: +94 11 2 429 000 Fax: +94 11 2 471 335

+94 11 2 446 441 E-mail: coldock@cdl.lk Web Site: www.cdl.lk

**Emergency Repair Hotline** +94 765 911 911