



CELESTIAL TECH

Since 2001

Sea of Solutions

COMPANY PROFILE



Who we are

Celestial Tech Ltd was established in 2001 with an aim to be a fully integrated solution provider for the maritime and industrial market involving power generation and off-road machineries. Presently we are the market leader in providing design, material, equipment and complete propulsion solution for any ships/boats, hydrographic survey including oceanographic research. We take pride to accompany our customers throughout the lifecycle of products and systems supplied in order to enable the customers to run their business and duty more effectively. Our Core competency is the ability to source an array of equipment, components, assemblies, subassemblies and integrate them for specific customer applications.

The idea of forming CTL originated from the responsibility of Mr Shahin an ex-naval officer of the Bangladesh Navy to serve the maritime industry of Bangladesh. It was established in a small office in Mirpur while Mr. Shahin was busy with managing the family-owned textile factory as a director and simultaneously working hard to shape CTL. The primary focus of the business was on the Navy and Coast Guard, which has now spread to all the maritime institutions and industrial market of Bangladesh. The Company has gradually grown into a sizeable player in the market with three offices in Dhaka, Chattogram and Hatia having nationwide service network. The company is run by about 100 people where almost 60% of them are engineers or technical experts.

Celestial Tech is a ISO & TRACE Certified Company.



Philosophy

Celestial Tech Limited's philosophy is to source products of highest standard from carefully selected overseas manufacturers for the Bangladesh marine and power & energy industry. The Company develops custom solutions to the specific requirements of the ship builders, system integrators and owners of the marine or power & energy systems. Our core competency is the ability to source an array of electronic and mechanical equipment, components, assemblies, and sub-assemblies and to integrate them into complete systems solutions for the specific customer application and requirements. We closely work together with ship owners and ship operators in the marine sector and with factories and IPPs in the energy & power sector to understand their performance requirements and operation philosophies and develop solutions that will allow them to successfully complete their projects.

Celestial Tech Limited understands that the products and systems provided by the Company to our customers are serving a purpose to enable the customers to run their business and duty more effectively and accompanies the customers throughout the life cycle of the products and systems sold. Celestial Tech Limited puts a high emphasis on the ability for servicing the products sold with the purpose to ensure the highest operational availability level technically possible. The factory trained service technicians and the workshops established by CELESTIAL TECH LIMITED in Bangladesh ensure the service capability for the local market.



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Our Vision:

Our vision is to be recognized as the preferred industry leader, renowned for our commitment to excellence, reliability, and cutting-edge solutions. By fostering strong partnerships and promoting sustainable practices, we envision a prosperous and sustainable future for the maritime sector in Bangladesh.



Our Mission:

We are a dynamic engineering service provider specialized in the field of ship building, hydrography, oceanography, marine fishing, propulsion system, navigation and communication system, power generation and distribution system. Our mission is to provide our customers with the best possible products and services, and to support them succeed in their businesses. The specific missions are:

- To prioritize sourcing from top-tier manufacturers and delivering custom solutions in respect of offering high-performance ships and tailored propulsion system and equipment packages that meet the specific needs of shipbuilders and owners.
- To foster collaborative partnerships with shipyards, designers, and owners to ensure the successful execution of projects and, ultimately, the utmost satisfaction of our customers.
- To lead the market of hydrography, oceanography and marine fishing sector in Bangladesh
- To be the driving force behind the advancement of the maritime industry, delivering excellence and innovation with every project we undertake.



Our Core Businesses



1. Shipbuilding Solutions



2. Boats and Outboard Motors



3. Diesel Engine and Propulsion Machinery



4. Marine Navigation and Communication Equipment



5. Marine Safety Equipment and Clothing



6. Hydrography and Oceanography Equipment



7. Marine Generators, Compressors and Air Conditioners



8. Off-road Material Handling Equipment



9. Fish Finders and Fishing Sonars



10. Gas and Diesel Industrial Generators



11. Electrical Design Services & Power Distribution System (Marine & Industrial)



12. Industrial Compressors (10 to 500 bar)



Our Clients:

Government Organizations



Bangladesh Navy



Bangladesh Army



Bangladesh Coast Guard



Border Guard Bangladesh



Rapid Action Battalion



BIWTC-Bangladesh Inland Water Transport Corporation (BIWTC)



BIWTA-Bangladesh Inland Water Transport Authority (BIWTA)



Bangladesh Shipping Corporation



Chittagong Port Authority



Mongla Port Authority



Payra Port Authority



Bangladesh Water Development Board



Roads And Highway Department



River Research Institute



Center for Environmental and Geographic Information Services



Our Clients:

Shipyards

Dockyard & Engineering Works Ltd.	Khulna Shipyard Ltd.
Akoh Boat Builders Pvt. Ltd.	Three Angle Marine Ltd.
FMC Dockyard Ltd.	Karnafuly Ship Builders Ltd.
Ananda Shipyards & Slipways Ltd.	Radiant Shipyard Ltd.

Industrial (Total 150)

Desh Bandhu Group	National Development Engineers Ltd.
Crown cement Concrete & Building Products	Milontika Engineering Services Ltd.
Saif Power Tech	Rahimafroz Energy Services Ltd.
Shah Cement Ready Mix Concrete	Vertex Innovative Apparel Ltd
Noman Group	Sweatertech Ltd
Summit Alliance Port Ltd	Fashion Step Ltd
Energypac Limited	Universal Technological Services
Linktex Sportswear Ltd.	A.k Accessories Pvt Ltd
New Age accessories Ltd	KDS Logistics Ltd
Sinopec Co	HKD International
Sim Power	SG Oil Refineries
Sereni Enterprise Limited	Cross World Ltd
Shangu Tex Ltd	South power Solution
Paolo Footwear Ltd	Vector Power Ltd
Amaze Corporation Ltd	Spectra Engineering Ltd
Abdullah Auto Mills	ZNA Infra

Industrial (Total 150)

ABC Holdings Ltd	Crescent Hospital
Nawhata Jute Mills Ltd	Carew and Co Ltd
People Hatchery Ltd	Green Planet Resort
Shanta Holdings Ltd	Sterling Laundry Ltd
Data Edge Ltd	Toma Construction Ltd
Hop Lun BD Ltd	Rangpur Foundry Ltd (RFL)
M/S Sadia Afia Simi	Osman Group
Banglamark Group	Earth Moving Solution
Mazidsons Construction limited	Mir Concrete Products Limited
Faridpur Sugar Mill	BM Container Depot Ltd
Vertex Off Dock Logistics Ltd.	Ispahani Summit Alliance Transport Ltd.
Port Link Logistics	Esack Brothers Container Depot.
Metrocem Cement Limited	Regency Three Ltd.
Navana Interlink Ltd	Rancon Motors
Luna Accessories	Bangladesh Shooting Sports Federation
Dhaka Thai Ltd	Rashique Textile Mills Ltd
Masco Industries Ltd	Nuruzzaman Biswas Group
BRB Cable Industries Ltd	Lalon CNG and Filling Station
Abdul Monem Ltd	Akij Group

Other Customers:

AB sweater LTD	Equity Properties Management LTD
Milk Vita etc.	Mind Share
Avijatricks Foundation	M.S Polok International
Petromax LPG Limited	NZ Trading Bangladesh
First S.S Enterprise (PVT) Ltd.	Omera LPG Limited



Our Key Successes

- We are the pioneer of building aluminum Boat in DEW for BCG in 2011.
- We are the pioneer for converting Navy Mine Sweeper to a Hydrographic Survey ship.
- We introduced state of the art technology such as multibeam echo sounder in Bangladesh in 2009.
- We have introduced navigation and communication equipment in artisanal fishing boats.
- Our Warehouse is stacked with readily available world class spares, accessories and stores.
- We have never failed for providing after sales service on time and anywhere.
- We respect Woman empowering by ensuring $\frac{1}{3}$ rd of our team members are female.
- We create Job opening for fresher as well as qualified retired personnel.



Important Milestone

2001

Establishment of Celestial Tech Ltd

2004

Entry into the market of marine electronic business by providing echo sounder to BN

2009

Pioneer to introduce state of the art technology such as multibeam echo sounder in Bangladesh

2011

- Entry into building high speed boats by providing aluminum boats to BCG
- Distributor of MERCURY products

2013

Entry in the industrial fishing sector by selling Hull Sonar and Net Sonar to fishing trawlers

2014

- Establishment of service center in Chattogram
- Establishment of warehouse

2015

Entry in artisanal fishing sector by selling first Echo Sounder to a wooden fishing boat in Kutubdia Island

2016

- Distributor of VOLVO Penta products
- Augmentation to Hydrography and Oceanographic sector

2020

- Distributor of Hamilton Jet products
- Distributor of Bayliner products
- Distributor of Safe Boat products

2023

- Installment of nav-com equipments to 124 artisanal fishing boats
- Initiate the process to build 09 meter Hydrographic Survey boat



Major Sales Reference

SHIPS/BOATS					
SN	Type	Description	Qty	Client	
1	Inflatable Boat	QS 430XS HD HYPALON with 40 HP OBM	05	BCG	
2	Harbor Patrol Boat	19m Aluminum Hull	01	BCG	
3	High Speed Boat	14m FRP	08	BCG	
4	Hydrographic Survey Boat	15m Steel Hull	04	CPA, BWDB	
5	Survey Ship	27m Steel Hull + Aluminum Superstructure	01	PPA	
6	Rigid Hull Inflatable Boat (RHIB)	Brunswick IM 750	01	Marine Fisheries Academy	
7	High Speed Boat	18m Aluminum	06	BCG	
8	Survey Boat	7.6m Aluminum Hull	01	WDB	
9	Survey Boat	7.9 Fiberglass Catamaran	01	WDB	
10	Work Boat	15m Aluminum Hull	02	PPA	
11	Tugboat	16.3m, 7 tons BP, Steel Hull	05	BIWTA (On going)	
12	Tugboat	28m, 12 tons BP, Steel Hull	10	BIWTA (On going)	
13	Tugboat	28m, 25 tons BP, Steel Hull	02	BIWTA (On going)	

MARINE ENGINE					
SN	Name of Product	Brand	Qty	Total Qty	Client
1	Marine Engine	MAN	46	389	BCG, BIWTA, R&H
		Volvo Penta	110		BN, BCG, BIWTA, PPA
		Mercury	161		BN, Army, BCG, R&H, WDB, Amazing Funfest
		CMD	04		Fire Service & Civil Department
		Sole Diesel	02		CPA
		Mitsubishi	06		PPA, BIWTA
		Weichai	60		DMB

MARINE GENERATOR					
SN	Name of Product	Brand	Qty	Total Qty	Client
1	Marine Generator	Volvo Penta	22	138	BIWTA, BIWTC
		Nanni	53		BIWTA
		Sole Diesel	51		BCG, CPA, PPA, BIWTA
		MAN	02		BIWTA
		Whisper Power	02		BWDB
		Cummins ONAN	02		BCG
		Beta Marine	06		BIWTC



Major Sales Reference

COMPRESSOR					
SN	Name of Product	Brand	Qty	Total Qty	Client
1	Marine Compressor	Sauer	54	55	BN, Bangladesh State Power Generation, Bangladesh Shipping Corporation, Peaking Power Station, Eastern Refinery, Energypac, Biman
		Nardi	01		BN
WATER JET PROPULSION					
SN	Name of Product	Brand	Qty	Total Qty	Client
1	Water Jet Propulsion	HamiltonJet	35	37	BN, BCG
		Doen	02		BCG
MARINE PUMP					
SN	Name of Product	Brand	Qty	Total Qty	Client
1	Marine Pump	Gianneschi	432	460	BIWTA, BCG, PPA
		Jabsco	14		BCG, PPA
		Rule	14		PPA, BCG
NAVIGATION EQUIPMENTS					
SN	Name of Product	Brand	Qty	Total Qty	Client
1	Navigation Radar	Furuno	11	68	BN, BIWTA, CPA, Fishing Vessels, Inland Vessels
		SIMRAD	06		
		ICOM	51		
2	Inertial Navigation System (Gyro Compass)	Sigma 40 Safran Electronics	09	09	BIWTA, BWDB, BN
3	Echo Sounder	Koden	02	114	BN, BIWTA, CPA, Fishing Vessels, Inland Vessels
		JMC	59		
		HONDEX	53		
4	GPS	Furuno	133	187	BCG, Khulna Shipyard, Inland Vessels, Fishing Vessels
		JMC	50		
		SIMRAD	04		
5	DGPS	Furuno	09	82	BIWTA, PPA
		SIMRAD	73		



Major Sales Reference

HYDROGRAPHY & OCEANOGRAPHY					
SN	Name of Product	Brand	Qty	Total Qty	Client
1	Single Beam Echo Sounder (Hull Mounted)	Knudsen	01	16	BN, BIWTA, CPA, PPA
		Kongsberg	05		
		Teledyne	10		
2	Single Beam Echo Sounder (Portable)	Knudsen	08	45	BN, ARMY (DMB), CEGIS, PPA, BIWTA, CPA
		Kongsberg	32		
		Teledyne Odom	05		
3	Multi Beam Echo Sounder (Hull Mounted)	Norbit	03	13	BN ,BIWTA, CPA, PPA, BWDB
		Kongsberg	08		
		Teledyne Reson	01		
		Geoacoustic	01		
4	Multi Beam Echo Sounder (Portable)	Norbit	03	06	BN, BIWTA, BWDB
		Kongsberg	03		
5	Side Scan SONAR	Klein	04	04	BN, CPA, BWDB
6	GPS & GNSS	Kongsberg	03	61	BN, BIWTA, CPA, PPA, BWDB
		Hemisphere	58		
7	Sub Bottom Profiler	Geoacoustics	03	03	PPA, BWDB
8	Tide Gauge	Valeport	05	07	BN, CPA, MPA
		RBR	02		
9	Sound Velocity Profiler	Valeport	18	18	BN, BIWTA, CPA, PPA, MPA
10	Hydrographic Software	QPS	24	36	BN, BIWTA, CPA, PPA, BWDB
		Hypack	04		
		Caris	05		
		Chesapeake	03		
11	Meteorological Buoy System	AXYS	02	02	CPA
12	Acoustic Doppler Current Profiler	Nortek	01	02	BN, CEGIS
		Teledyne	01		
13	Conductivity, Temperature and Depth (CTD) Recorder	Idronaut	02	02	BN
14	Current Meter	Valeport	08	08	CPA, PPA, BIWTA, CEGIS
15	Total Station	Leica	02	10	ARMY, BWDB, CUET
		Stonex	08		
16	Level Machine	Leica (Automatic)	10	14	LGED, BWDB
		Trimble (Digital)	04		
17	TDS Meter	Xylem	15	15	BWDB
18	Water Quality Sonde	Aquaread	01	01	BWDB
19	Hull Mounted SV Sensor	Norbit	03	03	BN, CPA
20	Portable SV Sensor	Norbit	01	01	BN
21	Photo Theodolite	Leica	01	01	CUET



Major Sales Reference

COMMUNICATION EQUIPMENTS

SN	Name of Product	Brand	Qty	Total Qty	Client
1	VHF Transceiver (Walkie Talkie)	ICOM	590	590	CAAB, BN, BIWTA, BIWTC, Padma Oil, PPA, Inland Vessels, Fishing Vessels
2	VHF Transceiver	ICOM	334	346	BIWTA, PPA, BCG, Inland Vessels, Fishing Vessels, Artisanal Fishing Boats
		Furuno	12		
3	HF Transceiver	ICOM	137	144	BIWTA, BN, Fishing Vessels, Inland Vessels, Artisanal Fishing Boats
		Sunair	07		

FISH FINDER

SN	Name of Product	Brand	Qty	Total Qty	Client
1	Fish Finder	Lowrance (HOOK 5/3)	09	09	Fishing Vessels
2	Fish Finder	Lowrance (Elite FS 7)	77	77	PKSF/Artisanal Fishing Boats

FISHING SONAR

SN	Name of Product	Brand	Qty	Total Qty	Client
1	Scanning Sonar	FURUNO	03	10	Fishing Trawler, ALLIANCE, JK
		Kaijo	07		
2	Net Sonar	Marport	13	13	ALLIANCE, JK, SUNMAN, R Amin & Starpoart

DIVING EQUIPMENTS

SN	Description	Type	Qty	Client
1	SCUBA Diving Equipment	Open Circuit	56 sets	BN, Coast Guard
2	Boots	Diving	10 pairs	BN
3	Wet Suits	Diving	34 pairs	BN

Our Dream Project

This project aims to introduce the cutting-edge technology of navigation and communication to artisanal fishing boats



Completed Installation of 97 Artisanal Fishing Boats

Next 27 Boats will be completed by December '23

We Represent

Fishing

MARPORT from Iceland, designs and manufactures catch control and net monitoring sensors, echo sounders, current profilers and sonar for the world's fishing fleet. They also provide development services to the world's top companies who count on their expertise. Their technology solutions improve operational efficiency, reduce waste and increase catch quality.



SONIC Corporation from Japan- formally known as Kaijo Denki - offers a range of quality sonar solutions to suit various fishing methods. Kaijo Sonar systems are unique in that they all use a stainless steel sound dome meaning lower maintenance, longer life, and superior long range detection of small targets.

Navigation & Communication

SAFRAN from France is an international high-technology group, operating in the aviation (propulsion, equipment and interiors), defense and space markets. SAFRAN undertakes research and development programs to maintain the environmental priorities of its R&T and Innovation roadmap. They also apply their skills to develop solutions that meet strategic needs, such as defense and access to space.



The logo for SIMRAD, featuring the word "SIMRAD" in a bold, white, sans-serif font inside a red rectangular box.

Simrad (Navico) from Norway produces multifunction displays that combine powerful fish-finding sonar technology with the chart-plotter navigation features that a client needs to plan trips and find their way on the water. Simrad's fish-finders offer dedicated sonar displays, perfect for amateur anglers and offshore sport fishing pros.

ICOM is a company from Japan that provides advanced communications and creates a safe and prosperous society with its expertise in wireless technology. ICOM connects the world with the latest innovations and solutions. ICOM is 'How the World Communicates'.



Software

QPS from Netherlands combines powerful software with world class service. From hydrographic data collection to piloting, whatever a client needs, QPS provides the support and tools to match.



Carlson is a company from USA that offers one-source technology solutions for the entire project cycle in civil engineering, land surveying, GIS, construction, and mining. Carlson is available worldwide and specializes in CAD design software, field data collection, laser measurement, GNSS, and machine control products.

Marine Propulsion

VOLVO PENTA from Sweden provides power solutions and propulsion systems for professional customers all over the world. Regardless of application, they offer their tailor-made support throughout the product lifecycle – from the design stage to full time operation. All from one global company with a strong local presence.



Solé Diesel from Spain is a family-owned company dedicated to the manufacture of engines for boats, marine generator sets and marine accessories. Founded more than 100 years ago, Solé Diesel offers customized products for both recreational and professional applications.

Mercury Marine is a company from USA that changes the boating industry with its innovative marine engine technology. Mercury Marine continues to expand its outboard and marine engine technology, leading the industry with boating innovations.



Marine Propulsion

HamiltonJet from New Zealand is one of the most advanced and innovative marine propulsion systems in use today, and is at the forefront of water-jet propulsion technology. Now they are also consistently delivering vessel autonomy solutions in conjunction with their water-jet technologies.



Marine Pumps



Gianneschi from Italy Established in 1969, Gianneschi Pumps and Blowers is an important market leader in the international marine business supplying pumps and blowers for luxury boats, work boats, and small military units from 12 to 120 meters in length. Recently, the company has introduced products and solutions suitable for other areas such as treatment systems, circulation, and cooling.

Deck Machinery

Fluid Mechanical from Spain was founded with the object of designing, manufacturing and marketing marine machinery, oleohydraulic controls and transmissions, and pneumatic applications.



Boats



Safe boat from USA Inspired by the rough waters and rocky shores of the Puget Sound, Safe brand wanted to completely rethink boat design from the human experience because the most stressful part about a boat, is actually being on the boat. So, this company started inventing custom designs and supporting technology like their industry-leading and patented foam collar for impact and floatation. This simple philosophy from their little boutique shop earned them a reputation for building the safest, toughest, and most confident-handling boats around the Sound.

BAYLINER from USA is part of Brunswick Corporation, world's leader in recreational boats, marine engines and marine parts and accessories. Brunswick brings the joys of the water to life through its collection of world-renowned brands. Their integrated platform is comprised of business segments that include the most notable brand names across all major marine categories. Their integrated platform is comprised of business segments that include the most notable brand names across all major marine categories, such as propulsion systems, parts & accessories, and boats.



Marine Generators

Whisper Power from Netherlands was founded in 2007 for the manufacture and worldwide sale of diesel generators and related items, which had been sold until this point under the brand name Mastervolt. Since then, the company has quickly and successfully grown and developed especially in terms of innovation and quality.



Kohler is a company from USA that has been powering homes, hospitals, lawn mowers, stadiums and everything in-between with its engines, generators and UPS products for the last 100 years.

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Diving & Safety

BEUCHAT was founded in France in 1934. Their passion, their brand and their products are inspired by the marvellous but fragile universe that is the sea. However, the underwater world is not just a theatre where people can pursue their dreams. Their products are diving clothing and equipment, fishing equipment and also sportswear.



LALIZAS from Greece is a company that manufactures marine equipment with a commercial presence in 130 countries. The company holds a leading position in the European Marine market with over 35 years of experience and expertise in life saving equipment.

Marine & Industrial Compressor

SAUER COMPRESSORS is a company from USA that has been delivering reliability and quality for over 130 years. Their customers know they can trust them to deliver. These principles guide them in the development and manufacturing of state-of-the-art high-pressure compressors, in their comprehensive service offering, and in staying customer-centric.



Industrial Generator



KHONAYSSER is a company from Lebanon that supplies industrial and marine products and services. Their scope of supply covers a wide range of diesel engines and generating sets 50hz/60hz/400hz, customized packages, sound proofing, switchgear, synchronizing panels, genuine parts, and local and international after-market support.

PRAMAC's history begins in 1966, when the Campinoti family founded L'Europea, a construction equipment company focused mainly on the Italian market. From this point onwards PRAMAC has been expanding its activities in the energy and material handling sector, continuously growing on its global base with a wide and flexible product range to satisfy a whole spectrum of energy needs to suit its customers.





Training Department

We believe that well-trained manpower is the prime mover for the progress in maritime sector of Bangladesh. We conduct in-house training and impart training to our clients. The primary goal of our training is to enhance the skills of our employees and end users. The training curricula includes diesel/petrol engine, diesel generator, compressors, navigation equipment, communication equipment, deck machinery, hydraulics, hydrographic survey and heating-ventilation air conditioning (hvac). Our expert trainers bring extensive experience in their respective fields to the table, ensuring our team is well-prepared for success.

Various in-house training programs include following:

- **Elementary training to each employee for 2 weeks after joining in CTL.**
- **Impart training to selected Management Trainee Officers (MTO) for the duration of 06 months.**
- **Conduct machineries and equipment training by qualified trainers to most of our employees.**





Our Core Services:

CELESTIAL TECH LIMITED emphasizes after-sale services through a dedicated team of factory trained engineers and technicians. A fully equipped service center has been established in Chittagong and is named CT Marine Service Centre that provides after sale services and supply of spares immediately. We also have dedicated service van to respond to customers' services enquiry in shortest possible time. Our diversified services include:

- Emergency Response
- Schedule Maintenance
- Annual Maintenance Program
- Inspection & Troubleshooting
- Breakdown Repairs
- Overhauling
- Installation and Commissioning
- Training & Supervision
- Performance Optimization
- Budgeting and Cost Control
- Parts and Inventory Management
- Documentation and Reporting

Our dedicated service team consists of following personnel:

- Engineer: 05
- Technician: 05
- Mechanic: 05
- Electrician: 06

Hotline: 01894-440154 | Email: service@celestial-tech.net



On-site Service



Service Vehicle



Corporate Social Responsibility:

Our goal is to help all the maritime stakeholders especially coastal fishing community of Bangladesh to understand safety of life at sea and to do so we are providing training to the artisanal fishermen on basic navigation and communication using GPS, Echo sounder, VHF and HF Radio. Thus, the coastal fishing community of Bangladesh in the coastal areas like Bhola, Hatia, Monpura, Char Kukrimukri, Supati, Cox's Bazar, Kutubdia etc. are enlightened on the subject gradually.



We have arranged seminar on fishing technology in 2016, 2019 & 2022 at Marine Fisheries Academy, Chattogram with more than 100 participants including foreign trainers.



We were the co-sponsor of 1st Bangladesh International Marine and Offshore Expo 2018 (BIMOX) held in Chittagong.

We regularly arrange free Medical Campaign in coastal areas.



We regularly arrange workshops for the fishing boat community to improve the safety of the boat by introducing navigation and communication equipment.

Completed Projects (Boats & Ships)

Harbor Patrol Boat for Bangladesh Coast Guard

User: Bangladesh Coast Guard
Builder: Dockyard and Engineering Woks Limited, Bangladesh
Quantity: 01 nos.
Boat Name: HPB GORAI
Year of Delivery: 2014

Main Dimensions

Length LOA: 19m
Breadth: 5m
Draught: 1.1m
Maximum Speed: 28 Knots

Material

Material: Aluminum
Superstructure: Aluminum

Designer

Global Marine Design (GMD), Australia

Project Management

Celestial Tech Limited, Bangladesh



Survey Boat for Chittagong Port Authority

User: Chittagong Port Authority
Builder: Dockyard and Engineering Woks Limited, Bangladesh
Quantity: 01 nos.
Boat Name: JARIP-10

Main Dimensions

Length LOA: 14m
Breadth: 4m
Draught: 1.3m
Maximum Speed: 10 Knots

Material

Material: Steel
Superstructure: Steel

Designer

Global Marine Design (GMD), Australia

Project Management

Celestial Tech Limited, Bangladesh



Completed Projects (Boats & Ships)

Survey Ship for Payra Port Authority

User: Payra Port Authority
Builder: Dockyard and Engineering Works Limited, Bangladesh
Year of Delivery: 2020
Quantity: 01 nos.
Boat Name: SAGAR JATRA

Main Dimensions

Length LOA: 27m
Breadth: 6m
Draught: 1.5m
Maximum Speed: 15 Knots

Material

Material: Steel
Superstructure: Aluminium

Project Management

Celestial Tech Limited, Bangladesh



6 High Speed Boats

User: Bangladesh Coast Guard
Builder: Dockyard and Engineering Works Limited, Bangladesh
Year of Delivery: 2022
Quantity: 06 nos.
Boat Names: HSB-7, HSB-8, HSB-9, HSB-10, HSB-11, HSB-12

Main Dimensions

Length LOA: 18.04m
Breadth: 5m
Draught: 0.973m
Maximum Speed: 30 Knots

Propulsion System

Main Engines: MAN D2868 LE 426
Total Power: 2x735 kW
Gear Boxes: 2x ZF 500, Ratio: 1.125:1
Propulsion: 2x Hamilton Jet HJ403 Waterjet

Material

Material: Aluminum
Superstructure: Aluminum

Classification

Bureau Veritas (BV)

Designer

Boksa Marine Design, Inc., USA

Project Management

Multi-beam Corporation, USA

Project Implementation Partner

Celestial Tech Limited, Bangladesh



Completed Projects (Boats & Ships)

Special Service Work Boat for Payra Port Authority

User: Payra Port Authority
Builder: Dockyard and Engineering Woks Limited, Bangladesh
Year of Delivery: 2023
Quantity: 02 nos.
Boat Names: Kajol-1 & Kajol-2

Main Dimensions

Length LOA: 15.05m
Breadth: 4.38m
Draught: 0.72m
Maximum Speed: 33 Knots

Propulsion System

Main Engines: VOLVO PENTA D11
Gear Boxes: ZF
Propulsion: FPP

Material

Material: Aluminum
Superstructure: Aluminum

Classification

Bureau Veritas (BV)

Designer

Global Marine Design (GMD), Australia

Project Management

Multi-beam Corporation, USA

Project Implementation Partner

Celestial Tech Limited, Bangladesh



Completed Projects (Propulsion System)

Propulsion Unit for Roads & Highways

User: Roads & Highways Department
Year of Delivery: 2020
Vessel: Improved Utility Ferry
Quantity: 32 Unites of Deck Mounted
Propulsion System for 16 Utility Ferries.
Power: 367 HP
Thruster Model: ZF AT 3000



Completed Projects (Propulsion System)

Propulsion Package for Bangladesh Fire Service & Civil Defence

User: Bangladesh Fire Service & Civil Defence

Builder: Khulna Shipyard Ltd.

Year of Delivery: 2010

Vessel: Fire Fighting Boat 1 & 2

Quantity: 02 nos.

Engine: Cummins - QSC 8.3 500 INT

Gear Boxes: ZF



Ongoing Projects (Boats)

7T, 12T & 25T Bollard Pull Tugboat for BIWTA

User: BIWTA

Builder: Dockyard and Engineering Woks Limited, Bangladesh

Quantity: 17 nos.

Material

Material: Steel Hull

Superstructure: Steel Hull

Classification

LR

Designer

Robert Allan Ltd., Canada

Project Management

Multi-beam Corporation, USA

Project Implementation Partner

Celestial Tech Limited, Bangladesh



7 Tons Tugboat

Main Dimensions

Length LOA: 16.3m

Draught: 0.973m

Propulsion System

Main Engines: VOLVO PENTA D13 MH(FE)

Gear Boxes: ZF

Breadth: 7m

Maximum Speed: 10 Knots

Total Power: 2x331 kW

Propulsion: FPP

12 Tons Tugboat

Main Dimensions

Length LOA: 28m

Draught: 1.85m

Propulsion System

Main Engines: VOLVO PENTA D16 MH

Gear Boxes: ZF

Breadth: 9m

Maximum Speed: 11 Knots

Total Power: 2x441 kW

Propulsion: FPP

25 Tons Tugboat

Main Dimensions

Length LOA: 28m

Draught: 2.5m

Propulsion System

Main Engines: 2x Mitsubishi S12R-T2MPTK

Gear Boxes: ZF

Breadth: 9.30m

Maximum Speed: 12 Knots

Total Power: 2x940 kW

Propulsion: FPP

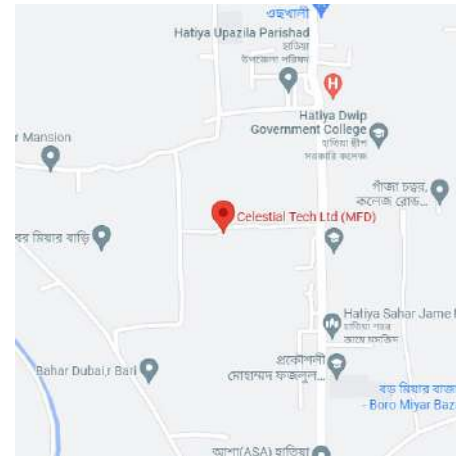
Our Office Location:



Dhaka Corporate Office:
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BUSINESS, ADMINISTRATIVE & CONTACT DETAILS

Business Name: CELESTIAL TECH LIMITED
Business Type: Solution provider for the Marine Industry
Company Registration no: C-87213/10

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