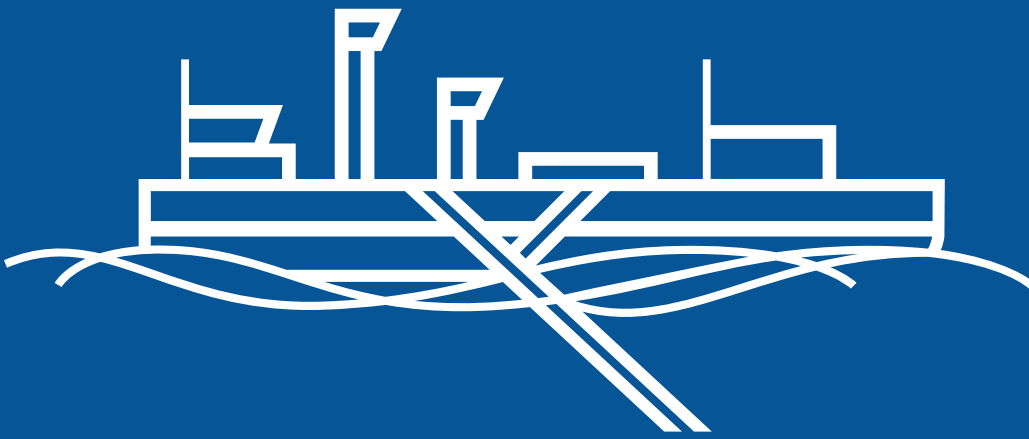


PCMARINE



شركة المشروعات للخدمات البحرية
ذات مسؤولية محدوده

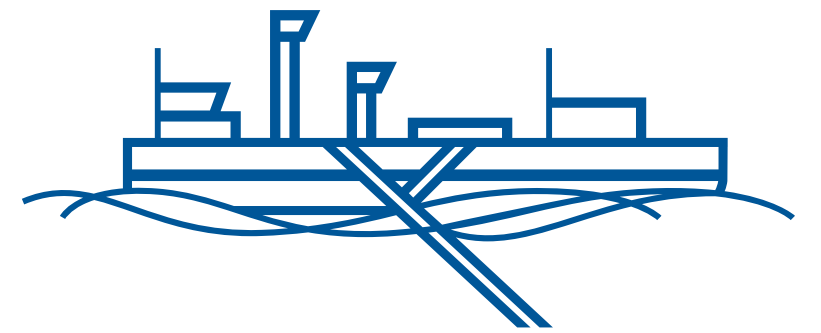
PC Marine Services
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Company Profile

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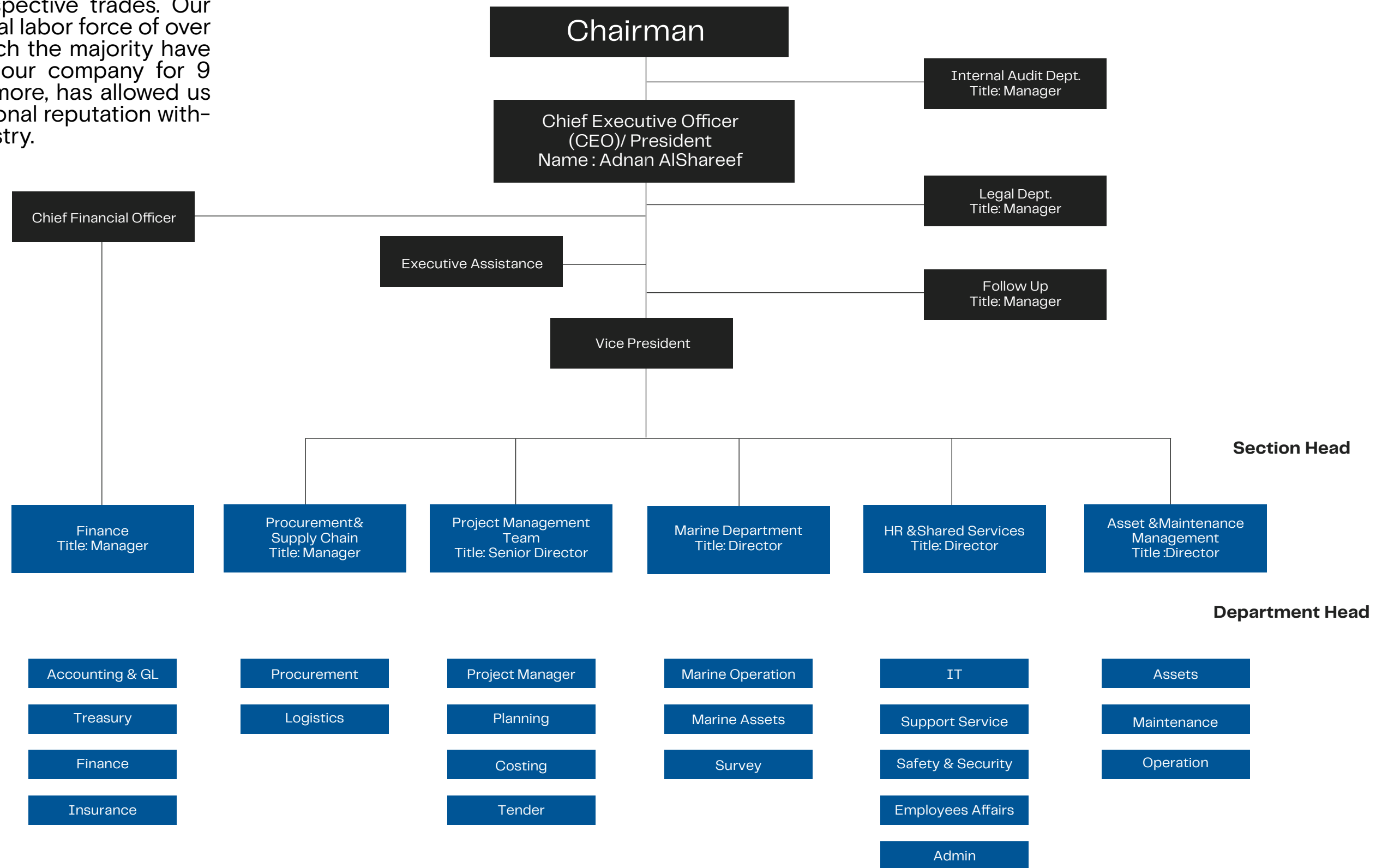
Who We Are



PC Marine Services was established in 2002 under the Laws of the Kingdom of Saudi Arabia, which is a wholly owned 100% Saudi Company specialized and classified number one in marine works. The Management and Supervisory Staff of the Company consist of a multinational team, with extensive professional training and many years of experience in their respective trades, of which the majority have been with the company for more than 10 years, which allowed us to gain a regional reputation within the industry.

Organization Chart

The Management and Supervisory Staff of the Company Consist of a multinational team, with extensive professional training and many years of experience in their respective trades. Our multinational labor force of over 150, of which the majority have been with our company for 9 years and more, has allowed us Gain a regional reputation within the industry.



Ongoing Projects

PROJECT NAME	SITE	OWNER	VALUE (SAR)	END
Al Arous & Section 2 Earthworks and Canal Package, Bridge	Jeddah	Roshn	689,127,598	2027
Construction of new berths (from 26 to 31) at Jeddah Islamic Port	Jeddah Islamic Port	Mawani	458,470,500	2025
Al Zomorod district park	Jeddah	Jeddah Municipality	90,403,171	2026
Works and Material (Marine Works) Sub-Contract, as part of Shuaiba Desalination Plant Technology and Expired Assets Replacement Project.	Shuaiba	SWCC	47,559,386	2022
Dredging of Basin and navigation channel in Yanbu Commercial Port	Farasan	Mawani	41,000,000	2024
Berths Maintenance and Rehabilitation at King Industrial Port in Jubail	Jubail	Mawani	16,000,000	2024
MKY Marss	Jubail, Jizan & Ras Mashaab	Marss	9,500,000	2022
Marine Works - Alboherat Noarth Jeddah	Jeddah	Khairy Suhail Al,Qabbani	5,203,884	2024

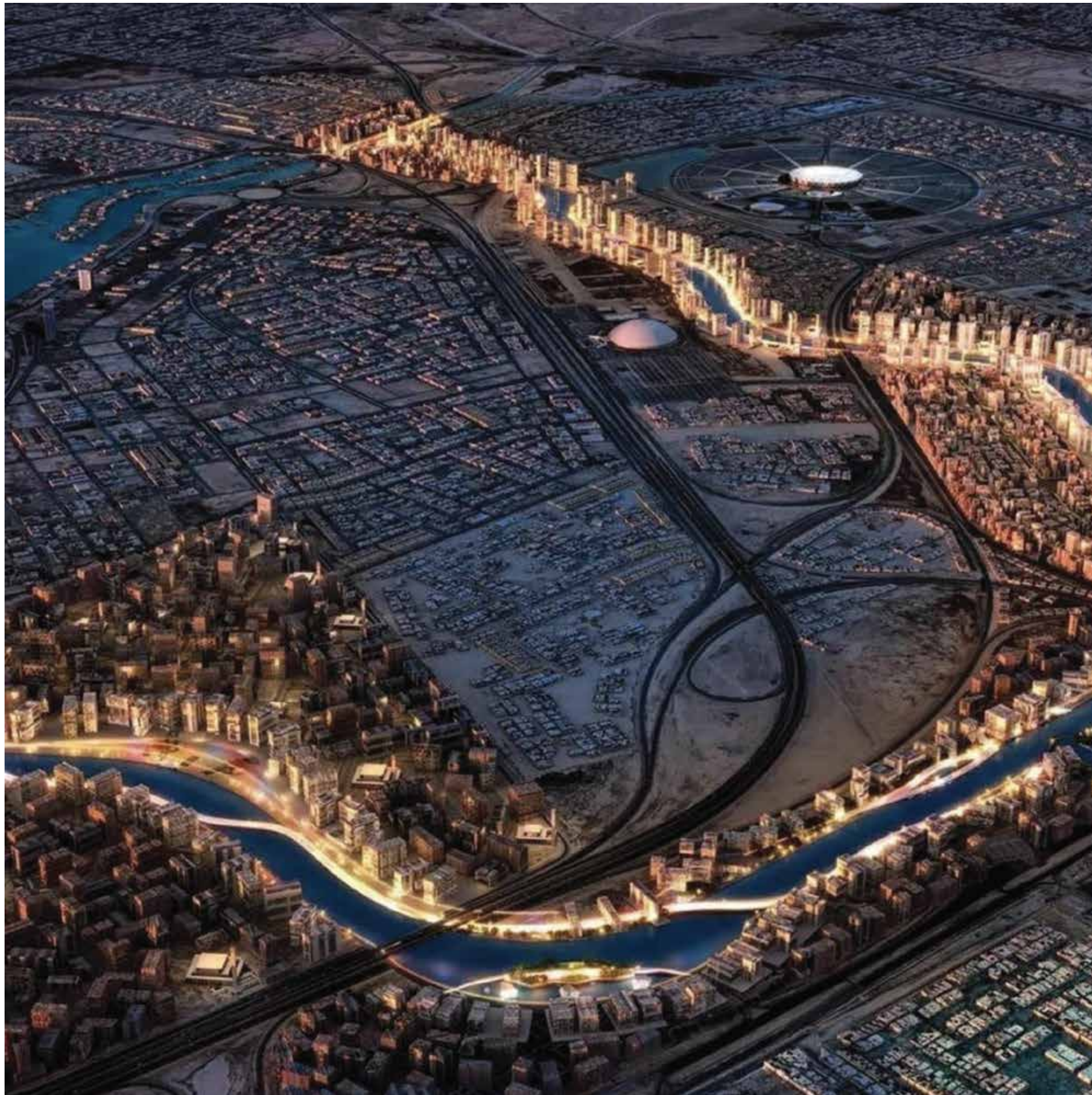


Completed Projects

PROJECT NAME	SITE	OWNER	VALUE (SAR)	END
Development of Cornich and Waterfront of Jeddah Phase 4 & 5	Jeddah	Jeddah Municipality	796,984,811	2018
Development Of Obhur Waterfront-Jeddah	Jeddah	Jeddah Municipality	229,330,605	2023
Construction of Berth 11 for General Cargo & Yards in Yanbu commercial port	Yanbu Commercial Port	Seaport Authority	159,400,000	2016
Construction of Berths to Fishing Boats – Jizan Port	Jizan	Ministry of Agriculture	102,154,207	2014
West Coast Satellite Desalination Plants Construction Contract- Civil Works	Al-Qunfudah, Al-Laith, and Farasan	Advanced Construction Consortium Company (ASRF) - SWCC	91,636,790	2021
Fishery Harbor at Al-Qunfuza	Qunfuza	Ministry of Agriculture	85,801,589	2012
Renovation of Wave Barriers & Adjacent	Jizan	Seaport Authority	82,336,370	2010
Construction of Two Berths Madaya & Farasan in Jazan	Jizan	Ministry of Agriculture	56,800,000	2017
West Coast Satellite Desalination Plants Construction Contract - Marine Works	Al-Qunfudah, Al-Laith, and Farasan	Advanced Construction Consortium Company (ASRF) - SWCC	57,475,091	2021
Rehabilitation of Berths at King Fahd Industrial Port	Jubail	King Fahd Ind'l. Port	57,496,954	2016
Treatment & Restoration of the Coastal Environment -MRC 2 Dawhat Balbool (East)	Eastern Region	GAMEP	57,248,683	2013
Treatment & Restoration of the Coastal Environment - CRC20	Eastern Region	GAMEP	48,196,800	2020
Treatment & Restoration of the Coastal Environment - CRC 19	Eastern Region	GAMEP	39,786,530	2020

PROJECT NAME	SITE	OWNER	VALUE (SAR)	END
Treatment & Restoration of the Coastal Environment - 6 Musalamiah (East)	Eastern Region	GAMEP	33,443,610	2012
Treatment & Restoration of the Coastal Environment - CRC22	Eastern Region	GAMEP	32,391,419	2022
Construction of Berths to Fishing Boats - Al Khobar	Al Khobar	Ministry of Agriculture	28,917,544	2018
Construction of 2 Berths Duba Port	Duba	Seaport Authority	25,943,038	2014
Rehabilitation of berths Makkah Region	Makkah	Coast Guard MOI	24,792,200	2018
Three off-shore barges with water desalination facilities	Al-Shuqaiq	Metito Saudi Ltd-SWCC	22,000,000	2022
Cruise Berth Improvements Project	Dammam Port, Jeddah Islamic Port, & Yanbu Com.Port	PIF- Red Sea Cruise Company	21,000,150	2021
Renovation of Docks 21 & 22 & Service	Yanbu	Yanbu Industrial Port	19,450,000	2005
Rehabilitation of Various Berth in Tabuk Province	Tabuk	Coast Guard MOI	15,554,846	2019
The Renovation and Refurbishment of Existing berths	Farasan	Seaport Authority	15,056,678	2015
Renovations of Marine & Service Berths – Yanbu	Yanbu	Yanbu Industrial Port	9,813,019	2005
Treatment & Restoration of the Coastal Environment - CRC 17 Al- Naqwariah (East)	Eastern Region	GAMEP	9,375,000	2013
Supply and installation of 20 navigational buoys- Jizan	Jizan	Seaport Authority	8,860,000	2019
Renovation of Jizan Port Berths – Jazan	Jizan	Al-Nawa Technical Services Co. Ltd.	8,179,500	2012
Rehabilitation of Berths at King Fahd Industrial Port (Phase II)	Jubail	King Fahd Ind'l. Port	7,874,900	2019
Taroot Channel Deepening Phase II	Qatif	Qatif Municipality	7,858,875	2013

PROJECT NAME	SITE	OWNER	VALUE (SAR)	END
Lifting of Submerged Boat & Barge –Jazan	Jizan	Ministry of Agriculture	7,232,772	2015
Supply & Installation of Rubber Fender - Duba Port	Duba	Seaport Authority	5,250,000	2020
Construction of Berth to Fishing Boats Al Abbasi in Yanbu	Yanbu	Seaport Authority	5,160,000	2016
Renovation of Vessel Maintenance Dock – King Abdul Aziz Port	Dammam	Seaport Authority	3,750,000	2005
Lifting and re-assemblingof Antique Boat Phase 1 – Qonfuza	Qunfuza	Ministry of Agriculture	2,950,000	2011
Maintenance of the Buoys Half Moon Beach	East Qatif	Qatif Municipality	1,500,000	2012
Rock Protection to the Control Tower Jizan Port	Jizan	Seaport Authority	1,367,400	2012
Maintenance of 4 Mooring dolphins – Jeddah Islamic Port"	Jizan	Seaport Authority	1,260,000	2009
Lifting and re-assemblingof Antique Boat Phase 2 – Qonfuza	Qunfuza	Ministry of Agriculture	946,000	2012
METITO Barges Al-Shuqaiq	Al-Shuqaiq	SWCC - Metito	22,000,000	2023



Al Arous

& Section 2 Earthworks and Canal Package, Bridge

Digging the canal Dewatering system
Installation of a temporary intake pipe,
suction pipe and temporary pumping
facilities Land improvement works
Excavation work in the canal, Build a
channel edge selection wall, Treating
the marine edge of the canal, Maintain-
ing the quality of the lake's water Bridge
construction Road works



Development of 720,281 m² of Jed North Corniche. The project scope is to construct of 4,850 LM quay wall (2.5 -3.0 m H) including shoring & dewatering works. Construction of fishing pier (125LM, 2450m², 6 pavilion and 15 shades) including pile works and WPC decking, the approximate capacity is 814 people. Construction of taxi station (1,800 m²) including pile works and WPC decking. Construction of 3 beaches (10,000 people capacity). Mechanical and fire fighting works. Electrical, lighting and fiber optics works, Landscape works (275,000 lm²), 7 kids playing areas and asphalt works.

Jeddah Corniche

Development of Corniche & Waterfront of Jeddah Phase 4 & 5



Obhur Waterfront Development – Jeddah

Development of 237,000 m2 of Jeddah North Corniche The project scope is to construct of 3000 LM quay wall (2.5 –3.0 m H) including shoring & dewatering works. Construction of fishing pier (140 LM, 1120 m2, 6 pavilion and 15 shades) including pile works and WPC decking, the approximate capacity is 814 people. Construction of taxi station (1,800 m2) including pile works and WPC decking. Construction of 2 wet beaches & 2 dry (10,000 people capacity). Mechanical and fire fighting works Electrical, lighting and fiber optics works, Landscape works (76,000 lm2), 7 kids playing areas and asphalt works.



Alzomrd Park

Mobilization, demolition, disposal or relocation of existing items at project site. Parking area works involving the base layer and asphalt. Site and services works including: electric works, Rainwater drainage system, Sanitation system, irrigation system. Site coordination and architectural components including landscape. Public toilet building Supply and installation of ground interactive fountain.



Yanbu Port

Construction of Berth 11 for General Cargo & Yards

Dredging of 1,500,000m³ (-14.0 m for Turning Basin & -22.00 m under the quay wall). Construction of 410 LM quay wall (from -17.0 m to +3.0m). Casting and placing of 52,000m³ concrete blocks (119 ~150 Tons each). Rocks placement 160,000m³ for the trench bed soil replacement, rock fill behind the quay wall and the scouring toe Reclamation and furnishing of 88,000 m² yard with heavy duty concrete slabs Executing of MEP works Executing the bathymetric survey using multi- beam echo sounder



Construction of Berths For Fishing Boats

Jizan Port

Dredging of 350,000 m² in the basin and the quay wall trench. Construction of 1260Lm Breakwater, 6.0 m depth at Roundhead. Construction of 305m Quay wall with 3m depth. • Construction of 3,640 Lm of floating docks 3 meters width. Construction of (2) Slip-ways. Construction of (1) Coast Guard building with 100 m² total area - 2 floors. Landscape, infrastructure works, Concrete Fence, MEP works and 3 Executing the bathymetric survey using single beam echosounder.



Civil Works

West Coast Satellite Desalination Plants Construction Al-Qunfudah, Al- Laith, and Farasan

RO Building including pre-engineering structure Electric and control building Gravity filters Intake pump station building Outfall chamber Filtrate tank & Settling tank Backwash tank and Backwash pump foundation Post-treatment plant Site landscaping Road network Stormwater network Civil work for (pipes & electric distribution)



Qunfuza

Construction of Fishery Harbor

Dredging of 126,000 m3 for the basin and the quay wall trench. Construction of 450 m Breakwater, 5.5 m depth at Roundhead. Construction of 225 m Quay wall with 3 m depth. • Supplying and installing floating docks 1,000 LM, 3m width. Executing the bathymetric survey using single beam echosounder Construction of 2 administration Buildings with 1,150 m2 total area – 3 floors. Construction of coast guard building – 2 floors Landscape, Concrete Fence, and 3 Gates.



Jizan Port

Renovation of Wave Barriers & Adjacent

Rehabilitation of various existing berths is including the fascia renovation and replacement of capping beam accessories (various types of rubber fender and wooden fenders). Steel pile jacketing including the installation of zinc wire mesh and bulk anodes 65 Kgs and 150 Kgs.



Construction Of Two Berths Madaya & Farasan

Dredging of 300,000 m3 in the basin and the quay wall trench Construction of 440 lm breakwater, 5.5 m depth at Roundhead Construction of 275 lm Quay wall with 3m depth • Construction of 1000 lm of floating docks 3m width Construction of 2 Coast Guard buildings with 100 m2 total area - 2 floors Landscape, Concrete Fence, MEP works and 3 Gates Executing the bathymetric survey using single beam echosounder



West Coast Satellite Desalination Plants Construction Contract – Marine Works

Construct and install of intake tower
Installation of seawater intake pipelines
Installation of outfall pipeline & Diffuser



Rehabilitation Of Berths Jubail King Fahd Industrial Port

Rehabilitation of various existing berths is including the fascia renovation and replacement of capping beam accessories (various types of rubber fender and wooden fenders). Steel pile jacketing including the installation of zinc wire mesh and bulk anodes 65 Kgs and 150 Kgs.



Treatment & Restoration of the Costal Environment

CRC 20

Coastal Remediation includes Removal Asphalt pavement De-compaction, and of Physical tilling



CRC 19
Treatment & Restoration of the Costal Environment

Coastal Remediation includes Removal Asphalt pavement De-compaction, and of Physical tilling



Treatment & Restoration
of the Costal Environment
Musalamiah

Coastal Remediation includes Removal of 9,158 m2 Asphalt pavement De-compaction of 32,637 m2, and 169,971 m2 of Physical tilling Excavation of tidal channels 8,572 LM, and planting of halophytes (mangroves) along the perimeter 7,672 pcs.



CRC 22

Treatment & Restoration of the Costal Environment

Coastal Remediation includes Removal Asphalt pavement De-compaction, and of Physical tilling



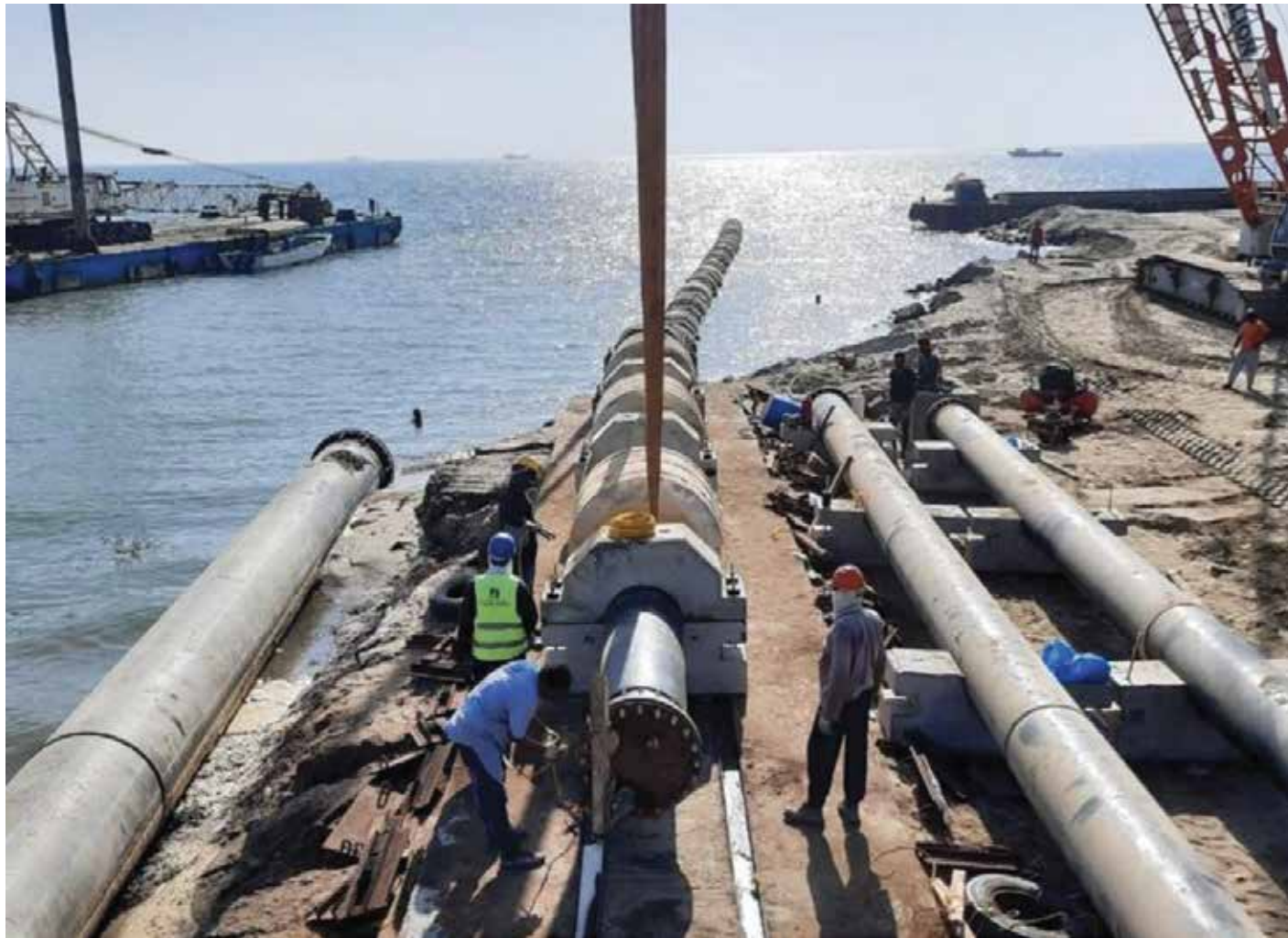
Construction Of Berths **Khobar** Fishing Boats

Dredging of 100,000 m3 in basin and quay wall trench. Construction of 130 m Breakwater, 5.0 m depth at Round-head. Construction of 125 m Quay wall with 3 m depth. • Construction of 500 LM of floating docks with a width of 3 meters. Construction of coast guard building with 100 m2 total area – 2 floors. Landscape, Concrete Fence, and 3 Gates. Executing the bathymetric survey using single beam echosounder



Duba Port Construction Of Two Berths

Construction of two quay walls (Ferries and coast guard berths) 160 LM length, 6.0 m depth. The blocks weight are between (38~55Tons). Construction of berth yard (16,200m2) including reclamation and concrete asphaltting. Infrastructure works (MEP works and electrical works).



Al-Shuqaiq

Three off-shore barges with water desalination facilities

The project included the amount of dredging about 64,000 cubic meters and the welding of HDPE pipes with a diameter of several 1200 mm, 710 mm and 630 mm, a total length of about 3500 meters, covered with ballast concrete according to the diameter and layers of stone protection. Each installation of these pipes is in exactly level and coordinates all these pipes connected to the floating Barges



Cruise

Berth Improvements

Rehabilitation for an existence berths at Jeddah Islamic Port (JIP, Berths 9 & 10), Dammam Port (Berths 14 & 15), and Yanbu Port (Berth 2) Structural analysis for the existence berths Supply and installation of the following; 200 T bollards Cone fenders Permeant fences



Jeddah Islamic Port Rehabilitation of Various Berths

Maintenance and rehabilitation of 8 berths (approx. 2,800 LM) including demolition and reconstructing the concrete fascia and installing the embedded cathodic protection. Capping beam accessories replacement including arch rubber fenders, bollards and mooring rings.



AL Farasan

Renovation & Refurbishment of Existing Berths

Demolition and concrete repair of concrete berth with total area of 10,000 m2 Replacing all fenders and bollards with new one which consist of 67 fenders cylindrical type and 82 D-type fenders Replacement and enhancement of steel reinforcement Repair of 6 tower lights Rehabilitation of coping beams and dry dock. Repair of concrete slabs



CRC 17

Treatment & Restoration of the Costal Environment

Coastal Remediation includes Removal of 4,683 m2 Asphalt pavement De-compaction of 19,136 m2, and 373,957 m2 of Physical tilling Development of an environmental plan (EPP).



Supply and installation of 20 navigational buoys

Jizan

Supply and installation of rubber protectors



Renovation Of Port Berths

Jizan

Rehabilitation of various existing berths (Total length: 940 LM) including the fascia renovation, capping beam accessories replacement. Demolition and concrete repair of berth with total surface area of 10,000 m2 with steel reinforcement replacement and enhancement Supplying and installing new cylindrical rubber fenders These works covered berth 12 ,9 ,8 ,6 and 1 Supplying and installing new bollards



Phase II Taroot Channel Deepening

Dredging of 25,000m3 along the channel (350 LM) in order to deepening the Taroot Channel. Construction of 1,000Lm of slope protection and breakwater. Construction of 700LM culverts. Full drainage system including 6 inspection manholes Executing the bathymetric survey using multi-beam echosounder



Duba Port Supply & Installation of Rubber Fender

Supply and installation of rubber protectors



Yanbu

Construction Of Berth For Fishing Boats Al Abbasi

Dredging of 57,000 m3 in the turning basin and the quay wall trench. Construction of 220 lm Quay wall with 2m height. Construction of 140 lm wave breakwater. Construction of slipway for boats maintenance and repair Landscape and roads asphaltting Executing the bathymetric survey using single beam echosounder



King Abdul Aziz Port Dammam Salvaging of Vessel Maintenance Dock

Determination of the structural and water-tight conditions of the dry-dock and to ascertain the status of dry-dock systems, a detailed engineering analysis and a Salvage Plan involving extensive preparatory work both topside and underwater. Maintenance for both the hull and the submerged top deck including under-water welding and full inspection. The floating process has been executed by using a sufficient number of high-capacity electric salvage pumps. Additionally, numerous gauging systems were established to monitor tank pressures and condition throughout the refloating operation.



Boat Phase 1 – Qounfuza Salvaging of Antique

Initial cleaning of the ship of sand, animals and marine plants. Vessel lifted from the seabed. Place vessel in fresh water to prevent further rusting in preparation for the repair process. After assessing the condition of the vessel, sand and other external layers removed using pressurized air and other methods with the help of metal detecting technology to properly assess the hull. Relocating the vessel and its parts to the designated location.



Salvaging of Antique Boat Phase 2 – Qounfuza

Initial cleaning of the ship of sand, animals and marine plants. Vessel lifted from the seabed. Place vessel in fresh water to prevent further rusting in preparation for the repair process. After assessing the condition of the vessel, sand and other external layers removed using pressurized air and other methods with the help of metal detecting technology to properly assess the hull. Relocating the vessel and its parts to the designated location.

About Us

PC MARINE employees share a set of core values. We believe that incorporating these values as basic elements of our business dealings will result in delivering professional high-quality services to you and building the trust of all our stakeholders. We get to be part of something greater than just a Company. PC MARINE is committed to corporate social responsibility and this is expressed through charitable support and volunteerism in the communities in which we live and work.

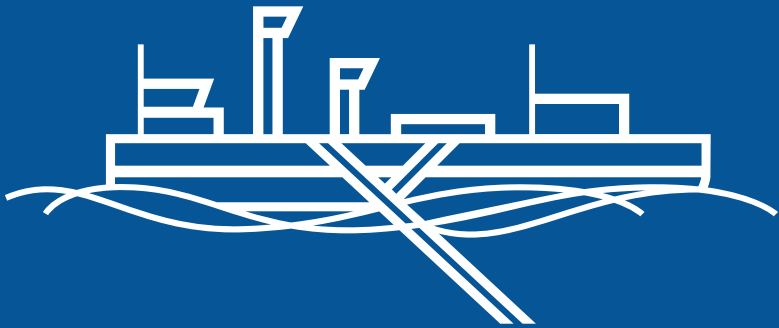
At last, Survey department has been established in 200 for the purpose of Running Bathymetric, Hydrographic, Topographic, Seismic Survey and Marine Services.





Project Organization Structure

PC Marine works with complex and grand projects that require a great level of coordination and implementation of project activities. Therefore it is paramount that we create an environment that enforces great communication and understanding between the team members in each project, which guarantees the success we achieve.



Fleet &

SERVICES	QUANTITY
DREDGER	2
BARGE	8
TUG BOAT	5
AMPHIBIOUS EXCAVATOR	1

CRANES	QUANTITY
MOBILE CRANE 350 TON	1
MOBILE CRANE 260 TON	1
MOBILE CRANE 250 TON	1
MOBILE CRANE 50 TON	4
MOBILE CRANE 35 TON	4
MOBILE CRANE 25 TON	4
MOBILE CRANE 15 TON	5
MOBILE CRANE 7 TON	4
CRAWLER CRANE	4
TOWER CRANE	8

Equipment

EARTH MOVING	QUANTITY
BACKHOE LOADER	22
WHEEL LOADER	21
BOB CAT	36
TRUCK	43
TRACTOR HEAD - LOW BED	4
TRACTOR HEAD - HIGH BED	3
DYNA CAR	3
WATER TANKER	14
COMPACTOR	29
POCLAIN	32
FORKLIFT	6
EXCAVATOR	17

TRANSPORTATION	QUANTITY
BUS	19
PICK UP	45

SERVICES	QUANTITY
COMPRESSOR	19
GENERATOR	45
SUBMERSIVE PUMP	11
WELDING MACHINE 2 HEADS	18
PORTABLE WELDING MACHINE	15
OXYGEN/ACUTELY SET	24
TOWER LIGHT	26
DOKA FORMWORK	14,500 M2
SLAB FORMWORK	30,000 M2

Dredger Coral 1

REGISTRATION

Type of Vessel: Dredger "Coral 1"
Flag: Saudi
Class: Bureau veritas
Year Built: Holland 2013

SPECS

Length overall: 58.0 M
Length over pontoons : 43.50 M
Breath: 12.44 m
Depth: 2.97 m
Total installed power: 2,819 km



Dredger Coral 2

REGISTRATION

Type of Vessel: Dredger "Coral 2"
Flag: Saudi
Class: Bureau veritas
Year Built: Holland 2014

SPECS

Length overall: 32.3 M
Length over pontoons: 21.65 M
Breath: 7.87 M
Depth: 2.44 M
Total installed power: 1,350 KW



Andalus 7 Deck Barge



REGISTRATION

Type of Vessel: Deck Barge 7
Flag: Saudi
Class: Rina
Year Built: Indonesia 2005

SPECS

Length overall: 73.15 M
Beam moulded: 24.38 M
Depth: 4.88 M
Max draft: 3.50M
GRT/NRT: 2288/ 750 Ton

Andalus 8 Deck Barge



REGISTRATION

Type of Vessel: Deck Barge 8
Flag: Saudi
Class: Rina
Year Built: China 1997

SPECS

Length overall: 36.60 M
Beam moulded: 12.44 M
Depth: 2.44 M
Max draft: 140 M
GRT/NRT: 450/ 170 Ton

Andalus 10 Deck Barge



REGISTRATION
 Type of Vessel: Deck Barge 10
 Flag: Saudi
 Class: Rina
 Year Built: Bahrain 2009

SPECS
 Length overall: 36.58 M
 Beam moulded: 12.19 M
 Depth: 2.44 M
 Max draft: 1.90 M
 GRT/NRT: 262/ 78 Ton

GTO 1804 Deck Barge



REGISTRATION
 Type of Vessel: Deck Barge GTO 1804
 Flag: Saudi
 Class: BV
 Year Built: Bahrain 2007

SPECS
 Length overall: 54.86 M
 Beam moulded: 18.29 M
 Depth: 3.96 M
 Max draft: 3.22 M
 GRT/NRT: 980/ 294 Ton

GTO 2402 Deck Barge



REGISTRATION
 Type of Vessel: Deck Barge GTO 2402
 Flag: Saudi
 Class: BV
 Year Built: China 2015

SPECS
 Length overall: 73.15 M
 Beam moulded: 21.40 M
 Depth: 4.90 M
 Max draft: 3.80 M
 GRT/NRT: 1828/ 548 Ton

Andulus 6 Deck Barge



REGISTRATION
 Type of Vessel: Deck Barge PCMarine 6
 Flag: Saudi
 Class: NK
 Year Built: Malaysia 2014

SPECS
 Length overall: 30.00 M
 Beam moulded: 8.60 M
 Depth: 4.12 M
 Max draft: 1.15 M
 GRT/NRT: 266/ 80 Ton

Linda 1 Tug Boat



REGISTRATION

Type of Vessel: Tug Boat Linda1
Flag: Saudi
Class: BV
Year Built: China 1997

SPECS

Length overall: 27.08 M
Beam moulded: 8.60 M
Depth: 4.35 M
Max draft: 4.10 M
GRT/NRT: 219/ 65 Ton

PC Marine 1 Tug Boat



REGISTRATION

Type of Vessel: Tug Boat PC Marine1
Flag: Moldova
Class: MBS
Year Built: Italy 1972

SPECS

Length overall: 34.00 M
Beam moulded: 10.00 M
Depth: 5.10 m
Max draft: 4.10 m
GRT/NRT: 389/ 81 Ton

Evolution 28 Tug Boat



REGISTRATION

Type of Vessel: Service Boat PC Marine1
Flag: Saudi
Class: Rina
Year Built: Greece 2012

SPECS

Length overall: 25.63 M
Beam moulded: 6.73 M
Depth: 1.45 M
Max draft: 1.10 M
GRT/NRT: 58/ 32 Ton

PC Marine 5 Service Boat



REGISTRATION

Type of Vessel: Service Boat PC Marine1
Flag: Saudi
Class: Rina
Year Built: Greece 2012

SPECS

Length overall: 25.63 M
Beam moulded: 6.73 M
Depth: 1.45 M
Max draft: 1.10 M
GRT/NRT: 58/ 32 Ton

Captain Noah Tug Boat



REGISTRATION
Type of Vessel: Tug Boat Captain Noah
Flag: Saudi
Class: Rina

SPECS
Length overall: 14.80 M
Beam moulded: 5.81 M
Depth: 3.15 M
Max draft: 1.60 M
GRT/NRT: 59/ 47

AMPHIBIOUS EXCAVATOR

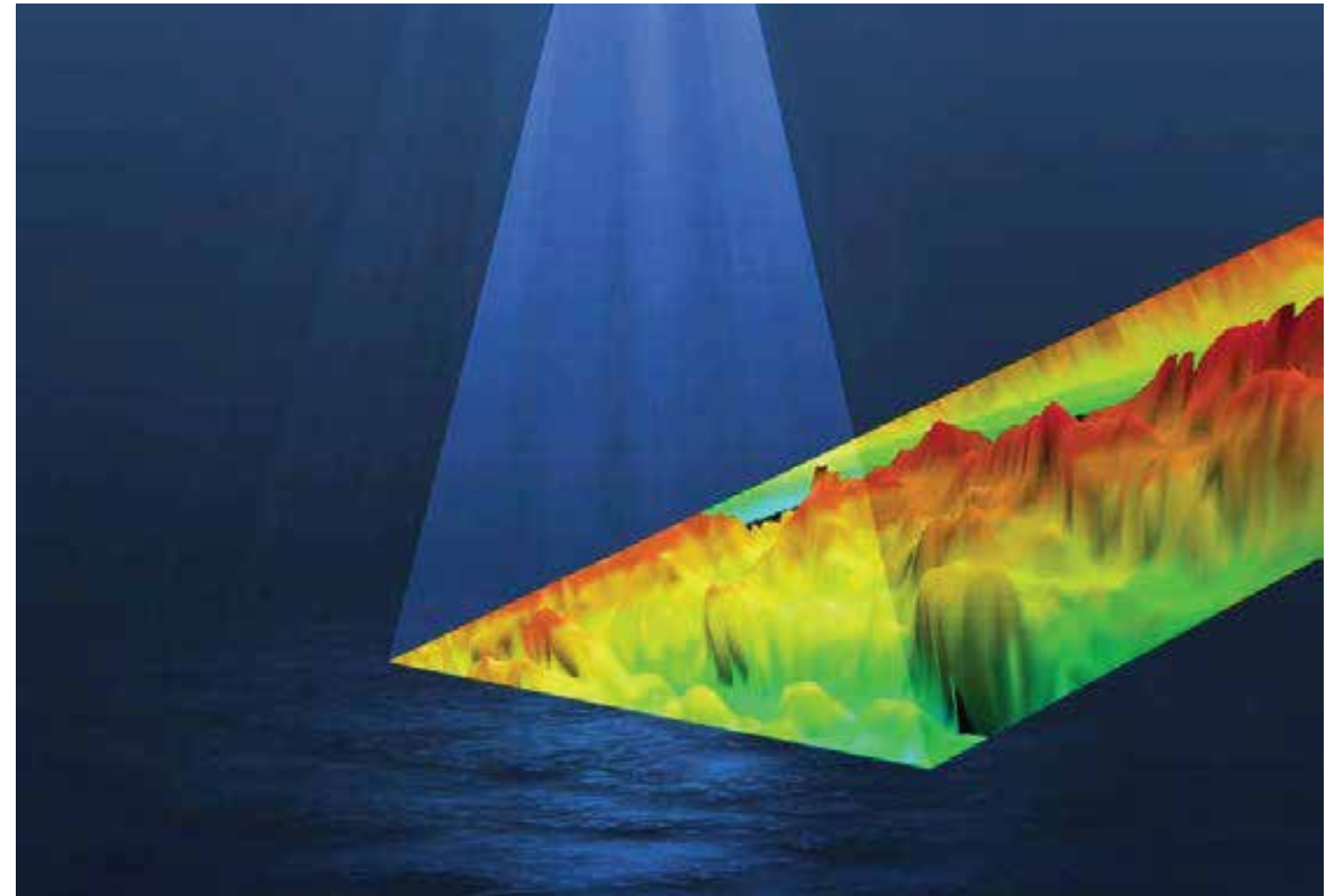


Seaeye Tiger

Seaeye Tiger with color and SIT cameras, a location transponder and a 5-function manipulator tooling skid fitted

SPECIFICATIONS	SEAEYE TIGER
DEPTH RATING	1000 MSW
LENGTH	1030 MM
HEIGHT	590 MM
WIDTH	700 MM
LAUNCH WEIGHT	150 KG
FORWARD SPEED	3 KNOTS
THURST FORWARD	62 KGF
THURST LATERAL	43 KGF
THURST VERTIICAL	22 KGF
PAYLOAD	32 KGF

Multibeam Echosounder MB1



MB1 Multibeam Echo sounder is designed to meet the needs of hydrographic professionals that are looking for a high-performance swath sounder. Sounding Performance using both amplitude and phase bottom detection, MB1 is capable of sounding a swath of up to 120 degrees in over 120m depth of water, and up to 240m at nadir. With 24-bit resolution and a dedicated projector, both raw water column and seabed data can be collected within the controller software.

Construction: the sounder is manufactured using corrosion resistant Acetal and Titanium, ensuring years of reliable use in harsh marine environments. Impulse Titan series connectors are used for quick and dependable data connection.

- Operating frequency from 170 to 220 kHz
- 120 degree swath coverage
- Up to 512 beams
- Phase and amplitude bottom detection
- Up to 240m water depth sounding
- Titanium and Acetal construction

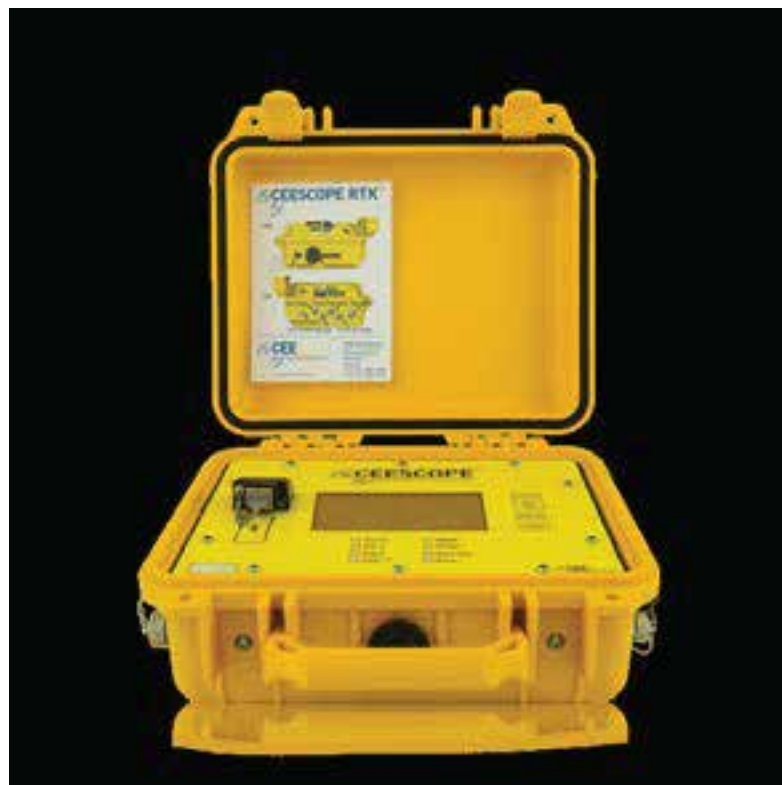
Interfacing: using a new and improved Real Time Appliance (RTA), the echo sounder can be interfaced with all of the sensors necessary for surveying whilst maintaining accurate timing synchronization.

Singlebeam Echosounder MKII

The Echotrac MKIII is the only sounder on the market offering you the choice of either a high resolution thermal paper recorder or a full-sized high bright color LCD chart in interchangeable module format. Both high and low channels feature frequency agility, enabling the operator to precisely match the transceiver to almost any existing transducer. This ability minimizes near-surface noise caused by transducer ringing while increasing echo return strength.

The MKIII is capable of both shallow and deep- water operations and features unsurpassed interfacing flexibility with four serial ports and high-speed Ethernet capability for maximum efficiency.

- Interchangeable paper chart or color LCD
- Multi-frequency
(high: 100kHz-1MHz, low: 3.5-50kHz)
- Desktop, bulkhead or rack mount
- Internal data storage and playback with color LCD model
- Ethernet interface
- Optional built-in DGPS receiver
- Optional side-scan transducer
- Ultra-shallow water transducer
- Flash memory upgrade



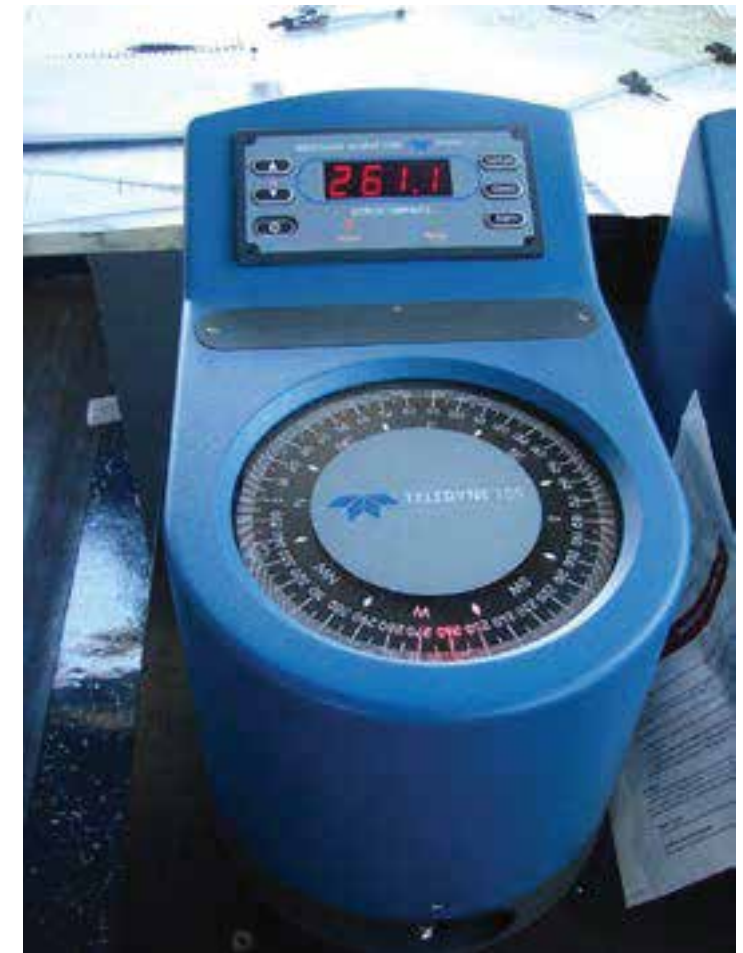
Gyro Compass

TSS Meridian Surveyor Gyrocompass

The Meridian Gyrocompass product range is suitable for the ever-changing needs of the modern bridge system. This includes highly accurate performance with low cost of ownership and system flexibility. Due to the Meridian's small size and fast settle time of less than 45 minutes, there are no limits to the type of vessel for which it is suitable.

The Meridian Gyrocompass can be installed as a stand-alone unit or, together with any of the TSS range of repeaters and ancillaries, it becomes a single, dual or triple gyro system. The Meridian can also be used as a retrofit unit.

The Meridian Standard provides a dynamic heading accuracy of 0.30° secant latitude RMS and a static heading accuracy of 0.10° secant latitude RMS. Whereas, the higher performance Meridian Surveyor provides a dynamic heading accuracy of 0.20° secant latitude RMS and a static heading accuracy of 0.05° secant latitude RMS.



Positioning System DGPS

Trimble SPS



As we know about the working of GPS that how it calculates the position on earth by receiving the signals sent from the four satellites. This system works but somehow some errors might be there which reduces its accuracy. As locating the location GPS uses radio signals which travel through the atmosphere at the speed of light but somehow the earth atmosphere slows down the electromagnetic energy while piercing through the ionosphere and troposphere. So, different location has different atmosphere which means the delay caused by above factor varies with locations. These above errors are corrected by nothing else but the Differential GPS. In Differential GPS mechanism, we are having a stationary DGPS hardware at the location which is known. This stationary station is known as the reference

This station calculates the differential error and makes the differential corrections for the location and time. This station after making corrections broadcasts these radio signals to all the DGPS 2 equipped receivers which give the locations which are much more accurate than the ordinary receivers. GPS technology receivers locate the transmissions of at least four satellites and combine the information of these four satellites in order to know the exact location or the receiver's position on earth. As soon as the calculations are made, this receiver can tell you the longitude, latitude and altitude.

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Advanced Construction Company was established in the year 1996. Since then it has transformed and evolved to become one of the leading contracting companies. Its good reputation and commitment to execute with required qualities and specific time frames has earned it a solid reputation shared by few.

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المؤسسة العامة لتحلية المياه المالحة
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شركة روافد البناء للصناعة
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Qatif Municipality

MORE

Media

PC Marine has been well recognized and represented throughout our years of excellency in marine works. Therefore the largest and most trustworthy media channels in the Middle East has covered our company several times in their newspaper.

Who wrote about us

Al Madina News
Al Riyadh News
Al Sharq Al Awasat
Arab News
Makkah News
Okaz
Sada Electronic

Certificates



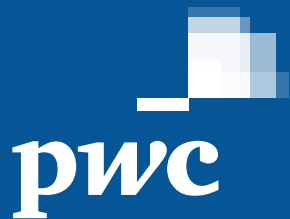
Environment Management System



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