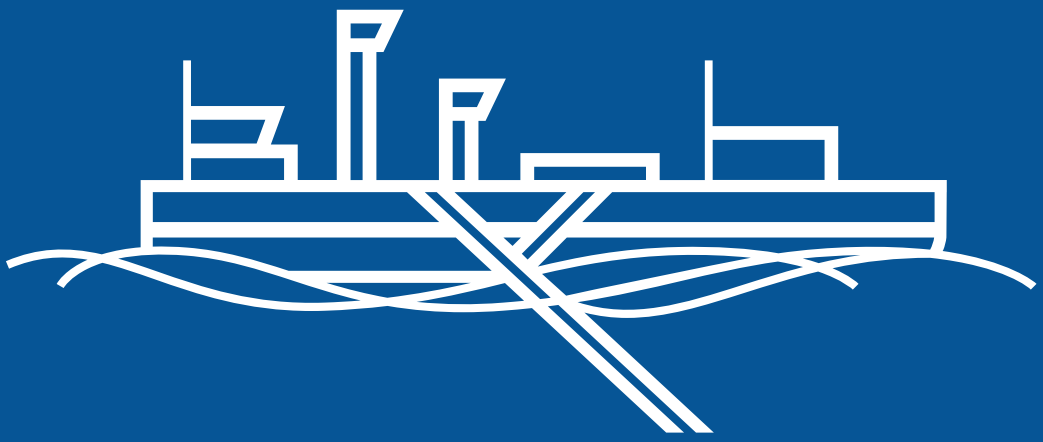
PCMARINE



شركة المشروعات للخدمات البحرية
ذات مسؤولية محدوده

PC Marine Services
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# Company Profile

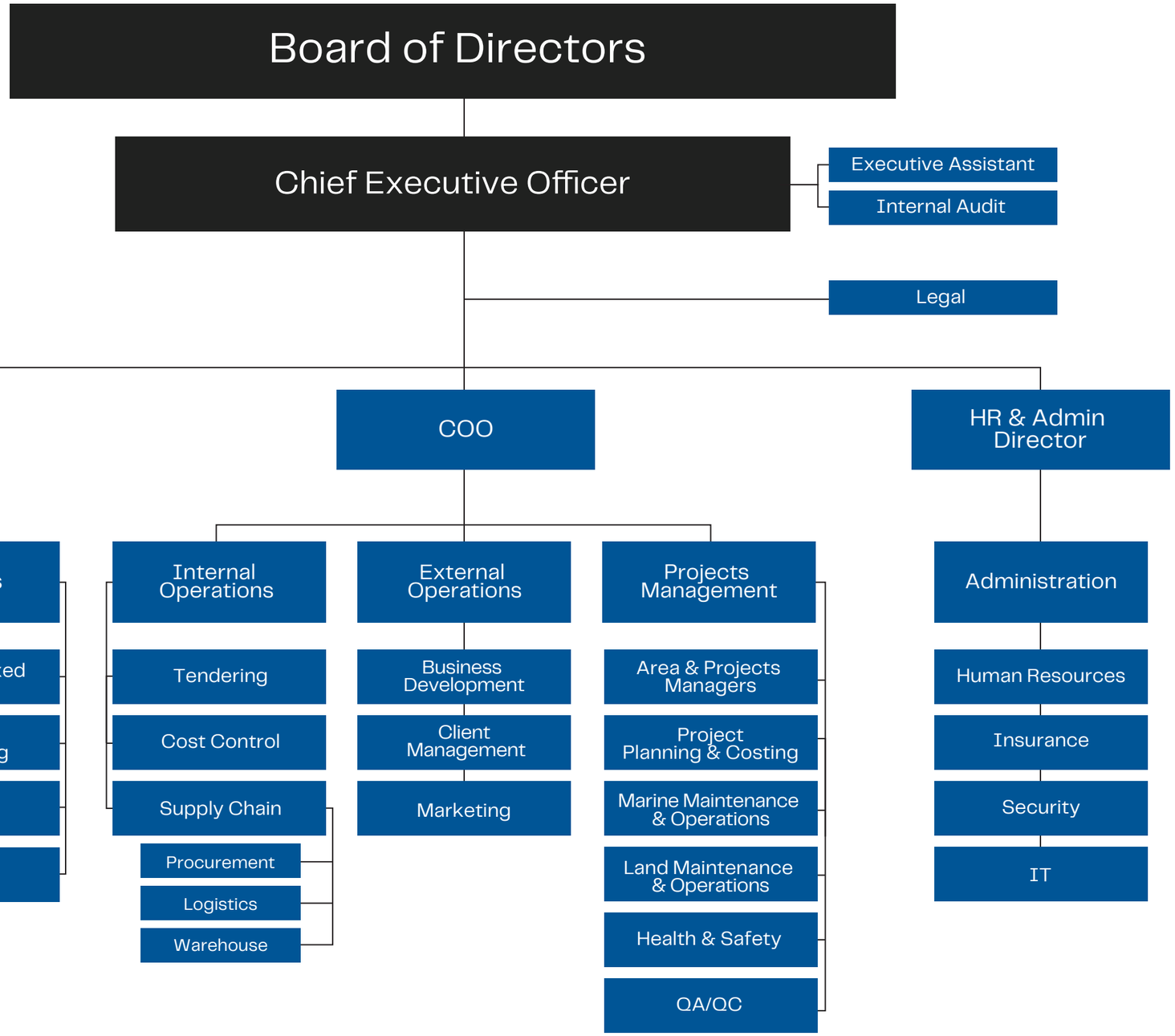
# Table of Content

# 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, Infrastructure, Landscape, General Civil Works

# Organization Chart

The Management and Supervisory stuff 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 1000, of which the majority have been with our company for 12 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 |
|---|---|---|---|---|
| Construction of Al-Laith Fishery Harbor – Mekkah Province | Al-Laith | Ministry of Agriculture | 35,244,757 | 2022 |
| 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 |
| Ras Syer - Farasan Island | Farasan | Coastal Guards | 25,725,000 | 2022 |
| 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 |
| METITO Barges Al-Shuqaiq | Al-Shuqaiq | SWCC - Metito | 22,000,000 | 2023 |
| 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 |
| Rehabilitation of Various Berths Phase I – Jeddah Islamic Port | Jeddah | Seaport Authority | 12,260,000 | 2022 |
| 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 |

| PROJECT NAME | SITE | OWNER | VALUE (SAR) | END |
|---|---|---|---|---|
| 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 |
| 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 Jizan Port | | Seaport Authority | 1,367,400 | 2012 |
| Maintenance of 4 Mooring dolphins – Jizan Jeddah Islamic Port" | | Seaport Authority | 1,260,000 | 2009 |
| Lifting and re-assemblingof Antique Boat Phase 2 – Qonfuza | Qunfuza | Ministry of Agriculture | 946,000 | 2012 |

# 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, Maintaining the quality of the lake's water Bridge construction Road works

# Jeddah Corniche

## Development of Corniche & Waterfront of Jeddah Phase 4 & 5

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.

# 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.


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.

# Alzomrd Park

# 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.

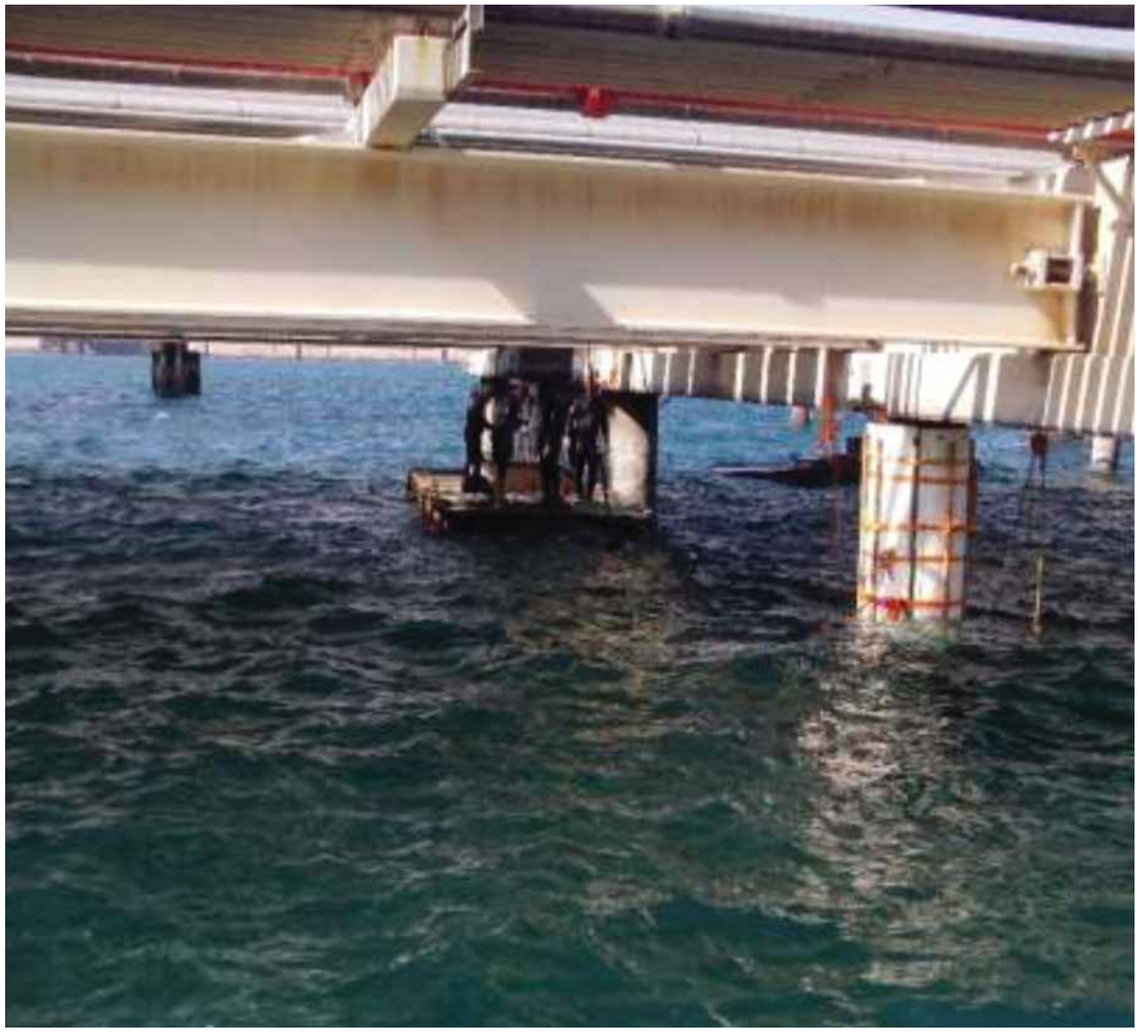
# Construction Of Two Berths
# Madaya & Farasan

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 accesso-ries (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

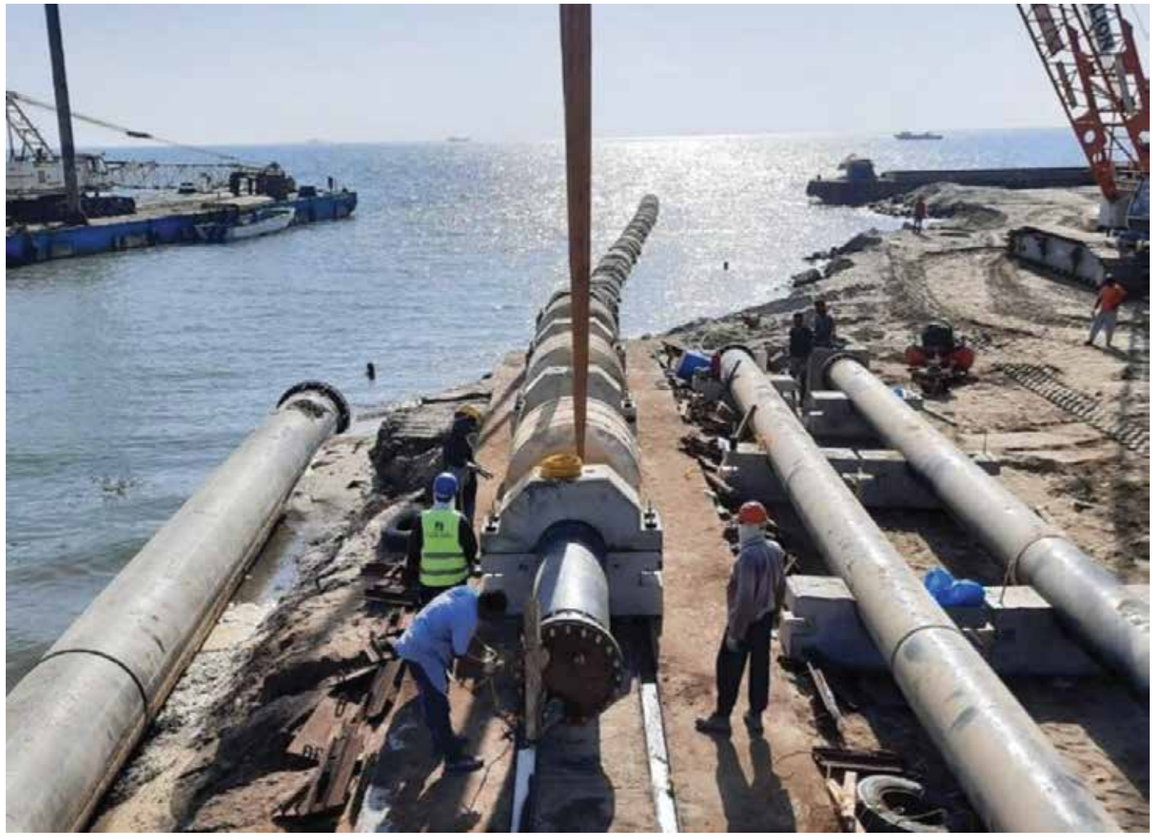
## Khobar Fishing Boats

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 asphalting. 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

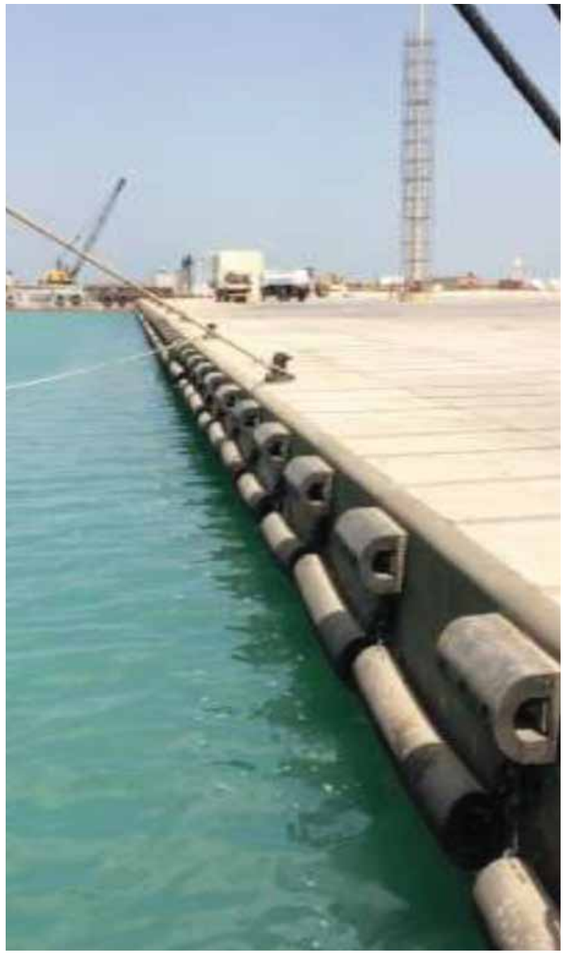
## Berth Improvements

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 copping 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 asphalting 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 asses 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 asses the hull. Relocating the vessel and its parts to the designated location.

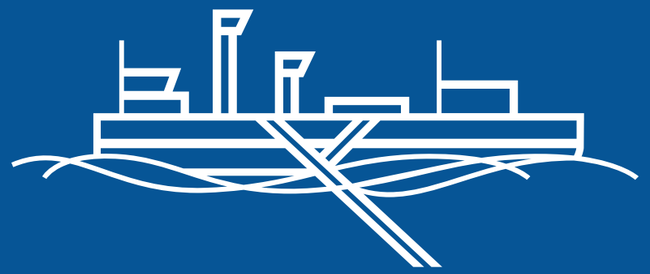
# About Us

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 activites. Therefore it is para mount that we create an environment that enforces great communication and understanding between the team members in each project, which guarantees the sucess we achieve.



# Fleet & equipment

| 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 |

| 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 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



# 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

# 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

## 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 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

## 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

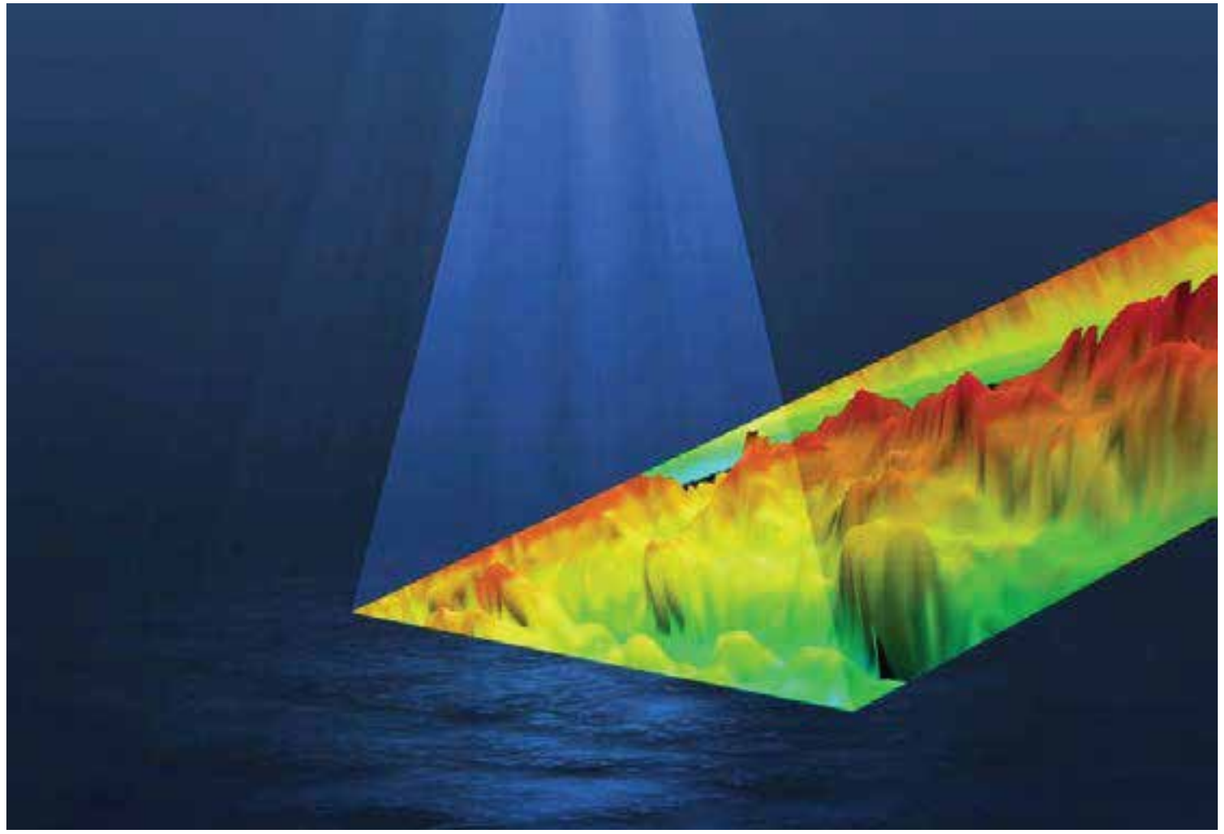


# Seaeye Tiger

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 un - surpassed interfacing flexibility with four serial ports and high-speed Ethernet ca - pability 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

## Trimple 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.



# Bank Partners

## Bank Partners

Saudi National Bank
Aljazira Bank
Alawal bank
Riyadh Bank

SISTER COMPANY

# ADVANCED CONSTRUCTION CO.

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.

# Client

ROSHN

موانئ
MAWANI
الهيئة العامة للموانئ
SAUDI PORTS AUTHORITY

المؤسسة العامة لتحلية المياه المالحة
Saline Water Converstion Corporation

كروز السعودية
CRUISE SAUDI

الهيئة العامة للأرصاد وحماية البيئة
THE GENERAL AUTHORITY OF METEOROLOGY & ENVIRONMENTAL PROTECTION

شركة روافد البناء للصناعة
RAWAFED ALBINA FOR INDUSTRY COMPANY

جدة أمانة جدة

Qatif Municipality

وزارة الداخلية

وزارة البيئة والمياه والزراعة
Ministry of Environment Water & Agriculture
Kingdom of Saudi Arabia المملكة العربية السعودية

# 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
14001:2015

Occupational Health and Safety Management
45001:2018

Quality Management System
9001:2015

Letter of Acknowledgement

Saudization Certificate

Environmental Qualification

Great Place to Work
Certified
JUN 2024-JUN 2025
KSA

Great Place to Work

Best Workplaces for Millennials
Great Place To Work. GCC 2024

Great Place to Work for Millennials

Best Workplaces for Saudi Nationals
Great Place To Work. KSA 2024

Great Place to Work for Saudi Nationals

# PCMARINE