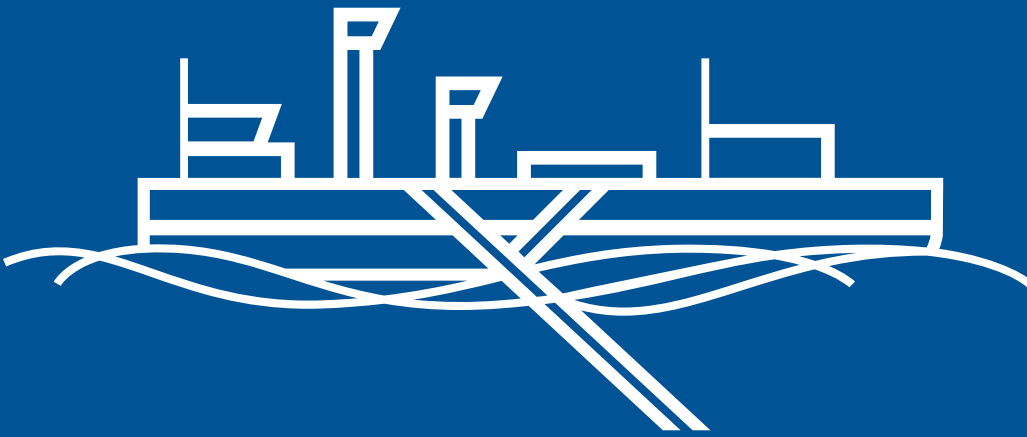


PCMARINE

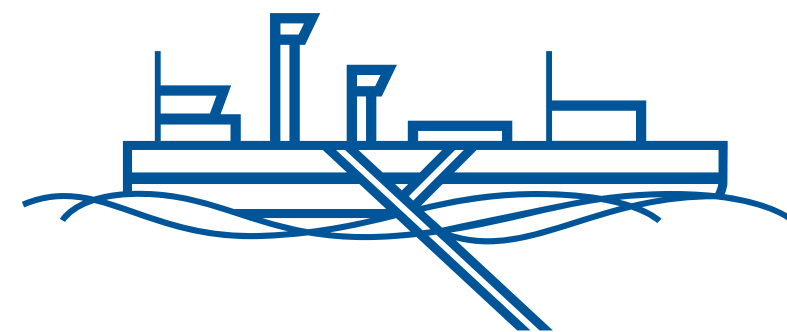


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# Who We

# Are



We take this opportunity to introduce our company, PC Marine Services, its activities and range of service and products offered to all sectors of industry and Commerce throughout the Kingdom of Saudi Arabia.

PC Marine Services is a wholly owned 100% Saudi Company established in 2002 under the Laws of the Kingdom of Saudi Arabia.

The Management and Supervisory Staff of the Company consists 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. Our business line consists of various activities related to marine works. Our projects range from ship salvaging to

dredging to port building and marine structure rehabilitation. To support these projects we have developed and trained a department specialized in running the operation of our fleet. Besides supplying our projects with the marine equipment needed, the department is in charge of our marine fleet rental operation, which consists of world-class equipment. To run the equipment properly we have hired and trained captains and marine riggers with vast experience in the field to ensure that our works are executed in the most efficient way. On another note all, the bathymetric survey is done in-house with our own equipment to reassure provided information or to survey the seabed when there is a lack of data.

In summary, within a span of a decade and a half PC Marine has evolved into a leading marine contracting company.

Our reputation with our clients speaks for itself, let alone the satisfaction of our stakeholders, especially the public.

PC Marine has decided as part of the company's vision to endeavor more and more into projects related to environmental protection and biodiversity enrichment in this field. Artificial reefs, mangrove plantations and oil spill removals have become our specialty along with the traditional projects that we execute professionally.

We are able to meet the requirement of the industrial standards including BS, ASTM, SIS, SASO, SSPC, NACE, DIN, and our customer list includes King Fahd, Industrial Port, Yanbu, Jeddah Commercial Port, Ministry of Agriculture, Coast Guard & Municipalities.



**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.



Asia Marine Consultants K.S.A is specialized in marine study and consultancy services such as lifting stations, shipping, ports operations, transportation, vessels rental and ships maintenance

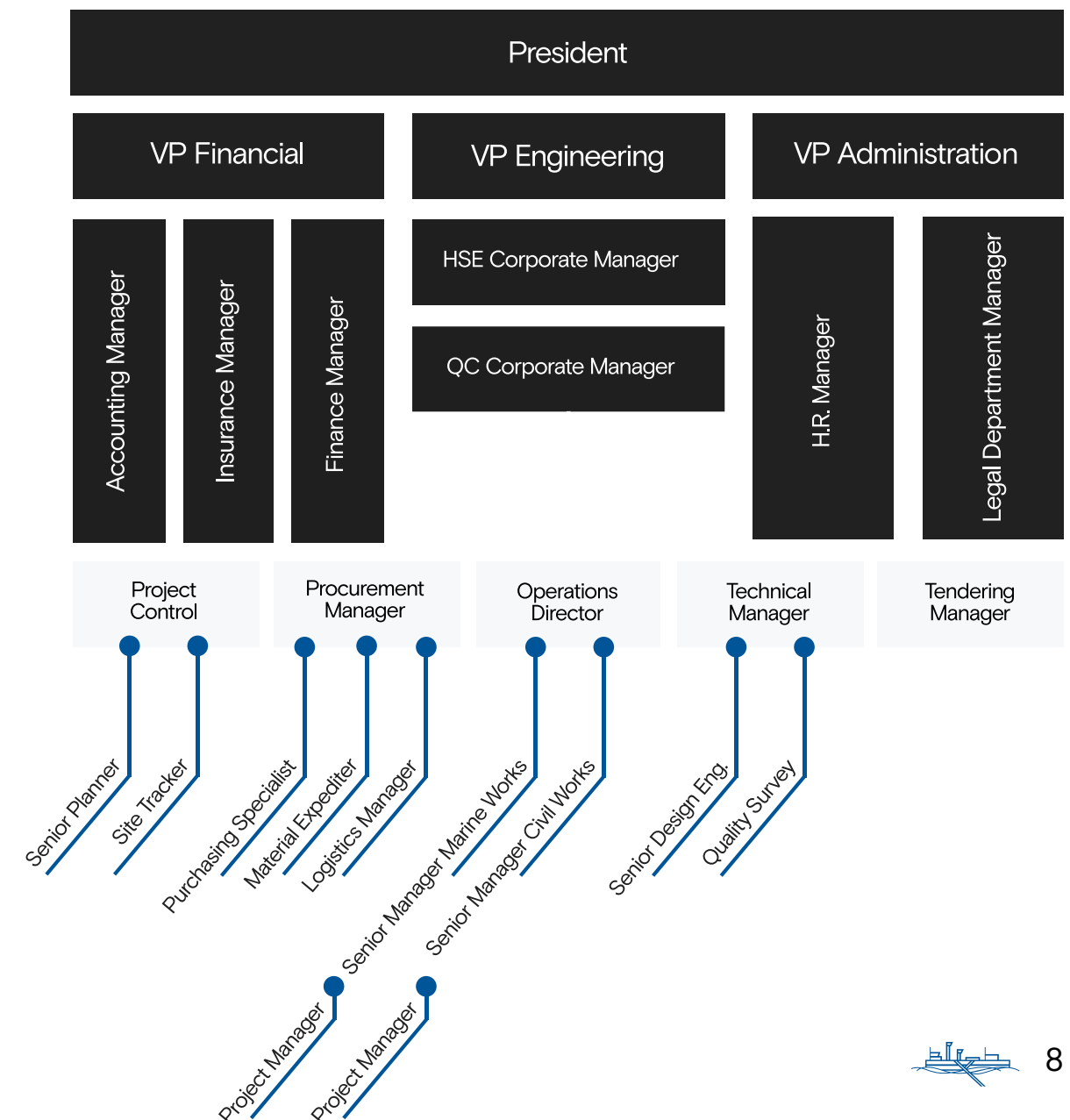
# Bank Partners

## Bank Partners

ANB  
Alawal Bank  
Bank Aljazira  
NCB  
Samba

# 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.



# Completed Projects

PROJECT NAME	SITE	OWNER	VALUE (SAR)	START	END
CONSTRUCTION OF 2 BERTHS, DUBA PORT	DUBA	SEAPORT AUTHORITY	7,858,875	31 JAN, 2012	16 FEB, 2014
CONSTRUCTION OF BERTHS TO FISHING BOATS, JIZAN	JIZAN	MINISTRY OF AGRICULTURE	102,154,207	8 MAY, 2011	4 MAY, 2014
LIFTING OF SUBMERGED BOAT & BARGE, JAZAN	JIZAN	MINISTRY OF AGRICULTURE	7,232,772	13 MAY, 2014	13 JAN, 2014
RENOVATION AND REFURBISHMENT OF EXISTING BERTHS	FARASAN	SEAPORT AUTHORITY	15,056,679	14 JAN, 2014	30 APR, 2015
CONSTRUUCTION OF BERTH 11 FOR GENERAL CARGO & YARDS IN YANBU COMMERCIAL PORT	YANBU COM-MERCIAL PORT	SEAPORT AUTHORITY	159,400,000	24 JUN, 2013	3 JUN, 2015
REHABILITATION OF BERTHS AT KING FAHD INDUSTRIAL PORT, JUBAIL	JUBAIL	KING FAHD IND'L. PORT	57,496,954	22 APR, 2014	27 JUL, 2016
CONSTRUCTION OF BERTH TO FISHING BOATS AL ABBASI IN YANBU	YANBU	SEAPORT AUTHORITY	5,160,000	2 FEB, 2015	10 AUG, 2016
CONSTRUCTION OF TWO BERTHS MADAYA & FARASAN IN JAZAN	JIZAN	MINISTRY OF AGRICULTURE	56,800,000	20 NOV, 2013	22 JAN, 2017
DEVELOPMENT OF COMICH AND WATERFRONT OF JEDDAH PHASE 4 & 5	JEDDAH	JEDDAH MUNICIPALITY	796,984,811	22 MAR, 2015	24 OCT, 2018

PROJECT NAME	SITE	OWNER	VALUE (SAR)	START	END
RENOVATION OF MARINE & SERVICE BERTHS	YANBU	YANBU INDUS-TRIAL PORT	9,813,019	24 APR, 2004	12 APR, 2005
RENOVATION OF VESSEL MAINTENANCE DOCK – KING ABDUL AZIZ PORT IN DAMMAM	DAMMAM	SEAPORT AUTHORITY	3,750,000	7 AUG, 2005	28 AUG, 2005
RENOVATION OF DOCKS 21 & 22 & SERVICE	YANBU	YANBU INDUS-TRIAL PORT	19,450,000	4 JUL, 2004	15 DEC, 2005
MAINTENANCE OF 4 MOORINS GOLPHINS JEDDAH ISLAMIC PORT	JIZAN	SEAPORT AUTHORITY	1,260,000	26 JAN, 2006	13 MAR, 2009
RENOVATION OF WAVE BARRI-ERS & ADJACENT	JIZAN	SEAPORT AUTHORITY	82,336,370	15 NOV, 2008	29 AUG, 2010
LIFTING AND RE-ASSEMBLING OF ANTIQUE BOAT PHASE 1	QUNFUZA	MINISTRY OF AGRICULTURE	2,950,000	3 MAY, 2011	2 SEP, 2011
FISHING HARBOR AT AL QUN-FUZA	QUNFUZA	MINISTRY OF AGRICULTURE	85,801,589	13 OCT, 2009	30 MAY, 2012
LIFTING AND RE-ASSEMBLING OF ANTIQUE BOAT PHASE 2	QUNFUZA	MINISTRY OF AGRICULTURE	945,000	8 OCT, 2012	19 AGO, 2012
ROCK PROTECTION TO THE CONTROL TOWER, JIZAN PORT	JIZAN	SEAPORT AUTHORITY	1,367,400	21 JAN, 2012	19 AGO 2012
TREATMENT & RESTORATION OF THE COASTAL ENVIRON-MEN, 6 MUSALAMIAH	EASTER REGION	PME	33,443,610	23 NOV, 2011	11 NOV, 2012
RENOVATION OF JIZAN PORT BERTH, JAZAN	JIZAN	AL-NAWA T.S. CO. LTD.	8,179,500	2 JUL, 2012	4 DEC, 2012
MAINTENANCE OF THE BUOYS HALF MOON BEACH	EAST QATIF	QATIF MUNICIPALITY	1,500,000	23 NOV, 2011	11 NOV, 2012
TAROOT CHANNEL DEEPENING PHASE II	QUATIF	QUATIF MU-NICIPALITY	7,858,875	5 OCT, 2011	22 FEB, 2013
TREATMENT & RESTORATIONS OF THE COASTAL ENVIRON-MENT, MRC 2 DAWHAT BAL-BOOL (EAST)	EASTERN REGION	PME	57,248,685	17 OCT, 2012	15 APR, 2013
TREATMENT & RESTORATIONS OF THE COASTAL ENVIRON-MENT, CRC 17 AL NAQWARIAH (EAST)	EASTERN REGION	PME	9,375,000	17 OCT, 2012	15 APR, 2013







# Al Abbasi

Coonstruction of berth  
to fishing ports

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



# Antique boat

lifting and reassemblance

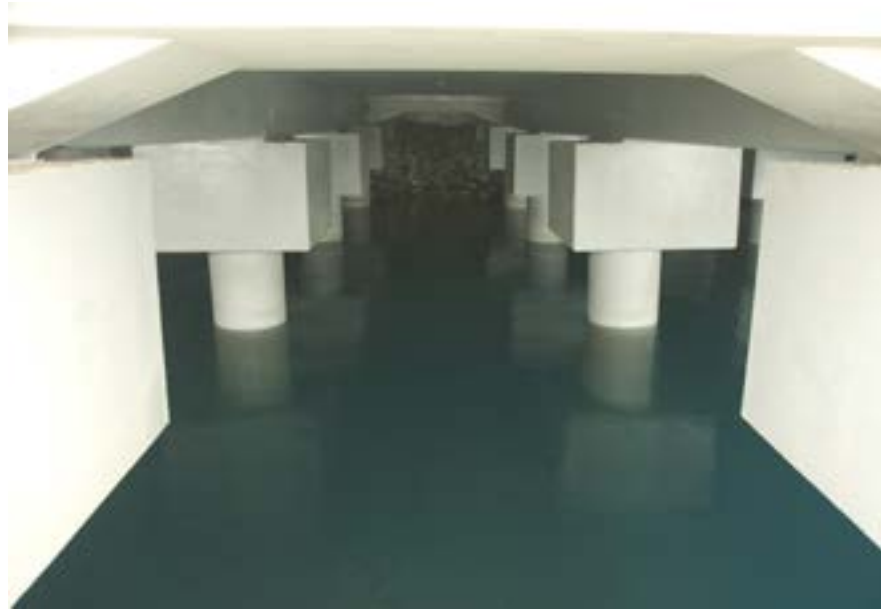
Initial cleaning of the ship of sand, animals and marine plants. Ves- sel lifted from the seabed. Place vessel in fresh water to prevent further rusting in preparation for the repair process. After assess- ing the condition of the vessel, sand and other external layers removed usin pressurized air and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



# Berth 11

renovation of marine service bearth

Dredging of 1,500,000m3 (-14.0 m for Turning Basin & -22.00 m under the quay wall). Construc- tion 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. Execut- ing the bathymetric survey using multi-beam echo sounder.



## Berth 21 & 22

renovation of marine service bearths

MISSING



## Madaya & Farasan

construction of two berths

Dredging of 300,000 m<sup>3</sup> 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 m<sup>2</sup> total area – 2 floors. Landscape, Concrete Fence, MEP works and 3 Gates. Executing the bathymetric survey using single beam echosounder



## Jizan Fishing Boats

construction of berth to fishing boats

Dredging of 350,000 m<sup>2</sup> 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 m<sup>2</sup> total area – 2 floors. Landscape, infrastructure works, Concrete Fence, MEP works and 3 Gates. Executing the bathymetric survey using single beam echosounder





# Treatment & restoration of the coastal environment Musalamiya

Coastal Remediation includes Removal of 9,158 m<sup>2</sup> Asphalt pavement De-compaction of 32,637 m<sup>2</sup>, and 169,971 m<sup>2</sup> of Physical tilling. Excavation of tidal channels 8,572 LM, and planting of halophytes (mangroves) along the perimeter 7,672 pcs.



## Nuqariya

treatment & restoration  
of the coastal environment

MISSING



## Jizan Tower

construction of control tower

The scope was to execute the slope protection and Riprap works for 300 LM. Rehabilitation of the existing caisson including under water concrete mortar injection, rock backfilling & heavy dutycover slabs.





Development of 720,281 m<sup>2</sup> of Jeddah North Cornich. 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, 2450m<sup>2</sup>, 6 pavilion and 15 shades) including pile works and WPC decking, the approximate capacity is 814 people.

# Jeddah Cornich

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





## Construction of Berths For Fishing Boats Jizan Port

Dredging of 350,000 m<sup>2</sup> 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 m<sup>2</sup> total area – 2 floors. Landscape, infrastructure works, Concrete Fence, MEP works and 3 Gates. Executing the bathymetric survey using single beam echosounder



## Deepening Phase II in Qatif Taroot Channel

Dredging of 25,000m<sup>3</sup> 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





Construction Of Berths To Fishing Boats

# Al Khobar

Dredging of 100,000 m3 in basin and quay wall trench. Construction of 130 m Breakwater, 5.0 m depth at Roundhead. 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



Salvaging of Vessel Maintenance in Dammam

# Dock-King Abdul Aziz Port

Determination of the structural and watertight 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.



# Rehabilitation of Various Berths Phase I Jeddah Islamic Port

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.





## 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.



## Construction Of Berths To Fishing Boats Al Khobar

Dredging of 100,000 m<sup>3</sup> in basin and quay wall trench. Construction of 130 m Breakwater, 5.0 m depth at Roundhead. 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 m<sup>2</sup> total area – 2 floors. Landscape, Concrete Fence, and 3 Gates. Executing the bathymetric survey using single beam echosounder





## Construction Of Two Berths Madaya & Farasan

Dredging of 300,000 m<sup>3</sup> 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 m<sup>2</sup> total area – 2 floors. Landscape, Concrete Fence, MEP works and 3 Gates. Executing the bathymetric survey using single beam echosounder



Deepening Phase II in Qatif

## Taroot Channel

Dredging of 25,000m<sup>3</sup> 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



## Rehabilitation Of Syncrolift Yanbu

Maintenance of the Syncrolift including the lifting deck (the beams and the slab). Rehabilitation of concrete fascia along the piers including the renovation of the pile caps.



# Construction Of Two Berths Dubai Port

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 (16,200m<sup>2</sup>) including reclamation and concrete asphaltting. Infrastructure works (MEP works and electrical works).



# Construction Of Fishing Boats Umlaj, Tabuk

Dredging of 65,000 m<sup>3</sup> in the basin and quay wall trench. Construction of 310m Breakwater (45,000m<sup>3</sup>) and 70m floating breakwater, 8.0m depth at Roundhead, Construction of 100m Quay wall with 3 m depth. Construction of 500LM of floating docks with a width of 3 meters. Construction of 1 Coast Guard buildings with 100 m<sup>2</sup> total area - 2 floors. Landscape, infrastructure works, Concrete Fence, and 3 Gates. Executing the bathymetric survey using single beam echosounder



# Ongoing Projects

PROJECT NAME	SITE	OWNER	VALUE (SAR)	START	END
REHABILITATION OF VARIOUS BERTHS	TABUK	COASTAL GUARD MOI	15,554,846	1 JUL, 2015	27 JUN, 2019
CONSTRUCTION OF FISHING HARBOR AT UMLUJ	TABUK	MINISTRY OF AGRICULTURE	19,600,000	1 JUN, 2015	27 JUL, 2019
REHABILITATION OF BERTHS AT KING FAHD INDUSTRIAL PORT (PHASE II)	JUBAIL	KING FAHD IND'L PORT	7,874,900	9 JUL, 2017	20 MAI ,2019
CONSTRUCTION OF BOATS LIFTING PIER AL-DOMIGHA	AL-DOMIGHA	COAST GUARD MOI	15,482,000	10 JUL, 2017	1 MAR, 2019
TREATMENT & RESTORATION OF THE COASTAL ENVIRONMENT - CRC19	EASTERN REGION	PME	39,786,530	26 JUL, 2017	26 JAN, 2020
TREATMENT & RESTORATION OF THE COASTAL ENVIRONMENT - CRC20	EASTER REGION	PME	46,196,800	26 JUL, 2017	26 JAN, 2020
CONSTRUCTION OF AL-LAITH FISHERY HARBOR - MEKKAH PROVINCE	AL-LAITH	MINISTRY OF AGRICULTURE	56,776,278	20 NOV, 2017	4 JUL, 2019



# Construction Of Berths Al Khobar Fishing Boats

Dredging of 100,000 m<sup>3</sup> in basin and quay wall trench. Construction of 130 m Breakwater, 5.0 m depth at Roundhead. 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 m<sup>2</sup> total area – 2 floors. Landscape, Concrete Fence, and 3 Gates. Executing the bathymetric survey using single beam echosounder



# Construction Of Fishing Boats Umlaj, Tabuk

Dredging of 65,000 m<sup>3</sup> in the basin and quay wall trench. Construction of 310m Breakwater (45,000m<sup>3</sup>) and 70m floating breakwater, 8.0m depth at Roundhead. Construction of 100m Quay wall with 3 m depth Construction of 500LM of floating docks with a width of 3 meters. Construction of 1 Coast Guard buildings with 100 m<sup>2</sup> total area – 2 floors. Landscape, infrastructure works, Concrete Fence, and 3 Gates. Executing the bathymetric survey using single beam echosounder



# Treatment & Restoration of the Costal Enviroment CRC 20 & 19



# 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.

## Manpower

POSITION	N°
ENGINEERS	39
SUPERVISORS	6
CAD OPERATORS	1
FOREMEN	16
LABORS (SKILLED & UNSKILLED)	158
ADMINISTRATION	54

# Equipment

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





# Multibeam Echosounder MB1

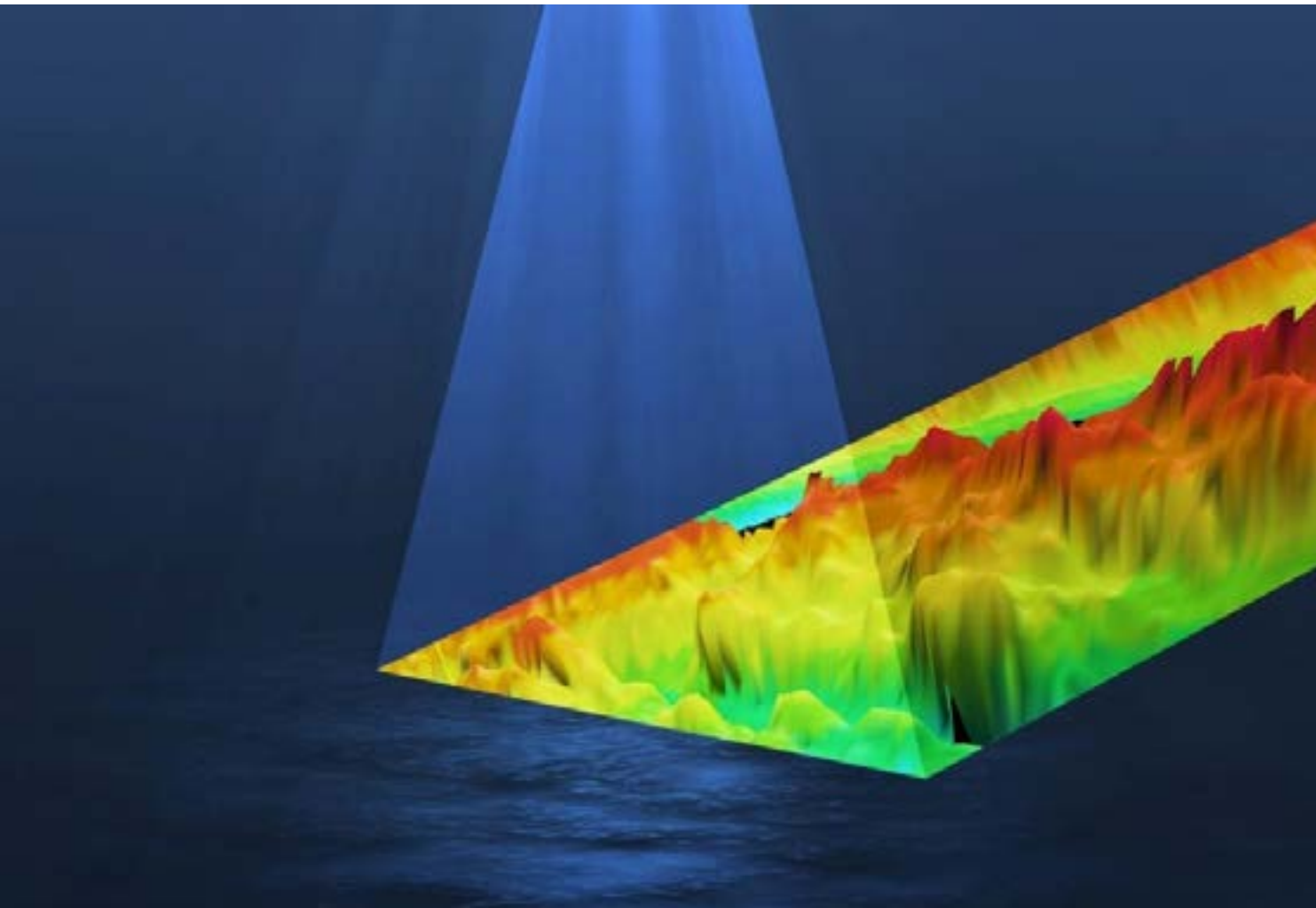
## Seaeye Tiger

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

SPECIFICATIONS	SEAEEYE 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

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.

# Singlebeam Echosounder MKII



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.

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  $0.30^\circ$  secant latitude RMS and a static heading accuracy of  $0.10^\circ$  secant latitude RMS. Whereas, the higher performance Meridian Surveyor provides a dynamic heading accuracy of  $0.20^\circ$  secant latitude RMS and a static heading accuracy of  $0.05^\circ$  secant latitude RMS.

# Positioning System DGPS

Trimble SPS

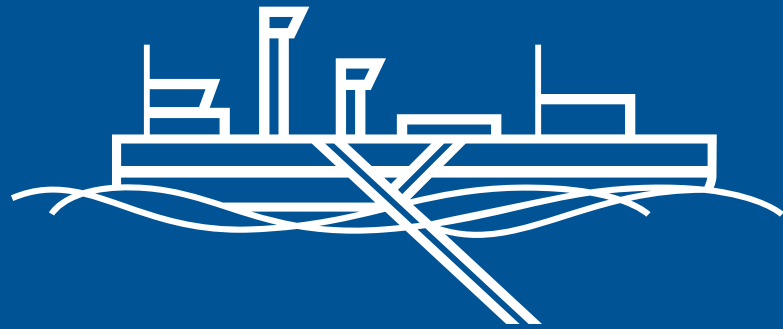
As we know about the working of GPS that how it calculates the position on earth by receiving the signals sent from the four satellites. This system works but somehow some errors might be there which reduces its accuracy. As locating the location GPS uses radio signals which travel through the atmosphere 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 station.

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.



# Jizan Port Buoys

We fabricated, supplied and installed 20 buoys  
at one of our main ports, the Jizan Port



# THE DREDGE

SERVICES	QUANTITY
DREDGER	2
BARGE	7
TUG BOAT	3
AMPHIBIOUS EXCAVATOR	1



# Coral 2 Beaver 50



REGISTRATION	SPECS
Type of Vessel: Dredger	Length overall: 58 m
Flag: Saudi	Breadth: 12.44 m
Registry: Jeddah	Depth: 2.44 m
Year Built: 2013	Draft: 2.02 m
Class: BV 23925H	GRT/Deadweight 107/357 Tons
Call Sign: N/A	



# PC Marine II Split Barge

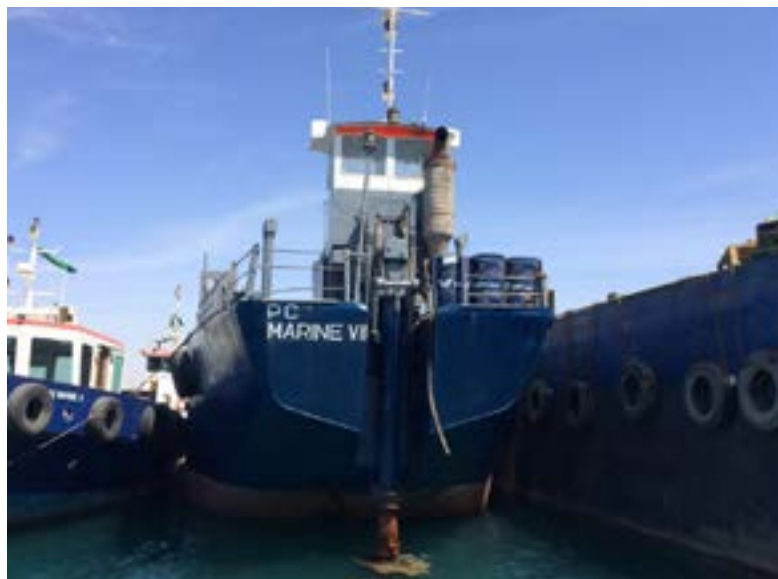
REGISTRATION	SPECS
Type of Vessel: Split Barge	Length overall: 30 m
Flag: Saudi	Breadth: 6.5 m
Registry: Jeddah S.A.2638	Depth: 2.3 m
Year Built: 2009	Draft:
Class: Al-Sindan Al Masi	GRT/NRT: 151/151 Tons
ALS/OO36/2017	
Call Sign: AIS (403253840)	

# PC Marine I Tug Boat



REGISTRATION	SPECS
Type of vessel : Motor Tug Boat	Length overall: 34.00 m
Flag: Moldova	Breadth: 10.00 m
Registry: GIURGIULESTI	Depth: 5.10 m
Year Built: 1972	Draft: 4.75 m
Class: MBS	GRT/NRT: 81/389 Tons
Call Sign: ERQO	

# PC Marine I Open Door Hobber Barge



REGISTRATION	SPECS
Type of Vessel: Open Door “Hobber” Barge	Length overall: 55.8 m
Flag: Maldova	Breadth: 8.24 m
Registry: GIURGIULESTI	Depth: 3.74 m
Year Built: 1972	Draft:
Class: MBS	GRT/Deadweight 549.7/502.86 Tons
Call Sign: ERVN	



# Beaver 65 Coral 1

REGISTRATION	SPECS
Type of Vessel: Dredger	Length overall: 32.3 m
Flag: Saudi	Breadth: 7.87 m
Registry: Jeddah	Depth: 2.44 m
Year Built: 2014	Draft: 1.45 m
Class: BV 26078X	GRT/Deadweight 91/90
Call Sign: N/A	Tons



# Andalus 5 Deck Barge



REGISTRATION
Type of Vessel: Deck Barge
Flag: Saudi
Registry: Jeddah / 17539
Year Built: 2005
Class: Al-Sindan Al Masi
Als/00039/2017
Call Sign: AIS (403242640)

SPECS
Length overall: 87.84 m
Breadth: 24.40 m
Depth: 5.6 m
Draft:
GRT/NRT: 3233 tons

# PC Marine IX Open Door Hobber Barge



REGISTRATION
Type of Vessel: Open Door “Hobber” Barge
Flag: Maldova
Registry: GIURGIULESTI
Year Built: 1974
Class: MBS
Call Sign: ERVO

SPECS
Length overall: 55.65 m
Breadth: 8.20 m
Depth: 3.80 m
Draft:
GRT/Deadweight 587.86/568.52 Tons

# Andalus 7 Deck Barge



REGISTRATION
Type of Vessel: Deck Barge
Flag: Saudi
Registry: Jeddah / 17539
Year Built: 2005
Class: Al-Sindan Al Masi
Als/00034/16
Call Sign: AIS (403242640)

SPECS
Length overall: 73.15 m
Breadth: 24.38 m
Depth: 4.88 m
Draft:
GRT/NRT: 2288 tons



# Andalus 8 Deck Barge



REGISTRATION

Type of Vessel: Deck Barge  
Flag: Saudi  
Registry: Jeddah / 17542  
Year Built: 1977  
Class: Al-Sindan Al Masi  
Als/OO038/2017  
Call Sign: AIS (403242640)

SPECS

Length overall: 35.11 m  
Breadth: 12.19 m  
Depth: 2.44 m  
Draft:  
GRT/NRT: 177.25 tons

# PC Marine V Service Boat + Multicat



REGISTRATION

Type of Vessel: Service Boat + Multicat  
Flag: Saudi  
Registry: Jeddah / S.A.2546  
Year Built: 2012  
Class: Al-Sindan Al-Masi ALS/OO8/16  
Call Sign: HZ 0757

SPECS

Length overall: 25,63 m  
Breadth: 6,73 m  
Depth: 1,45 m  
Draft:  
GRT/NRT 47.71/32.12 Tons

# Coral 2 Beaver 50



REGISTRATION

Type of Vessel: Dredger  
Flag: Saudi  
Registry: Jeddah  
Year Built: 2014  
Class: BV 26078X  
Call Sign: N/A

SPECS

Length overall: 32.3 m  
Breadth: 7.87 m  
Depth: 2.44 m  
Draft: 1.45 m  
GRT/Deadweight 91/90 Tons



# PC Marine IV Split Barge

REGISTRATION

Type of Vessel: Split Barge  
Flag: Saudi  
Registry: Jeddah S.A.2638  
Year Built: 2009  
Class: Al-Sindan Al Masi  
ALS/OO36/2017  
Call Sign: AIS (403253840)

SPECS

Length overall: 30 m  
Breadth: 6.5 m  
Depth: 2.18 m  
Draft:  
GRT/NRT: 151/151 Tons

# 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



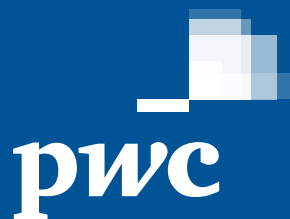
Environment Management System



Occupational Health and Safety Management



Quality Management System



Letter of Acknowledgement



Saudization Certificate



Environmental Qualification





# PCMARINE





