







Mohamed Al Rumaithi

We are proud to have started the shipbuilding industry in 1987, under the guidance of His Highness Sheikh Mohammed bin Zayed Al-Nahyan, the Crown Prince of Abu Dhabi and Deputy Supreme Commander of the UAE Armed Forces, as he is the main supporter for this industry. Therefore, our efforts were culminated by establishing AlFattan Group of companies in 2009. Since then the company grew to be one of the national entities capable of building world-class products. We are a strategic partner to the Government of Abu Dhabi and we contribute to the developing the Maritime industry. We are working hard to meet the increasing demand in building and maintaining multi-use vessels, not only in the GCC countries but worldwide. We also provide technical support to the national and private sectors, as well as training locals and expats in the shipbuilding fields.

EHI



"Through our established global network we have a global footprint servicing our client's interest worldwide."

> Mohamed Rashed Al Rumaithi Chairman

ABOUT US

AFMS is recognized as one of the fastest-growing providers of integrated offshore support, vessels, logistics, and marine services in the GCC region. It provides marine chartering, marine transportation, ship management, towages, offshore support, and medium-size marine construction projects. It delivers engineering, fabrication, project and procurement management. It builds marine piling, pontoons, quay, and breakwaters.

AFMS manages and operates a wide variety of vessels including FOSV, AHT(S), Multicat workboats, tugs, and barges, as well as numerous other vessels.

AFMS is a United Arab Emirates-based company, head-quartered, incorporated and licensed in Abu Dhabi.

AFMS is a new but old service provider. New to have established and sailed on its own. It has been trained and backed by over 35 years' experience in a variety of maritime services. It has been revealed to do such services with the support of the professional manpower with the highest experienced in the maritime industries. It has chosen manpower that has the ability and skills to deliver excellent services with integrity and dignity.

Its main focus is to build a future together with its clients through ensuring full advantage of the diverse services offered by AFMS in the Middle East and other areas across the globe.

AFMS is trusted to deliver critical support and operate sensitive facilities by military organizations. It has deep expertise in delivering economical and high-quality defense services. AFMS is an approved Department Of Defense contractor providing marine services and transportation as a vessel-operating common carrier (VOCC) for the Deployment, Redeployment, and repositioning of war and peacetime equipment and supplies to the UAE Military Forces stations and bases.





OUR COMPANY

OBJECTIVES

To value its people, partners, shareholders, clients, suppliers, community and environment.

To establish a world-class company that will:

- Commit to quality, safety, employee well-being, health, and the environment.
- Maintain the highest level of integrity to all stakeholders.
- Treat its employee and clients with dignity and respect.
- Magnify and acknowledge the accomplishment of others.
- Strive for innovation and development.
- Constantly improve performance by learning from other's experienced lesson learned.
- Empower the individuals to lead and take responsibility.
- Communicate openly and share information with the company.

BRIEF

HISTORY

AFMS has been reborn to a new level of accountability. It has expanded from a 10-year division service provider of a company to a newly established one. It has matured its own foundation with the learning experience it gained within a company. Since the growth of the Marine Division through its own effort, it has sailed into its own company. The Chairman's decision together with its board members has been a great opportunity for AFMS to become more effective and efficient in providing services to its clients. It is more than ready to endeavor a wider range of market and to embrace the opportunity of sailing on its own. AFMS is equipped to build a future together with its people, partners, shareholders, clients, suppliers, community and environment.



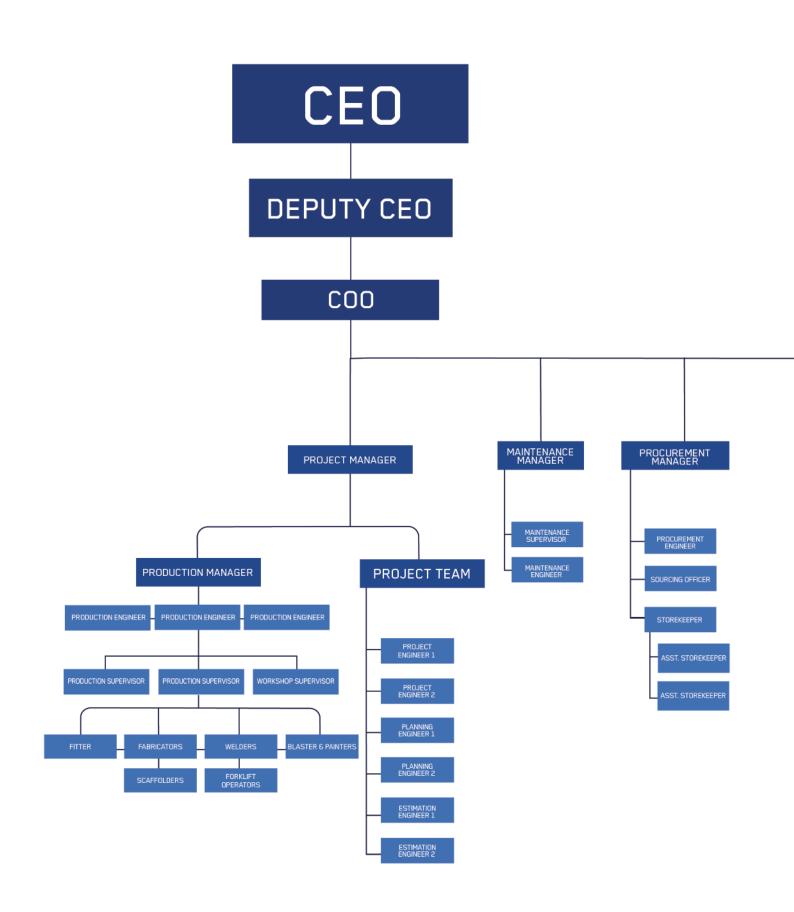




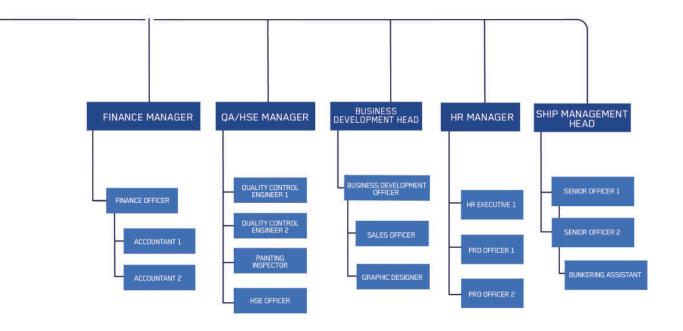
20,000 ton of steel per year

can manufacture





ORGANIZATIONAL CHART

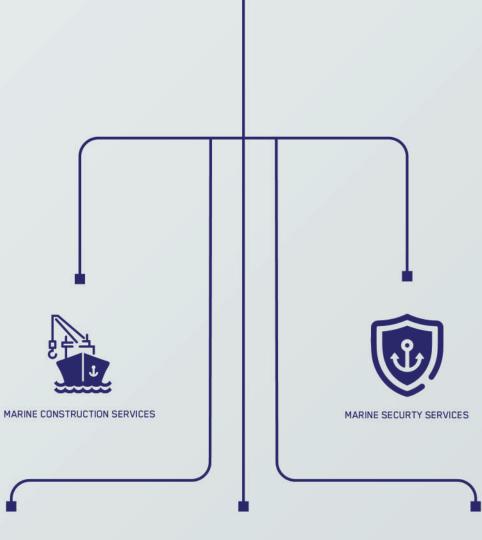


OUR TEAM















OFFSHORE ENGINEERING SERVICES

SHIP MANAGEMENT SERVICES

TRADING INDUSTRY

OUR COMPANY

SOLUTIONS

HIGHEST QUALITY AT THE CORE

SHIP MANAGEMENT SERVICES

AFMS has been reborn to a new level of accountability. It has expanded from a 10-year division service provider of a company to a newly established one. It has matured its own foundation with the learning experience it gained within a company. Since the growth of the Marine Division through its own effort, it has sailed into its own company. The Chairman's decision together with its board members has been a great opportunity for AFMS to become more effective and efficient in providing services to its clients. It is more than ready to endeavor a wider range of market and to embrace the opportunity of sailing on its own. AFMS is equipped to build a future together with its people, partners, shareholders, clients, suppliers, community and environment.

OFFSHORE & ONSHORE ENGINEERING SOLUTIONS

AFMS has been in business of marine production and farbication of standard parts. The Process of constrution products by combining diverse parts is AFMS excellent service.

MARINE CONSTRUCTION SERVICES

Civil and Structural

AFMS provides specialized services in the Construction of all type of Quay walls and Breakwaters and Revetments. There are many ways to build structures. It could be made by concrete blocks unites or sheet piles installed in the water with a flat surface etc.

MARINE SECURITY SERVICES

Protect and Serve

Maritime security services protect crews, vessels and other sea-going assets from threats while at sea or in port through a combination of se curity protocols, physical deterrents, training and armed or unarmed maritime security officers. Piracy remains the most significant threat facing the international shipping industry. Maritime security services have proven an effective deterrent to keep pirates off ships and crews safe. Major shipping companies and private yacht owners use us as maritime security company in selected regions.

TRADING INDUSTRY

Materials and Equipment

AFMS has been serving the marine industry for more than 35 years now. Aside from our world-class marine services, we also provide an array of high-quality products for ships. We know that the safety and protection of your ships are of utmost importance in this business, that's why you can oount on us for all the materials needed.





SOLUTIONS PROCESS FLOW





EPCI

ENGINEERING | PROCUREMENT CONSTRUCTION | INSTALLATION

Whether it is an offshore oil & gas field development with platforms and topsides, pipeline system, new build Jackup, or an onshore oil & gas gathering and processing system we present solutions.

AFMS engineering services include conceptual design, econogia ses, feasibility studies, process design, front-end engineering and design (FEED) details engineering, project engineering, construction engineering, installation engineering ommissioning and start-up.

AFMS provides a wide range of marine fabrication services for on and off-shore projects, new build boats, and boat repairs. AFMS includes Onshore and off-shore construction, petrochemical and refinery, and project management.

AFMS is the leading global Engineering, Procurement, and Construction (EPC) service provider in the GCC region. We have extensive experience in Oil and Sas, Petro-chemicals and Refineries, Power, Textiles, Steel and other process industries. We offer world-class end-to-end solutions from concept to commissioning including field support services to an industrial project involving engineering or technology-based processes. With our wide network of strategic partnerships, we deliver top-notch solutions and value additions to our clients, project after project.

NEW BUILDS

- Jack up Accommodation Barge
- Offshore Accommodation Modular
- Offshore Jacket
- Offshore Topside
- Lift boat
- Landing Craft
- Semisubmersible Barge
- Wellhead Platform
- Crude Storage Tank & Silo
- Pipe Rack

CONVERSION

- Jackup Accommodation Modular
- MOPU
- Landing Craft
- Floating Barge

OIL & GAS FIELD DEVELOPMENT (OFFSHORE & ONSHORE)

- Pad sites
- Gathering systems
- Processing systems

ENGINEERING

Expert engineering is the foundation for any EPCI project from concept through completion for both onshore and offshore oil and Marine Field projects. Our engineering competencies create effective solutions for specialized fabrication, new build manufacturing (fixed or mobile), repairs, upgrades, and conversions.

The AFMS engineering team is comprised of both in house engineers, and when necessary, we access our network of strategic engineering partnerships. This model assures that best-available engineering expertise is available and executed through all project phases.

The AFMS client-focused Engineering team provides exceptional engineering services using leading-edge technology. AFMS exceeds industry standards with best-in-practices scope design, budget tracking / reporting, and an extensive engineering portfolio thoroughly executed through all project facets.

AFMS ENGINEERING PORTFOLIO INCLUDES

PROJECT MANAGEMENT:

AFMS offers project management through all engineering facets – from concept development through engineering, construction and commissioning.

MECHANICAL:

AFMS welcomes all size engineering projects from small maintenance upgrades, to major plant expansions/improvements, and new facility development.

ELECTRICAL:

AFMS offers standard electrical engineering services along with state-of the-art control system design and implementation.

PIPELINE ENGINEERING SERVICES:

AFMS Pipeline team offers maintenance and operating services, as well as expert project.

CIVIL STRUCTURAL:

AFMS Civil Structural team has been developed to include top engineers, designers, and drafters highly-capable of providing a full range of civil and structural engineering services

PROCUREMENT

Our supply chain is completely integrated with our global project teams around the world to ensure that we fully serve the needs of our clients.

AFMS systems ensure transparent, effective control over projects, giving our clients confidence that we are able to provide timely supply and delivery, complete status reporting throughout the project and all necessary coordination. Our team has been working in a project environment for many years and understands priorities and the potential impact on a project.

Our Global Value Sourcing initiative has helped to better leverage the potential of our global procurement chain: This applies to both pricing and to conditions, as well as to the collaboration with our suppliers to drive product innovations.

KEY FEATURES

- Planning and control of material cost development
- Analysis of the purchasing culture of competitors
- Develop the procurement strategy
- Supplier development
- Supplier evaluation
- Negotiate prices and terms of payment with the supplier
- Market intelligence and research

الفـان للحدمات البحرية ALFATTAN MARINE SERVICES

CONSTRUCTION

A major strategic advantage that AFMS offers for EPCI execution is the ability to provide world class fabrication that complements the project management and engineering efforts for major offshore projects.

Our world -class, up-to-date fabrication facilities are strategically located within the Al Sader Port, Abu Dhabi, United Arab Emirates. Our yard facility was developed exclusively for onshore and offshore oil and gas projects specific to the Middle East, and offers full service construction competencies delivered to the highest international standards of quality and safety.

The AL SADER yard is managed by a highly experienced, international team who seamlessly interface with engineering teams and who utilize their collective experience in oil and gas construction to ensure projects are approached with attention to detail for every aspect of construction through to completion.

OUR CONSTRUCTION YARD IS FULLY EQUIPPED TO TARGET THE BROADEST RANGE OF PROJECTS:

- 300,000 meters square of ground space
- Annual steel fabrication capacity of 20,000 MT
- Quality Lifting and Material Handling Equipment, Scaffolding,

OUR WATER JETTY UNIQUELY FACILITATES PROJECTS OF ALL SCALES:

- 3000 meters of dedicated deep-water Jetty
- Load-Out, reinforced Jetty with over 20 ton/m2 capacity
- Water depth of 6.5 meters at CD (Tidal Range ±2.0 meters)

DESIGNATED, SPECIALIZED WORKSHOPS:

- Blasting (grit, sand)
- Painting
- Piping
- Plating
- Storage Buildings
- Mechanical
- Electrical / Instrumentation
- Exceptional Fabrication Capacity:
- Output: 18,000 MT per year
- 24 Hour Facility Run

INSTALLATION

AFMS considers project installation as a focal aspect of each project. A project is not considered finalized until a successful installation has been undertaken.

Our installation competence combined with our exceptional transportation expertise allows AFMS to offer an integrated, highly effective, and seamless EPCI portfolio and experience to our clients.

PROJECT MANAGEMENT

Project Management is the one crucial factor in all projects and we take seriously. AFMS is equipped with Qualified & Experienced personnel to meet all the Client requirements of any project assigned. The proactive approach of the AFMS Project team facilitates the identification & handling of project risks well in advance, thus meeting the required project needs.

PRIMARY AREAS

- Contract Administration
- Risk Assessment
- Opportunity Assessment
- Project Planning & Scheduling
- Sub-Contractor Management
- Procurement & Logistics
- Project Execution, Monitoring & Control
- Project Close Out

Depending upon the requirements of any given project, dedicated AFV\$ teams can manage projects in their entirety or AFMS PMT (project management team) can be integrated into an existing ongoing Project.

In any case AFMS Project Management System and Procedures will support the project team to the fullest. These cover all the aspects of a project:

- Tendering & Contracts
- Risk Management
- QHSE
- Design Management
- Subcontractors, Suppliers and Consultants
- Other detailed system procedures



CONVERSIONS & REFURBISHMENTS

AFMS focuses talent on a broad range of projects, small or large. We welcome even small repairs, yet we are fully equipped and capable of expertly executing full build projects, refurbishment or replacement of obsolete or damaged equipment.

We consistently reach exceptional standards of safety and operational excellence by utilizing our skilled talent to deliver even complex projects in the highest quality, within our clients' specs, timeline and budget parameters.

- Helideck and Accommodations: total rebuild, refurbish, upgrades, replacements
- Vessel Hull equipment, engine replacement
- Electrical -through all applications
- Piping -through all applications
- Jackup Leg Repair
- Jack up rig conversion

ONSHORE & OFFSHORE MAINTENANCE & RECONDITIONING

As part of its vision and promise to deliver full scope solutions, AFMS has established a division that provides complete operations and maintenance services to the offshore industry.

This expert team is comprised of some of the industry's most experienced personnel with combined experience of 30 years. The team provides critical and regular input into the clients' LIVE Field Asset to ensure that their particular offshore unit life-cycle plan is precisely executed.

AFMS has a formidable knowledge base, experienced personnel, high-quality equipment, and the logistical expertise to complete the most difficult and challenging offshore maintenance situations. We are committed to providing significant quality and value to the offshore industry in the execution and delivery of Fabrication, Technology and Engineering.

KEY SERVICES

- Sandblasting
- Electrical
- Instrumental
- Welding
- Piping
- Offshore Production Platform
 Equipment service and maintenance

OFFSHORE & ONSHORE CONSTRUCTION

AFMS executed offshore fixed structures (topside platforms, control buildings and process modules). Our scope includes refurbishment, fabrication of fixed structures like topside living quarters, control buildings, and process modules.

AFMS has limited experience completing project in the onshore construction market. Our long-term goal is to utilize our exceptional offshore construction experience and further develop talent to address the onshore construction market.

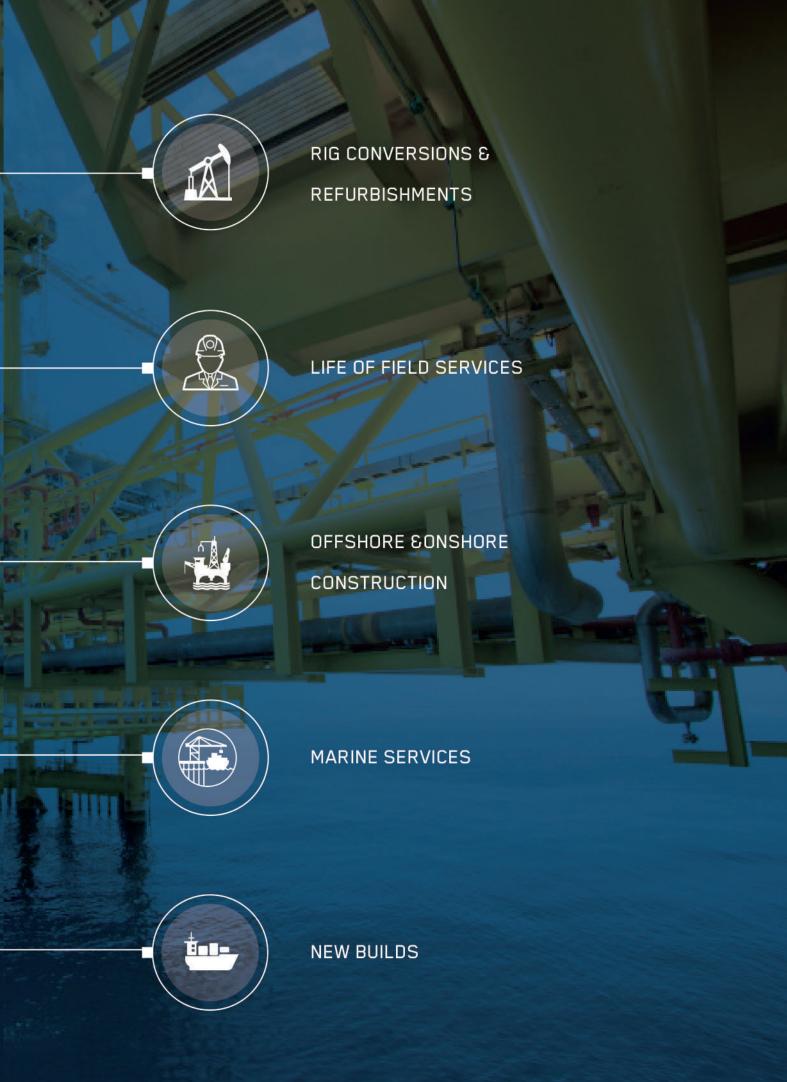
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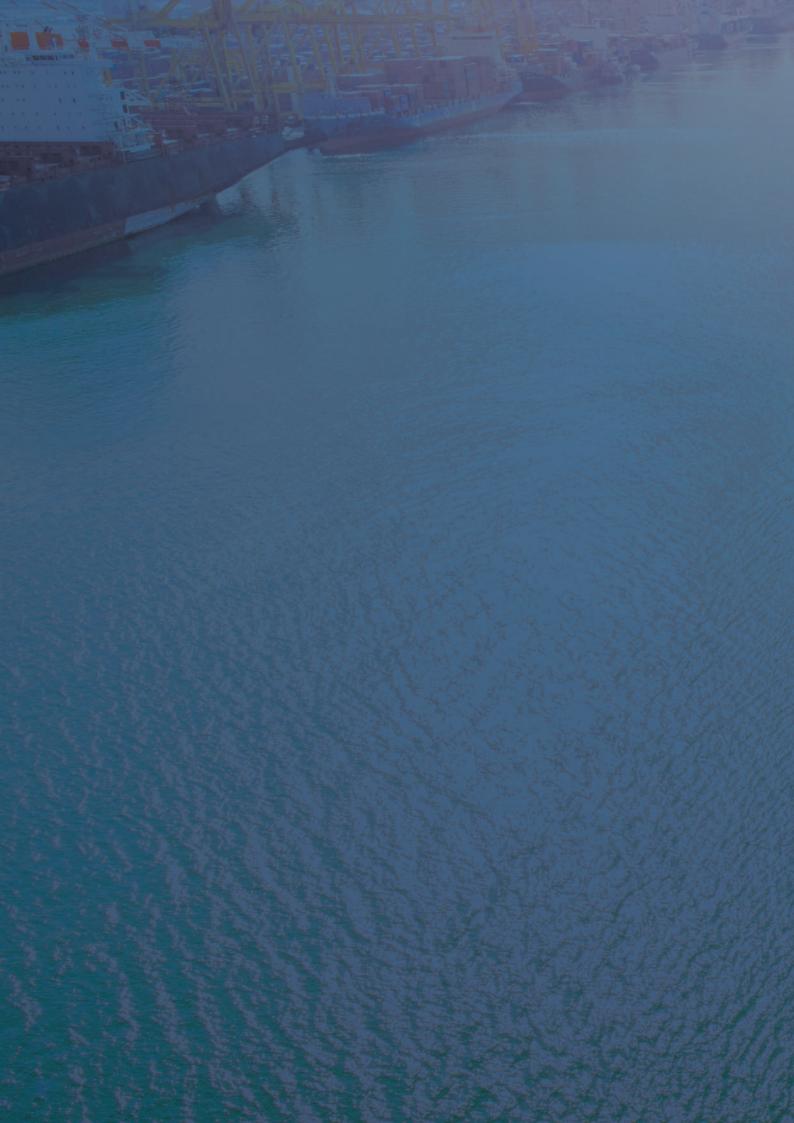
SCOPE OF WORK

- Offshore fixed structures (utility, process, LQ's, WH's, PUQ's)
- Lifeboats and Lift barges
- Living quarters
- MOPUs and process barges
- Floating offshore facilities
- Pipe rack and Heavy structure
- Offshore rig components and accessorie













AFMS is aware of the increasing number of shipping companies ship management services nowadays. In the with this we offer the solutions in the marine industry.

OFFSHORE SUPPORT SERVICES

AFMS main service is Marine Logistics & Offshore Support Services. It is an honor for AFMS to be part of Global Supply Chains through logistics services. It is equipped with the facilities to transport goods between two or more seaports by sea. It has the responsibility to flow of materials from the suppliers into an organization especially oil field needs clients, through operations within the organization and then out to clients. It delivers offshore support services regularly to carry goods, supplies, individuals in addition to the crew, or equipment in support of exploration, exploitation, or production of offshore mineral or energy resources.

MARINE CHARTERING

One of the company's core activities has always been vessel chartering. Al Fattan Marine Services is an owner, manager, and operator of a wide range of high operating vessels with the latest technology which caters to every requirement of our clients. Our fleet comprises of Barges, AHTS, Shallow Draft Landing Crafts, High Capacity Crew Boats, Floating Accommodation Barges, Tugs and Barges, Multi-Cats, etc.

We are equipped to undertake some various offshore projects in addition to the execution of many specialized and exclusive chartering services including Anchor Handling, Offshore Construction & Maintenance, Offshore Accommodation, and Drilling Services.

SHIP OPERATION

AFMS extended its scope of services to include a full range of ship management services for our clients. While other companies focus on quick growth and expansion, our aim is to ensure that our ship management procedures and staff are able to provide sustainable, first-class care to the vessels entrusted to us. We take pride in our clear-cut and transparent reporting which keeps our customers regularly updated regarding vessel performance and financial situation. Currently, AFMS manages a substantial number of ships from different offices across the GCC region.

TOWAGE & MARINE TRANSPORTATION

As a major supporter of the elite marine construction companies, we have the expertise and equipment to provide safe and reliable marine transportation and logistics services for cargo movement and offshore construction projects. With our high-horsepower tugboats, we can provide marine transportation solutions for your unique and challenging needs.

Our experience in handling single and double towages allows us to undertake long towages worldwide. We have a respectable record of transporting aggregates and rocks for jetties and port constructions, as well as participated in mobilizations of many types of cargo from, and to different locations which have become a remarkable achievement and milestone in the history of our career.

SALVAGE SUPPORT

AFMS provides Logistics and Site Coordination Support to Marine Salvage Companies, ranging from Personnel Support, Support Vessel Chartering & Coordination, Liaison with local authorities, shipping agents, customs brokers, clearing and arranging delivery of Salvage Equipment to and from Casualty Work Sites.

BUNKERING & ANCILLARY SERVICES

AFMS offers bunker services. Our goal is to meet and satisfy the requirements of our clients, providing excellent service and high-quality fuel products at the most competitive prices. Our years of experience in the field have given us the opportunity to establish a well-developed infrastructure for delivery, storage, and bunkering of marine fuel. All of our barges have impressive pumping rate to provide the speed and flexibility our clients need and expect. We always strive to offer premium marine fuel products in the UAE.

MARINE LUBRICATION

We offer a complete range of high-quality marine lubricants that help protect engines and equipment, as well as enhance efficiency. They're all backed by our industry-leading technical support and services, which are designed to enable optimal performance in marine operations.

Marine lubricant and marine fuel testing are also included in the range of our marine oil and lubricants service.

OFFSHORE SUPPLY SERVICES

Our highly professional logistics team provides offshore supply services by aviation logistical support and by a fully comprehensive marine-based logistical support. We are clearly focused on meeting client satisfaction and retention. We aim to sustain safe, environment-friendly operating practices that comply with the relevant national and international codes and regulations, applicable standards, guidelines, and client requirements.

OFFSHORE OIL & GAS MAINTENANCE SERVICES

Maintenance & refurbishment of Rigs & Platforms, fabrication of Topsides and other steel fabrications to support the offshore EPCI companies and the leading oil-producing companies. AFMS has extensive experience in providing services to offshore receiving and processing facilities. We offer an innovative and flexible approach to providing engineered solutions to the Oil and Gas Industry.

UNDERWATER SERVICES

AFMS is an ADCI certified diving company and provides in water services under Class approvals of DNV-GL, Lloyds, ABS, NKK, RINA, BV, and RMRS. We provide services for onshore, offshore, ship husbandry and oil & gas industries. We carry out high quality and fast underwater inspection and cleaning operations or any other maintenance and repair work on offshore units.

DREDGING SUPPORT

AFMS provides representation, information services and assistance to International Dredging and Marine Construction which includes but not limited to tender preparations and the execution of projects, sourcing material, support, and tendering equipment. Our vessels have supported a huge number of dredging projects in the Gulf region.

FLEET MAINTENANCE & REPAIR

Fleet maintenance may be the single most critical aspect of managing your fleet. AFMS offers a full range of managed maintenance services to help you keep your fleet on the water. With preventive and comprehensive maintenance, count on AFMS to ensure that your fleet performs safely and reliably day in and day out. We provide ship owners and managers an unsurpassed, reliable and professional vessel maintenance and repair services in the Middle East region.

MARINE & INDUSTRIAL REPAIR SERVICES

With our strategic location in Abu Dhabi, UAE, AFMS provides an extensive range of marine and industrial repair services throughout the United Arab Emirates and the Middle East. With our wide expertise and experience in the marine industry, we are able to provide repairs, maintenance, refurbishment, plant shutdown, fabrication, and engineering solutions to a wide customer based of marine and industrial clients. We offer a total solution with respect to retrofitting, major repairs, conversions, and industrial shutdowns.

GOODS MARIN SHIPMENT SERVICES

Be it logistics assistance, or movement of cargo from one port to another, bulk, automobile or oversized project cargo, AFMS ensures you of reliable and efficient service. With our team of highly experienced and competent personnel, we guarantee to maintain the highest level of professionalism and exceed the expectations of our clients at all times.

COMMERCIAL SHIPS RENTAL

AFMS is able to supply top-quality vessels that are approved by ADNOC vetting and national regulations. We have the ability to construct or modify our marine vessels depending on our client's lead time and marine project requirements. We have established a good track record over our operational years and we always strive for excellence in every project we undertake.

SEA SHIPPING LINES AGENTS

At AFMS, your cargo is our responsibility. We are a leading global container shipping company in the Middle East. With our extensive years of experience in the industry, we promise to provide you with professional, reliable and prompt communication services. Our team of dedicated and highly-trained personnel can timely respond to the changing needs of various forwarders, merchants, NVOCC, and Main Liner Operator.



OUR COMPANY FLEETS



VESSEL PARTICULARS

Cutter Suction Dredge Type 40.8 x 9.7 x 2.9m Hull Spud carriage 17 x 4.8 x 2.85m Draft 1.5m

OPERATING PARAMETERS

Nominal Digging Depth 2 to 16m **Sunction Diameter** 609.6m Discharge Diameter 609.6m Dredge Weight 258,213 kg with Spud Carriage 332,000 kg

MACHINERY & POWER

Total Installed Power 2,103.5 kW

Main Power 1,618 kW Cutter Power 294 kW

DESCRIOTION

C-Clock Size C-2V 427 Cutterhead 1 Door, Engine Side 1 Door, Sunction Side 1 Impeller (55" 3 Vane) 1 Impeller, 50" 3 Vane Used 1 2 Impeller, 55" 3 Vane Used Impeller, 62" 3 Vane Use 3 Liner, Hub (Back door) 2 Liner, Sunction 3 Pump Shell 1

Pumpshell-used 1 Reduction Gear, Cutter 1 1 Shaft Assembly (Complete) Impeller Shaft 1 Tooth, Narrow Chisel (Uncoated) 38 Tooth, Pick Point (Uncoated) 400 178 Toor, Wide Chisel (Uncoated) Wing Adapter, R/H 18 1 Coupling (Falk) 1 Coupling half, Cutter 150m Steel Pipe 1 A' Frame Barge 1 Pontoons for Pipes



VESSEL PARTICULARS TANK CAPACITIES NAVIGATION & COMMUNICATION GT 1252 375 SYSTEM Sunction Dredger MAIN DECK Type TANK CAPACITIES CCS CO2 Room Classification VHF DSC Living Room FDlag State China 2 x 138m Fuel Oil Tank PORTABLE VHF 2 Pumps Control Room 2 x 107m 1 SART **HULL PARTICULARS** messroom 1 2 x4.6m Fuel Oil Tank **EPIRB** 1 1 **Hull Material** Mild Steel Pantry Filtered Lub. Oil Tank PA & Loud Hailer System Toilet c/w Shower Facilities 85m Length Hydraulic Oil Tank Filtered Length Between Ballast Tank Filtered UPPER DECK

2 Man Cabin

1 Man Cabin

Charger

Battery Room

4

4

1

Filtered

Filtered

14pax

Fresh Water Tank

ROOMS & COMPARTMENTS

Dirty Oil Tank

Total Crew

66m

15m

4.20

2.60

Particular

Breadth Moulded

Depth Moulded

Scanting Draft



Ship Name AL FATTAN DOCK (ex CHIOS)

Type FLOATING DOCK

Flag U.A.E.

Port of Registry ABU DHABI
Class Rina
Built 2013

Official No. 8520
Call Sign N/A
IMO No N/A

Deadweight 8145 Ton

PRINCIPLE PARTICULARS

Length Overall 105.72m Length BP 105.72m Beam Moulded 40.00m Depth Moulded 3.50m Draft Design 2.7m GRT 4621 NRT 1386 Clear Deck 102M X 40M Hull Steel

10 T/m²

Deck Load

GENERATOR - MACHINERY

Main Engines N/A

Generator 220/440V Nippon Sharyo NES45EN 50/60Hz
Compressor HP 375 2 X air compressor Ingersoll Rand

Hydraullic Power Pack 1 unit Cntrol Panel Ballast system 1 unit

1 unit X 6' Selenoid Cabinet 1 unit X 10' Control Panel

DECK MACHINERIES

Anchors 6900 KG
Anchors Chain 52 MM WIRE
Anchor Windlass 50 TONS
Towing Hook N/A

COMMUNICATION/NAVIGATION EQUIPMENT

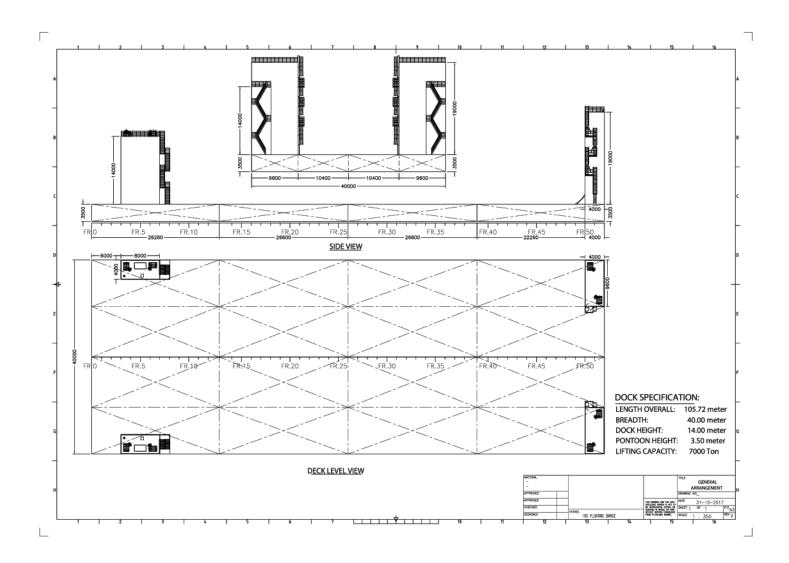
VHF N/A GPS N/A

NAVIGATION LIGHT Solar Navigation Barge

ALFATTAN DOCK

GA PLAN





DELMA II





VESSEL'S PARTICULAR

Vessel Name Delma II Type LCT Official Number N/A Call Sign N/A Lenght Over All 36.00M Lenght Between Perpendiculars 35.00M Beam Width 10.20M Depth Amidships 2.52M Draught Fully Loaded 1.95M

DWT 435MT GRT N/A NRT N/A

Clear Deck Area 17m X 9m (153 M)

Speed ABT 8 KNT

Fuel Consumption Main Eng + Generator = 44 IG / HR
Fuel Capacity for Vessel Fuel Oil Tanks P/S = 8.88 MTS
Daily Oil Tanks P/S = 8.88 MTS

FRESH WATER CAPACITY FOR VESSEL USE

Bow Ramp Dimension 4.40 X 6.00M

Accomodation 03 Cabin for 8 persons

Main Machinery 2 X 365B.H.P / Catepillar D343T4

Generator 2 X 67.20 Kohler

2

THE DOCK Floating Dock





REGISTRATION

Ship Name The Dock FLOATING DOCK Type Flag U.A.E. Port of Registry ABU DHABI Class N/A Built 1977 Official No. N/A Call Sign N/A IMO No N/A 1300 T Deadweight

PRINCIPLE PARTICULARS

Length Overall 75 m

Breadth Moulded 21 m outside and 16 m inside

Depth Moulded 9 m
Draft Design 1.7 m
GRT 1522 T
NRT 610 T

Docking Capacity 1300 T Hull Steel

GENERATOR - MACHINERY

Main EnginesCatterpillarGenerator400 KW/HOURCompressor HP 375N/AHydraullic Power PackN/ACntrol Panel Ballast system1 unit1 unit X 6'N/A1 unit X 10'N/A

ACCOMODATION

1 room 4 persons

COMMUNICATION/NAVIGATION EQUIPMENT

VHF N/A GPS N/A

NAVIGATION LIGHT Solar Navigation Barge



VESSEL'S PARTICULAR

Ship Name Marawah
Type LCT
Hull Number 102
Official Number 2073
Call Sign A60N
Port of Registry Kuching

Builder's Name Address Piasau Slipways SDN BHD

Lot 516, Piasau Industrial Estate

P.O.BOX 1599 98008 MIRI, Sarawak East Malaysia

Date of Build Nov. 1998

Ship Speed 9 Knots
Output of main Engine 1060 BHP @ 1200 RPM

Gross Tonnage 3463 Tons Net Tonage 1039 Tons

PRINCIPLE DIMENSIONS

 Lenght O.A
 88.00 MTRS

 Lenght BP
 82.20 MTRS

 Breadth MLD
 21.60 MTRS

 Depth MLD
 4.80 MTRS

 Extreme Draft
 3.406 MTRS

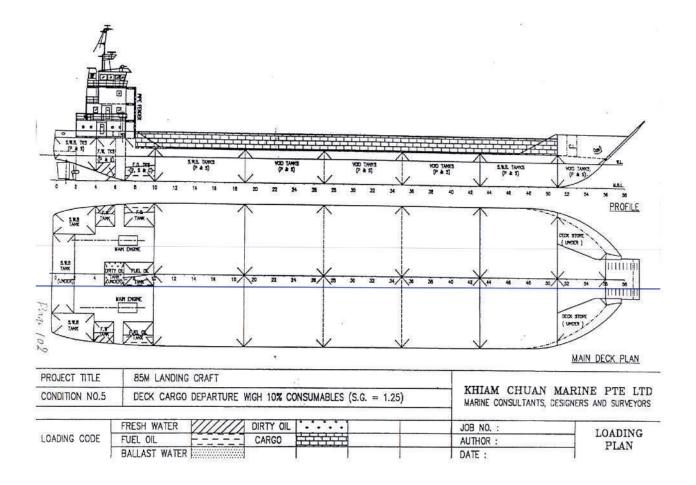
 Displacement
 5294.34 Tonnes

 Light Ship
 1313.54 Tonnes

MARWA 1

Floating Dock





REGISTRATION		Hull Discharge Rate	Steel 850 MT/Hour	ACCOMODATION	1
Ship Name	MARWA-I	Crane X 2	10 TON	3 rooms	4 persons capacity
Type	FLOATING DOCK			3 rooms	1 person capacity
Flag	U.A.E.	TANKAGE			
Port of Registry	ABU DHABI	Fuel Oil	176.6 ton	COMMUNICATION	/NAVIGATION
Class	N/A	Fresh Water	134.20 ton	EQUIPMENT	
Built	1978	Sewage Water	N/A		5
Official No.	N/A			VHF	2 units
Call Sign	N/A	PROPULSION - MACHINERY		GPS (Garmin)	1 unit
IMO No	N/A			NAVIGATION LIGHT	DC Navigation Lights
Deadweight	6400 T	Main Engines	catterpiller	Radar (Rino)	1 unit
		Generator 50 kv	2 unit		
PRINCIPLE PARTICULARS		Compressor HP 375	1 piece		
to waste and		Hydraullic Power Pack	2400 HP		
Length Overall	88 m	Control Panel Ballast system	2 unit		
Length B.P	82 m				
Breadth Moulded	21.6 m	DECK MACHINERIES			
Depth Moulded	4.8 m	Anchors	3		
Draft Design	3.6 m	Anchors Chain	10 knots		
GRT	2380 T	Anchor Windlass	Wire		
NRT	1939 T	Towing Hook	N/A		
Docking Capacity	2500 T	10Willig Floor	TACK!		



Ship Name ALFATTAN 4
Type LCT
Flag U.A.E.
Port of Registry ABU DHABI

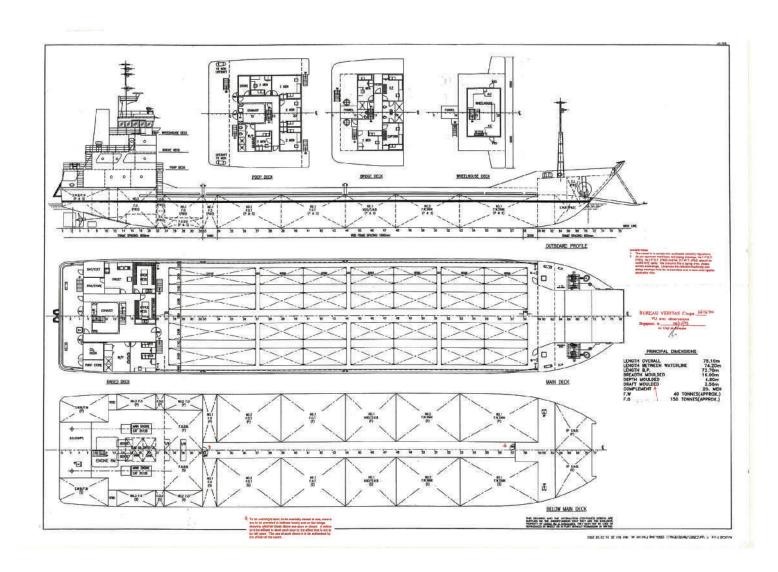
PRINCIPLE PARTICULARS

Length Overall	78.1m
Length BP	72.7m
Length WL	74.2m
FWD Mast Hight from W.L	11.3m
Main Mast Hight from W.L	18.4m
Deck Beam Deck Area Beam	16m 896m2 16m
Draft From W.L	3.5m
Defth From	
Main Deck	4.8m

Displacement	3415.88 T		
Max. Speed	10 KNOT		
Eco. Speed Operation Range	8 KNOT 4000 NM		
Compliment	20		
Type & No. of			
Engine	MTU 2		
Type & No. of	2 Main Cummins		
Generator	1 Emmer Cummins		
Fuel Tank Cap.	1341.2 T		
Fresh Water Cap.	1439.1 T		

GA PLAN







AL FATTAN 6 (ex omran) Ship Name Type Twin Screw Tug Flag U.A.E. **ABU DHABI** Port of Registry 2005 Built Official No. 5456 Call Sign A6E 3090 IMO No 9089827

PRINCIPLE PARTICULARS

Length Overall 21.870m Beam Boulded 6.800m Depth Boulded 3.500m 2.400m **Draft Design** Steel Hull Speed 8 Knots (Running) GRT 120 36 **NRT**

PROPULSION MACHINERY

Main Engines 2 x KTA 19-M3, 500BHP EACH Gear Boxes ZF600 Generator 2 x 26 kW Daewoo DB33 Propeller Fixed Pitch Propulsion CAPACITY

Fuel Oil 93.50m3 Fresh Water 13.50m3

TOWING

Bollard Pull 10.4T Towing Hook 15 Tons **Towing Winch** N/A

ACCOMODATION

Centrally Airconed

Crew 6 Passenger

COMMUNICATION/NAVIGATION **EQUIPMENT**

Fixed ICOM IC-M45 & VHF Sailor RT2048 SSB ICOM IC-718 Radar FURUNO 1721 Mark II GPS FURUNO GP31 Echo Sounder **FURUNO FCV-667** Magnetic Compass MC-T150B AIS Samyung S130

LIFE SAVING & FIRE FIGHTING

Navigation & Search Light 2 x 10 men Inflatable Life Raft Fire Fighting as per SOLAS



Ship Name AL FATTAN 7 Twin Screw Tug Type U.A.E. Flag Port of Registry ABU DHABI 2006 Built 5455 Official No. A6E 3091 Call Sign 9398618 IMO No

PRINCIPLE PARTICULARS

NRT

Length Overall 23.17m

Beam Boulded 7.00m

Depth Boulded 2.61m

Draft Design 2.40m

Hull Steel

Speed 7 Knots (Running)

GRT 113

20

PROPULSION - MACHINERY

Main Engines 2 x Caterpillar 3408C,
480HP@1800RPM

Gear Boxes ZF W 650

Generator 2 x 30.9 kW YANMAR
4TN398-G1A

Propeller Fixed Pitch Propulsion

CAPACITY

Fuel Oil 93.50m3 Fresh Water 13.50m3

TOWING

Bollard Pull 6T Towing Hook 15 Tons Towing Winch N/A

ACCOMODATION

Centrally Airconed
Crew 6
Passenger 4

COMMUNICATION/NAVIGATION EQUIPMENT

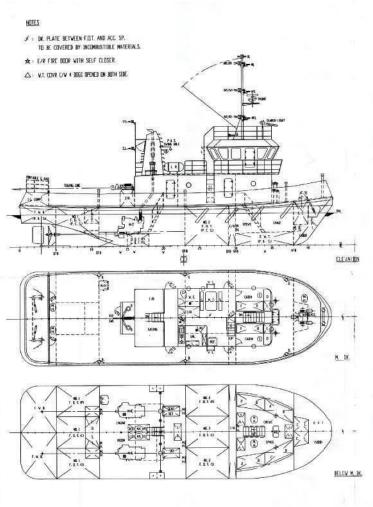
VHF Fixed ICOM IC-M302 SSB FURUNO FS-1503 Radar FURUNO 1721 Mark II **GPS** URUNO GP32 Echo Sounder FURUNO FCV-667 Magnetic Compass Daiko MC-T150B **NAVTEX Dual Channel** AIS Samyung S130

LIFE SAVING & FIRE FIGHTING

Navigation & Search Light 2 x 10 men Inflatable Life Raft Fire Fighting as per SOLAS

GA PLAN





MITTES

THE FOLLOWING EQUIPMENTS IS TO BE PROVIDED ON BOARD :

III BOW ANCHER ---- 2 X 300 KG

LIII CHAIN CABLE ---- 247.5 M X 17.6 MM & (GRADE I) 16.0 MM & (GRADE II)

IIII) HOURING LINE ---- 3 X 39 KN (BREAKING LOAD) X 110 M

(IV) TOV LINE ---- 180 M X 98 KN (BREAKING LOAD)

PRINCIPAL PARTICULAR :-

- 23.17 M (76.00 FT) L. II A

- 21148 M (69.38 FT) L. B. P. BEAM MLD - 7.00 M (22.96 FT)

DEPTH MLD :- 2.90 M (9.50 FT)

DESIGNED DRAFT :- 2.40 M (7.87 FT) :- 10 MEN CREV

- 9350 M³ FUEL DIL :- 13.50 M³

FRESH WATER BALLAST ⊢ 17.60 M³

- 2 X CATERPILLAR 3408 CDITA MAIN ENGINE 480 HP / 1800 RPM EACH

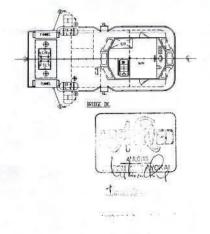
- ZF V-650 6.120 : 1 RATIO GEAR BOX

- 2 X 252 KV EACH GENERATOR

- 10 KNOTS (FREE RUNNING) SPEED - 10 TUNNES (APPROXIMATE)

(NK) L by NK Rules: 69.791 III

[NK] ds: _______





AL FATTAN 8 Ship Name CARGO BARGE Type Flag U.A.E. Port of Registry ABU DHABI Class NKK Built 2002 Official No. 274/08 Call Sign N/A IMO No N/A Deadweight N/A

PRINCIPLE PARTICULARS

Length Overall85.00mLength BP81.95mBeam Boulded21.95mDepth Boulded4.88mDraft Design4.15mGRT2235 T

NRT 671 T Clear Deck 70M X 20M

PROPULSION - MACHINERY

Main EnginesN/AGenerator1 x 200 KVAPropellerN/A

DECK MACHINERIES

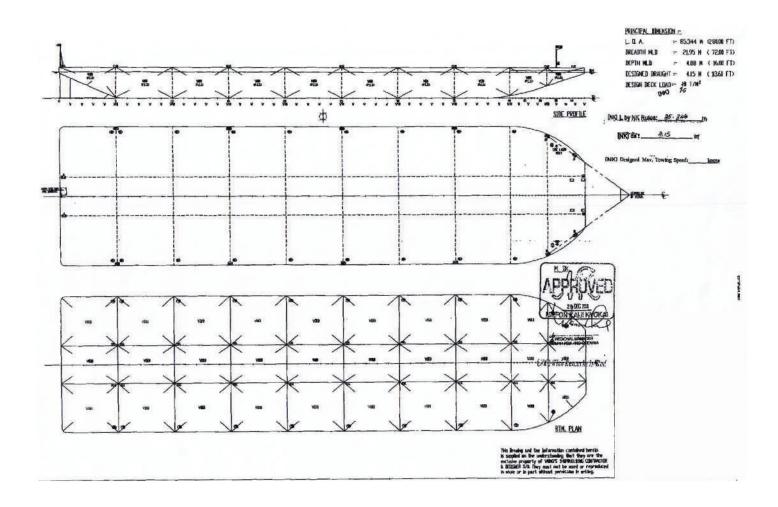
 $\begin{array}{lll} \mbox{Anchors} & \mbox{1 x 1500 kg} \\ \mbox{Anchors Chain} & \mbox{Wire 275m x 17.5 mm} \\ \mbox{Anchor Windlass} & \mbox{17.5mm Elec Hydraulic} \\ \mbox{Towing Hook} & \mbox{N/A} \end{array}$

COMMUNICATION/NAVIGATION EQUIPMENT

VHF ICOM IC-M304 GPS FURUNO GP32 NAVIGATION LIGHT IC-M710









Ship Name AL FATTAN 9 Type Twin Screw Tug Flag U.A.E. Port of Registry **ABU DHABI** Class NKK Built 2017 Official No. 8546 Call Sign A6E2632 IMO No 9825544

PRINCIPLE PARTICULARS

30.000m Length Overall Length BP 27.706m Beam Boulded 8.600m Depth Boulded 4.115m **Draft Design** 3.500m Hull STEEL Speed 10 knots **GRT** 273 T NRT 82 T

PROPULSION - MACHINERY

Main Engine: 2 x 1000HP@1406rpm

Mitsubishi S6R2-MTK3L

Gearbox: R/R 5.05:1 Reintjes WAF562L Generator: 2 x 78kW Cummins Propeller: 2 x Fix pitch c/w Nozzle

AUXILIARY EQUIPMENTS

F.O Pump ITUR RC-1 1/2"

Bilge & Ballast Pump: 30m3 / HR @ 25m Head

Pressure Set 2.4m3/hr @ 40PSI

Oily Water Separator: CYF-0.25Y

Air-Cond Split Unit

TANKAGE

Fuel Oil 192 Tons (approx)
Fresh Water 62 Tons (approx)
Ballast Water 67 tons (approx)

DECK MACHINERIES

Anchors 2 x 480kg
Anchors Chain 275m x 19mm
Anchor Windlass 22mm Hydraulic Driven
Towing Winch (Siong Ping, Sibu)
Towing Hook 30T c/w Quick Release

ACCOMODATION

Radar

2 x 1 VIP Room 1 man 3 x 20 men 60 men 2 x 10 men 20 men

COMMUNICATION/NAVIGATION EQUIPMENT

GPS GP-32
Echo Sounder FURUNO FCV-620
Compass DAIKO T-150B
VHF ICOM IC-M304
SSB Radio IC-M710
EPIRB SEP-406

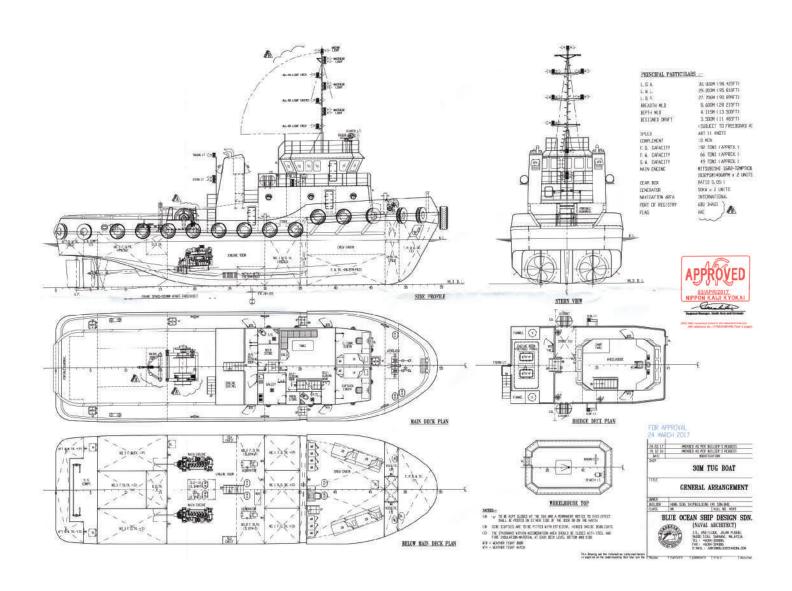
1715 MKII (24NM)

LIFE SAVING & FIRE FIGHTING

Navigation & Search Light 2 x 15 men Inflatable Life Raft Fire Fighting as per SOLAS

GA PLAN







Ship Name AL FATTAN 10

Type LCT

(Landing Craft Tank)

9841770

Flag U.A.E.
Port of Registry ABU DHABI
Class NKK
Built 2017
Official No. 8528
Call Sign A6E2603

PRINCIPLE PARTICULARS

IMO No

Length Overall 64.000m Lenath BP 61.800m Beam Boulded 14.000m Depth Boulded 3.650m **Draft Design** 2.700m GRT 939 T NRT 282 T Hull Steel Speed 10 knots 7 T/m2 Deck Strength

PROPULSION - MACHINERY

Main Engines 2 x 650BHP@1900rpm

Yanmar 6AYM-WST

Gearbox Reintjes [R/R 5.435:1]

Generator 3 x 80Kw Propeller 2 x Fix pitch Bow Thruster 3.5 T

AUXILIARY EQUIPMENTS

F.O Pump ITUR RC-1 1/2"
Bilge & Ballast Pump: 30m3 / HR @ 25m Head
Pressure Set 2.4m3/hr @ 40PSI
Oily Water Separator: CYF-0.25Y
Air-Cond Split Unit

TANKAGE

Fuel Oil 270 Tons (approx)
Fresh Water 57 Tons (approx)
Cargo Fresh Water 535 tons (approx)

DECK MACHINERIES

Anchors 2 x 1590kg
Anchors Chain 15 shackles x 34mm dia.

Anchor Windlass 34mm Electro Hydraulic Rescue Boat c/w Davit: China Made

ACCOMODATION

2 x 1 man Cabin 2 men 1 x 2 men Cabin 2 men 2 x 4 men Cabin 8 men

COMMUNICATION/NAVIGATION EQUIPMENT

Radar Furuno [96NM] GPS GP-32

Echo Sounder FURUNO or Equal Compass DAIKO T-150B VHF 2 x Furuno/equal

SART 1 unit Navtex 1 unit

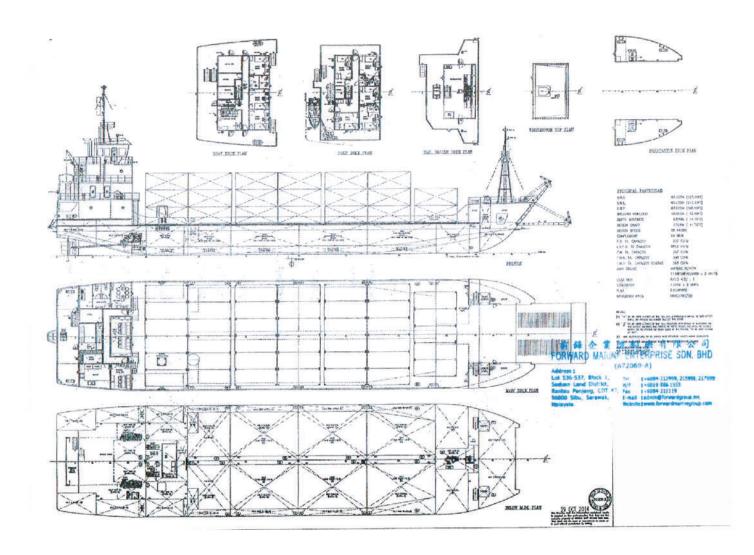
EPIRB 1 unit with 406Mhz All above to be as agreed in KFS FLEET

LIFE SAVING & FIRE FIGHTING

Navigation & Search Light 2 x 15 men Inflatable Life Raft Fire Fighting as per SOLAS

GA PLAN







AL FATTAN 11 Ship Name Type Twin Screw Tug Flag U.A.E. Port of Registry **ABU DHABI** Class NKK Built 2017 Official No. 8528 Call Sign A6E2605 IMO No 9841768

PRINCIPLE PARTICULARS

Length Overall 31.650m Beam Boulded 9.140m Depth Boulded 4.200m Draft Design 3.650m GRT 295 T NRT 89 T 12 knots Speed Hull Steel Designer Deck Strength 5T/m2

PROPULSION - MACHINERY

Main Engines 2 x

1600BHP@1800rpm

Gearbox Reintjes [R/R 5.95:1]
Generator 2 x 91Kw CUMMINS
Propeller 2 x Fix pitch
Bow Thruster TFN - 100S

AUXILIARY EQUIPMENTS

F.O Pump 20m3/hr (0 25m Head Emergency Fire Pump: 30m3/hr (0 50m Head Bilge & Ballast Pump: 30m3 / hr (0 30m Head Pressure Set 3.80m3/hr (0 4.5 bar Cargo Pump 60m3/hr (0 50m Head Oily Water Separator: 8 m3/hr (0 15ppm Air-Cond Split Unit

TANKAGE

Fuel Oil 280 Tons (approx)
Fresh Water 34 Tons (approx)
Cargo Fresh Water 535 tons (approx)

DECK MACHINERIES

Anchors 2 x 585 kg

Anchors Chain 11 shackles x 22mm dia.

Anchor Windlass 22mm Electro Hydraulic

Towing hook 1 x 40 T

Towing Winch 1 x 44mm x 720m

Rescue Boat c/w Davit: N/A

DECK CRANE 1 T @ 10m: Hydraulic driven knuckle Boom

ACCOMODATION

2 x 1 man Cabin 2 men 1 x 2 men Cabin 2 men 2 x 4 men Cabin 8 men

COMMUNICATION/NAVIGATION EQUIPMENT

Furuno [1715] Radar GP-39 GPS Echo Sounder FURUNO FCV-627 DAIKO T-150 SLK Compass VHF 1 x NSR NVR-1000 SART 1 unit Navtex 1 x NVX-1000 1 x AIS-50N AIS

1 x IC-M710

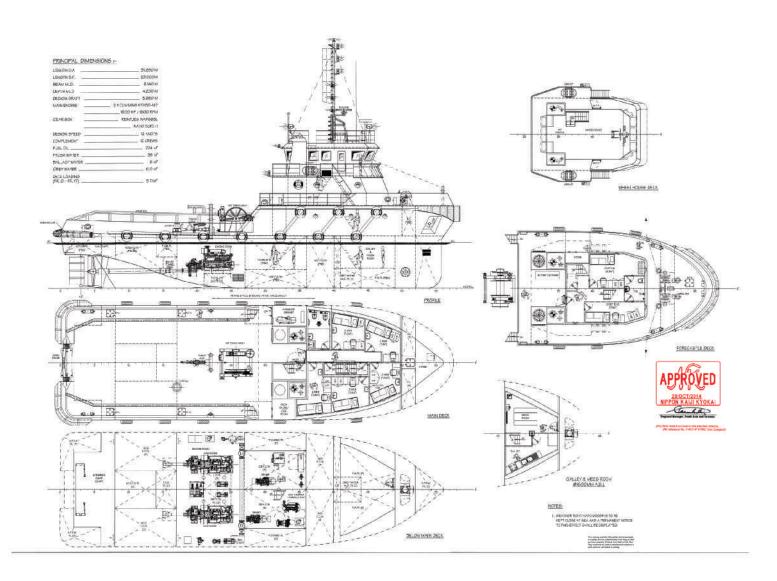
LIFE SAVING & FIRE FIGHTING

MF/HF

Navigation & 2 X Search Light 2 x 15 men Inflatable Life Raft Fire Fighting as per SOLAS 1 FIFI pump 600 m³/hr c/w 2 monitor of 300 m³/hr each

GA PLAN





Cargo Barge





REGISTRATION

Ship Name AL FATTAN 12 Type CARGO BARGE U.A.E. Flag **ABU DHABI** Port of Registry Tasneef Class Built 2018 Official No. Call Sign N/A IMO No N/A Deadweight 672.80 Ton

PRINCIPLE PARTICULARS

Length Overall 45.00m Length BP 42.596m Beam Boulded 12.00m Depth Boulded 2.40m Draft Design 1.20m Hull Steel Lightship Weight 186.210 MT Clear Deck 42M X 10M

DECK MACHINERIES Anchors 1 X 520 KG

Anchors Chain 275m x 17.5mm
Anchor Windlass: 17.5mm Elec Hydraulic
Towing Hook N/A

COMMUNICATION/NAVIGATION EQUIPMENT

VHF	N/A
GPS	N/A
NAVIGATION	Solar Navigation
LIGHT	Barge
RADAR	1 Triangle

REFLECTOR

Cargo Barge





REGISTRATION

Ship Name AL FATTAN 14 CARGO BARGE Type Flag U.A.E. Port of Registry ABU DHABI BV Class Built 2001 Official No. 8707 Call Sign N/A IMO No N/A Deadweight N/A

PRINCIPLE PARTICULARS

Length Overall 87.850m Length BP 81.95m Beam Boulded 24.40m Depth Boulded 5.50m Draft Design 4.287m GRT 3137 T 941 T NRT Clear Deck 80M X 22M

PROPULSION - MACHINERY

Main Engines: N/A, Propeller: N/A Generator 1x 200 KVA

DECK MACHINERIES

Anchors $1 \times 1500 \text{ kg}$ Anchors Chain wire $275 \text{m} \times 17.5 \text{ mm}$ Anchor Windlass: 17.5 mm Elec Hydraulic

Towing Hook N/A

COMMUNICATION/NAVIGATION EQUIPMENT

VHF: N/A, GPS: N/A

NAVIGATION Solar Navigation LIGHT BargeBarge

Cargo Barge





REGISTRATION

Ship Name AL FATTAN 15 CARGO BARGE Type Flag U.A.E. ABU DHABI Port of Registry Built 1974 Official Number 5106 Call Sign N/A IMO No N/A

PRINCIPLE PARTICULARS

Length Moulded 240m Breadth Moulded 72m Beam 21.946m
Depth Molded 17.3m
Full Load Draft 13.9m
Light Ship Displacement 970 LT
Deck Cargo 5180 LT
Gross Tonnage 2152=
Net Tonnage 645=

BUILDER

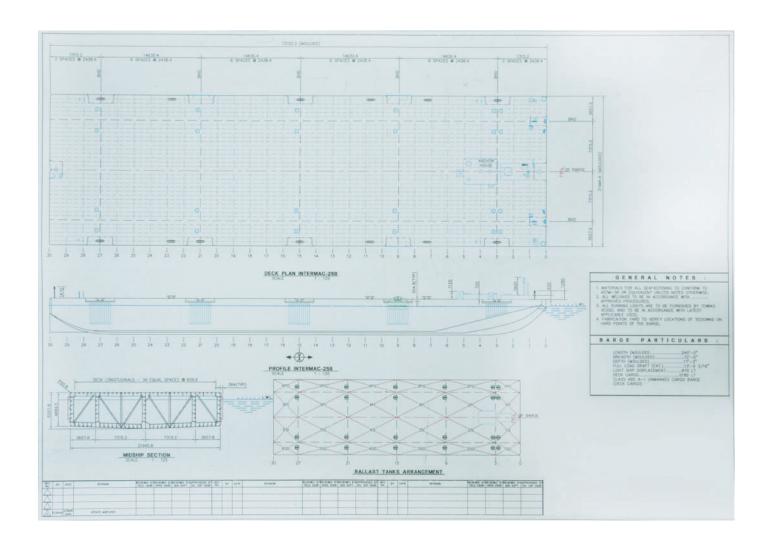
Material Ordinary Strenght Steel
Stiffener System On Side Shell: Logitudical
Bulkhead Type Water Tight
Bulkhead Number 8
Tank Type Ballast
Tank Number 26

PRINCIPAL CHARACTERISTIC

Estimated Gross Tonage 2519 tonnes Length between perpendicular 73.152 m Molded Breadth(M) 21.9456 Molded Depth(M) 5.2578







AL AQRAN 1

Catamaran





REGISTRATION

Ship Name AL AQRAN 1
Type CATAMARAN

Place of Built United Arab Emirates Abu Dhabi

Name of the Builder Al Fattan Ship Industry

Date Built March 2018

Material of Hull Steel

L.O.A 49.0 Meter

Depth 2.50 Meter

Breadth 12.0 Meter

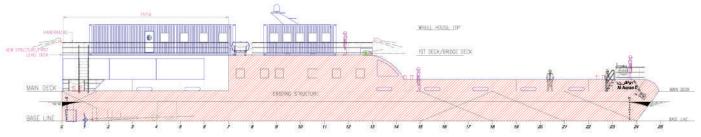
Date of Keel Laid 02 November 2017

Date of Launching Date of Completion Gross Tonnage (GRT) Net Tonnage (NRT) 25 March 2018 25 March 2018 350 Ton 202 Ton

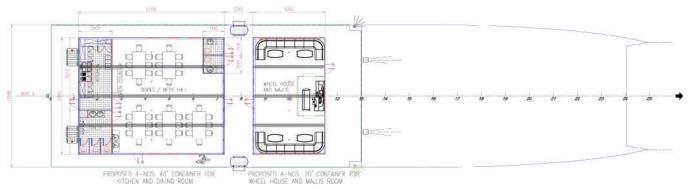
AL AQRAN 1

GA PLAN

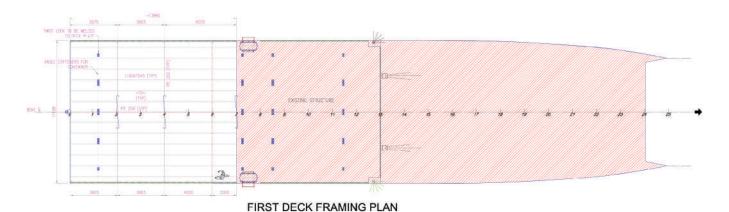




OUTBOARD SECTION VIEW



FIRST DECK LAYOUT PLAN



GENERAL ARRANGEMENT PROPOSAL-1





MARINE CONSTRUCTION SOLUTION

AFMS provides specialized services in the Construction of all type of Quay walls and Breakwaters and Revetments. There are many ways to build structures. It could be made by concrete blocks unites or sheet piles installed in the water with a flat surface etc.

QUAY WALLS CONSTRUCTION

The Concrete quay wall structure consists of mainly of precast block units founded on a rock foundation (crushed rock). At the seaside, anti-scour rocks are placed to provide protection at the base level. The landside is filled with rocks encapsulated in geotextile fabric and granular fill materials. Separately, covered service trench is also built alongside to serve the power and water grid requirement of the Work Scope. The top of the quay wall structure is finished with coping unit strips at the seaside and paving block units on the general area. In addition, service pits are also provided as part of the overall utility design. Marine furniture such as bollard, access ladder, mooring rings and the like are also provided.

BREAKWATERS & PAVEMENTS

Breakwaters are built on coasts to protect the coast or structures built near the shore from the high tidal destructive effects or erosion due to water tides. These are basically made from a rockfill base with a course to medium fill core and outer coarser crusts covered by rock or concrete blocks. They are constructed away from the coast to offer a low tidal zone near the shoreline. The Breakwater is designed to withstand the wave and current forces at the area. It is also designed to have stable slopes in relation to the characteristics of the material being used. Construction of Breakwater along the outer boundary will protect the area in front of the existing Revetments and boundary of the designated area.

SECANT WALL

When excavating in close proximity to an existing structure, or when excavation is close to the water table, a secant wall is usually required. Secant walls may be preferable to soldier piles and lagging when minor losses of soil, during lagging operations, might be detrimental to adjacent footings.

These walls can be used to restrict water from entering the excavation. Secant walls are more common in urban areas than sheet piling as the piles are drilled and not vibrated into place, allowing them to be more readily installed close to adjacent buildings.

MARINE PILING WORKS

AFMS is specialized in onshore and offshore piling for the full scope of marine construction works. Its specialized marine piling team has a wealth of experience on a range of projects from marinas, berthing and over-water facilities, slipways, to smaller private pontoons and jetties.

SOLDIER PILES AND LAGGING

This is the most common type of temporary earth retention solution for urban construction, especially when space is an issue. It is comprised of wide-flange steel beams, and thick timber lagging. The wide flange beams, known as soldier piles, are placed vertically in the perimeter of the excavation. These piles can be driven with a vibratory pile driver or drop a hammer and sometimes need to be drilled and concreted below the base of the excavation. Thick timbers are then placed between the soldier piles to retain the soil. Depending on the soil condition, different angles may be needed for the piles. The lagging is most commonly installed in 4' lifts.

The depths of excavation, soil type and loading forces from proximity buildings may determine the need for additional shoring components.

SHEET PILING

Sheet piles are interlocking steel sheets typically driven into the ground with a vibratory pile driver. They are designed for work close to or within the water table. The interlocking sheets form a continuous barrier that permits excavation below the water table. The vibratory installation of sheet piles can significantly affect nearby structures and therefore is not commonly used in urban areas. Stable Ground has the expertise and equipment for more limited sheet piling projects in UAE.

ARTIFICIAL ISLAND SOLUTION

Artificial Island Solution is one of the innovative solution of AFMS. With the valuable experienced in dredging, marine construction and land reformation. AFMS was able to intergrates these knowledge into one solution. AFMS has different system in dealing this solution such ocean brick system, Revetment system, Caisson type system or gravity based platforms system. AFMS is flexible to the Artificial Island as per the clients needs.

PONTOON

From small fishing ports to full service marinas for luxury yachts, we provide cost effective solutions to all your requirements using our own designed, manufactured and installed pontoons. Our marinas can accommodate metered services and utilities, lighting, safety equipment and any other marina accessories that you may require. With the support of our marine civil works team we can provide turnkey marina construction so you need to "Just Add Boats".

BOARDWALKS

We design, manufacture and install raised boardwalks and decks supported on steel piles, using the same durable materials and construction principles as the ones used in our marinas and pontoons. Our boardwalks and jetties use the same principles, construction methodology and materials as our pontoons, thus having the same advantages of durability and strength in the harsh marine environment as well as the customisation flexibility and cost effectiveness.

FLOATING BARRIERS & SCREENS

We design, manufacture and install custom made floating barriers. We also install floating screens (silt screens, safety screens, debris collection screens, etc) as well as Aids to Navigation.

SPECIALIST METAL FABRICATION

(Gangways, Railings, Shade Structures, Bollards, etc) Our in-house specialised metal fabrication workshop can manufacture a variety of items for marine applications such as: marine aluminum railing, gangways, bollards, safety ladders, pile guides, pile caps, brackets, shade structures, etc. The raw materials used are mainly aluminum, mild steel and stainless steel.

SPECIAL AND FULLY CUSTOMISED PROJECTS

When it comes to special marine projects, we like to be challenged so feel free to contact us with your specific requirements and we will do our best to provide a cost efficient solution to meet your needs.

MAINTENANCE SERVICES

We provide maintenance and post-construction services to marinas and marine installations/works even if these were undertaken by others!

PROPERTY PLANTS EQUIPMENTS



820 Tons Travel Lift Forklift

• 5 tons - 2qty • 10 tons - 2qty

90 Tons Crane 250 Tons Crane 200 Tons Crane

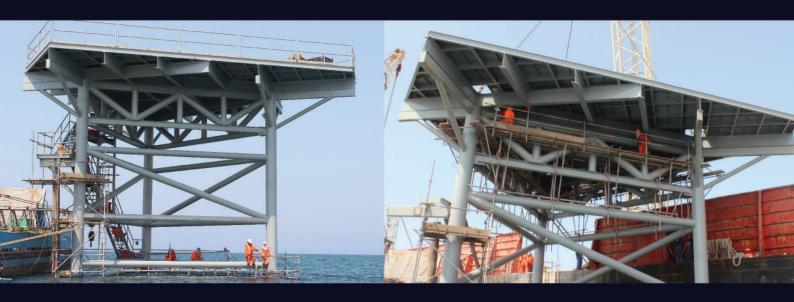


OUR BUILT



COMBIFLOAT JACKUP BARGE

OUR BUILT



OFFSHORE HAMRA PLATFORM



AL ABUBOOKSH OFFSHORE PLATFORM

OUR BUILT



AL ABUBOOKSH OFFSHORE PLATFORM

OUR DESIGNS







DESIGNS





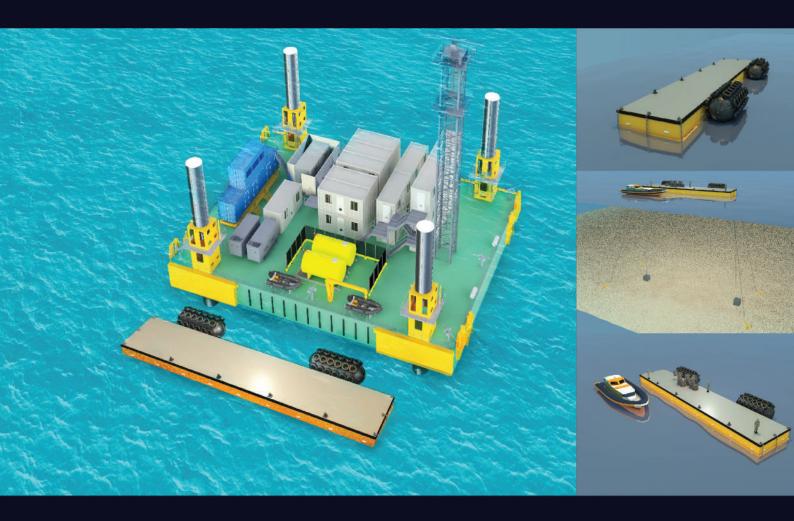
OFFSHORE PLATFORM





NEW JACK UP BARGE

DESIGNS



FLOATING JETTY

OUR MAINTENANCE





QHSE POLICY



QHSE Policy AMS-ANX-001 Rev 00 Dated 02 March 2019

Al Fattan Marine Services policy is to fully satisfy the customers through its solutions that are comprehensive, innovative and reliable through ensuring that our people stay focused to the customers constantly, our processes are driven by QHSE objectives and we commit to continual improvement.

Al Fattan Marine Services policy is committed to operating in a safe manner and work towards an accident free workplace by:

- To satisfy all our customers and Associates by providing quality products and services to their expectations.
- To adhere to Comply with applicable legal and statutory requirements and includes a commitment to fulfil its compliance obligations.
- To strive for commitment to continual improvement of all employees and process based on effective business practices and customer feedback to enhance QHSE Performance.
- To include a commitment to satisfy applicable requirements and protection of environment, including
 prevention of pollution, hazard risk identification and other specific comments relevant to the context of
 the organization and supports its strategic direction and its actions to address the risk and opportunities.
- Safe handling of chemicals & pollution free work environment for all employees working for or on behalf of our organization
- Ensure prevention of injury and ill health and prevention of pollution and continual improvement in OHSE management and QHSE performance.
- Prevent hazards related to health and hygiene of all employees working for organization and aspects which are causing an adverse impact on the surroundings & environment.
- Generate awareness of Quality Health Safety & Environment by training, communication, consultation and participation of all employees, Workers & interested parties

Ensure policy is relevant and provides a framework for setting QHSE objectives and is understood within the organization and communicated to the relevant external interested parties.







Abu Dhabi, United Arab Emirates PO Box 53509, Tel# 025627742

Quality, Health, Safety & Environment Management Systems Manual

(As per requirements of ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018

oproval Status		
	Prepared By	Approved By
Name		
Signature		
Designation	Management Appointee	CEO
Date	02.03.2019	02.03.2019

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INTEGRATED MANAGEMENT SYSTEM MANUAL

(AMS -IMS -M-001) Rev No. 00 | Date of Issue: 02,03,2019 | Page 7 of 67

MARINE SERVICES achieve the intended outcomes of its integrated management system, which provide value for the Quality, Environment Energy, Health and Safety the ALFATTAN MARINE SERVICES itself and interested parties. Consistent with the ALFATTAN MARINE SERVICES's Company QHSE policy Statement, the intended outcomes of an integrated management system include:

- enhancement of IMS performance;
- fulfilment of compliance obligations;
- Achievement of IMS objectives.

This IMS Manual, the associated documented procedures referred herein and the process manuals define the integrated Management Systems (IMS)

The IMS is followed in line with the requirements of ISO 9001: 2015, ISO14001:2015, ISO 45001:2018 standards.

The scope is as under:

'Goods Marine Shipment - Services, Ship Management and Operation, Onshore and Offstone Oil an Gas Fleids And Roulities Fernieves. - Commental Ships Rental Repair and Mathemance of Ships, Marine Backfilling Works, Marine Services Related to Oil Industries, Marine Machiner and Equipments Repairing and Maintenance. Oil Ports Operation Management and Maintenance), Repair Welling Pipes - Other the Water, Oil and Marine Gas Pipe Lines installation and Annual Control of the Marine Control of the Water Oil and Marine Gas Pipe Lines installation and

2. Normative references

The List of References which include Standards, Manuals, Procedures and applicable product, Quality, Safety, Environmental, Energy and Regulatory Requirements used in developing and implementing the systems are given below:

Standards

ISO 9001:2015	Quality Management Systems – Requirements
ISO 14001:2015	Environment Management Systems-Specification with Guidance for use
ISO 45001:2018	Occupational Health & Safety Assessment Series

3. Terms and definitions

Top Management

Person or group of people who directs and controls a ALFATTAN MARINE SERVICES at the highest level

Integrated management system consultant



QUALITY, HEALTH, SAFETY & ENVIRONMENT MANAGEMENT SYSTEMS MANUAL



INTEGRATED MANAGEMENT SYSTEM MANUAL

(AMS -IMS +M-001) Rev No. 00 | Date of Issue: 02.03.2019 | Page

0.1 Introduction of ALFATTAN MARINE SERVICES

AFMS is recognized as one of the fastest growing providers of integrated offshore support, vessels, logistics, and marine services in the GCC region. It provides marine chartering, marine transportation, ship management, towages, offshore support, and medium-size marine construction projects it delivers engineering, fabrication, project and procurement management. It builds marine piling, pontoons, quay and breakwaters.

AFMS manage and operate a wide variety of vessels including FOSV, AHT(S), Multicat workboats, tugs and barges, as well as numerous other vessels.

AFMS is a United Arab Emirates based company, headquatered, incorp

Due to the highest demand of marine services Al Fattan Ship Industry birthed Al Fattan Marine Services this 2018 to focus on the needs of the industries depending on marine

AFMS is a new but old service provider. New to have established and sail on its own. It has been revealed to do such services with the support of the professional man power with the to deliver excellent services with integrity and dignity.

Its main focus is to build future together with its clients through ensuring the full advantage of the diverse services offered by AFMS in the Middle East and other areas across the globe.

AFMS is trusted to deliver critical support and operate sensitive facilities by military organizations. It has deep expertise in delivering economical and high quality defence services. AFMS is an approved Department Of Defence contractor providing marine services and transportation as a vessel operating common carrier (VOCC) for the Deploymenyt, Redeployment and repositiong of war and peace time equipment and supplies to the UAE Military Forces stations and bases.

The International Standard(ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018 specifies the requirements for an integrated management system that ALFATTAN MARINE SERVICES uses to enhance its performance. This International Standard is intended for use by ALFATTAN MARINE SERVICES seeking to manage its IMS responsibilities in a systematic manner that contributes to the IMS pillar of sustainability. These International Standards help ALFATTAN



INTEGRATED MANAGEMENT SYSTEM MANUAL

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		Externa	d Communication	5	
5r	What	When	With Whom	How	Who
7)	incidents related to	Monthly	Top Management	Reports and Analysis, Monthly HSE review meetings, Monthly Safety Movements	QHSE Team
8)	Significant Aspects	As and when	Contractors	Induction	QHSE Team
9)	External Audits / Assessments / Awards	Yearly	Certification bodies, Awards	Written / submissions	QHSE Team

50 9001:2015	ISO 14001:2015	ISO 45001:2018
7.4	7.4	7.4

7.5. Documented information

The ALFATTAN MARINE SERVICES's Integrated management system shall include:

- a) documented information required by this international Standard;
- b) documented information determined by the ALFATTAN MARINE SERVICES as being necessary for the effectiveness of the integrated management system.

QUALITY, HEALTH, SAFETY & ENVIRONMENT MANAGEMENT SYSTEMS MANUAL



INTEGRATED MANAGEMENT SYSTEM MANUAL

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Internal Communications									
5r	What	When	With Whom	How	Who				
		request / Any change in the requirements		(Planned) / Procedures and emails.					

The ALFATTAN MARINE SERVICES shall externally communicate information relevant to the Integrated management system, as established by the ALFATTAN MARINE SERVICES's

		External 0	ommunication	5	
Sr	What	When	With Whom	How	Who
1)	Company QHSE policy Statement	As and when required / request	Interested Parties	Display in ALFATTAN MARINE SERVICES	Managemen
2)	Information to External providers	Upon making agreement / PO's	External Service Providers	Agreements / PO's	Purchase Department
3)	Existing / new Product Information	Changes Happen or any new update	Customers	Emails, Letters, Announcement on Website	Managemen
4)	Customer Ratings / Audit Reports	As and when	Customer	Feedback Forms / e-mails	Sales & Marketing Department
5)	Customer Complaint	Upon receipt / within 7 working days	Complainant and Top Management	Verbal / Written communication	Process head
6)	Legal Communication	Any changes	Staffs / Customers	Induction and Training, weekly production meeting	QHSE Team



INTEGRATED MANAGEMENT SYSTEM MANUAL

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The ALEATTAN MARINE SERVICES ensure:

- a) internally communicate information relevant to the Integrated manage among the various levels and functions of the ALFATTAN MARINE SERVICES, including changes to the integrated management system, as appropriate;
- b) ensure its communication process(es) enable(s) persons doing work under the ALFATTAN MARINE SERVICES's control to contribute to continual improvement.

		Internal Con	nmunications		
Sr	What	When	With Whom	How	Who
1)	Company QHSE policy Statement Permanent		All Employees / Interested Parties	Display on communication boards	Management
2)	IMS Objectives & their performance	Whenever Defined / Quarterly	Employees	Verbal / Training / Procedures, Global Score Cards	Management
3)	Importance of Effective IMS	During Induction Training / As per Training Plan / upon request	All Employees	Display / Training / Procedures	Management
4)	Roles, Responsibilities and Authorities, Accountabilities	During Recruitment / Change in Job / Department Change	All Employees	Verbal / Training / Job Descriptions / Procedures	Management
5)	Customer Complaints / Feedbacks AT the Time of Receipt		MD / QA Manager	Meeting / Complaint- Feedback Records	Management
6)	Legal Requirements	During Induction Training / As per Training Plan / upon	All Employees	Verbal / Training / Displays	Management



INTEGRATED MANAGEMENT SYSTEM MANUAL

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for the purposes of establishing a IMS includes:

- Documented information necessary to support the operation of processes
- The policy as per requirements of ISO 9001, ISO 14001&ISO 45001:2018 The objectives as per requirements of ISO 9001, ISO 14001&ISO 45001:2018

ALFATTAN MARINE SERVICES maintains the following documented informa purpose of communicating the information necessary for the ALFATTAN MARINE SERVICES to operate may include and not limited to -

- ALFATTAN MARINE SERVICES charts
- Procedures
- Documents containing internal / external communications
- Training schedules
- Approved supplier lists
- Machine maintenance records
- Forms
- Objectives data analysis
- Management Review meetings
- Meetings
- Incident reports
- Internal Audits





WELDER PROCEDURE SPECIFICATION (WPS & PQR)



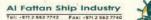


مؤسسة الفتان لصناعة السفن ملاد + evicar year - عصر - evicar year -برب + evicar year - ورادور المدادة -

		WEI		BS EN				TON(WPS) 012				
		WELD	ING PRO	CEDURE	APPROV	/AL-TE	ST (CERTIFICATI	E			
WPS No. PQR No. Company Nac		Rev 00 Rev 00		ode/St	n Aut	thority:	BS EN 15614- DNV GL	1				
		AL FATTAN	SHIP INDI	TRIKA	-	Date of t	pst.		02.04.2017			
Hacking: N	O Type) 1 - NA i' i 10 56 mm i' 0 mm						d) <u></u>	7		
Welding Da	tails											
Run	Process	Filler M Class	Stre(Dia)	Current Amps.(A)	Voltage (V)	Type o	of ly	Interposs Temp (°C)	Trovel Speed mm/Min	Heat input KJimm (Ma		
Rock	MMAW	(E70%-1)	2.5 MM	75-80	19-22	DCE	N	Antivers.	55	1.55 K.Jm		
Hot	MMAW	(EP010-1)	2.5 MM	84-87	21-29	DOE	p	133	63	1.52 KJ/mr		
Filing	MMAW	(E7018 t)	32 VM	115-119	20-26	DOE	p.	148	56	2.55 KJ/mr		
Capping	MMAW	(87018-1)	2.5 MM	82:87	19-23	DOE	P	128	71	1.35 K.AW		
Range of A			-									
(Modelline)		ETERS		****		n may -		IMITATIONS				
Joint type	Welding process				1] (SMAW			63:2010) D. Partial penet	ration walds &	Effet weids		
Parent mete	nal proup:			EN8355 G	11+M to E	N 8355	G114	-M				
- Committee	and the same						um ye	eld strenghilh R	er ≤ 300 M/mm	r)		
Backing Parent meta	interes in the later of	accept.		With & Without backing Groove: 14 mm to 56 mm Filet: 14 mm to 33.6 mm								
Outside dan		mmg		Groove: 14 mm to 56 mm Filet : 14 mm to 33.fi mm					mm			
Filer metal to		don:		Specificatio	n No ISEA		AWS: 5.1					
				Classification			E7016-1 & E7018-1					
				F. No(A.No	3.	- 2	4(1)					
				Brand Nam	in	- 3	ESA	В				
Shielding Ga				NIA								
Type of weld Welding pos	ing cyment			DCEN & D		045)	_					
Heat Input	eurits		_	All (Except PG & J-LG45) Heat input is limited to 125% of test value								
Preheat				Preheat Te		W 1237	Ambient Temperature					
191.00				Method:	mp will		N/A	men remperat	are			
				Interpass T	emp Max		220	c				
Post Weld H		ent:		NIA	STORY OF THE PARTY		-0,57	-100				
Other Inform	ation			TECHNIQU								
				String or W			Strin	g/Weave				
				initial prepa cleaning	ration& Inte	arpass	Grin	ding / Wire Bru	shing			
				Method of a				Gouging / Grin				
				Multiple or S			Multi	iple / Single (B				
				Multiple or 5	Single Elec	zode	Multi	iple	TOWN THE TANK			
En	r Al Fatten	Ship Industr		Carte	lication As		NU A	26.5	For Cli			



	7742 Abu Dhal Info@alfa	Fax: +971 bi- United A tlan.net	2 562 77 rab Emira	tes	-		to sint a	ماکس (۱۹۷۰) - Info@alfattan.ne		
77		WELD			ir Q	to be a second	ON RECOR	D (WPQR)		
Compan	y Name:	AL FATTAN	SHP INDU	STRY	Date	e of Test		.03.2017		
PAPS N		AL FATTAN	pWPS - 02	Rev 00	Irac	ection Authority.		IV GL		
WINHEN		AL FATTAN		ev 00		nod of preparatio		achining & Grinding	1	
Wolder's: Wolden ()		Mr. SALESH	M.M.			ent metal Grade		6 S355 G15+M		
Welding	11	MMAW (111	THE SALES	to 1500 anish de		ieria thickness (m ioria Tesi coni fa		R 5000058712		
Point type		V-Duft weld	Conservation	N 100 water de		tring position:		(36)		
-				JOINT P		TION DETAILS	(Sketch)	-		
7		Joint Des	lign :					5 Sequence		
a-85° ±	5"		-				10000	and the second		
b= 28 n		-	1	4	1		100	6 60		
0=3 m		44		b			1/1	10		
d=1.51	rim.	-	* k-							
_			*		WE! N	NG DETAILS:				
Towns.	Sections	Electr	nde	Cumant	Voltage	Type of	Interpass	Travel Speed	Heat land	
Rim	Process	Clase	Stre(Dip)	Amps.(A)		Polarity	Temperature (°C)	mm/Nin	Halmen (Ma	
ROOT	MWAW 111		2.5 MM	7640	22.5	DCEN	Artist	16	157	
FILL ITS	MMAW(111 MMAW(1111		SEMM.	88-87 115-117	21-23	DOSF	280°C	12	155	
FILL (2)			3.21/84	115-117 113-117	20-24	DOSF.	107.0	67-84 84-108	2.79	
FILL 120	VBLAUVITTI		3.2 VM	115/119	21-34	DOSP	107.0	58-63	1.35	
FILL (4)	VMAW[111		0.2 598	115117	211-256	DOEF	140° C	56-68	2:50	
CAP	VMLAUVITT	E7016-1	25/8/	\$9-67	19-23	2061	120°C	71-18	135	
-		The sales and the	Walter Street	With	CONTRACT.	GAS	ATTENDED		71-	
	METALS	200				GAS	Percent compr			
	or Class &		AWS 5.1					Exture Prow rate	1	
ANY O. I	to (Class &	Stati		62.5mm) & p2.5mm,q2		Sheding	NA	NA.		
Brand			ESAB	ge arrant,qu	Numeric	1				
F. Not	No		4			Composition				
	Certi No.		E7616-1 44	2.6mm) - EC	24691403		0.0000			
Batch &	Certi No			2.6mm) - 60						
Batch &	S Certi No			3.2mm) -EC						
PREHE	777		-	and the same of th		POSTWELD	HEAT TREATM	ENT		
	Temp Min		Ambient				Range/Method.	NA		
Method			NIA			Holding Time		MA		
	sa Tamp -		Refer Ab	OVE		Heeting rate:		N/A		
	Mairtenan	ce:	NIA	_		Cooling rate:		NA		
TECHN		and .	String/W		-	Constitution		100		
	or Weave B		NA			Oscillation	to Work distance	NA NA		
	Interpass of			/ Wire Brus	Non.		ngle passi For S		Single (Backing	
Backin		The same	Without		-	- martine in Si	Am tagolical S	wantipie.	and tracking	
	of back go	uano	NA			Multiple or Re	rgle Electrode	Multiple		
			NA			-		- Company		
Mades										





مؤسسة الفتان لصناعة السفن

Email:info					7	لفنان	al .					11. 49	بريد الكثيروا			
		TEST F	RESU	LTS	S AS PE	n ns	EN	15614-1:	2004+A	2:20	12					
Company Name:	1	Al Fattan	Ship I	ndus	try	Date:				26.03	2017	_				
pWPS No:	- 1	AL FATTAN/pWPS			-	-	tion .	Authority:		DNV G	_					
WEGRNO	9	AL FATTA	Y33/11/17/2011			Maden	a Th	ickness.		28 MM						
Material Grade	20/2	EN 5355	G11+M		ADDOL/US	Weldin	g Fr	ocess:	- 6	MMAW	(111)(5	MAW	(EN ISC 4061.2			
Type of Joint:	- 3	V-Butt w	eld				100		- 1		100/2		100000			
					TE	ST RE	SUL	T								
NDT																
Visual examination :		Acceptat	ole			Repor	Ne	N/A		Date: 2	27-03-	2017				
MP Examination:		Acceptat	ole			Repor	No:	ACTPI 1088	MPI-03	Date: 2	28 03	2017				
RT Examination	-	Acceptab	ole			Repor	No	AOTPI-1088-R	econ-02	Date: 2	27-03-	2017	Š.			
TENSILE TESTS:	EN IS	80 4136		Rep	ort No:DT	1702-	03(8	heet -01)	Date of	Test:	100	02.0	4.2017			
Identification	Wid	ith (mm)	Thick (mi		Area (mm²)	Tarrate KN	Load	Strength Mpa	Strangth Psi	Chara	icter o	Fail	ure and Locati			
DT:1702/002/T1	- 3	25.09	26.	49	884.63	383	40	577	83,700	Di	ctile fra	cture	/ Parent metal			
DT 1702 / 002 / T2		25.01	26.	27	557.01	385	46	587	85,100	Ductile fracture / Parent n		/ Parent metal				
SIDE BEND TEST	S: EN	N ISO 517	73	Rep	ort No:DT	1702-	03(5	heet -01)	Date of	Test:	3 3	02.0	4.2017			
Type and Specimen	SINO	Туре	of Bun	d	Former Dia	(mm)	Art	gie of bend	Obs	ervatio	n		Result			
DT 1702 / 002 / S	81		Side		41			180*	No see	uni defe	uni defects Sati		Satisfactory			
DT 1702 / 002 / 5	82	- 3	Side		41.			180	No vis	ual defects Set		util defects Satisfac		Satisfactory		
DT 1702/002 /8	83	- 4	Side		41			180"	No visual del		No visual defect		No visual defects		visual defects Satisfactor	Satisfactory
DT 1702 / 002 / 5	84		Side		41:	4t. 180*		180"	No vie	No visual defects			Satisfactory			
CHARPY IMPACT 1	EST:	BS EN IS	0 9016		Report No:	OT 1702	-03(5	Sheet -01)	Result	ACC	Date	of 1	est: 02.04.20			
2 (7 200						- in	чрас	Energy Ab	sorbed	- 9						
Specimen SI N	10		enter L in Joul					ne +2 (FL + 2) in Jaules		Fusion Line +5 (FL +5) Joules						
DP1702/02/1F			66		11	84		237			151					
DP1702/02 / IF	10.4		42		1	15			179							
DP1702/02 / IF	3		78	-		92	-		179				174			
Average	100.50	te Constitution	62	_	1	97	-	TV -	206	1000	72		168			
HARDNESS TEST:	BS E	N ISO 901	15-1	_	Report No:1	DT 1702	-03(5	Sheet -03)	Result	ACC	Date	of 1	est: 02.04.20			
MACRO EXAMINA	ION:	BS EN IS	O 1763	19	Report No:1	DT 1703	-03(S	Sheet -02)	Result	ACC	Date	of T	est: 02.04.20			
The results meet the r	course	neres		团		The mo	Me Ho	not meet the	nom interna	100						
For Al Fattar			v	C	ertification				redwining.	108	For 0	lior	nt			
Just	5	3	1		III	1	1									

WELDER QUALIFICATION TEST CERTIFICATES

Al Fattan Ship Industry

Tel; +971 2 582 7742 Fax: +971 2 562 7740 P.O. Box: 53509 - Abu Dhabi- United Arab Emirates



مؤسسة الفتان لضناعة السفن

منف ۱۹۷۲ ۱۳۵۲ ۱۹۷۲ + منافس ۱۳۵۲ ۱۷۷۲ + ۱۹۷۱ و برب ۲۰۵۹ ابوطر بر- افسارات تعرب د اماد ده

WELDER'S QUALIFICATION TEST CERTIFICATE

EN ISO 9606-1 111 P BW 1.2 B t 11 PF ss mb

Satisfactory Mr.SREEJITH SREEDHARAN

Validity Until. Cognizant code

02.04.2017 01.04.2019 EN ISO 9606-1

s: EN S355 G11+M to EN S355 G11+M Material Specificat

Group 1.1 & Group 1.2 AWS : 5.20 E71T-1C/9J

PARAMETERS

VPS Reference: lob Knowledge:

Velder's name:

Actual values FCAV-GS (136) (EN ISO 4063:2010) Plate Butt Weld PF (3G) FM1 er material type

ss mb Performed & Type of qualification test Not Tested acture lest

Imput Itum
Tensis Ited
Mechanical Test Report No. DT 1702-07
Mel Test Report No. AOTPH089-MPH-05
Radiographic Test Report No: AOTPH-1088-Report-06
Confirmation of validity by employer-habiting to ordina
Tate

Confirmation

For Al Fattan Ship Industry

Blake

Al Fattan Ship Industry

Tel: +971 2 552 7742 Fax: +971 2 552 7740 P.O. Box: 53509 - Abu Dhabi-United Arab Emirates



مؤسسة الفتان لصناعة السفن

+ 345 COTC (VET: alkau, 1911 (DTC VVET: alkau, 1916 (DTC VVET: alkau

ariables

FCAW-06 (156) (EN ISO 406 Pipe & Plate Butt Welds PA (15) & PF (3G) FM1 & FM2 B, A, RA, RB, RC, RR, R,03,13,14,19,20,24,27, 15,16,18,28,45,46

3 mm to 22 mm 500 mm & shows

Certification Agency (DNV GL)

WELDER QUALIFICATION TEST CERTIFICATE As per AWS D1.1 :2015



For Client

26/03/2017 Valid Until : 25/09/2017 Record of Actual Values Used Qualification SMAW-Marmail Mication Range Process/Spec[Tabri-4.12.ttem(1)]
Electrode(Single or Multiple([Table 4.12.Item(7)]
Electrode(Single or Multiple([Table 4.12.Item(7)]
Processor(Table 4.12.Item(3))
Wold Progressor([Table 4.12.Item(6)]
Back Most (Single 4.12.Item(6))
Back Most (Single 4.12.Item(6))
Back Most (Single 4.12.Item(6)) Single DCENA DCEP DOEN A DOEP API SL X52 API 51, K52 or i Inchness (Plant) File: MeiaTTitle 4.12 2.6.3 with backing & 4 W With not backing No [Table 4:12, 3cm(2)] oFlux Type(table 4.12)

nal Examination chanical Examination

For All Faltan Ship Industry Certification Agency (DNV GL) Dard wh. 5

Al Fattan Ship Industry

Tel: +871 2 562 7742 Fax: +971 2 562 7740 P.O. Box: 53507 - Abu Dhabi-United Arab Emirates



مؤسسة الفتان لصناعة السفن

سالله ۱۹۷۲ ۱۹۵۳ ۱۹۷۲ ۱۹۷۲ ۱۹۷۲ ۱۹۷۲ ۱۹۷۱ ۱ ورب ۱۹-۵۹۵ الوهر بر الاستران العرب به العام العام

06.04.2017

WELDER'S QUALIFICATION THE CERTIFICATE

EN ISO 9606-1 111 T BW 1.2 B t 12.7 H-L045 ss nb WPS Reference: Job Knowledge: Welder's name: AL FATTAN/WPS - 04 Rev 00 Validity Until. Cognizant code

Velder ID: W003



faterial Specifications: EN S355 NLH to EN S355 NLH Parent material(s) Group 1.1 & GROUP 1.2 Filler material Spec. AWS 51 E7016-1 & E7011

riable Parameters	Actual values	Range of Qualification
eding process	MMAW [111] (SMAW) (EN ISO 4983:2010)	MMAW [111] (SEAW) (EN -50 4063/010)
pe of product Plate or Pipe)	Pipe	Pipe & Plate
nt type	Butt Weld	Butt Welds
elding Position	H-L045 (6G)	PA (1G) PC (2G) PF (3G) & PE (4G) H-L045 (8G)
er material group	FM1	FM1 & FM2
er material type	В	B, A, RA, RB, RC, RR, R,03,13,14,19,20,24,27, 15,16,18,26,45,48
elding gas	N/A	N/A
derial thickness(mm)	12.7 mm	3 mm to unlimited
e outside diameter(mm)	219.1	109.5 mm & above
ald Coteils	ss no	as nb, as mb, bs
Type of qualification test	Performed & Not Taxand	

Visual Testing agnetic Particle Test ye Ponetront xist

Tensice (98)
Mechanical Test Report No. N/A
MPI Test Report No. N/A
Radiographic Test Report No: AOTPI-1088-Report-09
Confirmation of validity by employer/we ty by employer/welding co ordinator for the following 6 months Signature Position or Des

For Al Fattan Ship Industry Certification Agency (DNV GL)

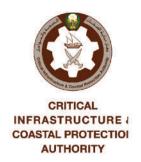
ISO CERTIFICATES







MAIN CLIENTS













OUR MILITARY SUPPORT

To support is our lifestyle

Trusted to deliver critical support and operate sensitive facilities by military organizations, we have deep expertise in delivering economical and high quality defense service. AFMS is an approved Department of Defense contractor providing marine services and transportation Deployment, Redeployment and repositioning of war & peace time equipment and supplies to the UAE Military Forces stations and bases.







Our Location

Al Sader Port, Al Taweelah Street, PO Box 53509, Abu Dhabi, UAE Speak to Us

Phone: +9712 562 4111

Reach Us

Email: info@alfattan-marine.ae Website: www.alfattan-marine.ae







