

IT ALL STARTED WITH ONE MAN WHO DARED TO THINK DIFFERENTLY.

"WHAT WE GAIN FROM THE SEA, WE GIVE IT BACK TO THE SEA."

Capt. Altay ALTUĞ





FAMILY ON THE SEAS FOR 7 DECADES

Captain Altay Altuğ graduated from today's Istanbul Technical University Maritime Faculty in 1952. He worked for Turkish Maritime Corporation (TDİ Türkiye Denizcilik İşletmeleri A.Ş) on passenger and cargo ships until 1961.

He has courageously saved the lives of port workers from a cargo fire onboard his vessel while he was the second officer. He was promoted and assigned to be a harbour pilot in İzmir port; thereafter he has been promoted as the İzmir Port Chief Pilot and served until his retirement.

He established the first modern pilot station in İzmir on a floating pontoon with VHF radio communication facilities. In the meantime, he played a significant role in establishing pilotage services at İzmir Aliağa Refinery.

He was retired in 1979, with profound enthusiasm and entrepreneurship to st a business for pilotage and towage services. he acted as a leader and pioneer in order to fulfill his ideals with his unique expertise and innovated those services into their most contemporary applications in Turkey.

Today, Captain Altay Altuğ is still the president of **UZMAR** and his family continues turning his dreams into reality.

BREAKING NEW GROUNDS AND BEING THE "FIRST" OF TURKEY MARITIME INDUSTRY SINCE 1952

"A PILOT IS THE NATIONAL REPRESENTATIVE OF THE SAFETY AT SEA"

Capt. Altay ALTUĞ





First Pilot Station of Izmir.

First Stationary Pilot Station of Turkey.

First Pilot Radio Station of Turkey.

First Private Authorised Pilot Station of Turkey.

First Private Company assigned by the Ministry of Transport, Maritime and Communication as the "Authorised Pilotage and Towage Organization".

First "Serial Production Based Ship Building Facility" in Turkey.

First Shipyard in Turkey to develop an in-house ERP System.



FIRST PILOT STATION OF IZMIR

Senior Captain Altay Altuğ's efforts and forward thinking shaped today's quality standards of ship-handling operations and pilotage services in Turkey.

FIRST STATIONARY PILOT STATION OF TURKEY











BUILDING THE FUTURE WITH THE STRENGTH FROM OUR PAST

The story of UZMAR commences in 1973 with the founding of "The First Private Authorised Pilotage and Towage Company" by Senior Captain Altay Altuğ (Maritime College, 1952), to provide services to private sector ports and harbours in the Aegean Sea.

In 1996, UZMAR began building its own tugboats to expand its fleet by achieving the highest construction quality with the potential to export them promptly. As of 2007, UZMAR has been executing the modular serial production method to manufacture the state of the art vessels at its new shipyard in Kocaeli Free Zone.

Since the very first day of its establishment, UZMAR has been following and practicing the traditions and the values of maritime heritage.

Today, UZMAR annually conducts more than 14.000 successful ship maneuvers at Nemrut Bay / Aliağa and Akçansa Cement Plant Harbour / Çanakkale while building and exporting a wide range of different types of vessels to more than 22 countries in 6 continents.









PILOTAGE AND TOWAGE

UZMAR is the first private authorized pilotage and towage company licensed by the "Ministry of Transport, Maritime and Communication", and the sole service provider in the Nemrut Bay / Aliaga and Akçansa Cement Factory Terminal / Çanakkale since 1993.

UZMAR provides harbour towage services and operates a fleet of Azimuth Stern Drive (ASD) and Conventional Twin Screw (TS) tugs with powers ranging from 17 tons to 85 tons bollar-dpull meeting the requirements of different ship types, tonnages, and dimensions.

UZMAR's strategy is to offer services with safety and high efficiency well beyond the maximum requirements.





SALVAGE

UZMAR has established a ministry-licensed "Oil Spill Emergency Response Centre" in 2010 at the Aliağa Nemrut Bay Region. With its trained and licensed team members, advanced equipment and modern fleet, "UZMAR Oil Spill Emergency Response Centre" is always prepared and ready to respond oil spills in the region, on a 24/7 basis.

UZMAR has also been actively involved in marine salvage operations.

UZMAR has been taking part in the fire fighting operations on vessels and coastal facilities with its highly competent fleet of modern and powerful tugs, workboats with fire fighting capabilities and its experienced, highly qualified team.





EMERGENCY RESPONSE

More than 100 team members of UZMAR has marine pollution training certificates (OPRC 1-2 and HNS 1-2) and ready to intervene in the instantaneous operations successfully. Nearly 20 of this personnel are the Management Team who operates the UZMAR fleet including "Oil Recovery Ship" Notation vessels.

As of 2019, UZMAR provided Marine Pollution and Emergency Response Service for over 10 coastal facilities in Aliaga Nemrut Region.

Since 2010; on behalf of 40 coastal facilities, 13 marine pollution emergency response drills, 28 emergency response seminar training, and more than 15 marine pollution response operations were carried out successfully by UZMAR.









CAPTAIN PILOTS

UZMAR is the sole service supplier at Nemurt Bay / Aliaga Region and Akçansa / Çanakkale Region, with a team of nearly 350 dedicated professionals, including highly skilled and experienced pilots, dispatchers, boat captains, and deckhands.

Their mission is to provide safe, reliable and efficient vessel transits. In any given year, captain pilots work around-the-clock and provide service to more than 14.000 vessels.

Emergency Response Service is carried out within minutes of response time and Oil Spill Operations are executed successfully by the experienced team of UZMAR.









FLEET

UZMAR's modern fleet is compatible to provide service to LNG terminals with its highly maneuverable and marine capable pilot-boats, service boats, and multi-purpose tugboats with more than 85 tons of towing power.

Tugboats are for ship assist services such as pulling, pushing, berthing, unberthing and escorting ships during approach and moreover for salvage, firefighting and emergency oil spill response duties on-demand.

Line handling boats are for line handling and general harbour support duties, including emergency oil spill responses. Pilot boats are for transferring captain pilots to the piloted vessels.









SHIPYARD KEY FIGURES

Since the first UZMAR-built tug was delivered to its own account, UZMAR Shipyard has proved itself as the go-to builder of advanced quality tugs and workboats along with a various range of high-performance vessels.

Having built more than 150 vessels and delivered them to more than 22 countries in 6 continents, today, UZMAR Shipyard has grown into a world-class pioneer shipbuilder and became the first choice of the world's leading tug owner companies.

Benefiting from its comprehensive experiences in ship-handling operations and shipbuilding industry, UZMAR implemented a vision of a unique production method, by utilizing progressive engineering solutions and advanced shipbuilding technologies at its modern shipyard.

Shipyard Area 60.000 m2
Enclosed building area 20.000 m2
240 meter long pier
Gantry Cranes
Floating Dock
The annual steel processing capacity is up to 20.000 tons
Compiles with NATO Secret Facility Security Clearance Certificate
Enterprise Resource Planning (SEM)









CUSTOMER VALUES

UZMAR listens to customers' specific technical and budgetary requirements and assists them in selecting the right type of equipment for their future operational needs and local conditions.

BUILDING EXCELLENCE

Each customers' unique requirements are important for UZMAR since the industry increasingly demands tailor-made vessels to meet the operational obligations and local provisions.

Whether having a shallow draft with an increased dead-weight or speed, better seakeeping capability, higher escort performance, increased crew comfort needs or propulsion technology of diesel, dual fuel, full LNG, electric or hybrid; UZMAR has a solution for you.





HEALTH AND SAFETY

All operations in UZMAR are executed based on the principle of protecting human life and health as well as protecting the environment, community, equipment and property.

UZMAR's goal is to focus on protecting the safety and health of the workforce and to provide further benefits to employees, local communities and customers, as well as to elevate the environmental health standards to leave a minimum footprint in nature.

Regulations covered by the security management of UZMAR, (risk assessments, periodic training, health checks, field exercises, certificates and emergency management systems, providing certified and tested safety equipment to each person within the facilities) comply with local and international standards. This way, the health and safety vision implies with 100 per cent efficiency.

UZMAR has adopted the principle of "Zero Risk Business Site" since its establishment and maintains its quality, environmental and occupational health and safety standards with Llyod's Register Quality Assurance certifications of ISO 9001, ISO 14001 and OHSAS 18001.

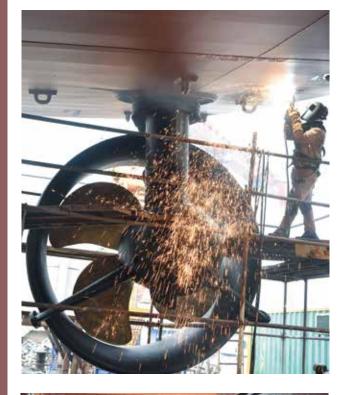






ACHIEVING THE HIGHEST STANDARDS

- Expertise in building complex vessels of a different variety.
- Innovatively designed building areas for new constructions and repairs, with high-end equipment meeting the most demanding requirements.
- Continuous product development with sustainable quality certified by numerous international institutions.
- All vessels maintain a clearly defined quality level according to the customer's demands and the most updated procedures and standards.
- An unmatched record for on-time delivery, awarded by international institutions.
- High competence in-house detailed engineering, providing clients with premium tailor-made vessels for their unique requirements.
- Advanced technical know-how of years of experience in the maritime industry.
- Maximum benefit from enhanced ERP system, developed in-house, for sustainable quality, cost efficiency and fast delivery.
- Expert craftsmanship in time-sensitive construction and repair.









DETAIL ENGINEERING

Demountable Platforms

No hot processing is required for maintenance and repair. All platforms are made of aluminum for easy maintenance. Between aluminum plate and anchorage pillar, vibration and noise absorbing gaskets are used.

Demountable Handrails

Easy maintenance through the demountable handrails around the equipment.

Machine Mounting

Each machine has 6 resilient mounts, therefore vibration and noise levels are at minimum. Under the resilient mount, instead of chock fast and epocast, rotachock is used. Therefore if there is an alignment problem occurs in the future, no crushing work is required. Adjustments can easily be made with rotachok.

Composite Shaft

Vibration and noise levels are at minimum by using the composite shaft. Maintenance and repair are easy. Since there is no bedding when composite shaft is used, overheating is never a problem.









STATION BASED SERIAL PRODUCTION

From the beginning of the project to the end, each work at the vessel has a shop order planned by the Planning Department and a drawing created by the Design Department at the in-house developed SEM ERP system.

Production Department is responsible for completing shop orders by using the materials described by design.

During the production, responsible foremen enter the man-hour and completing percentage data of each shop order at the ERP system. If there are nonconformities about drawings or materials, responsible foremen and engineers use change request system and create nonconformity reports. These reports are closed at the system by the creator when the problems are solved.

This circle continues at each station, generates the "Station Based Serial Production Method" that UZMAR efficiently uses at each project.

- ST.02 Single Parts Production Station
- ST.04 Prefabrication Station
- ST.03 Component Production Station
- ST.05 Plate Panels Production Station
- ST.07 Curved Panels Production Station
- ST.06 Section Production Station
- ST.08 Main Section Production Station
- ST.48 Outfitting Production Station
- ST.09 Block Outfitting Station
- ST.50 Paint Hall Station
- ST.12 Erection
- ST.15 Quay





O2 STATION SINGLE PARTS PRODUCTION

All plates and profiles are cut at this station and addressed to the next station.

All welding edges, chamfering and sharp corner / anti-aliasing processes (for pre-painting surface preparation) are completed with the semi-automation system.

The produced parts are packed separately according to the stations they are addressed.



O4 STATION PREFABRICATION PRODUCTION

Lama winding, profile setting, pre-production hot works, etc. of all the parts transferred from single parts production station are made at this station.

The prepared parts are packed and marked for the next station after quality controls.



O3 STATION COMPONENT

PRODUCTION PRODUCTION

The individual parts and panels from the prefabrication and panel production stations are transformed into components at this station in order to increase the efficiency by decreasing the time and labor in the block production stations.

The quality control of the components is made before they are transferred to the other stations. All welding operations are performed in a proper horizontal position.



O5 STATION PLATE PANELS PRODUCTION

Plates, sections and prefabricated parts are assembled and paneled at this stattion.

All measurement controls (width / length / diagonal) are made and the panels are transferred to next station.



O7 STATION CURVED PANELS PRODUCTION

Plates, profiles and prefabricated parts transferred from ST.2 and ST.4 are assembled together to form a curved panel at this station.

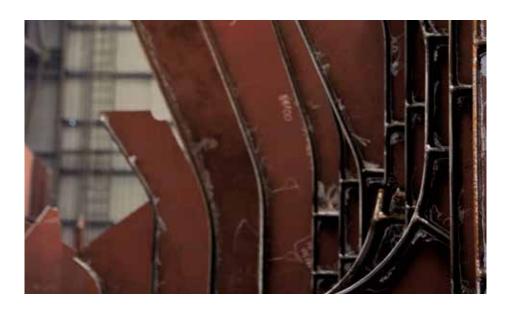
All measurement controls (width / length / diagonal) are made to transfer to other stations.



O6 STATION SECTION PRODUCTION

Parts from Station 02, Station 04, Station 03 and Station 05 are assambled to form sections in this station to facilitate the time and labor in the section production station.

All welding operations can be done in a suitable position, which is horizontal.



O8 STATION MAIN SECTION PRODUCTION

Main section manufacturing station is the station where the parts transferred from Station 05 and Station 07 are assambled into the main block.

At the end of this station, the shipyard does the quality control and the blocks are delivered to the classification societies.



48 STATION OUTFITTING PRODUCTION

All outfitting that is decided to be manufactured in the shipyard (handrails, masts, manhole covers, hatches, etc.) are manufactured at this station.

In order to increase the efficiency in the block outfitting station, outfittings are manufactured in a separate station and made ready for installation at the next station. Post-production materials are transferred for surface treatment (galvanizing, painting, metalizing, etc.).



09 STATION

BLOCK OUTFITTING PRODUCTION

All the outfitting required for hot works of the main blocks which are delivered to the classification societies is performed at this station.

Equipment, pipes, electrical cable ways, all bulkhead and deck penetrations, insulation pins and carcass assemblies, the hydrostatic and pressure tests of the tanks formed in the block, are covered by the works carried out at this station.

In addition, valve assemblies are completed at this station in order to accelerate the installation of pipes. At the end of this station, the shipyard does the quality control and the blocks are delivered to the classification societies.

The main subjects of this station are;

Spools

Spools are produced according to spool production drawings that are prepared by design, and tested according to requirements of class societies.

Each spool has a part number, which is also mentioned in the isometric montage drawings.

This part number contains block, piping system and spool number.

All isometric pipes are mounted according to system drawings at station 9. Bolts and nuts that are used in exterior areas are all stainless steel material.

- Electrical cableways
- Steel outfitting
- Insulation and HVAC hot works









50 STATION PAINT HALL STATION

After station 9, the block is taken to the paint hall with hydraulic transporters for blasting and painting arrangements.

The quality of the paint at UZMAR Shipyard is precisely followed from raw material purchase to ship delivery and post-delivery support process.

All hot works (including all detail outfitting works) are completed before the paint station.

All surfaces are scarped in SA2,5 quality before the painting starts.

Blasting and painting works are carried out in closed halls according to the international environmental regulations. All floor paints and re-paint jobs of the block are completed inside the hall.

Valves and equipment are covered to avoid damage that can occur during blasting and painting.

With first blasting, welding and grinding, mistakes are visible if there are any. Following the repairs, final blasting starts.

When blasting finishes, the blasted area is completely cleaned with vacuum for dust, salt, and adhesion tests.

Painting process starts with the tanks and proceeds with the bilge of block, inside of the block, shell, and main deck.

At every layer of coating, official invitations are sent to the paint inspector and owner representative for confirmation of the work.

After final paint and final cleaning, the block is taken out from the paint hall with hydraulic transporter and transferred to the Erection Station (St.12).







12 STATION ERECTION

The assembly of the blocks transferred from St.50 is completed at this station. Insulation and deck covering, wall and ceiling panelling, cabling, HVAC works, furnishing, machinery (mounting of all pumps, modules, main engine propellers), fender mountings, final pipe mountings and electrical connections are completed according to design drawings.

Painting of the tanks built after erection and parts assembled with hot work is also completed here. Station 12 ends with the launching of the vessel. Shipyard's floating dock is used for this process.



15 STATION QUAY

The harbour and sea trials (HAT/SAT) of the ship, which is launched at the end of Station 12, are made and the vessel is prepared for delivery at this last station.





ONLINE BUILDING PROGRESS

UZMAR provides its clients online access to the building status of their vessels, by means of online monitoring system SEM (ERP) software and receives reports of the actualman-hours for each workstation, the completion percentage of work activities and specific milestones.

SEM ENTERPRISE RESOURCE PLANNING

"SEM" ERP has been designed in-house, for organizations that have production building phases based on projects, such as shipyards, in order to provide tailor-made solutions with maximum efficiency.

All the modules in SEM are tested in real-time projects.

This know-how eases the adaptation period of new building projects for any organization.

The infrastructure of the system is such designed that the data flow is supplied by different departments, so that the progress reports are objectively monitored by the customers and the UZMAR project managers, at the same time. This online tool can be reached by UZMAR customers worldwide and anytime as demanded.





UZMAR

SEM ERP SOLUTIONS

UZMAR Shipyard is the "first shipyard" in Turkey that implemented SEM (ERP) system to the entire production process and utilize it with hundred percent capacity.

SEM Enterprise Resource Planning program has been developed "in-house" with the contribution of UZMAR's experienced team members, who have been in the sector for over ten years and also continues to develop following the ongoing projects UZMAR has been working on.

SEM (ERP) has a vision of meeting the company's needs by offering solutions with its innovative and trend technological infrastructure (Mobile, Web, Big Data, Artificial Intelligence).





SEM MODULES

Project Follow Up

Vital information such as the man-hours spent on projects is managed and monitored by SEM ERP program. Various progress of the projects is monitored instantaneously with many reports and screens (s-curves, graphics, material delivery reports, etc.).

Being a real-time program, SEM ERP, makes it possible for customers to monitor this information online anytime they demand.

Project & Activity Management

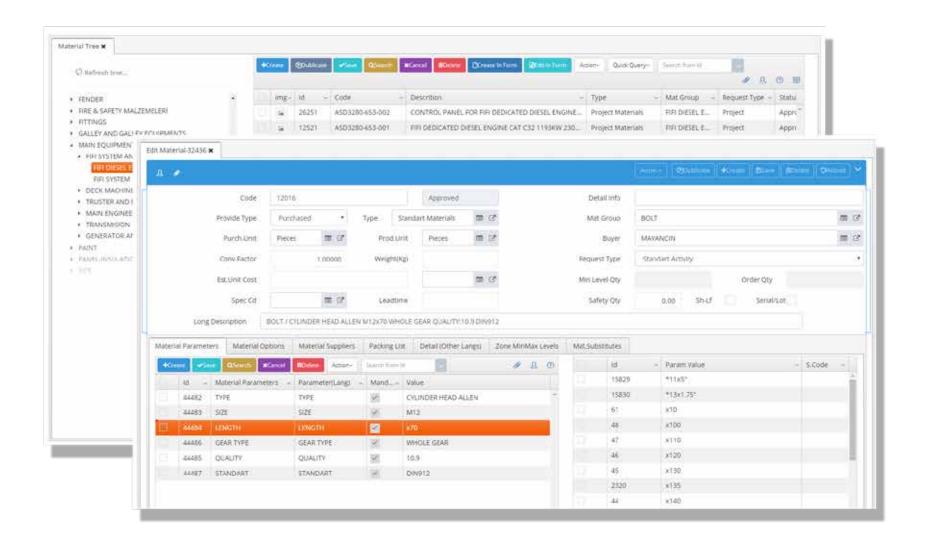
Monitoring Projects, Activity Planning, Man X Hour and Physical Completion Tracking In UZMAR Shipyard, detailed planning is carried out for each work stage from the offer duration to the after sales support. Its in-house developed software, SEM ERP system, makes this planning most effective and manages more than 300 main activities in a project, each of which has an average of 15 detail work orders.







UZMAR®



SEM MODULES

Change Management

Parametric (automatic addressing based on a subject such as procurement, design, quality etc.) set up for change management.

The change management system within the SEM ERP program is effectively used at every stage of the project. During the projects, each change request is matched with related links, root causes are determined and necessary actions are implemented by the system.

Material Management

Bill Of Materials, Procurement, MRP

As a result of detailed design and planning, the demands of all the materials required for the product to be produced and the inventory control are managed by the improved MRP in SEM. UZMAR Shipyard provides 100% real-time inventory management with just the right material at the exact time and with low inventory costs.

Document Management

Revision Tracking, Distribution Control, Etc.

Subcontractor Management

Contracts, Payments, Charges, Billings

Maintenance Management

Periodic Maintenance, Cost Analysis, Warranty Follow Up

Finance Management

Budget, Cost Management, Cash Flow Control, Accounting

Human Resources

Employment, OBS, Access Control, Shift Management, Administrative Works

Sale & After Sale Services

Warranty Claims and After Sale Service Management









PROGRESSIVE ENGINEERING

UZMAR utilizes advanced engineering capabilities, high level production technology, and the best project management practice in shipbuilding.

UZMAR is capable of increasing performance and maximizing the productivity by creating a seamlessly integrated and synchronized enterprise that links designers, engineers, classification societies, equipment suppliers, system integrators and subcontractors.

UZMAR in-house develops highly detailed designs of living spaces onboard the vessels, integrating the harmony of the crew with the functionality of systems, respecting environmental values and positioning the human element in first place with a functional and modern style.





LEADING BY CUSTOM BUILT AND ON-TIME PROJECT

Most of UZMAR's new building project orders are from owners with a specific service contract where the vessels need to be in the operation area within a certain time.

UZMAR's reputation derives from the modern serial production method that results in exceptional quality and on-time delivery which are the most important criteria on budget fulfillments of the new building projects.

UZMAR is capable of building modern harbor and ship assist, terminal, escort and offshore tugs and supply vessels, shallow draft utility workboats, shallow draft river push boats, line-handling and harbor-support tugs up to 170 meters in length and of any power range, whether having direct diesel or diesel-electric or hybrid propulsion technology,

UZMAR uses designs of Robert Allan Ltd. and other reputable naval architecture offices around the world and carries out every project with a unique vision with its own highly qualified design team.





COMMITMENT AFTER DELIVERY AND LIFETIME SUPPORT SERVICES

UZMAR's dedication to the needs of its customers in every new building project is an everlasting engagement.

Periodically or as required, technical assistance for maintenance or repairs is provided with Lifetime Support Services.

UZMAR Lifetime Support Services is a free distance technical assistance for spares and on-site maintenance or repair services for regular or on-call requirements on worldwide basis.

SUPPLY OF COMPLETE DESIGN AND MATERIAL PACKAGES - CDM

UZMAR cooperates with worldwide shipyards by providing design and material packages of UZMAR built proven-performance vessels.

UZMAR's engineering assistance, technical and logistic solutions ensure the overall success of such projects.



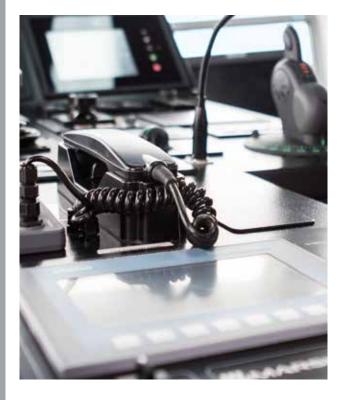


TRAINING

During building or after delivery, highly qualified UZMAR field engineers and captains provide a free in-house or on-board technical and operational familiarization including maintenance and training programmes for Owner's captains, engineers, and crew.

Same scheduled training programmes are provided at any location worldwide on demand.

UZMAR offers Tug Captain Simulation Training Programmes for conventional twin screw, ASD, Voith or Rotortug propulsion systems in close cooperation with 9 Eylül University Maritime Faculty Simulation Center, İzmir, Turkey. Same training programmes can be conducted on-board vessels in the UZMAR fleet on request.









REFERENCE DELIVERIES



WE HAVE REPUTATION AS PREFERRED TUG BUILDER FOR MANY OF THE WORLD'S MOST ADVANCED TUG OWNERS.

GLOBAL FOOTPRINT









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