

# Superior Standards

 **WOODWARD**

 **SCHALLER** AUTOMATION

**TAMAY**

Woodward Governor & Schaller Automation  
official representative in Turkey since 2007



**TAMAY**

 **WOODWARD** |  **SCHALLER** AUTOMATION

## Table of Contents

Executive Summary	6
Certificates	7
Woodward Inc.	8 - 15
Schaller Automation GmbH	16 - 23
Workshop	24 - 25
Our Partners	26 - 27
References	28 - 29

# Executive Summary

Tamay Shipping and Engineering Services Co.

**Established:** 2007, Tuzla, Turkey

**Business Description:** Tamay Shipping & Engineering is the representative of Woodward Governor & Schaller Automation (Visatron) Oil Mist Detector which established in 2007 in Tuzla / Türkiye.

Tamay Shipping & Engineering provides maintenance service and spare parts provision for both Woodward governors and Schaller oil mist detectors, under the guarantee of the manufacturer companies.

In addition to **“Woodward”** Governor and **“Schaller”** Oil Mist Detector representation, Tamay Shipping & Engineering operates in every kind of maintenance and spare parts provision for marine industry, machinery industry and powerplant diesel engines.

**Tamay** technician shares woodward-certified and proficient in overhauling woodward mechanical and/or electro-mechanical governors and actuators.

We are also equipped for overhauling and testing governors on board ship (field service).

## Şafak Uygun

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Sales Manager

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Tamay Denizcilik ve Mühendislik Hizmetleri  
Eviya Çelebi Mah. Genç Osman Cd.  
Gemiciler San. A-Blok  
No: 21 34944 Tuzla İstanbul / Türkiye

## ISO Certification

Tamay believes that the utilization of advanced technology and creative ideas are destined to be transformed into quality products and services and it continues to grow.



ISO 9001:2015

ISO 14001:2015



Authorized  
service of  
**Woodward Inc.**

 **WOODWARD**  
Business Partner



**Tamay Shipping and Engineering** is a **Woodward** Authorized Independent Service Facility for mechanical and/or electromechanical governors and actuators. Through our facility in Istanbul, we provide **Woodward** products and services throughout Turkey. Our company has a workshop equipped with a bench test rig and all necessary accessories and technical documentation. We have a large inventory of spare parts that includes bearings, ball bearings, thrust bearings, O-rings, gaskets, preformed packing, drive shafts, terminal shafts, bushings, flyweights, pins, etc.

**Tamay** technicians are **Woodward**-certified and proficient in overhauling Woodward mechanical and/or electro-mechanical governors and actuators. We are also equipped for overhauling and testing governors on board ship (field service).

<b>Primary Service Territory</b>  Middle East & Turkey	<b>Contact Category</b> AISF (Authorized Independent Service Facility) <b>Governors and Actuators</b>	<b>Location</b> Turkey 
<b>Support Provided</b> Repairs/ Repair Service Replacement Parts	<b>Products</b> • Actuation Systems • Governors • Valves	<b>Applications</b> • Engine Control Systems • Turbine Control Systems • Gas & Steam Turbine • Steam Turbine • Engines

Woodward  
Hydraulic  
Governor  
systems can be  
categorized as  
UG, SG, PSG,  
3161, PG, EGB,  
EG Actuator  
and Hydraulic  
Amplifier  
sub-products.



UG-8 DIAL GOVERNOR



PSG GOVERNOR



UG MAS GOVERNOR



3161 TYPE GOVERNOR



UG-25+ GOVERNOR



PGA GOVERNOR



EG-3P / EGP-10P



EGB TYPE



EG-1P / 2P

UG40-DI Governor  
Professionalism in  
every step.

While all this equipment is hydraulic, it is of the manual-, remote- or electronically controlled-type. Oil components used in all hydro-mechanically operating governor units for lubrication and tightening processes gradually lose their features, whereas damage begins to be seen on mechanic governor components.



This seemingly minor damage eventually hinders your machine's operation. Moreover, equipment such as O-rings, gaskets, seals, etc. will gradually lose impermeability as they have limited utilization, causing needless oil leakage, whereby governors without oil will incur heavy damage.

To avoid this, as a priority, users should replace governor oil every 1,000 hours, whereas the overhaul process shall be conducted at **Woodward** Authorized Workshops every 16,000 hours. In this manner, governors shall work for years without any failures, just like new.

In cooperating with you within this framework to expedite your governor at scheduled maintenance periods, our workshop is at your disposal.

**Woodward Authorized Independent Service Facility (AISF)**

Authorized service of Woodward Inc.

**WOODWARD**

To Whom it may concern,

Please be informed that

"Tamay Shipping and Engineering Co."

Located at:  
Evliya Celebi Mah. Genc Osman Cad. Gemiciler San. Sit. A Blok No: 21  
Tuzla/Istanbul TURKEY  
With contact details:  
e-mail [info@tamayshipping.com](mailto:info@tamayshipping.com)  
web [www.tamayshipping.com](http://www.tamayshipping.com)  
phone +90 216 446 83 38

Is the official Woodward Authorized Independent Service Facility (AISF) in Turkey that provides Services and Repairs to Woodward Hydraulic-Mechanical Governors & Actuators.

"Tamay Shipping and Engineering Co."

Is a business partner of "MAS S.A." the Full Service Distributor of Woodward Nederland B.V. for Turkey.

If you have any questions related to this letter please feel free to contact me.

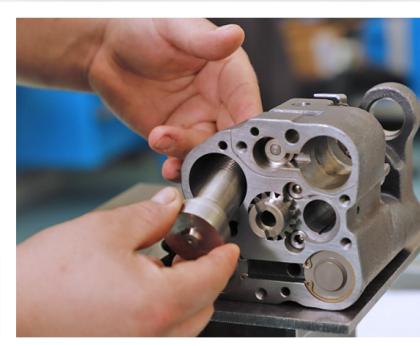
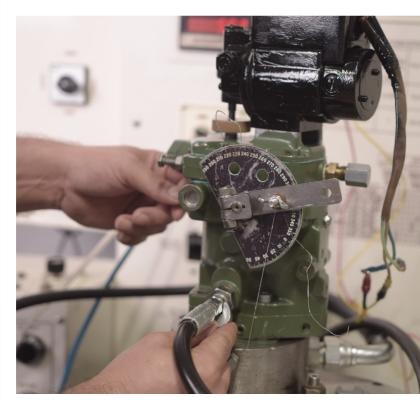
Most sincerely,



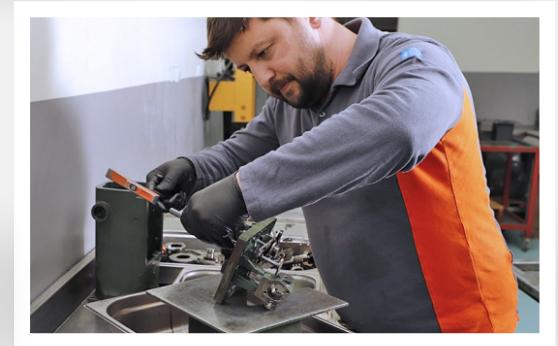
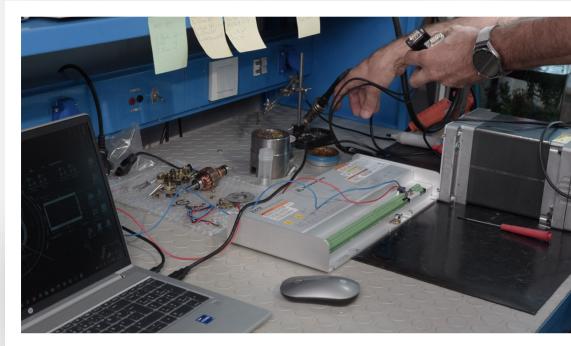
Rob Arends | Regional Business Manager  
**WOODWARD**  
Tel +31 23 566 1197  
Woodward Nederland BV  
[Rob.Arends@woodward.com](mailto:Rob.Arends@woodward.com)



W WOODWARD



W WOODWARD





Official Service  
Partner of

**SCHALLER** AUTOMATION



Schaller systems utilized both on-board ships and the diesel and gas fueled powerplants, all over the world starting from 1000 kW.

**TAMAY** offers service, complete units, upgrades, and spare parts.

#### Schaller Automation - Small unit, big impact

- Protects engines from potential explosion,
- Fast acting - seconds to engine shut down,
- Classification approvals - ABS, CG and more upgrades, and spare parts.

#### Schaller Visatron

- Approved by all relevant classification associations,
- Protects engines with a power range starting at approximately 2MW,
- Schaller Oil Mist Detectors will be available as fireproof version, soon,
- Access to global Schaller network also on diesel and gas fueled powerplants all over the world starting from 1000 kW. **TAMAY** offers service, complete units, upgrades, and spare parts.

Sale of Complete  
**VISATRON**  
oil mist detector  
systems

Installation of  
Complete oil mist  
detector kits



Complete range of  
Spare Parts

Delivery  
Within  
24hrs



#### Support Provided

"Authorized  
Repair and  
Service"  
Exchange Pool



Service on  
**Customer's Location**



Training of oil mist detector  
**Online 24/7**



## Schaller Unit Service

Our workshop  
has become  
known for quick  
repairs and **first  
class service**.

Our goal is to have each and all overhauled oil mist detectors work as it did brand new.

We have our own **highly  
skilled** service crew for offering service and repairs at vessels location.

We are always making sure that the complete system works according to the specified instructions of the systems. This means that we are checking and testing not only the oil mist detector but the complete oil mist detector installation with sampling funnels, tubing system, pressure reducer etc.

**Our highly skilled personnel conduct training programs for the crew upon demand.**

Regular maintenance services are recommended to ensure optimum operation of your equipment. Our factory-trained technicians are available 24/7 to service and repair your Schaller Visatron.

- Routine maintenance: annually or every 6,000 operating hours
- Change air filters every 2 months
- Change pressure regulator filters every 6 months
- Repair or exchange measuring head every 4 years
- On site troubleshooting for unscheduled shutdown

# Recommended Maintenance Schedule

This recommended maintenance schedule is valid for Oil Mist Detector model

VN 115/87	VN 115/87 EMC	VN 115/87 plus	VN 115/93
VN 116/87	VN 116/87 EMC	VN 116/87 plus	VN 116/93
VN 215/87	VN 215/87 EMC	VN 215/87 plus	VN 215/93

Recommended routine maintenance schedules need to be adhered to as described below. Valid for gas operation with TPS turbo chargers, stationary powerplant applications and marine engines.

## What to do?

### 1 Procedure

- Check the negative pressure with u-tube manometer. Adjust if necessary. Setting level is 60,00 mmH2O!
- Replace the sintered bronze air filter/fresh air filter (part no.10042) in the measuring head.
- Clean the fresh air bores in the measuring head. Use the cleaning needle (part no. 10135)
- Clean both infrared sensor glasses in the measuring head with cotton pins and technical alcohol.

**EVERY MONTH**

### 2 Procedure

- Replace sintered bronze filter and O-ring in the pressure regulator.

**EVERY 4 MONTH**

### 3 Procedure

- Replace complete service kit on OMD. Clean the inside/outside of base plate.
- Check performance of pressure regulator - replace parts if necessary.
- Clean suction pipes/pipe system and siphon blocks with compressed air.

**YEARLY**

### 4 Procedure

- Replace measuring head by spare unit.

**EVERY 4 YEARS**

### Note:

All maintenance steps should be performed while engine is stopped!

Official service partner of Schaller Automation for Turkey

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I herewith confirm that

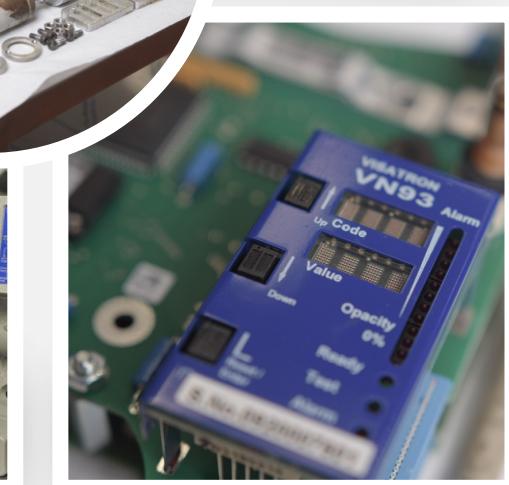
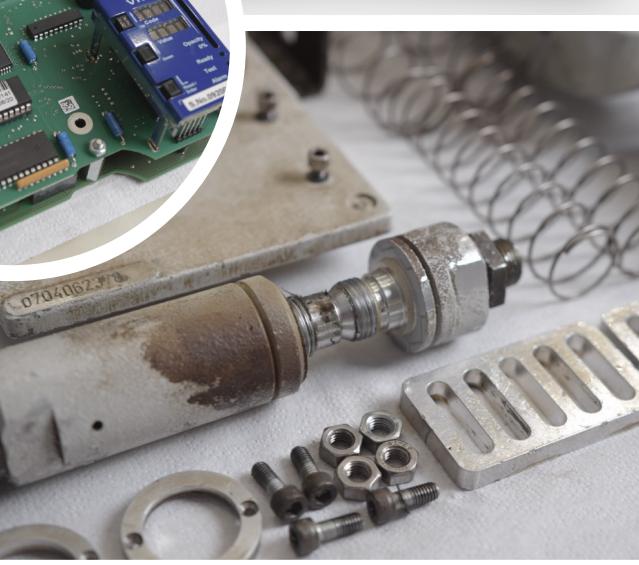
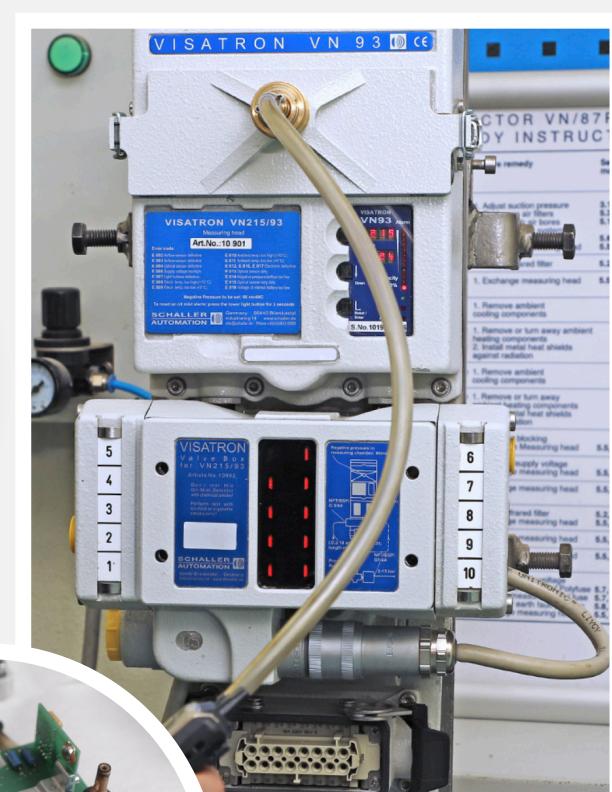
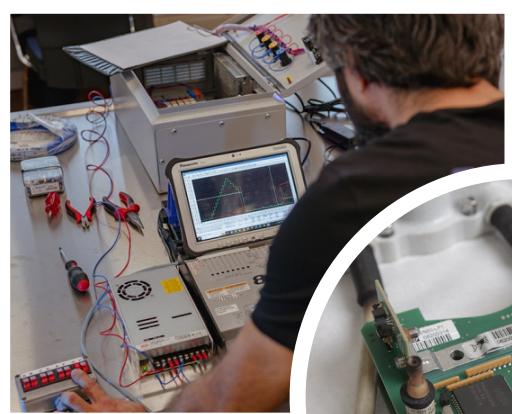
Tamay Shipping and Engineering Services Inc.  
Eviya Celebi Mahallesi  
Genç Osman Çaddesi  
Tuzla Gemciiler Sanayi Sitesi A Blok No. 21  
TR- TUZLA-İSTANBUL

is the official servicepartner of Schaller Automation for Turkey.

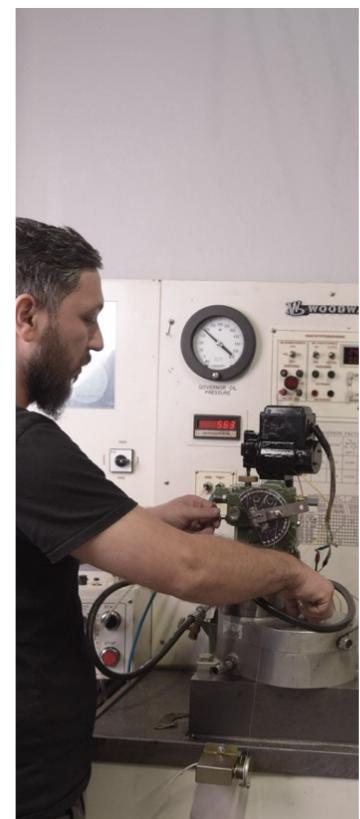
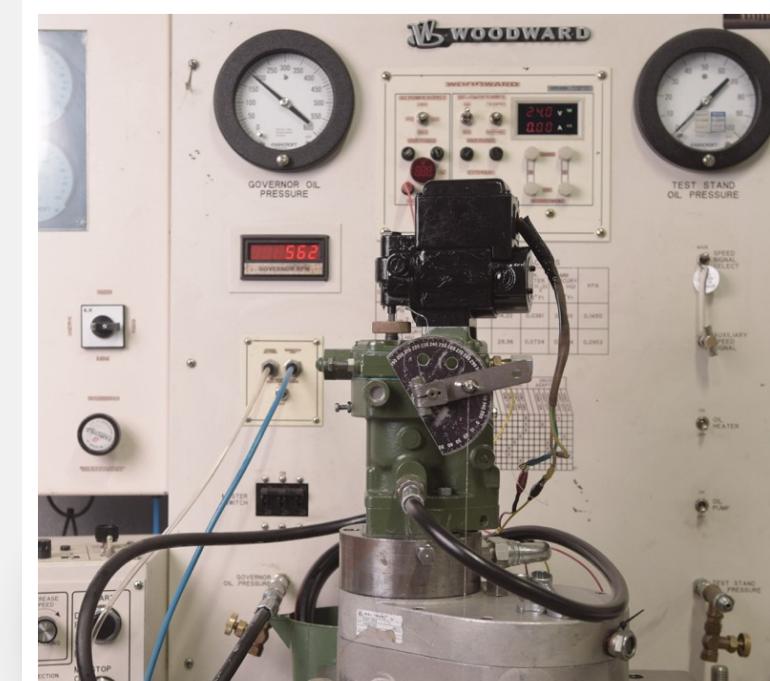
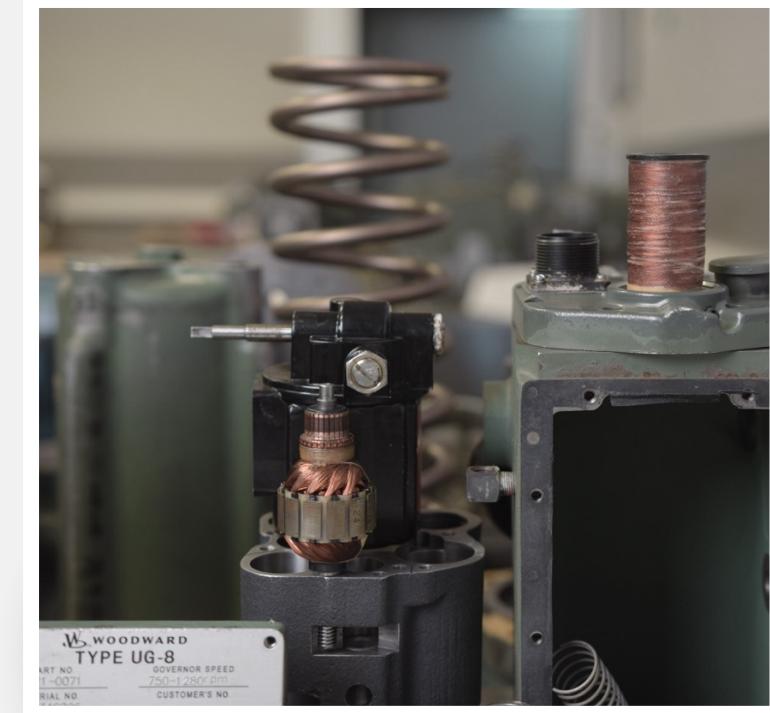
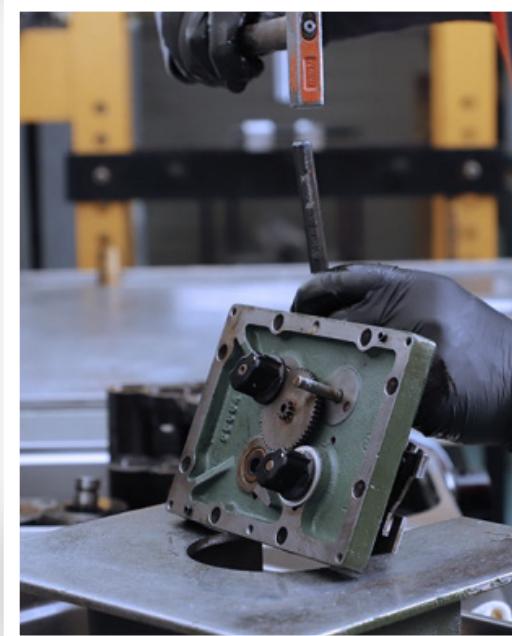
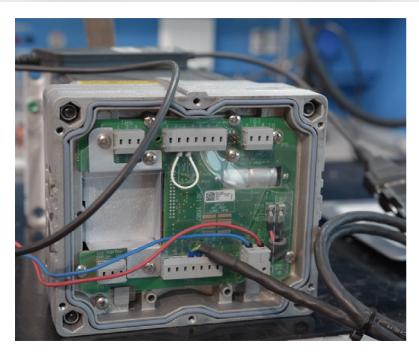
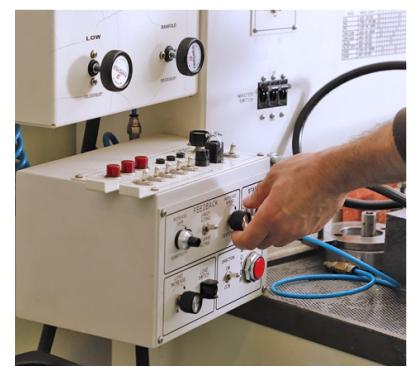
With kind regards

**SCHALLER AUTOMATION**  
Industrielle Automationstechnik GmbH & Co. KG  
  
BLIESKASTEL / SAAR - GERMANY  
Industrielle Automationstechnik GmbH & Co. KG  
Industriering 14, Telefon 0 68 42 / 508-0  
**66440 BLIESKASTEL**

Sven Bender  
Assistant Manager Prime & After Sales



## WORKSHOP



## Our Partners

Alphabetical order



### Art Shipyard

Art Shipyard is the new shipyard of Besiktas Group a long established shipping company and market leader in the ship repair industry in Europe. It is located at the heart of the industry in Tuzla bay, which is the traditional ship repair hub of Turkey.



### Besiktas Shipyard

Besiktas Shipyard was established in 2007 in Yalova Turkey as an investment of Besiktas Group. Just in 10 years it gained a global reputation and today it is listed as the 8th most active ship repair yard in the World, ranking 1st place in Europe with over 180 ships docking per annum.



### Desan Shipyard

Desan shipyard is equipped with advanced plasma cutting machines, cranes up to 300 tonnes lifting capacities, fabrication workshops, three floating docks up to post panamax size and berths over 1000m.



### Famagusta Shipyard

Has a floating dock able to provide services to vessels of up to 160 meters x 23,6 meters, light ship up to 8.000 Tonnes, and DWT up to 25.000 T. The shipyard has qualified workshops with a covered area of approximately 1.000 meters square.



### Gemak Shipyard

Exceeding 2000 ships furnished with the services of repair or conversion by Gemak Group since 1969, which is today capable of undertaking 5.500.000 DWT ship repair capacity per annum.



## Our Partners

Alphabetical order

### Kuzey Star Shipyard

Kuzey Star Shipyard Tuzla facility is established on an area of 108.000m2 and has a seafront of 280m. It carries out repair, maintenance and new construction operation with its 2 floating docks, 3 new construction slipways and indoor area of 16.000m2.



### Sefine Shipyard

Founded in 2005 and occupying over 140.000m2 of land for newbuilding, repair-maintenance and conversion. The shipyard is able to undertake ship repair services up to 90.000 DWT on its Post-Panamax size graving dock and up to 120.000 DWT on its Aframax size floating dock.



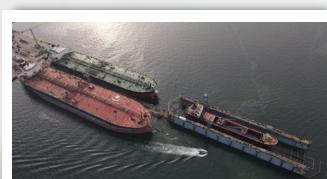
### Tersan Shipyard

Tersan Group's involvement in Marine Business is not limited with New Building and Ship Repair, Tersan is technical and commercial managing 7 pcs 11K DWT Chemical Tankers in worldwide trade. The basic principles, reliability, customer satisfaction, highest possible quality and hard work.



### TK Tuzla Shipyard

TK Tuzla Shipyard is one of the largest shipyard in Turkey and, throughout its history, it has been identified with remarkable naval work. Located in the Tuzla suburb of Istanbul, north east of the Sea of Marmara at the entrance to the Bosphorus, company provide drydocking, repair and conversion services with fast Turnaround times at competitive prices.



### Yalova Shipyard

Our state-of-the-art facilities include a 217-meter floating dock and a 1500-meter berth for efficient docking and afloat repairs. With a 75,000 m<sup>2</sup> yard and a 5000 m<sup>2</sup> closed hangar, we accommodate all types of conversions and prefabrications. Our eco-friendly infrastructure integrates renewable energy solutions, advanced waste management, and high-tech systems for seamless project execution, ensuring precision, quality, and sustainability in every service we deliver.

## POWER PLANTS AND FACTORIES

AKSA ENERJİ ÜRETİM A.Ş.  
BORUSAN MAKINA VE GÜÇ SİSTEMLERİ SAN. TİC. A.Ş.  
BOTAŞ LNG İSLETME MUDURLUGU  
DENİZLİ ÇIMENTO SAN. TURK. A.Ş.  
ERBİL STEEL COMPANY  
ESC ERBİL CELİK SAN. INS. İC VE DIS TİC. LTD. STİ.  
ETİ BAKIR A.Ş. SAMSUN İŞLETMESİ  
GEMLİK GÜBRE SAN. A.Ş.  
JOULE ENERJİ A.Ş.  
KARADENİZ ENERGY  
KARKEY KARADENİZ ELEKTRİK URETİM A.Ş.  
KARPOWER SHIP AMERICAS COMPANY LTD.  
KARPOWER SHIP CYPRUS COMPANY LTD.

KARPOWER SHIP IRAQ COMPANY LTD.  
MAN DIESEL VE TURBO SATIS SERVIS LTD. STİ.  
MOSB  
NUH ÇIMENTO  
PETKIM PETROKIMYA HOLDING A.Ş.  
ROLLS-ROYCE TURKEY GUC COZUMLERİ  
SAIPEMAR  
SCHALLER AUTOMATION PTE LTD.  
TAT GIDA SANAYİ AS.  
TOPAZ ENERGY  
TUKAŞ  
UĞUR SOĞUTMA MAKİNELERİ SAN. A.Ş.  
YEŞİLYURT ENERJİ ELEKTRİK URETİM A.Ş.

## SHIPYARDS

ANADOLU SHIPYARD  
BEŞİKTAŞ TERSANE ANONİM SİRKETİ  
ÇİÇEK SHIPYARD  
DEARSAN SHIPYARD  
DESAN DENİZ INS. SAN. A.Ş.  
DUZGIT GEMİ INSA SAN. A.Ş.  
ERKAL ULUSLARARASI NAK. VE TİC. A.Ş.  
GEMAK GEMİ INS. SAN. TİC. A.Ş.  
GÖLCÜK TERSANESİ KOMUTANLIĞI  
HATSAN GEMİ INSA BAKIM ONARIM  
İSTANBUL DEN. GEMİ INSAAN SAN. VE TİC. AS.

KUZEY STAR SHIPYARD DEN. SAN. VE TİC. A.Ş.  
SEFINE DENİZCİLİK TERSANECİLİK SAN. VE TİC.  
SELAH SHIPYARD  
SELAY SHIPYARD  
SNR SHIPYARD  
TERSAN TERSANECİLİK SAN. VE TİC. A.Ş.  
TUZLA GEMİ ENDÜSTRI A.Ş.  
TURKTEL SHIPYARD  
YALOVA SHIPYARD  
YARDIMCI SHIPYARD

## SHIPPING COMPANIES

ACE NAVIGATION LTD.  
AKVATON  
ALTERNATIVE TAŞIMACILIK A.Ş.  
ANDAMAN SHIPPING LTD.  
AREL DEN TİC. VE SAN. A.Ş.

ARKAS KONTEYNER TAŞIMACILIK A.Ş.  
ARMONA DENİZCİLİK A.Ş.  
ASC MARITIME CORPORATION  
ATLANTIS GEMİ İSLETMECİLİĞİ  
AUTUMN HARVEST MARITIME CO.

AYKOP OTOMASYON  
AZERBAIJAN CASPIAN SHIPPING  
BERNARD SCHULTE SHIPMANAGEMENT  
BEYKIM PETROCULUK SAN. VE TİC. A.Ş.  
BEYKOZ TANKERCİLİK A.Ş.  
BOGAZICI DENİZ TAŞIMACILIGI LTD. ŞTİ.  
BORUSAN MAKINA TİC. A.Ş.  
BURTRANS DEN. VE TİC. LTD. ŞTİ  
CALISA S.p.A  
CHEMFLEET  
DYNACOM TANKERS MANAGEMENT LTD.  
ECOSHIPS GEMİ IS. VE TİC. A.Ş.  
FAIR SEAS COMPANY LTD.  
FORTIUS SHIPPING AND TRADING CO. LTD.  
FRC HOLDINGS INC.  
FRIEDA NAVIGATION CO. LTD.  
GEN-MAR INS. DEN SAN VE TİC A.Ş.  
GRACE GROUP LTD.  
GRANMAR DEN. SAN. VE TİC. A.Ş.  
HH SCHEPERS BEREEDERUNGS  
HAMINFORD SHIPPING INC.  
HANSE FORTUNE MS GmbH  
IFS ENDEPENDENT FEEDER SERVICE LTD.  
ILK INSAAT TAAH. SAN VE TİC. AS.  
İNCE DEN VE TİC. AS.  
INCETRANS DENİZ TASIMACILIGI LTD. STİ.  
KA DEN. NAK. VE TİC. LTD. STİ.  
KAIZEN DEN. DANİSMANLIK TİC. LTD. STİ.  
KALYONCU NAKLİYAT TİC. VE SAN. LTD. STİ.  
KENTON SHIPPING INC.  
KINAY DEN. A.Ş.  
KRISTIAN GERHARD JEBSEN SKIPSREDERI AS.  
LEMISSOLER SHIPMANAGEMENT LTD.  
LIMAR LİMAN VE GEMİ İSLETMELERİ A.Ş.  
LOMAR SHIPPING LTD.  
MAKTEK MAKİNA TEKNOLOJİ SAN. TİC. LTD. STİ.  
MARCA DENİZCİLİK ENERJİ SAN.TİC. LTD. STİ.  
MARINE SHEMIST SHIPPING LTD.  
MARTRANS SHIPPING AND TRADING CO. LTD.

MASTER MAKİNA VE DEN. SAN. TİC. LTD. STİ.  
MEDKON HAT İSLETMECİLİĞİ DEN. VE TİC. A.Ş.  
MSC SHIPMANAGEMENT LTD.  
MUSTAFA OKAN OGULLARI GEM. SAN. VE TİC. AS.  
NAKKAS DENİZCİLİK VE TİCARET LTD. STİ.  
NORDIC CYCLONE NAVIGATION LTD.  
OMSAN DENİZCİLİK A.Ş.  
PALMALİ SHIPPING S.À.  
QATAR SHIPPING COMPANY S.P.C.  
QUADRANT MARINE ENGINEERING FZE  
SAMFIRE OVERSEAS INC.  
SCOT FRANKURT S.À.  
SEA TANKERS 3 LTD.  
SEAMAR MANAGEMENT SA.  
SELAY ULUSLARARASI DENİZ TAS.  
SAN. LTD. STİ.  
SOUTHWAY SHIPPING LTD.  
STARBULK S.À.  
SUEZ VASILIS LTD.  
ŞENER PETROL DENİZCİLİK A.Ş.  
TECHMAR DENİZCİLİK AS.  
TEKNOMARİN TEKNİK HİZ. VE DENİZCİLİK SAN. A.Ş.  
THOMSEN+CO. GmbH GOVERNOR SERVICE  
TRANS KA TANKER İSLETMECİLİĞİ TİC. LTD. STİ.  
TUNA HOLDING INC.  
TURMAR SORVEY MUSAVIRLIK  
VE DENİZ TİC. A.Ş.  
UN RO-RO İSLETMELERİ A.Ş.  
UNIFIL-BNS NIRMUL  
UNITED MARINERS CORPORATION  
VOYAGER INTERNATIONAL TRADE  
WALLEM SHIP MANAGEMENT  
SINGAPORE PTE. LTD.  
WHISPER SHIPPING LTD.  
WHITE MILL MARINE LTD.  
WILBY MARITIME LTD.  
XEBC SHIPPING LTD.