

FROM TURKEY... ...TO NORWAY





FROM TURKEY... ...TO NORWAY







Shipbuilding in Turkey is a deep-rooted tradition dating back centuries ago. In 1390, the first shipyard was established in Gallipoli during Ottoman Empire period. Golden Horn Shipyard founded during the reign of Mehmet the Conqueror was one of the largest shipyards in the world during said period. With the Republic Period, the shipyard industry has even become more important. During the early period of Republic, shipyard industry was mainly based in Bosporus and Golden Horn, which then relocated to Tuzla town in 1969.

In Turkey, there is a total of 103 shipyards, consisting of 78 active and 25 under construction, which builds ships and yachts as well as provides overhaul and maintenance service for the benefit of private industry. In terms of regions, the number of shipyard zones are distributed across our country as 28 in Istanbul Tuzla Shipyards Zone, 26 in Yalova city, 9 in Zonguldak city, 5 in Kocaeli city/Bay, 2 in Çanakkale city, 1 in Kastamonu city, 3 in Trabzon and one in each of Adana, Sakarya and Hatay cities. In addition, there are many businesses with a coastal strip shorter than 50 meter, so-called Craft Manufacturers, providing shipbuilding and overhaul and repair services in various cities notably of Tuzla Shipyards Zone.

Turkish shipyards build ships and tonnages in many types and kinds. The main types of ships include chemical tankers, fishing boat, container vessel, bulk carrier, yacht, mega yacht, tug boat, sailboat, general cargo ship, petrol tanker, fast response boat, Ice Class passenger ships for arctic cruise, coast guard boats, military ships, speed boat, multi-purpose tanker, dry cargo vessel, cement vessel and barge. In Turkish shipyards, ships are built to the international standards and under the supervision of recognized audit organizations.

Turkey's fast growing shipbuilding industry has been becoming a significant center of gravity for special-purpose tailor-made ship segment. The leading shipyards of Turkey has made significant progress with respect to the quality of shipbuilding and significant investments have currently been in place in order to increase capacity of the facilities. Furthermore, some of the large shipyards has initiated the process for enlarging their facilities to accommodate building ships up to 45,000 DWT. Turkish shipbuilding industry is also one of the world-leading countries in the building of mega yacht (a yacht with a length longer than 25m). In addition to the chemical tanker, mega yacht and sailboat orders, industry receives many orders for building petrol tankers, ferry boat, fishing boats and tug boats. Turkey has demonstrated a steady development in building of Super yacht (24m and above) and achieved third place in the world in terms of number and length of Super Yacht delivered as per 2010 data.

Among the top countries which Turkish shipyards make delivery of new ships include Northern European Countries, mainly, Norway. In the recent years, almost half of the export of Turkey in the industry are delivered to Northern European Countries, and industrial collaboration between Turkey and Norway has been solidifying every each year. In the last 5 years, Turkey enjoys the position of being the top country from which Norway imports fishing boat.

This almanac in your hand provides examples of the ships which have been built by Turkish shipyards for Norway and marine equipment which has been exported in the recent period. As Board of Directors of Turkish Ship Yacht and Marine Services Exporters' Association, we wish that deep-rooted collaboration between two countries will grow up whilst carrying it forward each passing year.

CEM SEVEN
Chairman
Turkish Ship Yacht and Marine
Services Exporters' Association





OCEANIC

NB 1063

TECHNICAL SPECIFICATIONS

Ship Name: Oceanic

Type : IMR and SUBSEA CONSTRUCTION VESSEL

Owner : Volstad Shipping

Nationality : Norway
Designer : Skipsteknisk
Classification : DNV GL
Deadweight : ABT 7,500 t.
Length Overall : 128.50 m.
Breadth : 25.00 m.
Depth : 10.80 m.
Speed : 16.50 knot

LOCAL SUPPLIERS

Power Cables : NEXANS Türkiye Endüstri ve Ticaret Ünika Üniversal Kablo

Unika Universal Kablo Üntel Kabloları Sanayi

Electrical boards: Elkon Elektrik

Starter Boards: Mariner Gemi Ekipmanları

Side Door

HUFTARØY

NB 1080

TECHNICAL SPECIFICATIONS

Ship Name: Huftarøy

Type : Hybrid powered, LNG and battery double

ended car and passenger ferry

Owner : Torghatten Nord

Nationality: Norway

Designer : Multi Maritime AS

Classification : DNV GL
Deadweight : ABT 1,100 t.
Length Overall : 134.00 m.
Breadth : 21.00 m.
Depth : 7.15 m.
Speed : 17.50 knot

LOCAL SUPPLIERS

Power Cables: Ünika Üniversal Kablo

Üntel Kabloları Sanayi

Electrical boards: Elkon Elektrik

Starter Boards





BASTØ VI

NB 46

TECHNICAL SPECIFICATIONS

Ship Name : Bastø VI

Type : Passenger Vessel
Owner : Bastø Fosen AS

Nationality : Norway

Designer : Multi Maritime AS

Classification : DNV GL
Deadweight : 1,780 t.
Length Overall : 142.90 m.
Breadth : 20.70 m.
Depth : 7.15 m.

Speed : 13.5 knots – max speed 18+ knots

LOCAL SUPPLIERS

Electrical System : Betemar Mühendislik

Power Cables : Üntel
Steel Rope : Has Çelik
Anchor&Chain : Yapaş
Air Vent Heads : Rotmak
Bilge & Tank Alarms : Kayse
Ball & Globe & Check Valves : Valftek

LIBAS

NB 64

TECHNICAL SPECIFICATIONS

Ship Name: Libas

Type : Purse Seiner Trawler
Owner : Liafjord AS

Nationality : Norway

Designer : Salt Ship Design

Classification : DNV GL
Deadweight : 3,800 t.
Length Overall : 86.50 m.
Breadth : 18.80 m.
Depth : 9.30 m.
Speed : 16.5 knots

LOCAL SUPPLIERS

Rudder& IIB Crane : Mariner Electrical System : Elkon **Power and Data Cables** : Türk Prysmian : Üretim Park **Telescopic Provision Crane** Panels & Wet Units & Internal Doors : Mercan Panel Anchor&Chain : Yapaş Steel Rope : Has Celik Windows and Side Scuttles : ide Marine **Stern Tube Boss** : Gürdesan **Bilge and Tank Alarms** : Ayvaz PE Pipes : Firat Plastik Air Vent Heads : Rotmak Bilge Ejectors : Sov Teknik Stainless Steel Equipment for Galley : Ünoks

: Akın Metal

Laundry, Workshops, Workbenches





GASØ VIKING

NB 23

TECHNICAL SPECIFICATIONS

Ship Name : Gasø Viking

Type : 3000 CBM Live Fish Carrier

: Froy Rederi Owner : Norway Nationality

: Møre Maritime AS Designer Classification : Det Norske Veritas

Deadweight

: -**Length Overall**: 78.00 m. Breadth : 16.00 m. Depth : 6.77 m. Speed : 14 knots

LOCAL SUPPLIERS

Electrical Subcontractor: Betemar Engineering Panel, doors, wet units : Mercan Panel

BASTO IV - BASTO V

NB 28 - NB 29

TECHNICAL SPECIFICATIONS

: BASTØ IV - BASTØ V Ship Name

: 200 PCU Car & Passenger Ferry Type

: Bastø Fosen Owner Nationality : Norway

: Multi Maritime Designer Classification : Det Norske Veritas

Deadweight

Length Overall: 142.90 m. Breadth : 20.70 m. Depth : 7.15 m. Speed : 13.5 knots

LOCAL SUPPLIERS

Electrical Subcontractor: Betemar Engineering Panel, doors, wet units : Mercan Panel





DINA POLARIS

NB 75 **TECHNICAL SPECIFICATIONS**

Ship Name: Dina Polaris

Type : Muti Purpose Platform Supply Vessel
Owner : Myklebusthaug Offshore As

Nationality : Norway
Designer : Rolls Royce
Classification : DNV GL
Deadweight : 6,053 t.
Length Overall : 98.9 m.
Breadth : 21.00 m.
Depth : 8,6 m.
Speed : 15 knots

LOCAL SUPPLIERS

Workshop Equipments

Galley and Messroom Equipments

Workbench&Locker

Anchor&Chain

Bulb Profiles : Özkan Demir Çelik : Kalender Makine Hydrophore Steel Doors- Hatches : Doğan Makine Distribution Switchboards, Consoles : Can Makine **Furniture** : Çita İç Mimarlık **Mooring Equipments** : Gürdesan Makine Louvers, Dampers and Hydraulic Gates : Makro Marine Cables : Unika **Ejectors** : Armak Denizcilik Insulation Materials : Efes Yalıtım - İzocam Cargo Hydraulic Hatch : Smak Makine Aluminium Ladder : Yalın Tasarım

: Kürsan Makine

: Yapaş Zincir

: Ünoks

: Metin Akın Metal

M/V INTER CALEDONIA

NB 44 **TECHNICAL SPECIFICATIONS**

Ship Name : M/V Inter Caledonia
Type : Live Fish Carrier
Owner : Intership As
Nationality : Norway

Nationality : Norway
Designer : Skipsteknisk As

Classification : DNV GL
Deadweight : 3,036 t.
Length Overall : 69.8 m.
Breadth : 17.00 m.
Depth : 7.00 m.
Speed : 11 knots

LOCAL SUPPLIERS

Bulb Profiles

Hydrophore: Kalender MakineSteel Doors- Hatches: Doğan MakineDistribution Switchboards, Consoles: Can MakineFurniture: Çita İç Mimarlık

: Özkan Demir Celik

: Armak Denizcilik

Mooring Equipments : Gürdesan Makine
Louvers, Dampers and Hydraulic Gates : Makro Marine
Cables : Unika

Cables Ejectors

Insulation Materials: Efes Yalıtım - İzocamCargo Hydraulic Hatch: Smak MakineAluminium Ladder: Yalın TasarımWorkshop Equipments: Kürsan Makine

Workbench&Locker : Metin Akın Metal
Anchor&Chain : Yapaş Zincir
Galley and Messroom Equipments : Ünoks





LOSNA

NB 117 TECHNICAL SPECIFICATIONS

Ship Name: Losna

Type : 60 Pcu & 199 Pax Double Ended Ferry

Owner : Fjord1
Nationality : Norway

Designer: Multi Maritime As

 $\textbf{Classification} \qquad \textbf{:} \ \mathsf{DNV} \ \mathsf{GL}$

Deadweight : Aapprox 400 t.

Length Overall : 74.00 m.

Breadth : 14.20 m.

Depth : 5.55 m.

Speed : 14 knots

LOCAL SUPPLIERS

Bulb Profiles : Özkan Demir Çelik Steel Doors- Hatches : Ortak Machine Distribution Switchboards: Betemar

Consoles

: DG Mobilya Furniture Windows and Portholes : Alüminyum İş : Üntel Kablo Cables **Bilge Sensors** : Ayvaz : Arı Makine Cargo Hydraulic Hatch **Aluminium Ladder** : Norse Group **Workshop Equipments** : Akın Metal Workbench&Locker : Akın Metal Anchor&Chain : Evren Zincir

HASVIK

NB 113

TECHNICAL SPECIFICATIONS

Ship Name: Hasvik

Type : Double Ended Ferry

Owner : Boreal
Nationality : Norway

Designer : Multi Maritime

Classification : DNV GL
Deadweight : 165 t.
Length Overall : 62.60 m.
Breadth : 13.20 m.
Depth : 5.55 m.
Speed : 14 knot

LOCAL SUPPLIERS

Bulb Profiles : Özkan Demir Çelik

LNG TANK : Artış

Aluminum Inner Doors : Norse Group Windows and Portholes : idemarine





M/V RONJA ISLANDER

NB 72

TECHNICAL SPECIFICATIONS

Ship Name : M/V Ronja Islander
Type : Live Fish Carrier
Owner : Aas Mek Verksted AS

Nationality : Norway

Designer : Aas Mek. Verksted AS

Classification : N/A
Deadweight : 2,350 t.
Length Overall : 69.86 m.
Breadth : 12.00 m.
Depth : 5.90 m.
Speed : N/A

NB74

TECHNICAL SPECIFICATIONS

Type : Live Fish Carrier
Owner : Aas Mek Verksted AS

Nationality: Norway

Designer: Aas Mek. Verksted AS

Classification : N/A
Deadweight : 3,000 t.
Length Overall : 69.96 m.
Breadth : 17.80 m.
Depth : 5.90 m.
Speed : N/A





ENGEY RE-91

CS 48

TECHNICAL SPECIFICATIONS

Ship Name : Engey RE-91
Type : Fresh Fish Trawler

Owner : HB Grandi
Nationality : Norway
Designer : Nautic

Classification: BV I_Hull_Mach Fishing Vessel Unrestricted Navigation_Aut - UMS, ICE Class 1D

 Deadweight
 : 1,827.40 t.

 Length Overall
 : 54.75 m.

 Breadth
 : 13.50 m.

 Depth
 : 5.40 m.

 Speed
 : 13.5 knots

VIKINGUR AK 100

CS 47

TECHNICAL SPECIFICATIONS

Ship Name: Vikingur AK 100

Type : Purse Seine Trawler- Fishing Vessel

Owner : HB Grandi
Nationality : Norway
Designer : Sawicon AS

Classification : +BV1 Fishing Vessel / Unrestricted Navigation / AUT-UMS

Deadweight : 2,950 t.
Length Overall : 80.30 m.
Breadth : 17.00 m.
Depth : 9.60 m.
Speed : 15.2 knots





FLOBJØRN

NB 54 Technical specifications

Ship Name : Flobjørn

Type : Fishing Vessel

Owner : Utvik Senior AS

Nationality : Norway

Designer : NSK Ship Design

Designer : NSK Ship II
Classification : NMA
Deadweight : N/A
Length Overall : 19.95 m.
Breadth : 8.00 m.

Depth Speed : 5.60 m. : 10 knots

LOCAL SUPPLIERS

Internal Doors

Steel Outfittings

Windows

Gangway

Steel Plates : Herçelik : Herçelik **Aluminium Steel Plates Bulb Flat Steel** : Herçelik Paint : Jotun Anodes : Altın Çıpa **Rudder Effect** : Gürdesan Steering Gear : Data Hidrolik CCTV&ITV : Mor Endüstri **Anchor & Chains** : Evren Zincir **Fixed Mooring Equipment**: Aycan Lifting Gear + Roller : Asteknik Insulation For Panels, : Ensar Bulkheads, Doors, **Side Scuttles**

: Ensar

: Aycan

: Ide Marine

: Gürdesan

Furniture Raw Materials : Ekşioğlu :YSG Galley + Freezing Equipment +Laundry Ventillation Ducts : Isı Market **And Fans And Dampers** Fresh Water/Drinking : Truetech Water System/ Hot Water System Diesel Gensets : Margen : Local Remote Sounding System : Ayvaz **Electrical System** : PIOK Hydrualic Pipes And : Local Fittings Cables : Üntel

Heat Insulation Materials: Efes Yalıtım

: Berke

: NC Marine

Furniture

Silencer

VIKANØY

NB 63

TECHNICAL SPECIFICATIONS

Ship Name : VIKANØY
Type : Fishing Vessel
Owner : Bø Havfiske
Nationality : Norway
Designer : NSK Ship Design

Classification : NMA
Deadweight :-

Length Overall : 44.20 m.
Breadth : 11.50 m.
Depth : 7.30 m.
Speed : 13 knots





GSP PRINCE

NB 20

TECHNICAL SPECIFICATIONS

Ship Name : GSP Prince

Type : ROV Survey and Offshore Support Vessel

Owner : Volstad Shipping AS
Nationality : Norway

Designer : Skipsteknisk AS

Classification : DNV GL

Deadweight :- 4,200 t.
Length Overall : 85.00 m.
Breadth : 18.00 m.
Depth : 9.10 m.
Speed : 16 knots

ACERGY MERLIN

NB 17

TECHNICAL SPECIFICATIONS

Ship Name : Acergy Merlin

Type : ROV Survey and Offshore Support Vessel

Owner : Baatbygg AS
Nationality : Norway

Designer: Skipsteknisk AS

Classification : DNV GL
Deadweight : ~ 4,200 t.
Length Overall : 85.00 m.
Breadth : 18.00 m.
Depth : 9.10 m.
Speed : 16 knots





BJORDAL

NB 06 **TECHNICAL SPECIFICATIONS**

Ship Name : Bjordal

: Catamaran Fish Farm Service Vessel Type

Owner : Osland Havbruk

Nationality : Norway

Designer : Norse Design

Classification : Nordic Boat Standard

Deadweight

: N/A

Length Overall: 14.95 m. : 10.50 m. Breadth

Depth : 3.70 m.

Speed : 10 knots

LOCAL SUPPLIERS

Steering Gear : Data Hidrolik Towing Equipment & Hyd System : Data Hidrolik Windows : İdemarine **Window Wipers** : Zetmarine Sun Screen : Zetmarine **Pilot Chair** : Zetmarine Electrical Systems & Workmanship: Hilal Gemi **Furnitures** : Atılım Mobilya Panel & Internal Doors : Mercan Panel : Soyvalve Valves

HJELLSTAD

NB 09

TECHNICAL SPECIFICATIONS

Ship Name : Hjellstad

Type : Double Ended Aluminum Ferry Hull

: Norled Owner Nationality : Norway

Designer :LMG Classification : DNV GL

Deadweight : N/A

Length Overall

: 43.40 m.

Breadth : 11.50 m.

Depth : 4.30 m.

Speed :TBT





BORGØY

H15 **TECHNICAL SPECIFICATIONS**

Ship Name : Borgøy

: ASD LNG Powered Tug Type Owner : Buksér og Berging

Nationality : Norway

: Marin Design AS Designer

Classification : DNV-GL **Length Overall**: 35.00 m. Breadth : 15.40 m. : 7.50 m. Depth

Speed : 14 knots ahead

LOCAL SUPPLIERS

Solas Crane : Gürdesan Makine Solas Crane : Doğan Denizcilik Electrical Systems & Workmanship : ELKON Elektrik Cables : Üntel Kabloları

Furnitures : Çita Marin Mobilya & Mimarlık

Panel & Internal Doors : Ensar Gemi Valves : VALFTEK A.Ş.

LOMAX

H04

TECHNICAL SPECIFICATIONS

Ship Name : LOMAX

: ASD Ship Assist Tug Type : Østensjø Rederi Owner

Nationality : Norway

Designer : Robert Allan Ltd.

Classification : ABS **Length Overall** : 28.20 m. Breadth : 12.60 m. : 5.30 m. Depth

Speed : 13 knots ahead

LOCAL SUPPLIERS

: Hüsna Yapı ve Gemi Malzemeleri Windows

Hatches & Ladders : Teknomar Gemicilik Electrical Systems & Workmanship: ELKON Elektrik : Üntel Kabloları Cables

Furnitures : Elit Mobilya : Ensar Gemi Panel & Internal Doors Valves : VALFTEK





FMV44 - HOVDAGUT

NB 205 **Technical specifications**

: Fmv44 - Hovdagut : Live Fısh Carrier Ship Name Type

: Fitjar Mekaniske Verksted As Owner

Nationality : Norway : Norway Flag

Designer : Heimli Ship Design

Classification : DNV GL

Deadweight Length Overall: 84.00 m. Breadth : 18.00 m. : 8.5 m. Depth Speed



LOCAL SUPPLIERS

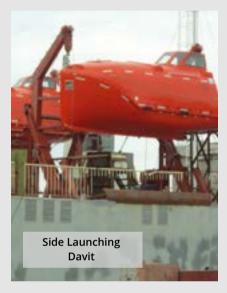
GÜRDESAN



www.gurdesan.com.tr

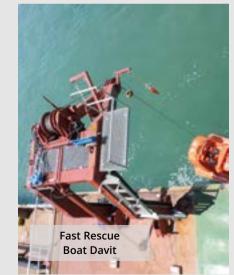






















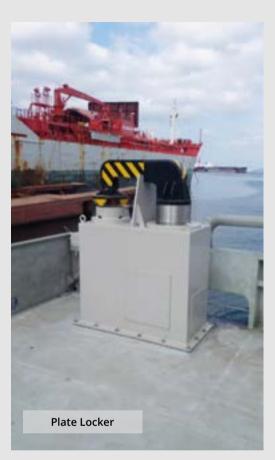
DATA HIDROLİK















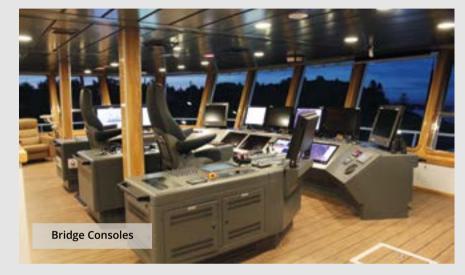




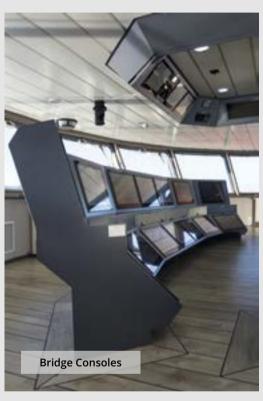
ELKON

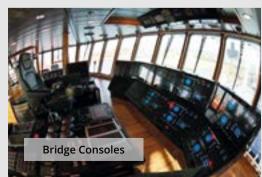


www.elkon-tr.com















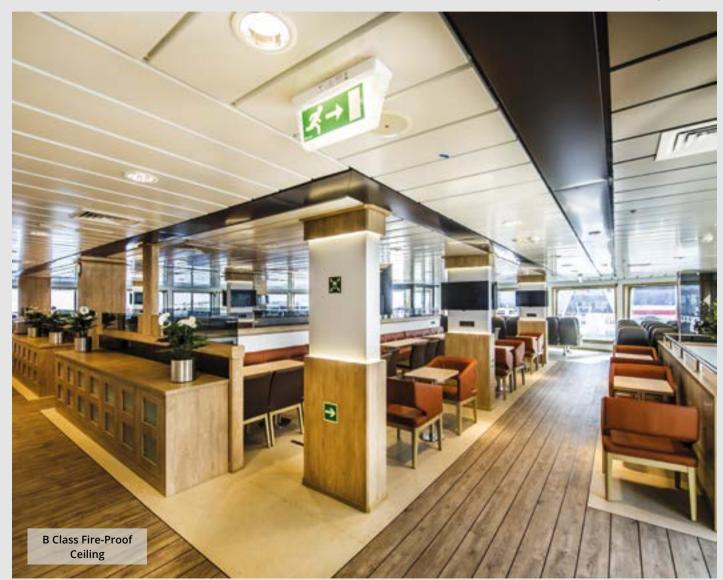




MERCAN PANEL

















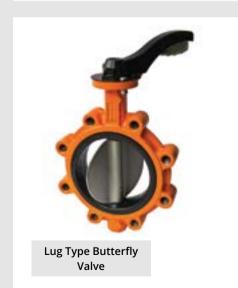
SOYVALVE

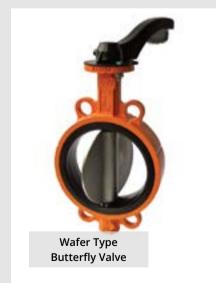




















Pipe Coupling





Ejector



Quick Closing Valve



ÇİTA MARİNE



www.ci-ta.com

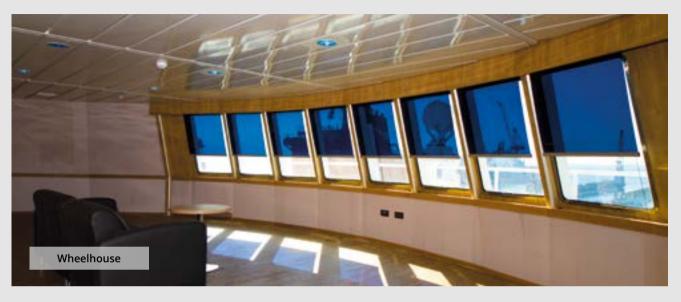
















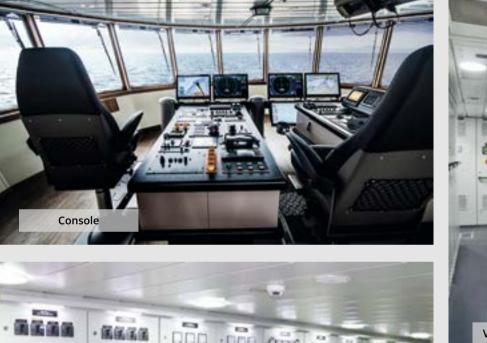


CAN MAKİNA ELEKTRİK



www.canelektrik.com





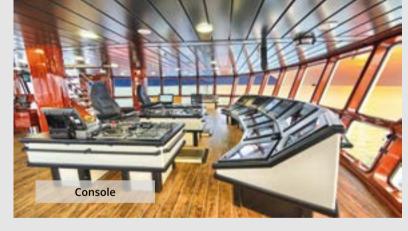












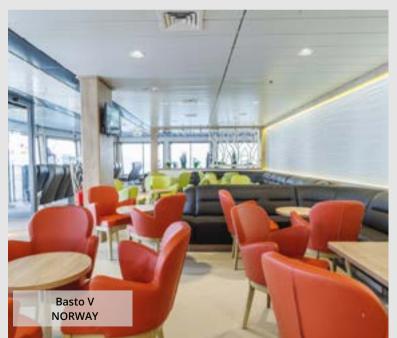


ACCOMAR



www.accomar.net















YAPAŞ CHAIN AND FORGING



www.yapaszincir.com.tr





www.zetmarine.com



HHP YP 14 Anchor



Bermuda Anchor



YP-Power Anchor



Stockless Anchor Hall





Stockless Anchor Spek



Kenter Shackle



Anchor Shackle



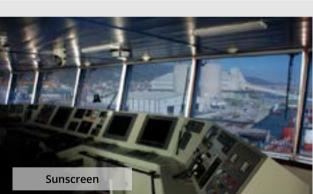
Swivel Forerunner



Swivel



Swivel Shackle









UNOKS



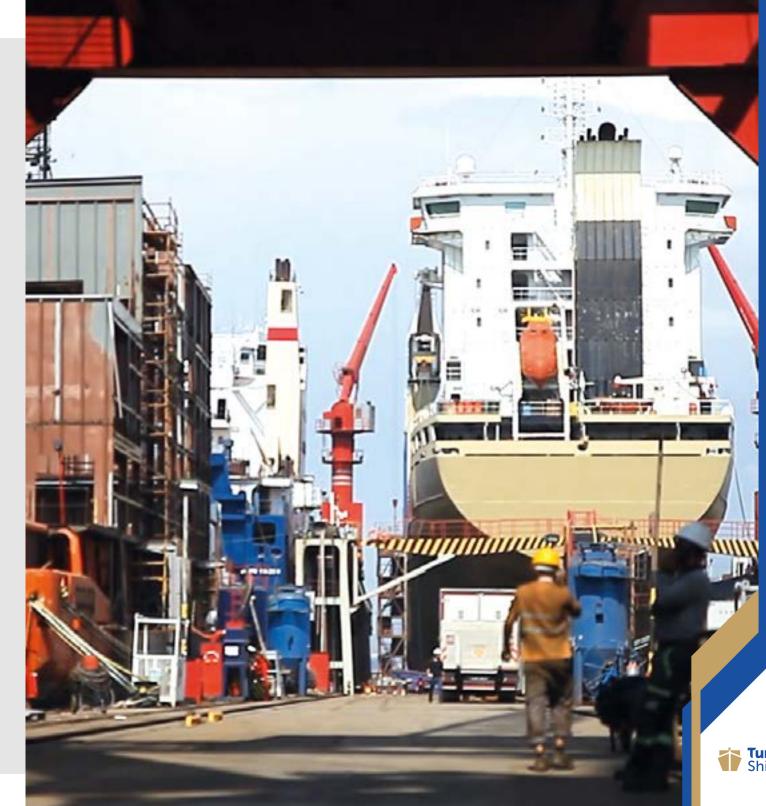
Galley

www.unoks.com











VALVETEK



www.valftekmakina.com











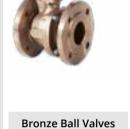
Check Valves

Safety Valves



Ball Valves









Globe Valves

High Performance Butterfly Valves

Butterfly Valves

Gate Valves





Pressure Reducing

Valves



Pressure Relief Valves







www.prysmiangroup.com.tr







ENSAR



www.ensargemi.com













MARINER



www.marinership.com











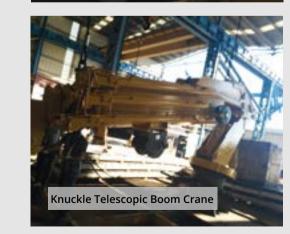


ÜRETİMPARK



www.uretimpark.com





















Cobancesme Mevkii, Sanayi Caddesi Dis Ticaret Kompleksi, C Blok Yenibosna / ISTANBUL - TURKEY 34197

> P: +90 212 454 05 00 F: +90 212 454 05 01 / +90 212 454 05 02

