

QUALITY **FIRST**



→" ASD 3070E " TERMINAL - ESCORT - TOWAGE - FIRE FIGHTING TUG

- BUILDER
- BASIC DUTY CLASSIFICATION
- SAFETY REGULATIONS
- DESIGNER
- L.O.A.- Beam Depth MAX .DRAUGHT SPEED
- **FUEL FRESH WATER**
- BALLAST WATER
- TOTAL INSTALLED POWER
- BOLLARD PULL
- MAIN ENGINES
 GENERATOR SET
 COOLING SYSTEM
- PROPULSION
- RUDDERS
- STEERING FIRE PUMP
- MONITORS
- FOAM CAPACITY
- TOWING EQUIPMENT
- DECK CRANE
 RESCUE BOAT DAVID
 COMPLEMENT
- OTHER EQUIPMENT

NAUTICAL AND COMMUNICATION EQUIPMENT

Uzmar Shipbuilding Industry and Trade Inc., İstanbul, Turkey Terminal,Ship Assist, Coastal Towage, Escort, Fire Fighting 1, Fresh Water Supply Bureau Veritas 1 + Hull +Mach, Escort Tug, AUT - UMS, Fire - Fighting 1, Unrestricted Bureau Veritas 1 + Hull +Mach, Escort Tug, AUT - O Service, Area A2 SOLAS 1974, MARPOL 1973 / 1978, Load Line 1966 Robert Allan Ltd., Vancouver , Canada 30.25 - 11.75 meters 5.8 meters - 13 knots 173.000 - 109.000 liters 49.000 liters 2 x 2.000 bkW 70 m tonnes Caterpillar 3516B HD DITA C Rating 2000bkW @ 1600rpm 2 x Cummins 6BT 5.9 DM Stamford Alternator 81 ekW each @ 1500 rpm 400V, 50 Hz, 3 F 2 x Rolls Royce US 255CP or Schottel SRP 1515 CP, with 2,6 meters diameter rudder propellers 2 x 360 degrees steerable rudder propellers 2 x full follow-up combi lever, one for each drive 2 x main engine driven double suction, split case, centrifugal pumps. 1 x 1200 m3 /h, 1 x 1500 m3/h Fire Fighting 1, water curtain 2 x SKUM each 1200 m3 /h electrical remote control monitor for water / foam 16.000 liters 1 x escort rated double drum render / recovery hawser winch, 335 tonnes brake at 1st layer, 70 tonnes rendering at 20 meters /min on 1st layer, 5 tonnes recovering at 100 meters /min on 4th layer, 30 - 100 % adjustable rendering forces, capacity for 130 meter 96 mm line 1 x split drum aft towing winch, 175 tonnes brake, 30 tonnes line pull at 10 r /min, capacity for 1 x 700 meters and 1 x 350 meters 52 mm wire, all make Rolls Royce 1 x 70 tonnes SWL towing Hook, make Mampaey, Holland. 1 x Data Hydraulic Towing pin Telescobic Foldable type, 2 tonnes @ 9,6 meters, Palfinger, Austuria 1 x SOLAS Approved, Ned Deck Marine, Holland 10 crew fully air conditioned 2 x compressed air system, Atlas Copco, 1 x biological sewage treatment system for 10 person, DVZ, Germany, W section, D type and cyclindirical fenders, Lion rubber, Lightin fixtures, Aqua Signal, Germany Navigational area A2 16.000 liters

"Hand made in Turkey

10



KO-

1

TUG AND WORK BOAT BUILDERS

"QUALITY FIRST"



UZMAR SHIPBUILDING INDUSTRY AND TRADE INC.

Shipyard KOSBAS, Kocaeli Serbest Bölgesi, Yeniköy 41275, İzmit - Kocaeli, Türkiye +90 [262] 341 45 12 [Technical]

Branch Office

Rauf Orbay Cad. Baran İş Merkezi No: 31 / 2 Tuzla, İstanbul, Türkiye



QUALITY FIRST"



LINE HANDLING / HARBOUR SUPPORT VESSEL

→"NEW DOLPHIN"

- BUILDER PLACE DATE BUILT BASIC DUTY
- CLASSIFICATION
- DESIGNER
- · L.O.A.- Beam Depth

- GT NRT DRAFT SPEED FUEL FRESH WATER TOTAL BHP
- **BOLLARD PULL**
- MAIN ENGINES
 COOLING SYSTEM
 PROPULSION

- RUDDERS STEERING
- FIRE PUMP TOWING EQUIPMENT
- COMPLEMENT
- NAUTICAL AND COMMUNICATION EQUIPMENT

OTHER EQUIPMENT

Uzmar Shipbuilding Industry and Trade Inc. Istanbul - Turkey Istanbul, Turkey - March 2007 Service - Line Handling - Harbour Support RINA Motorship C + Hull • Mach Special Service-Mooring Boat Uzmar Shipbuilding Industry and Trade Inc. 12,50 – 4, 40 – 1,90 meters 30,36 – 17,05 2,0 meters extreme – 11.0 knots 4. 200 liters – 300 liters 720 BHP 11.0 tons 2 x IVECO Aifo 8210 SRM 36.12 - Rated power 530 kW at 1800 rpm Each engine is cooled by sea water running through tube type heat exchanger 2 x skewed Kaplan type fixed pitch propellers 1080 mm dia. in fixed 19A thrust augmenting nozzles 2 x blade type, twin rudder arrangement behind each nozzle Steering cylinders driven by hydraulic pump through the PTO on main engine 2 x Bilge & Fire Pumps make Gianneschi, Italy 1 x Mampaey towing hook SWL 15 tons; electric driven windlass make Data 1 ton pull Crew 3 persons – Passenger 5 persons

2 x VHF 25W with external deck speaker, RT-5022 and RT-2048 make SAILOR ; 1 x Raymarine C120 Multi function navigation display in combination with Chartplotter, Fish Finder, Radar, GPS functions; 1 x Navtex make ICS; 1 x EPIRB make Sailor ; 1 x SART II make Sailor

Key type and hollow D type fenders; 1 x 240 Watt remote controlled halogen searchlight

"Hand made in Turkey"

TIM



"QUALITY FIRST"



UZMAR SHIPBUILDING INDUSTRY AND TRADE INC.

Shipyard KOSBAS, aeli Serbest Bölgesi, Koraeli, Türkiye (5. +90 (262) 341 45 12 (Technic

Branch Office Rauf Orbay Cad. Baran İş Merkezi

0

0 1

Web: www.uzmar.com

E-Mail: izmir@uzmar.com



QUALITY FIRST"



→"BIG DOLPHIN" **TS 1506 TWIN SCREW TUG / HARBOUR SUPPORT VESSEL**

BUILDER

- BASIC DUTY
- CLASSIFICATION DESIGNER
- L.O.A.- Beam Depth

- MAX .DRAUGHT SPEED
 FUEL FRESH WATER
 BALLAST WATER
 TOTAL INSTALLED POWER
- **BOLLARD PULL**
- MAIN ENGINES
- . GENERATOR SET COOLING SYSTEM
- PROPULSION
- RUDDERS
- STEERING
 FIRE PUMP
- MONITORS
- FOAM CAPACITY TOWING EQUIPMENT
- DECK CRANE
- COMPLEMENT
- NAUTICAL AND COMMUNICATION EQUIPMENT
- OTHER EQUIPMENT

Uzmar Shipbuilding Industry and Trade Inc. Istanbul, Turkey Ship Assist, General Harbour Towage, Barge Pushing, Buoy maintenance RINA C + HULL + MACH , TUG, COASTAL SERVICE Uzmar Shipbuilding Industry and Trade Inc. Istanbul, Turkey 14,80 - 5,80 - 2,30 meters Under 100 GRT 1,85 meters -14 m3 - 3 m3 1.500 BHP 11 knots

20.0 tons ahead 14.0 tons astern 2 x Volvo Penta D16 MH Rated Power each 551 kW at 1900 rpm / Twin Disc MG 5170 DC 1 x 12 kVA, 1 x 3 kVA make Fisher Panda

- Each engine is cooled by sea water running through tube type heat exchanger 2 x Skewed Kaplan type fixed pitch propellers in steerable 19A thrust augmenting nozzli
- 2 x Skewed Rapian type fixed pitch properties a system 2 x Steerable kort nozzles 2 x independent steering gears, full- follow up system 1 x 300 m3/h, by main engine front end pto with manual actuated clutch 1 x Skum 300 m3/h, remote controlled

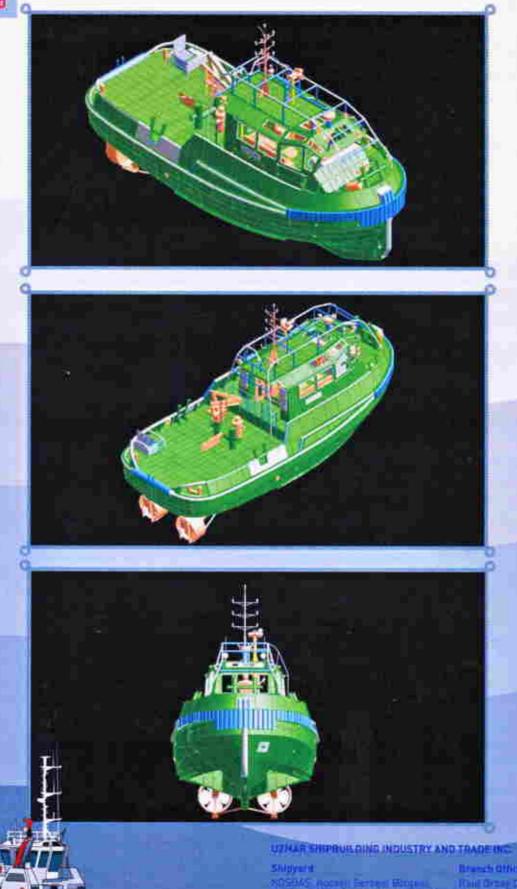
- 1 x Single drum aft towing winch, 120m x 24 mm dia. steel towing wire 1 x Mampaey disc type towing hook SWL 25 tons NOREQ / AK7 E2, 1,3 tons at 4 meters, max. outreach 7,5 meters

Crew 2, passenger 5, fully air conditioned accomodation for 2 crew 2 x VHF 25W with external deck speaker, RT 2048 make SAILOR; 1 x Raymarine C120 multifunction navigation display in combination with Chartplotter, Fish Finder, Radar, GPS functions. 1 x Navtex make ICS, 1 x EPIRB make Sailor, 1 x SART II make Sailor Key type and Hollow D type fenders, 3 x 250W halogen Searchlight make Norselight, Fire Detection and Alarm system, Magnetic Compass, sea water cooled air conditioning 1 x 100 kg anchor and 100 m 12,5 mm U2 chain





"QUALITY FIRST"



Rind Dears Cast, Denaid Is Murketh 103 of 72 Visite Market - Australia for a still Step Provide the Solar System





→ M/Tug ALSANCAK (2-4-6-8)

TS 22-45 45 tons bp Terminal / Ship Assist / Coastal Towage / Fire Fighting ½ Tug

BUILDER BASIC DUTY CLASSIFICATION DESIGNER L.O.ABeam DRAFT - SPEED FUEL - FRESH WATER TOTAL BHP BOLLARD PULL MAIN ENGINES GENERATOR SET COOLING SYSTEM PROPULSION RUDDERS STEERING FIRE PUMP MONITORS FOAM TOWING EQUIPMENT COMPLEMENT	 Uzmar Shiphulding Industry and Trade Inc. Istanbul - Turkey, 2005 Ship Assist Coastal Towage Fire Fighting % Tug Bureau Veritas, 1 + Hull + Machinery + Tug+ Unrestricted Navigation + GMDSS A2 Robert Atlan Ltd., Vancouver Canada 22:50 - 8:20 meters 4:10 m - 12:5 knots 50:000 liters - 14:000 liters 2840 BHP 45 metric tons 2 x Caterpillar 3512B DITA B-Rating Rated power 1051 kW @ 1,600 rpm 2 x Cummins ABT 3:9 DM Stamford Alternator 4:1 kW each 380 V 50 Hz Closed circuit keel cooling channels 2 x LIPS Kaplan type Fixed Pitch props in LIPS HR High Performance nozzles Tripte Shutter Hi-Lift Ruddars behind each nozzle 2x Independent jog lever full follow up control 1200 m3 main fire pump driven by dedicated diesel engine 2 x SKUM each 600 m3 electrical remote control monitor for water/foam 4,000 liters 1 x Bow Hawser winch 75 tons brake 5 tons pull 1 x Aft Towing winch 400 m x 34 mm steet line, make Kraaijeveld, Holland 1 x Mampaey Towing Hook - 1 x Data Hydrautic Towing Pins 8 crew full airconditioned
NAUTICAL AND COMMUNICATION	International voyages A2.1 x Radar, 1 x Auto Pilot, 1 x Chart Plotter, 1 x GPS, 1 x Echo Sounder, 1 x Magnetic Compass, 2 x DSC VHF, 1 x SART, 1 x EPIRB, 1 x Navtex, 2 x Portable GMDSS VHF, make RayMarine, SAILDR, Cassens & Plath



"QUALITY FIRST"



UZHAR SHIPBUILDING INDUSTRY AND TRADE INC.

Shipyard

Branch Office

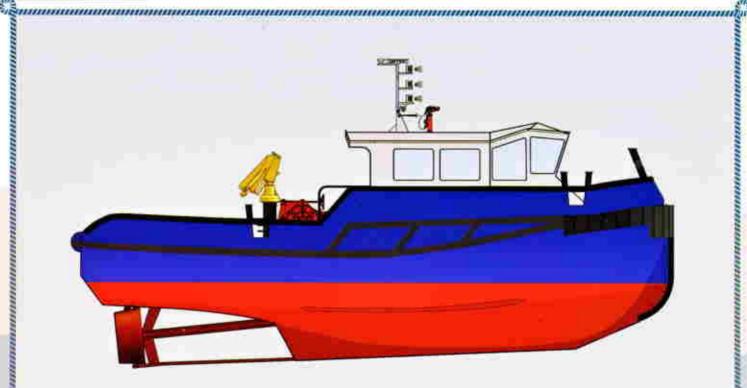
- Third Printer Web: www.uzmar.com

110

E-Mail: izmir@uzmar.com







→"BIG DOLPHIN" TS 1506 TWIN SCREW TUG / HARBOUR SUPPORT VESSEL

- BUILDER
 BASIC DUTY
 CLASSIFICATION Uzmar Shipbuilding Industry and Trade Inc. Istanbul, Turkey Ship Assist, General Harbour Towage, Barge Pushing, Buoy maintenance RINA C + HULL + MACH , TUG, COASTAL SERVICE Uzmar Shipbuilding Industry and Trade Inc. Istanbul, Turkey 14.80 - 5,80 - 2,30 meters Under 100 GRT DESIGNER DESIGNER L.O.A. - Beam - Depth MAX. DRAUGHT - SPEED FUEL - FRESH WATER BALLAST WATER TOTAL INSTALLED POWER BOLLARD PULL 1,85 meters -14 m3 - 3 m3 1,500 BMP - 11 knots 1.50b BHP 20.0 tons ahead 14.0 tons astern 2 x Voivo Penta DTe MH Rated Power each 551 kW at 1900 cpm / Twin Disc. MG 5170 D0 1 x 12 kVA, 1 x 3 kVA make Fisher Panda Each engine is cooled by sea water running through tube type heat exchanger 2 x Skewed Kaplan type fixed pitch propellers in steerable 19A thrust augmenting nozzl MAIN ENGINES **GENERATOR SET** COOLING SYSTEM PROPULSION RUDDERS STEERING FIRE PUMP 2 x Steerable kort nozzles x independent steering gears, full- follow up system x 300 m3/h, by main engine front end pto with manual actuated clutch x Skum 300 m3/h, remote controlled MONITORS FOAM CAPACITY
 TOWING EQUIPMENT 1 m3 1 x Single drum alt towing winch, 120m x 24 mm dia, steel towing wine 1 x Mampaoy disc type towing hook SWL 25 tons NOREO / AK7 E2, 1,3 tons at 4 meters, max, sufreach 7,5 meters DECK CRANE Crew 2, passenger 5, fully air conditioned accomposition for 2 crew 2 x VHF 25W with external deck speaker, RT 2048 make SALLOR; 1 x Raymorine C120 multifunction navigation display in combination with Chartplatter, Fish Finder, Redar, GPS functions. 1 x Navtex make ICS, 1 x EPIRB make Saltor, 1 x SART II make Saltor Key type and Hollow D type fenders, 3 x 250W halogen Searchlight make Norselight. Fire Detection and Alarm system, Magnetic Compass, sea water cooled air conditioning 1 x 100 kg anchor and 100 m 12,5 mm U2 chain + COMPLEMENT NAUTICAL AND COMMUNICATION EQUIPMENT OTHER EQUIPMENT



"QUALITY FIRST"



→M/Tug SMIT PORT SAID - SMIT PORT DAMIETTA

ASD 30-60 60 tons bp TERMINAL / SHIP ASSIST / COASTAL TOWAGE / FIRE FIGHTING 1 / OIL RECOVERY TUG

. BUILDER · BASIC DUTY CLASSIFICATION SAFETY REGULATIONS DESIGNER · L.O.A.-Beam DRAFT – SPEED FUEL – FRESH WATER RECOVERED OIL TOTAL BHP . BOLLARD PULL MAIN ENGINES BENERATOR SET COOLING SYSTEM . PROPULSION RUDDERS STEERING FIRE PUMP MONITORS FDAM TOWING EQUIPMENT . DECK CRANE . RESCUE BOAT DAVID COMPLEMENT - OTHER EQUIPMENT NAUTICAL AND COMMUNICATION EQUIPMENT

Uzmar Shipbuilding Industry and Trade Inc. Islanbul - Turkey, 2005 Terminal - Ship Asist - Coastal Towage - Fire Fighting 1 - Oil Recovery Bureau Veritas 1 + Hull + Machinery + Tug, IFIFI 11 Ship + Oil Recovery Ship + Unrestricted Navigation + AUT-UMS Navigation Area A3 SOLAS 1974 - 1978 Int. Convention Load Line - MARPOL 1973/1978 Robert Alian Ltd., Vancouver Canada 30.25 - 11.00 meters 4.55 m - 13.0 knots 177,000 liters - 27,000 liters 40.000 liters 4860 BHP 60 metric tons 2 x Caterpillar 3516 HD HD DITA B-Rating Rated power 1800 kW @ 1,600 rpm 2 x Dummins 6BT 5.9 DM Stamford Alternator 81 kW each 380 V 50 Hz Bloxmii Box Coolers 2 a Rolls Royce US 205 CPP Rudder Props each 2400 mm dia. 2 x 360 degrees Steerable Thrusters 2x Full Follow up combi-lever, one for per drive 2 x main engine driven fire pumps each 1500 m3, total 3000 m3 Fire Fighbrig1 Ship, Water Curtain 2 x SKUM each 1200 m3 electrical remote control monitor for water/foam 16.400 liters a Bow Hawser winch 120 tons brake 30 tons pull, 100 m 96 mm dia, line friction clutch 1 x Aft Towing winch, 120 tons brake 30 tons pull, double drum 2x 450 m x 46 mm steel line, friction clutch All Make Kraaijevold, Holland 1 Mampaey Towing Hook - 1 a Data Hydrautic Towing Pins Foldable 2.2 tons IB 9.3 meters 1 SOLAS approved, make Ned Deck Marine, Holland 9 crew tull airconditioned 7 x Compressed Air system, make Atlas Copco, 1 x Biological Treatment System make Facet, Holland, W and D type Fenders make MRI, England, Lighting Fixtures make Aqua Signal, Germany, International voyages A3, 2 x Raytheon Radar, 2 x Sallor Inmarcat C system, 1 x Raytheon Byro Compass. 1 x Raytheon Auto Pilot, 1 x Chart Piotinr, 1 x Raytheon DGPS, 1 x Skipper Ectio Sounder, 1 x Causens 3 Plath Magnetic Compass, 1 x Sallor AIS, 2 x DSC Sallor VriiF, 1 x Sallor SSB, 1 * Davor SART, 1 x Sallor EPIRB, 1 x ICS Navter, 2 x Portable Sallor GMDSS VriiF, 1 x Walker Speed Log, 1 Michilker Wood system RE 80





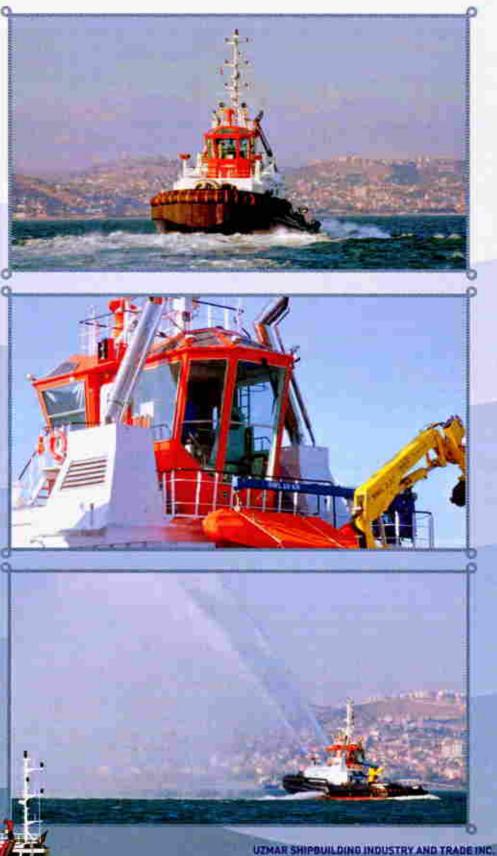


->" ASD 3070E " TERMINAL - ESCORT - TOWAGE - FIRE FIGHTING TUG

+ BUILDER + BASIC DUTY	Uzmar Shipbuilding Industry and Trade Inc., Istanbul, Turkey Terminal, Ship Assist, Coastal Towage, Escort, Fire Fighting 1, Fresh Water Supply
* CLASSIFICATION	Bureau Veritas 1 + Hull +Mach, Escort Tug, AUT - UMS, Fire - Fighting 1, Unrestricted
SAFETY REGULATIONS DESIGNER LO.A - Beam - Depth	Service, Area A2 SOLAS 1974, MARPOL 1973 / 1978, Load Line 1966 Robert Allan Ltd., Vencouver, Canada 30.25 - 11 75 meters
MAX DRAUGHT - SPEED FUEL - FRESH WATER	58 meters - 13 knots
* BALLAST WATER	173.000 - 109.000 liters 49.000 liters
TOTAL INSTALLED POWER	2 x 2 000 84W
* BOLLARD PULL	70 m tonnes
MAIN ENGINES	Caterpillar 05168 HD DITA C Rating 2000bkW B 1600rpm
GENERATOR SET COOLING SYSTEM	Caterpillar 35168 HD DITA C Rating 2000bkW B 1600rpm 2 x Cummuns 68T 5 Y DM Stamford Alternator 81 ekW each 9 1500 rpm 400V, 50 Hz, 3 Ph NRF, Holland Box Copters
PROPULSION	2 x Rolls Royce US 255CP or Schottel SRP 1515 CP, with 2.6 meters diameter rudder
	(DEDDA) JAPAN
RUDDERS	2 x 360 degrees steerable rudder propellers 2 x full follow-up combiliever, one for each drive
STEERING FIRE PUMP	2 x full follow-op combiliever, one for each drive
- FIRE FUMP	2 x main engine driven double suction, split case, certifyingal pumps. 1 x 1290 m3 /b, 1 x 1500 m3/b
HIDHITADO	Fire Fighting 1, water curtain
MONITORS FOAM CAPACITY	2 x SKUM each 1200 m3 /n electrical remote control monitor for water / foam 16,000 liters
TOWING EQUIPMENT	
	Tx encort rated double drum rendet / recovery hawser winch, 335 tonnes brake at 1 st layer, 70 tonnes rendering at 20 meters /min on 1 st layer, 5 tonnes recovering at 100
	meters (mit) on 4 th layer, 30 - 100 to adjustable rendering forces, capacity for 130 evolves
of the local division of the local divisione	TO THIS HOP I A SOUL OF UTE ATT DWIDD WITCH W/S LOPIDES STAKE 38 LOPIDES UP ATT AT TO PD
	/ min, capacity for 1 x 700 meters and 1 x 350 meters 52 mm wire, all make Rolls Royce
+ DECK CRANE	1 x 70 tonnes SWL towing Hook, make Mampaey, Hotland, 1 x Data Hydraulic Towing pina Telescobic Foldable type, 2 tonnes B 9,6 meters, Pallinger, Austuria
· RESCUE BOAT DAVID	In SREAS Anotheust Nucl Flack Marine Holland
+ COMPLEMENT	10 crew fully air contrioned
• OTHER EQUIPMENT	2 x compressed air system, Attas Copco, 1 a biological sevalate treatment system for 10 person, GV2, Germany, W section, D type and cyclinidirical lenders, Lion rubber, Liphling
	person uvz. usrmany, w section, u type and cacundizical lenders, cion rubber, Lighting
NAUTICAL AND COMMUNICATION EQUIPMENT	Intures, Aqua Signal, Germany Navigational area A2



"QUALITY FIRST"



Shipyard KOSBAS, Kocanii Serbent Bolgnni, renico 41275, Izmit - Kocaeli, Tur Let - 170 (262) 361 45 10 (PBK) Silks - 10 (267) 341 45 17 (Technic

Branch Office Rauf Orhay C No. 31/2 Tuz



"QUALITY FIRST"



Shipyard

Web: www.uzmar.com

Branch Office

E-Mail: Izmir@uzmar.com