

UZMAR[®]

PRODUCTS OF PROGRESSIVE ENGINEERING

PROGRESSIVE ENGINEERING
EXCELLENT
EXECUTION

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ASD TUGBOAT

RAstar 3000W/UZM



LOA	: 30.00 m
BEAM	: 13.20 m
GROSS TONNAGE	: < 500 GT
DRAUGHT, MAX	: 6.05 m
[depends on propeller dia]	
MAX.SPEED	: 13.00 knots
BP, MAX	: 90.00 ton
MAIN ENGINES	: High or medium speed engines up to 2800 bkW
PROPULSION	: Up to 3000 mm diameter CP or FP Azimuth Thrusters
GENERATOR	: Min. 2 x 88 ekW (based on load analysis)
FIRE FIGHTING	: FiFi 1 / dedicated diesel or main engine driven pump
ACCOMMODATION	: Up to 10 person
FUEL CAPACITY (M³)	: 130
FRESH WATER CAPACITY (M³)	: 35
GMDSS	: A1-A2-A3

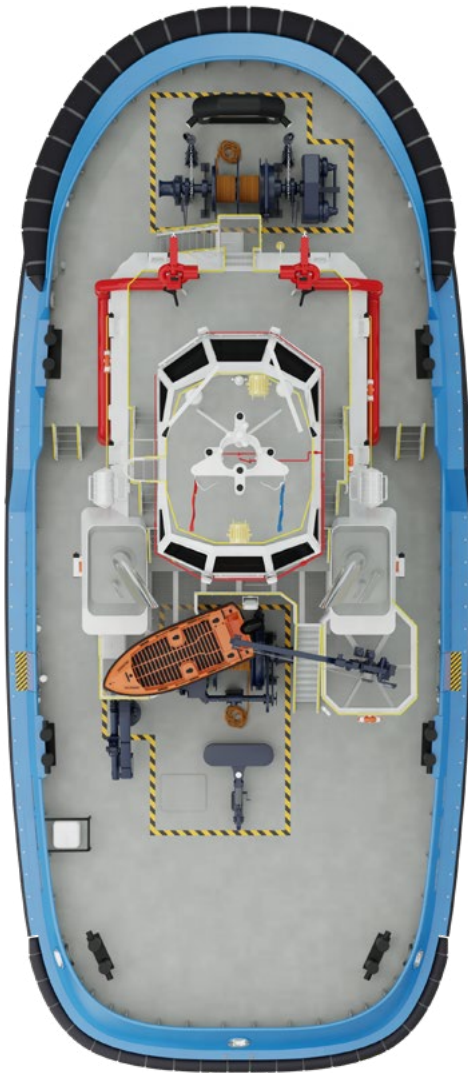


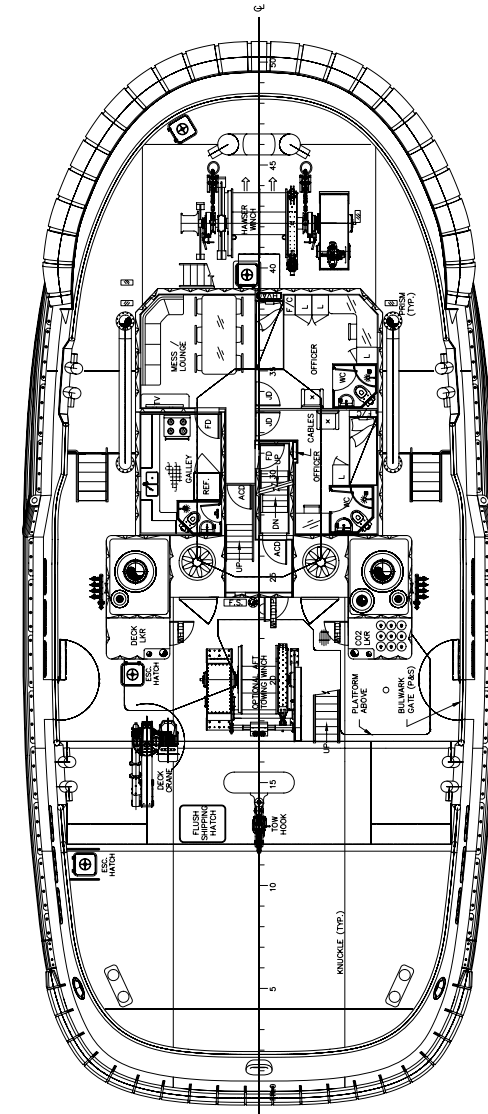
Features:

- The heavily fendered area enables the tug to evenly distribute the pushing force to avoid any tug damage to the assisted ship's hull side.
- High maneuverability and sea-keeping.
- Proven design which can be tailored according to operational needs.

ASD TUGBOAT

RAstar 3000W/UZM





ASD TUGBOAT

RAstar 3200



LOA	: 32.00 m
BEAM	: 12.80 m
GROSS TONNAGE	: < 500 GT
DRAUGHT, MAX [depends on propeller dia]	: 6.15 m
MAX.SPEED	: 13.00 knots
BP, MAX	: 85.00 ton
MAIN ENGINES	: High or medium speed engines up to 2600 bkW
PROPULSION	: Up to 3000 mm diameter CP or FP Azimuth Thrusters
GENERATOR	: Min. 2 x 88 ekW (based on load analysis)
FIRE FIGHTING	: FiFi 1 / dedicated diesel or main engine driven pump
ACCOMMODATION	: Up to 10 person
FUEL CAPACITY (M³)	: 140
FRESH WATER CAPACITY (M³)	: 35
GMDSS	: A1-A2-A3

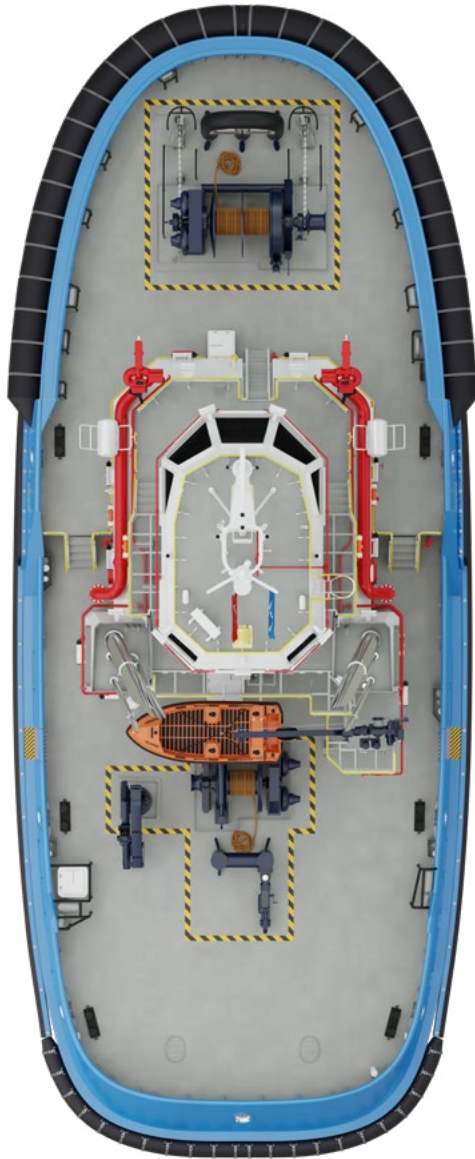


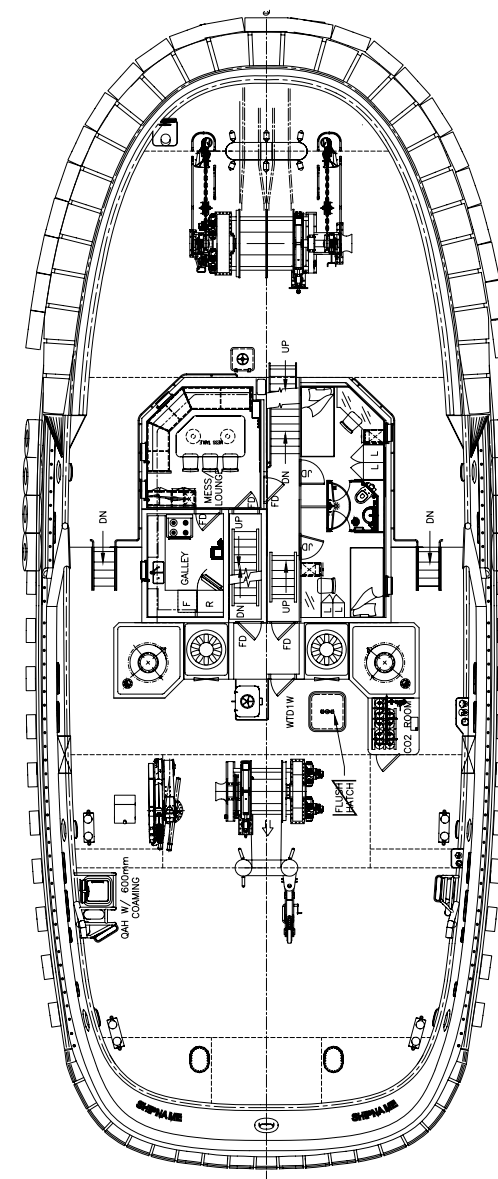
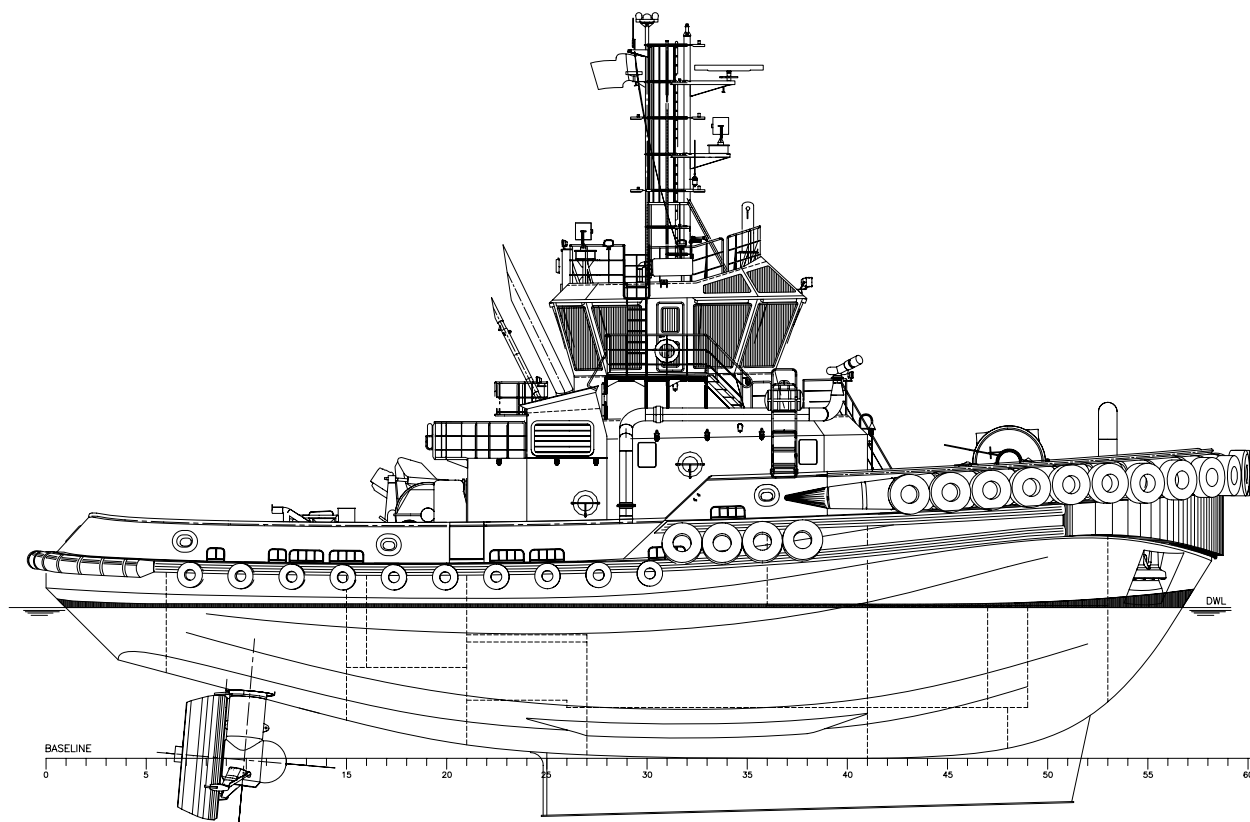
Features:

- Unique sponsoned hull-form for superior escort performance and improved sea-keeping.
- Roll response less than half of other standard designs.
- High maneuverability and sea-keeping.
- The epitome of high-performance ASD escort tugs.

ASD TUGBOAT

RAstar 3200





ASD TUGBOAT

RAstar 3200W



LOA	: 32.00 m
BEAM	: 13.20 m
GROSS TONNAGE	: < 500 GT
DRAUGHT, MAX	: 6.18 m
[depends on propeller dia]	
MAX.SPEED	: 13.00 knots
BP, MAX	: 90.00 ton
MAIN ENGINES	: High or medium speed engines up to 2800 bkW
PROPULSION	: Up to 3000 mm diameter CP or FP Azimuth Thrusters
GENERATOR	: Min. 2 x 88 ekW (based on load analysis)
FIRE FIGHTING	: FiFi 1 / dedicated diesel or main engine driven pump
ACCOMMODATION	: Up to 8 person
FUEL CAPACITY (M³)	: 185
FRESH WATER CAPACITY (M³)	: 38
GMDSS	: A1-A2-A3

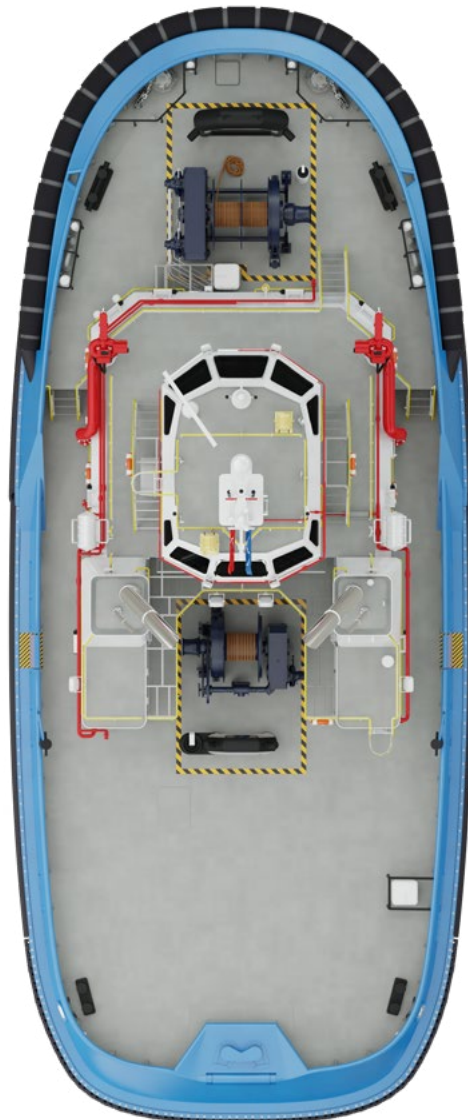


Features:

- Ultimate operational flexibility and a level of safety not achievable with a smaller vessel.
- Widened aft-deck area for safer operation.
- High maneuverability and sea-keeping.
- Superior sea-keeping and the most capable escort performance of any <500 GRT ASD tug.

ASD TUGBOAT

RAstar 3200W





ASD TUGBOAT

RAstar 3600



LOA	: 35.80 m
BEAM	: 14.50 m
GROSS TONNAGE	: > 500 GT
DRAUGHT, MAX [depends on propeller dia]	: 6.42 m
MAX.SPEED	: 13.50 knots
BP, MAX	: 90.00 ton
MAIN ENGINES	: High speed engines up to 2800 bkW
PROPULSION	: Up to 3000 mm diameter CP or FP Azimuth Thrusters
GENERATOR	: Min. 2 x 88 ekW (based on load analysis)
FIRE FIGHTING	: FiFi 1 / dedicated diesel or main engine driven pump
ACCOMMODATION	: Up to 12 person
FUEL CAPACITY (M³)	: 230
FRESH WATER CAPACITY (M³)	: 72
GMDSS	: A1-A2-A3

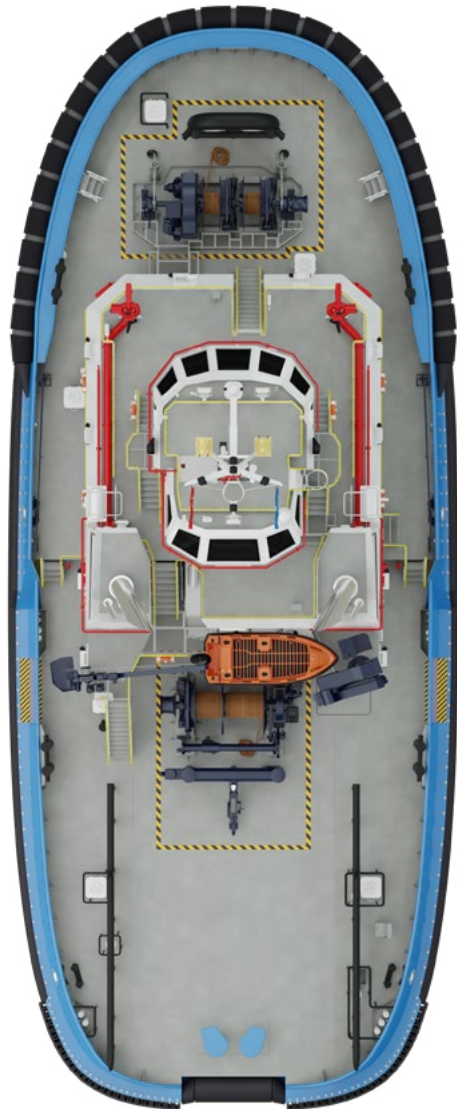


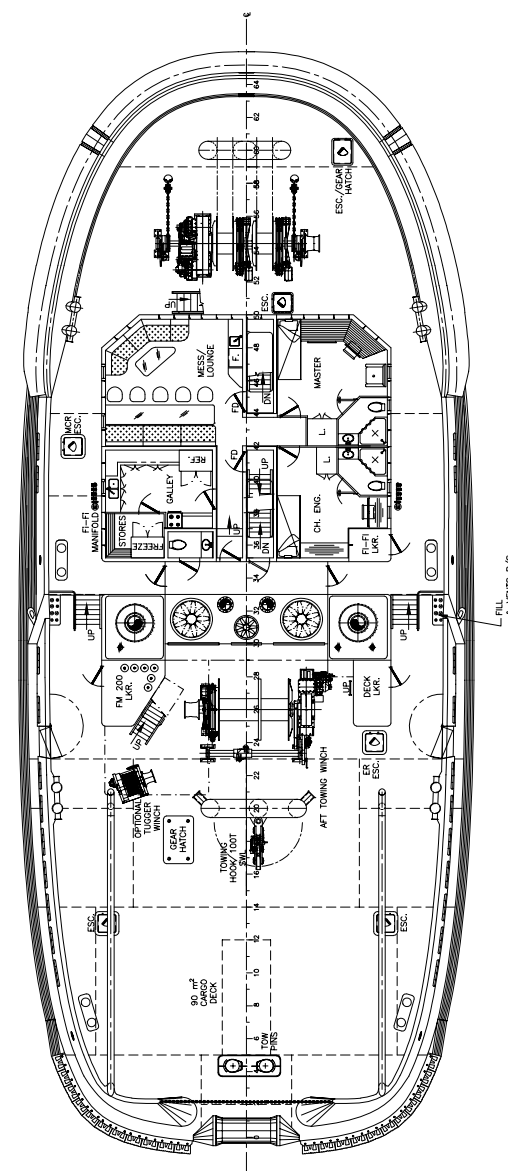
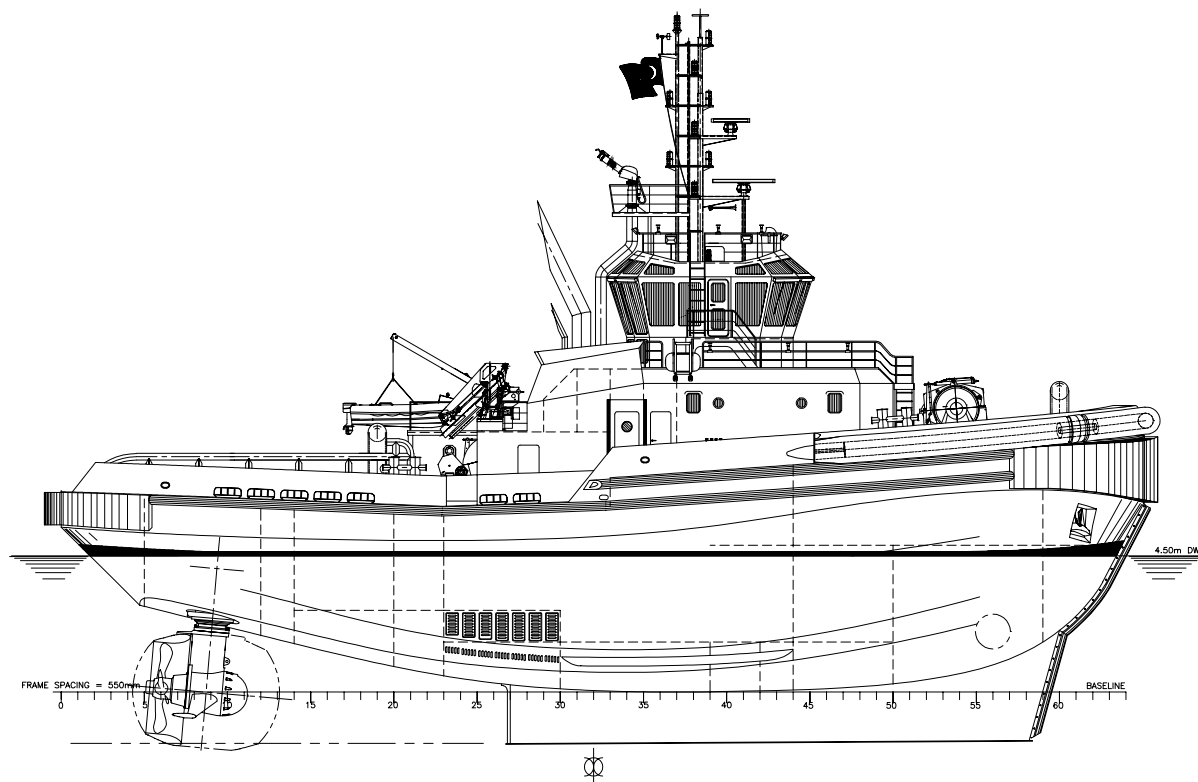
Features:

- Escort forces are enhanced by the effects of the sponsons as well as by the prominent foil-shaped escort skag forward.
- High-powered tug intended for demanding escort operations in exposed areas.
- The epitome of high-performance ASD escort tug
- Unique sponsoned hull-form for superior escort performance and improved sea-keeping.
- Unique sponsoned hull form developed exclusively to provide significantly enhanced escort towing performance.

ASD TUGBOAT

RAstar 3600





ASD TUGBOAT

RAstar 4200

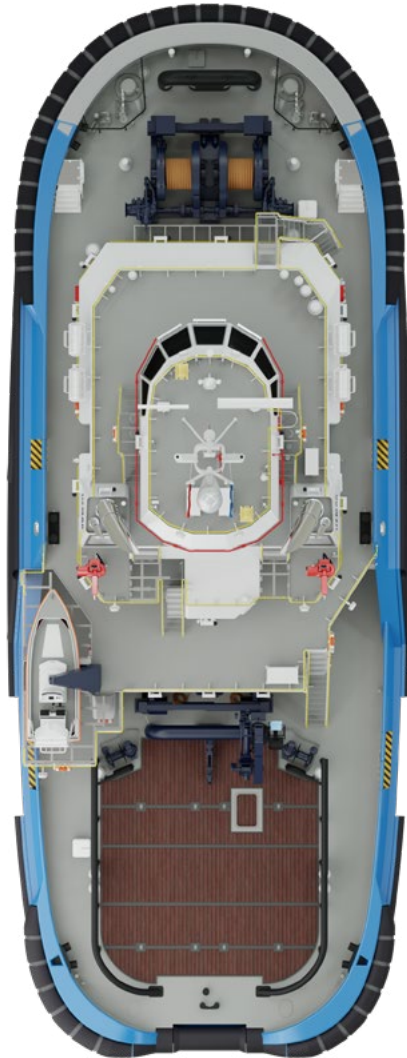


LOA	: 42.00 m
BEAM	: 16.00 m
GROSS TONNAGE	: < 1300 GT
DRAUGHT, MAX [depends on propeller dia]	: 6.50 m
MAX.SPEED	: 14.00 knots
BP, MAX	: Up to 100.00 ton
MAIN ENGINES	: Up to 3000 bkW
PROPULSION	: 3000 mm diameter CP Azimuth Thrusters
GENERATOR	: Min. 3 x 410 ekW (based on load analysis)
FIRE FIGHTING	: FiFi 1 main engine driven pumps
ACCOMMODATION	: Up to 14 persons
FUEL CAPACITY (M³)	: 353
FRESH WATER CAPACITY (M³)	: 114
GMDSS	: A1-A2-A3



ASD TUGBOAT

RAstar 4200





ASD TUGBOAT

RAmparts 2300/UZM



LOA	: 23.20 m
BEAM	: 11.40 m
GROSS TONNAGE	: < 500 GT
DRAUGHT, MAX [depends on propeller dia]	: 4.96 m
MAX.SPEED	: 13.00 knots
BP, MAX	: 65.00 ton
MAIN ENGINES	: High speed engines up to 2000 bkW
PROPULSION	: Up to 2500 mm diameter CP or FP Azimuth Thrusters
GENERATOR	: Min. 2 x 88 ekW (based on load analysis)
FIRE FIGHTING	: FiFi 1 / dedicated diesel or main engine driven pump
ACCOMMODATION	: Up to 6 person
FUEL CAPACITY (M³)	: 65
FRESH WATER CAPACITY (M³)	: 18
GMDSS	: A1-A2-A3

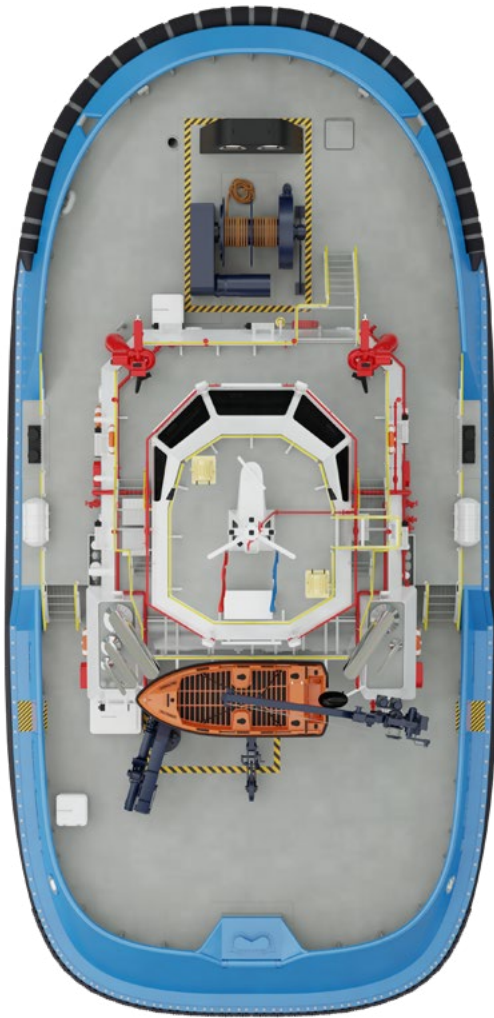


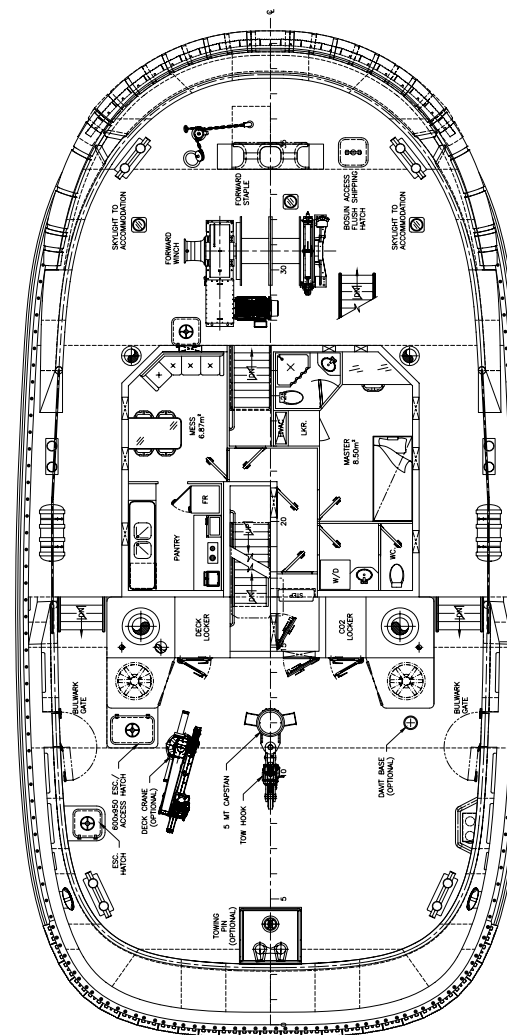
Features:

- Compact and powerful.
- Multi-functional design.
- High standard of machinery automation.
- The most widely accepted design series in the industry.
- The layouts have been developed to match the most commonly manning standards.

ASD TUGBOAT

RAmparts 2300/UZM





ASD TUGBOAT

RAmparts 2500W



LOA	: 25.20 m
BEAM	: 12.00 m
GROSS TONNAGE	: < 500 GT
DRAUGHT, MAX [depends on propeller dia]	: 6.00 m
MAX.SPEED	: 12.50 knots
BP, MAX	: 80.00 ton
MAIN ENGINES	: High speed engines up to 2350 bkW
PROPULSION	: Up to 2800 mm diameter CP or FP Azimuth Thrusters
GENERATOR	: Min. 2 x 88 ekW (based on load analysis)
FIRE FIGHTING	: FiFi 1 / dedicated diesel or main engine driven pump
ACCOMMODATION	: Up to 7 person
FUEL CAPACITY (M³)	: 90
FRESH WATER CAPACITY (M³)	: 16
GMDSS	: A1-A2-A3

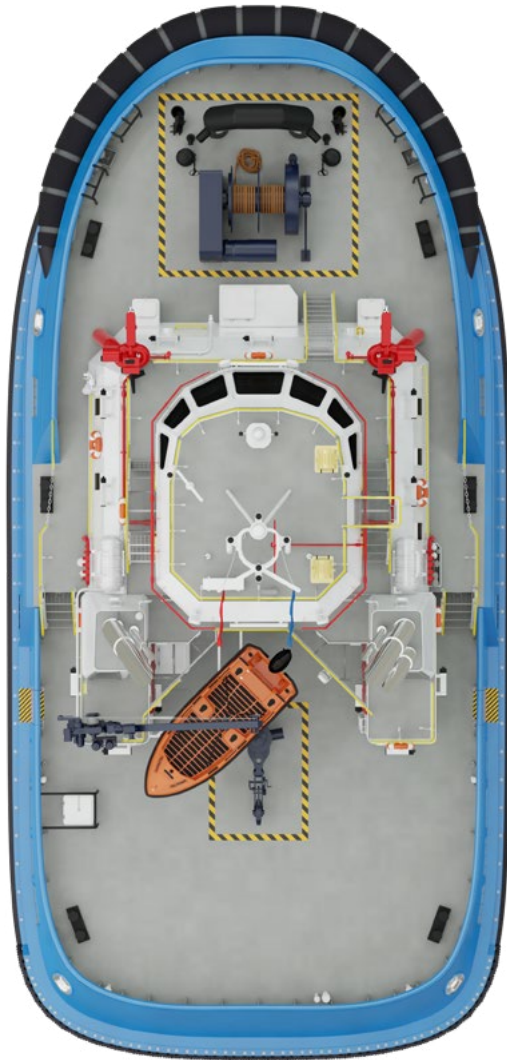
Features:

- Much wider beam.
- High performance and extremely agile tug.
- Excellent stability.
- Good all round visibility from the wheelhouse and large working deck.
- Much deeper skeg for enhanced indirect steering force capability.
- Ship-handling, coastal towing, escort, general purpose duties



ASD TUGBOAT

RAmparts 2500W





ASD TUGBOAT

RAmparts 3000



LOA	: 30.25 m
BEAM	: 11.75 m
GROSS TONNAGE	: < 500 GT
DRAUGHT, MAX [depends on propeller dia]	: 6.10 m
MAX.SPEED	: 13.00 knots
BP, MAX	: 80.00 ton
MAIN ENGINES	: High speed engines up to 2600 bkW
PROPULSION	: Up to 3000 mm diameter CP or FP Azimuth Thrusters
GENERATOR	: Min. 2 x 88 ekW (based on load analysis)
FIRE FIGHTING	: FiFi 1 / dedicated diesel or main engine driven pump
ACCOMMODATION	: Up to 10 person
FUEL CAPACITY (M³)	: 158
FRESH WATER CAPACITY (M³)	: 35
GMDSS	: A1-A2-A3

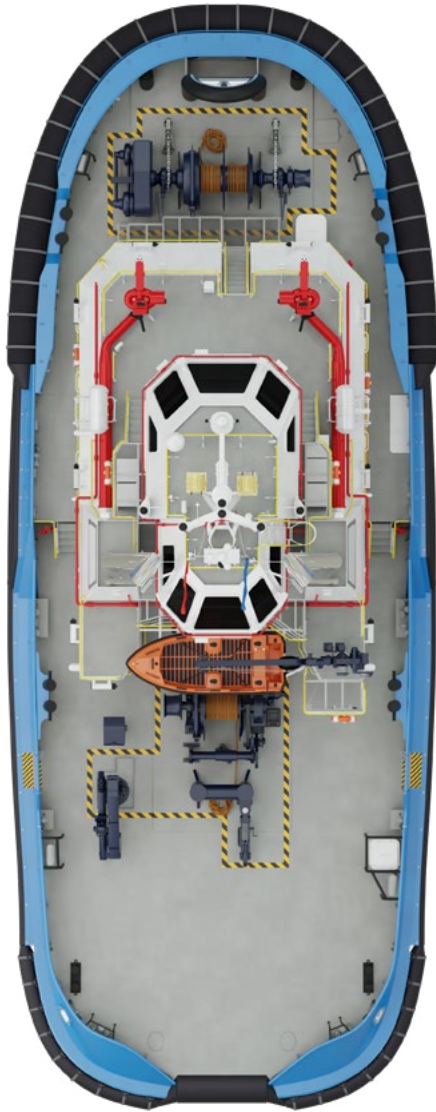


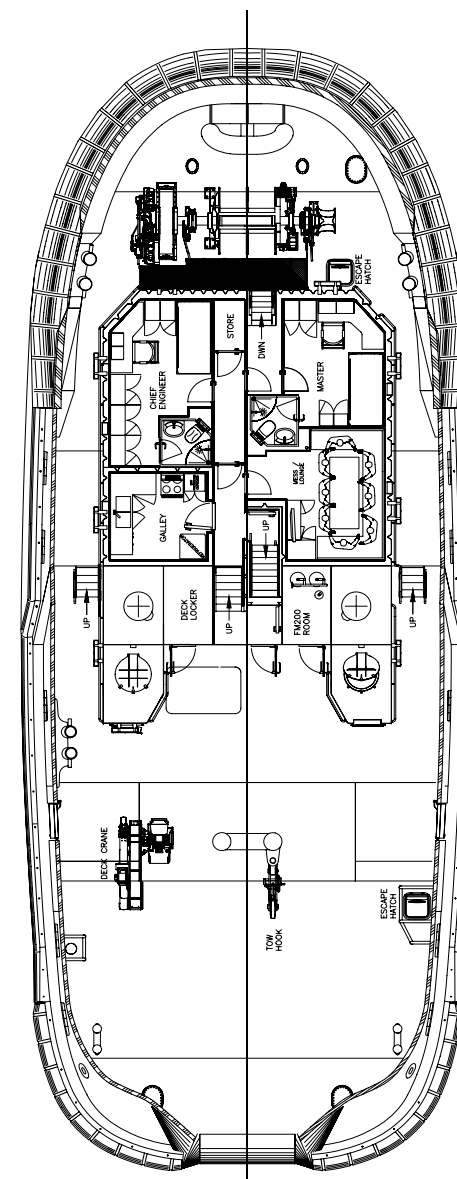
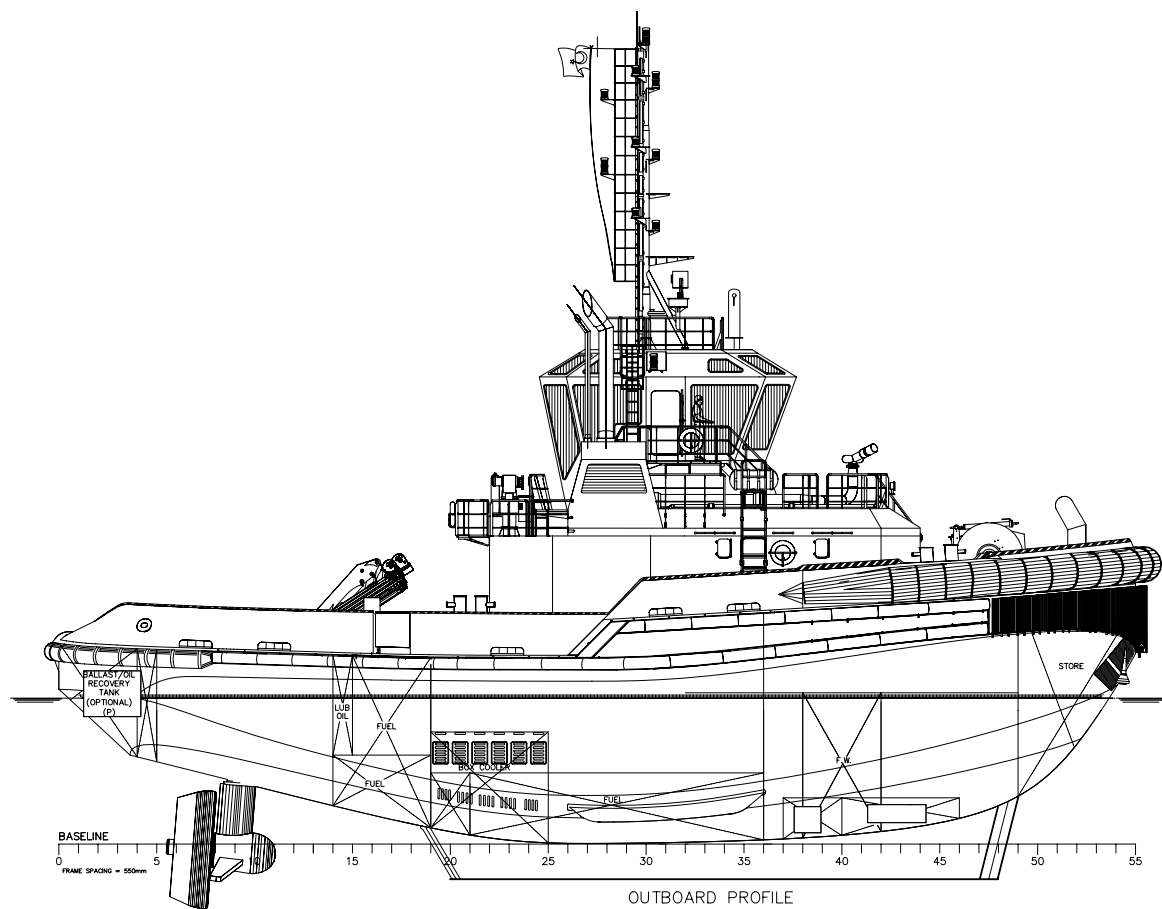
Features:

- Ship-handling, coastal towing, general purpose or escort duties.
- Enhanced sea-keeping.
- Directional stability characteristics.
- Widely accepted, versatile and well proven
- ASD Terminal Ship Assist Tug.

ASD TUGBOAT

RAmparts 3000





TWIN SCREW TUGBOATS

RAscal 2000



LOA	: 20.44 m
BEAM	: 8.50 m
GROSS TONNAGE	: < 500 GT
DRAUGHT, MAX	: 3.30 m
[depends on propeller dia]	
MAX.SPEED	: 10.50 knots
BP, MAX	: 35.00 ton
MAIN ENGINES	: High speed engines up to 1100 bkW
PROPULSION	: Conventional fixed pitch propeller with nozzle
GENERATOR	: Min. 2 x 88 ekW (based on load analysis)
FIRE FIGHTING	: Opt.
ACCOMMODATION	: Up to 5 person
FUEL CAPACITY (M³)	: 30
FRESH WATER CAPACITY (M³)	: 15
GMDSS	: A1

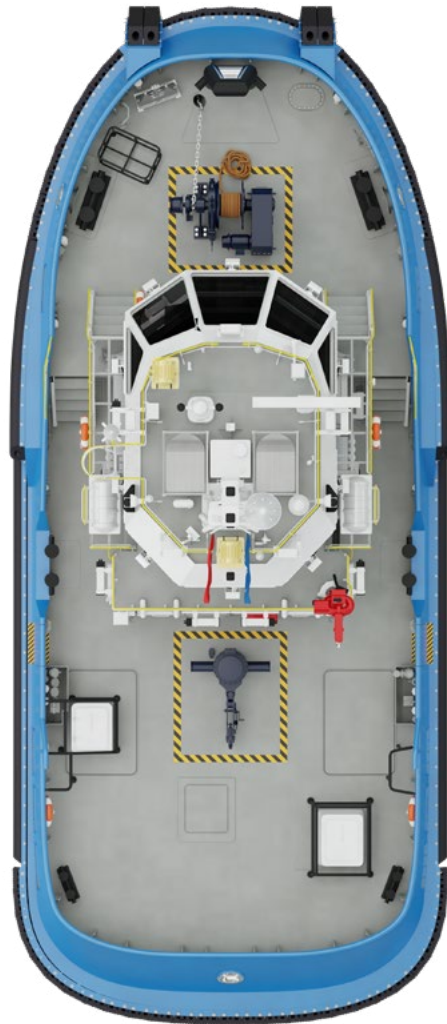


Features:

- Compact and efficient design.
- Designed to perform ship-assist/harbour tug duties
- Significantly low air draft and a shallow navigational draft.
- High-performance conventional twin-screw tugs.

TWIN SCREW TUGBOATS

RAscal 2000





TWIN SCREW TUGBOATS

DRAfter 2500/UZM



LOA	: 25.10 m
BEAM	: 11.00 m
GROSS TONNAGE	: < 500 GT
DRAUGHT, MAX [depends on propeller dia]	: 3.30 m
MAX.SPEED	: 12.00 knots
BP, MAX	: 60.00 ton
MAIN ENGINES	: High speed engines up to 1200 bkW
PROPULSION	: Up to 3 x Conventional fixed pitch propeller with nozzle
GENERATOR	: Min. 2 x 88 ekW (based on load analysis)
FIRE FIGHTING	: FiFi 1 / dedicated diesel or main engine driven pumps.
ACCOMMODATION	: Up to 5 person
FUEL CAPACITY (M³)	: 88
FRESH WATER CAPACITY (M³)	: 15
GMDSS	: A1-A2-A3

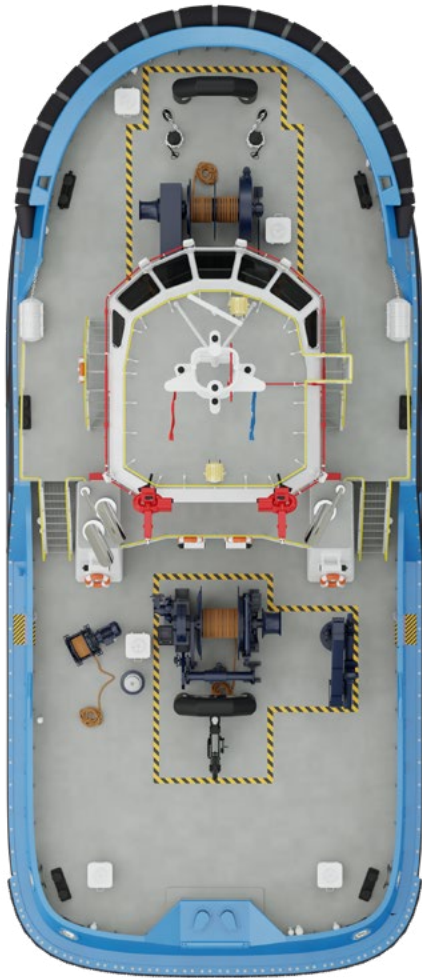


Features:

- Shallow draft.
- Multi-function in coastal and protected environments.
- Typically conventional twin-screw tugs, but also available in triple screw configurations.
- Capable of performing ship handling when fitted with forward winch.
- Equipped with heavy duty aft towing gear and deck cranes.
- Suitable for towing, anchor handling, and maintaining nearshore infrastructure.

TWIN SCREW TUGBOATS

DRAfter 2500/UZM





VOITH TUGBOAT

TRAKtor 3000



LOA	: 30.75 m
BEAM	: 12.00 m
GROSS TONNAGE	: < 500 GT
DRAUGHT, MAX	: 6.20 m
[depends on propeller dia]	
MAX.SPEED	: 14.00 knots
BP, MAX	: 65.00 ton
MAIN ENGINES	: Medium speed engines up to 2300 bkW
PROPULSION	: Voith Schneider
GENERATOR	: Min. 2 x 88 ekW (based on load analysis)
FIRE FIGHTING	: FiFi 1 /2
ACCOMMODATION	: Up to 8 person
FUEL CAPACITY (M³)	: 150
FRESH WATER CAPACITY (M³)	: 35
GMDSS	: A1-A2-A3

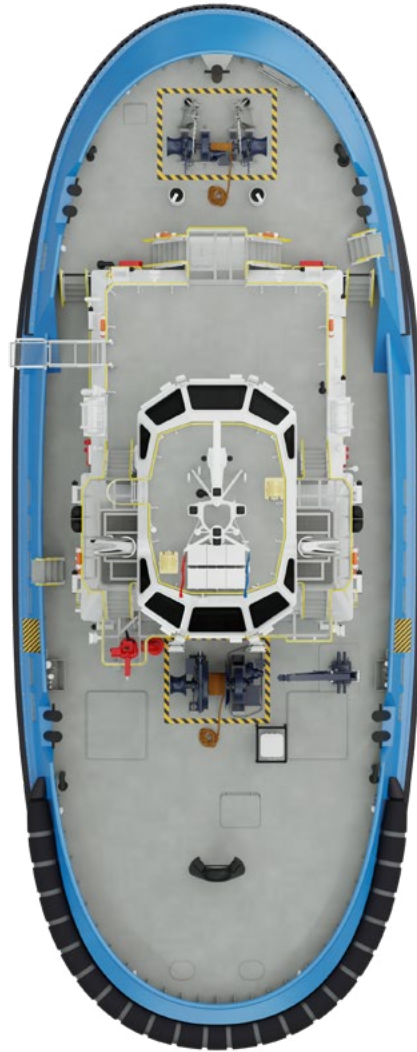
Features:

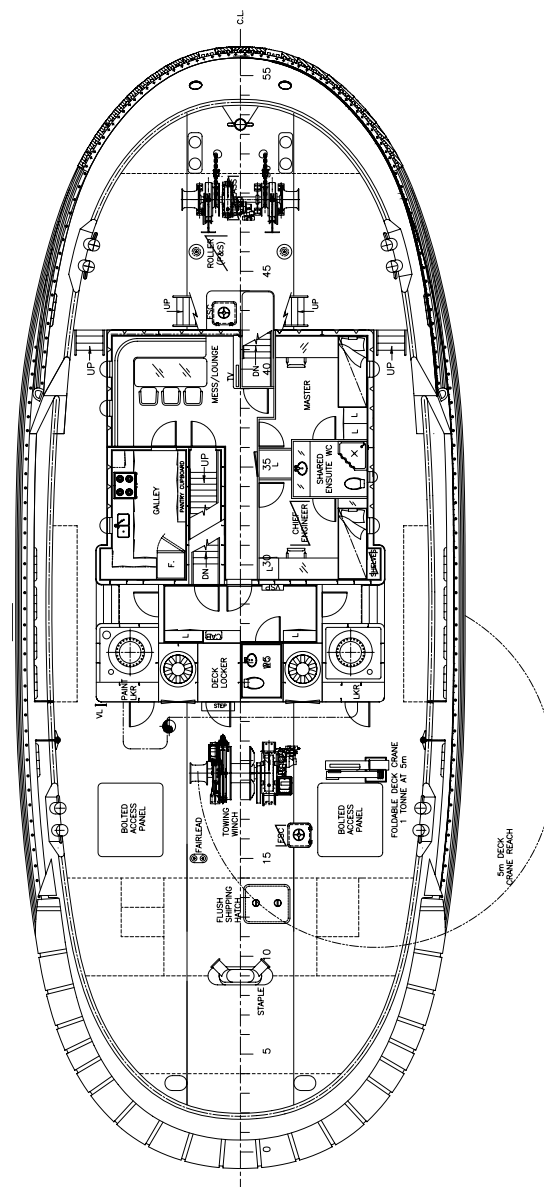
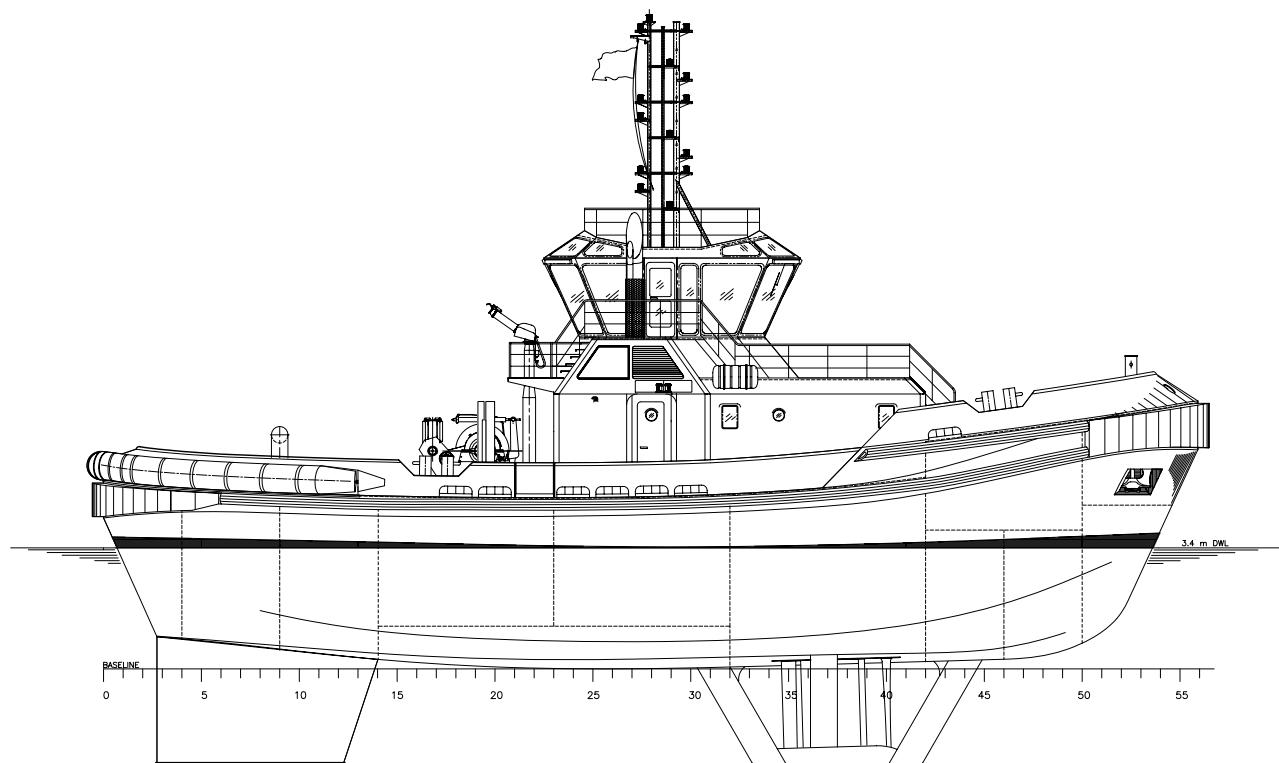
- Traktor tugs with either Voith or Z-drive propulsion.
- Superior sponsoned hull form for better escort and sea-keeping capabilities.
- Proven superior design.
- Can accommodate a wide range of powers and other equipment, according to owner requirements.
- High performance tugs for escort, ship-handling or terminal support duties.



VOITH TUGBOAT

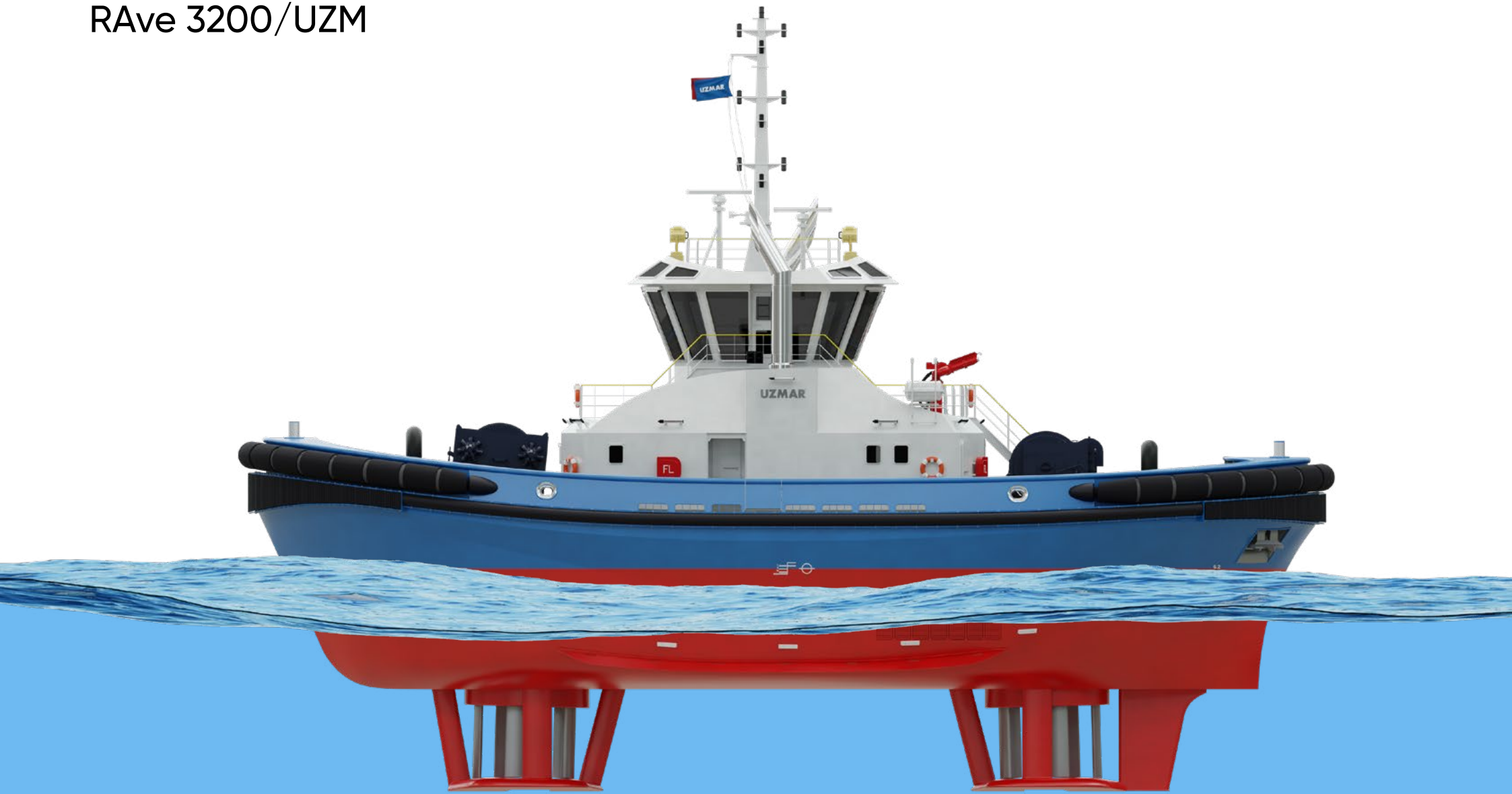
TRAKtor 3000





VOITH TUGBOAT

RAve 3200/UZM



LOA	: 31.60 m
BEAM	: 13.00 m
GROSS TONNAGE	: < 500 GT
DRAUGHT, MAX	: 6.70 m
[depends on propeller dia]	
MAX.SPEED	: 13.00 knots
BP, MAX	: 75.00 ton
MAIN ENGINES	: Medium speed engines up to 2650 bkW
PROPULSION	: Voith Schneider
GENERATOR	: Min. 2 x 88 ekW (based on load analysis)
FIRE FIGHTING	: FiFi 1 / 2
ACCOMMODATION	: Up to 8 person
FUEL CAPACITY (M³)	: 143
FRESH WATER CAPACITY (M³)	: 18
GMDSS	: A1-A2-A3

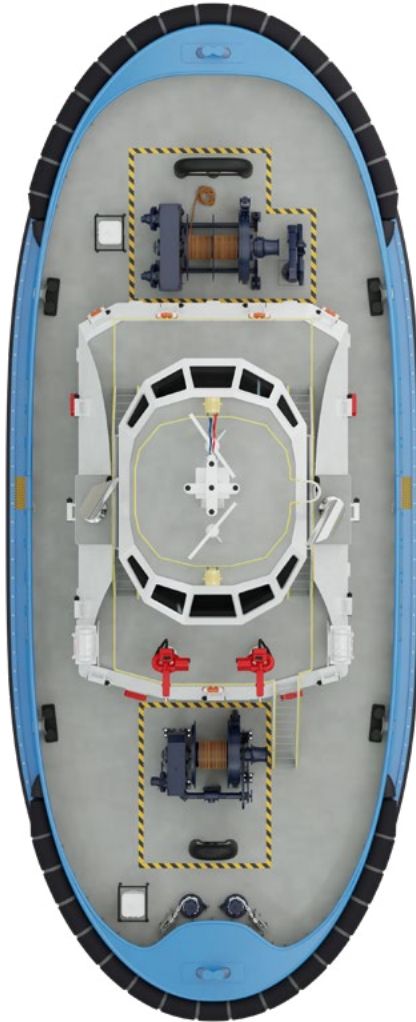


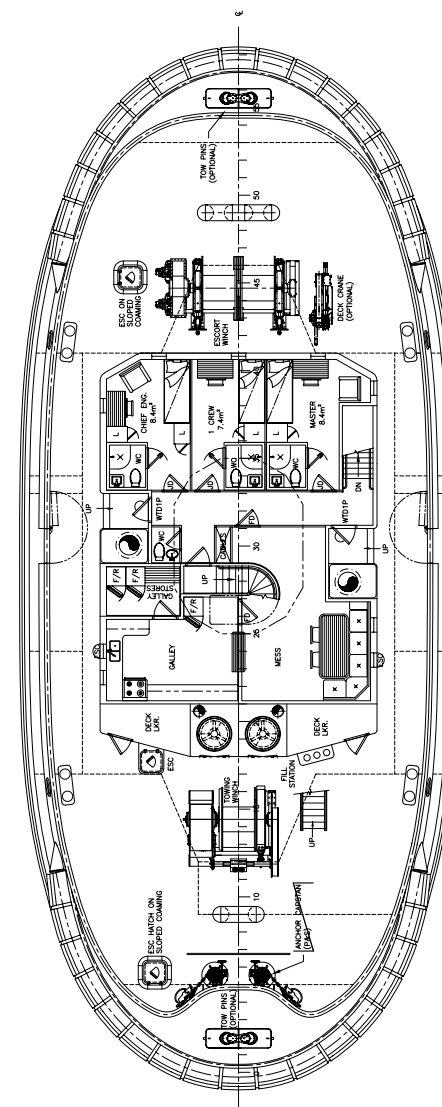
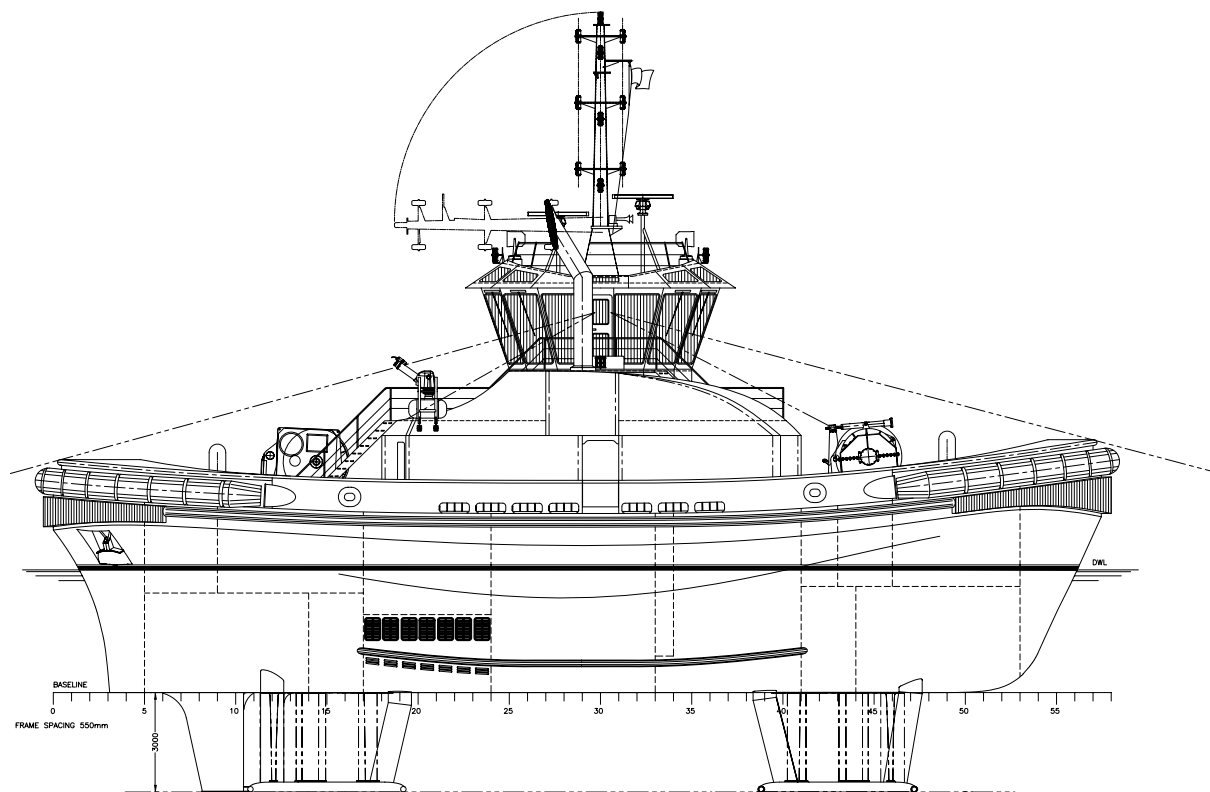
Features:

- Highly maneuverable, high-performance escort and ship-handling tug.
- Unique fore and aft VSP drive configuration.
- Performance proven by extensive testing and analysis.
- Responsive, controllable, powerful.
- Higher indirect steering forces than developed by a conventional VSP tractor configuration.

VOITH TUGBOAT

RAve 3200/UZM





PUSHER TUGBOATS

RApide 4600



LOA	: 46.50 m
BEAM	: 16.50 m
GROSS TONNAGE	: > 500 GT
DRAUGHT, MAX	: 2.80 m
[depends on propeller dia]	
MAX.SPEED	: 13.00 knots
BP, MAX	: 65.00 ton
MAIN ENGINES	: Diesel Electric/ 3 x 1.800 ekW @ 1.000 rpm
PROPULSION	: 3 x FP Azimuth Thrusters
GENERATOR	: Min. 2 x 118 ekW (based on load analysis)
FIRE FIGHTING	: Opt.
ACCOMMODATION	: Up to 18 person
FUEL CAPACITY (M³)	: 535
FRESH WATER CAPACITY (M³)	: 35
GMDSS	: A1-A2

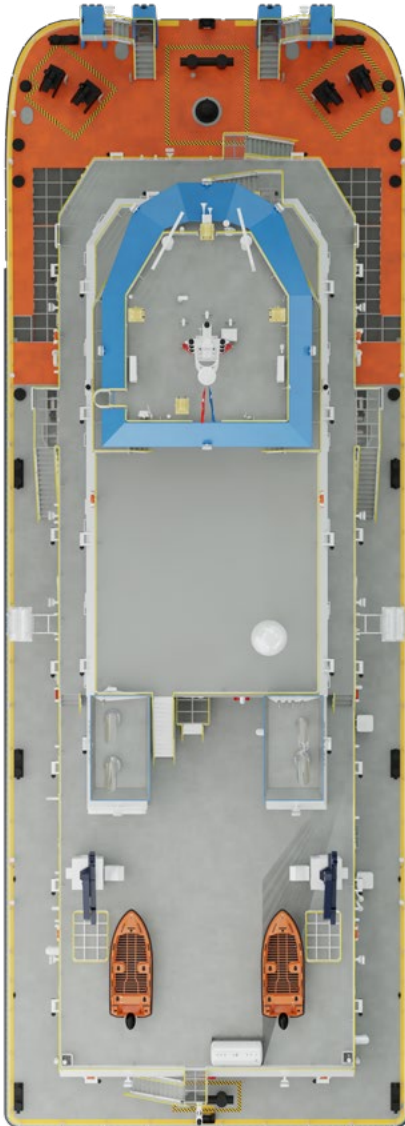


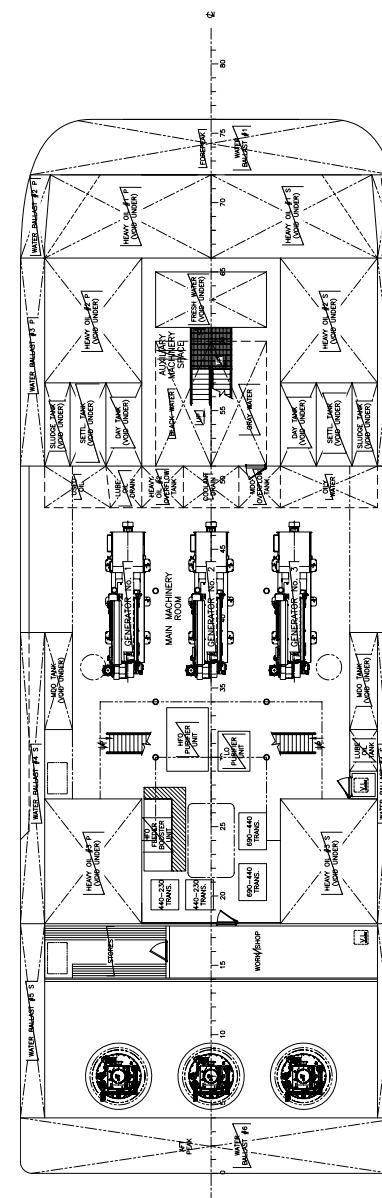
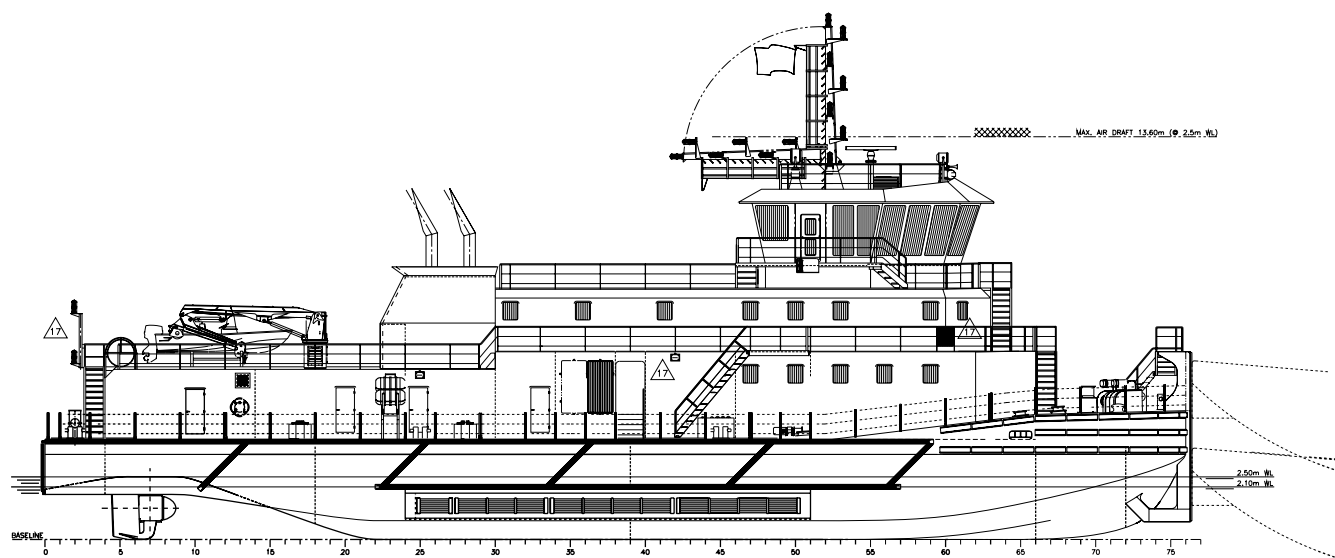
Features:

- Performance proven shallow draft vessel design.
- Melded with modern CFD analytical capabilities for maximum performance.
- Available in twin, triple, and quadruple screw configurations, with conventional or Z-drive propulsion.
- Enhanced shallow-draft pusher tug designs for major river transportation systems.

PUSHER TUGBOATS

RApide 4600





OFFSHORE SUPPORT MULTI-PURPOSE VESSEL

RAmpage 6000



LOA	: 60.00 m
BEAM	: 14.00 m
GROSS TONNAGE	: > 1800 GT
DRAUGHT, MAX	: 5.50 m
[depends on propeller dia]	
MAX.SPEED	: 13.00 knots
BP, MAX	: 110.00 ton
MAIN ENGINES	: Up to 3000 bkW
PROPULSION	: Up to 3400 mm diameter CP or FP Azimuth Thrusters
Generator	: Min. 3 x 750 ekW (based on load analysis)
Fire Fighting	: FiFi 1 / dedicated diesel or main engine driven pumps
Accommodation	: Up to 16 persons
Fuel Capacity (m3)	: 307
Fresh Water Capacity (m3)	: 262
GMDSS	: A1-A2-A3



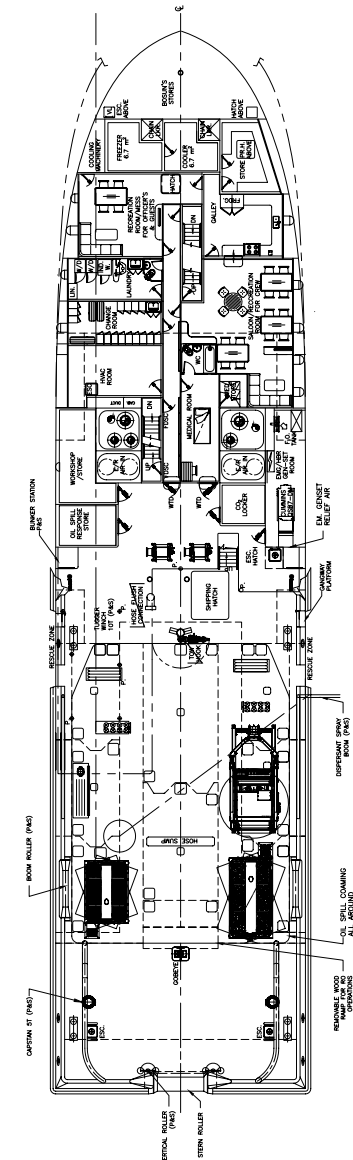
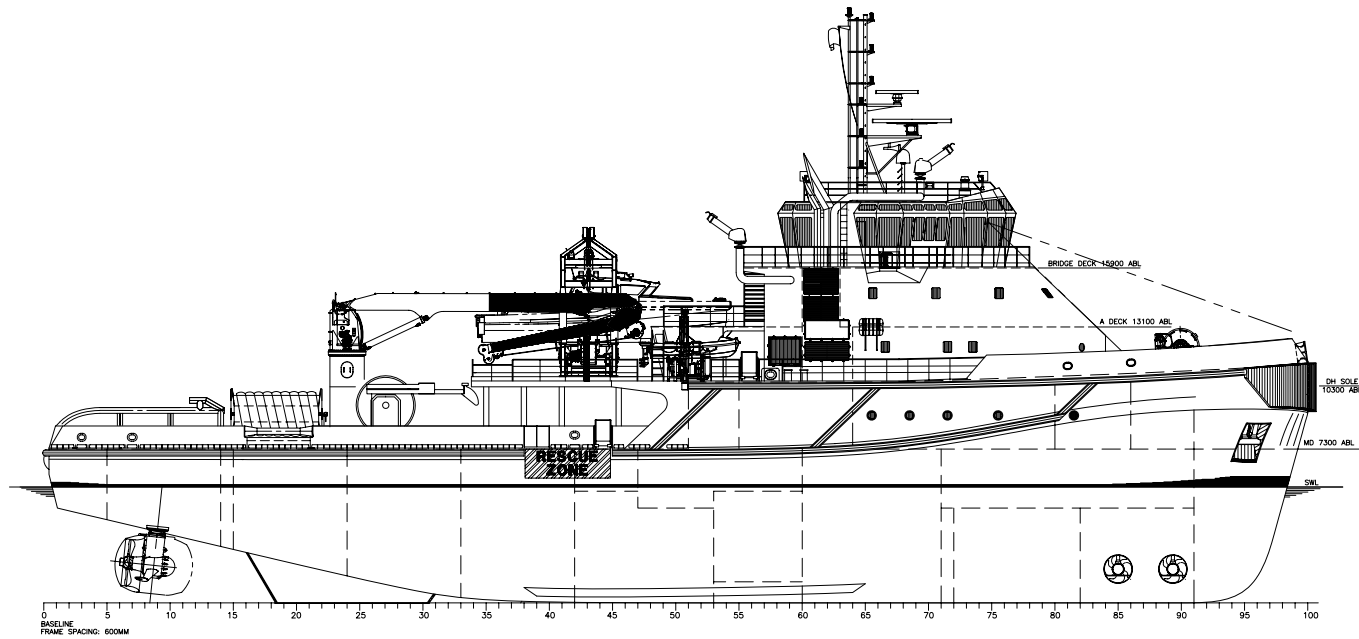
Features:

- High Performance Vessels for offshore terminal and oil-field duties.
- Extensively model-tested to prove capabilities.
- Compact dimensions/high power/excellent performance.
- Design is first built by UZMAR.

OFFSHORE SUPPORT MULTI-PURPOSE VESSEL

RAmpage 6000





OFFSHORE SUPPORT MULTI-PURPOSE VESSEL

MPV 4600 Multi Purpose Vessel

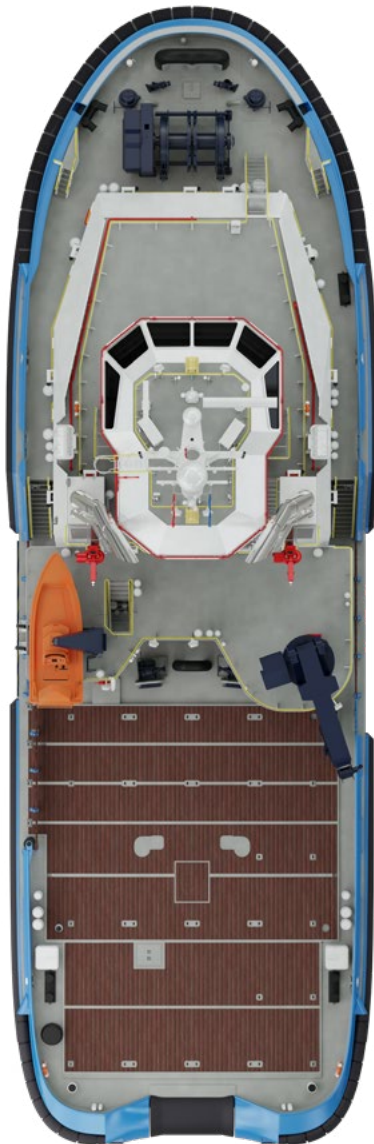


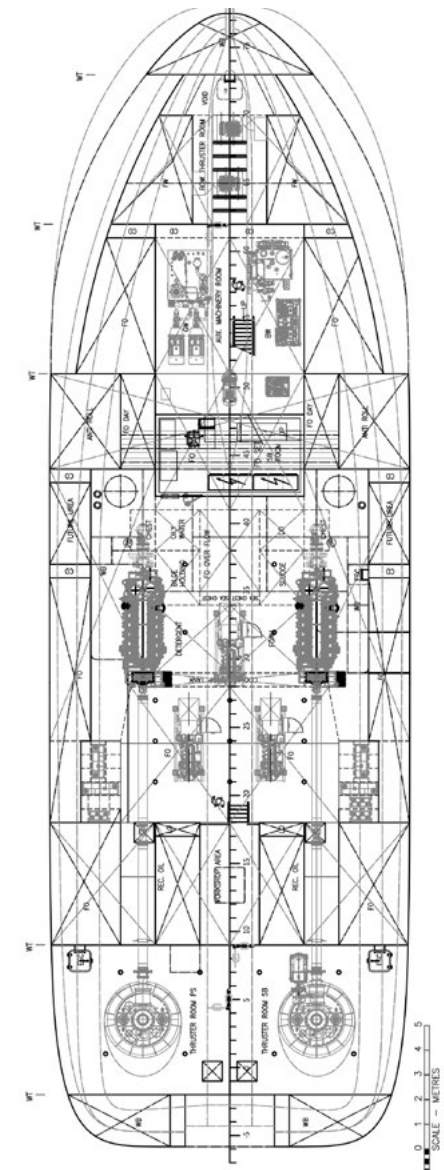
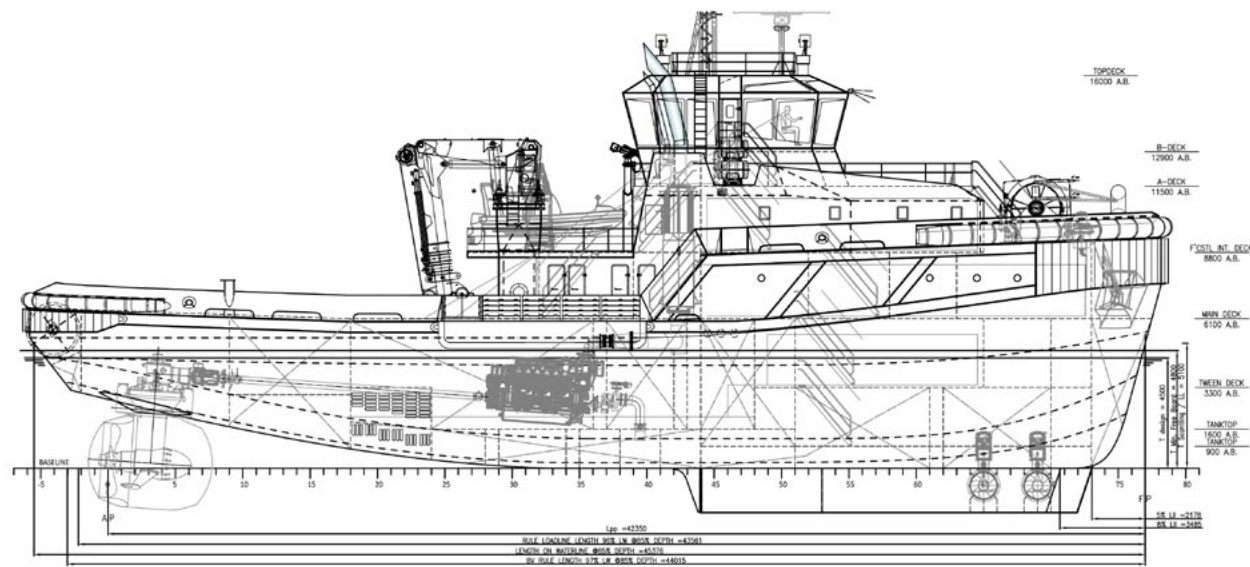
LOA	: 46.20 m
BEAM	: 14.50 m
GROSS TONNAGE	: < 1200 GT
DRAUGHT, MAX	: 6.60 m
[depends on propeller dia]	
MAX.SPEED	: 13.50 knots
BP, MAX	: Up to 100.00 ton
MAIN ENGINES	: Up to 3000 bkW
PROPULSION	: 3000 mm diameter CP Azimuth Thrusters
Generator	: Min. 3 x 465 ekW (based on load analysis)
Fire Fighting	: FiFi 1 main engine driven pumps
Accommodation	: Up to 20 persons
Fuel Capacity (m3)	: 357
Fresh Water Capacity (m3)	: 52
GMDSS	: A1-A2-A3
DYNAMIC POSITIONING	: DP - 2



OFFSHORE SUPPORT MULTI-PURPOSE VESSEL

MPV 4600 Multi Purpose Vessel





LINE HANDLING BOATS

New Dolphin TS 1200



LOA	: 12.50 m
BEAM	: 4.40 m
GROSS TONNAGE	: < 30 GT
DRAUGHT, MAX	: 1.95 m
[depends on propeller dia]	
MAX.SPEED	: 11.00 knots
BP, MAX	: 12.00 ton
MAIN ENGINES	: High speed engines up to 320 bkW
PROPULSION	: Conventional fixed pitch propeller with nozzle

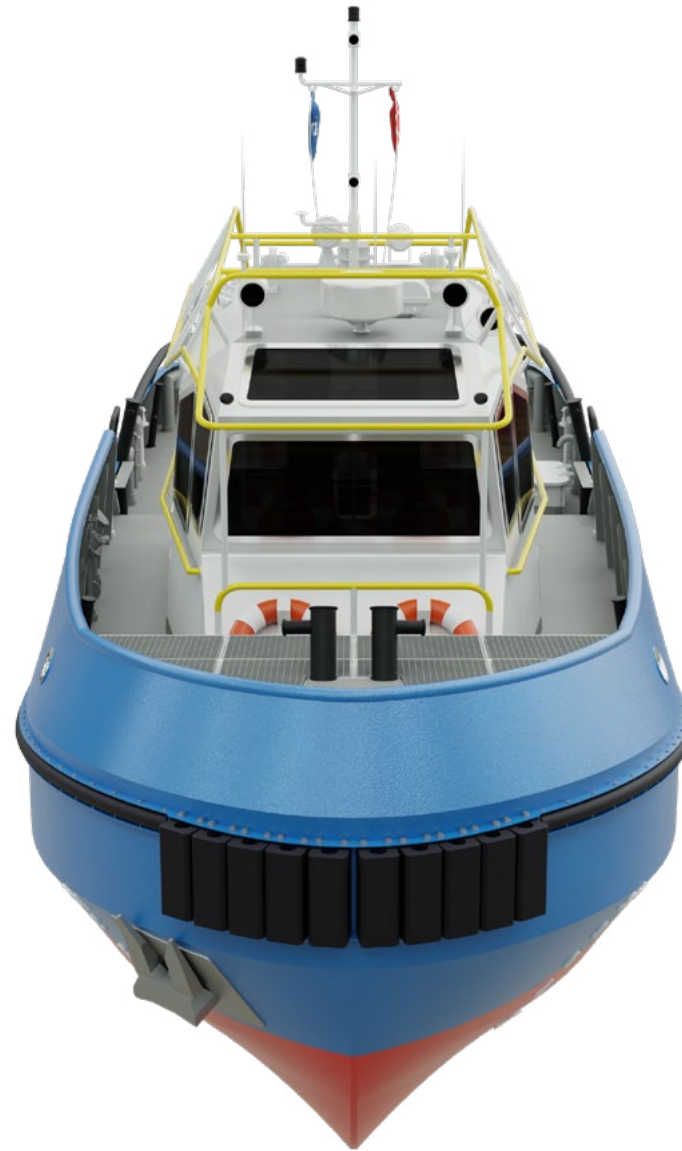
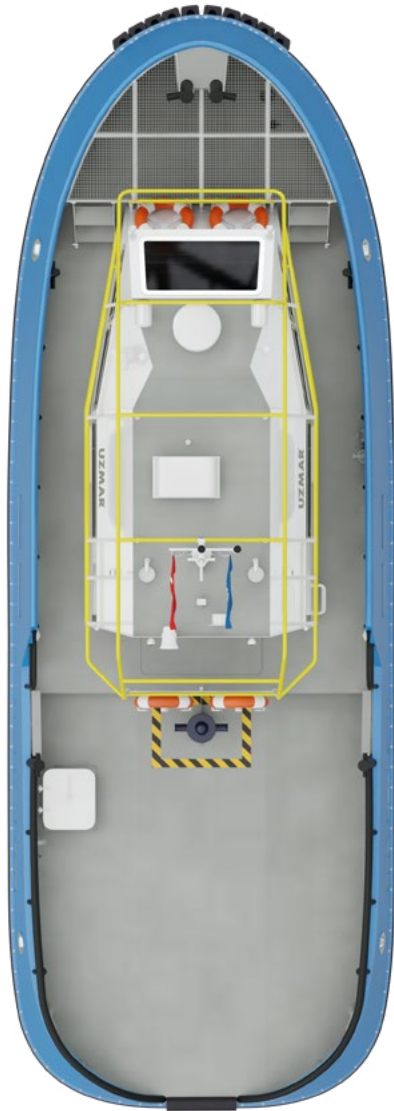


Features:

- Proven design line-handling tugs.
- Spacious aft deck.
- Proven superior design.
- Compact and efficient design.

LINE HANDLING BOATS

New Dolphin TS 1200



LINE HANDLING BOATS

Big Dolphin TS 1500



LOA	: 14.95 m
BEAM	: 6.00 m
GROSS TONNAGE	: < 50 GT
DRAUGHT, MAX	: 1.85 m
[depends on propeller dia]	
MAX.SPEED	: 11.00 knots
BP, MAX	: 20.00 ton
MAIN ENGINES	: High speed engines up to 550 bkW
PROPULSION	: Conventional fixed pitch propeller with nozzle

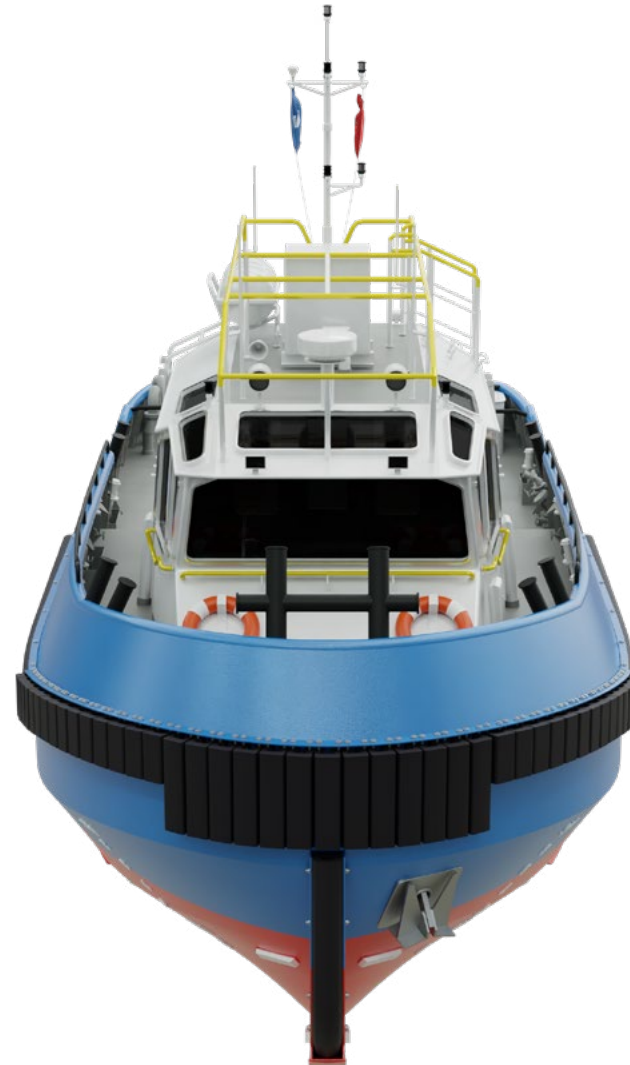
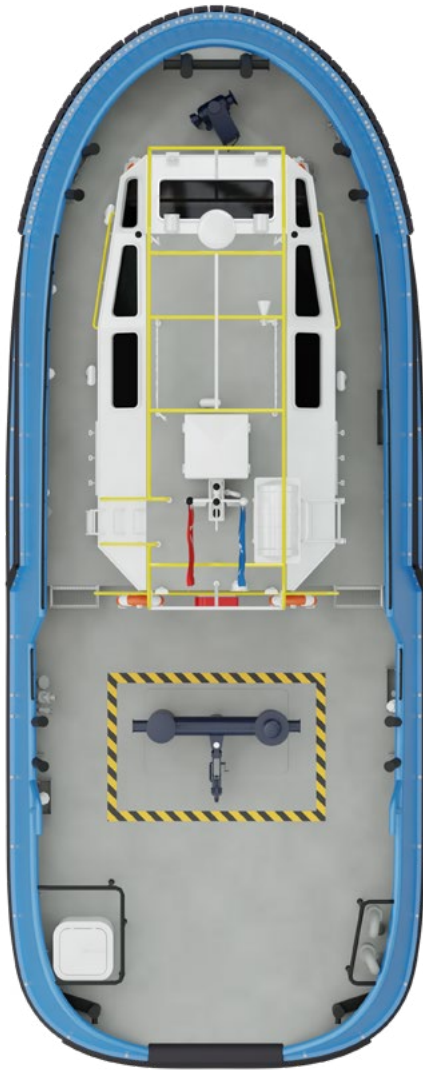


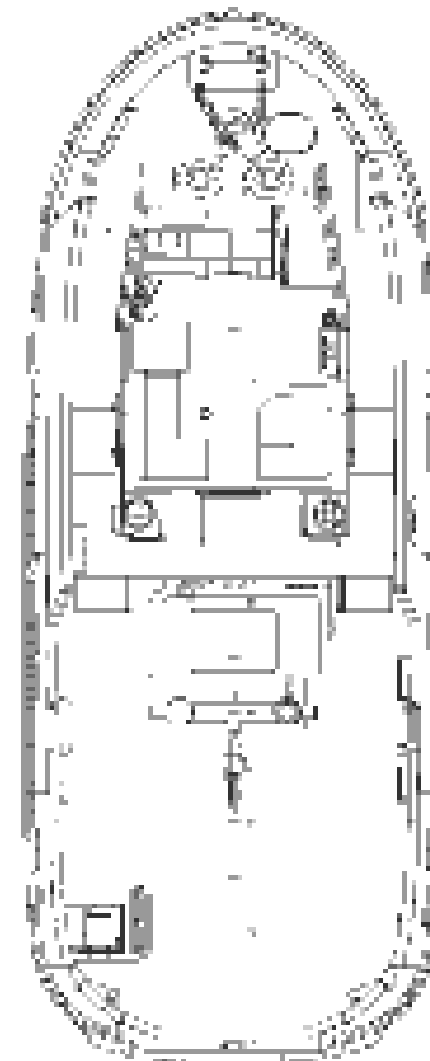
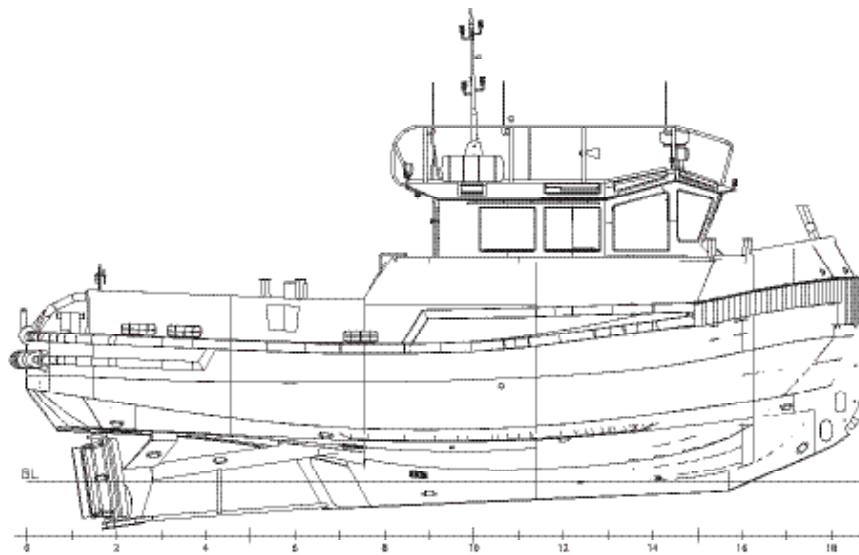
Features:

- Compact and efficient design.
- Spacious aft deck.
- Proven design line-handling tugs.

LINE HANDLING BOATS

New Dolphin TS 1500





PILOT BOATS

RAven 1200



LOA	: 12.33 m
BEAM	: 4.60 m
DRAUGHT, MAX [depends on propeller dia]	: 0.54 m
MAX.SPEED	: 30.00 knots
MAIN ENGINES	: High speed engines up to 320 bkW
PROPULSION	: Water Jets
BUILDING MATERIAL	: Aluminium

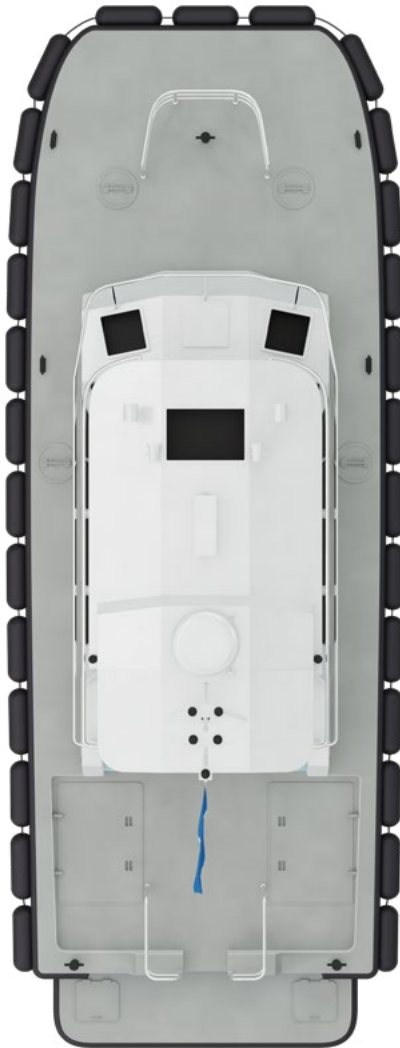


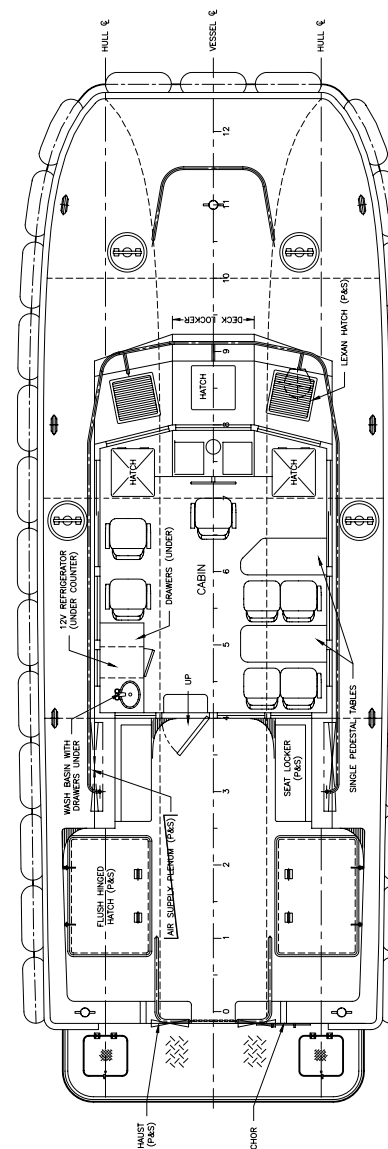
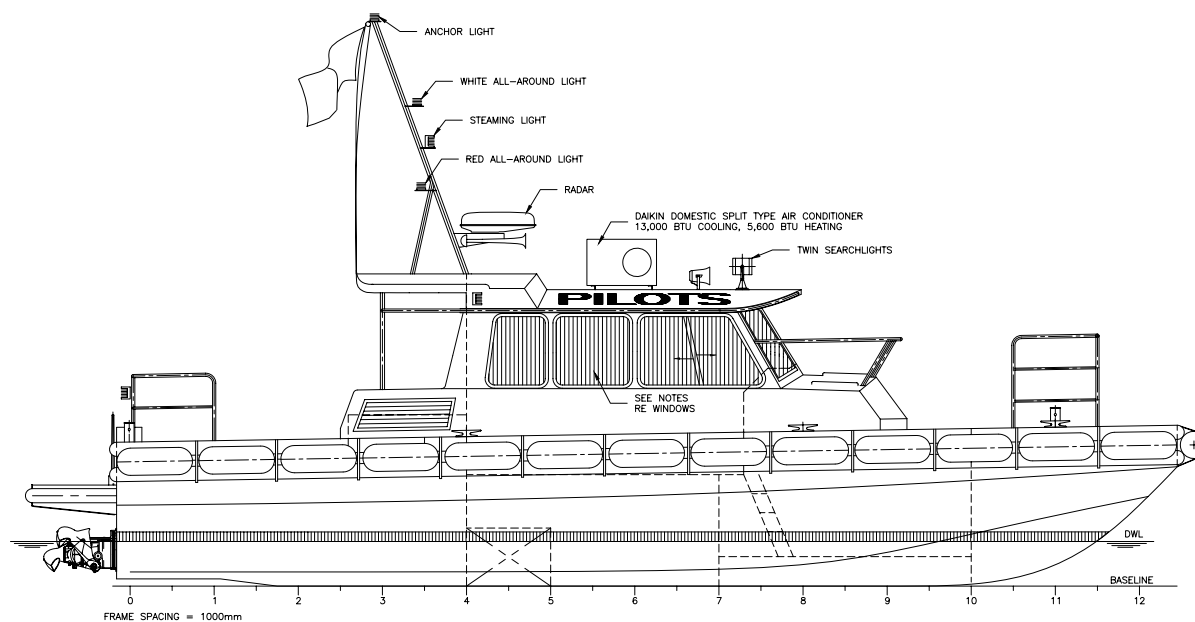
Features:

- Specially designed catamaran form.
- The catamaran platform is ideally suited to a wide range of pilot/crew transfer functions.
- Provides more stability.
- More useable space for crew.
- Suitable wide range of patrol functions.
- Higher operational functions than a monohull of equal speed and performance.

PILOT BOATS

RAven 1200





PILOT BOATS

RAven 1500



LOA	: 13.50 m
BEAM	: 4.60 m
DRAUGHT, MAX [depends on propeller dia]	: 0.94 m
MAX.SPEED	: 30.00 knots
MAIN ENGINES	: High speed engines up to 375 bkW
PROPULSION	: Water Jets
BUILDING MATERIAL	: Aluminium

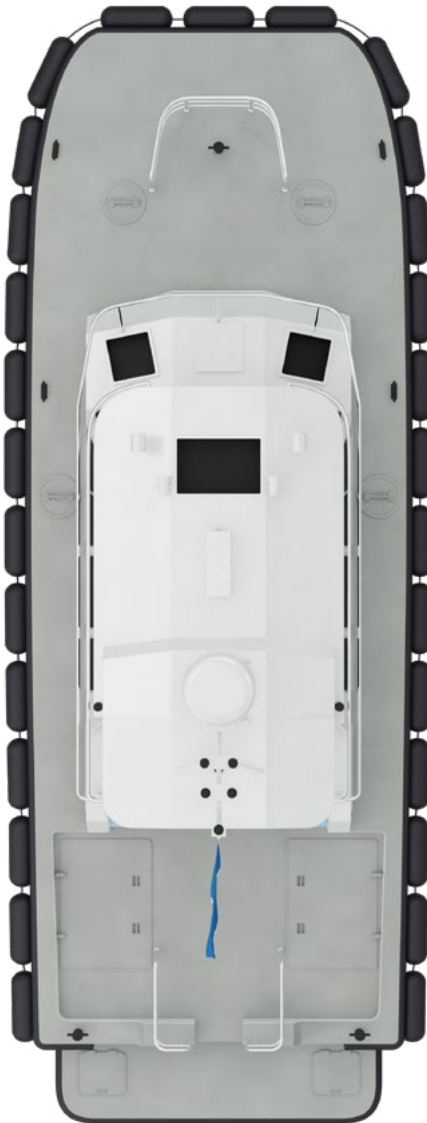


Features:

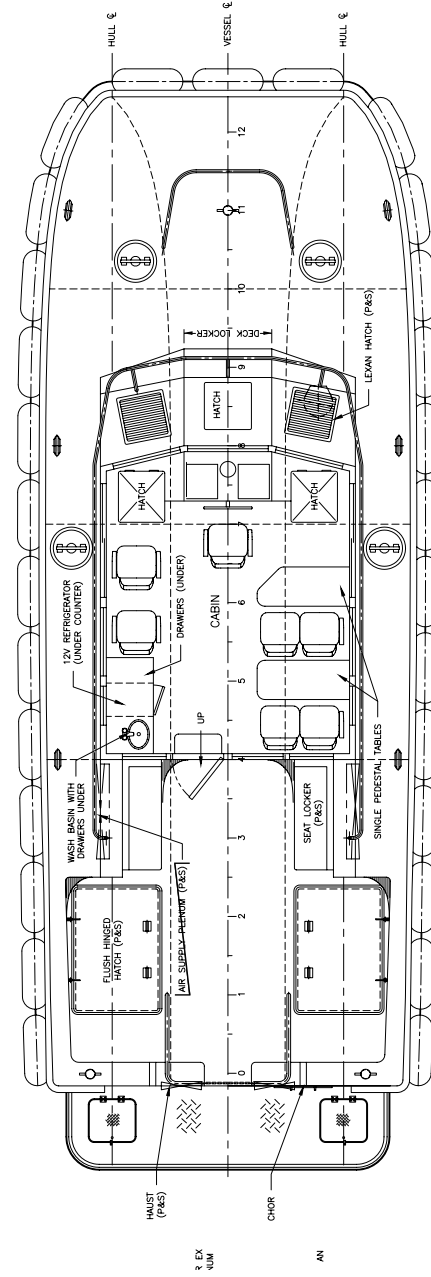
- Specially designed catamaran form.
- The catamaran platform is ideally suited to a wide range of pilot/crew transfer functions.
- Higher operational functions than a monohull of equal speed and performance.
- Provides more stability.
- More useable space for crew.
- Suitable wide range of patrol functions.
- The catamaran platform is ideally suited to a wide range of pilot/crew transfer functions.

PILOT BOATS

RAven 1500

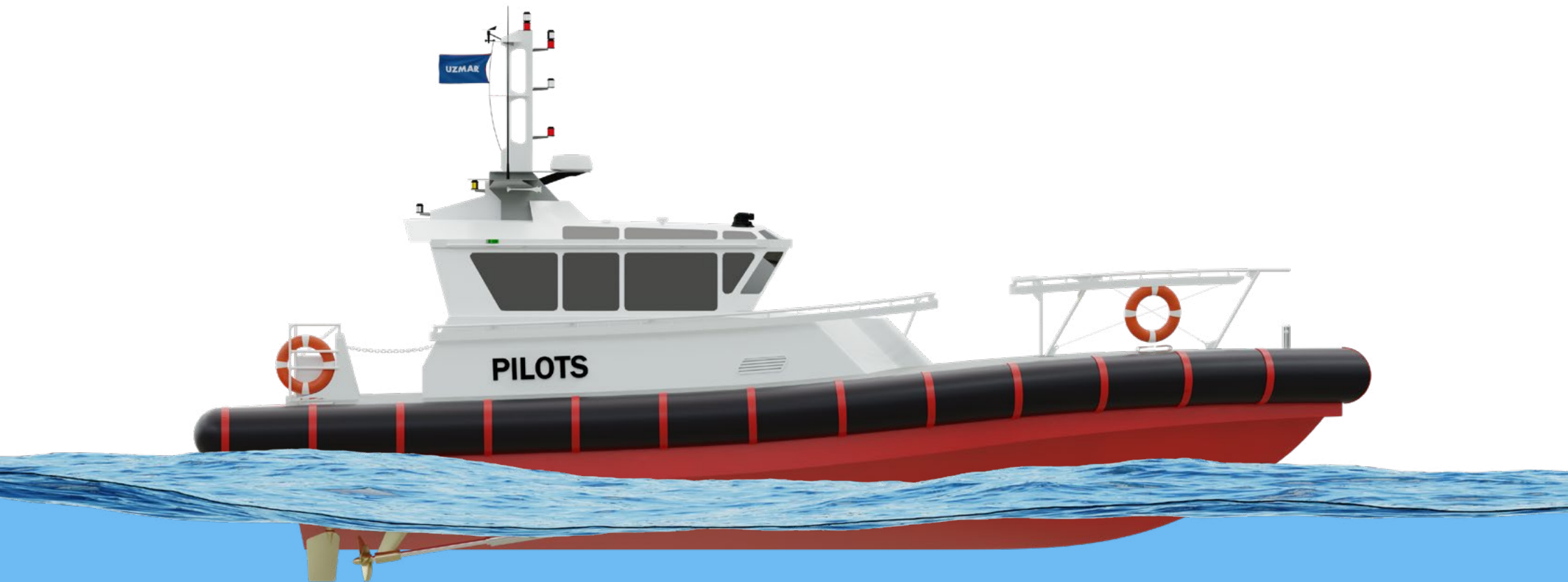


DESİNGNDAN BEKLENİYOR



PILOT BOATS

PB 1500



LOA	: 15 m
BEAM	: 5 m
DRAUGHT, MAX [depends on propeller dia]	: 1,2 m
MAX.SPEED	: 30.00 knots
MAIN ENGINES	: 2*Twin Scania DI13 072M
PROPULSION	: 2*4-Blade Austral CompuQuad props



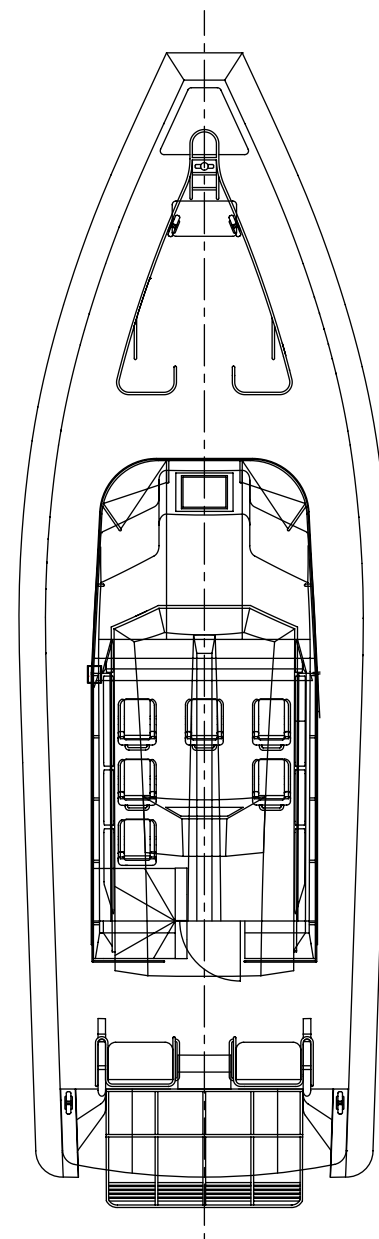
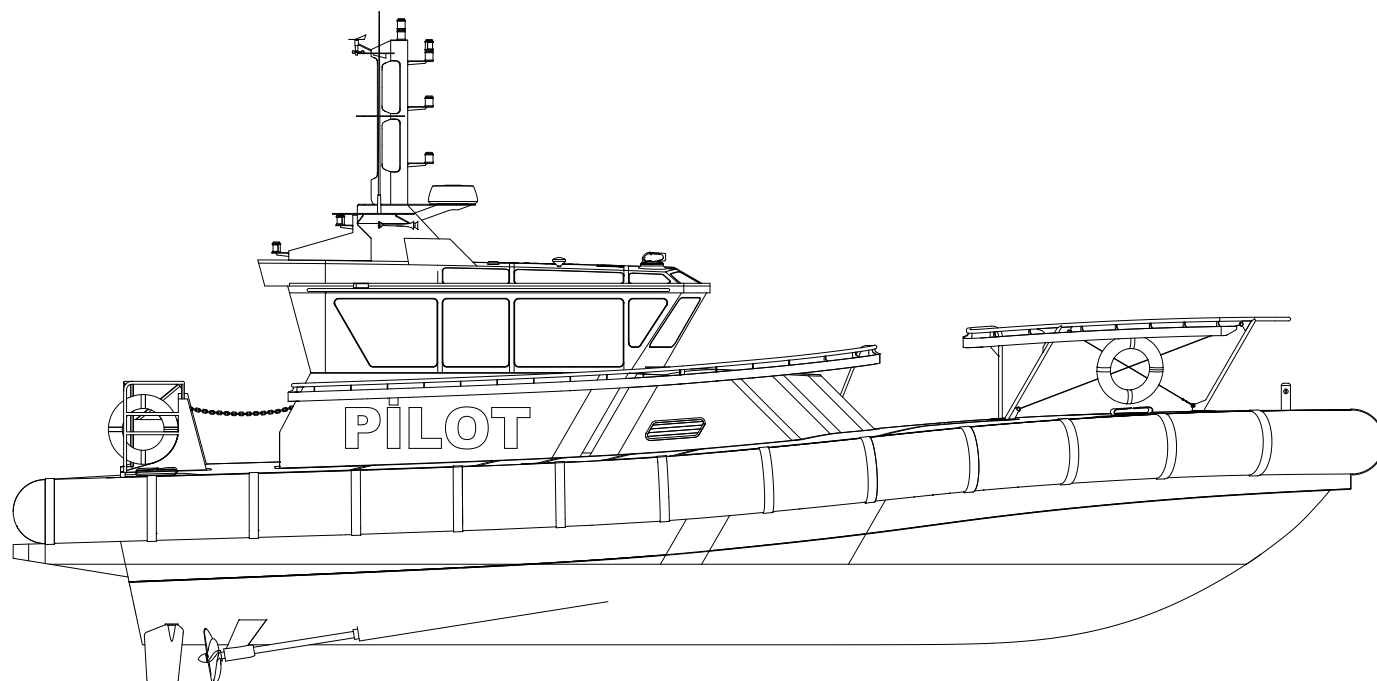
Features:

- Designs are available in either aluminum or steel construction, depending upon speed and duty requirements.
- High maneuverability.
- High speed and perfect sea-keeping.
- Can be tailored to suit any specific operational need.

PILOT BOATS

PB 1500





PILOT BOATS

PB 2100



LOA	: 20.50 m
BEAM	: 5.50 m
DRAUGHT, MAX [depends on propeller dia]	: 1.61 m
MAX.SPEED	: 20.00 knots
MAIN ENGINES	: High speed engines up to 670 bkW
PROPULSION	: Conventional fixed pitch propeller



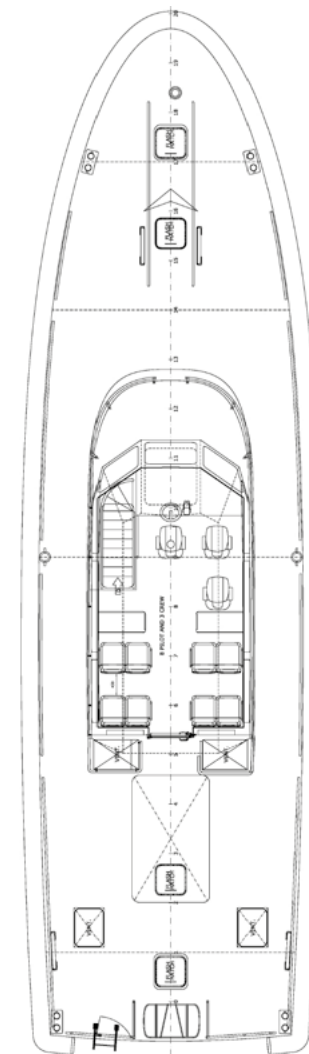
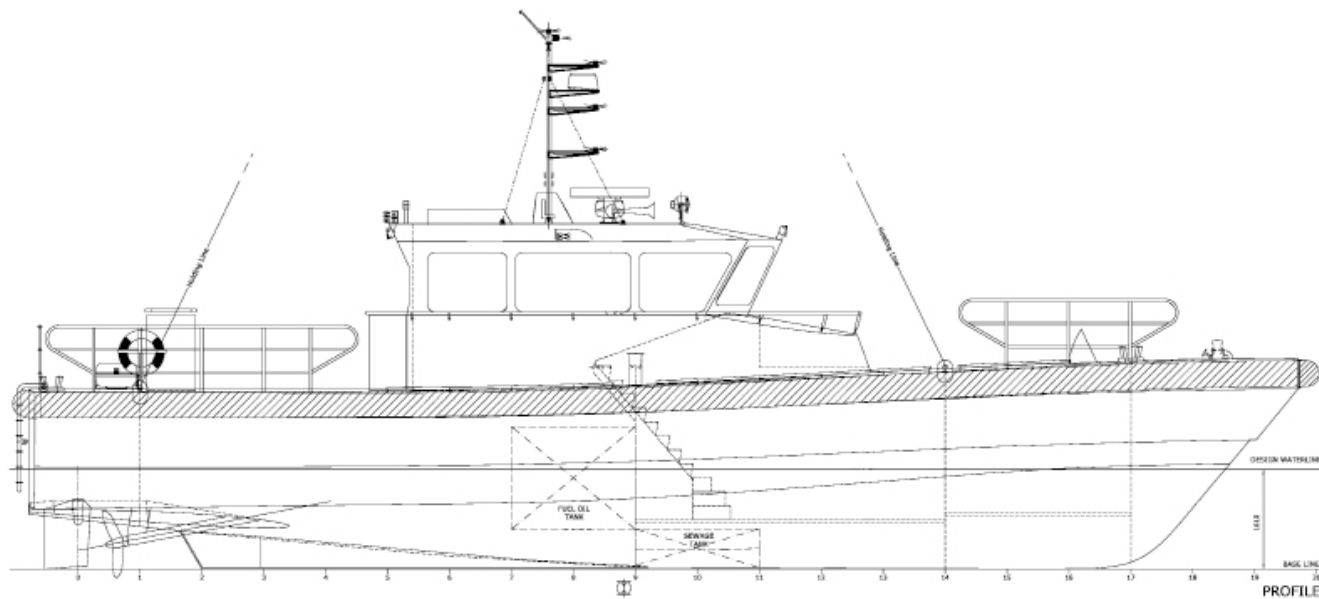
Features:

- Can be tailored to suit any specific operational need.
- High maneuverability.
- High speed and perfect sea-keeping.
- Designs are available in either aluminum or steel construction, depending upon speed and duty requirements.

PILOT BOATS

PB 2100





PILOT BOATS

UZM 1200



LOA :	: 12 m
BEAM	: 3.5 m
DRAUGHT, MAX [depends on propeller dia]	: 0.8 m
MAX.SPEED	: 25 knots
MAIN ENGINES	: 2x224 kW
PROPULSION	: Conventional fixed pitch propeller



- Features:
- Can be tailored to suit any specific operational need.
- High maneuverability.
- High speed and perfect sea-keeping.
- Designs are available in either aluminum or steel construction, depending upon speed and duty requirements.

PILOT BOATS

UZM 1200



ALUMINUM HIGH SPEED FIREBOAT

Ranger J-2400



LOA	: 24.0 m
BREADTH, MODULED	: 6.95 m
DEPTH, AMIDSHIPS	: 3.1 m
DRAFT, NAVIGATIONAL	: 1.0 m
FUEL OIL	: 13.700 litres
FRESH WATER	: 1000 litres
CREW	: 4-6 persons
SPEED	: 35 knots
RANGE	: 300 n.m. at economical cruising speed



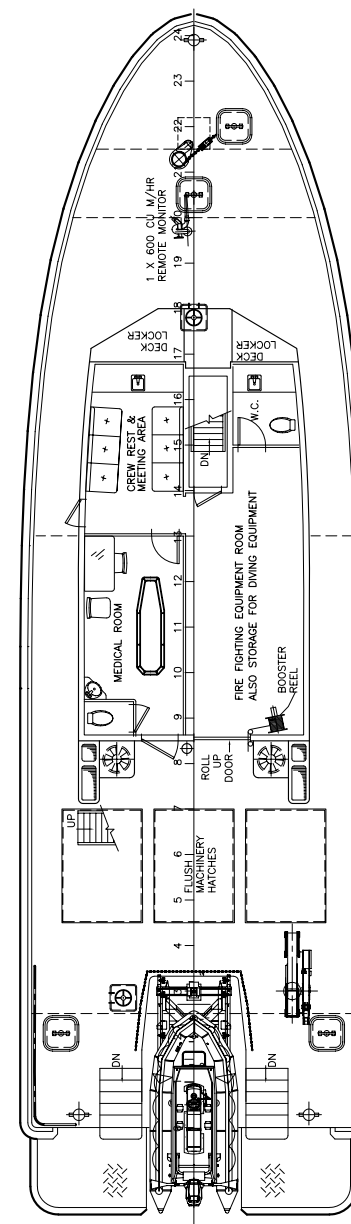
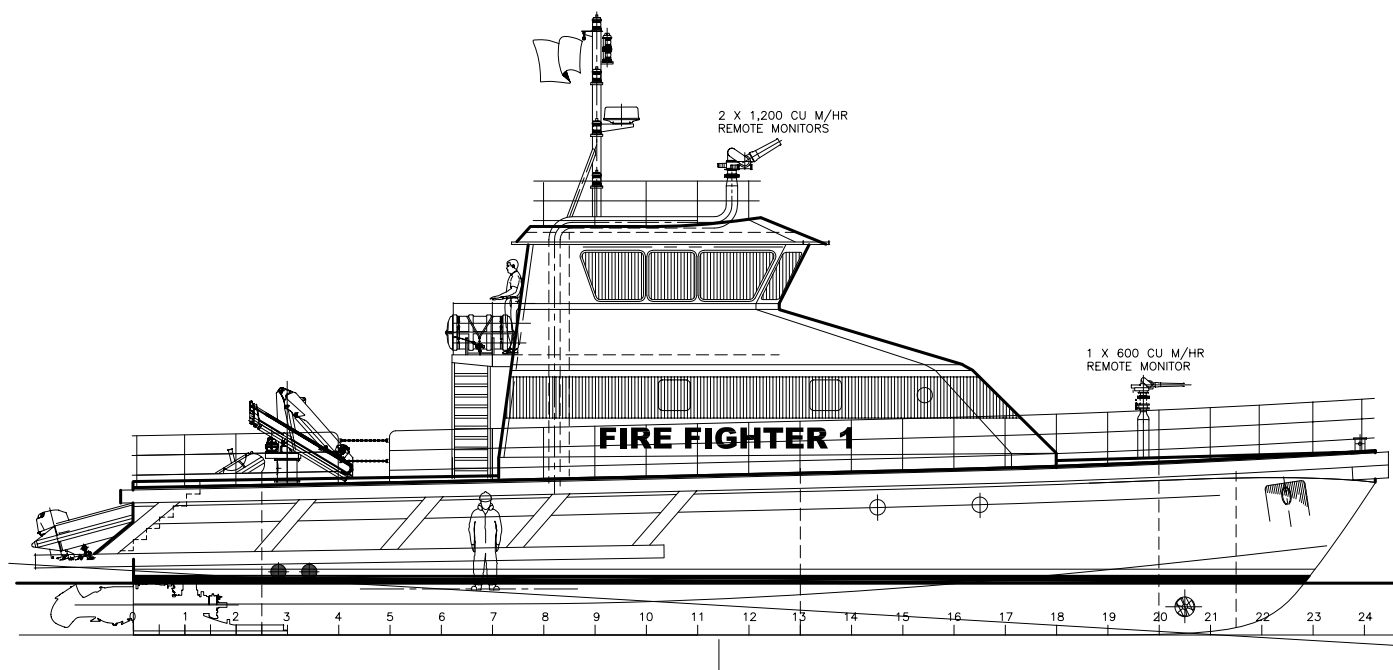
Features:

- Can serve as primary response vessels for any local emergency actions requiring water-based control.
- Rescue Boat with aft launching ramp.
- Deck Crane
- Aft Diver Platform
- Fire Fighter 1 (FiFi 1)
- Search and rescue, fire-fighting and diving operations.
- Customized, high-performance fireboat

ALUMINUM HIGH SPEED FIREBOAT

RAnger J-2400





UNMANNED - AUTONOMOUS Marine Vessels



LOA	: 12.0 m
BEAM	: 3.5 m
Lightship	: 8500 kg
DRAUGHT, MAX: [depends on propeller dia]	: 0.8 m
MAX.SPEED	: 25 knots
RANGE	: 120 n.m
MAIN ENGINES	: 2x224 kw
GENERATOR	: 10 kW
FUEL CAPACITY (M³)	: 1000 lt
FRESH WATER CAPACITY (M³)	: 100 lt
BUILDING MATERIAL	: Aluminium



Features:

- Ideally suited for search and rescue, emergency response,
- fire fighting, hydrographic research, ROV support duties. Navigational RADAR and AIS
- Electro Optical Camera
- Sonar
- Transducer
- High Speed Data and Image Communication
- Emergency Communication System
- Mission Planner
- DGPS
- Thermal Camera
- LIDAR

UNMANNED - AUTONOMOUS Marine Vessels



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