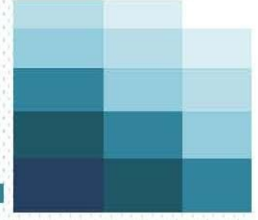


VOLMARINE



SHIP TECHNOLOGIES

DESIGN-CONSULTANCY-CONSTRUCTION-MACHINERY

NAVAL ARCHITECTURE & MARINE ENGINEERING OFFICE

PRESENTATION BROCHURE & SHIP DESIGN PORTFOLIO

Web : www.vol-marine.com
E-mail : volkan@vol-marine.com
E-mail : info@vol-marine.com
Tel : +90 536 377 32 33
Facebook : Volmarine-Ship-Technologies-Gemi-Dizayn-Ofisi
Adress : VARYAP PLAZA PENDİK
Esenyalı Mahallesi, Uygar Sokak, No:61, Ofis No:74
PENDİK / İSTANBUL / TURKEY

About Us:

VOLMARINE is a naval architecture & marine engineering company located at Istanbul Turkey. Our main objectives are to design effective and efficient commercial vessels; planning and managing ship building operations within feasible time and quality.

Our Field of Activity:

Ship Design:

- Merchant Ship Design
- Tanker Ship Design
- Passenger Ship Design
- Work Boat Design
- Fishing Vessel Design
- Ship Hull Form Design
- Inclining Experiment Calculations
- Ship Stability Calculations
- Construction Scantling Calculations
- Power-Resistance Predictions
- Class Drawings and Booklet Preparations

Project Management & Planning:

- Commercial Ship Design
- Tanker Ship Design
- Passenger Ship Design
- Work Boat Design
- Fishing Vessel Design
- Ship Hull Form Design
- Inclining Experiment Calculations
- Ship Stability Calculations
- Construction Scantling Calculations
- Power-Resistance Predictions
- Class Drawings and Booklet Preparations

Our Ship Design Capabilities

Various types of ship designs available for efficiency, seakeeping, speed, high capacity & safety, according to the purpose of the vessel. Tanker design, dry cargo ship design, general cargo ship design, container ship design, bulk carrier design, passenger ship design, fishing vessel design, service boat design, workboat design, supply boat design, crew boat design, dinner cruise boat design, etc. according to the objective of customers within engineering principles, ship classification authorities rules, statutory rules, flag state rules & regulations.

In this presentation brochure, you can see some of our sample ship design works.

OUR CERTIFICATES:

2017



TÜRK MÜHENDİS VE MİMAR ODALARI BİRLİĞİ
GEMİ MÜHENDİSLERİ ODASI
SERBEST GEMİ MÜHENDİSİ
TESCİL BELGESİ
GMO Sicil No: 1641

Adı
Mustafa Volkan ESATOĞLU
Serbest Gemi Mühendisi Tescil No
SGM.194

Yukarıda adı verilmiş olan Gemi Mühendisi, *TMMOB Gemi Mühendisleri Odası Serbest Mühendislik, Müşavirlik Hizmetleri, Büro Tescil ve Mesleki Denetim Yönetmeliği* hükümleri uyarınca Serbest Gemi Mühendisi olarak tescil edilmiştir.

Verildiği Tarih : 15.02.2017
Geçerlilik Tarihi : 31.12.2017

TMMOB
GEMİ MÜHENDİSLERİ ODASI
GENEL BAŞKAN



2017



TÜRK MÜHENDİS VE MİMAR ODALARI BİRLİĞİ
GEMİ MÜHENDİSLERİ ODASI
SERBEST MÜŞAVİRLİK MÜHENDİSLİK BÜROSU
BÜRO TESCİL BELGESİ

Adı/Ünvanı
VOLMARINE Gemi Teknolojileri
Tescil No:
01-159

TESCİLE ESAS SGM'LERİNİN

	Adı, Soyadı	Oda Sicil No.
1-	Mustafa Volkan ESATOĞLU	2 1 8 4
2-		
3-		

Yukarıda adı/ünvanı verilmiş olan Serbest Gemi Mühendisliği Bürosu, *TMMOB Gemi Mühendisleri Odası Serbest Mühendislik, Müşavirlik Hizmetleri, Büro Tescil ve Mesleki Denetim Yönetmeliği* hükümleri uyarınca tescil edilmiştir.

Verildiği Tarih : 15.02.2017
Geçerlilik Tarihi : 31.12.2017

TMMOB
GEMİ MÜHENDİSLERİ ODASI
GENEL BAŞKAN



TMMOB GEMİ MÜHENDİSLERİ ODASI Anayasası'nın 135. maddesinde belirtilenler, 6235 (7303) sayılı yasa ile kurulmuş kanun kuruluşunda bir meslek örgütüdür.



TÜRK MÜHENDİS VE MİMAR ODALARI BİRLİĞİ
GEMİ MÜHENDİSLERİ ODASI
KATILIM BELGESİ
Belge No: 48.005
2184 Sicil Numaralı Üyemiz
Sayın
Mustafa Volkan ESATOĞLU
GEMİSEM tarafından düzenlenen
SERBEST GEMİ MÜHENDİSLİĞİ HİZMETLERİ VE
UYGULAMA ESASLARI
Meslek İçi Temel Eğitime Katılmıştır.
10 Şubat 2017
Gemi Mühendisleri Odası Genel Merkez
İstanbul

Saliha BOSTANCI
GEMİ MÜHENDİSLERİ ODASI
GENEL SEKRETER

Galip GÜNGÖRDÜ
GEMİ MÜHENDİSLERİ ODASI
YÖKTEMEN




TMMOB GEMİ MÜHENDİSLERİ ODASI Anayasası'nın 135. maddesinde belirtilenler, 6235 (7303) sayılı yasa ile kurulmuş kanun kuruluşunda bir meslek örgütüdür.

2017



TÜRK MÜHENDİS VE MİMAR ODALARI BİRLİĞİ
GEMİ MÜHENDİSLERİ ODASI
GEMİ KONTROLÜNE YETKİLİ
MÜHENDİS
BELGESİ
GMO Sicil No: 2184

Adı
Mustafa Volkan ESATOĞLU
Gemi Kontrolüne Yetkili Mühendis Belge No
GKYM.86

Yukarıda adı verilmiş olan Gemi Mühendisi'ne, *TMMOB Gemi Mühendisleri Odası Gemi Kontrolü Yetkilendirme Yönetmeliği* hükümleri uyarınca Gemi Kontrolüne Yetkili Mühendis belgesi verilmiştir.

Geçerlilik Tarihi : 31.12.2017

TMMOB
GEMİ MÜHENDİSLERİ ODASI
GENEL BAŞKAN



TMMOB GEMİ MÜHENDİSLERİ ODASI Anayasası'nın 135. maddesinde belirtilenler, 6235 (7303) sayılı yasa ile kurulmuş kanun kuruluşunda bir meslek örgütüdür.

15M SUPPLY VESSEL:



DESIGN CONSULTANCY CONSTRUCTION MACHINERY



www.vol-marine.com

volkan@vol-marine.com

15m SUPPLYVESSEL

LOA: 15 M
B: 6 M
D: 2.8 M
T: 1.5 M
TOTAL DISPLACEMENT: 45 TON
STEEL WEIGHT: 34 TON
SPEED: 14 KNOT
POWER: 1x 400 HP



DESIGN CONSULTANCY CONSTRUCTION MACHINERY

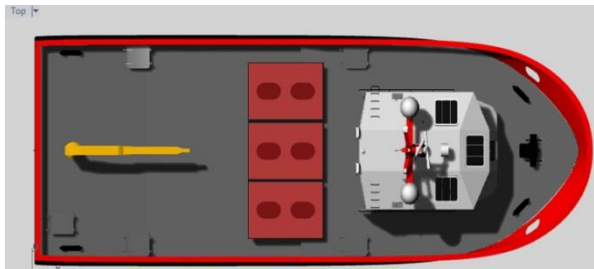


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volkan@vol-marine.com

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DESIGN CONSULTANCY CONSTRUCTION MACHINERY

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POWER: 1x 400 HP



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18M SUPPLY VESSEL TYPE-1:

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18m SUPPLY VESSEL

LOA: 18M
B: 8 M
D: 3.5 M
T: 2.1 M
TOTAL DISPLACEMENT: 122 TON
STEEL WEIGHT: 65 TON
SPEED: 14 KNOT
POWER: 1x 700HP

volkan@vol-marine.com

VOLMARINE
SHIP TECHNOLOGIES

DESIGN CONSULTANCY CONSTRUCTION MACHINERY

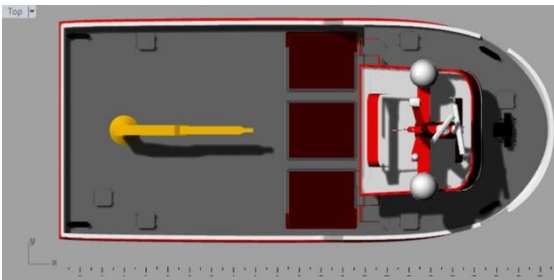


www.vol-marine.com

18m SUPPLY VESSEL

LOA: 18M
B: 8 M
D: 3.5 M
T: 2.1 M
TOTAL DISPLACEMENT: 122 TON
STEEL WEIGHT: 65 TON
SPEED: 14 KNOT
POWER: 1x 700HP

volkan@vol-marine.com



Perspective

VOLMARINE
SHIP TECHNOLOGIES

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Right

18m SUPPLY VESSEL

LOA: 18M
B: 8 M
D: 3.5 M
T: 2.1 M
TOTAL DISPLACEMENT: 122 TON
STEEL WEIGHT: 65 TON
SPEED: 14 KNOT
POWER: 1x 700HP



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volkan@vol-marine.com

18M SUPPLY VESSEL TYPE-2 (WITH BULB) :



DESIGN CONSULTANCY CONSTRUCTION MACHINERY



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18m SUPPLY VESSEL VERSION WITH BULB

LOA: 18M
B: 8 M
D: 3.5 M
T: 2.1 M
TOTAL DISPLACEMENT: 1127 TON
STEEL WEIGHT: 68 TON
SPEED: 14 KNOT
POWER: 1x 700HP

volkan@vol-marine.com



DESIGN CONSULTANCY CONSTRUCTION MACHINERY



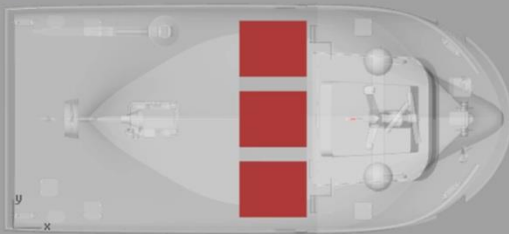
www.vol-marine.com

18m SUPPLY VESSEL VERSION WITH BULB

LOA: 18M
B: 8 M
D: 3.5 M
T: 2.1 M
TOTAL DISPLACEMENT: 1127 TON
STEEL WEIGHT: 68 TON
SPEED: 14 KNOT
POWER: 1x 700HP

volkan@vol-marine.com

Top



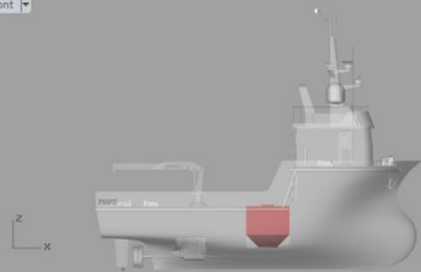
Perspective



DESIGN CONSULTANCY CONSTRUCTION MACHINERY



Front



Right

18m SUPPLY VESSEL VERSION WITH BULB

LOA: 18M
B: 8 M
D: 3.5 M
T: 2.1 M
TOTAL DISPLACEMENT: 1127 TON
STEEL WEIGHT: 68 TON
SPEED: 14 KNOT
POWER: 1x 700HP

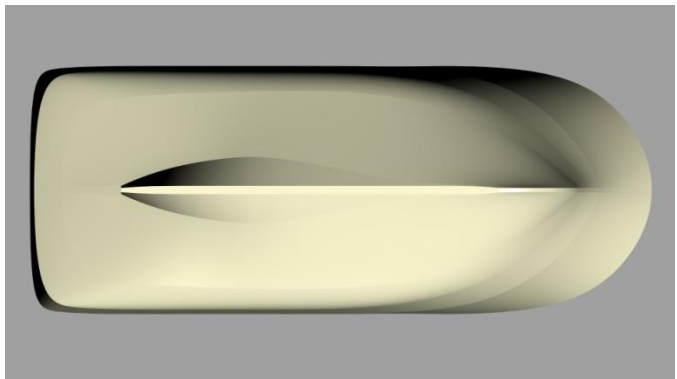
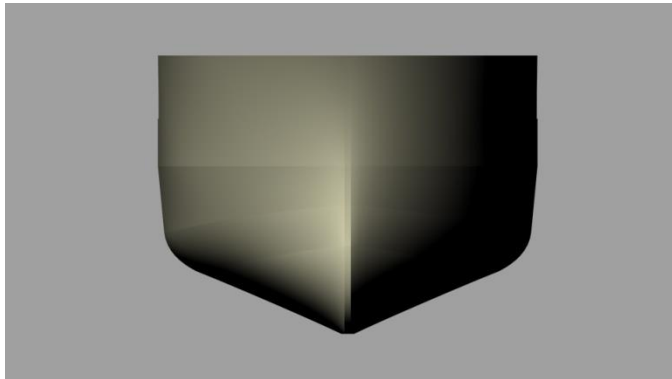
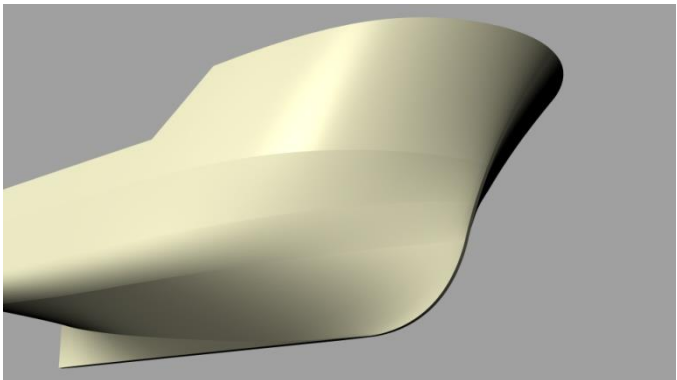
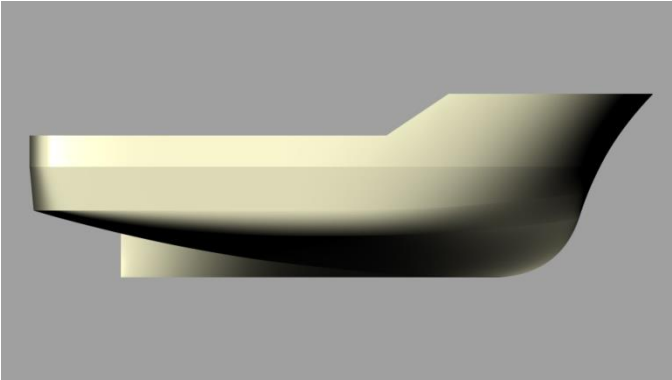


www.vol-marine.com

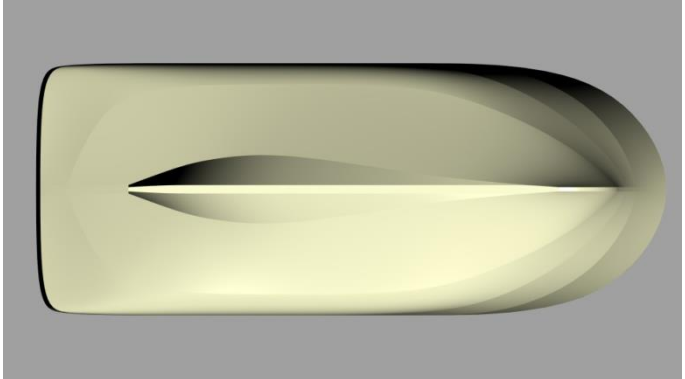
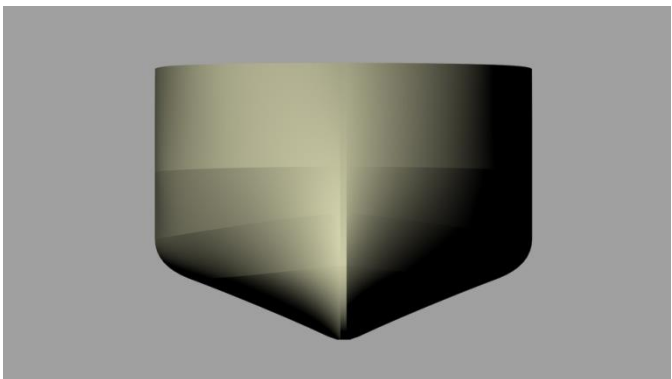
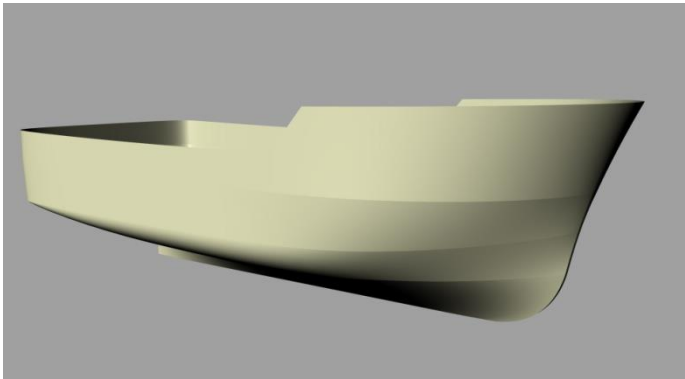
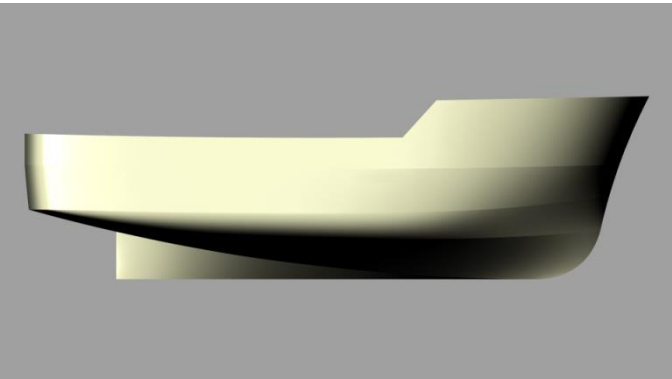
volkan@vol-marine.com

15M FISHING VESSEL PARAMETRIC HULL FORMS:

TYPE-01:



TYPE-02:



20M FISHING VESSEL

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20m FISHING VESSEL

LOA: 20.4 M
B: 6.50 M
D: 3.10 M
T: 5.10 M
TOTAL DISPLACEMENT: 115 TON
STEEL WEIGHT: 85 TON
SPEED: 11 KNOT
POWER: 1 x 600HP

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20m FISHING VESSEL

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POWER: 1 x 600HP

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TOTAL DISPLACEMENT: 115 TON
STEEL WEIGHT: 85 TON
SPEED: 11 KNOT
POWER: 1 x 600HP

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volkan@vol-marine.com

24M CATAMARAN FISH FEEDER SHIP:



DESIGN CONSULTANCY CONSTRUCTION MACHINERY



24m CATAMARAN FISH FEEDER SHIP

LOA: 23.90M
B: 1.9 M
D: 4.5 M
T: 1.8 M
TOTAL DISPLACEMENT: 238TON
STEEL WEIGHT: 140TON
SPEED: 10 KNOT
POWER: 2x 650HP

www.vol-marine.com

volkan@vol-marine.com



DESIGN CONSULTANCY CONSTRUCTION MACHINERY



24m CATAMARAN FISH FEEDER SHIP

LOA: 23.90M
B: 1.9 M
D: 4.5 M
T: 1.8 M
TOTAL DISPLACEMENT: 238TON
STEEL WEIGHT: 140TON
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POWER: 2x 650HP

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volkan@vol-marine.com



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D: 4.5 M
T: 1.8 M
TOTAL DISPLACEMENT: 238TON
STEEL WEIGHT: 140TON
SPEED: 10 KNOT
POWER: 2x 650HP

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24M FISHING VESSEL:

VOLMARINE
SHIP TECHNOLOGIES

DESIGN CONSULTANCY CONSTRUCTION MACHINERY

24m FISHING VESSEL

LDA: 23.90 M
B: 8.30 M
D: 3.40 M
TL: 2.30 M
TOTAL DISPLACEMENT: 120 TON
STEEL WEIGHT: 110 TON
SPEED: 13 KNOT
POWER: 1 x 900 HP

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32M PASSENGER – RESTAURANT BOAT



VOLMARINE
SHIP TECHNOLOGIES

DESIGN CONSULTANCY CONSTRUCTION MACHINERY



**32 M PASSENGER-
RESTAURANT SHIP**

LOA: 32 M
B: 8 M
D: 2.8M
T: 1.3 M
STEEL WEIGHT: 130 TON
SPEED: 12 KNOT
POWER: 2x 400HP

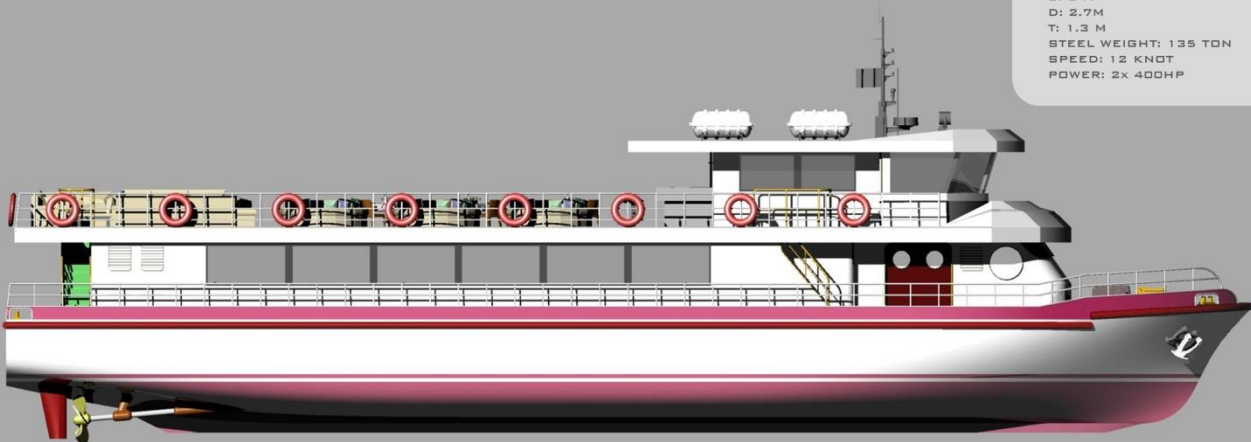
33M PASSENGER – RESTAURANT BOAT



DESIGN CONSULTANCY CONSTRUCTION MACHINERY

33 M PASSENGER- RESTAURANT SHIP

LOA: 33 M
B: 8 M
D: 2.7M
T: 1.3 M
STEEL WEIGHT: 135 TON
SPEED: 12 KNOT
POWER: 2x 400HP



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DESIGN CONSULTANCY CONSTRUCTION MACHINERY

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33 M PASSENGER- RESTAURANT SHIP

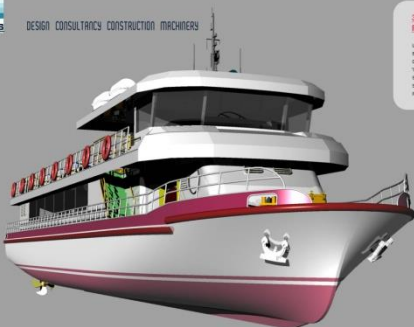
LOA: 33 M
B: 8 M
D: 2.7M
T: 1.3 M
STEEL WEIGHT: 135 TON
SPEED: 12 KNOT
POWER: 2x 400HP



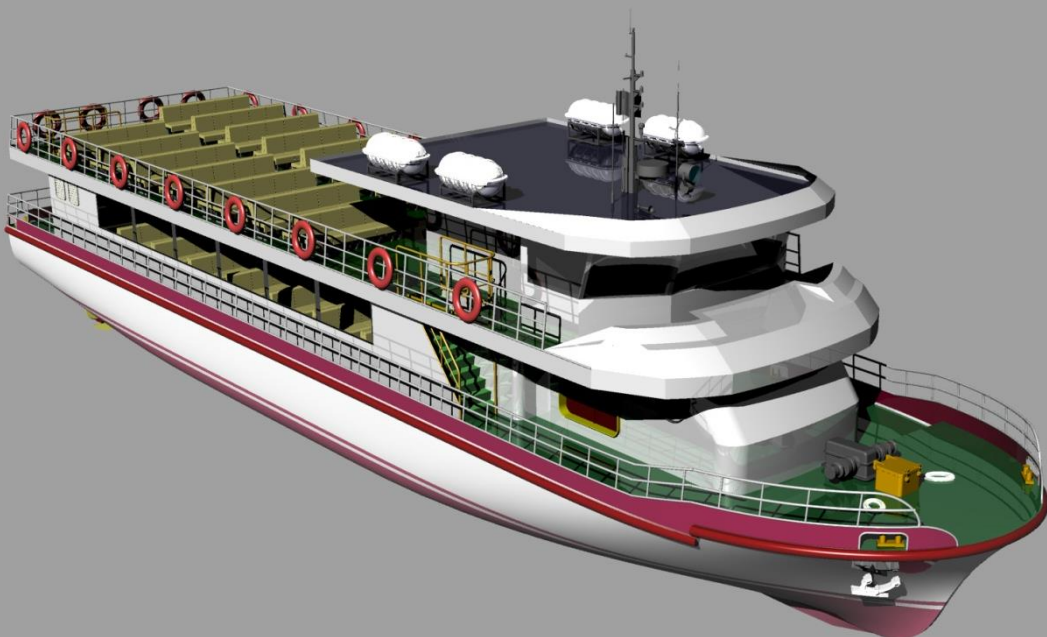
DESIGN CONSULTANCY CONSTRUCTION MACHINERY

33 M PASSENGER- RESTAURANT SHIP

LOA: 33 M
B: 8 M
D: 2.7M
T: 1.3 M
STEEL WEIGHT: 135 TON
SPEED: 12 KNOT
POWER: 2x 400HP



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42M CATAMARAN HIGH SPEED PASSENGER CRAFT



DESIGN CONSULTANCY CONSTRUCTION MACHINERY

42m CATAMARTAN
PASSENGER SHIP

LOA: 42 M
B: 12 M
D: 4.00 M
T: 1.5 M
TOTAL DISPLACEMENT: 1200 TON



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DESIGN CONSULTANCY CONSTRUCTION MACHINERY

42m CATAMARTAN
PASSENGER SHIP

LOA: 42 M
B: 12 M
D: 4.00 M
T: 1.5 M
TOTAL DISPLACEMENT: 1200 TON



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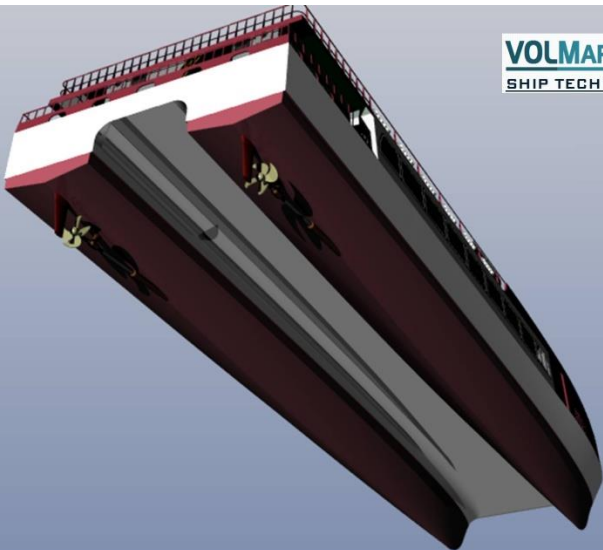
volkan@vol-marine.com



DESIGN CONSULTANCY CONSTRUCTION MACHINERY

42m CATAMARTAN
PASSENGER SHIP

LOA: 42 M
B: 12 M
D: 4.00 M
T: 1.5 M
TOTAL DISPLACEMENT: 1200 TON



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30M CATAMARAN HIGH SPEED CRAFT - CREW BOAT



DESIGN CONSULTANCY CONSTRUCTION MACHINERY

30 M CATAMARAN PASSENGER SHIP

LOA : 30 M
B : 10 M
D : 3.5 M
T : 1.5 M
HULL : ALUMINIUM
SUPERSTRUCTURE:ALUMINIUM
SPEED : 25 KNOT
POWER : 2x 1200 HP
PASSENGER :172 PAX



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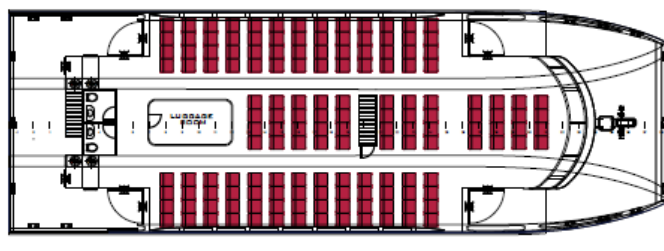
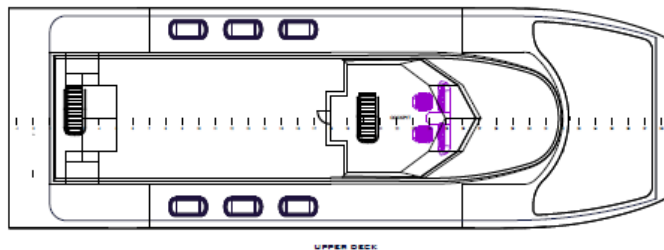
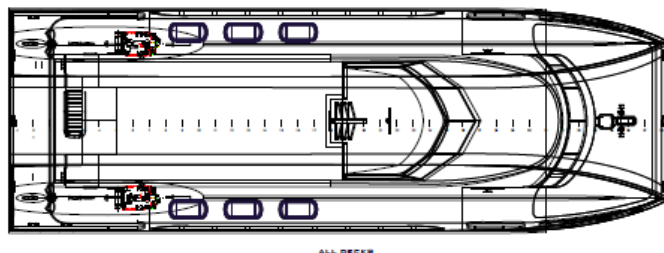
volkan@vol-marine.com





The figure displays four 3D CAD models of a ship hull, arranged in a 2x2 grid. Each model is shown with a coordinate system (X, Y, Z) and a scale bar.

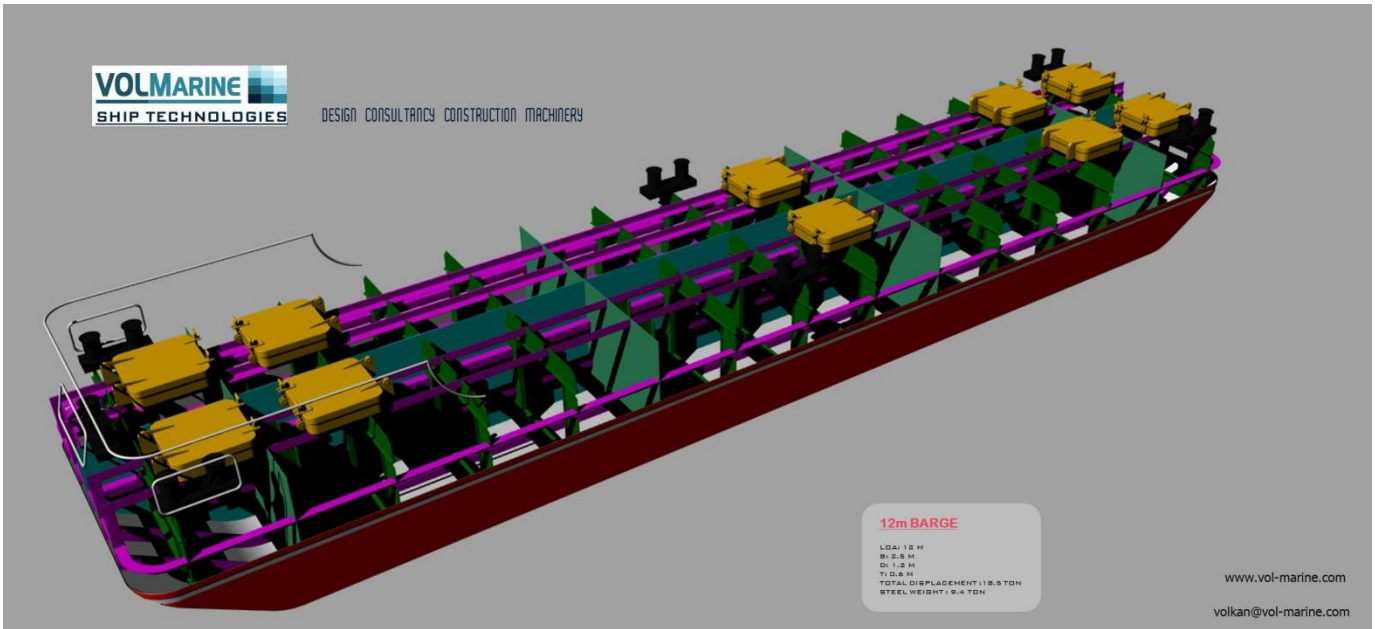
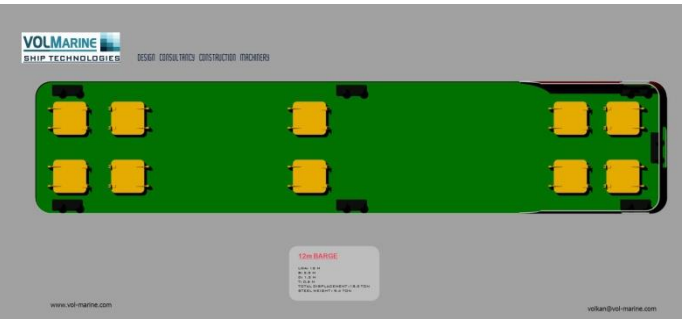
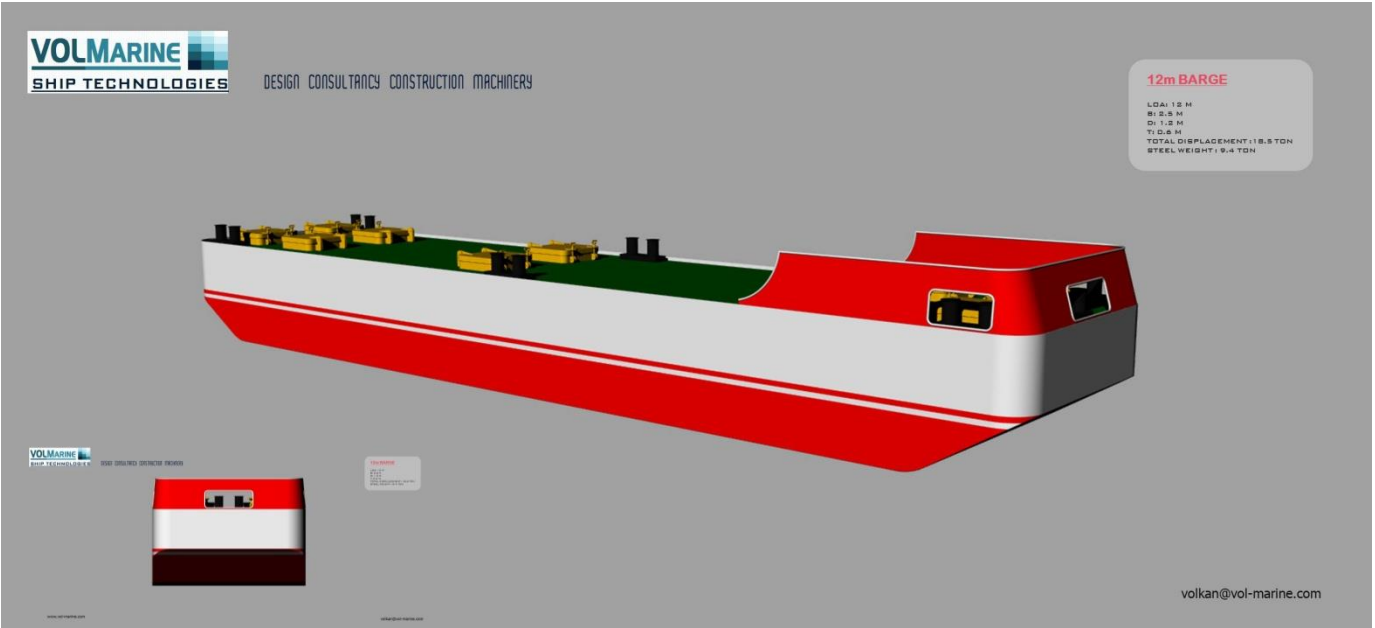
- Top View:** Shows the plan view of the hull, highlighting the internal structure and the arrangement of red vertical stripes along the deck.
- Perspective View:** Provides a three-dimensional view of the hull, showing the bow, stern, and side profile.
- Front View:** Shows the bow view of the hull, highlighting the internal structure and the arrangement of red vertical stripes.
- Right View:** Shows the starboard view of the hull, highlighting the internal structure and the arrangement of red vertical stripes.

The image displays three orthographic views of a motorboat, labeled AFT VIEW, PROFILE VIEW, and FRONT VIEW. The AFT VIEW shows the stern of the boat with a central transom, two outboard motors, and a cabin structure. The PROFILE VIEW shows the side of the boat, highlighting the hull shape, cabin windows, and the outboard motors. The FRONT VIEW shows the bow of the boat, featuring a wide transom, two outboard motors, and a cabin structure. The boat has a sleek, modern design with a white hull and a dark cabin.



ID		ID (Code)		ID	In
name		ID (Code)		ID	In
TITLE: HIGH SPEED CATAMARAN PASSENGER FERRY 1 CREW BOAT name: GENERAL ARRANGEMENT PLAN					
name					
name					date
name					date up
					web: www: www.vol-marine.com e-mail: volmar@vol-marine.com
DESIGN BY	DESIGN BY	DESIGN BY	DATE	DATE	DATE
10-01-2017	10-01-2017	10-01-2017	10-01-2017	10-01-2017	10-01-2017
					web: www: www.vol-marine.com e-mail: volmar@vol-marine.com

12M * 2.5M BARGE



32M WORKBOAT

VOLMARINE
SHIP TECHNOLOGIES

DESIGN CONSULTANCY CONSTRUCTION MACHINERY

32M BUOYLAYING VESSEL

LOA: 32 M
B: 6M
D: 3.8 M
T: 1.4 M
STEEL WEIGHT: 135 TON
SERVICE SPEED: 10 KNOT
POWER: 2x 470 HP

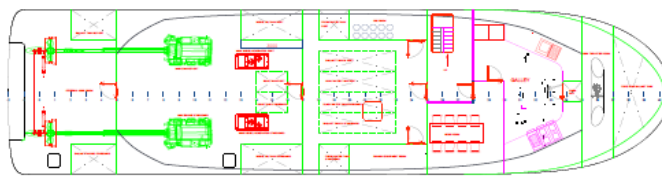
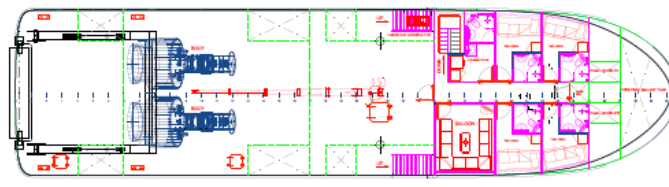
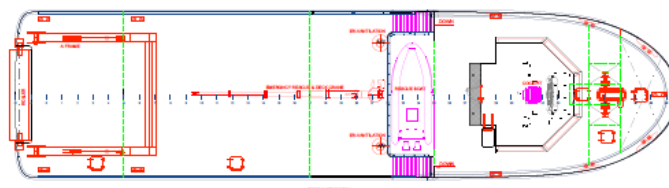


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A 3D rendering of a tugboat, viewed from the side. The boat has a white upper hull and a red lower hull. It features a yellow crane on the deck, a red container, and a white superstructure with a bridge. The boat is positioned on a grey background.



MAIN PARTICULARS:
Length Over All (LOA) : 32.00 m
Breath Moulded (B) : 8.00 m
Depth Moulded (D) : 2.80 m
Draught Moulded (T) : 1.40 m
FRAME SPACING : 750 mm
TOTAL DISPLACEMENT : 198 TON

HULL MATERIAL:
MAIN HULL : STEEL
SUPER STRUCTURE : STEEL

SPEED- POWER:
SERVICE SPEED: 10 KNOT
MAX SPEED : 12 KNOT +
MAIN PROPULSION POWER : 2x350 KW DIESEL ENGINE

CREW CAPACITY:
8 CREWS

TANK CAPACITY:
DIESEL OIL: 14 TON
FRESH WATER : 7.5 TON
BLACK & GREY WATER :3 TON
BILGE :1.2 TON

IN					
OUT	Start	Workload	ETA	ETD	

FORM 14-0010

BUOY LAYING SHIP


NAME: **GENERAL ARRANGEMENT PLAN**

OWNER: **SAGANAN SHIPYARD-TUBIGUY**

DESIGNER: **SAGANAN SHIPYARD**

DATE: YEAR:

SCALE:

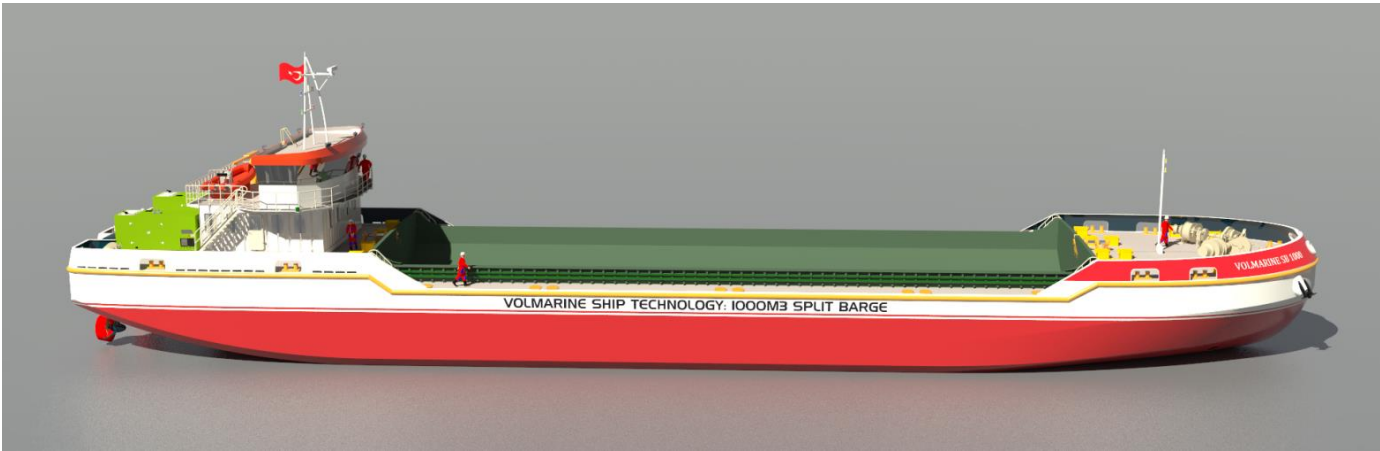


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SHIP TECHNOLOGIES
DESIGN CONSULTANCY CONSTRUCTION WORKSHOP

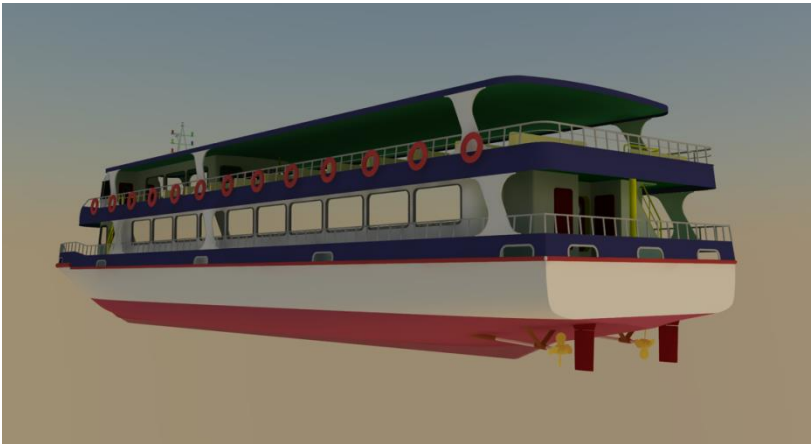
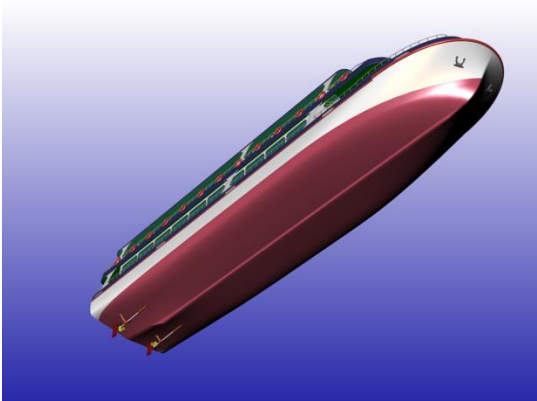
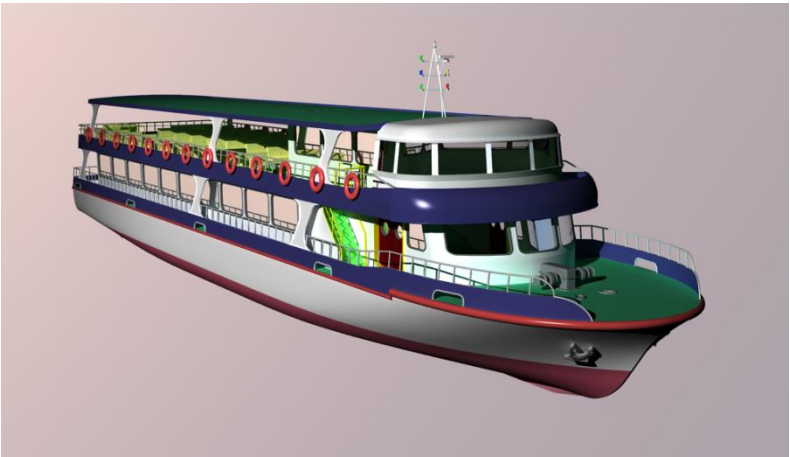
web: www.vol-marine.com
e-mail: volmar@vol-marine.com

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				DATE: <input type="text"/>	

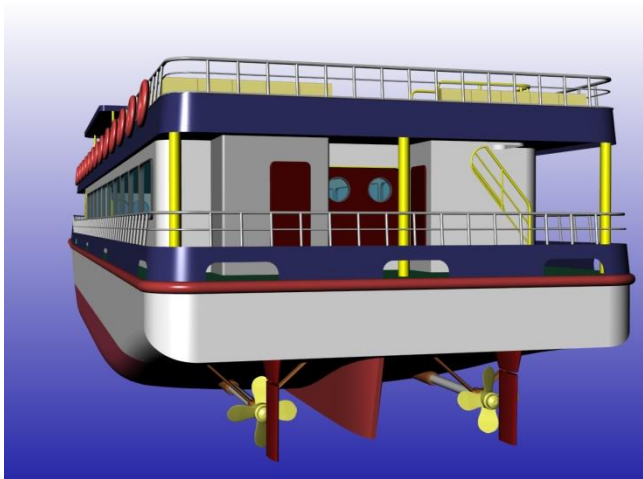
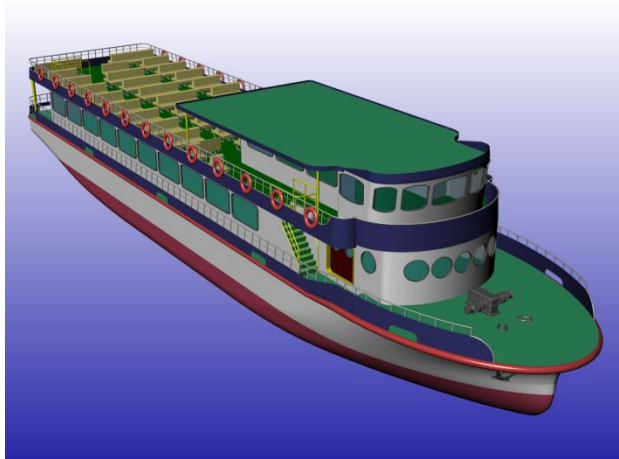
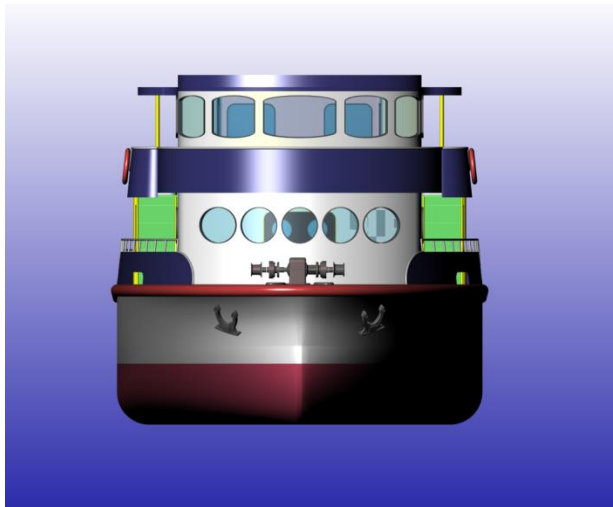
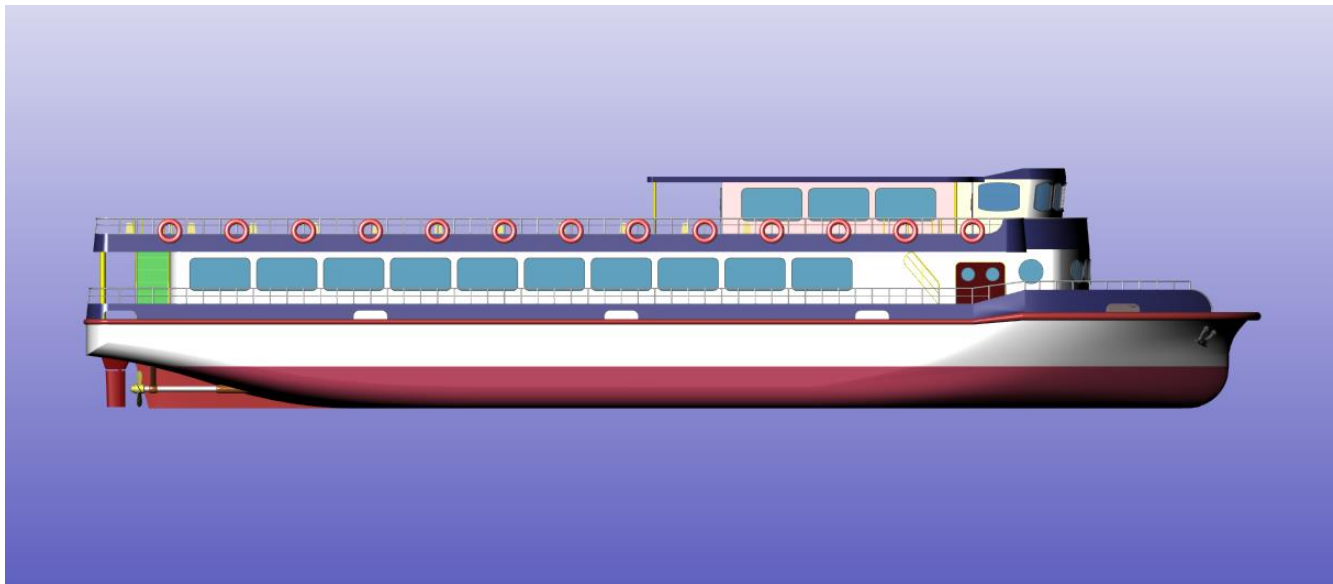
1000M3 CAPACITY 66M SPLIT BARGE



42M *9M PASSENGER BOAT CLASSIC STYLE



42M *9M PASSENGER BOAT ANTIQUE STYLE



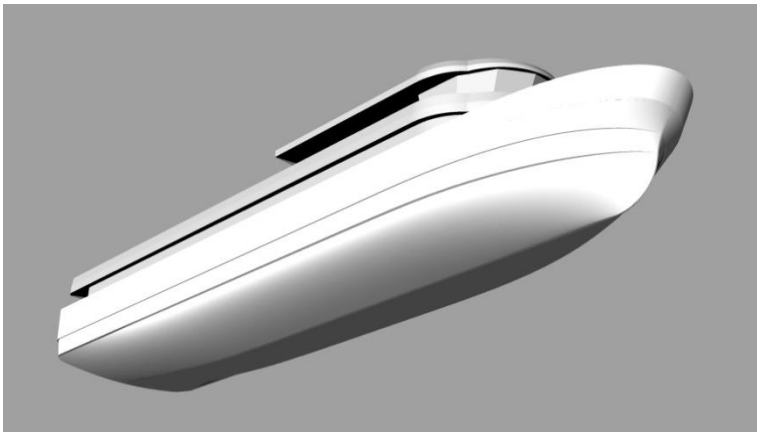
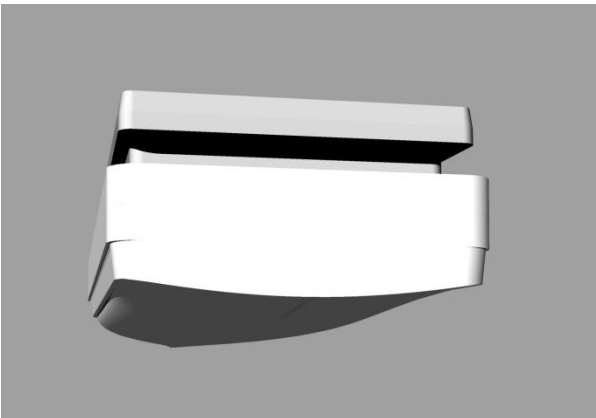
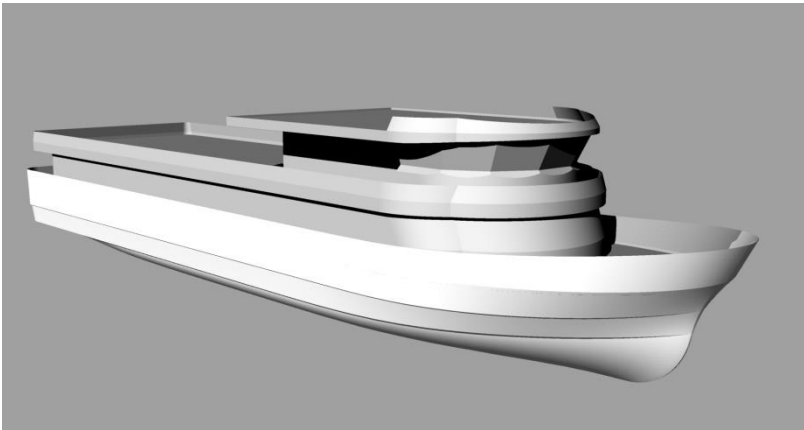
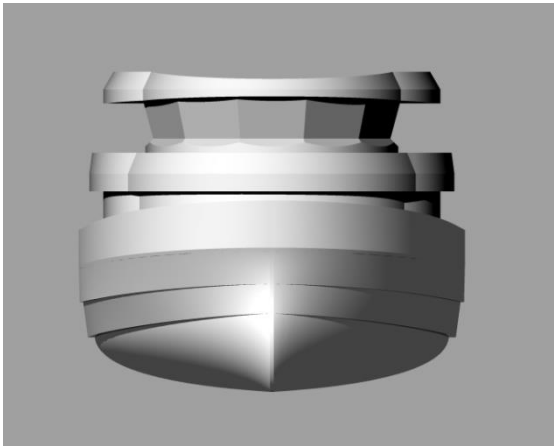
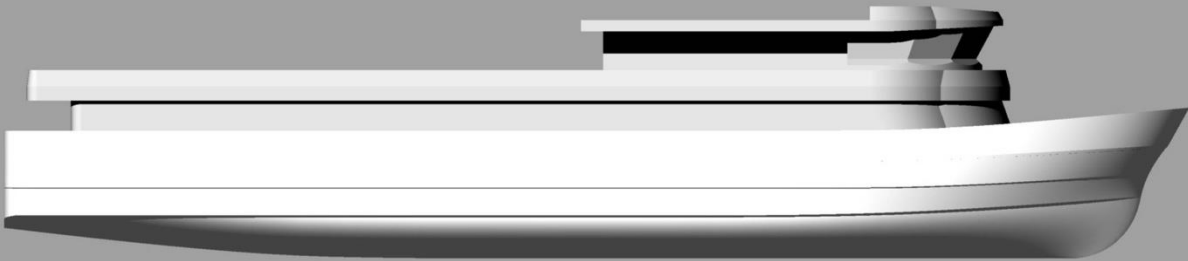
42M * 11M PASSENGER BOAT DOUBLE CHINE HULL CONCEPT



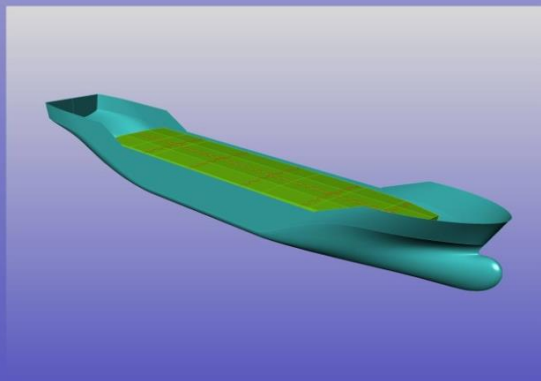
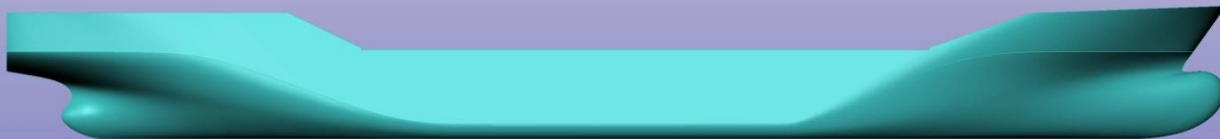
DESIGN CONSULTANCY CONSTRUCTION MACHINERY

**42m PASSENGER SHIP
DOUBLE CHINE HULL CONCEPT**

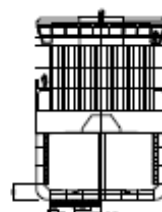
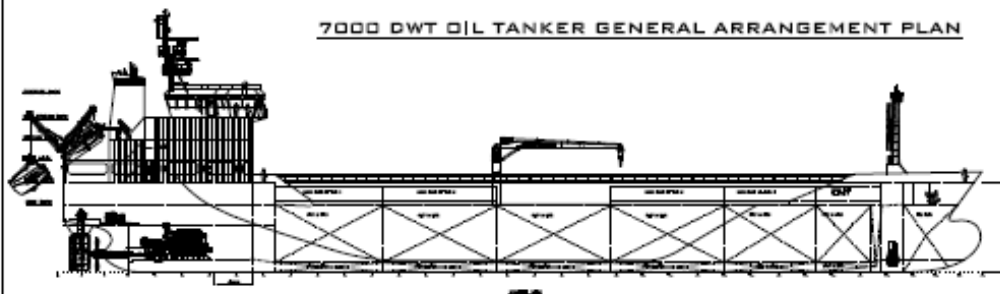
LDA: 42 M
B: 11 M
D: 3.5 M
T: 1.55 M
STEEL WEIGHT: 275 TON
SPEED: 13 KNOT
POWER: 2x 750 HP



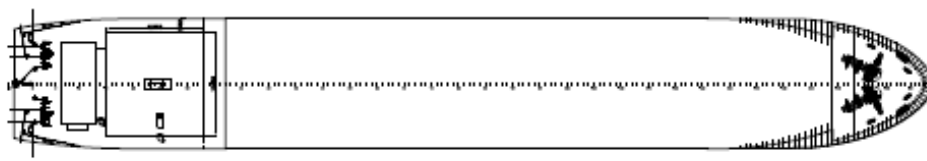
7000 DWT OIL TANKER HULL DESIGN AND GA PLAN



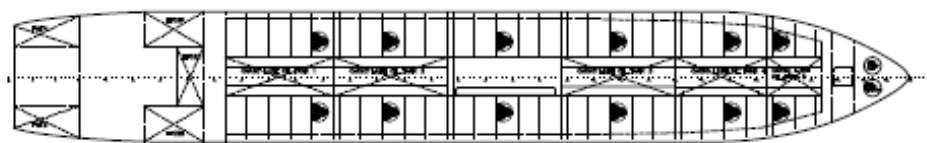
7000 DWT O/L TANKER GENERAL ARRANGEMENT PLAN



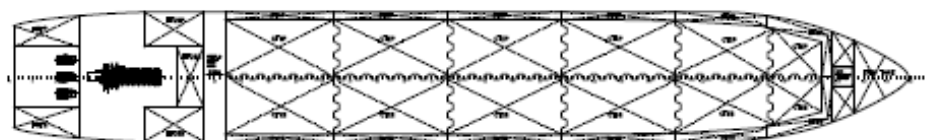
TANK CAPACITY

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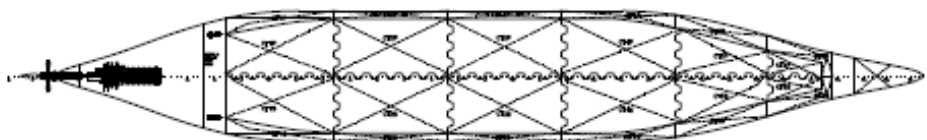
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NAME: _____

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CLASSIFICATION

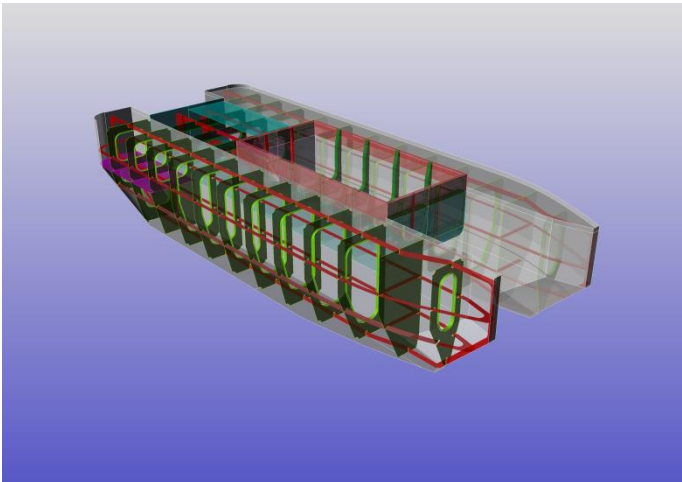
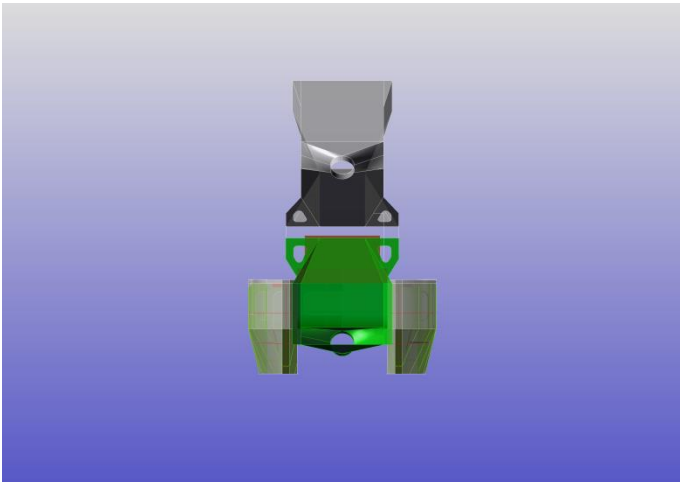
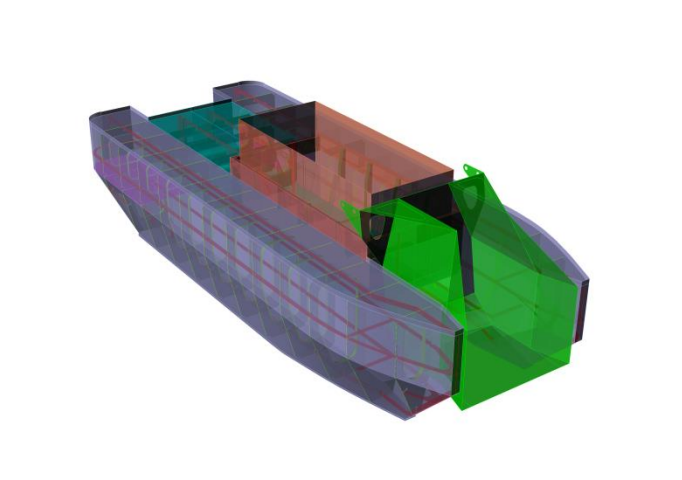
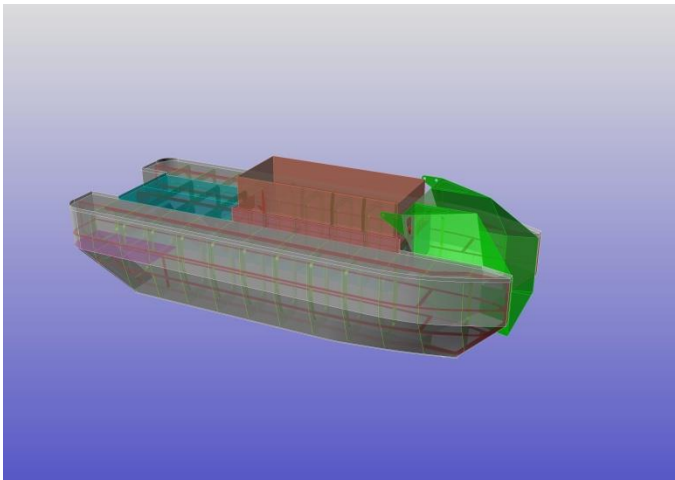
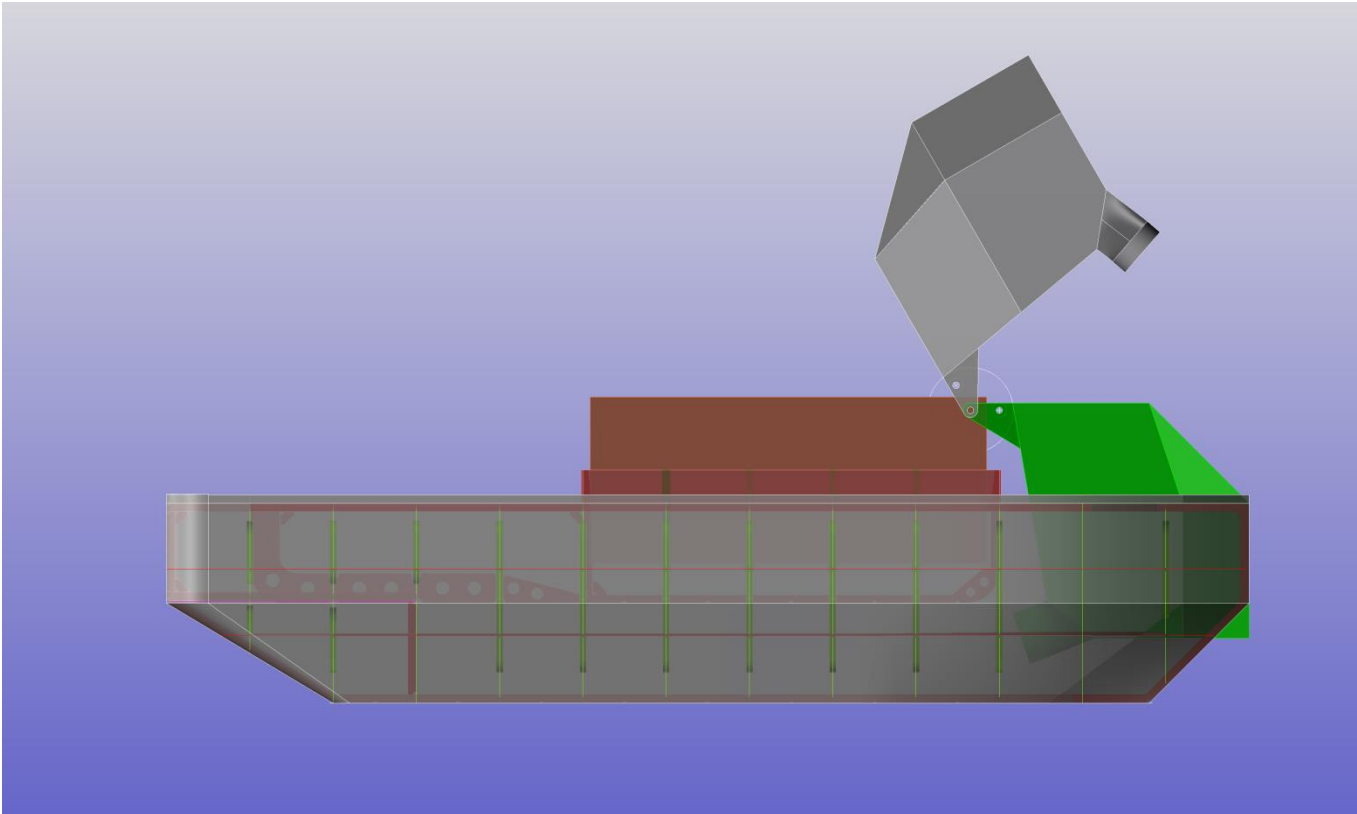
BY
I ☒ HELL ☒ NICH
CL TARDEN / PL TARDEN -DIP.
UNRECORDED INFORMATION



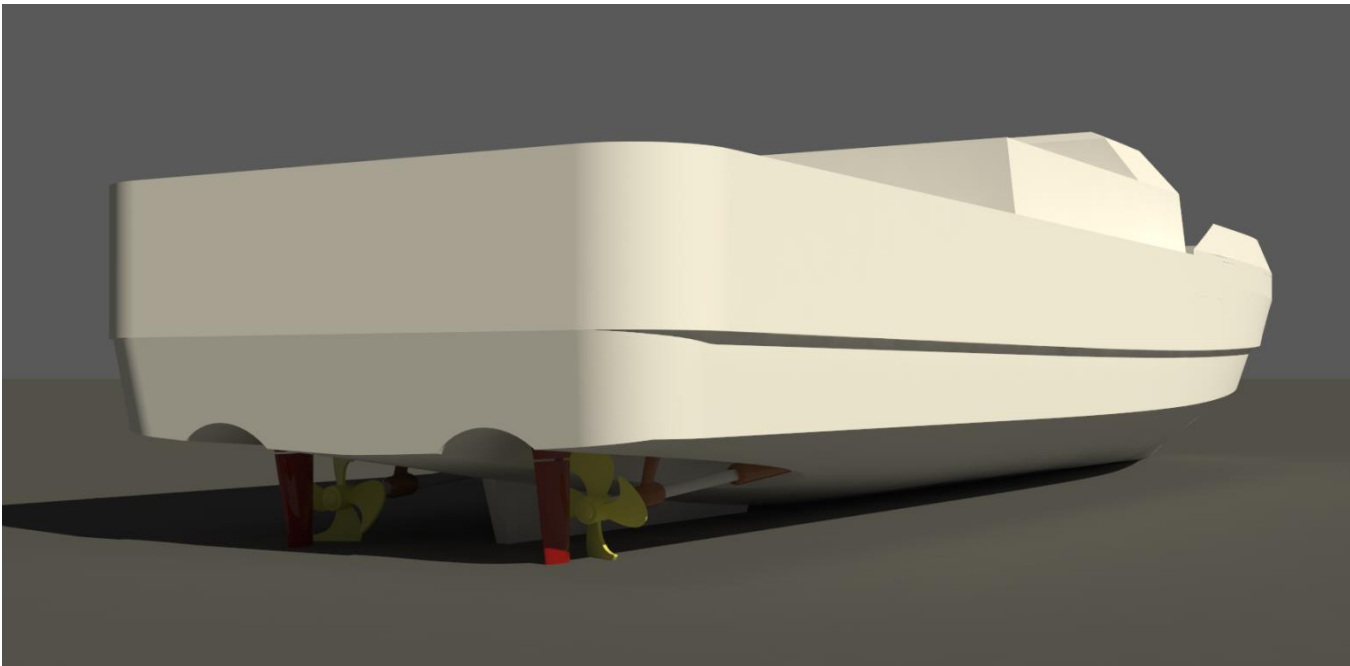
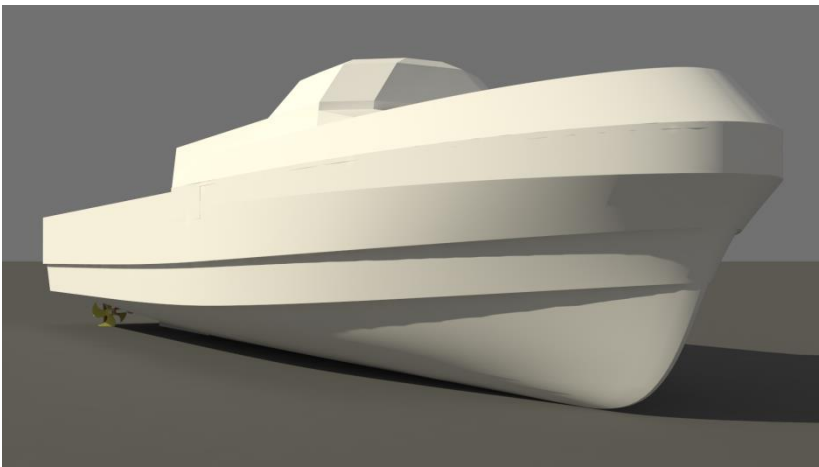
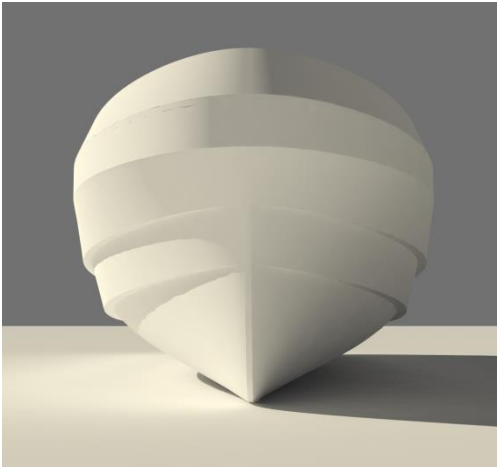
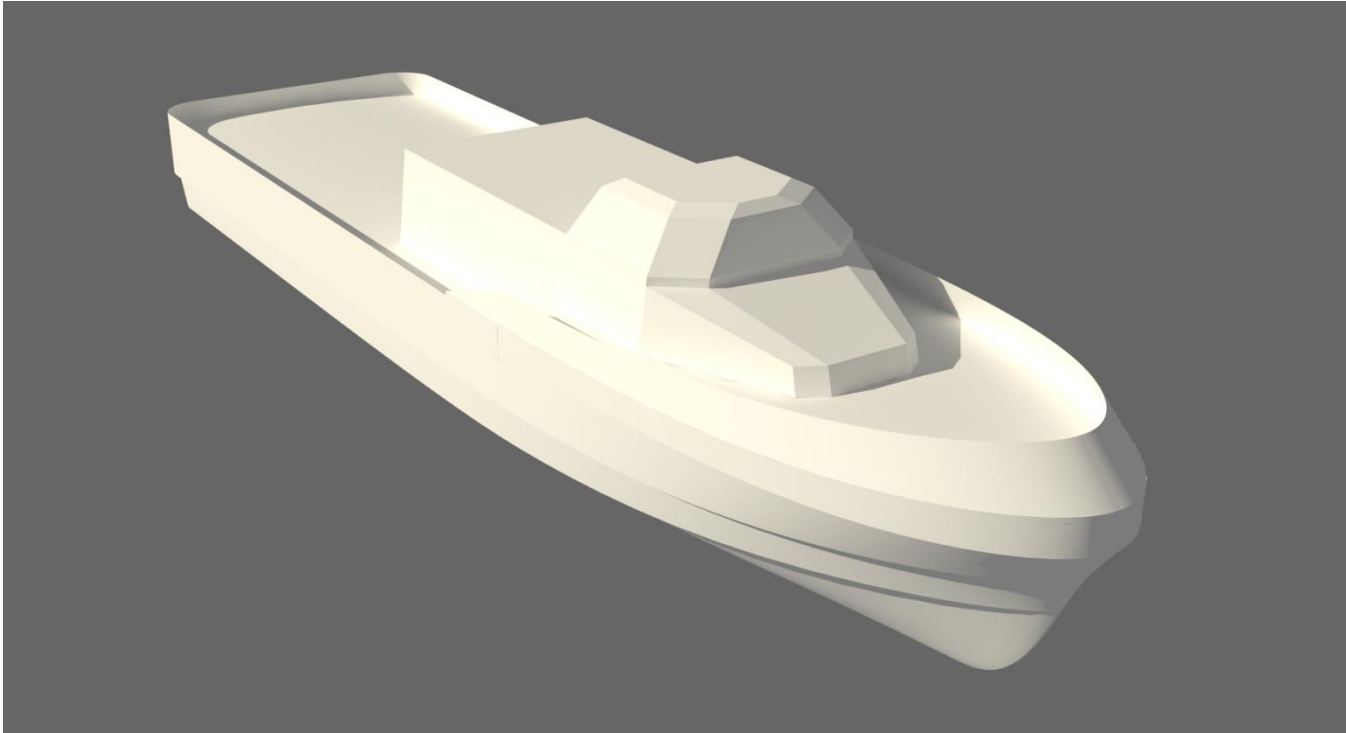
VOLMARINE
SHIP TECHNOLOGIES
DESIGN CONSTRUCTION CONSTRUCTION MACHINERY

USE PREVIOUS EDITION		7000 DWT OIL TANKER		REVISED	
DATE	ISSUE NUMBER	SECTION	USE ALPHABETIC INDEX		
DATE	ISSUE	SECTION	TABLE	TABLE	TABLE
EXHIBITARY GENERAL ARRANGEMENT PLAN					
SECTION NO.	SECTION NAME (PROJECT)	ISSN	TABLE NO.	TABLE	TABLE
SECTION NO.	SECTION NAME (PROJECT)	ISSN	TABLE NO.	TABLE	TABLE
SECTION NO.	SECTION NAME (PROJECT)	ISSN	TABLE NO.	TABLE	TABLE

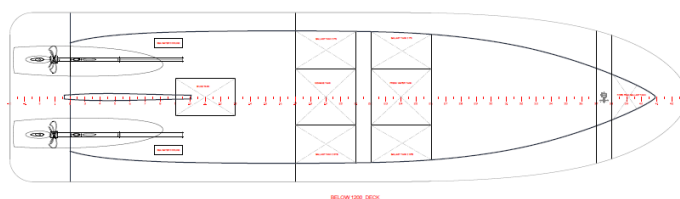
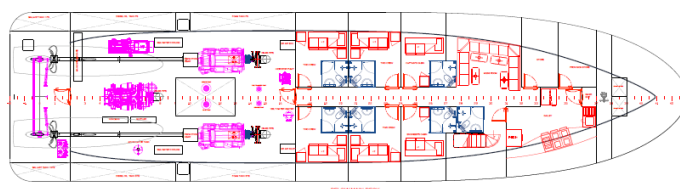
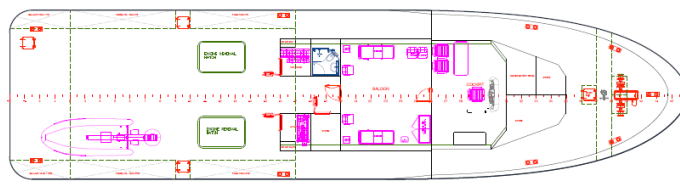
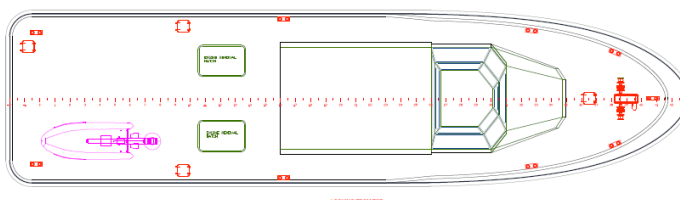
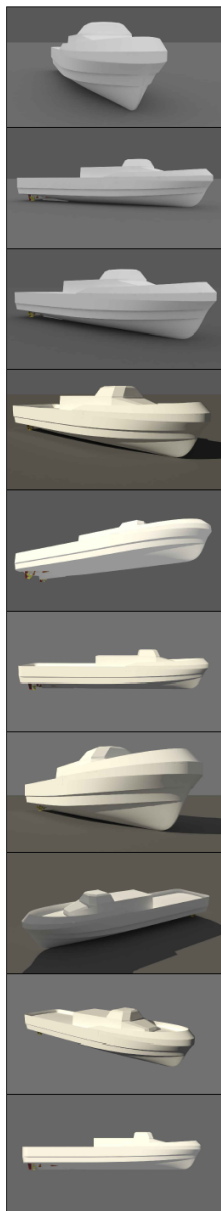
6.5M *2.5M ALUMINIUM CATAMARAN ANTI POLLUTION BOAT



36M 3600M3/H FIRE FIGHTING & RESCUE BOAT



A 3D rendering of a white motorboat, viewed from the side. The boat has a long, narrow hull with a flat deck. A small cabin structure is visible towards the stern. At the very back, there is a small outboard motor. The boat is set against a dark, solid background.

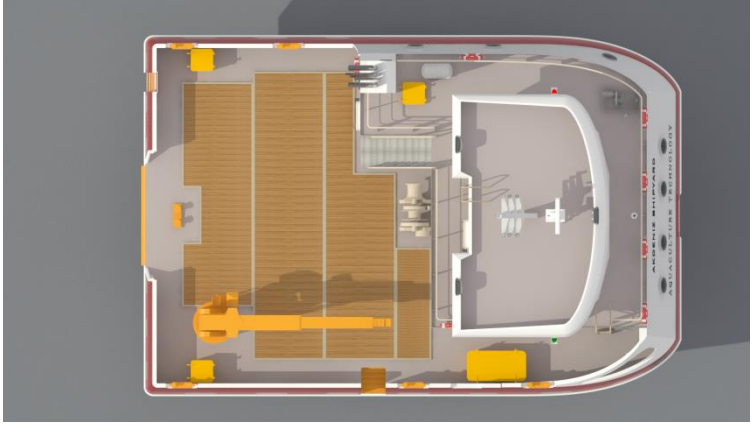
[illegible]

SI				REV	BY
NO	DATE	REVISION		REV	BY
ECCLE NAME 36 M FIRE FIGHTING BOAT					
TITLE PRELIMINARY GA PLAN					
OWNER					
BUILDER				HARD NO.	
CLASS				CLASS NO.	
				web: www.vol-marine.com e-mail: volkan@vol-marine.com	
www.facebook.com/Volmarine-Snp-Technologies-Semi-Dizayn-Ofsi-04745565672302/					
DESIGNED BY	DRAWN BY	CONTROLLED BY	SCALE	DRAWING NO.	REV.
volcan@volmar	volcan@volmar	volcan@volmar	1/100	36FFB	01

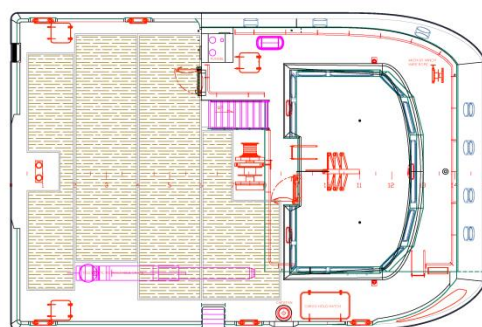
15M CATAMARAN FISH FARM FEEDER BOAT - TYPE: 01



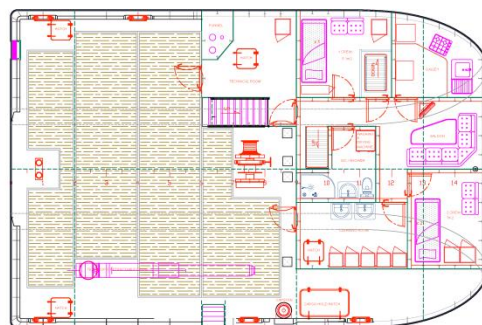
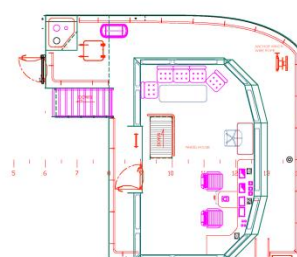
15M CATAMARAN FISH FARM FEEDER BOAT - TYPE: 02



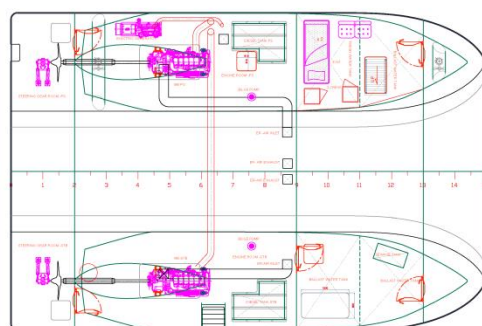
GENERAL ARRANGEMENT PLAN



LOOKING FROM TOP



ABOVE MAIN DECK

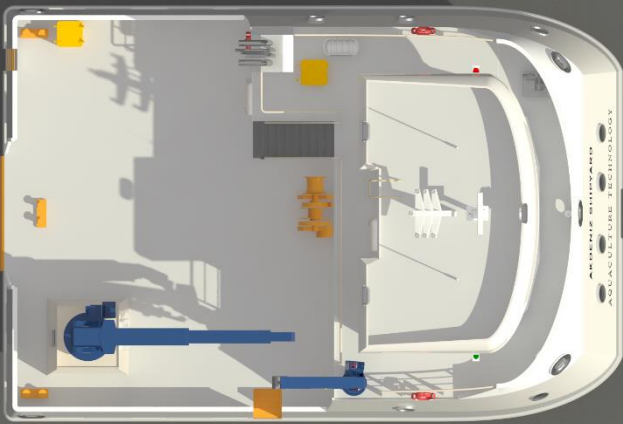
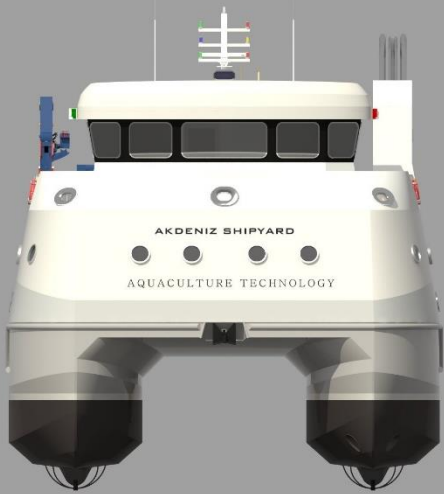


BELOW MAIN DECK (800 MM AB FR BL)

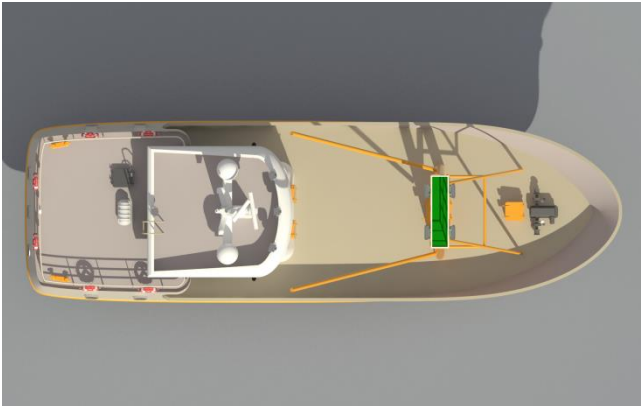
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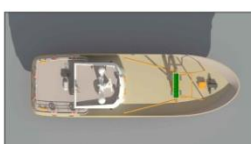
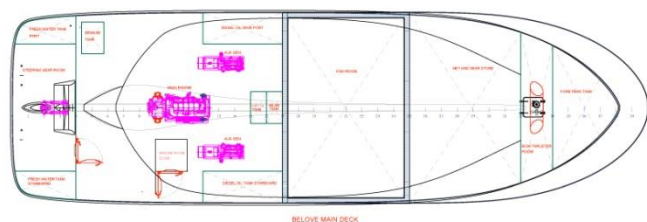
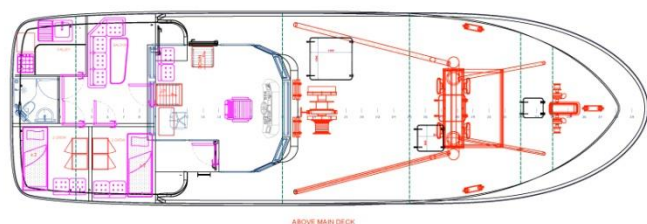
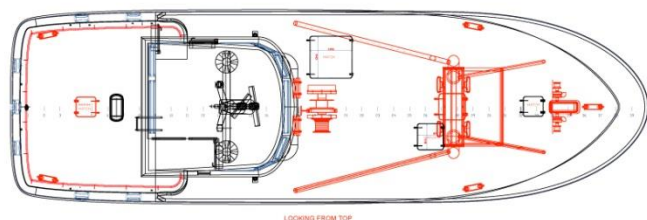
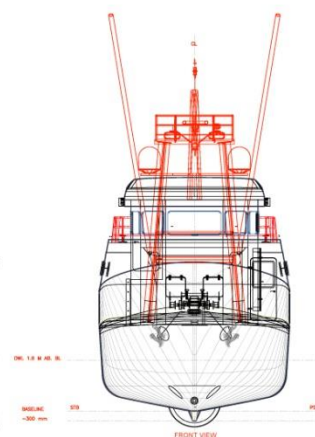
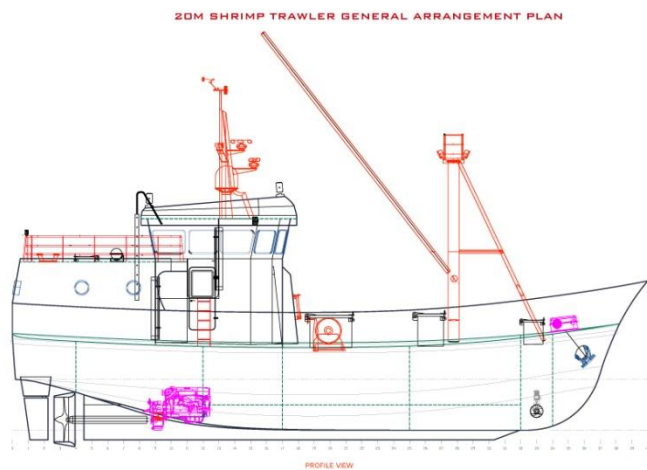
10									
11	DATE		REVISED				REV		BY
REG. NO. 15 M CATAMARAN FISH FARM SERVICE BOAT									
TITLE PRELIMINARY GA PLAN									
DESIGNER		INTERIOR/OUTFITTING		SCALE		DRAWING NO.			
S.J. JONES		ANDREW SHIPMAN		1/8" = 1'-0"		15M-FB-GA-01			
CHECKED									
									
web: www.vulmar.com email: info@vulmar.com									
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DESIGNED BY	DRAWN BY	APPROVED BY	DATE	SCALE	DRAWING NO.		REV		
				1/8"	15M-FB-GA-01				

15M CATAMARAN FISH FARM FEEDER BOAT - TYPE: 03



20M SHRIMP TRAWLER





MAIN DIMENSIONS:	
ULB Length Over AIS in	20.00
ULB Length Under Line in	16.50
OP Length Between Perpendiculars in	17.44
B (Breadth included) in	6.00
D (Depth included) in	2.40
T (Deck Dwgth) in	1.80
Displacement (tonnage) @ T ton	94 ton
C (Stiff Coefficient) (for Deck only)	0.40
Frame Spacing	800 mm
Deck Capacity	6.0 ton
Building Material	Hot-rolled Mild Steel

Superstructures & Cargo Manifest

SPEED-POWER-PROPELLION-AUX MACHINERY:	
V Service Speed (knots)	20.5 knots @ Full Load Conditions
Main Engine	2x D46LE - 2200hp/2300hp @1420RPM
Reduction Gear	2x Ratio (5.40:1)
Propeller Dimensions	2x 4 Blade Diameter 140 cm
Sow Thruster	2x 40 hp

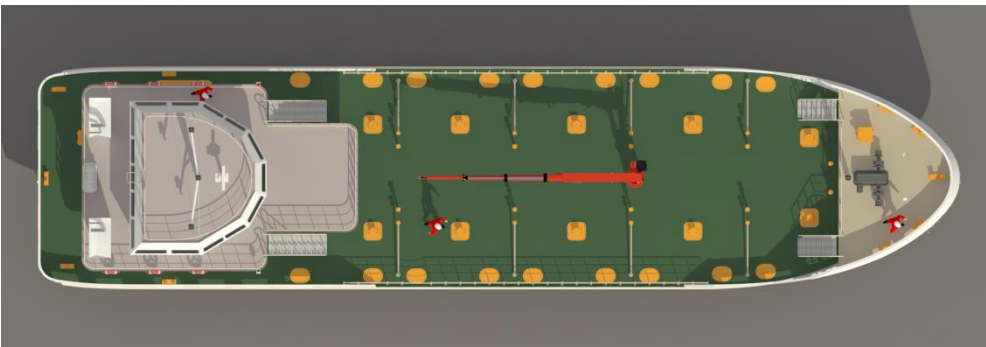
Overhead oil m3	40.00
Fresh Water m3	3.00
Sewage m3	1.00
Bilge m3	0.5
Grey Oil m3	0.5

IN									
NO	DATE		REGISTRATION					NO	BT
EQUIN, NAME		20 M SHRIMP TRAWLER							
TITLE		PRELIMINARY GA PLAN							
OWNER		HENDERSON SHUFFED							
SILLER		ANDERSON SHUFFED						LARS VLE	
CLASS		..						LARS VLE	
		www. www.volmaring.com info@volmaring.com		Help Us Grow! Please contribute to the Vol/Techniques News Group at mailto:voltech@volmaring.com Vol/Techniques News Group is a free e-mail list. To subscribe, go to www.volmaring.com and click on "Vol/Techniques". You can also subscribe by e-mail at voltech@volmaring.com .					
DESIGN BY	Drawn BY	APPROVED BY	DATE	SILLER	DRAWING NO.		BT		
CONSTRUCTION			1/90	ESB	20M-001 GA				

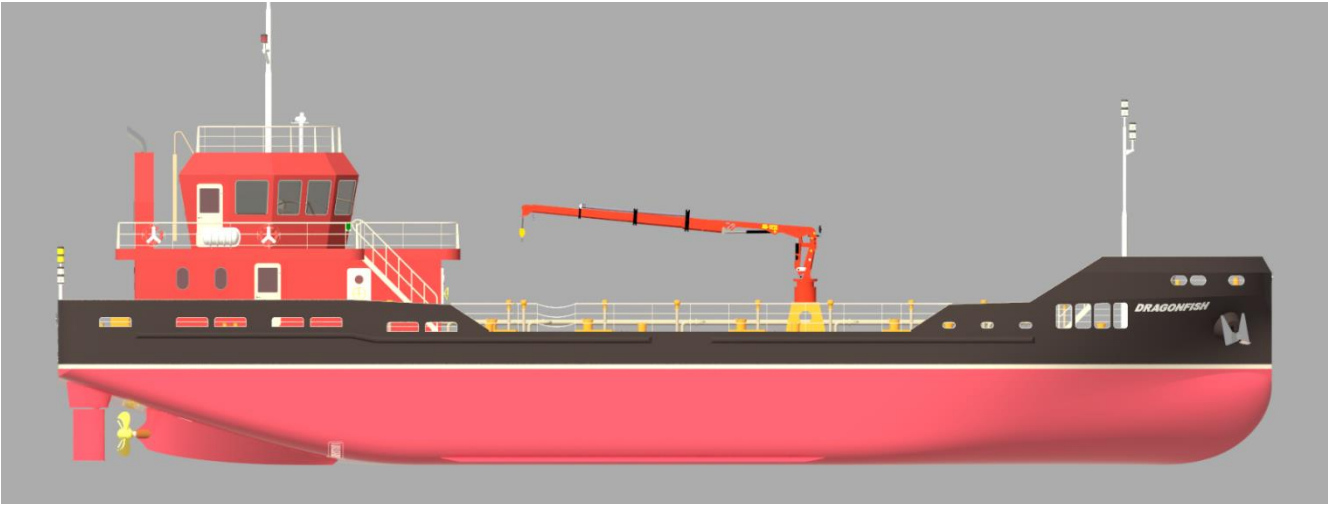
24M CREW BOAT

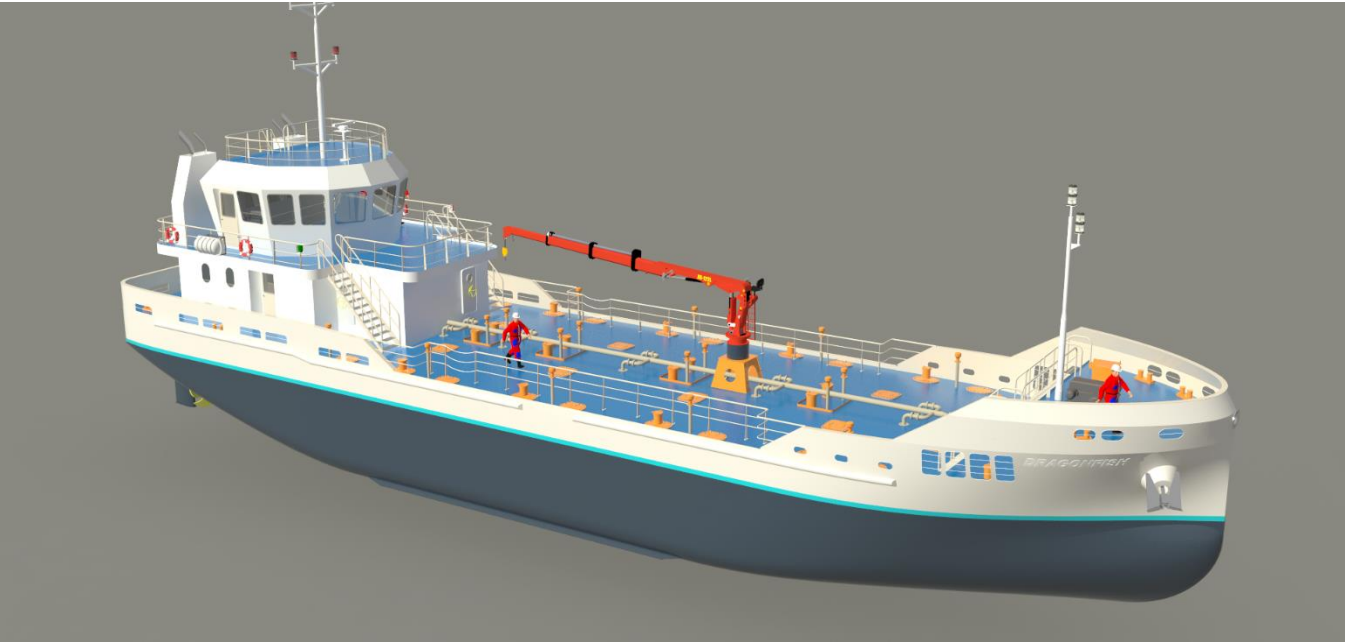
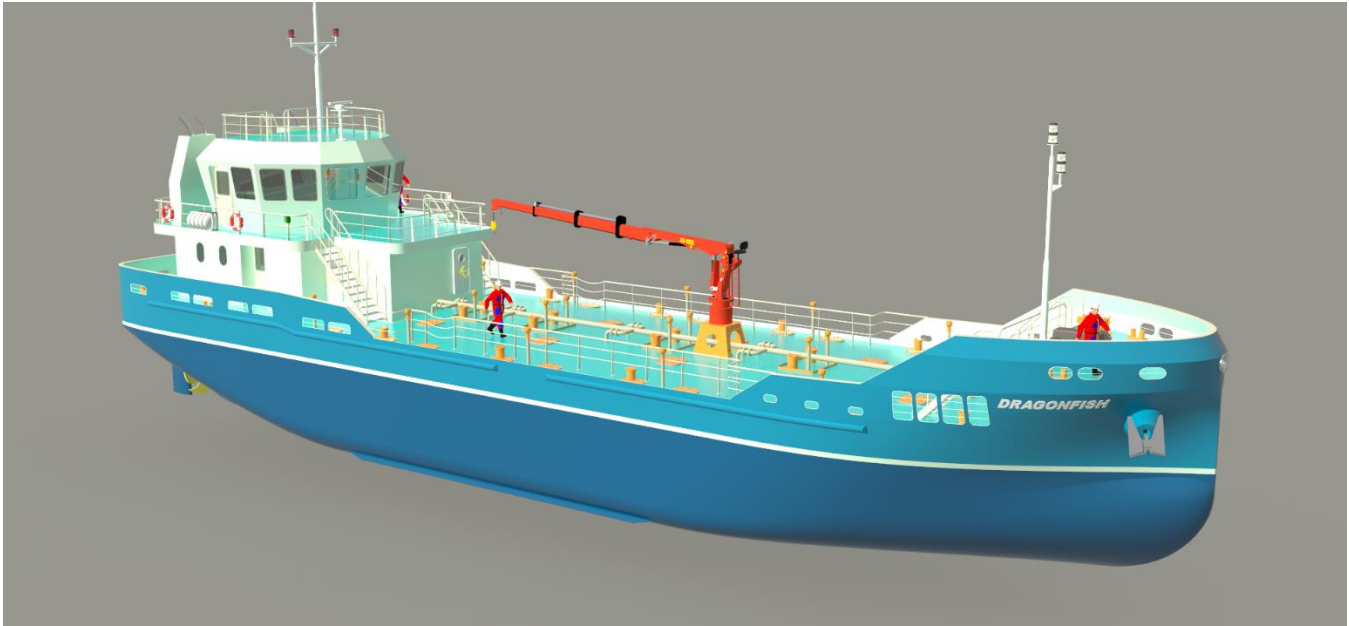


LOA:38M / 520 M3 CARGO CAPACITY OIL TANKER

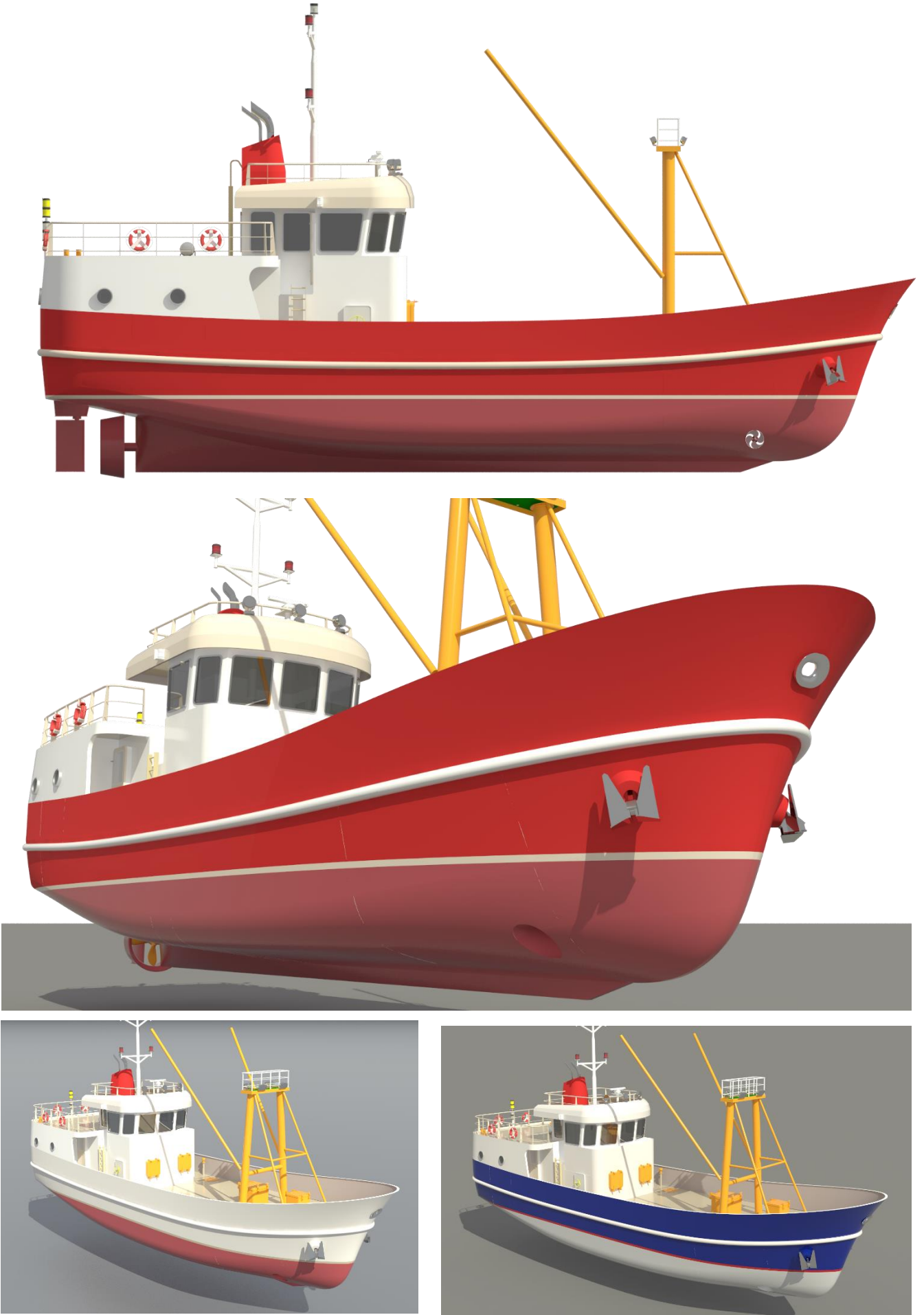


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LOA:24M FISHING VESSEL VERSIYON: 1



LOA:24M FISHING VESSEL VERSIYON: 2



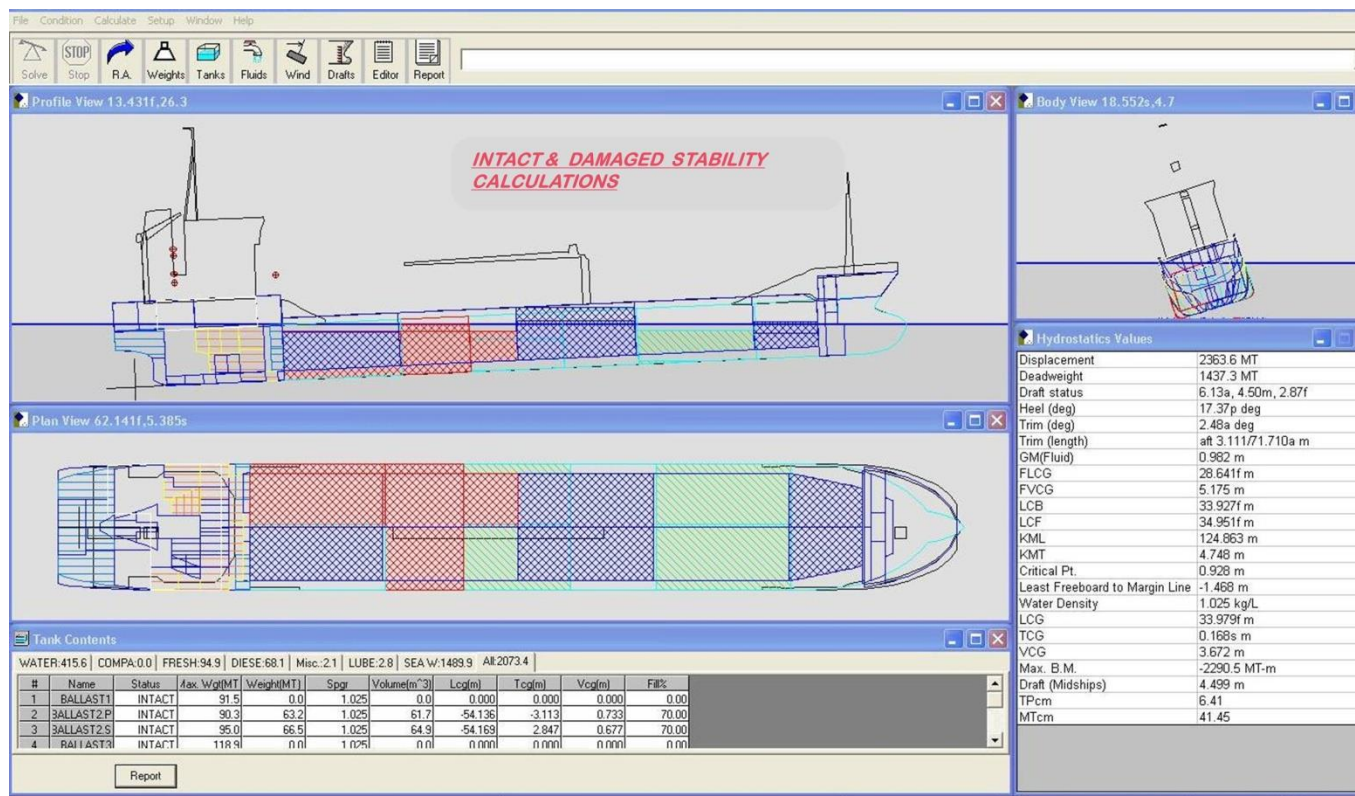
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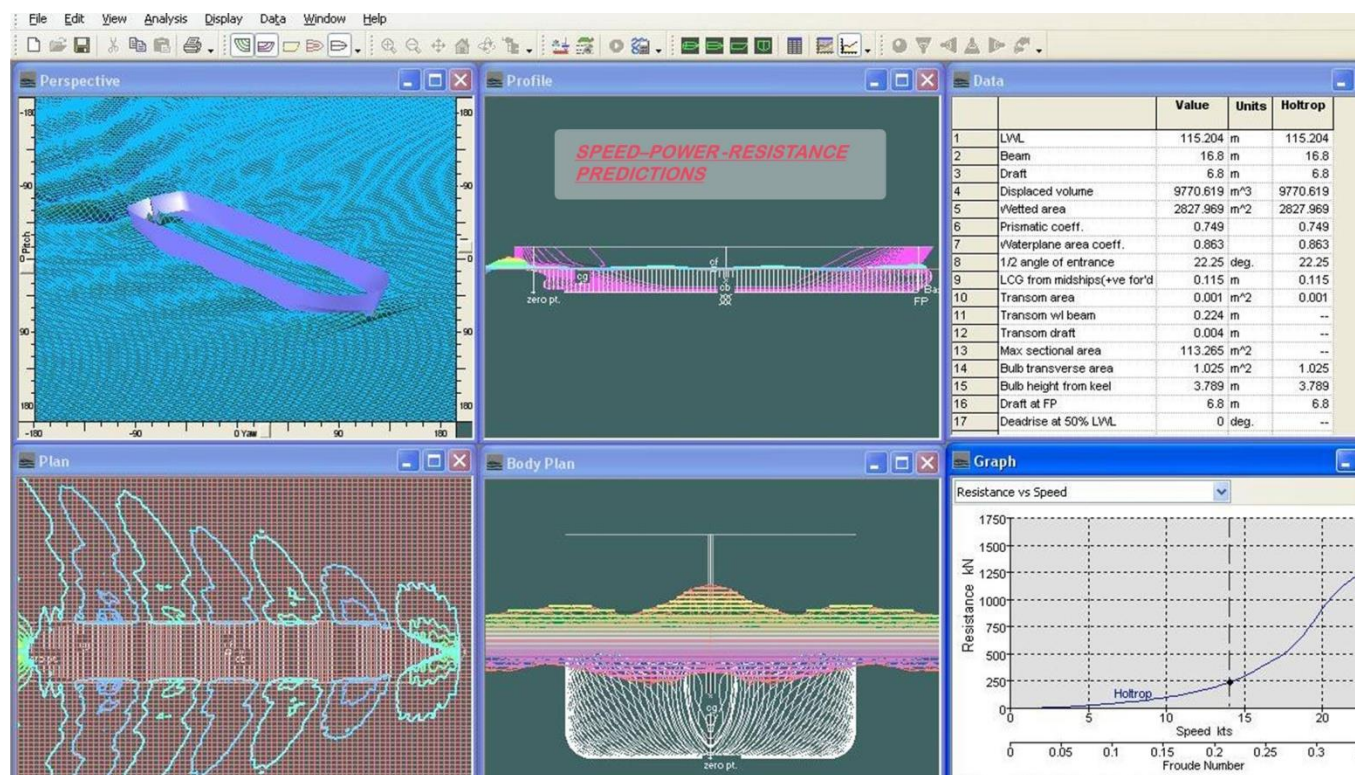
PILOT BOAT LOA:15M



INTACT & DAMAGED STABILITY CALCULATIONS:

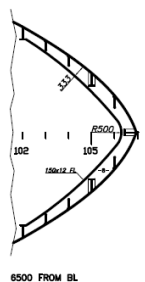
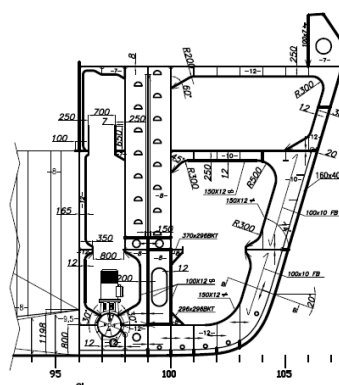
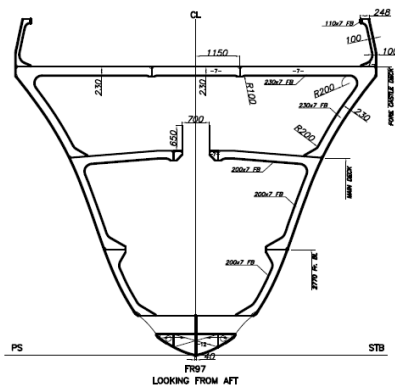
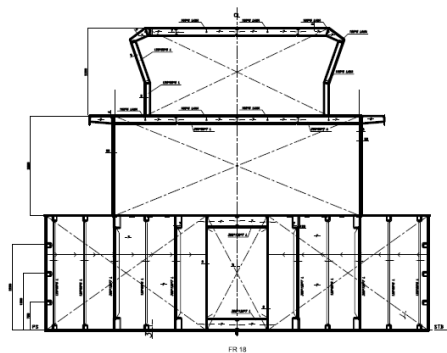
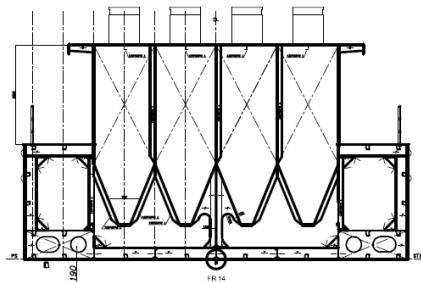
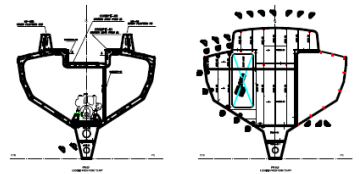
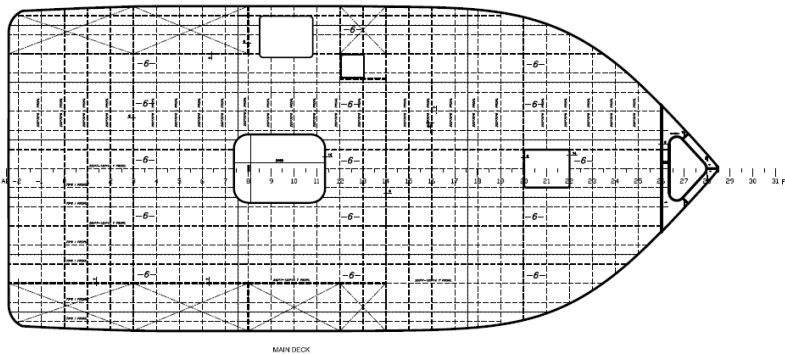
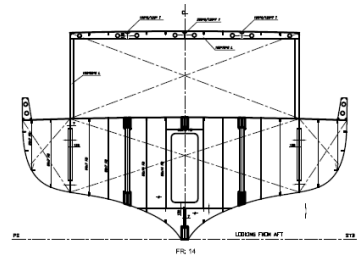
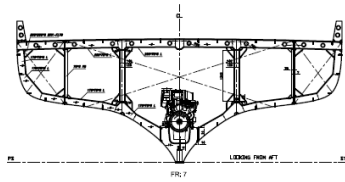
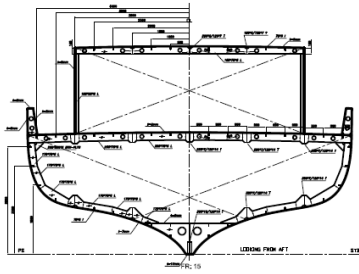
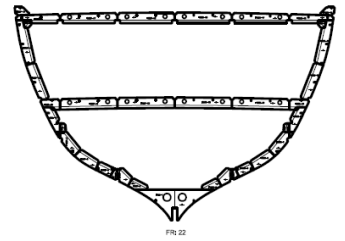
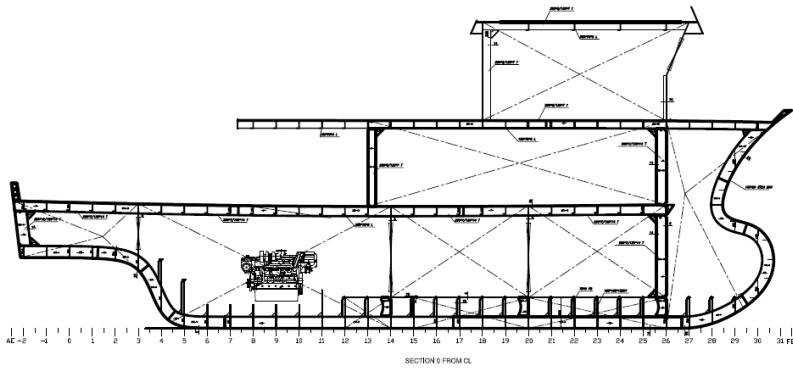


SPEED-POWER-RESISTANCE PREDICTIONS:



STRUCTURAL CALCULATIONS - CLASS DRAWINGS

WORKSHOP DRAWINGS - NESTING WORKS



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SHIP TECHNOLOGIES

DESIGN CONSULTANCY CONSTRUCTION MACHINERY

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E-mail : info@vol-marine.com

Tel : +90 536 377 32 33

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Contact Person: Volkan Esatoglu

Adress:

VARYAP PLAZA PENDİK

ESENYALI MAHALLESİ , UYGAR SOKAK, NO:61, OFİS NO:74

PENDİK / İSTANBUL / TURKEY