



elegancia
marine

Excellent.

eleganciagroup.com

CORPORATE PROFILE 2021



Elegancia Key Facts



+250
Clients

87%
Client Retention

+80,000 sqm
of factories

+30,000
Workforce

+30
Marine Units

+250,000
Meals/Day

2 Hospitals
with International
Affiliations



▶ **elegancia** group

▶ **elegancia** healthcare



**THE
VIEW
HOSPITAL**
IN AFFILIATION WITH CEDARS SINAI



KMC
Korean Medical Center

▶ **elegancia** services



▶ catering



▶ facilities management



▶ resources



▶ gabro

▶ **elegancia** contracting



▶ MEP



▶ landscape



▶ marine



▶ fit-out



▶ kitchens

▶ **elegancia** industries



▶ steel



▶ joinery



▶ stones

ABOUT US



ABOUT US

elegancia marine is part of a customer focused group providing innovative turnkey solution including value engineering with focus on Equality and QHSSE with full Transparency.

Our capabilities include Marine Contracting Works, Shipping & Logistics, Ship Building Supervision, Ship Management, Ship Repair & Maintenance and Shipping Agency.

Elegancia marine owns and operates a diverse fleet of vessels capable to support different types of projects in the marine industry such as transportation, contracting and Oil & Gas.

vision & mission

Vision

Creating a brighter future from Qatar to the world

MISSION

We add exceptional value to our customers through the skills and knowledge of our employees

Values

- Leadership
- Collaboration
- Accountability
- Quality
- Resilience

Guiding Principles

- Preserve Corporate Reputation
- Corporate Social Responsibility
- Develop Future Leaders
- Promote Innovation
- Inspire Trust
- Improve Agility

1 Bulk Cargo Transport & Logistics Services

We are one of the pioneers in the region by lifting of large COA's, pertaining to bulk cargoes such as quarry, amour rocks, sand, aggregates etc. from port to port within the region on time, every time. Apart from the traditional marine transport services, we also provide door to door logistics such as transport from ex-works to door that includes loading, stowing, discharging, clearance and inland haulage.



3 Oil & Gas Offshore Support Services

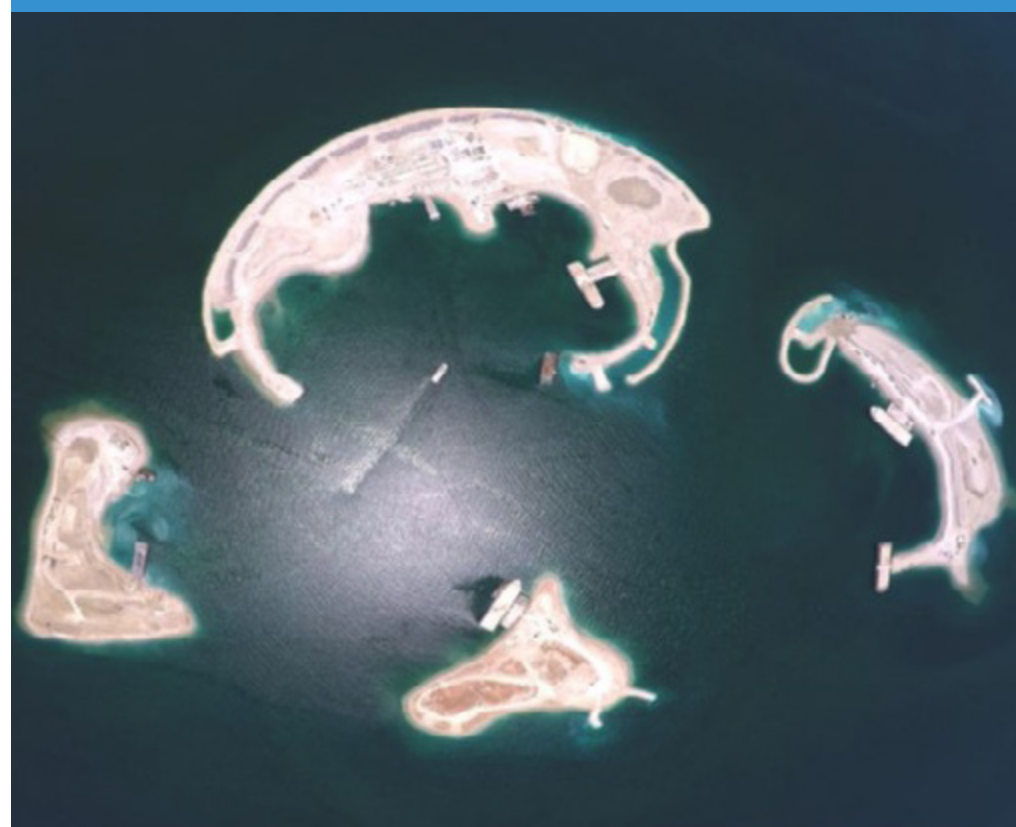
We provide OSV's to O&G, whether from own vessels or managed one's or through our business partners around the globe to support different activities offshore such as 1) FSO and FPSO, (2) AHTS, DP1 & DP2 for taking up towage contracts and other support services, (3) Jack-up accomodation/work barges and (4) Supporting platforms



OFFSHORE MARINE SERVICES

2 Marine Contracting

We as a Reputable company in Marine Contracting works have the skills, suitable marine assets, and the experience to take over small to medium size marine work projects and we are more than capable to handle diverse specialized fields. Our expertise lies in underwater marine works, building new or maintenance of existing jetties & key walls, Beach construction, Dredging and reclamation, Construction of breakwaters & groins, revetment & related rock works, Sheet piling works, and Installation & Maintenance of Marinas and floating pontoons.



4 Vessel Chartering & Brokering Services

We also pride ourselves to meet the needs of ship owners and charterers by providing them professional chartering and brokerage service prior, during and post fixtures.



6 Ship Management Services

Our extensive expertise offers the marine industry with a first-class vessel management services of the most reliable quality in terms of technical, crew, commercial management and claim handling services.



8 Ship Building and Supervision

With our experience, and most importantly with our in-house experts we are more than capable to take up shipbuilding projects and supervision services for new builds or conversion.

5 Ship Repairs, Maintenance and Drydocking

We offer our customer with technical support by responding quickly to emergency/breakdown situations or on planned maintenance and dry dock supervision work orders.



7 Marine Procurement

Our team with their extensive experience, know-how and rapport with global suppliers can support the marine industry to quickly source, connect stores and spares which allows you not only save cost, but reduce the lead time and eradicate the hurdles to get the job done.



MARINE AGENCY

A division of elegancia marine, committed to provide bundled package of Shipping agency services, ships port call and related husbandry services within the territorial waters of the State of Qatar.

With our knowledge and experience, we serve our clients, charterers, shippers, receivers and brokers of vessels as their local eyes and ears. We deliver our services with full transparency, striving to exceed expectations and focused to provide comprehensive solutions to every complex hurdle.

1. OPA/CPA- Boarding

Appointed by either vessel owner/operator or charterer to look after and protect their interest.

2. Husbandry Agent

Appointed for a service call, bunker call, dry docking, crew changes, procurement etc

3. OPA/CPA- Non-boarding

Appointed as the “Controlling Office” towards a state terminal agent and we control the customer relationship, including pricing, FDA submission and funding. Unable to board vessel due to restrictions from terminal- Mainly on hydrocarbon vessel.

4. Full Agent

Directly appointed and is responsible for registering the vessels with all concerned stake holders, i.e. Port authorities, immigration, customs, shipper/receiver, etc.

5. Ships Agency

Full Port Agent, Owners Protective Agent, Charterers Protective Agent, Cargo Agency or a Husbandry Agent

6. Cargo Related Services

Providing port authorized stevedoring services., Cargo Clearance, Cargo Operation Supervision and Transportation.

7. Ship Husbandry Services

Launch & Boat services, CTM, ship spares, supplies, and provisions, bunkers, rental of MHE, Marine Surveyors-Inspection, Loss Adjustors and P&I Club Services.

8. Crew Related Services

Crew Changes, Crew Transport, Crew Medical and Certification.



Leadership



Moutaz Al-Khayyat
Group Chairman

An entrepreneur and businessman, striving to explore new business frontiers and provide clients with cutting edge solutions. He has grown his group of companies into a diverse business conglomerate. His leadership and business principles are honesty, hard work, attention to detail and assuring quality.



Ramez Al-Khayyat
Group Managing Director

A business leader with a wealth of experience in operations, risk management and development, Ramez Al-Khayyat is a Qatari businessman based in Doha. He is a second-generation entrepreneur with years of executive experience with his family's contracting company, a hands-on mentality and an eye for detail.



Henrik Christiansen
Group CEO, elegancia group

An accomplished leader with C-level experience in Europe and in the Middle East. He drives corporate leadership and strategy, operational management, corporate governance, change programs and building high performance teams, supported by his significant industry experience and strong academic background.



Capt. Majed Abusharar
General Manager
elegancia marine

A master mariner with over thirty years of maritime experience. Twenty-years on the shore side in several management roles in the marine industry particularly in offshore, port services & operations, ships agency, brokerage, trading and ships management, while ten years of seafaring experience. Complex offshore EPIC projects were also managed by him efficiently & successfully in the region.



OUR PROJECTS



BANANA ISLAND Marine Works

Scope: Development Management, Design & Build

BUA: 67,727 m²

Location: Doha, Qatar



LUSAIL RECLAIMED ISLANDS

Reclamation & Marine Works

Scope: Design & Build

BUA: 850,000 m²

Location: Sumaisima, Qatar



NEW LUSAIL ISLAND

Scope: Design & Build

BUA: 850,000 m

Location: Lusail North, Qatar



AL DAKHIRA MARINA

Scope: Build

BUA: 35,853.36 m

Location: Al Dakhira Port, Qatar



AL KHOR MARINA

Scope: Build

BUA: 112,267.36 m

Location: Al Khor Port, Qatar



WALDORF ASTORIA MALDIVES ITHAAFUSHI

Scope: Design & Build

BUA: 92,000 m²

Location: Maldives





SHERATON HOTEL

Scope: Renovation

BUA: 178,950 m²

Location: Doha, Qatar



THE BASE PROJECT

Scope: Excavation and reclamation works for a new Navy Coast Guard Base

BUA: 170,000 m²

Location: Sumaisima, Doha Qatar



COAST GUARD BASE

Expansion of the Main
Navigational Channels & Turning
Basin

Scope: Excavation and reclamation works
for a new Navy Coast Guard Base

BUA: 800,068 m²

Location: Basin, Doha Qatar



AL JASSASIYA SOUTH HOUSE

Location: Eastern Qatari coastline north of Sumaysimah City





the island project
marine works
Total Excavated Volume: 2 million m²

Completed Marina



Marina CGI



Excavation of Swimmable Area



Excavation of Basin



Overwater Villas





Bureau Veritas Certification

ELEGANCIA MARINE OFFSHORE SERVICES W.L.L.
 24TH FLOOR, THE EIGHTEEN TOWER- COM18, BUILDING 230, STREET 303,ZONE #61, MARINE DISTRICT 2, LUSAIL CITY, P. O. BOX: 24519, STATE OF QATAR

Bureau Veritas Certification Holding SAS - UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 9001:2015
 Scope of certification
 PROVISION OF CONCEPTUAL DESIGN FOR SHIP BUILDING, SHIP MANAGEMENT AND MARINE SERVICES.

Original cycle start date: 02-12-2015
 Expiry date of previous cycle: NA
 Certification / Recertification Audit date: NA
 Certification / Recertification cycle start date: 03-04-2019
 Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 03-12-2021
 Certificate No.: GAB02144 Version: 3 Issue Date: 01-06-2021

UKAS
 0008

Certification Body Address: 5th Floor, 44 Princes Street, London, E1 8NF, United Kingdom
 Local Office: Bureau Veritas International Doha W.L.L. 67-63, Ground Floor, 402 Building (Opp. No. 174, Street No. 230, Zone J01, C Ring Road, Opposite Gulf Times, P. O. Box: 22157, Doha, State of Qatar

Bureau Veritas Certification

ELEGANCIA MARINE OFFSHORE SERVICES W.L.L.
 24TH FLOOR, THE EIGHTEEN TOWER- COM18, BUILDING 230, STREET 303,ZONE #61, MARINE DISTRICT 2, LUSAIL CITY, P. O. BOX: 24519, STATE OF QATAR

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ISO 14001:2015
 Scope of certification
 PROVISION OF CONCEPTUAL DESIGN FOR SHIP BUILDING, SHIP MANAGEMENT AND MARINE SERVICES.

Original cycle start date: 04-12-2015
 Expiry date of previous cycle: NA
 Certification / Recertification Audit date: NA
 Certification / Recertification cycle start date: 03-04-2019
 Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 03-12-2021
 Certificate No.: GAB02145 Version: 3 Issue Date: 01-06-2021

UKAS
 0008

Certification Body Address: 5th Floor, 44 Princes Street, London, E1 8NF, United Kingdom
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Bureau Veritas Certification Holding SAS - UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 45001:2018
 Scope of certification
 PROVISION OF CONCEPTUAL DESIGN FOR SHIP BUILDING, SHIP MANAGEMENT AND MARINE SERVICES.

Original cycle start date: 04-09-2020
 Expiry date of previous cycle: NA
 Certification / Recertification Audit date: 23-04-2020
 Certification / Recertification cycle start date: 04-09-2020
 Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: 03-12-2021
 Certificate No.: GAB02407 Version: 3 Issue Date: 01-06-2021

UKAS
 0008

Certification Body Address: 5th Floor, 44 Princes Street, London, E1 8NF, United Kingdom
 Local Office: Bureau Veritas International Doha W.L.L. 67-63, Ground Floor, 402 Building (Opp. No. 174, Street No. 230, Zone J01, C Ring Road, Opposite Gulf Times, P. O. Box: 22157, Doha, State of Qatar

BIMCO

Certificate of Membership

We hereby certify that

Elegancia Marine Offshore Services

is a registered member (169395) of BIMCO for

2021

David Loosley
 Secretary General & CEO, BIMCO

INTERIM DOCUMENT OF COMPLIANCE
 Issued under the provisions of the INTERNATIONAL CONVENTION FOR THE SAFETY OF LIFE AT SEA 1974, as amended

Under the authority of Government of STATE OF QATAR by Indian Register of Shipping

Name and address of the Company : Elegancia Marine Offshore Services W.L.L., 24th Floor, The Eighteen Tower-COM18, Building 230, Street 303, Zone #61, Marine District 2, Lusail City, P.O. Box: 24519, State of Qatar

Company Identification number : 5467409

THIS IS TO CERTIFY THAT the safety management system of the Company has been recognized as meeting the objectives of paragraph 1.2.3 of the International Management Code for the Safe Operation of Ships and for Pollution Prevention (ISM Code) for the types of ships listed below (subject to appropriate):

- Passenger Ship
- Passenger high speed craft
- Cargo high speed craft
- Bulk Carrier
- Oil Tanker
- Chemical Tanker
- Gas Carrier
- Mobile offshore drilling unit
- Other Cargo Ship

This Interim Document of Compliance is valid until 19/12/2021 (dd/mm/yyyy)
 Completion date of the verification on which this Certificate is based: 06/07/2021 (dd/mm/yyyy)
 Issued at LUSAIL on 01/07/2021 (dd/mm/yyyy)

Official Seal: Supervisor to Indian Register of Shipping

In-Country Value Scorecard Certificate

The CVI Certificate is issued to

ELEGANCIA MARINE OFFSHORE SERVICES

Company address: P.O. BOX 24519, 18TH FLOOR, COM 18, MARINA 1, LUSAIL CITY, QATAR Commercial registration number: 11715

CVI Certificate details	CVI Certificate number	Name of the CVI Certificate	Issue date	Expiry date
CVI Certificate number	ETV-ICV-0001-175-2021-1	Name of the CVI Certificate	11 October 2020	10 October 2021
Issue date	11 October 2020	Renewed year or 12	31 December 2019	
Expiry date	10 October 2021	Engagement start date	28 July 2020	

ICV details	ICV Contribution	ICV Score
A Goods and Services	12.6%	34.78%
B Workforce Training	0.0%	
C Supplier Development	0.0%	
D Investment in Fixed Assets	22.1%	

Signature: Group Chief Financial Officer, Date: 11 October 2020

THE FLEET AT A GLANCE

OWNED VESSELS & MANAGED VESSELS



**ORION XV
(Landing Craft)**
LOA: 48.50 m
Breadth: 14.50 m
Depth: 1.70 m
Draft: 1.05 m
Capacity : 46Car
250pax

**PEGASUS XX
(Tugboat)**
LOA: 32.00 m
Breadth: 9.14 m
Depth: 4.20 m
Draft: 3.50 m
Capacity : 3200 HP

**SIRIUS X
(Barge)**
LOA: 96.56 m
Breadth: 30.48 m
Depth: 6.10 m
Draft: 3.80 m
Capacity : 11437 T

**SCORPIO D
(Barge)**
LOA: 87.78 m
Breadth: 24.38 m
Depth: 5.49 m
Draft: 4.27 m
Capacity : 7130 T

**ALTAIR I
(Spud Barge)**
LOA: 76.20 m
Breadth: 24.38 m
Depth: 4.88 m
Draft: 3.62 m
Capacity : 4900 T

**GEWAN
(Cutter Suction
Dredger)**
LOA: 43.50 m
Breadth: 4.67 m
Depth: 2.97 m

**POLARIS XX
(Tugboat)**
LOA: 32.00 m
Breadth: 9.14 m
Depth: 4.20 m
Draft: 3.50 m
Capacity : 3200 HP

**VEGA X
(Barge)**
LOA: 100.65 m
Breadth: 27.45 m
Depth: 6.41 m
Draft: 5.08 m
Capacity : 10490 T

**ATLAS V
(Barge)**
LOA: 82.30 m
Breadth: 21.40 m
Depth: 4.90 m
Draft: 3.80 m
Capacity : 5500 T

**HAMAL II
(Spud Barge)**
LOA: 54.86 m
Breadth: 18.29 m
Depth: 3.96 m
Draft: 3.22 m
Capacity : 2406 T

**SEA GALAXY
(Tugboat)**
LOA: 23.50 m
Breadth: 7.31 m
Depth: 3.20 m
Draft: 2.69 m
Capacity : 1300 HP

**PHOENIX XX
(Tugboat)**
LOA: 32.00 m
Breadth: 9.14 m
Depth: 4.20 m
Draft: 3.50 m
Capacity : 3200 HP

**RIGEL X
(Barge)**
LOA: 106.24 m
Breadth: 27.43 m
Depth: 6.71 m
Draft: 5.23 m
Capacity : 11155 T

**ARIES V
(Barge)**
LOA: 82.30 m
Breadth: 21.40 m
Depth: 4.90 m
Draft: 3.80 m
Capacity : 5500 T

**CAPELLA III
(Spud Barge)**
LOA: 54.86 m
Breadth: 18.29 m
Depth: 3.96 m
Draft: 3.22 m
Capacity : 2406 T

**POLLUX XX
(Tugboat)**
LOA: 28.93 m
Breadth: 9.50 m
Depth: 4.20 m
Draft: 3.20 m
Capacity : 3200 HP

**PHANTOS XX
(Tugboat)**
LOA: 27.49 m
Breadth: 9.14 m
Depth: 4.16 m
Draft: 3.50 m
Capacity : 3200 HP

**LEO X
(Barge)**
LOA: 96.65 m
Breadth: 27.45 m
Depth: 6.41 m
Draft: 5.04 m
Capacity : 10500 T

**ARCHER V
(Barge)**
LOA: 76.20 m
Breadth: 24.38 m
Depth: 4.88 m
Draft: 3.62 m
Capacity : 4905 T

**ANTARES IV
(Spud Barge)**
LOA: 54.86 m
Breadth: 18.29 m
Depth: 3.96 m
Draft: 3.22 m
Capacity : 2406 T

**PISCES XX
(Tugboat)**
LOA: 32.00 m
Breadth: 9.14 m
Depth: 4.20 m
Draft: 3.50 m
Capacity : 3200 HP

**PROCYON XX
(Tugboat)**
LOA: 28.00 m
Breadth: 8.60 m
Depth: 4.12 m
Draft: 3.50 m
Capacity : 2034 HP



ANNEX



ORION XV

LANDING CRAFT

PRINCIPAL PARTICULARS

YEAR OF BUILT	1999
BUILDER	GREECE
FLAG	PANAMA
CLASS	RINA
IMO NO	8747185
CALL SIGN	HP7925
GRT	347 TONS
NRT	104 TONS
ACCOMODATION	9 MEN

PRINCIPAL DIMENSIONS

LOA	48.50 MTRS
BREADTH	14.50 MTRS
DEPTH	1.70 MTRS
DRAFT	1.05 MTRS

NAVIGATION EQUIPMENT

AUTOPILOT	YES
GPS	YES
RADAR	YES
VHF RADIO	YES
EPIRB	YES
NAVTEX	YES
INMARSAT-C	YES
GMDSS	YES

MACHINERY

MAIN ENGINES	IVECO
POWER	2 X 780 BHP
GENERATORS	2 X CUMMINS
PROPELLERS	2 X 4 BLADES
RUDDERS	2
OILY WATER SEPARATOR	NO
SEWAGE PLANT	YES
BOW THRUSTER	NO

CARGO CAPACITY

DEADWEIGHT	259 TONS
CAR	46 CARS

TANK CAPACITIES

DIESEL FUEL OIL	88 TONS
POTABLE WATER	10 TONS
BALLAST	596 TONS

CONSUMPTION

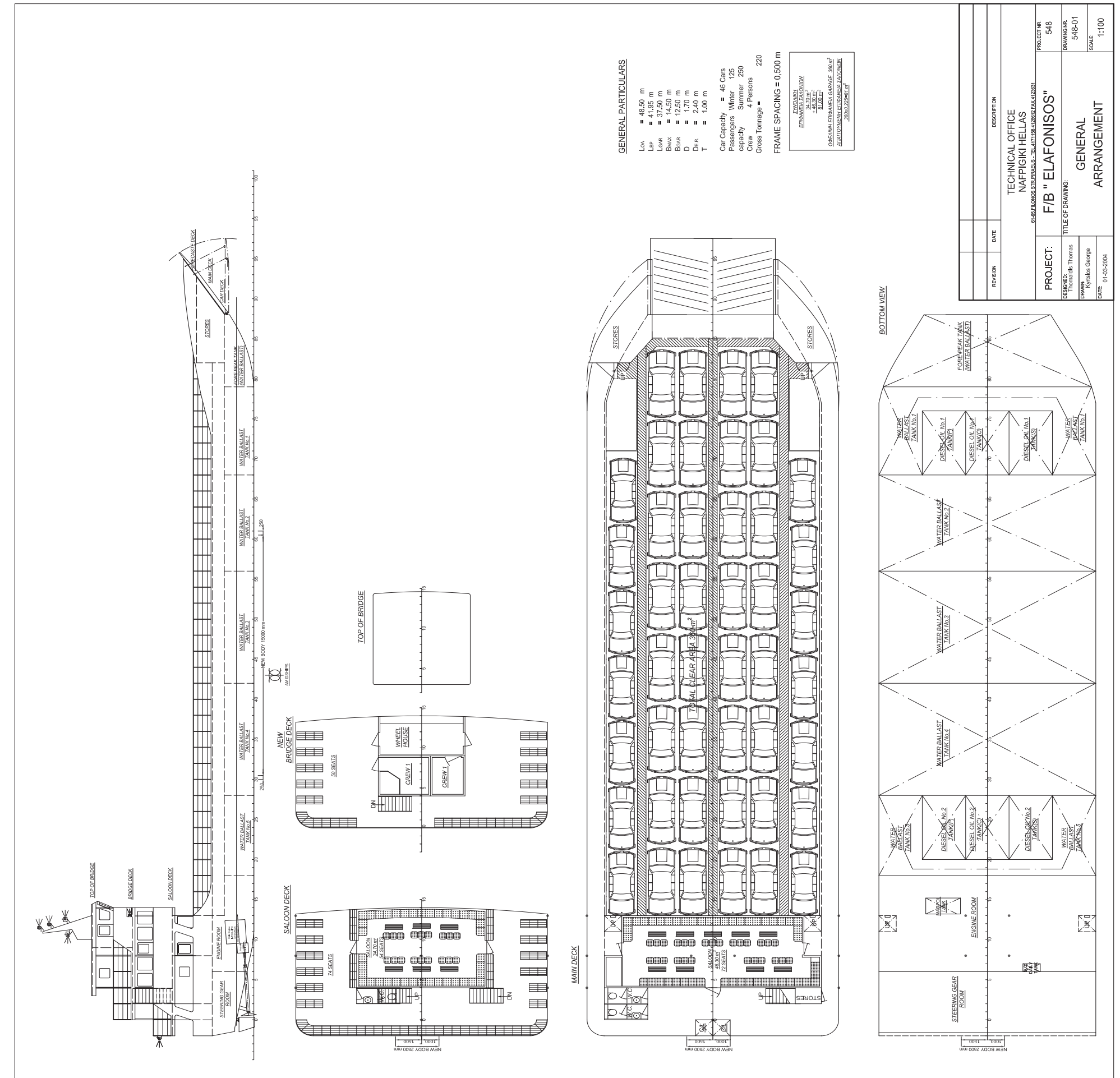
FUEL TYPE	MGO
DAILY CONSUMPTION:	
SAILING PER DAY	600 LTRS
IDLE	300 LTRS

SPEED

MAX. SPEED	10 KNOTS
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DECK EQUIPMENT

ANCHOR WINDLASS	YES
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GEWAN

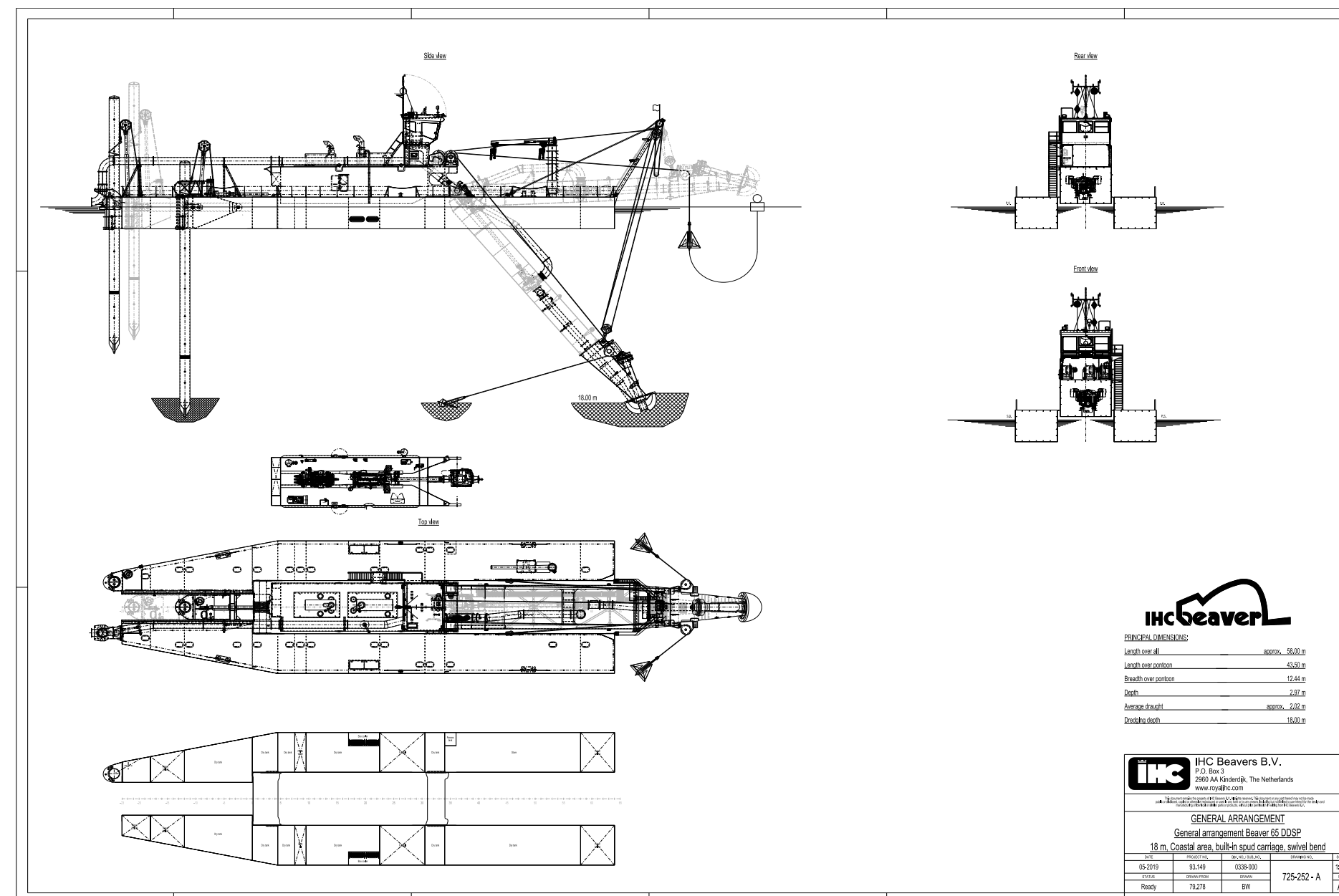
DREDGER

PRINCIPAL PARTICULARS

YEAR OF BUILT	2019
BUILDER	IHC BEAVERS B.V., NETHERLANDS
FLAG	QATAR
CLASS	BUREAU VERITAS
IMO NO	N/A
CALL SIGN	N/A
LENGTH OVER ALL, LADDER UP	APPROX. 58.00 M
LENGTH OVER SIDE ONTOONS	43.50 M
HULL BREADTH OVER THE SIDE PONTOONS	12.44 M
DEPTH AT SIDE	2.97 M
AVERAGE DRAUGHT WITH FULL BUNKERS	APPROX 1.95 M
MAX. DREDGING DEPTH	18.0 M
INSIDE DIAMETER OF SUCTION TUBE	650 MM
INSIDE DIAMETER OF DISCHARGE PIPE	650 MM
MAX. CONTINUOUS POWER OF DIESEL ENGINE FOR SUBMERGED DREDGE PUMP DRIVE, AT 1600 RPM RATED AT	1825 KW
POWER OF AUXILIARY DIESEL ENGINE, AT 1800 RPM RATED AT	994 KW
MAX. POWER AT CUTTER SHAFT, AT APPROX. 30 RPM	700 KW
HULL	
SIDE PONTOONS	NUMBER 2
MOULDED DIMENSIONS	43.50 X 4.67 X 2.97 M EACH
PLATE THICKNESSES	8 MM LOCALLY 6, 10, 12 & 28 MM
FUEL OIL TANKS	TOTAL CAPACITY 84 M3
DIRTY OIL TANK	CAPACITY 10 M3
FRESH WATER TANK	CAPACITY 10 M3
ENGINE ROOM UNIT	SHIPPING DIMENSIONS
COUPLING PONTOONS	L X B X H NUMBER 07 X 5.1 X 3.8 M 2
SHIP'S INVENTORY	
SWING ANCHORS	2 NOS. X 1500 KG
SWING WIRES	2 NOS. X 150 M
MOORING WIRES	3 NOS. X 50 M
ENGINE INSTALLATION	
DIESEL ENGINE FOR SUBMERGED DREDGE	NUMBER 1 MAKE CATERPILLAR

PUMP DRIVE	TYPE	3516 SERIES II SCAC
	BORE	170 MM
	STROKE	215 MM
	CYLINDERS	16 IN V
	MAX. CONT. POWER	1825 KW
	SPEED	1600 RPM
AUX. DIESEL ENGINE FOR DRIVE OF HYDRAULIC PUMPS/ BOARD NET	NUMBER	1
GENERATOR	MAKE	CATERPILLAR
	TYPE	C32DITTA ACERT
	BORE	145MM
	STROKE	162MM
	CYLINDERS	12 IN V
	MEDIUM DUTY POWER	994 KW
	SPEED	1800 RPM
HYDRAULIC INSTALLATION		
HYDRAULIC PUMPS	TRIPLE OF VANE TYPE FOR CUTTER DRIVE	1
HYDRAULIC MOTORS	FOR LADDER WINCH	1
	FOR SWING WINCHES	1 EACH
SPUD HOISTING CYLINDERS	NUMBER	2
	STROKE OF CYLINDER	2.60 M
	SPUD STROKE EACH TIME	3.75 M APPROX.
SPUD CARRIAGE TRAVELLING CYLINDER	NUMBER	1
	STROKE OF CYLINDER	4.50 M
AUXILLIARY EQUIPMENT		
GLAND PUMP	CAPACITY	65M3/H
	MANOMETRIC HEAD	860 KPA
	CAPACITY	40 M3/H
	MANOMETRIC HEAD	50 KPA
RAW COLLING WATER PUMP OF THE AUX. DRIVE (SELF-PRIMING)		
FUEL OIL TRANSFER PUMP CAPACITY SET (ELECTRICALLY DRIVEN)	MANOMETRIC HEAD	1.4 M3/H 150 KPA
	SPEED	1450 RPM

PORTABLE BILGE PUMP (DIESEL DRIVEN)	DIESEL ENGINE	POWER	2.2 KW	DREDGING DEPTH	MAXIMUM	18M	HR/MD 121-26-60 3-BLADED
	SPEED	2650 RPM		SUBMERGED DREDGE PUMP	TYPE		
PUMP EXECUTION	SELF-PRIMING			PUMP	CURVE IMPELER		
CAPACITY	30 M3/H - 15 M3/H				HIGH EFFICIENCY SINGLE WALLED		
MANOMETRIC HEAD	140 KPA - 180 KPA				WEAR RESISTANT, LADDER MOUNTED		
ENGINE ROOM FAN	CAPACITY	1 X 26,000 M3/H		SUCTION PIPE	DIAMETER	650 MM	
				SPUDS	WALL THICKNESS	12 MM	
					DIAMETER	900 MM	
DREDGING INSTALLATION				DECK EQUIPMENT			
CUTTER	TYPE	IHC 20-CB-ACR-2220-550		LADDER WINCH	PULL AT 1ST LAYER 240 KN		
					HAULING SPEED AT 1ST LAYER	0-24 M/MIN.	
					WIRE DIAMETER	36MM	
					DRUM DIAMETER	762 MM	
				SWING WINCHES	NUMBER	2	
					PULL AT 1ST LAYER	240KN	
					HAULING SPEED AT 1ST LAYER	0-23 M/MIN.	
CONTINUOUS SHAFT POWER	651 KW						
MAXIMUM SHAFT POWER	700 KW, FOR RESTRICTED TIME						
TIME RESTRICTION	15 S						
SPEED	+14-20-24-29RPM			DECK CRANE (ELECTRIC)	WIRE DIAMETER	36 MM	
					DRUM DIAMETER	762 MM	
					HOISTING CAPACITY	40 KN	
					OUTREACH	5.1 M	



PRINCIPAL DIMENSIONS:

Length over all	58.00 m
Length over pontoon	43.50 m
Breadth over pontoon	12.44 m
Depth	2.97 m
Average draught	1.95 m
Dredge draught	18.00 m

IHC Beavers B.V.
P.O. Box 2
2060 AA Rotterdam, The Netherlands
www.ihc.com

GENERAL ARRANGEMENT
General arrangement Beaver 65 DSDP
18 m Coastal area, built-in spud carriage, salinel bend

NO	REVISED	DATE	BY
05-2019	01	05/04/2019	1300
Ready	78,278	BN	725-252-A



SEA GALAXY

TUG BOAT



PRINCIPAL PARTICULARS

YEAR OF BUILT	2013
BUILDER	MALAYSIA
FLAG	QATAR
CLASS	RINA
IMO NO	9694294
CALL SIGN	A7EM
GRT	146 TONS
NRT	44 TONS
ACCOMMODATION	10 MEN

MACHINERY

MAIN ENGINES	YAN-
MAR	
POWER	2 X 650
BHP	
GENERATORS	YANMAR
	(2 X 37.54 HP)
PROPELLERS	2 x 4 BLADES
GEAR BOX	REINTJES
OILY WATER SEPARATOR	YES
SEWAGE PLANT	YES
BOW THRUSTER	NO
BOLLARD PULL	20 TONS

PRINCIPAL DIMENSIONS

LOA	23.50 MTRS
BREADTH	7.31 MTRS
DEPTH	3.20 MTRS
DRAFT	2.69
MTRS	

TANK CAPACITIES

DIESEL FUEL OIL	81.36 TONS
POTABLE WATER	25.88 TONS
BALLAST	46.08 TONS
LUB OIL	0.49 TONS

CONSUMPTION

FUEL TYPE	MDO
DAILY CONSUMPTION:	
FREE RUNNING	2,900 LTRS
TOWING EMPTY BARGE	3,200 LTRS
TOWING LOADED BARGE	3,500 LTRS
IDLE	200 LTRS

SPEED

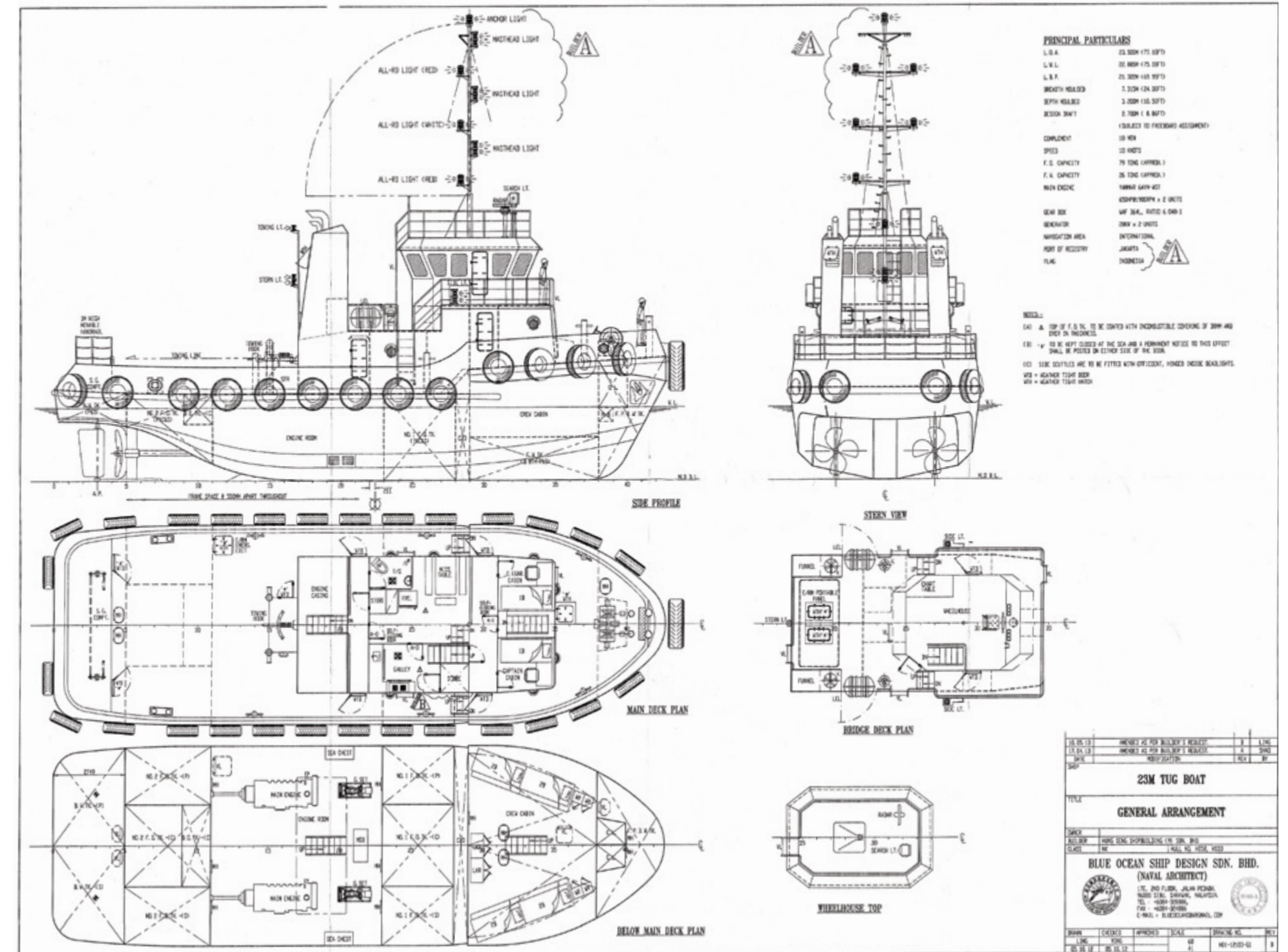
MAX. SPEED	10 KNOTS
TOWING SPEED:	
ECO SPEED	2.5 KNOTS
FULL SPEED	3.0 KNOTS

DECK EQUIPMENT

ANCHOR WINDLASS	YES
TOWING WINCH	NONE
TOWING HOOK	20 TON

NAVIGATION EQUIPMENT

AUTOPILOT	NO
GPS	YES
RADAR	YES
ECHO SOUNDER	YES
VHF RADIO	YES
SSB RADIO	YES
EPIRB	YES
NAVTEX	YES
INMARSAT-C	YES
GMDSS	YES
MAGNETIC COMPASS	YES
AIS	YES





POLLUX XX

TUG BOAT

PRINCIPAL PARTICULARS

YEAR OF BUILT	2009
BUILDER	MALAYSIA
FLAG	PANAMA
CLASS	RINA
IMO NO	9506992
CALL SIGN	HP8271
GRT	317 TONS
NRT	96 TONS
ACCOMMODATION	14 MEN

MACHINERY

MAIN ENGINES	CUMMINS
POWER	2 X 1600 BHP
GENERATORS	VOLVO PENTA AB 100 KVA
PROPELLERS	2 X 4 BLADES
GEAR BOX	TWINDISC NICO
OILY WATER SEPARATOR	YES
SEWAGE PLANT	YES
BOW THRUSTER	NO
BOLLARD PULL	41 TONS

PRINCIPAL DIMENSIONS

LOA	28.93 MTRS
BREADTH	9.50 MTRS
DEPTH	4.20 MTRS
DRAFT	3.20 MTRS

TANK CAPACITIES

DIESEL FUEL OIL	200 TONS
POTABLE WATER	36 TONS
BALLAST	12 TONS
LUB OIL	2.24 TONS

CONSUMPTION

FUEL TYPE	MGO
DAILY CONSUMPTION :	
FREE RUNNING	4,000 LTRS
TOWING EMPTY BARGE	4,500 LTRS
TOWING LOADED BARGE	4,800 LTRS
IDLE	500 LTRS

SPEED

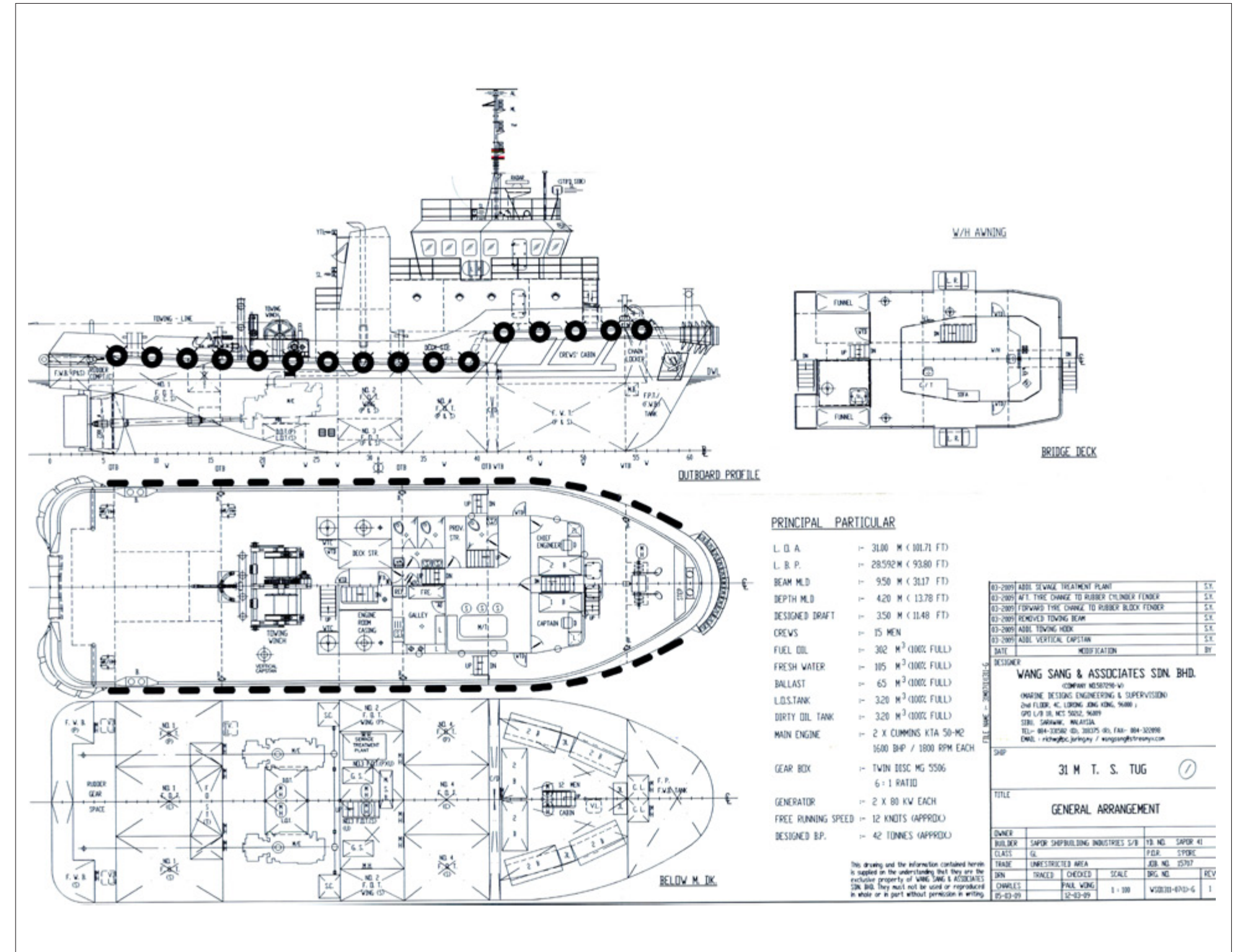
MAX. SPEED	10 KNOTS
TOWING SPEED :	
ECO SPEED	3.5 KNOTS
FULL SPEED	4.5 KNOTS

DECK EQUIPMENT

ANCHOR WINDLASS	YES
TOWING WINCH	YES
TOWING HOOK	40 TON CAPACITY

NAVIGATION EQUIPMENT

AUTOPILOT	YES
GPS	YES
RADAR	YES
ECHO SOUNDER	YES
VHF RADIO	YES
MF RADIO	YES
SURVIVAL RADIO	YES
SSB RADIO	YES
EPIRB	YES
NAVTEX	YES
INMARSAT-C	YES
GMDSS	YES
MAGNETIC COMPASS	YES
AIS	YES
SART	YES





PISCES XX

TUG BOAT



PRINCIPAL PARTICULARS

YEAR OF BUILT	2011
BUILDER	MALAYSIA
FLAG	PANAMA
CLASS	RINA
IMO NO	9519456
CALL SIGN	HO6943
GRT	298 TONS
NRT	90 TONS
ACCOMMODATION	14 MEN

MACHINERY

MAIN ENGINES	CUMMINS
POWER	2 X 1600 BHP
GENERATORS	CUMMINS (2 X 100 KVA)
PROPELLERS	2 X 4 BLADES
GEAR BOX	TWINDISC NICO CO LTD
OILY WATER SEPARATOR	YES
SEWAGE PLANT	YES
BOW THRUSTER	NO
BOLLARD PULL	40 TONS

PRINCIPAL DIMENSIONS

LOA	32.00
MTRS	
BREADTH	9.14 MTRS
DEPTH	4.20 MTRS
DRAFT	3.50 MTRS

TANK CAPACITIES

DIESEL FUEL OIL	212 TONS
POTABLE WATER	33 TONS
BALLAST	24 TONS
LUB OIL	3.5 TONS

CONSUMPTION

FUEL TYPE	MGO
DAILY CONSUMPTION:	
FREE RUNNING	4000 LTRS
TOWING EMPTY BARGE	4500 LTRS
TOWING LOADED BARGE	4800 LTRS
IDLE	500 LTRS

SPEED

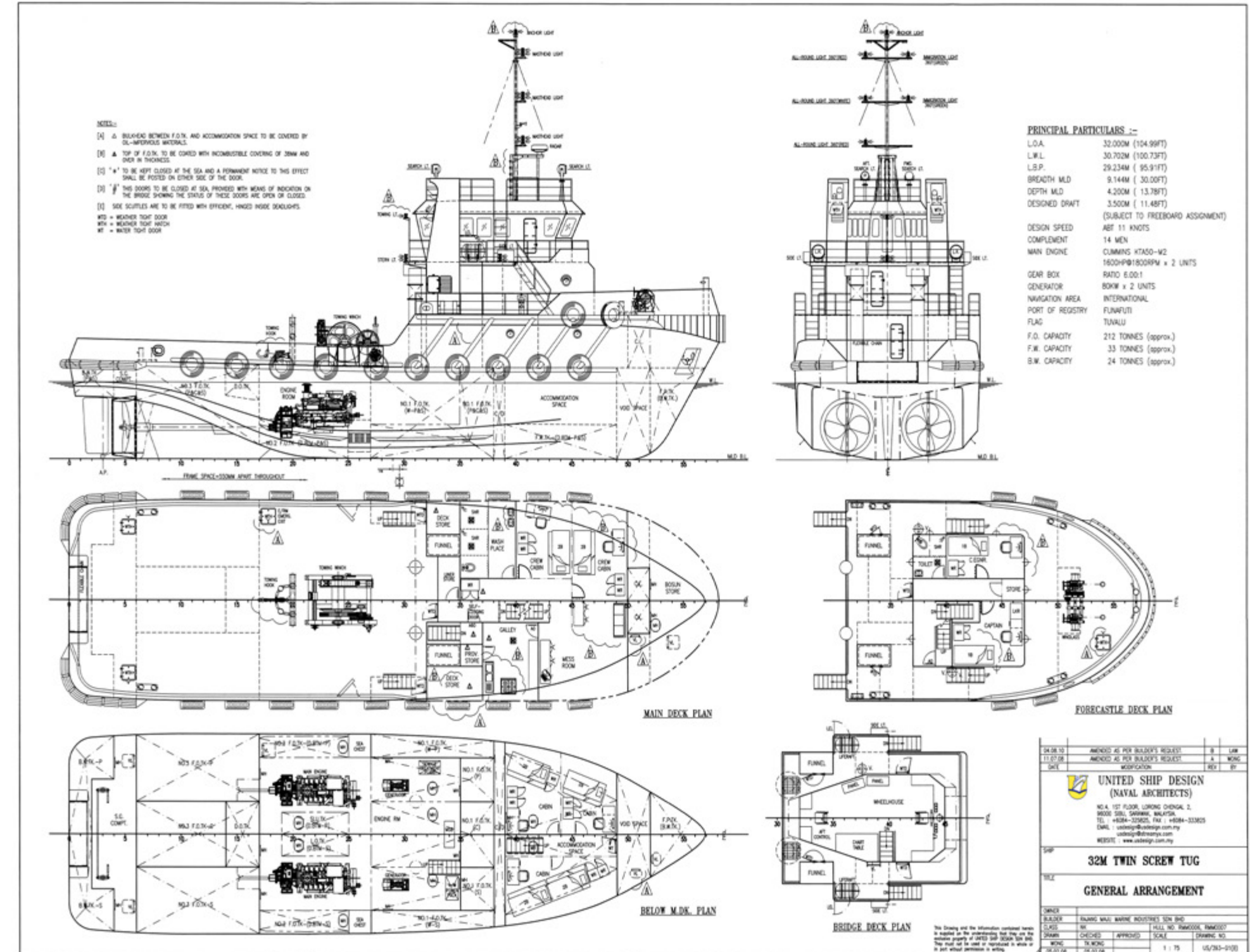
MAX. SPEED	10 KNOTS
TOWING SPEED:	
ECO SPEED	3.5 KNOTS
FULL SPEED	4.5 KNOTS

DECK EQUIPMENT

CHOR WINDLASS	AN-
YES	
TOWING WINCH	YES
TOWING HOOK	40 TON
CAPACITY	

NAVIGATION EQUIPMENT

AUTOPILOT	YES
GPS	YES
RADAR	YES
ECHO SOUNDER	YES
VHF RADIO	YES
SSB RADIO	YES
EPIRB	YES
NAVTEX	YES
INMARSAT-C	YES
GMDSS	YES
MAGNETIC COMPASS	YES
AIS	YES





PEGASUS XX

TUG BOAT



PRINCIPAL PARTICULARS

YEAR OF BUILT	2014
BUILDER	MALAYSIA
FLAG	PANAMA
CLASS	RINA
IMO NO	9519420
CALL SIGN	HP8137
GRT	298 TONS
NRT	90 TONS
ACCOMMODATION	14 MEN

MACHINERY

MAIN ENGINES	CUMMINS
POWER GENERATORS	2 X 1600 BHP CUMMINS (2 X 100 KVA)
PROPELLERS	2 X 4
BLADES	
GEAR BOX	REINTJES
OILY WATER SEPARATOR	YES
SEWAGE PLANT	YES
BOW THRUSTER	NO
BOLLARD PULL	41 TONS

PRINCIPAL DIMENSIONS

LOA	32 MTRS
BREADTH	9.14 MTRS
DEPTH	4.20 MTRS
DRAFT	3.5 MTRS

TANK CAPACITIES

DIESEL FUEL OIL	212.28 TONS
POTABLE WATER	32.67 TONS
BALLAST	22.94 TONS
LUB OIL	3.33 TONS

CONSUMPTION

FUEL TYPE	MGO
DAILY CONSUMPTION :	
FREE RUNNING	4,000 LTRS
TOWING EMPTY BARGE	4,500 LTRS
TOWING LOADED BARGE	4,800 LTRS
IDLE	500 LTRS

SPEED

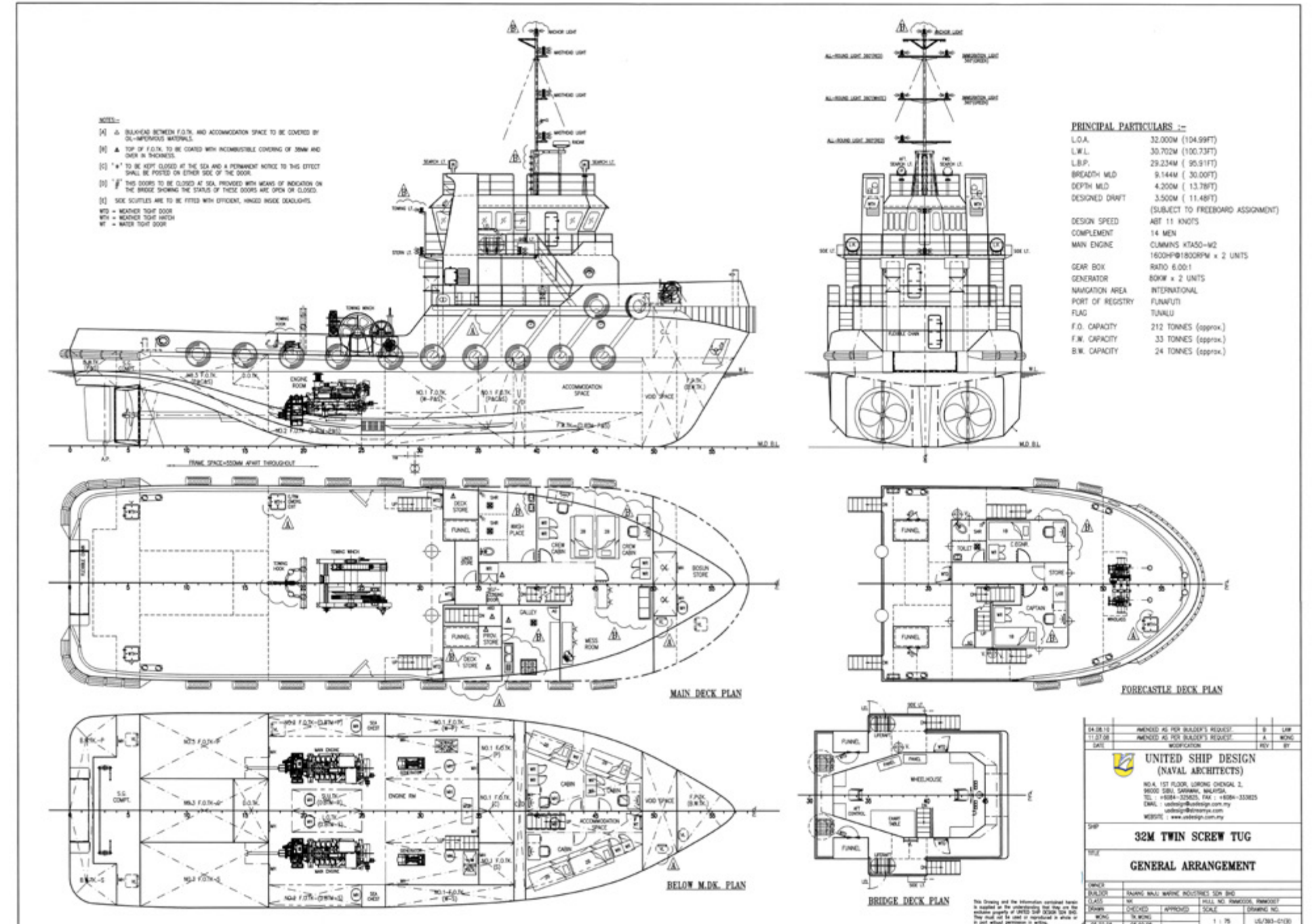
MAX. SPEED	10 KNOTS
TOWING SPEED :	
ECO SPEED	3.5 KNOTS
FULL SPEED	4.5 KNOTS

NAVIGATION EQUIPMENT

AUTOPILOT	YES
GPS	YES
RADAR	YES
ECHO SOUNDER	YES
VHF RADIO	YES
SSB RADIO	YES
EPIRB	YES
NAVTEX	YES
INMARSAT-C	YES
GMDSS	YES
MAGNETIC COMPASS	YES
AIS	YES

DECK EQUIPMENT

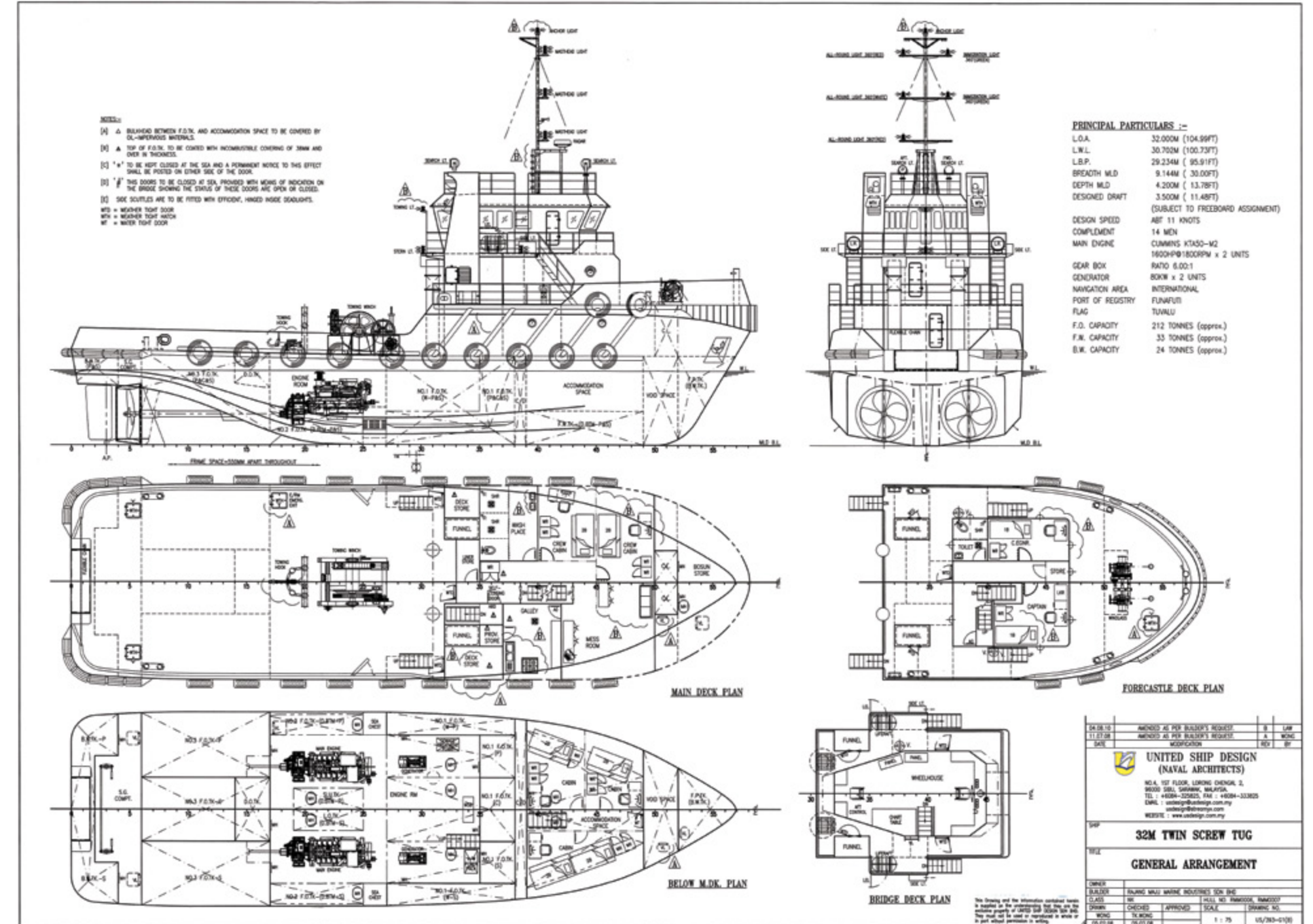
ANCHOR WINDLASS	YES
TOWING WINCH	YES
TOWING HOOK	40 TON
CAPACITY	





POLARIS XX

TUG BOAT



PRINCIPAL PARTICULARS

YEAR OF BUILT	2014
BUILDER	MALAYSIA
FLAG	PANAMA
CLASS	RINA
IMO NO	9519444
CALL SIGN	HP7900
GRT	298 TONS
NRT	90 TONS
ACCOMMODATION	14 MEN

PRINCIPAL DIMENSIONS

LOA	32 MTRS
BREADTH	9.14 MTRS
DEPTH	4.20 MTRS
DRAFT	3.5 MTRS

TANK CAPACITIES

DIESEL FUEL OIL TONS	81.36
POTABLE WATER TONS	25.88
BALLAST TONS	46.08
LUB OIL TONS	0.49 TONS

CONSUMPTION

FUEL TYPE	MDO
DAILY CONSUMPTION: FREE RUNNING LTRS	2,900
TOWING EMPTY BARGE LTRS	3,200
TOWING LOADED BARGE LTRS	3,500
IDLE	200 LTRS

SPEED

MAX. SPEED	10 KNOTS
TOWING SPEED: ECO SPEED	2.5 KNOTS
FULL SPEED	3.0 KNOTS

DECK EQUIPMENT

ANCHOR WINDLASS	YES
TOWING WINCH	NONE
TOWING HOOK	20 TON

NAVIGATION EQUIPMENT

AUTOPILOT	NO
GPS	YES
RADAR	YES
ECHO SOUNDER	YES
VHF RADIO	YES
SSB RADIO	YES
EPIRB	YES
NAVTEX	YES
INMARSAT-C	YES
GMDSS	YES
MAGNETIC COMPASS	YES
AIS	YES

MACHINERY

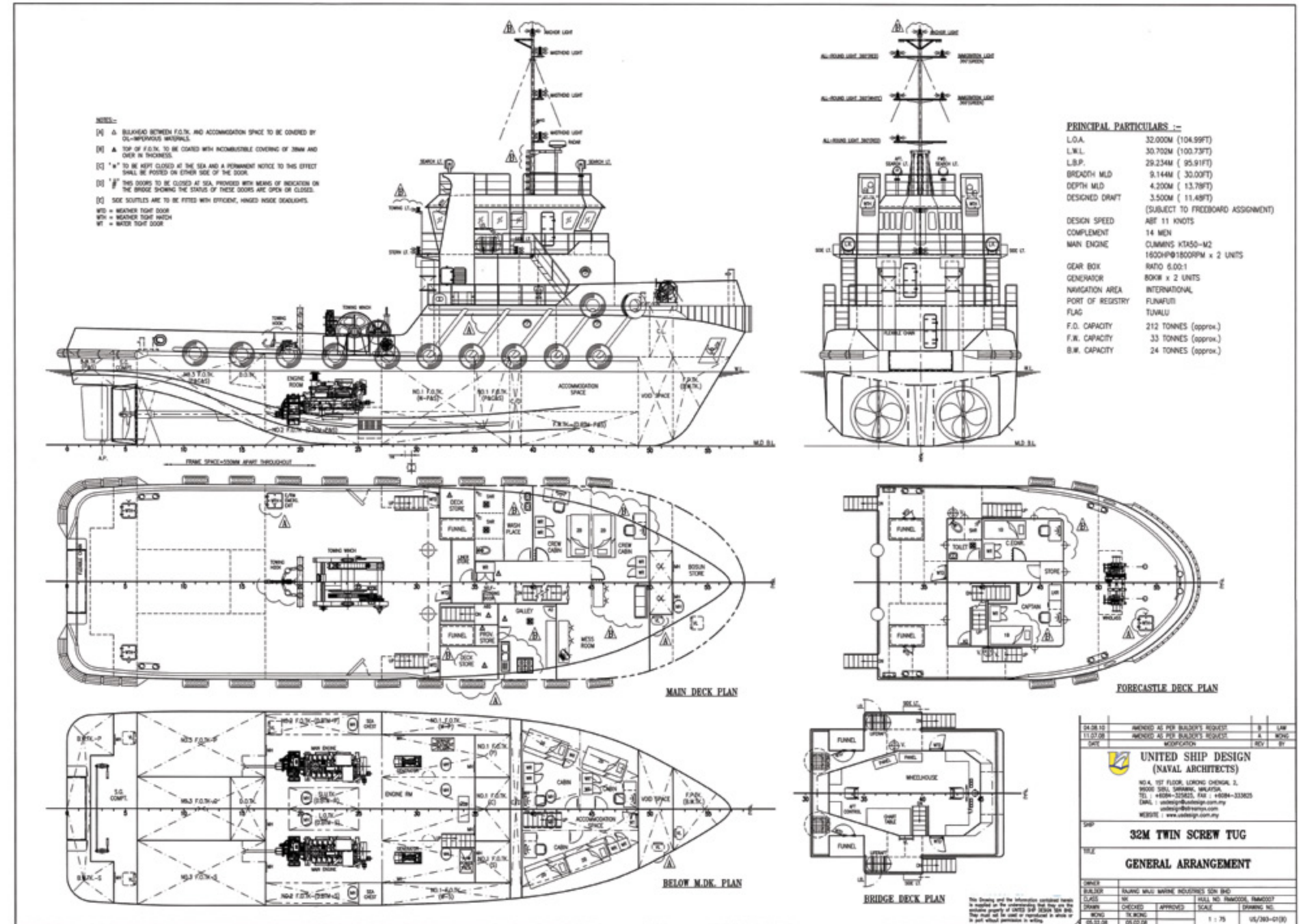
MAIN ENGINES	CUMMINS
POWER	2 X 1600 BHP
GENERATORS	CUMMINS (2 X 100 KVA)
PROPELLERS	2 X 4 BLADES
GEAR BOX	REINTJES
OILY WATER SEPARATOR	YES
SEWAGE PLANT	YES
BOW THRUSTER	NO
BOLLARD PULL	41 TONS

DATE	APPROVED BY	REVISED BY	SCALE	DATE
12/12/14	MR. S. S. SINGH	MR. S. S. SINGH	1:75	12/12/14
UNITED SHIP DESIGN (NAVAL ARCHITECTS)				
32M TWIN SCREW TUG				
GENERAL ARRANGEMENT				
OWNER	BLAISE MARINE INDUSTRIES SDN BHD	SCALE	1:75	DATE
DESIGNER	UNITED SHIP DESIGN	APPROVED	SCALE	DATE
CHECKED	APPROVED	SCALE	DATE	
DRAWN	DATE	SCALE	DATE	
REVISION	DATE	SCALE	DATE	



PHOENIX XX

TUG BOAT



PRINCIPAL PARTICULARS

YEAR OF BUILT	2014
BUILDER	MALAYSIA
FLAG	PANAMA
CLASS	RINA
IMO NO	9519432
CALL SIGN	HP7866
GRT	298 TONS
NRT	90 TONS
ACCOMMODATION	14 MEN

MACHINERY

MAIN ENGINES	CUMMINS
POWER	2 X 1600 BHP
GENERATORS	CUMMINS (2 X 100 KVA)
PROPELLERS	2 X 4 BLADES
GEAR BOX	TWIN DISC
OILY WATER SEPARATOR	YES
SEWAGE PLANT	YES
BOW THRUSTER	NO
BOLLARD PULL	41 TONS

PRINCIPAL DIMENSIONS

LOA	32 MTRS
BREADTH	9.14 MTRS
DEPTH	4.20 MTRS
DRAFT	3.5 MTRS

TANK CAPACITIES

DIESEL FUEL OIL	212.28 TONS
POTABLE WATER	32.67 TONS
BALLAST	22.94 TONS
LUB OIL	3.33 TONS

CONSUMPTION

FUEL TYPE	MGO
DAILY CONSUMPTION :	
FREE RUNNING	4,000 LTRS
TOWING EMPTY BARGE	4,500 LTRS
TOWING LOADED BARGE	4,800 LTRS
IDLE	500 LTRS

CONSUMPTION

MAX. SPEED	10 KNOTS
TOWING SPEED :	
TOWING ECO SPEED	3.5 KNOTS
TOWING FULL SPEED	4.5 KNOTS

DECK EQUIPMENT

ANCHOR WINDLASS	YES
TOWING WINCH	YES
TOWING HOOK	40 TON

NAVIGATION EQUIPMENT

AUTOPILOT	YES
GPS	YES
RADAR	YES
ECHO SOUNDER	YES
VHF RADIO	YES
SSB RADIO	YES
EPIRB	YES
NAVTEX	YES
INMARSAT-C	YES
GMDSS	YES
MAGNETIC COMPASS	YES
AIS	YES



PHANTOS XX

TUG BOAT



PRINCIPAL PARTICULARS

YEAR OF BUILT	2011
PLACE OF BUILT	CHINA
FLAG	PANAMA
CLASS	RINA
IMO NO	9573036
CALL SIGN	HO9292
GRT	249 TONS
NRT	74 TONS
ACCOMMODATION	14 MEN

MACHINERY

MAIN ENGINES	YANMAR
POWER GENERATORS	2 X 1600 BHP VOLVO PENTA AB (2 X 187.7 HP)
PROPELLERS	2 X 4 BLADES
GEAR BOX	YANMAR MARINE
OILY WATER SEPARATOR	YES
SEWAGE PLANT	YES
BOW THRUSTER	YES
BOLLARD PULL	40 TONS

PRINCIPAL DIMENSIONS

LOA	27.49 MTRS
BREADTH	9.00 MTRS
DEPTH	4.16 MTRS
DRAFT	3.50 MTRS

TANK CAPACITIES

DIESEL FUEL OIL	200 TONS
POTABLE WATER	36 TONS
BALLAST	12 TONS
LUB OIL	2.24 TONS

CONSUMPTION

FUEL TYPE	MGO
DAILY CONSUMPTION:	
FREE RUNNING	4800 LTRS
TOWING EMPTY BARGE	5000 LTRS
TOWING LOADED BARGE	5300 LTRS
IDLE	500 LTRS

SPEED

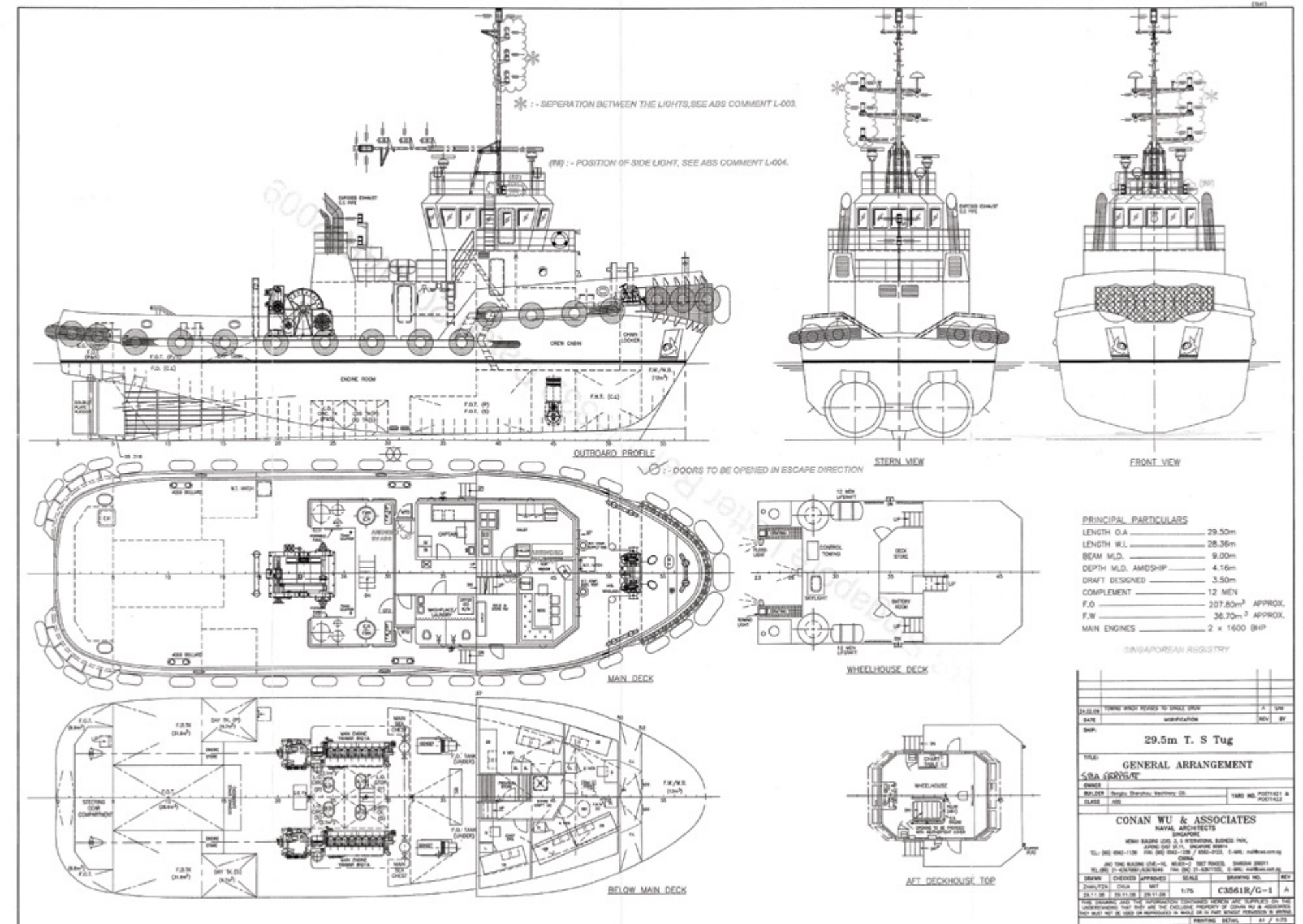
MAX. SPEED	10 KNOTS
TOWING SPEED:	
ECO SPEED	4.5 KNOTS
FULL SPEED	4.0 KNOTS

DECK EQUIPMENT

ANCHOR WINDLASS	YES
TOWING WINCH	YES
TOWING HOOK	50 TON

NAVIGATION EQUIPMENT

AUTOPILOT	YES
GPS	YES
RADAR	YES
ECHO SOUNDER	YES
VHF RADIO	YES
SSB RADIO	YES
EPIRB	YES
NAVTEX	YES
INMARSAT-C	YES
GMDSS	YES
MAGNETIC COMPASS	YES
AIS	YES



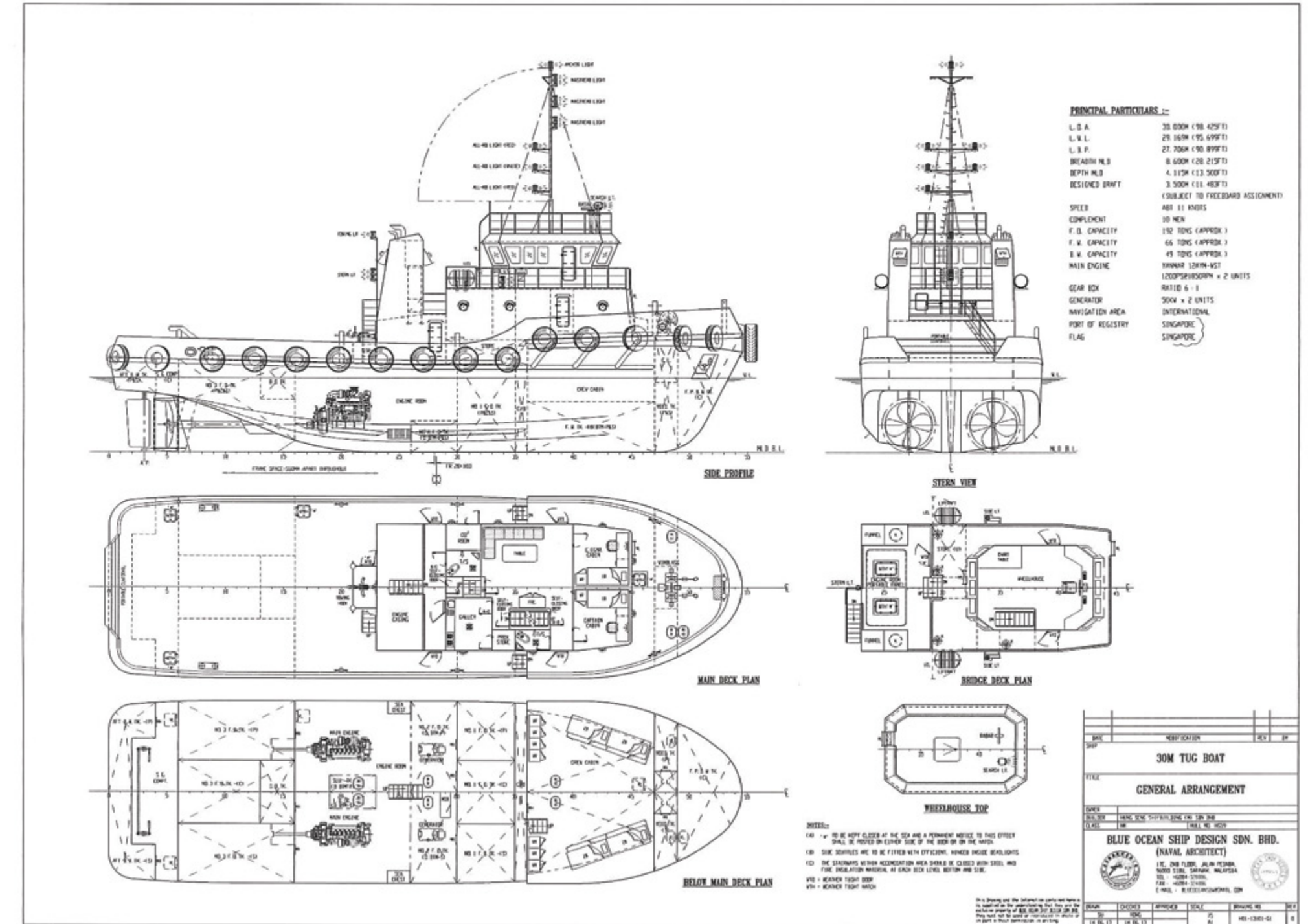
PRINCIPAL PARTICULARS	
LENGTH O.A.	29.50m
LENGTH W.L.	28.36m
BEAM M.D.	9.00m
DEPTH M.D. AMIDSHIP	4.16m
DRAFT DESIGNED	3.50m
COMPLEMENT	12 MEN
F.O.	207.80m ³ APPROX.
F.W.	36.70m ³ APPROX.
MAIN ENGINES	2 x 1600 BHP

SINGAPOREAN REGISTRY	
TITLE: 29.5m T. S Tug	
GENERAL ARRANGEMENT	
SBA 00000000	
CONAN WU & ASSOCIATES	
NAVAL ARCHITECTS	
1001 BRIDGE ROAD, #04-01, SINGAPORE 100476	
TEL: 65 6336 1111 FAX: 65 6336 1112	
WWW.CONANWU.COM	
DATE: 15/01/2011	
SCALE: 1:100	
CLASS: CSM1B/C-1 A	
DRAWING NO: 1001/0000	
SHEET NO: 1 OF 7	



PROCYON XX

TUG BOAT



PRINCIPAL PARTICULARS

YEAR OF BUILT	2014
PLACE OF BUILT	MALAYSIA
FLAG	PANAMA
CLASS	RINA
IMO NO	9761009
CALL SIGN	A7EU
GRT	273 TONS
NRT	82 TONS
ACCOMMODATION	12 MEN

MACHINERY

MAIN ENGINES	MIT-
SUBISHI	
POWER	2 X
1017 BHP	
GENERATORS	CUMMINS
	(2 X 78 KVA)
PROPELLERS	2 X 4 BLADES
GEAR BOX	HITACHI
	NGN 91 BL
OILY WATER SEPARATOR	YES
SEWAGE PLANT	YES
BOW THRUSTER	YES
BOLLARD PULL	25 TONS

PRINCIPAL DIMENSIONS

LOA	28.00 MTRS
BREADTH	8.60 MTRS
DEPTH	4.12 MTRS
DRAFT	3.50 MTRS

TANK CAPACITIES

DIESEL FUEL OIL	192 TONS
POTABLE WATER	66 TONS
BALLAST	67 TONS
LUB OIL	

CONSUMPTION

FUEL TYPE	MGO
DAILY CONSUMPTION:	
FREE RUNNING	2800 LTRS
TOWING EMPTY BARGE	3500 LTRS
TOWING LOADED BARGE	3800 LTRS
IDLE	300 LTRS

SPEED

MAX. SPEED	10 KNOTS
TOWING SPEED:	
ECO SPEED	4.5 KNOTS
FULL SPEED	4.0 KNOTS

DECK EQUIPMENT

ANCHOR WINDLASS	YES
TOWING WINCH	YES
TOWING HOOK	25
TON	

NAVIGATION EQUIPMENT

AUTOPILOT	YES
GPS	YES
RADAR	YES
ECHO SOUNDER	YES
VHF RADIO	YES
SSB RADIO	YES
EPIRB	YES
NAVTEX	YES
INMARSAT-C	YES
GMDSS	YES
MAGNETIC COMPASS	YES
AIS	YES



VEGA X

FLAT TOP BARGE



PRINCIPAL PARTICULARS

VESSEL TYPE	FLAT TOP
BARGE	
SHAPE	SHIP SHAPE
YEAR OF BUILT	2014
PLACE OF BUILT	CHINA
FLAG	PANAMA
CLASS	RINA
GRT	4,270 TONS
NRT	1,281 TONS

PRINCIPAL DIMENSIONS

LOA	100.65 MTRS
BREADTH MOULDED	27.45 MTRS
DEPTH MOULDED	6.41 MTRS
DRAFT MOULDED	5.086 MTRS

CARGO CAPACITY

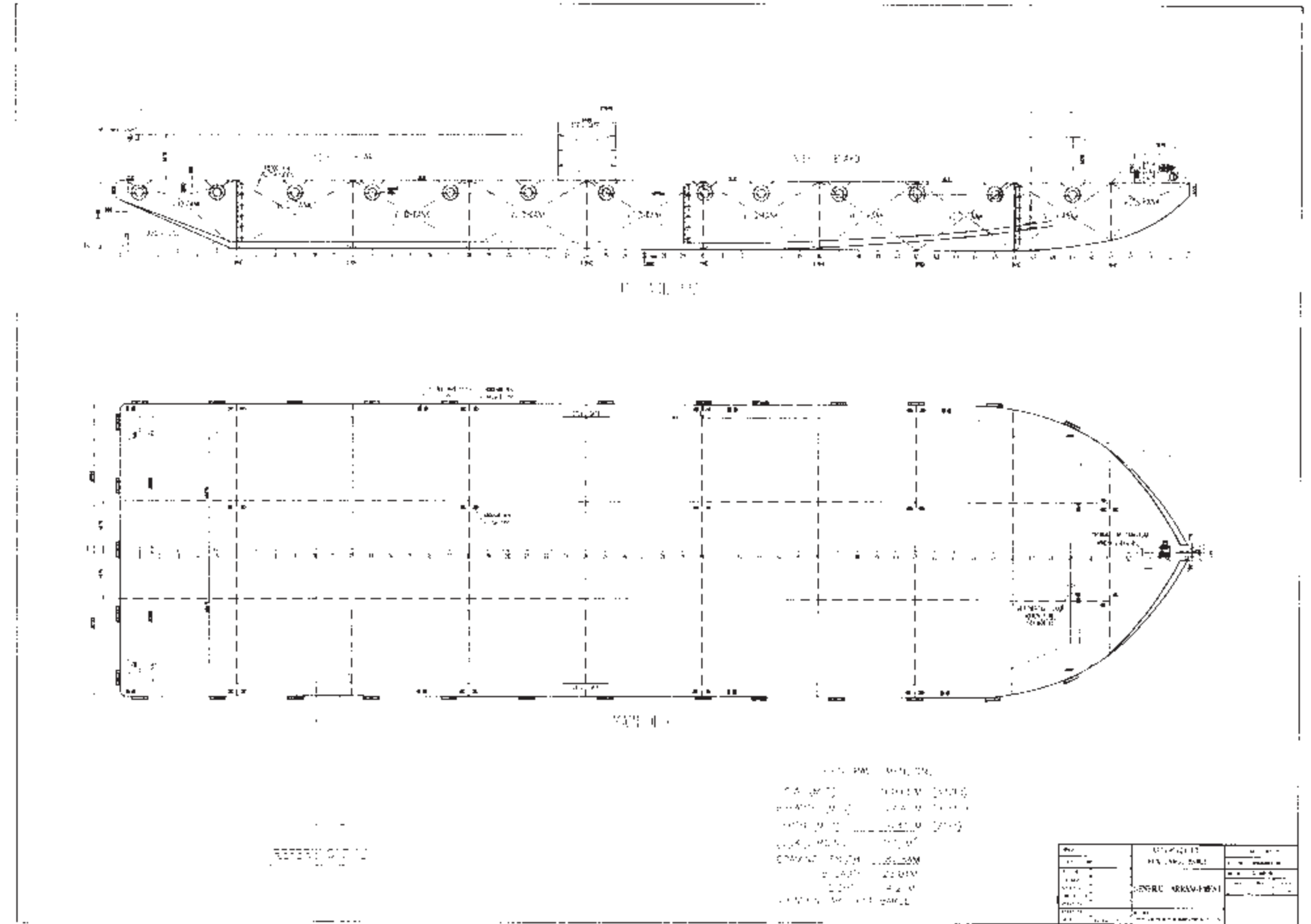
DEADWEIGHT	10,490 TONS
SUMMER	10,000 TONS
TROPICAL	10,299 TONS

DECK PARTICULARS

CLEAR DECK AREA	90.0 MTRS X 24.50
MTRS	
DECK STRENGTH	15 T/M2

OTHER PARTICULARS

DOORS	BOTH SIDES, MIDSHIP
SIDEWALL HEIGHT	4 MTRS
ANCHOR	YES - FORWARD





RIGEL X

FLAT TOP BARGE



PRINCIPAL PARTICULARS

VESSEL TYPE	FLAT TOP
BARGE	
SHAPE	SHIP SHAPE
YEAR OF BUILT	2004
PLACE OF BUILT	INDONESIA
FLAG	PANAMA
CLASS	RINA
GRT	4,781 TONS
NRT	1,434 TONS

PRINCIPAL DIMENSIONS

LOA	106.24 MTRS
BREADTH MOULDED	27.43 MTRS
DEPTH MOULDED	6.71 MTRS
DRAFT MOULDED	5.229 MTRS

CARGO CAPACITY

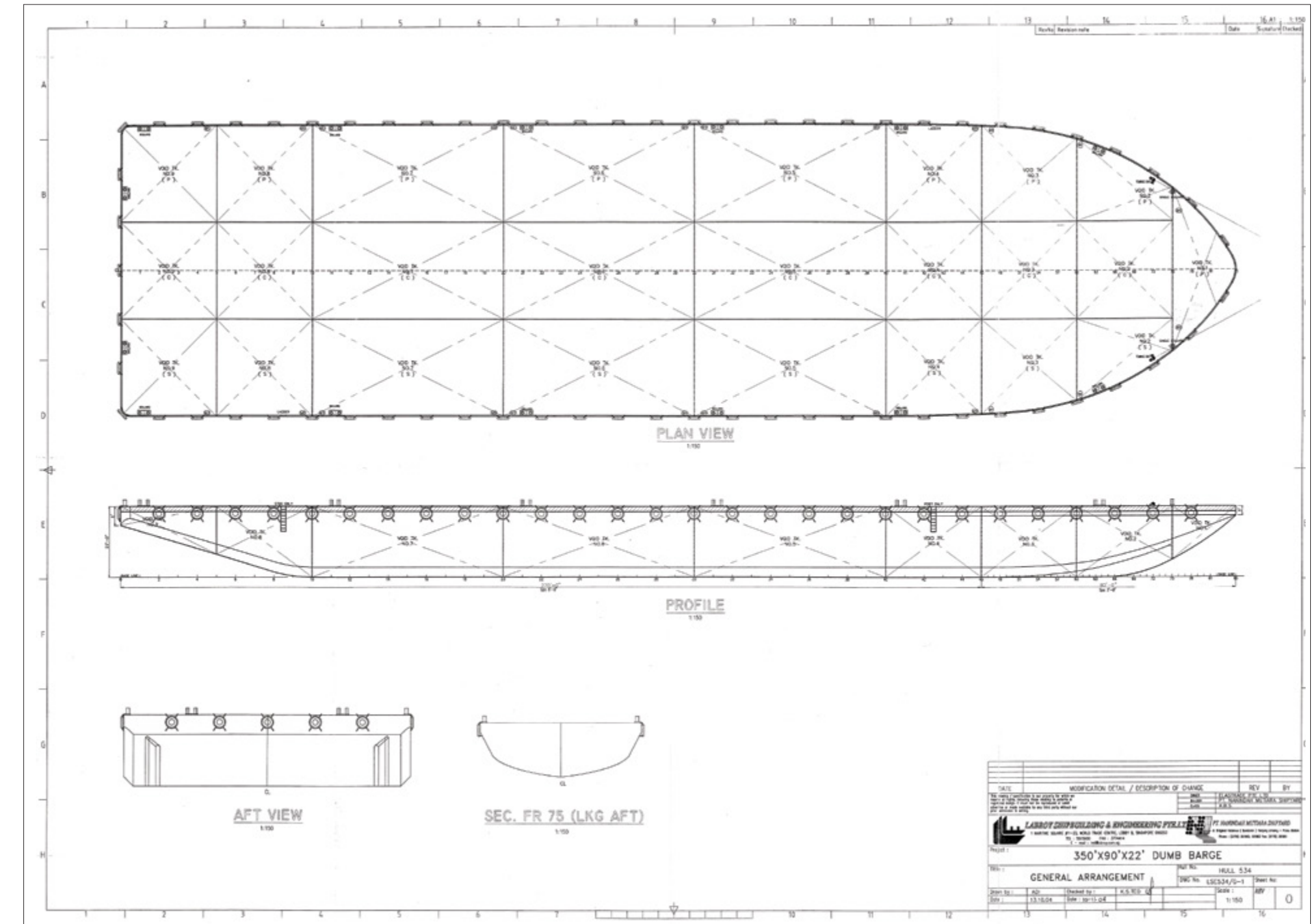
DEADWEIGHT	11,155.50 TONS
SUMMER TONNAGE	10,700 TONS
TROPICAL TONNAGE	11,000 TONS

DECK PARTICULARS

CLEAR DECK AREA	96.0 MTRS x 24.0 MTRS
DECK STRENGTH	15 T/M2

OTHER PARTICULARS

DOORS	BOTH SIDES, MIDSHIP
SIDEWALL HEIGHT	4 MTRS
ANCHOR	YES - AFT





LEO X
FLAT TOP BARGE

PRINCIPAL PARTICULARS

VESSEL TYPE	FLAT TOP
BARGE	
SHAPE	SHIP SHAPE
YEAR OF BUILT	2014
PLACE OF BUILT	CHINA
FLAG	PANAMA
CLASS	RINA
GRT	4,539 TONS
NRT	1,361 TONS

PRINCIPAL DIMENSIONS

LOA	96.65 MTRS
BREADTH MOULDED	27.45 MTRS
DEPTH MOULDED	6.41 MTRS
DRAFT MOULDED	5.046 MTRS

CARGO CAPACITY

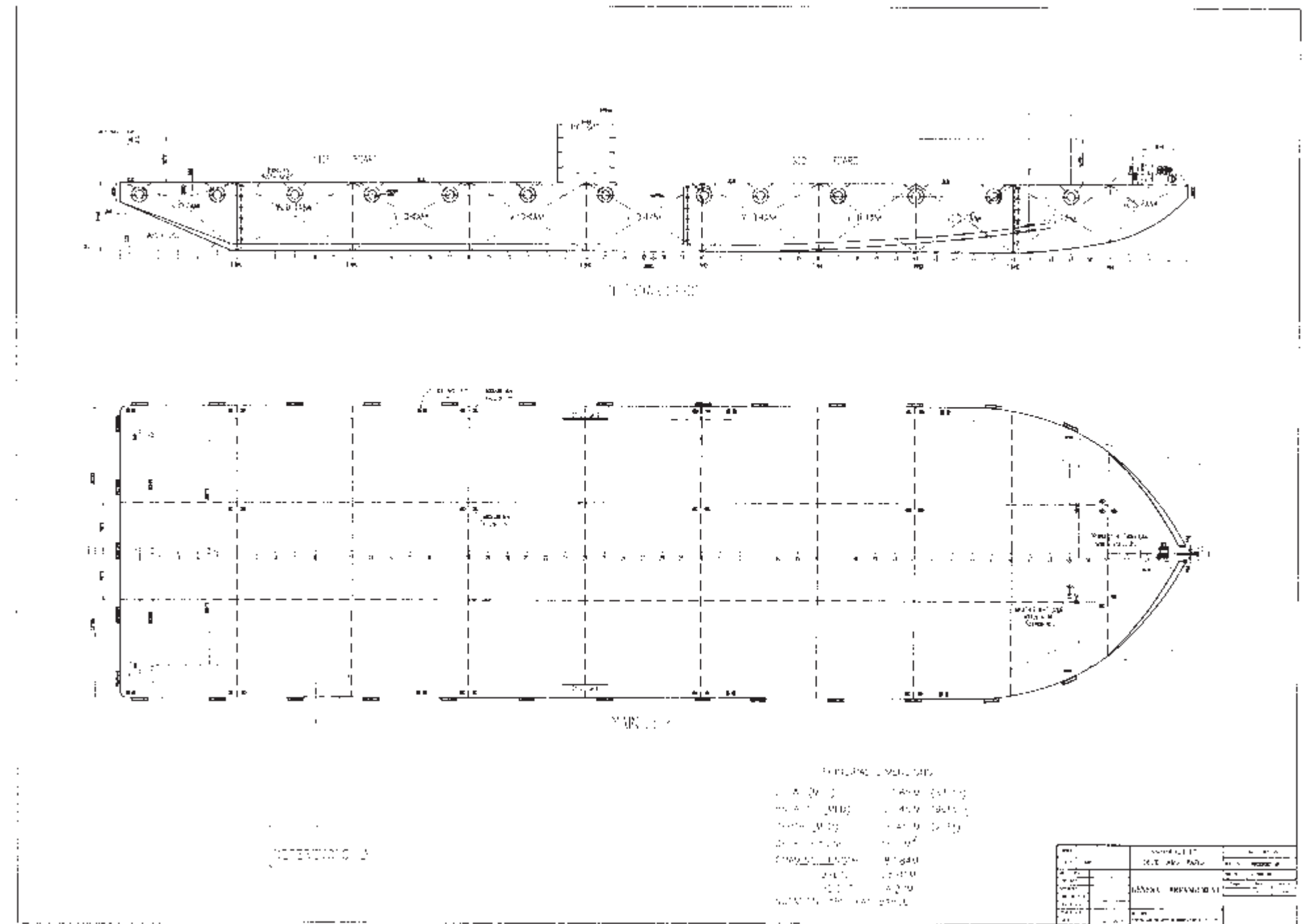
DEADWEIGHT	10,973 TONS
SUMMER TONNAGE	10,500 TONS
TROPICAL TONNAGE	10,800 TONS

DECK PARTICULARS

CLEAR DECK AREA	86.5 MTRS X 24.5 MTRS
DECK STRENGTH	15 T/M2

OTHER PARTICULARS

DOORS	BOTH SIDES, MIDSHIP
HEIGHT	4 MTRS
ANCHOR	YES - FORWARD





SCORPIO D

FLAT TOP BARGE

PRINCIPAL PARTICULARS

VESSEL TYPE	CARGO BARGE
SHAPE	SHIP SHAPE
YEAR OF BUILT	2004
PLACE OF BUILT	INDONESIA
FLAG	PANAMA
CLASS	IRS
GRT	2,938 TONS
NRT	881 TONS

PRINCIPAL DIMENSIONS

LOA	87.78 MTRS
BREADTH MOULDED	24.384 MTRS
DEPTH MOULDED	5.486 MTRS
DRAFT MOULDED	4.272 MTRS

CARGO CAPACITY

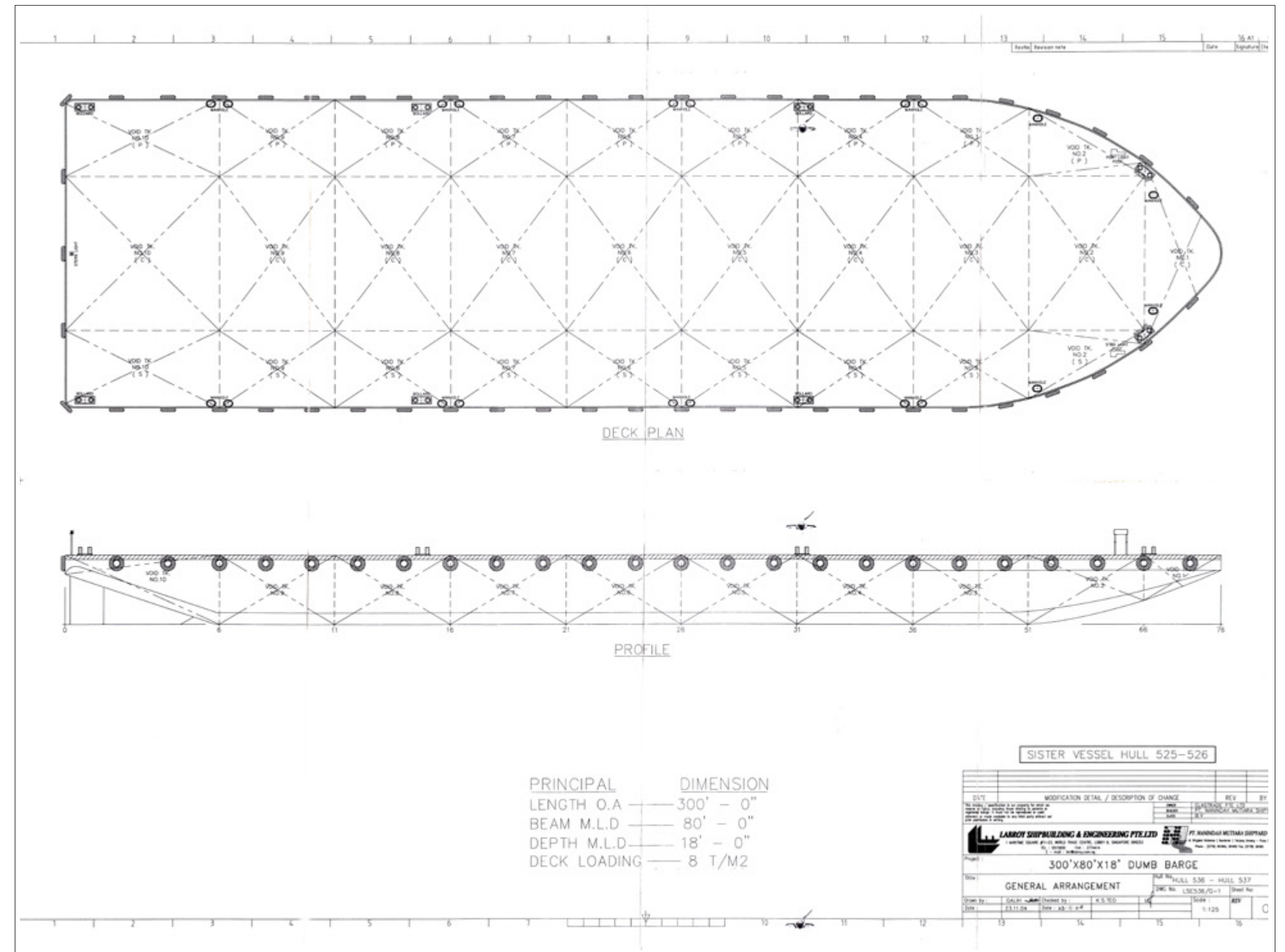
DEADWEIGHT	7,130 TONS
SUMMER TONNAGE	5,600 TONS
TROPICAL TONNAGE	7,100 TONS

DECK PARTICULARS

CLEAR DECK AREA	80 MTRS x 22 MTRS
DECK STRENGTH	8 T/M2

OTHER PARTICULARS

DOORS	BOTH SIDES, MIDSHIP
SIDEWALL HEIGHT	2.2 MTRS
ANCHOR	NO





ATLAS V

FLAT TOP BARGE

PRINCIPAL PARTICULARS

VESSEL TYPE	FLAT TOP
BARGE	SHIP SHAPE
SHAPE	2013
YEAR OF BUILT	CHINA
PLACE OF BUILT	PANAMA
FLAG	RINA
CLASS	2,144 TONS
GRT	643 TONS
NRT	

PRINCIPAL DIMENSIONS

LOA	82.30 MTRS
BREADTH MOULDED	21.40 MTRS
DEPTH MOULDED	4.90 MTRS
DRAFT MOULDED	3.20 MTRS

CARGO CAPACITY

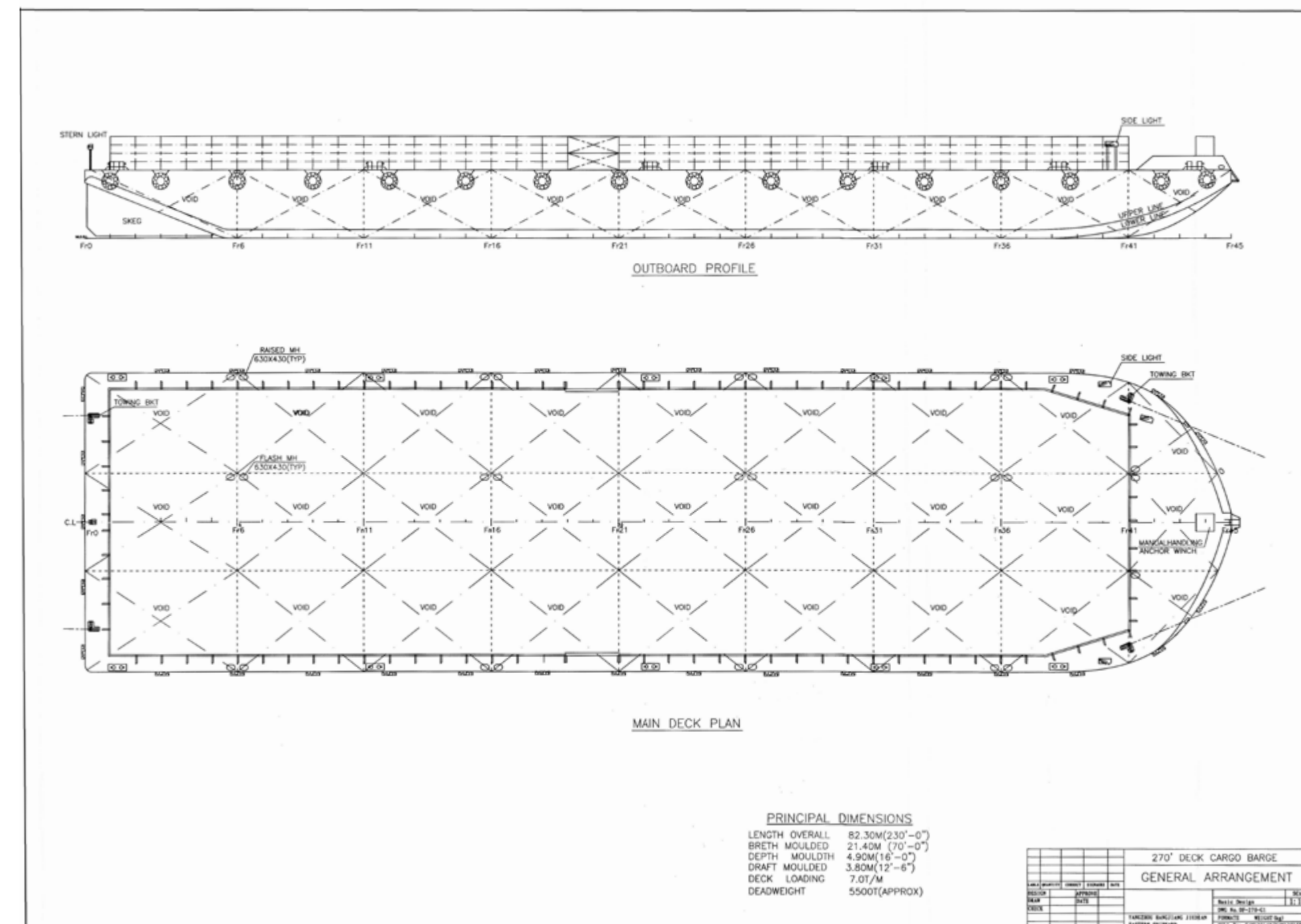
DEADWEIGHT	5,500 TONS
SUMMER	5,000 TONS
TROPICAL	5,100 TONS

DECK PARTICULARS

CLEAR DECK AREA	73.2 MTRS X 19.1 MTRS
DECK STRENGTH	15 T/M2

OTHER PARTICULARS

DOORS	BOTH SIDES, MIDSHIP
SIDEWALL HEIGHT	4 MTRS
ANCHOR	YES - FORWARD





ARIES V

FLAT TOP BARGE



PRINCIPAL PARTICULARS

VESSEL TYPE	FLAT TOP BARGE
SHAPE	SHIP SHAPE
YEAR OF BUILT	2013
PLACE OF BUILT	CHINA
FLAG	PANAMA
CLASS	RINA
GRT	2,144 TONS
NRT	643 TONS

PRINCIPAL DIMENSIONS

LOA	82.30 MTRS
BREADTH MOULDED	21.40 MTRS
DEPTH MOULDED	4.90 MTRS
DRAFT MOULDED	3.20 MTRS

CARGO CAPACITY

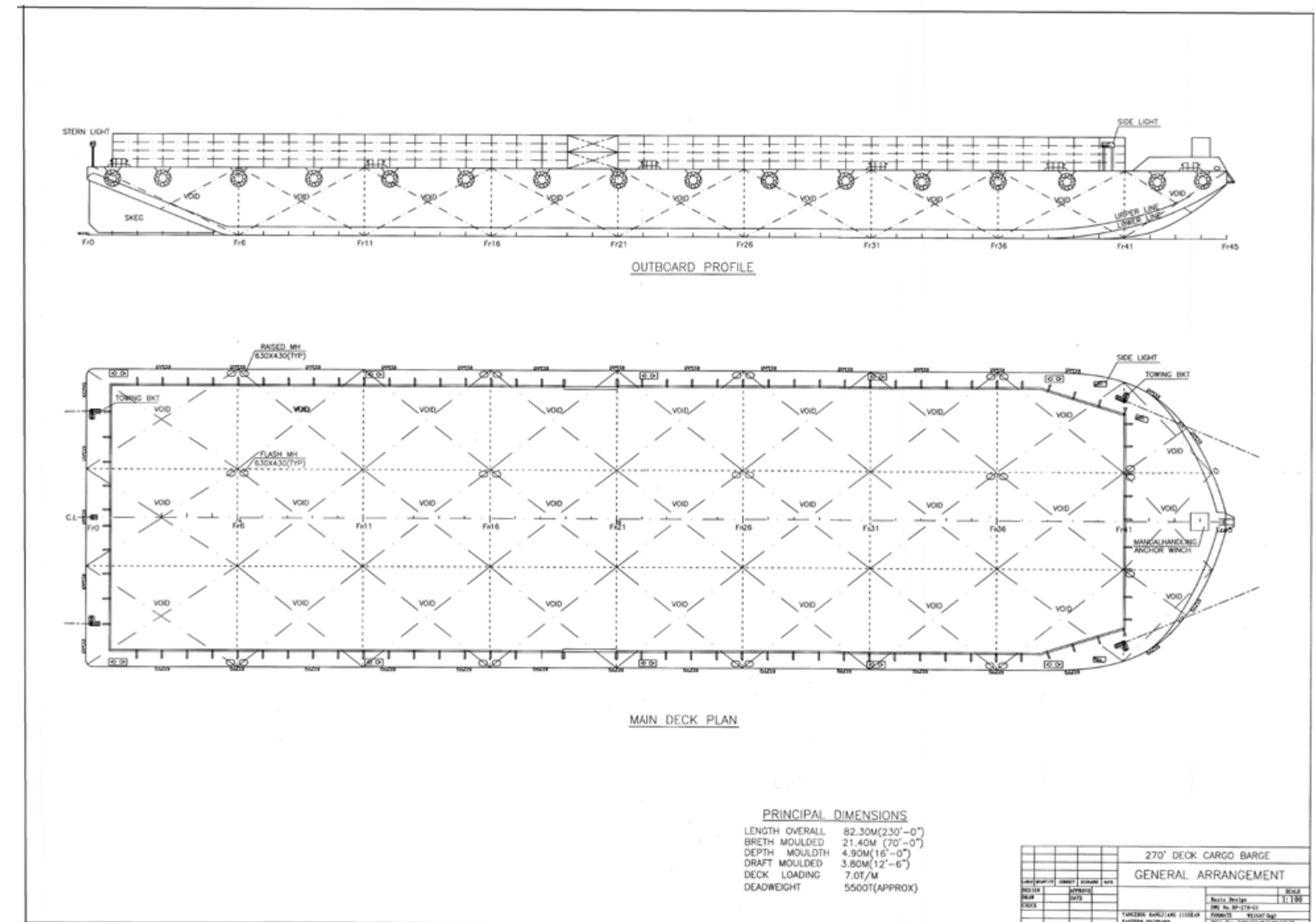
DEADWEIGHT	5,500 TONS
SUMMER	4,860 TONS
TROPICAL	5,100 TONS

DECK PARTICULARS

CLEAR DECK AREA	73.2 MTRS X 19.1 MTRS
DECK STRENGTH	15 T/M2

OTHER PARTICULARS

DOORS	BOTH SIDES, MIDSHIP
SIDEWALL HEIGHT	4 MTRS
ANCHOR	YES - FORWARD





ARCHER V

FLAT TOP BARGE



PRINCIPAL PARTICULARS

VESSEL TYPE	FLAT TOP BARGE
SHAPE	BOX
YEAR OF BUILT	2014
PLACE OF BUILT	CHINA
FLAG	PANAMA
CLASS	RINA
GRT	2,314 TONS
NRT	694 TONS

PRINCIPAL DIMENSIONS

LOA	76.20 MTRS
BREADTH MOULDED	24.38 MTRS
DEPTH MOULDED	4.88 MTRS
DRAFT MOULDED	3.62 MTRS

CARGO CAPACITY

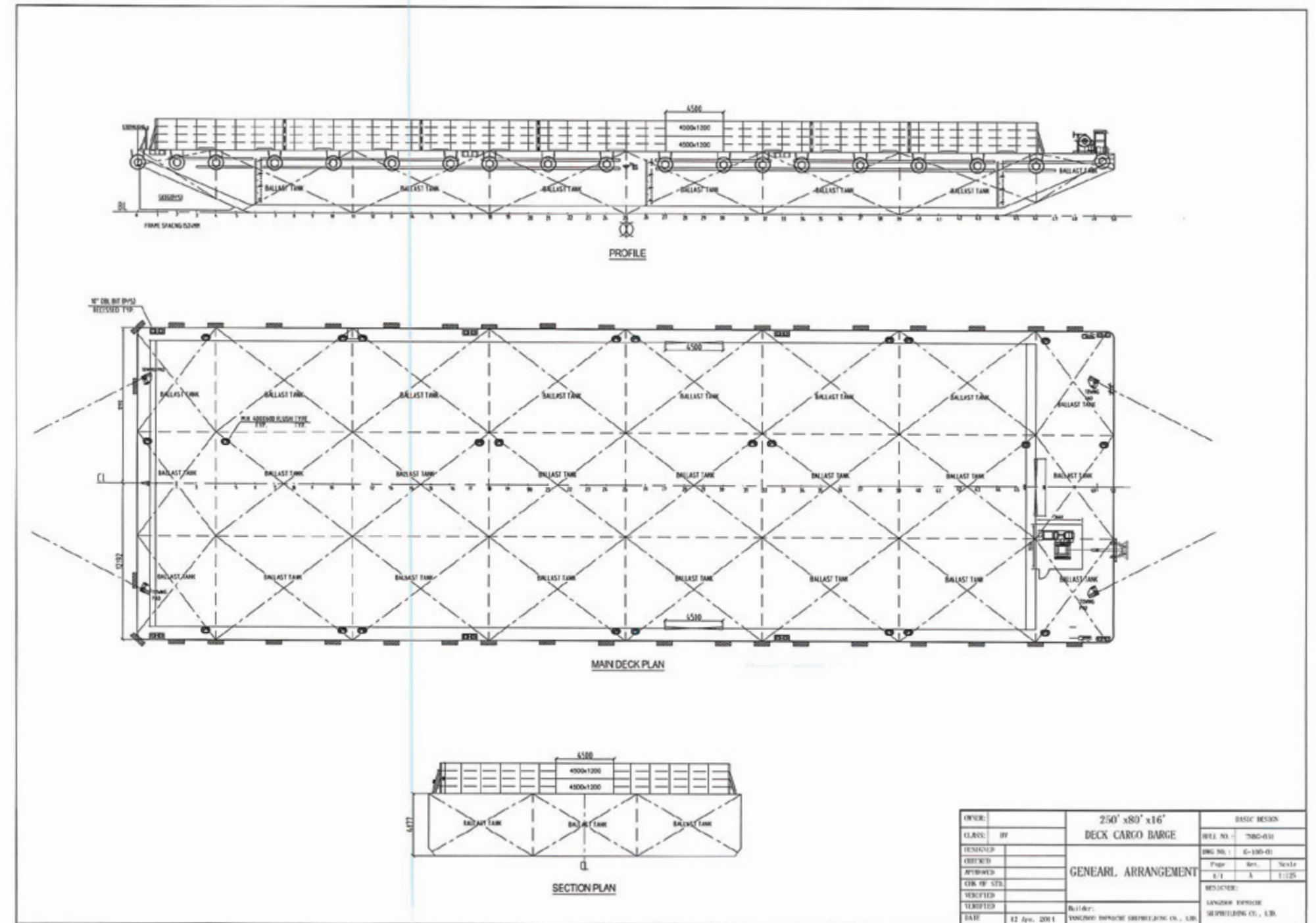
DEADWEIGHT	4,905 TONS
SUMMER TONNAGE	4,800 TONS
TROPICAL TONNAGE	4,900 TONS

DECK PARTICULARS

CLEAR DECK AREA	65 MTRS X 20 MTRS
DECK STRENGTH	20 T/M2

OTHERS

SIDE STANCHIONS / HEIGHT	YES STEEL PIPES / 1.2 MTRS
STANCHIONS HEIGHT	1.2 MTRS
ANCHOR / WIRE LENGTH	YES - FORWARD / 200 MTRS
DAMAGE CONTROL BOX	YES
SALVAGE PUMP	YES
DELTA PLATE RECOVERY WINCH	YES





ALTAIR I

SPUD BARGE

PRINCIPAL PARTICULARS

VESSEL TYPE	SPUD BARGE
SHAPE	BOX
YEAR OF BUILT	2014
PLACE OF BUILT	CHINA
FLAG	PANAMA
CLASS	IRS
GRT	2326 TONS
NRT	697 TONS
DEADWEIGHT	4900 TONS

PRINCIPAL DIMENSIONS

LOA	76.20 MTRS
BREADTH MOULDED	24.38 MTRS
DEPTH MOULDED	4.88 MTRS
DRAFT MOULDED	3.62 MTRS
LIGHT DRAFT	1.20 MTRS

BARGE MOORING SYSTEM

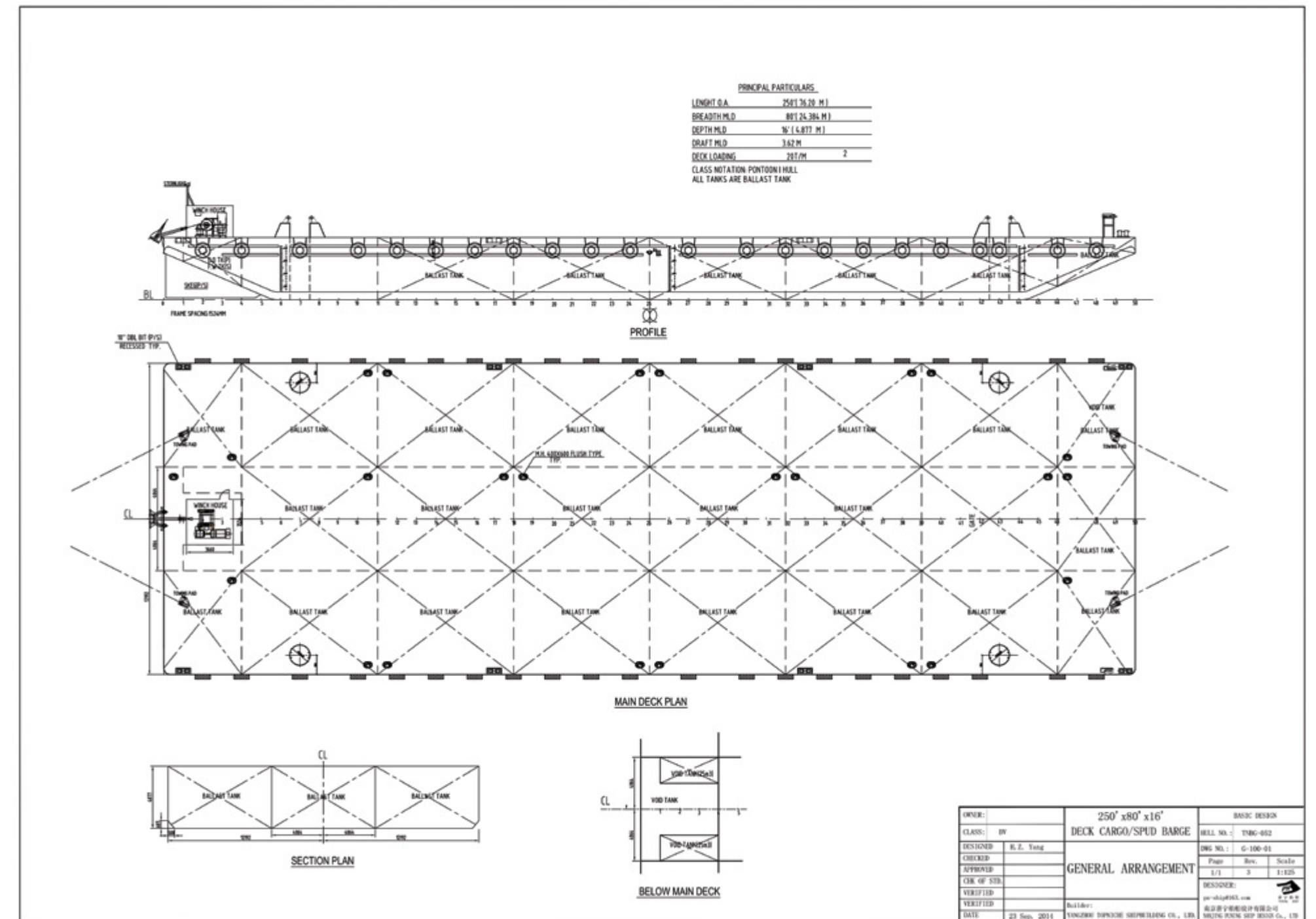
SPUDS	4 NOS
SPUD DIAMETER	120 CMTRS
SPUD LENGTH	18 MTRS
4 POINT MOORING SYSTEM	YES
SPUD WINCHES	4 X 15 TONS
WINCHES SPECIFICATION OF SPUDS	ELECTRO HYDRAULIC SINGLE DRUM WINCHES
ANCHOR	4 NOS - 3,000 KGS EACH
ANCHOR WINCHES	4 X 10 TONS
ANCHOR WIRE LENGTH	200 MTRS
POWER GENERATOR	2 X AC GENERATOR @ 1500 RPM
POWER GENERATOR CAPACITY	250 KVA + 80 KVA

DECK PARTICULARS

DECK STRENGTH	20 T/M2
DECK AREA	1857 M2

OTHER PARTICULARS

FRESH WATER TANK	10 TONS
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HAMAL II

SPUD BARGE

PRINCIPAL PARTICULARS

VESSEL TYPE	SPUD BARGE
SHAPE	BOX
YEAR OF BUILT	2011
PLACE OF BUILT	BAHRAIN
FLAG	PANAMA
CLASS	RINA
GRT	980 TONS
NRT	294 TONS
DEADWEIGHT	2,406 TONS

PRINCIPAL DIMENSIONS

LOA	54.86 MTRS
BREADTH MOULDED	18.29 MTRS
DEPTH MOULDED	3.96 MTRS
DRAFT MOULDED	3.22 MTRS
LIGHT DRAFT	0.70 MTRS

BARGE MOORING SYSTEM

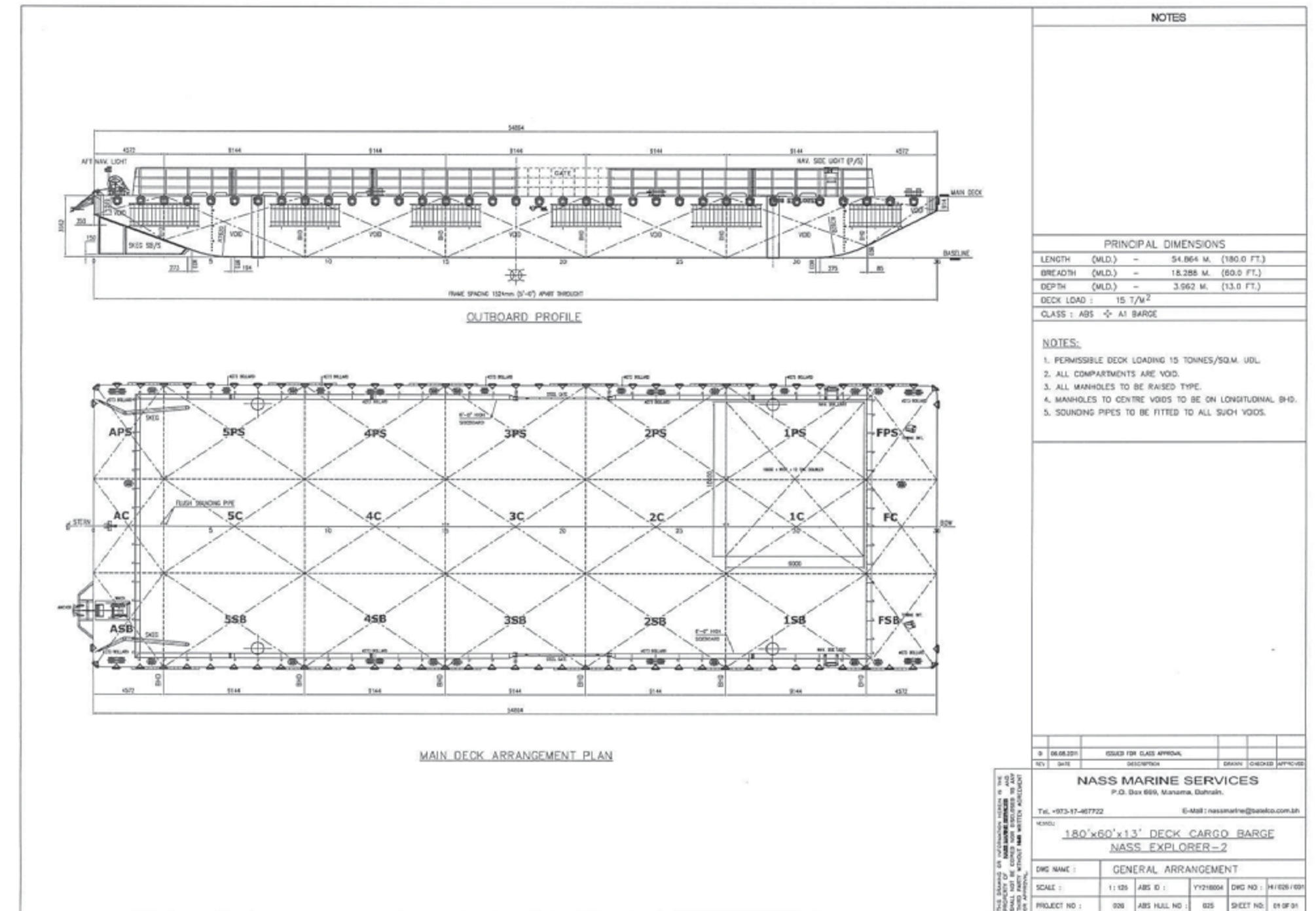
SPUDS	4 NOS
SPUD DIAMETER	72 CMTRS
SPUD LENGTH	18 MTRS
4 POINT MOORING SYSTEM	YES
SPUD WINCHES	4 X 15 TONS
WINCHES SPECIFICATION OF SPUDS	ELECTRO HYDRAULIC SINGLE DRUM WINCHES
ANCHOR	4 NOS - 2,030 KGS EACH
ANCHOR WINCHES	4 X 10 TONS
ANCHOR WIRE LENGTH	200 MTRS
POWER GENERATOR	2 X PERKINS @ 1500 RPM
POWER GENERATOR CAPACITY	2 X 80 KVA

DECK PARTICULARS

DECK STRENGTH	15 T/M2
DECK AREA	775 M2

OTHER PARTICULARS

FRESH WATER TANK	5 TONS
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CAPELLA III

SPUD BARGE



PRINCIPAL PARTICULARS

VESSEL TYPE	SPUD BARGE
SHAPE	BOX
YEAR OF BUILT	2014
PLACE OF BUILT	BAHRAIN
FLAG	PANAMA
CLASS	RINA
GRT	979 TONS
NRT	293 TONS
DEADWEIGHT	2,406 TONS

PRINCIPAL DIMENSIONS

LOA	52.67 MTRS
BREADTH MOULDED	18.29 MTRS
DEPTH MOULDED	3.96 MTRS
DRAFT MOULDED	3.22 MTRS
LIGHT DRAFT	0.70 MTRS

BARGE MOORING SYSTEM

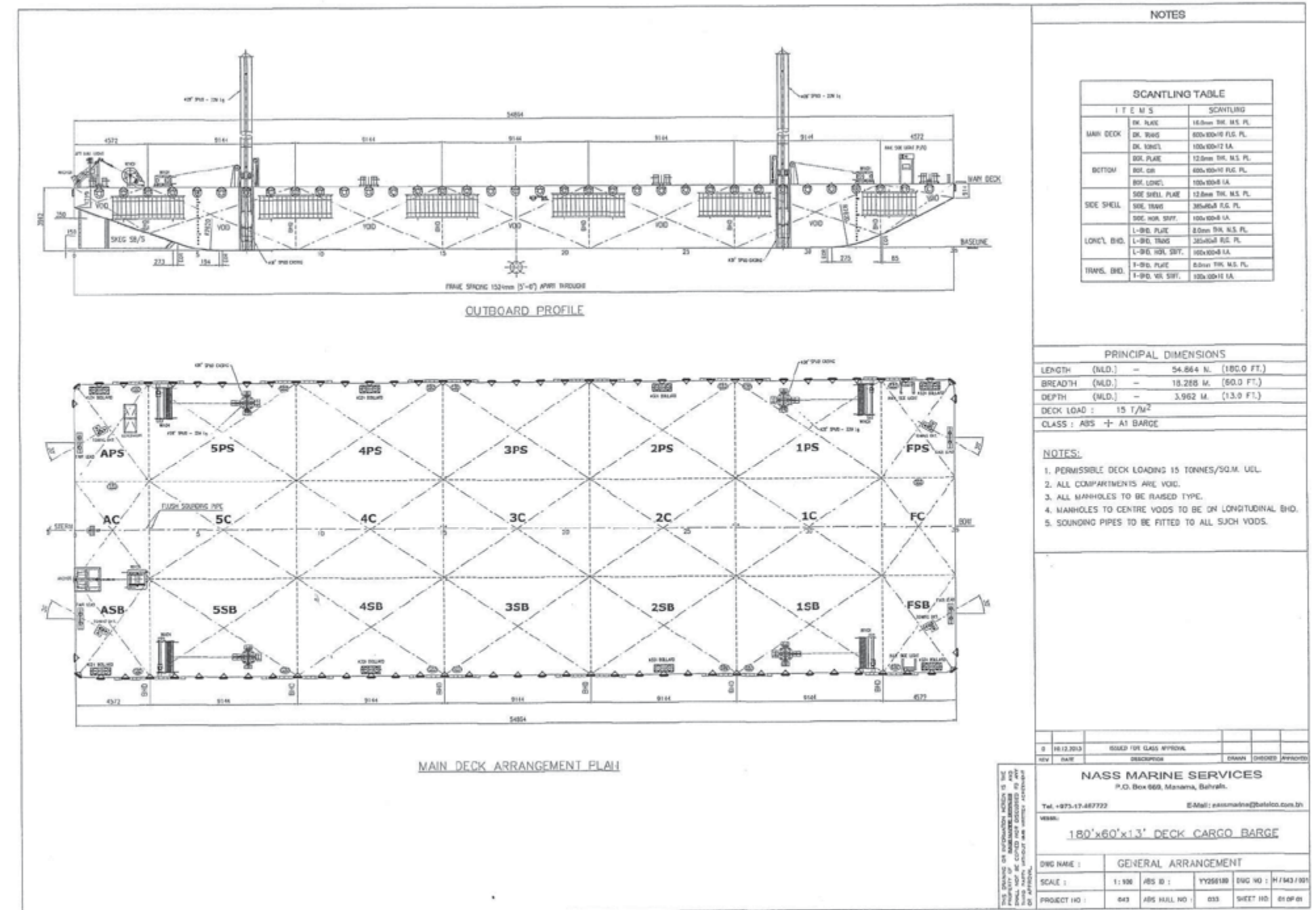
SPUDS	4 NOS
SPUD DIAMETER	83 CMTRS
SPUD LENGTH	22 MTRS
4 POINT MOORING SYSTEM	YES
SPUD WINCHES	4 X 15 TONS
WINCHES SPECIFICATION OF SPUDS	ELECTRO HYDRAULIC, SINGLE DRUM WINCHES
ANCHOR	4 NOS - 2,030 KGS EACH
ANCHOR WINCHES	4 X 10 TONS
ANCHOR WIRE LENGTH	200 MTRS
POWER GENERATOR	2 X PERKINS @ 1500 RPM
POWER GENERATOR CAPACITY	2 X 80 KVA

DECK PARTICULARS

DECK STRENGTH	15 T/M2
DECK AREA	APPROX. 900 M2

OTHER PARTICULARS

FRESH WATER TANK	5 TONS
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 **elegancia**
marine