

GROSS and NET TONNAGE CALCULATION

for

M/V NAMO

PROV. APPROVED
BY V.R.S.
ON 12.05.2013



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Date Of Preparation _____: 09.05.2013
Revision No _____: 00
Date of Revision _____: -
Calculated By _____: F.YILMAZ /NAVAL ARCHITECT

1636 TDW-GENERAL CARGO SHIP VESSEL

GENERAL PARTICULARS

NAME OF SHIP	:	M/V NAMO
LENGTH OVER ALL	:	66.140 METRES
LENGTH BETWEEN PERP.	:	59.970 METRES
BREADTH	:	11.340 METRES
DEPTH	:	5.240 METRES
SUMMER DRAFT	:	4.460 METRES
SHIP TYPE	:	GENERAL CARGO VESSEL
FLAG	:	UNION OF COMOROS
PORT OF REGISTRY	:	MORONI
CLASSIFICATION	:	VENEZUELAN REGISTER OF SHIPPING
NAVIGATION AREA	:	OCEAN GOING
OFFICIAL NUMBER	:	1201103
OWNER	:	NAMO SHIPPING S.A. – BELIZE
MANAGER / OPERATOR	:	IMS ISTANBUL
PLACE OF BUILT	:	NETHARLANDS

INTERNATIONAL TONNAGE CERTIFICATE 1969

Issued under the provisions of the International Convention on Tonnage Measurement of Ships, 1969,

under the authority of the Government of

REPUBLIC OF UNION OF COMOROS

Name of Ship	Distinctive Number or letters	Port of Registry	Date
NAMO	D6FV7	MORONI	1980

*Date on which the keel was laid or the ship was at a similar stage of construction (Article 2(6)), or date on which the ship underwent alterations or modifications of a major character (Article 3(2)(b)), as appropriate

MAIN DIMENSIONS

Length Article 2(8)	Breadth Regulation 2(3)	Moulded Depth amidships to Upper Deck Regulation 2(2)	IMO Number
62.93	11.34	5.24	7823308

THE TONNAGES OF THE SHIP ARE

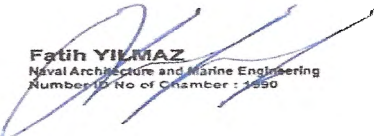
GROSS TONNAGE934.....

NET TONNAGE589.....

This is to certify that the tonnages of this ship have been determined in accordance with the provisions of the International Convention on Tonnage Measurement of Ships, 1969.

Issued at the 2013

The undersigned declares that he is duly authorized by the said Government to issue this certificate.

GROSS TONNAGE	
Total Gross Volume:V	3450.0
$K1=0,2 + 0,02 \log V$	0.271
GROSS TONNAGE: $K1 \times V$	934
NET TONNAGE	
Total Net Volume:Vc	2207.26
$K2=0,2 + 0,02 \log Vc$	0.27
$K3=1,25 (GT + 10000)/10000$	1.37
DEPTH MOULDED [Reg 2(2)] : D	5.24
DRAUGHT [Reg 4 (2)] : d	4.460
The passenger number where there is no more than eight bed available in the cabin : N1	0.00
Other Passenger: N2	0.00
$((4*d)/(3*D))^2 \leq 1$	1.29
$K2*Vc((4*d)/(3*D))^2$	589
0,25*GT	234
$((4*d)/(3*D))^2 \Rightarrow 0,25*GT$	589
$K3*(N1+(N2/10))$	0
$K2*Vc((4*d)/(3*D))^2 + K3*(N1+(N2/10))$	589
0,30*GT	280
$K2*Vc((4*d)/(3*D))^2 + K3*(N1+(N2/10)) \Rightarrow 0,30*GT$	589
NET TONNAGE	589
DATE	9/5/2013
DATE	
PREPARED BY	CHECKED BY:
FATİH YILMAZ NAVAL ARCHITECTURE&MARINE ENGINEERING  Fatih YILMAZ Naval Architecture and Marine Engineering Number 10 No of Chamber : 1550	

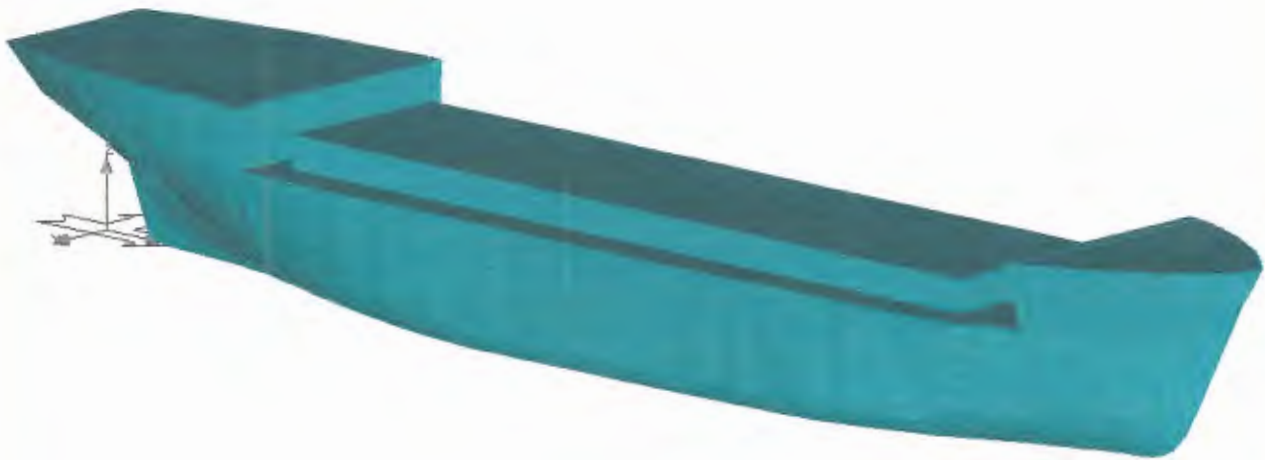
M/v NAMO

HULL SUMMARY

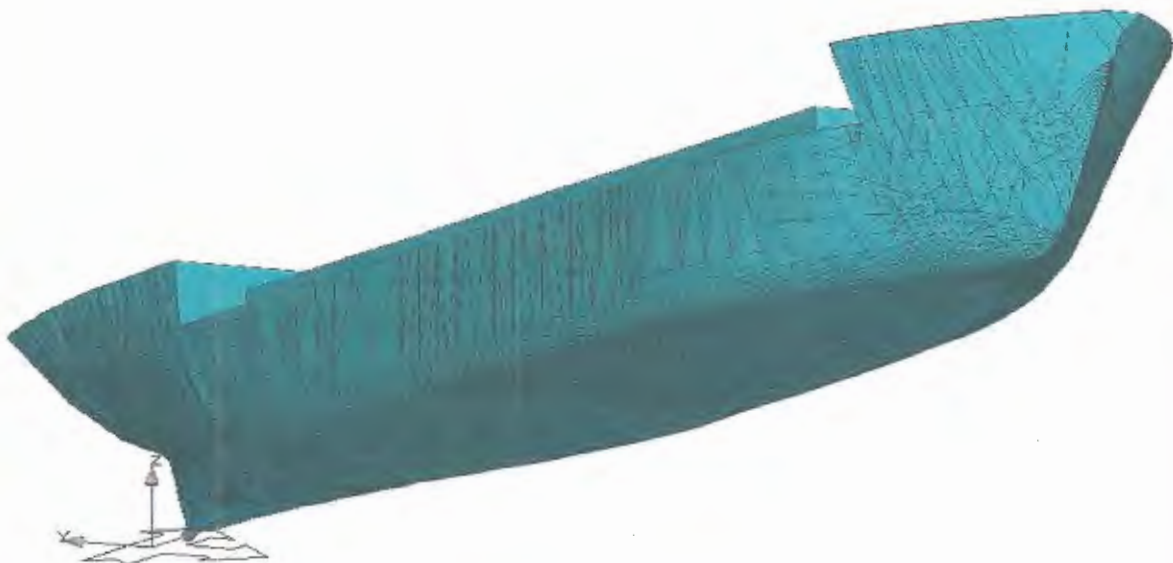
HULL -3D PROPERTIES

Mainhull Compartments

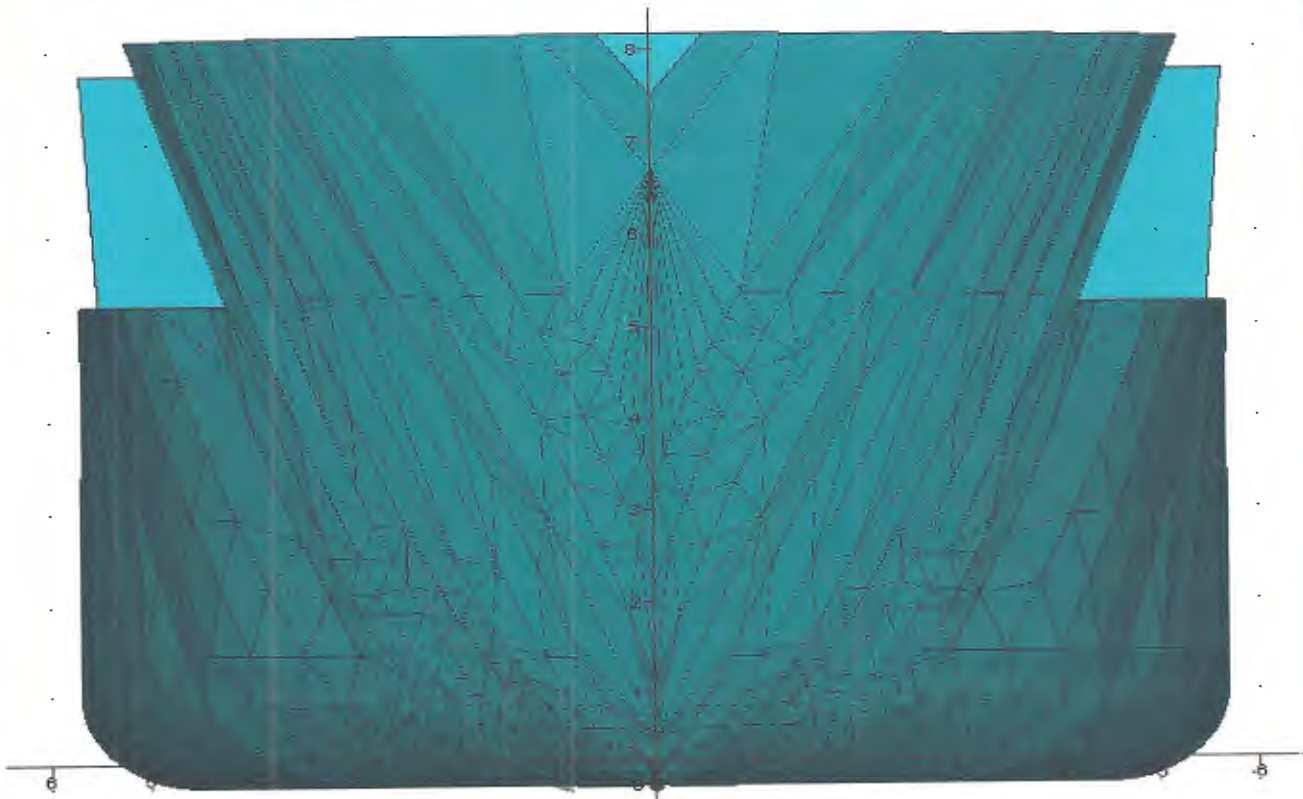
Compartment	Frames	Volume(m ^ 3)	LCG(m)	TCG(m)	VCG(m)
HULL Envelope	-05-104	3000.984	29.207	0.000	3.635
Total		3000.984	29.207	0.000	3.635



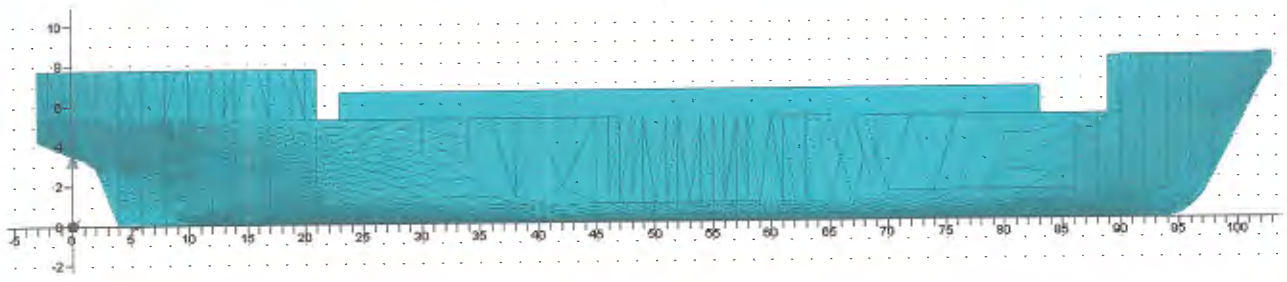
3D View -1



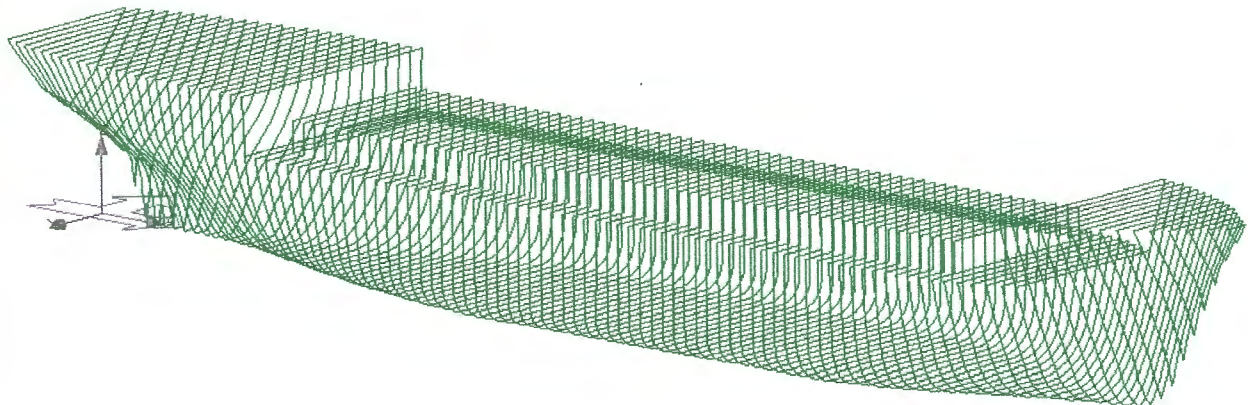
3D View -2



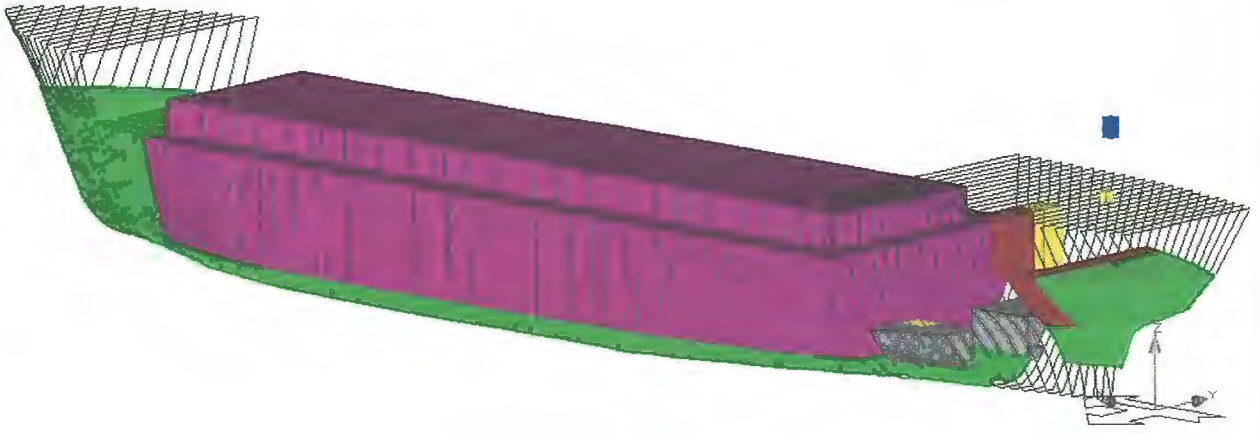
Section View



Side View



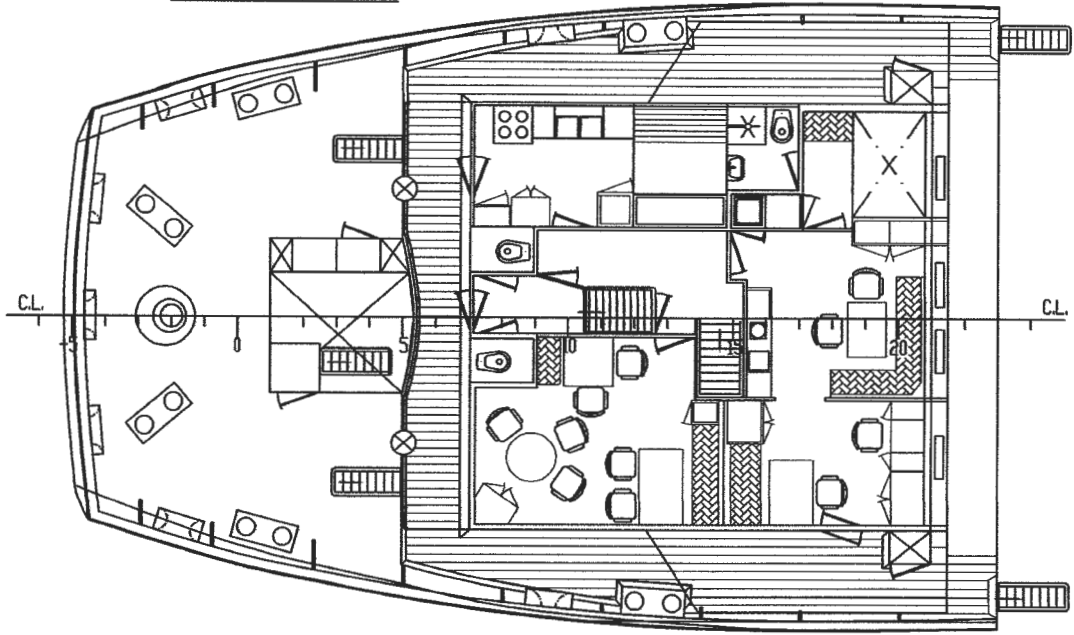
3D wire view



Compartment view

POOP DECK

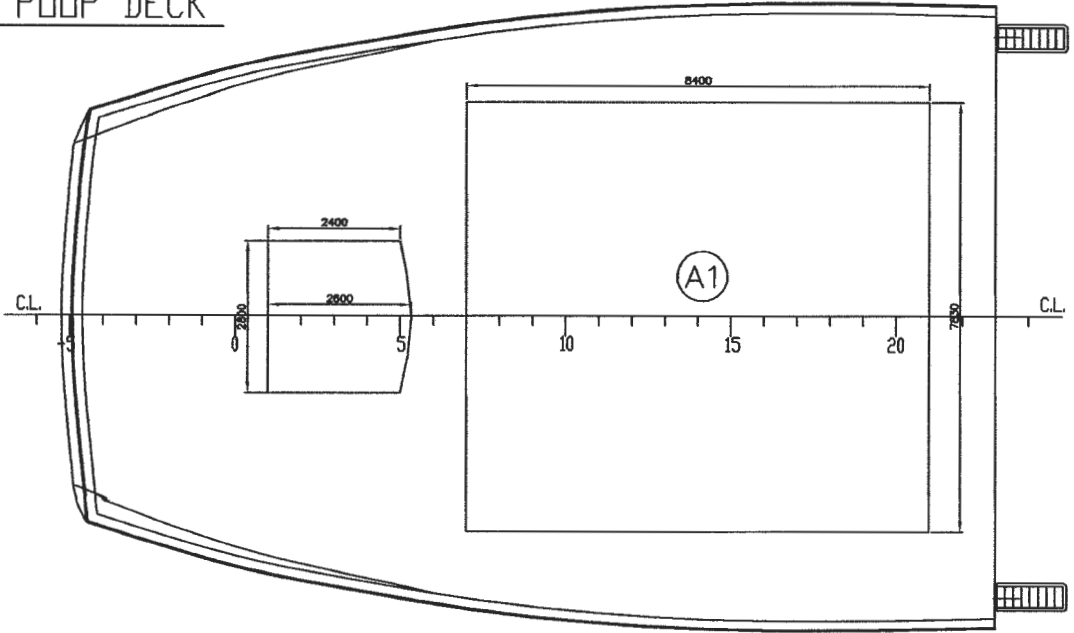
A



B

C

POOP DECK



D

E

Deck Height: 2400 mm

$$(A1) = 65.772 \text{ M}^2$$

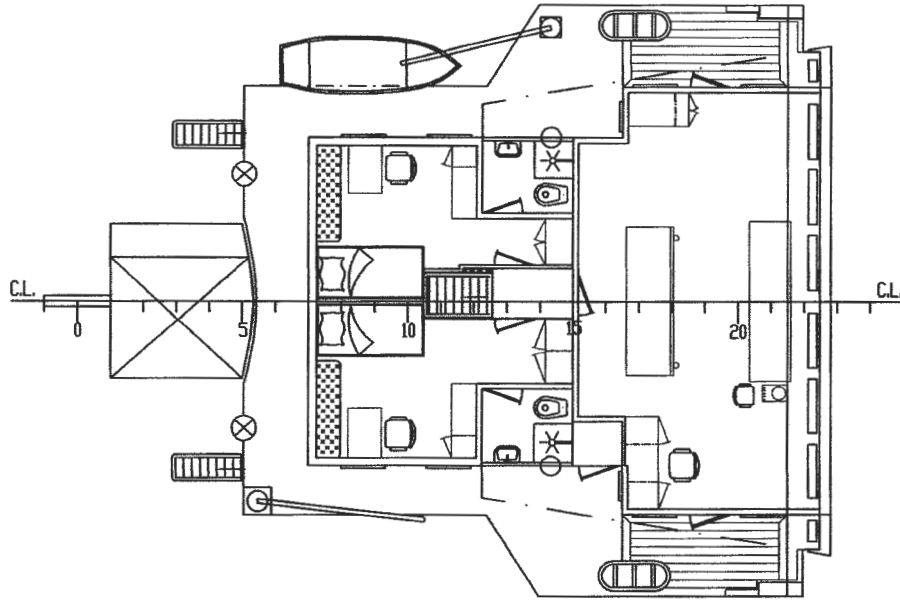
$$\text{Poop Deck Volume} : (A1) * H = 157.85 \text{ M}^3$$

F

M/V NAMO		INTERNATIONAL TONNAGE CALCULATION (GROSS and NET TONNAGE)		TARİH Date	09.05.2013
Hesaplayan Calc by		GEMİ TİPİ Ship Type	GENERAL CARGO	ÖLÇEK Scale	A4
Hesaplayan Calc by	Fatih YILMAZ	TERSANE Shipyard	Bodewes'Scheepswerven B.V.	PROJE NO Project Nr	
KONTROL Checked by	Fatih YILMAZ	ARMATOR Owner	NAMO SHIPPING S.A.	HESAP NO Calc Nr	
		KLAS KURUMU Classification Society	VENEZUELAN REGISTER OF SHIPPING	PAFTA ADEDİ Nr. of Sh.	
				PAFTA NO Sheet	

BRIDGE DECK

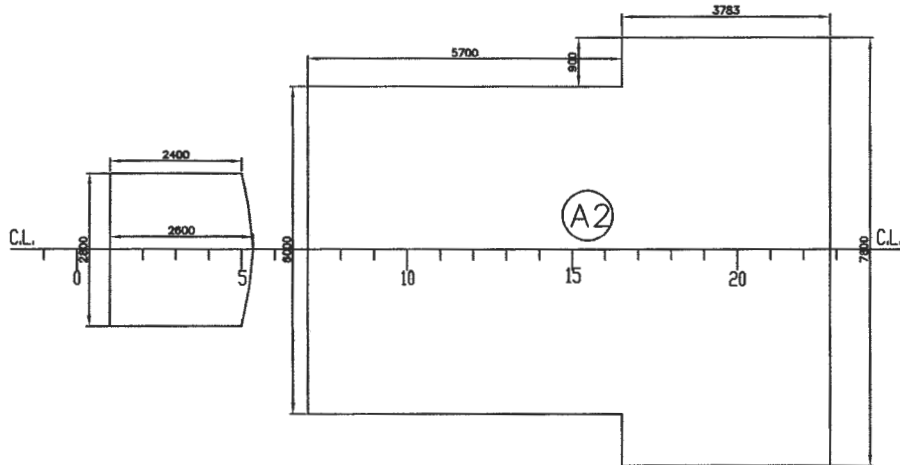
A



B

C

D



E

Deck Height: 2500 mm

$$(A2) = 63.703 \text{ M}^2$$

$$\text{Bridge Deck Volume} : (A2) * H = 159.258 \text{ M}^3$$

F

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Hesaplayan Calc by	Fatih YILMAZ	TERSANE Shipyard	Bodewes'Scheepswerven B.V.	PROJE NO Project Nr	
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				PAFTA NO Sheet	

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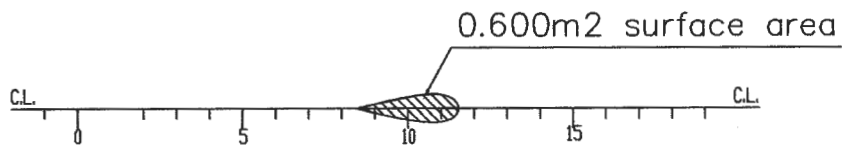
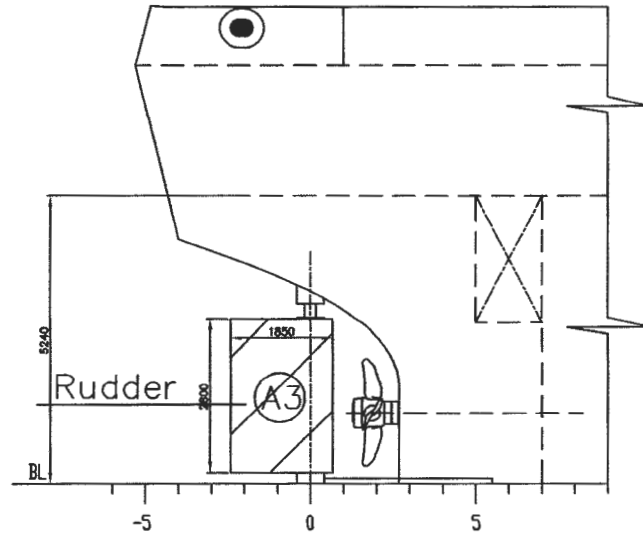
B

C

D

E

F



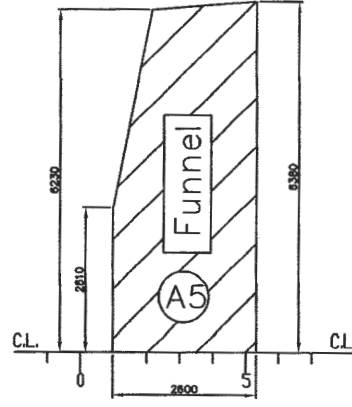
rudder Height: 2800 mm

$$\textcircled{A3} = 0.600 \text{ M}^2$$

$$\text{Rudder Volume } A3 \cdot H = 1.680 \text{ M}^3$$

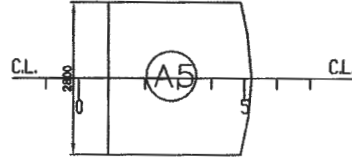
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Hesaplayan Calc by	Fatih YILMAZ	TERSANE Shipyards	Bodewes'Scheepswerven B.V.	PROJE NO Project Nr	
KONTROL Checked by	Fatih YILMAZ	ARMATOR Owner	NAMO SHIPPING S.A.	HESAP NO Calc Nr	
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				PAFTA NO Sheet	

A



B

C



D

Funnel Width: 2800 mm

$$\text{A5} = 15.070 \text{ M}^2$$

Funnel Volume $\text{A5} \times \text{width} = 43.96 \text{ M}^3$

E

F

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Hesaplayan Calc by	Fatih YILMAZ	TERSANE Shipyards	Bodewes'Scheepswerven B.V.	PROJE NO Project Nr	
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				PAFTA NO Sheet	

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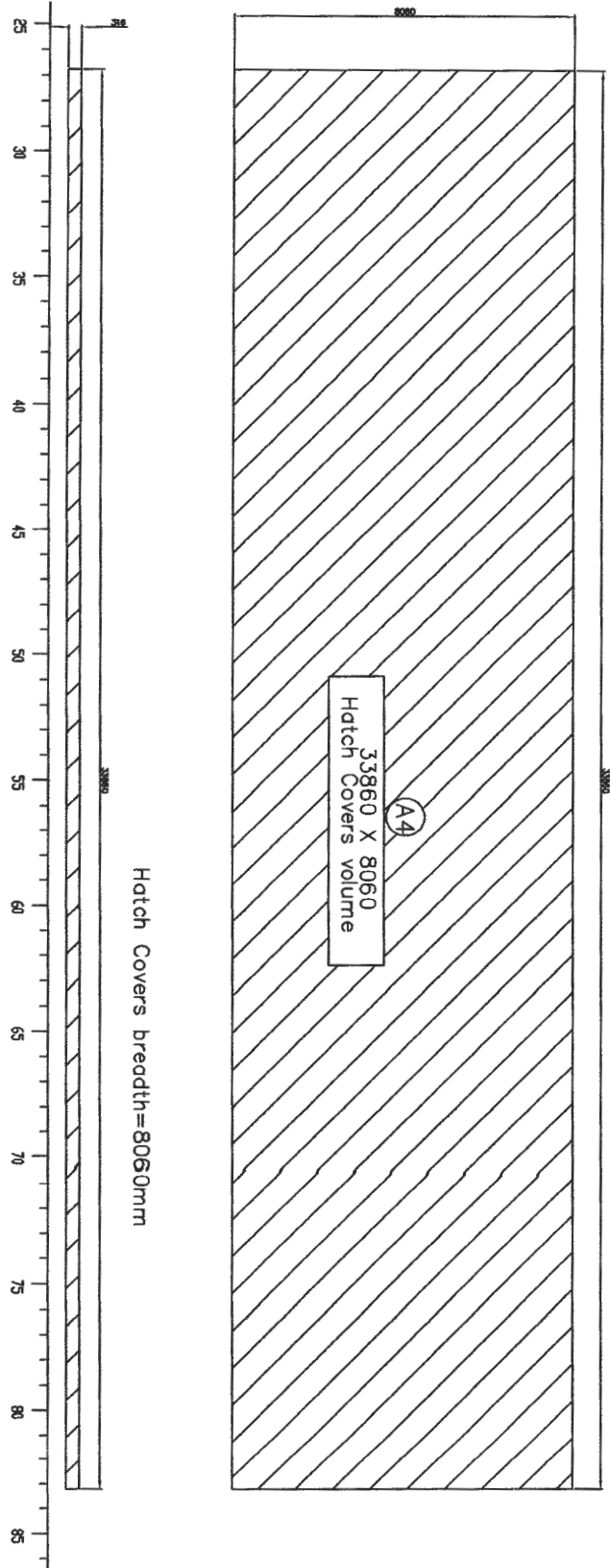
B

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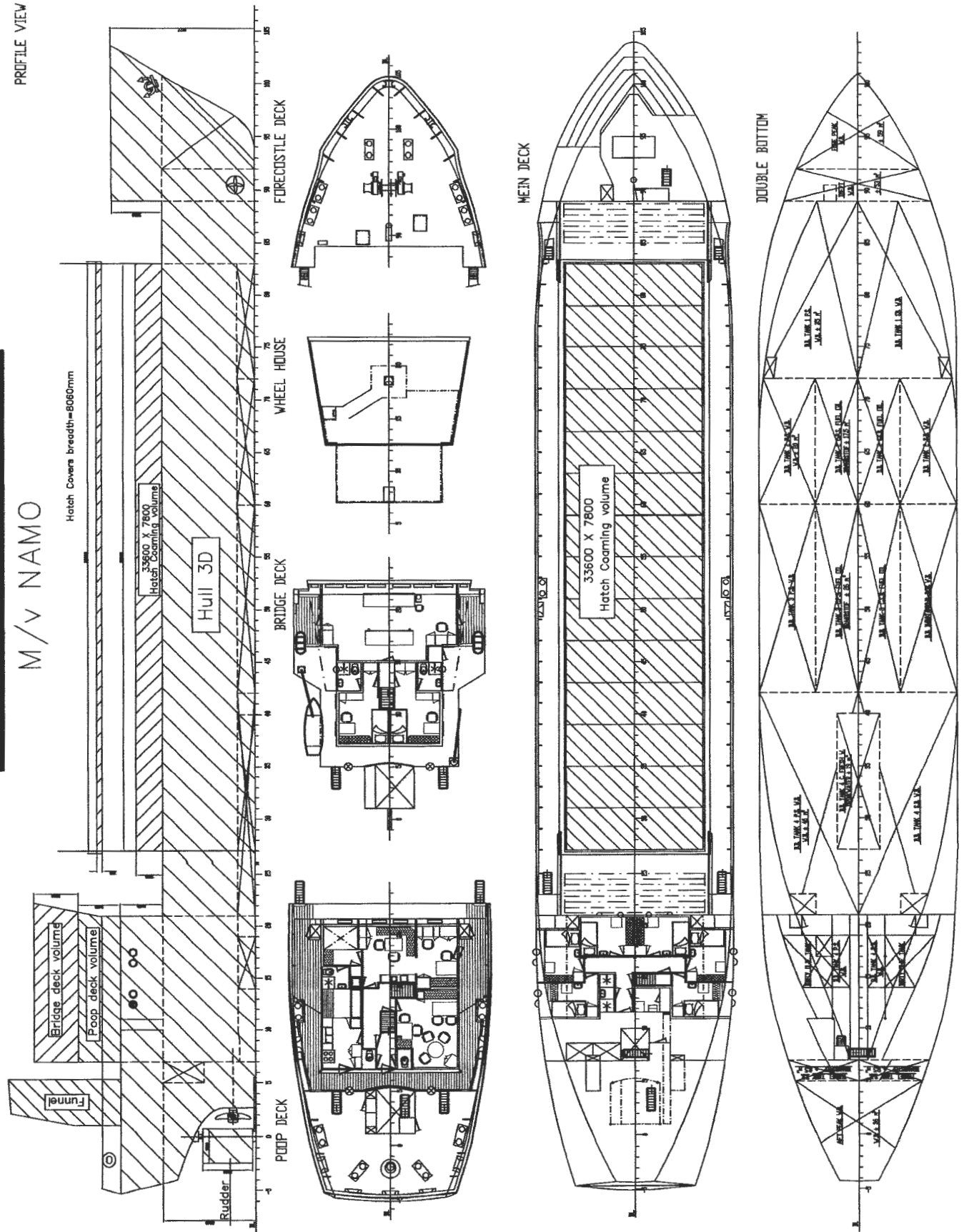


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GROSS TONNAGE DETAILS

M/V NAMO

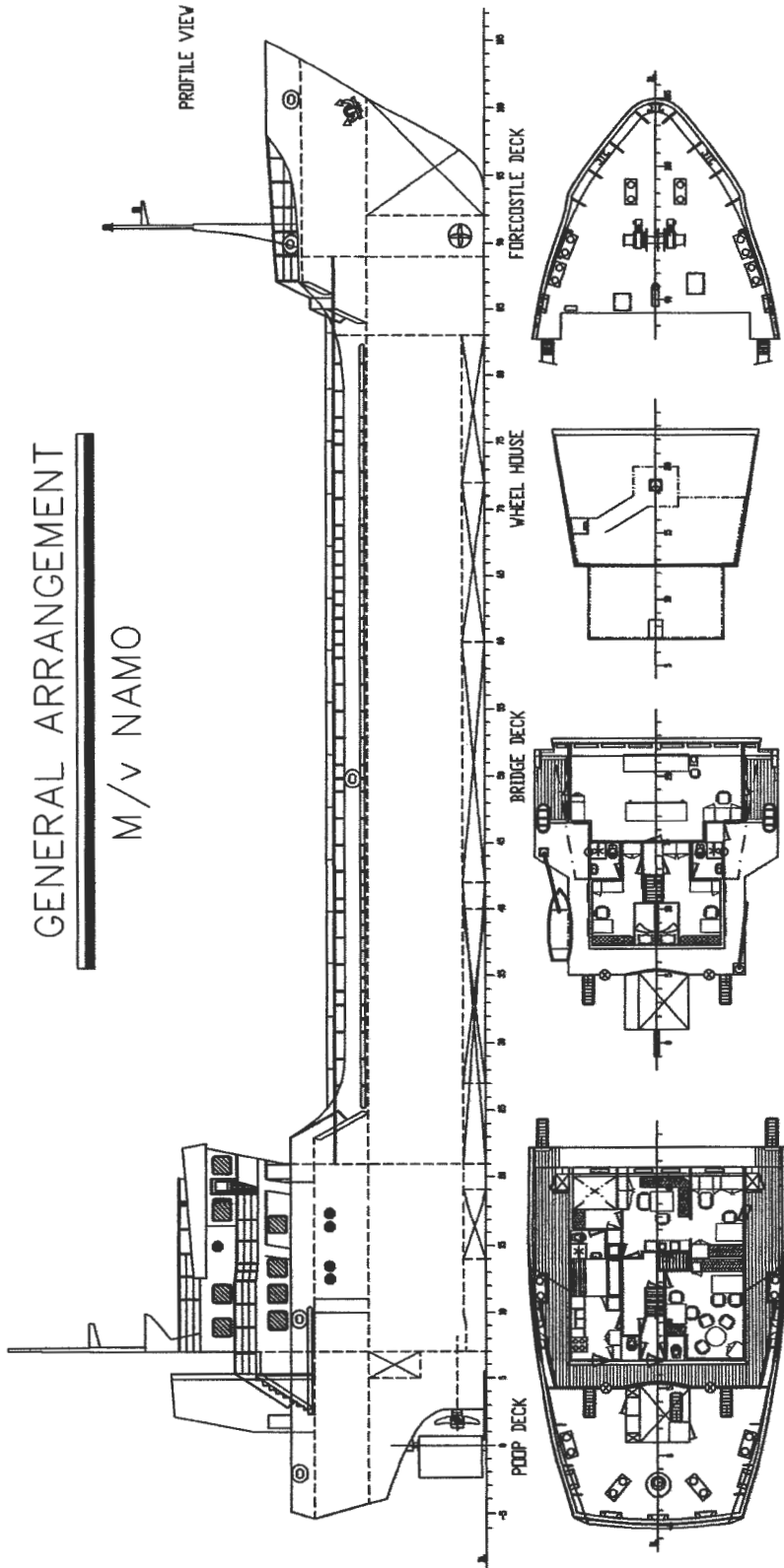
PROFILE VIEW



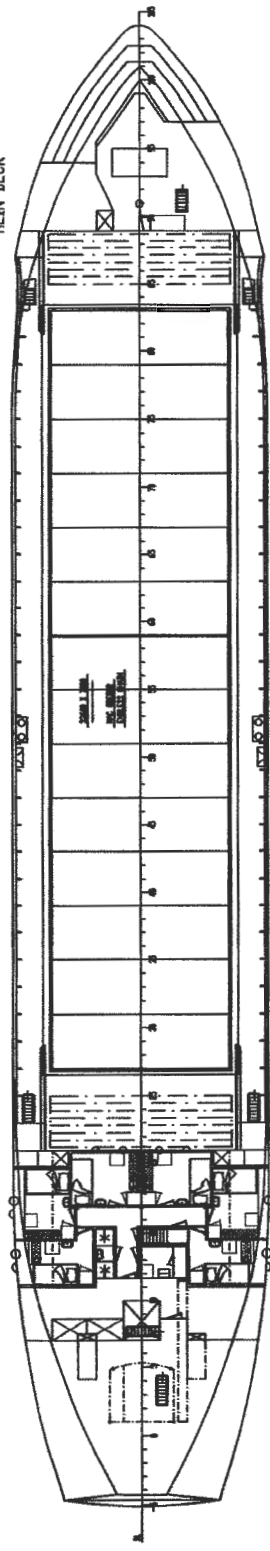
GENERAL ARRANGEMENT

M/v NAMO

PROFILE VIEW



MAIN DECK



DOUBLE BOTTOM

