

Zero-Emission, Eco-Friendly catamaran which is hydrogen and battery operated and encourages the use of renewable resources.



Specifications

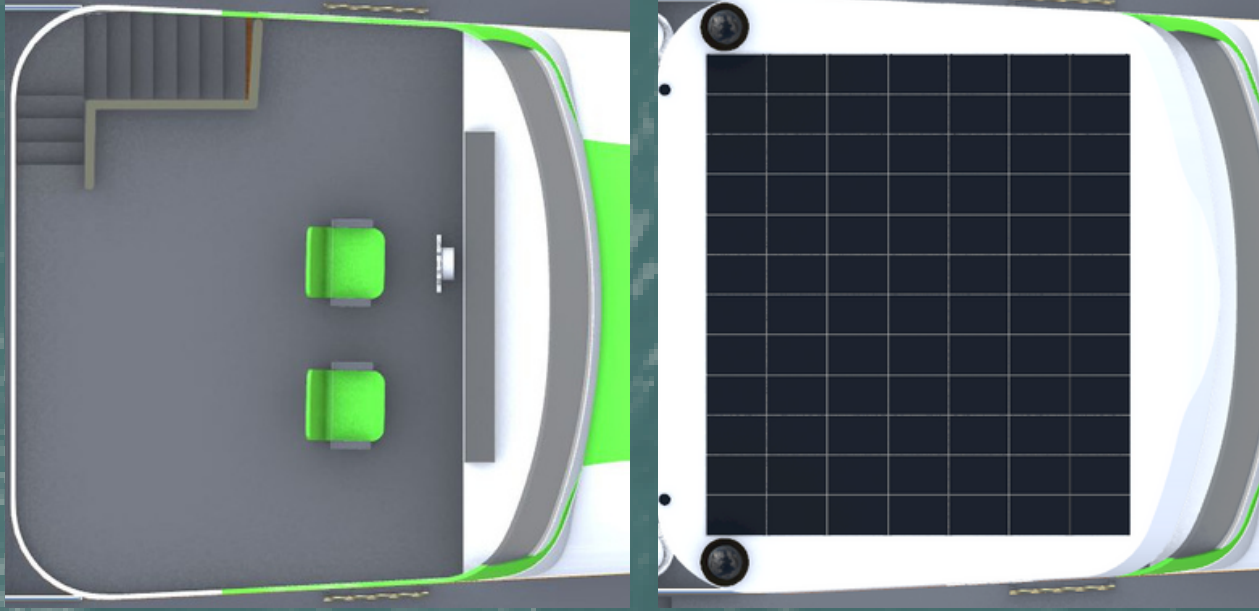
LOA	:	21.57 [m]
B	:	9.89 [m]
T	:	1.87 [m]
V	:	13 [knot]
▲	:	148.8 [t]
		6 Passengers
		4 Crew



The production of the boat will be carried out by recycling waste wind turbine blades.



Miles of Hope, Powered by Hydrogen



An area of 23 square meters on the bridge is covered with solar panel for additional power needs.

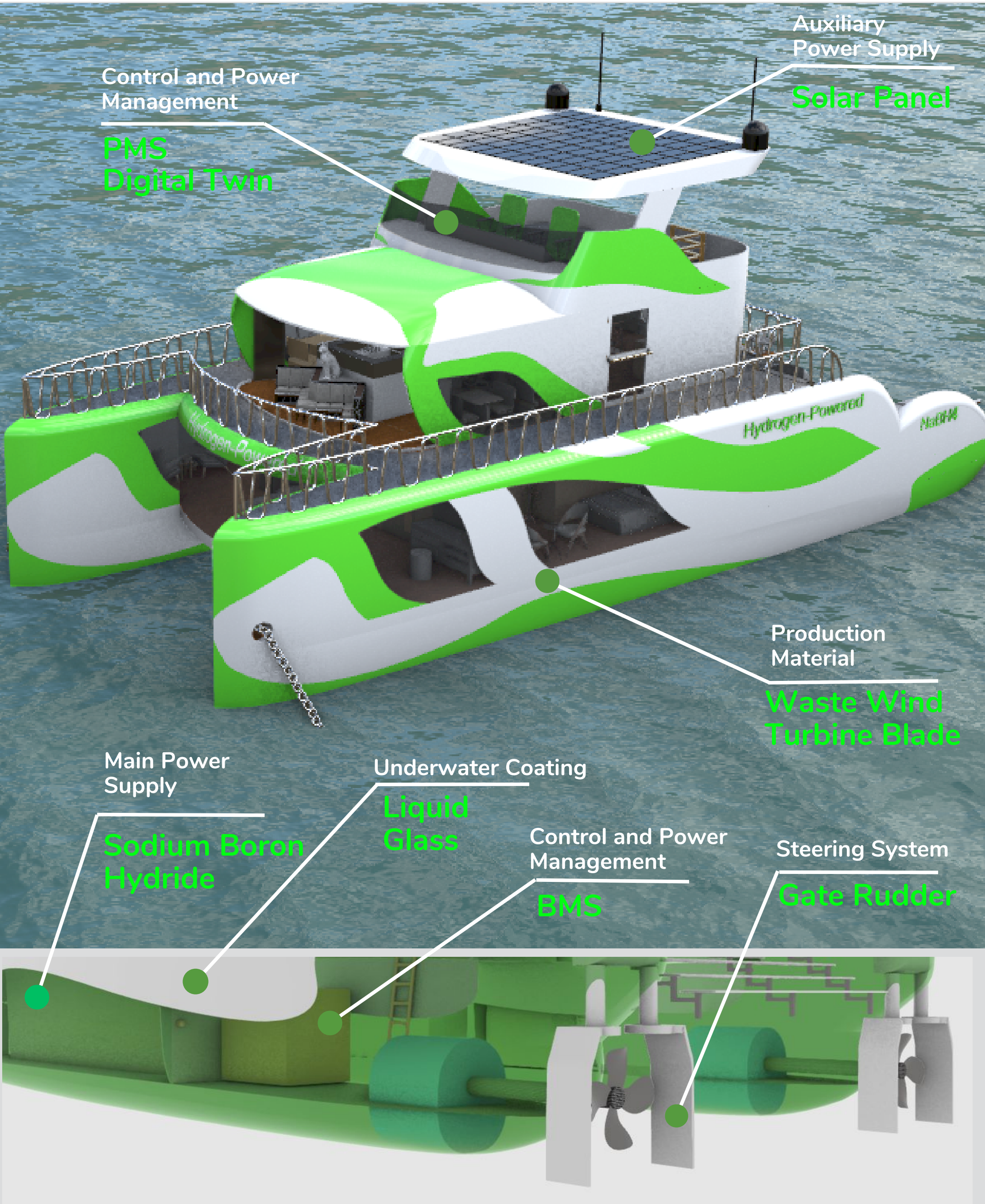
The 1st deck has a large lounge. In the lounge, there is a kitchen, bar, dining table and seating area.

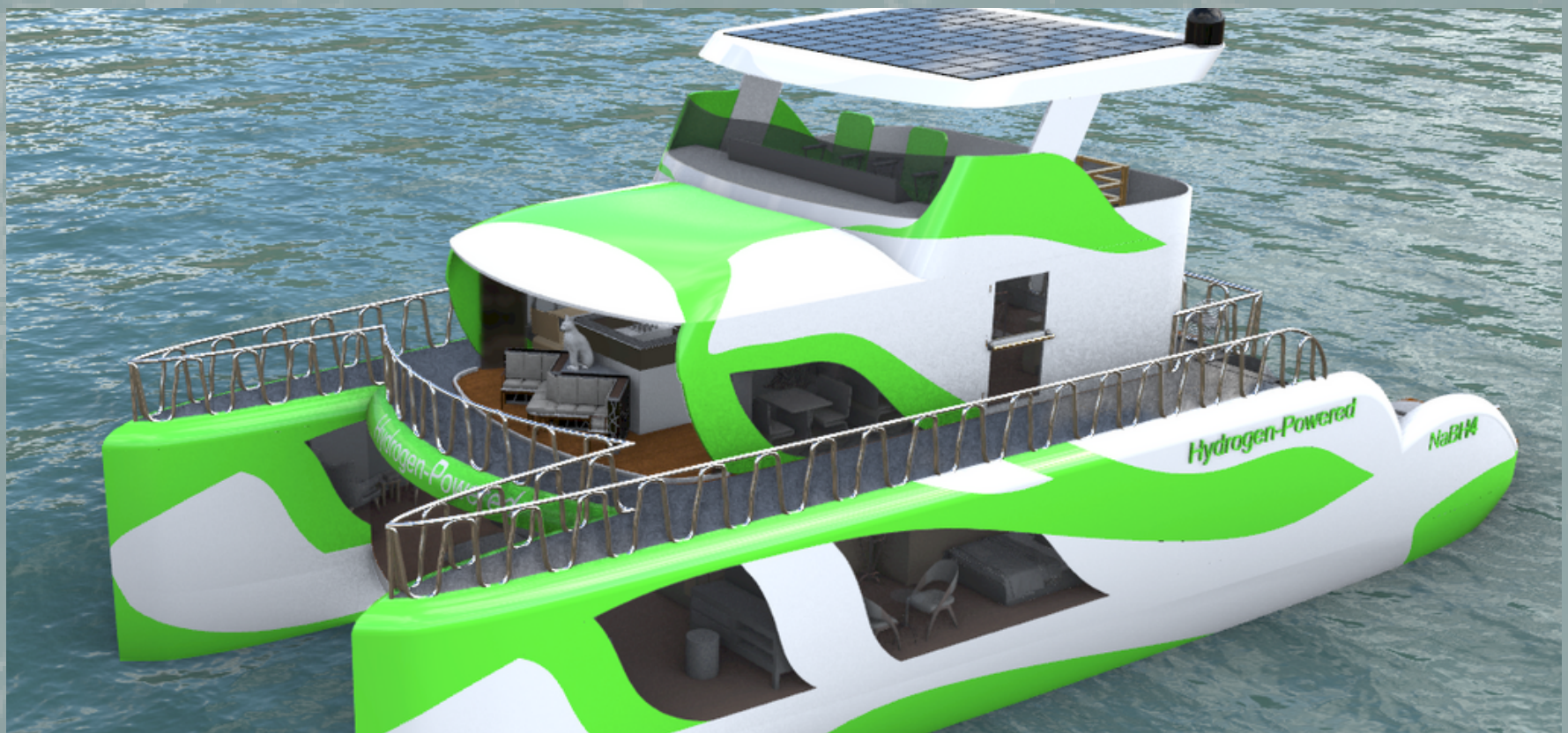


The main deck is reserved for cabins. The crew cabins and passenger cabins are located on this deck. Additionally there is a Master Class cabin in there.

There are two Sodium Boron Hydride fuel tanks on the ship. The produced hydrogen is given to the fuel cell and electricity is produced.







Openable Glass Panel



Chaise longue and folding stairs to swim and do sunbath

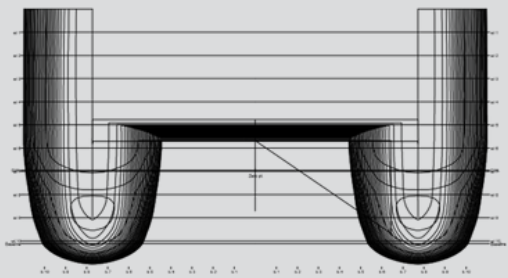


A profile from Master Cabin

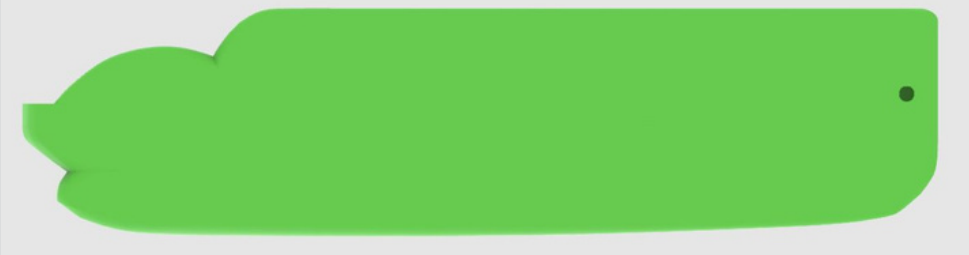
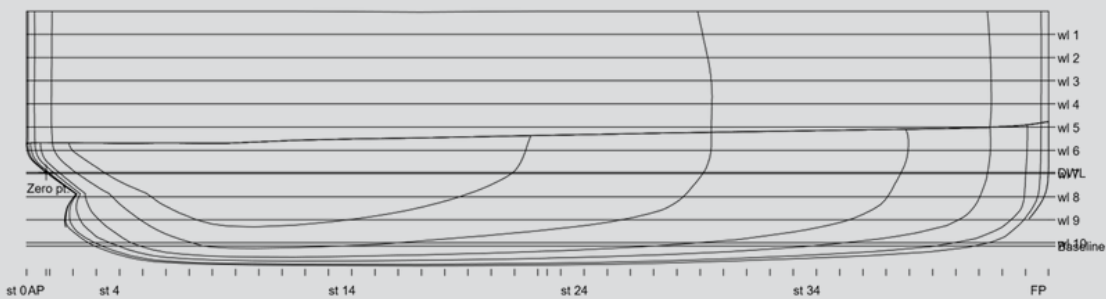
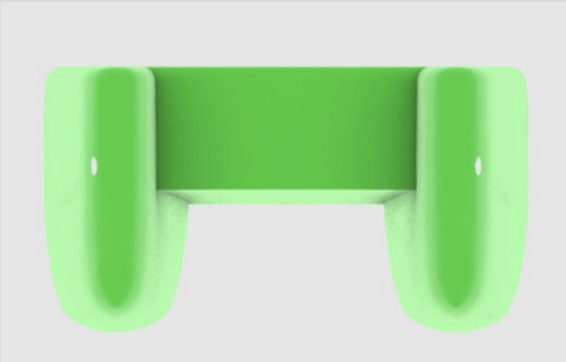


3 passenger cabins and 2 crew cabins

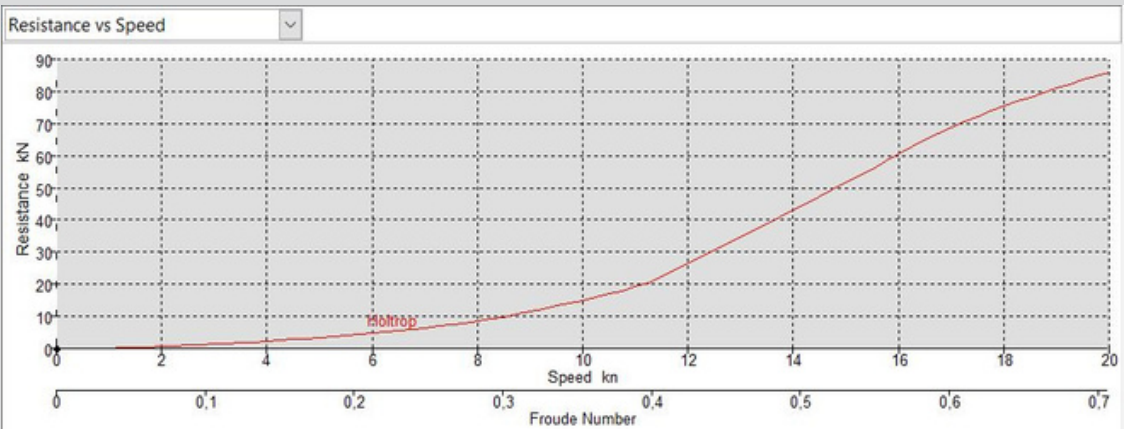
Sheer Draught



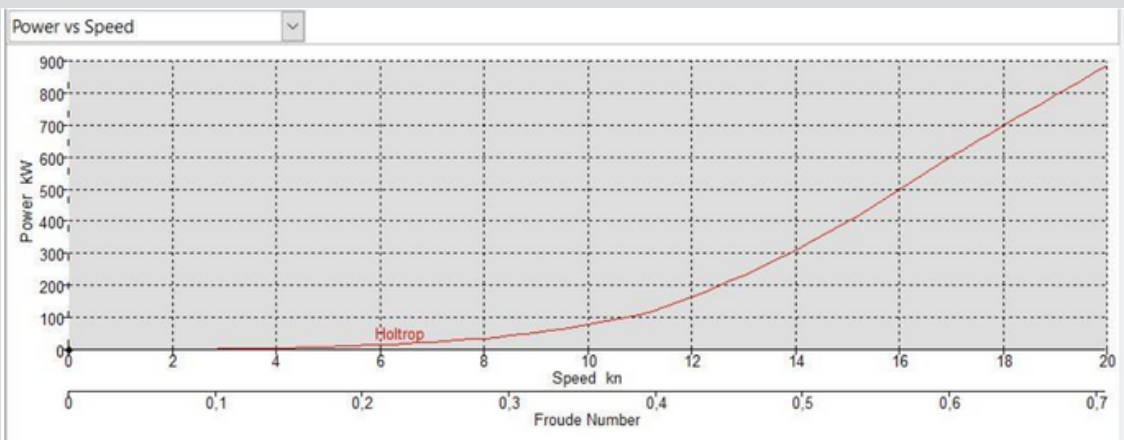
Form Design



Gate Rudder Resistance - Speed Graph



Gate Rudder Power - Speed Graph



STABILITY

Intact State

Drafts at equilibrium angle

Draft at AP	1.881	metres
Draft at FP	1.877	metres
Mean draft at midships	1.879	metres

Hydrostatics at equilibrium angle

Density of water	1.0250	tonnes/cu.m
Heel	No heel	
Trim by the stern	0.003	metres
KG	3.787	metres
FSC	0.048	metres
KGf	3.835	metres
GMt	5.244	metres
BMt	8.065	metres
BMI	20.285	metres
Waterplane area	91.87	sq.metres
LCG	9.582	metres
LCB	9.582	metres
TCB	-0.000	metres
LCF	9.414	metres
TCF	0.000	metres
TPC	0.942	tonnes/cm
MTC	1.400	tonnes-m/cm

Righting Lever (GZ) Curve

Heel to Stbd (deg)	GZ (m)	Crowding (m)	Turning (m)
0.00	-0.0000	0.0332	0.1202
5.00	0.4581	0.0332	0.1202
10.00	0.9146	0.0332	0.1202
15.00	1.3754	0.0332	0.1202
20.00	1.8295	0.0332	0.1202
25.00	2.1964	0.0332	0.1202
30.00	2.1232	0.0332	0.1202
35.00	1.8371	0.0332	0.1202
40.00	1.5390	0.0332	0.1202
45.00	1.2353	0.0332	0.1202
50.00	0.9318	0.0332	0.1202
55.00	0.6357	0.0332	0.1202
60.00	0.3500	0.0332	0.1202

IMO Turning

Property	Value	Units
Area A	1.21182	m-radians
Total Area A+B	1.33628	m-radians
Steady state angle	1.311	degrees
Max. angle	60.000	degrees

IMO Passenger crowding

Property	Value	Units
Area A	1.30158	m-radians
Total Area A+B	1.33628	m-radians
Steady state angle	0.363	degrees
Max. angle	60.000	degrees

Intact State

Tam Yüklü Kondisyon: Intact State

