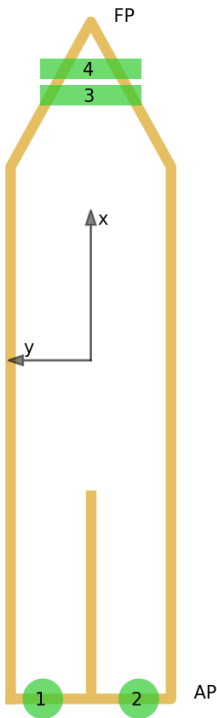


# DP report of : MSV

## DNV Level 1

### Hull data

Data	Symbol	Unit	Value
Length between perpendiculars	Lpp	m	98.7
Maximum breadth at waterline	B	m	23.4
Summer load line draft	T	m	6.5
Longitudinal distance between the fore most and aft most point under water	Los	m	108.34
Longitudinal position of Los/2	XLos	m	-0.13
Half bow angle of entrance	Bow angle	deg	26.4
Water plane area coefficient behind miship	CWL_aft	-	1.081
Frontal projected wind area	AF_wind	m2	611.0
Longitudinal projected wind area	AL_wind	m2	1769.0
Longitudinal position of the area center of AL_wind	xL_wind	m	6.035
Longitudinal projected submerged current area	AL_current	m2	667.4
Longitudinal position of the area center of AL_current	xL_current	m	1.107
x position of the skeg aft edge	x skeg	m	-47.85
y position of the skeg aft edge	y skeg	m	0.0

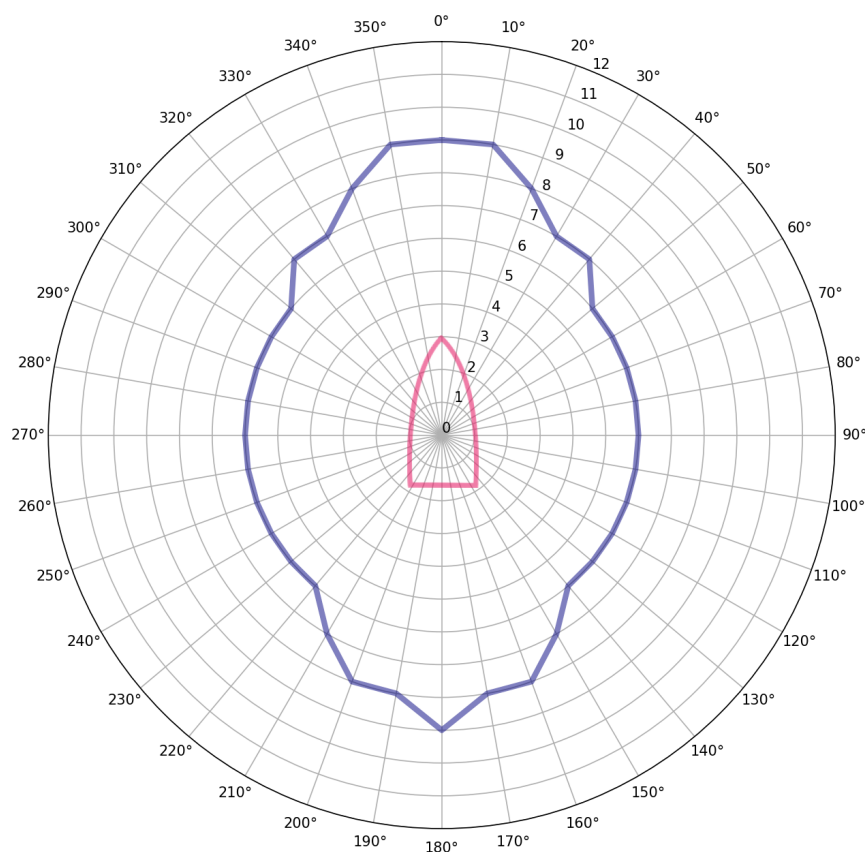


### Thrusters data

Thruster No.	1	2	3	4
Thruster user name	azi_port	azi_stb	tt1	tt2
Type	Azimuth without nozzle	Azimuth without nozzle	Tunnel thruster	Tunnel thruster
Characteristic	Only forward mode *except tunnel thruster	Only forward mode *except tunnel thruster	If tunnel thruster - option 1 - broken inlet	If tunnel thruster - option 1 - broken inlet
Rudder type	No rudder	No rudder	No rudder	No rudder
x [m]	-49.35	-49.35	38.64	42.49
y [m]	7	-7	0	0
z [m]	2.05	2.05	2	2.3
D [m]	2.88	2.88	2.75	2.75
Brake Power [kW]	2250	2250	1620	1620
Type for mech. eff.	tunnel or azimuth	tunnel or azimuth	tunnel or azimuth	tunnel or azimuth
Rudder surface [m2]	0	0	0	0

Forbidden zones: thr 1 : 73 - 107 , thr 2 : 253 - 287 , thr 3 : None , thr 4 : None

DP Capability



Angle	DP number	Wind speed [m/s]	Wave height [m]	Peak period [s]	Current speed [m/s]
0	9	24.4	7.4	10.5	0.75
10	9	24.4	7.4	10.5	0.75
20	8	20.7	5.7	10.0	0.75
30	7	17.1	4.2	9.0	0.75
40	7	17.1	4.2	9.0	0.75
50	6	13.8	3.1	8.5	0.75
60	6	13.8	3.1	8.5	0.75
70	6	13.8	3.1	8.5	0.75
80	6	13.8	3.1	8.5	0.75
90	6	13.8	3.1	8.5	0.75
100	6	13.8	3.1	8.5	0.75
110	6	13.8	3.1	8.5	0.75
120	6	13.8	3.1	8.5	0.75
130	6	13.8	3.1	8.5	0.75
140	6	13.8	3.1	8.5	0.75
150	7	17.1	4.2	9.0	0.75
160	8	20.7	5.7	10.0	0.75
170	8	20.7	5.7	10.0	0.75
180	9	24.4	7.4	10.5	0.75
190	8	20.7	5.7	10.0	0.75
200	8	20.7	5.7	10.0	0.75
210	7	17.1	4.2	9.0	0.75
220	6	13.8	3.1	8.5	0.75
230	6	13.8	3.1	8.5	0.75
240	6	13.8	3.1	8.5	0.75
250	6	13.8	3.1	8.5	0.75
260	6	13.8	3.1	8.5	0.75
270	6	13.8	3.1	8.5	0.75
280	6	13.8	3.1	8.5	0.75
290	6	13.8	3.1	8.5	0.75
300	6	13.8	3.1	8.5	0.75
310	6	13.8	3.1	8.5	0.75
320	7	17.1	4.2	9.0	0.75
330	7	17.1	4.2	9.0	0.75
340	8	20.7	5.7	10.0	0.75
350	9	24.4	7.4	10.5	0.75
360	9	24.4	7.4	10.5	0.75