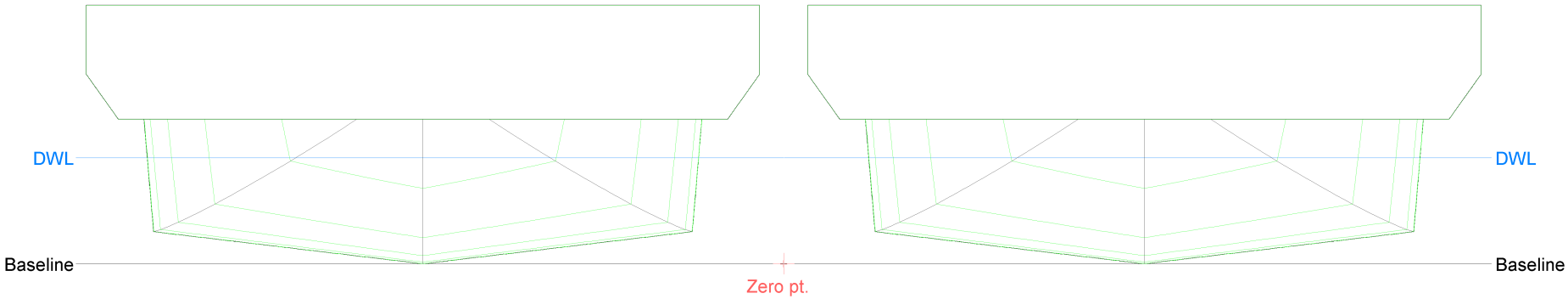
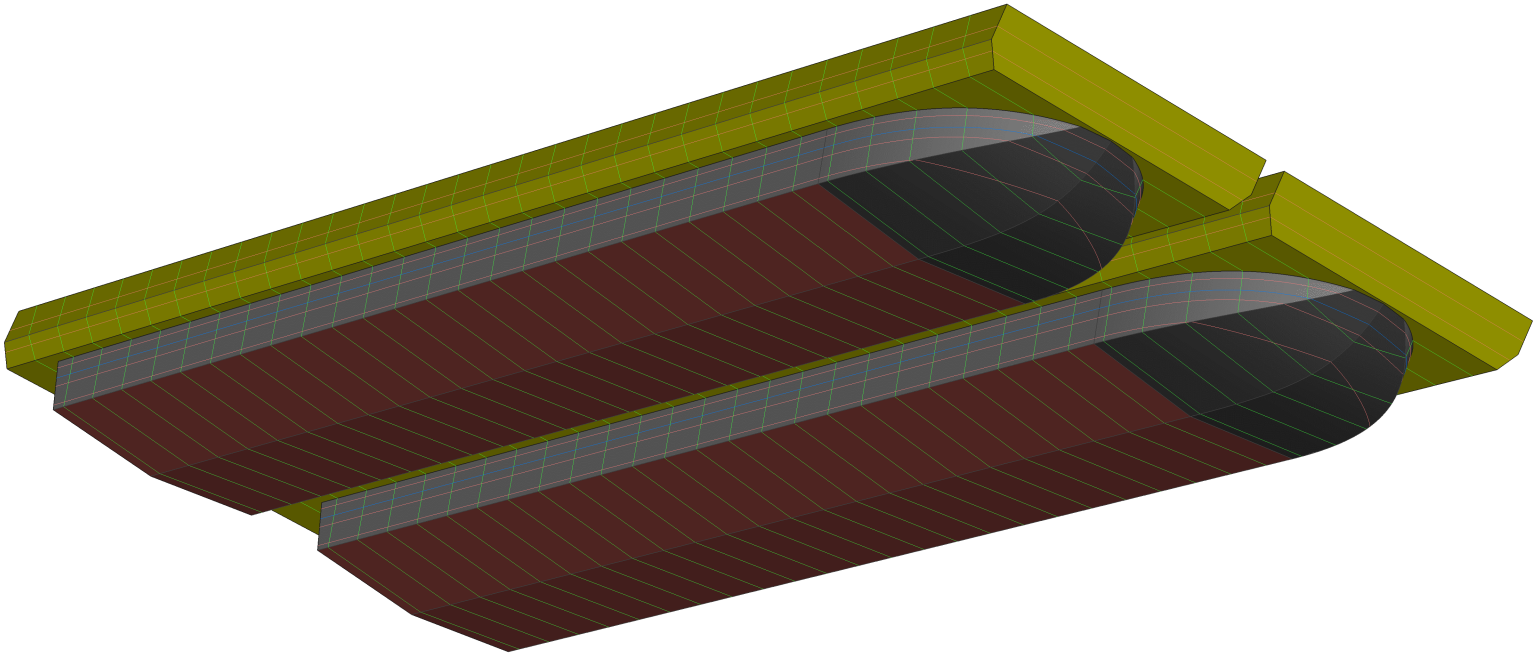
PD 1000



Body Plan View



Displacement	8557	kg
Volume (displaced)	8,348	m^3
Draft Amidships	0,33	m
Immersed depth	0,33	m
Immersed depth of station with max area	0,33	m
Immersed depth amidships	0,33	m
WL Length	9,29	m
Beam max extents on WL	3,97	m
Beam max on WL	3,44	m
Beam extents on WL of station with max area	3,97	m
Beam on WL of station with max area	3,44	m
Beam extents on WL amidships	3,97	m
Beam on WL amidships	3,44	m
Wetted Area	39,761	m^2
Max sect. area	0,950	m^2
Sect. area amidships	0,950	m^2
Waterpl. Area	31,056	m^2
Prismatic coeff. (Cp)	0,946	
Block coeff. (Cb)	0,792	
Max Sect. area coeff. (Cm)	0,837	
Waterpl. area coeff. (Cwp)	0,972	
LCB length	4,938	from zero pt. (+ve fwd) m
LCF length	5,012	from zero pt. (+ve fwd) m
LCB %	53,2	from zero pt. (+ve fwd) % Lwl
LCF %	54,0	from zero pt. (+ve fwd) % Lwl
VCB	0,191	m
KB	0,191	m
KG fluid	1,300	m
BMt	5,599	m
BML	25,440	m
GMt corrected	4,490	m
GML	24,331	m
KMt	5,790	m
KML	25,631	m
Immersion (TPc)	0,318	tonne/cm
MTc	0,224	tonne.m
RM at 1deg = GMt.Disp.sin(1)	670,596	kg.m
Length:Beam ratio	2,701	
Beam:Draft ratio	10,421	
Length:Vol^0.333 ratio	4,579	

PD 1000

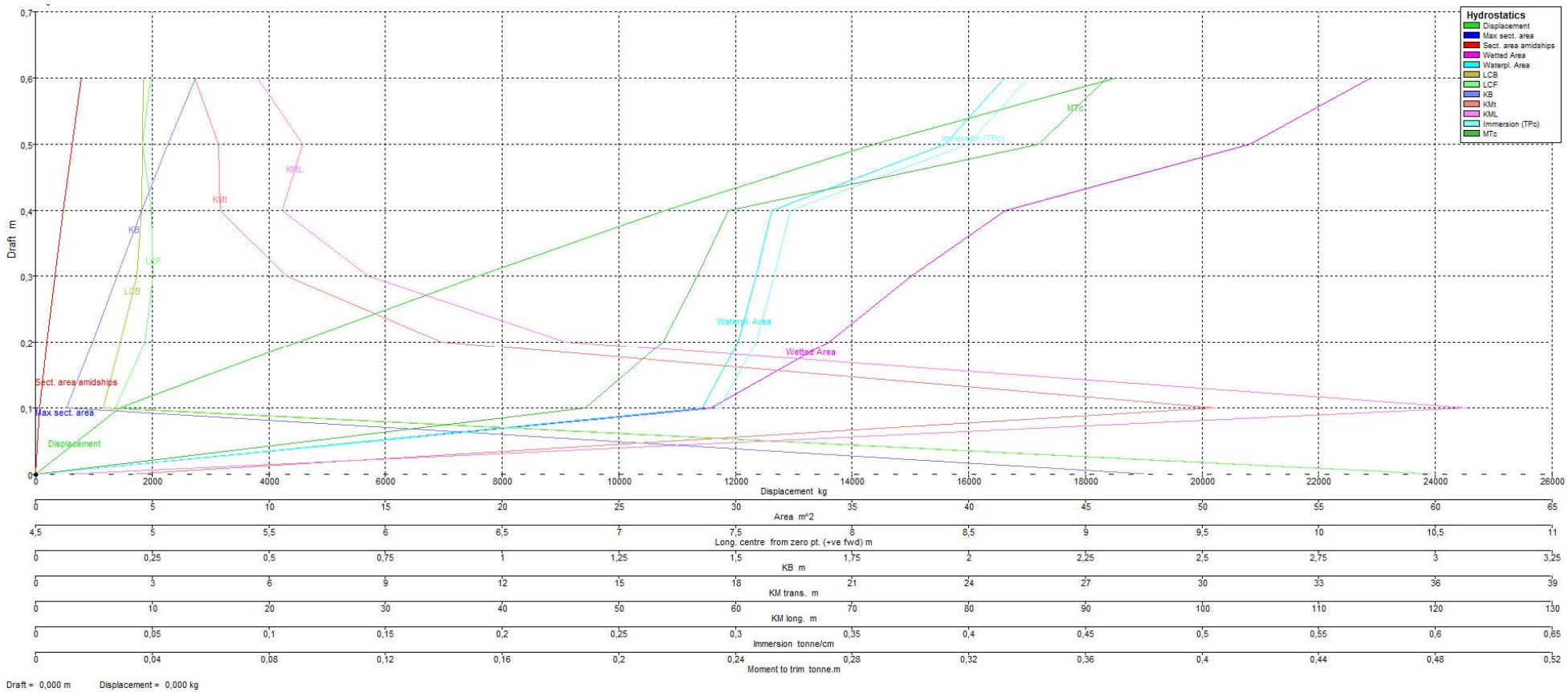
Hydrostatics calculation

Hydrostatics - 1000.5

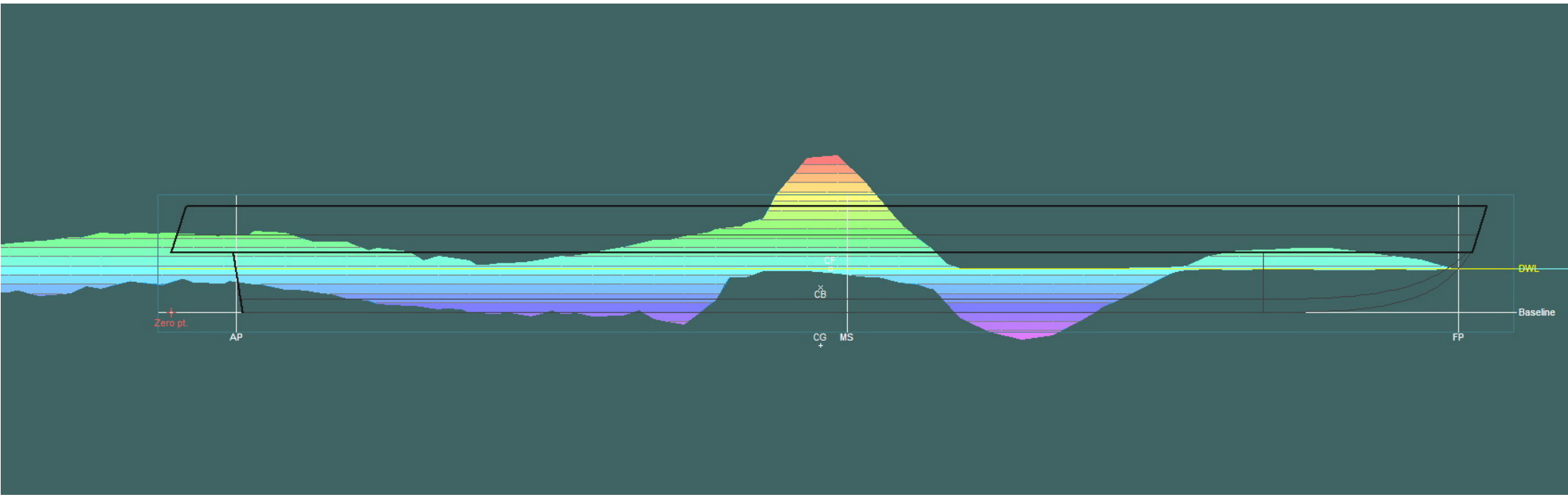
(High precision, 62 sections, Trimming on, Skin thickness not applied). Long. datum: Aft extremity; Vert. datum: Baseline.
Analysis tolerance - ideal(worst case): Disp.%: 0,01000(0,100); Trim%(LCG-TCG): 0,01000(0,100); Heel%(LCG-TCG): 0,01000(0,100)
Damage Case - Intact

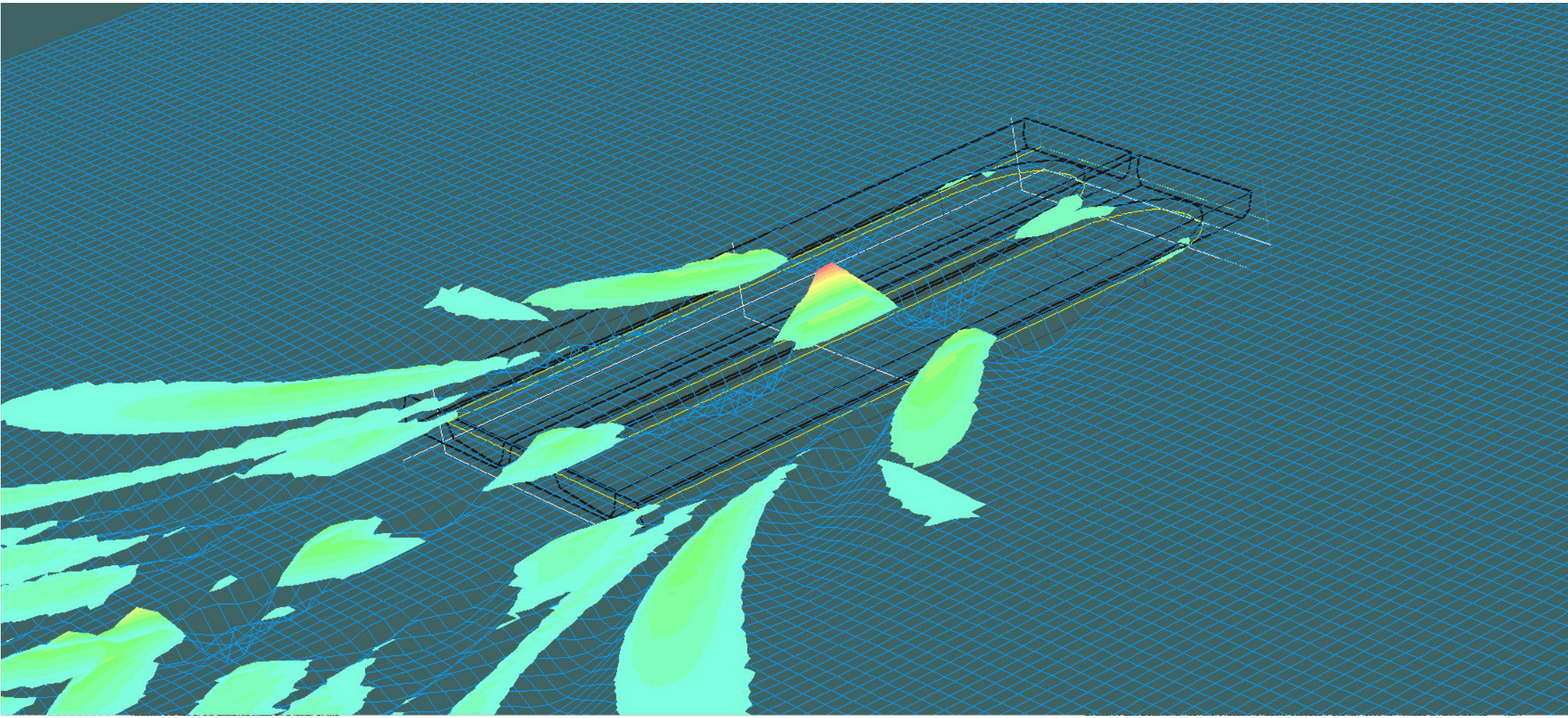
Fixed Trim = 0 m (+ve by stern)
Specific gravity = 1,025; (Density = 1025 kg/m^3)

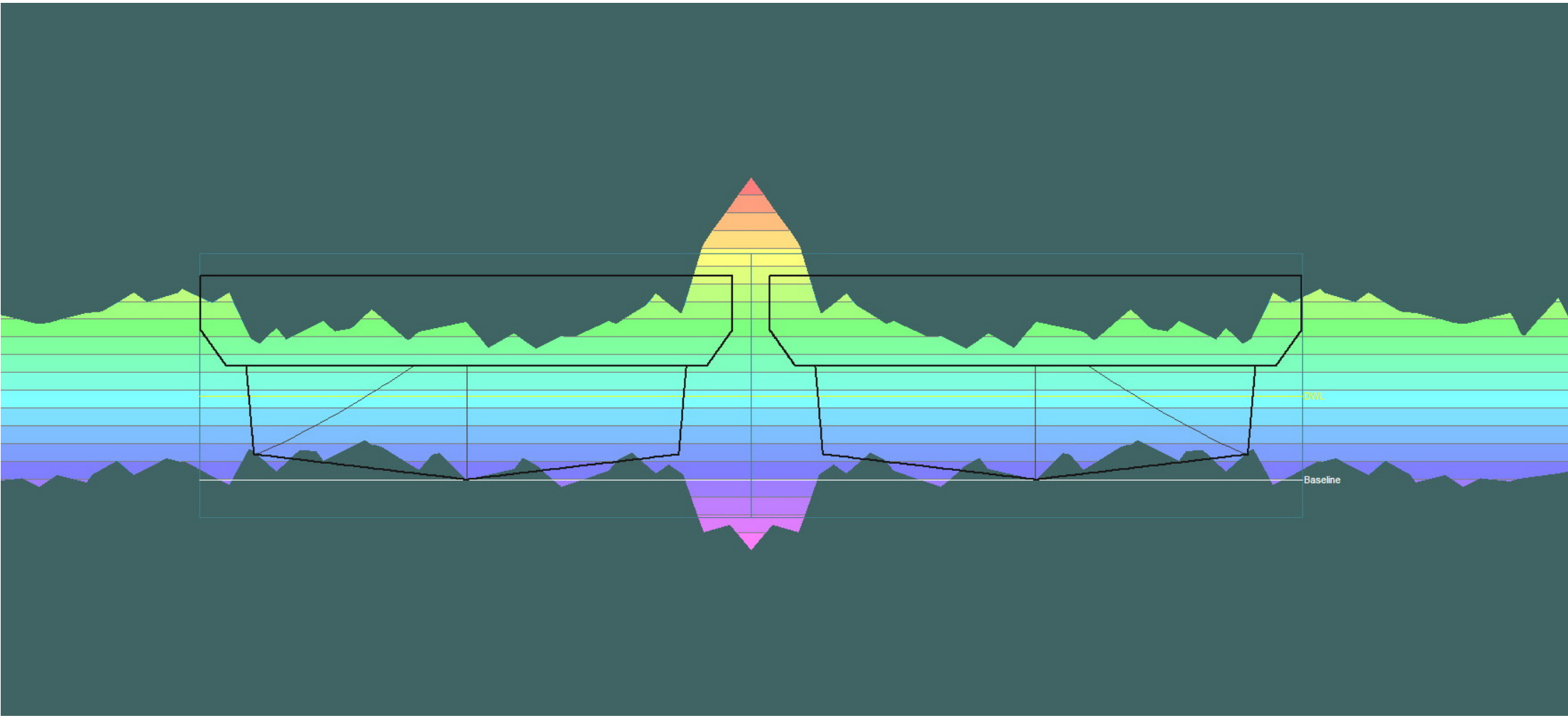
Draft Amidships m	0,000	0,100	0,200	0,300	0,400	0,500	0,600
Displacement kg	0,0000	1448	4492	7592	10788	14378	18515
Heel deg	0,0	0,0	0,0	0,0	0,0	0,0	0,0
Draft at FP m	0,000	0,100	0,200	0,300	0,400	0,500	0,600
Draft at AP m	0,000	0,100	0,200	0,300	0,400	0,500	0,600
Draft at LCF m	0,000	0,100	0,200	0,300	0,400	0,500	0,600
Trim (+ve by stern) m	0,000	0,000	0,000	0,000	0,000	0,000	0,000
WL Length m	7,756	8,889	9,116	9,255	9,358	9,889	9,888
Beam max extents on WL m	0,000	3,930	3,947	3,964	3,981	4,221	4,350
Wetted Area m^2	0,000	28,954	34,003	37,534	41,570	52,029	57,234
Waterpl. Area m^2	0,000	28,581	30,124	30,877	31,559	38,982	41,529
Prismatic coeff. (Cp)	0,000	0,946	0,951	0,945	0,944	0,910	0,929
Block coeff. (Cb)	0,000	0,473	0,708	0,778	0,812	0,719	0,725
Max Sect. area coeff. (Cm)		0,500	0,745	0,823	0,860	0,791	0,781
Waterpl. area coeff. (Cwp)	0,000	0,957	0,974	0,973	0,974	1,000	1,000
LCB from zero pt. (+ve fwd) m	10,514	4,792	4,865	4,934	4,957	4,959	4,963
LCF from zero pt. (+ve fwd) m	10,514	4,842	4,968	5,004	4,998	4,960	4,993
KB m	2,391	0,067	0,123	0,176	0,227	0,283	0,343
KG m	0,440	0,440	0,440	0,440	0,440	0,440	0,440
BMt m	0,000	30,254	10,313	6,270	4,522	4,417	3,755
BML m	0,000	122,658	45,305	28,340	20,896	22,638	18,732
GMt m	1,951	29,881	9,996	6,006	4,309	4,261	3,658
GML m	1,951	122,285	44,988	28,076	20,683	22,481	18,635
KMt m	2,391	30,321	10,436	6,446	4,749	4,701	4,098
KML m	2,391	122,725	45,428	28,516	21,123	22,921	19,075
Immersion (TPc) tonne/cm	0,000	0,293	0,309	0,316	0,323	0,400	0,426
MTc tonne.m	0,000	0,188	0,215	0,227	0,238	0,344	0,367
RM at 1deg = GMt.Disp.sin(1) kg.m	0,000	754,900	783,699	795,732	811,359	1069,151	1181,963
Max deck inclination deg	0,0000	0,0000	0,0000	0,0000	0,0000	0,0000	0,0000
Trim angle (+ve by stern) deg	0,0000	0,0000	0,0000	0,0000	0,0000	0,0000	0,0000



Draft = 0,000 m Displacement = 0,000 kg


CF
CB
DWL
Baseline
Zero pt.
AP
CG
MS
FP




DWL
Baseline