

Hydrostatics - 04

Stability 23.04.00.76, build: 76

Model file: D:\04 (Medium precision, 113 sections, Trimming off, Skin thickness not applied).

Long. datum: FP; 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 = 1.025 tonne/m³)

Draft Amidships m	14.307
Displacement t	75030
Heel deg	0.0
Draft at FP m	14.307
Draft at AP m	14.307
Draft at LCF m	14.307
Trim (+ve by stern) m	0.000
WL Length m	256.907
Beam max extents on WL m	32.583
Wetted Area m ²	11938.141
Waterpl. Area m ²	6912.842
Prismatic coeff. (Cp)	0.649
Block coeff. (Cb)	0.612
Max Sect. area coeff. (Cm)	0.963
Waterpl. area coeff. (Cwp)	0.826
LCB from zero pt. (+ve fwd) m	-143.672
LCF from zero pt. (+ve fwd) m	-153.259
KB m	8.237
KG m	14.307
BMt m	7.357
BML m	383.708
GMt m	1.287
GML m	377.638
KMt m	15.594
KML m	391.945
Immersion (TPc) tonne/cm	70.857
MTc tonne.m	-62908.907
RM at 1deg = GMt.Disp.sin(1) tonne.m	1685.041
Max deck inclination deg	0.0000
Trim angle (+ve by stern) deg	-180.0000