

Specified Condition - AY-15-26022019

Stability 21.14.00.04, build: 04

Model file: D:\MyWorks\Orca3D v1.3 and 1.4-WIP\Sea Tech-Models\AY-15\AY-15-26022019 (Highest precision, 23 sections, Trimming off, Skin thickness not applied). Long. datum: AP; 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)

Fixed Trim = 0,1 m (+ve by stern)

Specific gravity = 1; (Density = 1 tonne/m³)

Draft Amidships m	0,950
Displacement t	22,38
Heel deg	0,0
Draft at FP m	0,900
Draft at AP m	1,000
Draft at LCF m	0,958
Trim (+ve by stern) m	0,100
WL Length m	14,767
Beam max extents on WL m	4,330
Wetted Area m ²	54,594
Waterpl. Area m ²	48,923
Prismatic coeff. (Cp)	0,681
Block coeff. (Cb)	0,368
Max Sect. area coeff. (Cm)	0,568
Waterpl. area coeff. (Cwp)	0,765
LCB from zero pt. (+ve fwd) m	6,614
LCF from zero pt. (+ve fwd) m	6,251
KB m	0,666
KG m	1,340
BMt m	2,774
BML m	28,624
GMt m	2,101
GML m	27,951
KMt m	3,440
KML m	29,289
Immersion (TPc) tonne/cm	0,489
MTc tonne.m	0,423
RM at 1deg = GMt.Disp.sin(1) tonne.m	0,821
Max deck inclination deg	0,3874
Trim angle (+ve by stern) deg	0,3874

Key point	Type	Freeboard m
Margin Line (freeboard pos = 0 m)		0,354
Deck Edge (freeboard pos = 0 m)		0,43

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Fixed Trim = 0 m (+ve by stern)

Specific gravity = 1; (Density = 1 tonne/m³)

Draft Amidships m	0,957
Displacement t	22,38
Heel deg	0,0
Draft at FP m	0,957
Draft at AP m	0,957
Draft at LCF m	0,957

Trim (+ve by stern) m	0,000
WL Length m	14,780
Beam max extents on WL m	4,243
Wetted Area m ²	54,677
Waterpl. Area m ²	48,863
Prismatic coeff. (Cp)	0,671
Block coeff. (Cb)	0,373
Max Sect. area coeff. (Cm)	0,581
Waterpl. area coeff. (Cwp)	0,779
LCB from zero pt. (+ve fwd) m	6,808
LCF from zero pt. (+ve fwd) m	6,334
KB m	0,665
KG m	1,340
BMt m	2,713
BML m	28,753
GMt m	2,038
GML m	28,078
KMt m	3,378
KML m	29,418
Immersion (TPc) tonne/cm	0,489
MTc tonne.m	0,425
RM at 1deg = GMt.Disp.sin(1) tonne.m	0,796
Max deck inclination deg	0,0000
Trim angle (+ve by stern) deg	0,0000

Key point	Type	Freeboard m
Margin Line (freeboard pos = 0 m)		0,397
Deck Edge (freeboard pos = 0 m)		0,473