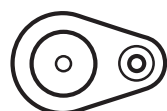


'Wedge 12'

RG-65 Class Yacht

By

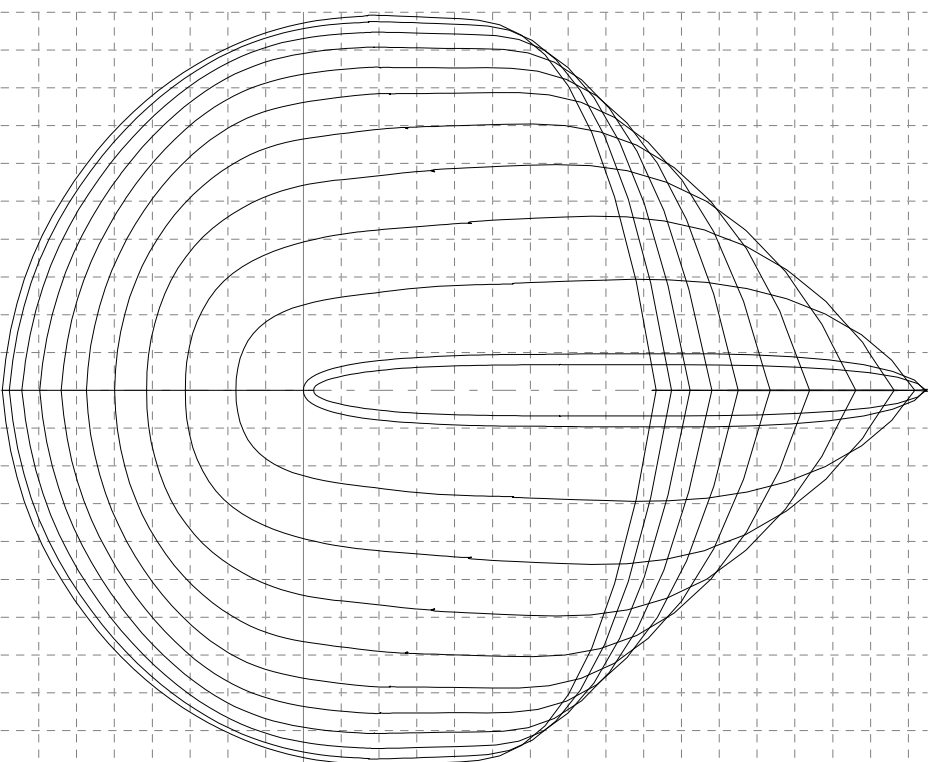
Mark Dicks



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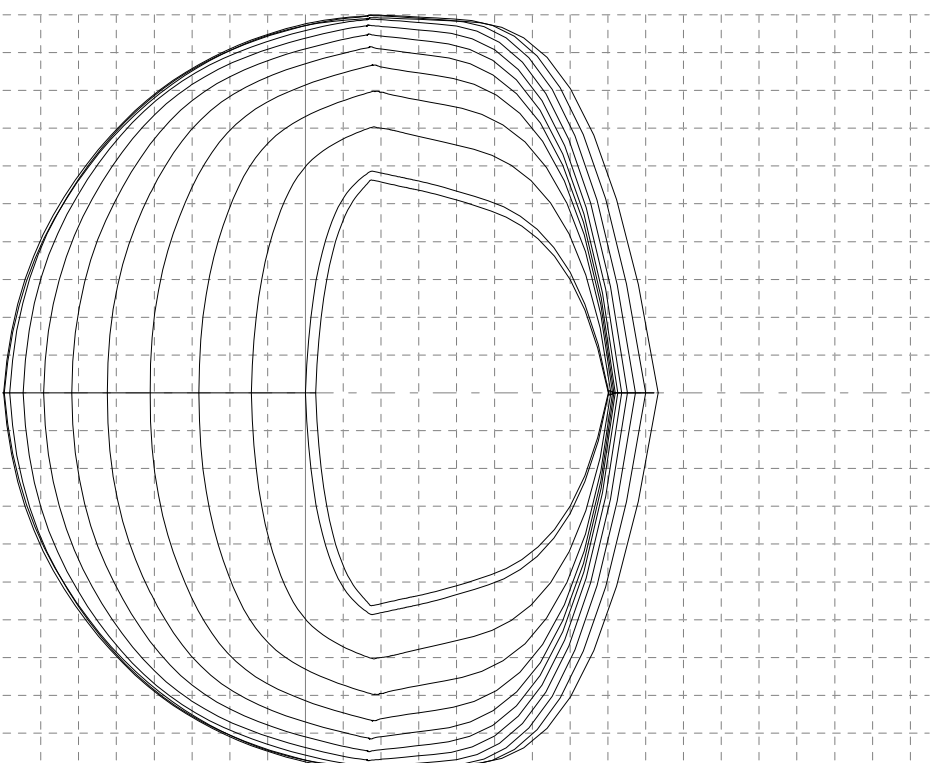
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Scale: 1/1
Class:
Notes: Loaded from IGES file

Device: CutePDF Writer
Date: 30-Dec-2015
Designer:

0
metres
0.075



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File: wedge12.vtx
Scale: 1/1
Class:
Notes: Loaded from IGES file
Device: CutePDF Writer
Date: 30-Dec-2015
Designer:

0
0.075
metres

-- Particulars -----

Designer: 30-Dec-2015
Design: wedge12.vtx
Definitions: Untitled
Class:
Notes: Loaded from IGES file

-- Hydrostatics -----

Loa = 0.65m Lwl = 0.6394m Lref = 0.6394m
Bext = 0.1m Bwl = 0.09761m T = 0.04m
Ffp = 0.08236m Fmid = 0.04666m Fap = 0.04017m
L/B = 6.55081 B/T = 2.44015 D/T = 3.06313
Amid = 0.00287sq.m Cmid = 0.73478
Awp = 0.04831sq.m Cwp = 0.77403 LCF = -3.8883%
Alat = 0.01705sq.m Clat = 0.66655 LCLA = -0.0793%
WSA = 0.0644sq.m Cwsa = 0.74289 LCwsa = -2.6457%
Vol = 0.00108cu.m Cvol = 4.14176 LCB = -2.4048%
Cp = 0.59025 Cb = 0.4337
It = 0.00003qu.m BMt = 0.02701m VCB = -0.0137m
dVol = 4.2053% dLCB = -0.4179% Leff = 0.67824m
Disp = 1.10941kg iE = 15.2978deg Beff = 0.10698m
Sink = 0.0m Trim = 0.0deg Teff = 0.04405m

-- Centre of gravity -----

Item	Area/Vol	Density	Mass	Lx	Lz
Hull	0.1677			0.32109	0.01251
Deck	0.00007			0.43568	0.04992
			-----	-----	-----
			0.0	0.0	0.0

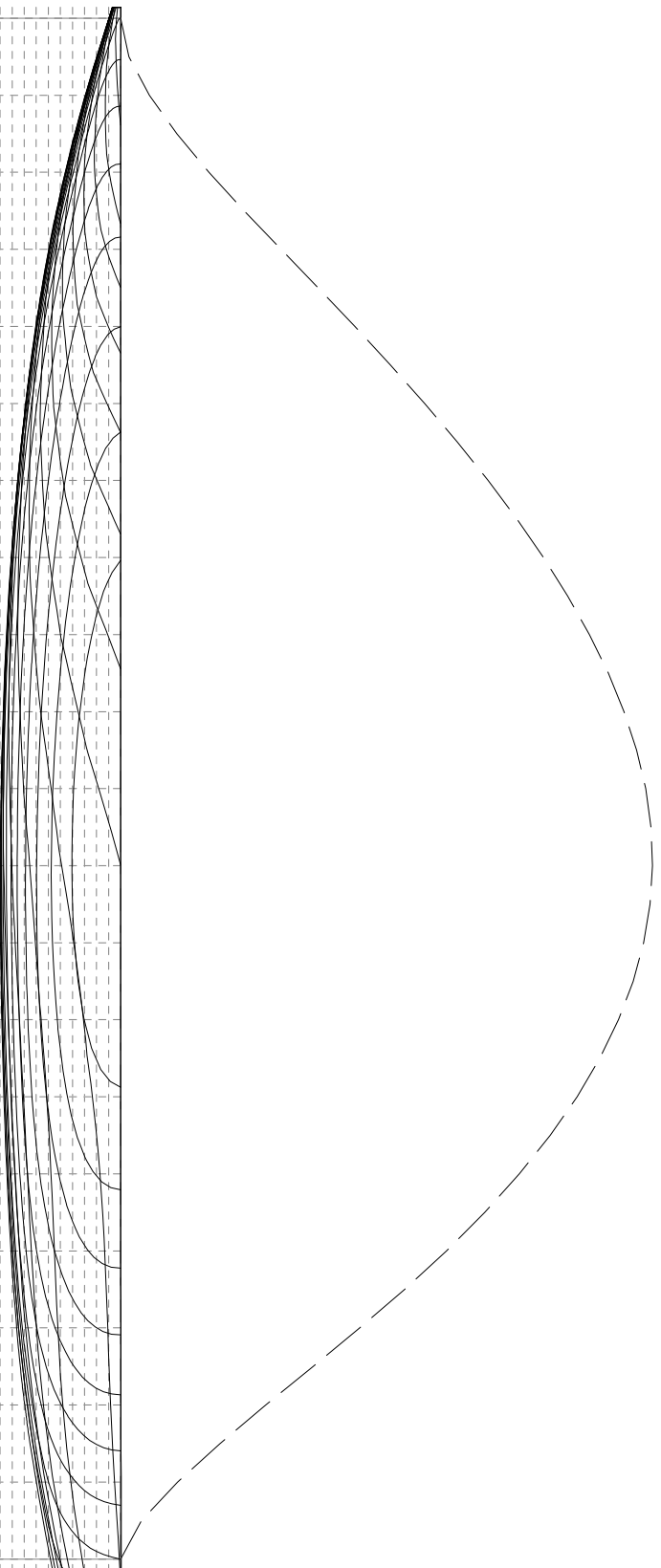
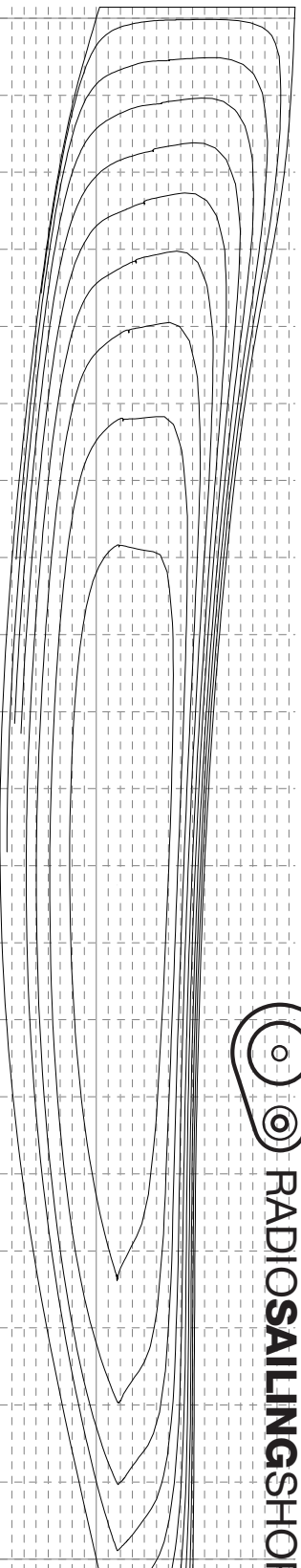
-- Calculation options -----

Np = 100 Ns = 20
Heel = 22.5deg axial Href = 0.0m
Vol. tol. = 0.05% Angle tol. = 0.0005deg
Auto trim: Enabled Long. origin: Bow
WSA method: Facet summation Integration method: Simpson
Wave method: Pratt Viscous method: ITTC
Density = 1024.7kg/cu.m Viscosity = 1.05e-6sq.m/s
Gravity = 9.80665m/s/s





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File: wedge12.vtx
Scale: 1/3
Class:
Notes: Loaded from IGES file

Device: CutePDF Writer
Date: 30-Dec-2015
Designer:

