

File Home Insert Page Layout Formulas Data Review View Developer ACROBAT Tell me what you want to do

Clipboard Font Alignment Number Styles Cells Editing

Calibri 9 A A Wrap Text Conditional Formatting Styles

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Status	Df 1.54 m	Dm 2 m	Da 2.44 m	Trim 0.92 m	List 0.1 m	Q 1090.84 t	H 1190.31 t	K0 2.41 m	QM 2.99 m	Q030° 1.92	Q06° 1.71	*IGZ 48.6	A30° 0.4	A45° 0.888
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STATIC AND DYNAMIC INTACT STABILITY

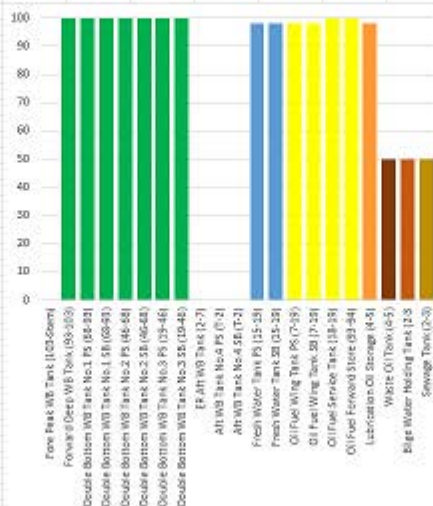
Compartment data	Weight tonnes	LCG metres	L-Moment l-metres	TGS	T-Moment metres	VGS	Y-Moment l-metres	FSM _{max} l-metres
Cargo Hold	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.00
Ballast Water	468.47	6.187	2898.50	0.000	0.00	0.815	288.13	0.00
Fresh Water	25.81	-22.999	-578.01	0.000	0.00	4.007	105.41	11.20
Oil Fuel	51.71	-25.187	-1198.95	0.062	5.18	1.709	88.36	25.70
Miscellaneous Tanks	1.85	-30.195	-56.21	-0.149	-0.18	5.587	6.80	0.00
Stores, Crew and Effect	5.15	-4.592	-23.85	0.000	0.00	4.889	25.08	0.00
Light Ship	557.88	-4.570	-2457.11	0.000	0.00	5.876	2085.87	0.00
Deadweight	552.88	1.884	1041.88	0.005	2.91	0.925	511.57	56.90
Total	1090.84	-1.358	-1415.42	0.005	2.91	2.980	2995.94	56.90

Displacement	1090.84 tonnes	SW Density	1.025 t/m ³	Δ	1090.84 tonnes
Reserve	1190.31 tonnes	DW Density	1.025 t/m ³		
		DWA	0.0 cm	Vol. HW	0.00 m ³

Forward draft at marks	1.544 m < 4.087 m	δ _v	1.538 m	List	0.1 p
Aftship draft at marks	2.062 m < 3.857 m	δ _w	2.037 m	Trim _{max}	0.937 m
Aft draft at marks	2.435 m	δ _v	2.496 m	Trim _v	0.956 m

Wl above the base line	5.342 m	Propeller immersion	31 %
WG (solid)	2.380 m	Calculated visibility expressed in S	1.0 L < 2.0 L
GA (solid)	3.963 m	Air Draft (Hast Ugi)	17.78 m
Free surface correction	0.094 m	Air Drafts (Wast Down)	0.98 m
WG (fluid)	2.424 m	Coaming heights at Fore to WL	4.75 m
GW (fluid)	2.927 m	Coaming heights at Aft to WL	4.37 m

Q ⁰	Q ¹	Q ²	Q ³	Q ⁴	Q ⁵	Q ⁶	Q ⁷	Q ⁸
Wl wt D	0.000	0.934	1.864	2.735	3.590	5.525	5.641	5.627
WG SinD	0.000	0.419	0.826	1.207	1.551	1.849	2.090	2.268
GZ wt D	0.000	0.495	1.059	1.537	1.899	1.674	1.550	1.359



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Insert Delete Format AutoSum More Sort & Filter Find & Select

HB	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC
	Stavo	Df 5.83 m	Dm 3.84 m	Ds 3.67 m	Trim 0.06 m	Lot 0.1°	Δ 2090.84 t	R 190.31 t	K0 2.86 m	QM 1.47 m	Q030° 0.84	Q0=0.94	*I02m/54.9	A30°/0.385	A40°/0.312														

CARGO

TOTAL Cargo		1000.00	0.99	0.00	3.34						273.00	989.82	0.00	3339.00
Item No	Description	Weight tonnes	LCG metres	TOG metres	VOC metres	SP m/tonne	Ullage mm	Error	Volume m³	Capacity %	VHM m³	L-Moment Tmetres	T-Moment Tmetres	V-Moment Tmetres
1	Grain - Oats in Bulk	1000.000	0.990	0.000	2.857	1.800	50	SP	2145.870	74.11%	275.000	989.823	0.000	3339.000
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Conversion Table for Storage Rates of Grain Cargo		
CU/MT/TON	m³/tonne	tonne/m³
42	1.777	0.564
42.5	1.784	0.564
43	1.799	0.564
43.5	1.732	0.575
44	1.739	0.575
44.5	1.740	0.575
45	1.754	0.579
45.5	1.768	0.580
46	1.782	0.580
46.5	1.799	0.577
47	1.810	0.580
47.5	1.824	0.585
48	1.858	0.548
48.5	1.851	0.540
49	1.866	0.552
49.5	1.880	0.525
50	1.895	0.528
50.5	1.407	0.711
51	1.421	0.704
51.5	1.435	0.697
52	1.449	0.690
53	1.477	0.677
54	1.505	0.664
55	1.533	0.652
56	1.561	0.641
57	1.589	0.629
58	1.618	0.619
59	1.644	0.608
60	1.672	0.598
61	1.700	0.588
62	1.728	0.579

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Autosum Fill Sort & Filter Find & Select

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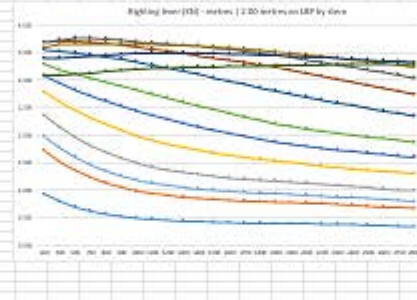
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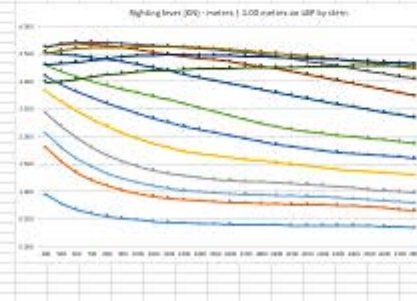
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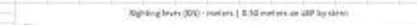
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+0.50





STATIC AND DYNAMIC INTACT STABILITY

Compartment data	Weight tonnes	LCG metres	L-Moment t.metres	TCG metres	T-Moment t.metres	VCG metres	V-Moment t.metres	FSM _{max} t.metres
Cargo Hold	1000.00	0.990	989.82	0.000	0.00	3.339	3339.00	Grain VHM
Ballast Water	468.47	6.187	2898.50	0.000	0.00	0.615	288.13	0.00
Fresh Water	25.81	-22.399	-578.01	0.000	0.00	4.007	103.41	11.20
Oil Fuel	51.71	-23.187	-1198.95	0.062	3.18	1.709	88.36	25.70
Miscellaneous Tanks	1.85	-30.395	-56.21	-0.149	-0.28	3.567	6.60	0.00
Stores, Crew and Effect	5.15	-4.592	-23.65	0.000	0.00	4.869	25.08	0.00
Light Ship	537.66	-4.570	-2457.11	0.000	0.00	3.876	2083.97	0.00
Deadweight	1552.98	1.308	2031.51	0.002	2.91	2.479	3850.57	36.90
Total	2090.64	-0.204	-425.60	0.001	2.91	2.839	5934.54	36.90

Displacement	2090.64 tonnes	SW Density	1.025 t/m ³	Δ	2090.64 tonnes
Reserve	190.31 tonnes	DW Density	1.025 t/m ³		
		DWA	0.0 cm	Vol. HM	273.00 m ⁴

Forward draft at marks	3.614 m < 4.087 m	d _F	3.618 m	List	0.1 ° p
Midship draft at marks	3.643 m < 3.857 m	d _M	3.648 m	Trim _{Apparent}	0.057 m
Aft draft at marks	3.669 m	d _A	3.678 m	Trim _L	0.061 m

KM above the base line	4.331 m	Propeller immersion	142 %
KG ₀ (solid)	2.839 m	Calculated visibility expressed in Ship's L	1.0 L < 2.0 L
GM ₀ (solid)	1.492 m	Air Draft (Mast Up)	16.53 m
Free surface correction	0.018 m	Air Draft (Mast Down)	8.73 m
KG (fluid)	2.856 m	Coaming height at Fore to WL	2.82 m
GM (fluid)	1.475 m	Coaming height at Aft to WL	2.78 m

0°	0°	10°	20°	30°	40°	50°	60°	70°	80°
KN at 0	0.000	0.755	1.447	2.065	2.636	3.114	3.544	3.443	3.401
KG*Sin0	0.000	0.496	0.977	1.463	1.947	2.426	2.904	2.684	2.813
GZ at 0	0.000	0.259	0.470	0.637	0.940	1.266	1.611	1.759	1.588

