

MV "Betty's Love"

IMO NO. 9291406 FLAG: Marshalllese BUILD: 2008

DRAUGHT SURVEY CERTIFICATE

PGUA/DS/278/25

INITIAL SURVEY	FINAL SURVEY
Inner roads 9.1	Wharf 213
13.09.2025 - 09:15 h	15.09.2025 - 15:25 h
0.15 m. waves	0.15 m. waves
Wind force 02	Wind force 02
No tide flow	Ebb tide, < 1 knot
Weather: Rainy	Weather: Fine

DRAUGHT	INITIAL	FINAL		
Forward port	4.4100 m	12.6600 m		
Forward starboard	4.4200 m	12.6900 m		
Forward mean	4.4150 m	12.6750 m		
Stem correction	-0.0221 m	-0.0028 m		
Draught forward (corrected to fore perpendicular)	4.3929 m	12.6722 m		
Midship port	5.2400 m	12.8300 m		
Midship starboard	5.2900 m	12.9000 m		
Midship mean	5.2650 m	12.8650 m		
Midship correction	-0.0044 m	-0.0006 m		
Draught midship (corrected to midship perpendicular)	5.2606 m	12.8644 m		
Aft port	6.2100 m	12.8700 m		
Aft starboard	6.2200 m	12.9400 m		
Aft mean	6.2150 m	12.9050 m		
Stern correction	0.1215 m	0.0155 m		
Draught after (corrected to after perpendicular)	6.3365 m	12.9205 m		
Kell correction	0.0000 m	0.0000 m		
Waterplane coefficient correction for hull deflexion	0.0091 m	-0.0087 m		
Means of means corrected for deflexion:	5.2958 m	12.8387 m		
True trim	BY STERN 1.94 m	BY STERN 0.25 m		
Heel (angle & in cm)	S 0.09 ° 5.00 cm	S 0.12 ° 7.00 cm		
Hull deflexion:	HOGGING 10.41 cm	SAGGING 6.80 cm		
DISPLACEMENTS	INITIAL	FINAL		
Displacement in salt water	30,792.0 t	78,696.8 t		
First trim correction	-298.3 t	24.7 t		
Second trim correction	14.9 t	0.3 t		
Displacement corrected for trim	30,508.6 t	78,721.8 t		
Water density	1.02150	1.01950		
Displacement corrected for density	30,404.4 t	78,299.4 t		
Deductibles (fresh water, oils, etc.)	19,510.7 t	1,637.7 t		
Displacement corrected for deductibles	10,893.7 t	76,661.7 t		
Light Ship	10,558.0 t			
Calculated constant	361.2 t			
Anchor + chain	25.5 t	0.0 t		
Total cargo loaded on board as per draught survey		65742.6 t		
Loading terminals: AG, CB, CT, LD, RO, SV, .	TPC	60.8 t/cm	TPC	66.6 t/cm
Cargo: Soybeans in bulk	MTC +0.5	808.1 t/cm	MTC +0.5	1057.8 t/cm
Paranaguá, Br - Brazil. September 15th, 2025	MTC -0.5	790.8 t/cm	MTC -0.5	1033.6 t/cm
Total cargo loaded on board as per shore scales				65,512.161 t
Total cargo loaded on board as per draught survey				65,742.553 t
Surplus		230.392 t		0.35 %

Remarks: 1) Due to huge hull deflexion in hogging on initial draft survey and sagging on final draft survey, it was applied the waterplane area coefficient correction for the deflexion formula as per UN/ECE/Energy/19/1992. 2) According to the Master/Chief Officer usual constant would amount to 350 t.

Standard Brazil Marine Surveys & Services Ltda.
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Master/Ch.Off:	65,792.000 t	279.839 t	0.43 %
Customs :	65,584.884 t	72.723 t	0.11 %
Charterers P&I:	65,726.145 t	213.984 t	0.33 %
Charterers:	65,747.000 t	234.839 t	0.36 %

Master/Ch.Off:
BETTYS LOVE