

MV "Betty's Love"	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	
IMO NO. 9291406 FLAG: Marshallese BUILD: 2008	Wind force 02		Wind force 02	
DRAUGHT SURVEY CERTIFICATE	No tide flow		Ebb tide, < 1knot	
PGUA/DS/278/25	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

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