

	INITIAL SURVEY	FINAL SURVEY	
M/V "Star Flame"	Inner roads 6.3	Wharf 213	
IMO NO. 9470076 FLAG: Caymanian BUILD: 2010	07.12.2025 - 15:10 h	12.12.2025 - 05:10 h	
DRAUGHT SURVEY CERTIFICATE	0.30 m. waves	0.10 m. waves	
PGUA/DS/356/25	Wind force 02	Wind force 01	
	No tide flow	No tide flow	
	Weather: Sunny	Weather: Sunny	
DRAUGHT	INITIAL	FINAL	
Forward port	5.1300 m	13.2400 m	
Forward starboard	5.2700 m	13.2400 m	
Forward mean	5.2000 m	13.2400 m	
Stem correction	-0.0422 m	-0.0180 m	
Draught forward (corrected to fore perpendicular)	5.1578 m	13.2220 m	
Midship port	5.8000 m	13.2700 m	
Midship starboard	6.0900 m	13.2900 m	
Midship mean	5.9450 m	13.2800 m	
Midship correction	-0.0220 m	-0.0180 m	
Draught midship (corrected to midship perpendicular)	5.9230 m	13.2620 m	
Aft port	6.8600 m	13.2400 m	
Aft starboard	6.8900 m	13.2400 m	
Aft mean	6.8750 m	13.2400 m	
Stern correction	0.0723 m	-0.0180 m	
Draught after (corrected to after perpendicular)	6.9473 m	13.2220 m	
Kell correction	0.0180 m	0.0180 m	
Means of means corrected:	5.9554 m	13.2520 m	
True trim	BY STERN 1.79 m	BY HEAD 0.00 m	
Heel (angle & in cm)	S 0,52 ° 29.00 cm	S 0,04 ° 2.00 cm	
Hull deflexion:	HOGGING 12.96 cm	SAGGING 4.00 cm	
DISPLACEMENTS	INITIAL	FINAL	
Displacement in salt water	36,318.9 t	85,419.2 t	
First trim correction	-440.1 t	0.0 t	
Second trim correction	21.6 t	0.0 t	
Displacement corrected for trim	35,900.4 t	85,419.2 t	
Water density	1.01950	1.01900	
Displacement corrected for density	35,707.7 t	84,919.2 t	
Deductibles (fresh water, oils, etc.)	21,928.5 t	1,566.7 t	
Displacement corrected for deductibles	13,779.2 t	83,352.5 t	
Light Ship	13,374.0 t		
Calculated constant	431.6 t		
Anchor + chain	26.4 t	0.0 t	
Total cargo loaded on board as per draught survey		69546.9 t	
Loading terminals: BTG, CO, CT & RO.	TPC	64.0 t/cm	69.9 t/cm
Cargo: Maize in bulk	MTC +0.5	948.0 t*cm	1199.6 t*cm
Paranaguá, Brazil. December 12th, 2025.	MTC -0.5	918.1 t*cm	1181.1 t*cm
Total cargo loaded on board as per shore scales			69,455.497 t
Total cargo loaded on board as per draught survey			69,546.913 t
Surplus		91.416 t	0.13 %

Standard Brazil Marine Surveys & Services Ltda.

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Master/Ch.Off:	69,516.853 t	61.356 t	0.09 %
Customs :	69,493.547 t	38.050 t	0.05 %
Charterers:	69,520.414 t	64.917 t	0.09 %
Consignees:	69,528.061 t	72.564 t	0.10 %
Shippers:	69,536.850 t	81.353 t	0.12 %



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