

	INITIAL SURVEY	FINAL SURVEY	
M/V "Lotus"	Inner roads 9.1	Wharf 214	
	07.11.2025 - 08:40 h	12.12.2025 - 08:00 h	
	0.10 m. waves	0.10 m. waves	
IMO NO. 9518098	FLAG: Liberian	BUILD: 2012	
DRAUGHT SURVEY CERTIFICATE		No tide flow	
PGUA/DS/355/25		Weather: Sunny	
Weather: Cloudy			
DRAUGHT	INITIAL	FINAL	
Forward port	3.5700 m	11.5100 m	
Forward starboard	3.5400 m	11.4400 m	
Forward mean	3.5550 m	11.4750 m	
Stem correction	-0.1415 m	-0.0425 m	
Draught forward (corrected to fore perpendicular)	3.4135 m	11.4325 m	
Midship port	4.9000 m	12.0100 m	
Midship starboard	4.8700 m	11.8800 m	
Midship mean	4.8850 m	11.9450 m	
Midship correction	-0.0042 m	-0.0013 m	
Draught midship (corrected to midship perpendicular)	4.8808 m	11.9437 m	
Aft port	6.5000 m	12.3800 m	
Aft starboard	6.5000 m	12.2700 m	
Aft mean	6.5000 m	12.3250 m	
Stern correction	0.0210 m	0.0414 m	
Draught after (corrected to after perpendicular)	6.5210 m	12.3664 m	
Kell correction	0.0000 m	0.0000 m	
Means of means corrected:	4.9024 m	11.9326 m	
True trim	BY STERN 3.11 m	BY STERN 0.93 m	
Heel (angle & in cm)	P 0.05 ° 3.00 cm	P 0.23 ° 13.00 cm	
Hull deflexion:	HOGGING 8.65 cm	SAGGING 4.42 cm	
DISPLACEMENTS	INITIAL	FINAL	
Displacement in salt water	29,746.4 t	76,777.5 t	
First trim correction	-778.0 t	38.7 t	
Second trim correction	45.8 t	4.2 t	
Displacement corrected for trim	29,014.2 t	76,820.4 t	
Water density	1.01900	1.01950	
Displacement corrected for density	28,844.3 t	76,408.2 t	
Deductibles (fresh water, oils, etc.)	16,411.9 t	3,112.2 t	
Displacement corrected for deductibles	12,432.4 t	73,295.9 t	
Light Ship	12,126.0 t		
Calculated constant	329.8 t		
Anchor + chain	23.4 t	0.0 t	
Total cargo loaded on board as per draught survey		60840.1 t	
Loading Terminals: COAMO.	TPC	63.8 t/cm	70.1 t/cm
Cargo: Soybean meal in bulk	MTC +0.5	925.2 t*cm	1205.7 t*cm
Paranaguá, Brazil. December 12th, 2025.	MTC -0.5	904.1 t*cm	1184.2 t*cm
Total cargo loaded on board as per shore scales			60,828.771 t
Total cargo loaded on board as per draught survey			60,840.092 t
Surplus	11.321 t		0.02 %

Standard Brazil Marine Surveys & Services Ltda.
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Master/Ch.Off: 60,833.230 t 4.459 t 0.01 %
 Customs : 60,841.054 t 12.283 t 0.02 %