

PGUA/DS/

M/V "Modigliani"	INITIAL SURVEY		FINAL SURVEY	
	Wharf 214		Inner roads P1	
	22.09.2025 - 17:45 h		24.09.2025 - 17:30 h	
	0.30 m. waves		0.10 m. waves	
IMO NO. 9615406 FLAG: Liberian BUILD: 2013	Wind force 02		Wind force 02	
DRAUGHT SURVEY CERTIFICATE	Ebb tide, < 1knot		Flood tide, 1 knot	
PGUA/DS/	Weather: Fine		Weather: Overcast	
DRAUGHT	INITIAL		FINAL	
Forward port	4.5100 m		12.9100 m	
Forward starboard	4.5200 m		12.8900 m	
Forward mean	4.5150 m		12.9000 m	
Stem correction	-0.0674 m		-0.0093 m	
Draught forward (corrected to fore perpendicular)	4.4476 m		12.8907 m	
Midship port	5.7400 m		13.1600 m	
Midship starboard	5.7700 m		13.1300 m	
Midship mean	5.7550 m		13.1450 m	
Midship correction	-0.0106 m		-0.0015 m	
Draught midship (corrected to midship perpendicular)	5.7444 m		13.1435 m	
Aft port	7.2900 m		13.2500 m	
Aft starboard	7.2900 m		13.2700 m	
Aft mean	7.2900 m		13.2600 m	
Stem correction	0.0191 m		0.0271 m	
Draught after (corrected to after perpendicular)	7.3091 m		13.2871 m	
Kell correction	0.0000 m		0.0000 m	
Means of means corrected:	5.7779 m		13.1299 m	
True trim	BY STERN	2.86 m	BY STERN	0.40 m
Heel (angle & in cm)	S 0.05 °	3.00 cm	P 0.05 °	3.00 cm
Hull deflexion:	HOGGING	13.40 cm	SAGGING	5.46 cm
DISPLACEMENTS	INITIAL		FINAL	
Displacement in salt water	35,056.1 t		86,240.7 t	
First trim correction	-565.4 t		59.6 t	
Second trim correction	83.8 t		0.5 t	
Displacement corrected for trim	34,574.4 t		86,300.8 t	
Water density	1.02000		1.02025	
Displacement corrected for density	34,405.8 t		85,900.9 t	
Deductibles (fresh water, oils, etc.)	19,437.2 t		3,055.1 t	
Displacement corrected for deductibles	14,968.6 t		82,845.8 t	
Light Ship	14,351.2 t			
Calculated constant	617.4 t			
Anchor + chain	0.0 t		34.4 t	
Total cargo loaded on board as per draught survey			67911.6 t	
Loading terminals: CT, IT, RO, .	TPC	65.3 t/cm	TPC	73.3 t/cm
Cargo: Maize in bulk	MTC +0.5	980.2 t/cm	MTC +0.5	1344.7 t/cm
Paranaguá, Br - Brazil. September 24th, 2025	MTC -0.5	934.1 t/cm	MTC -0.5	1330.0 t/cm
Total cargo loaded on board as per shore scales			68,046.310 t	
Total cargo loaded on board as per draught survey			67,911.589 t	
Shortage	-134.721 t		-0.20 %	

Standard Brazil Marine Surveys & Services Ltda.

José Antonio Machado Gomes Pereira / Haroldo Fernandes Alves Junior

Licensed Marine Officer / Marine Surveyor / 575460MM

Master/Ch. Off: 67,969.000 t -77.310 t -0.11 %

Customs : 67,924.870 t -121.440 t -0.18 %

Master/Ch. Off:

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