

	INITIAL SURVEY	FINAL SURVEY	
	Inner roads 7.2	Inner roads P.1	
IMO NO. 9723045	14.11.2025 - 17:15 h	19.11.2025 - 17:10 h	
FLAG: Liberian	0,15 m. waves	0,20 m. waves	
BUILD: 2017	Wind force 01	Wind force 01	
<b>DRAUGHT SURVEY CERTIFICATE</b>	No tide flow	Ebb Tide, 1knot	
PGUA/DS/332/25	Weather: Cloudy	Weather: Sunny	
<b>DRAUGHT</b>	<b>INITIAL</b>	<b>FINAL</b>	
Forward port	4,6100 m	12,7300 m	
Forward starboard	4,5800 m	12,7200 m	
Forward mean	4,5950 m	12,7250 m	
Stem correction	-0,1178 m	-0,0264 m	
<b>Draught forward (corrected to fore perpendicular)</b>	<b>4,4772 m</b>	<b>12,6986 m</b>	
Midship port	5,9300 m	12,8500 m	
Midship starboard	5,8800 m	12,8400 m	
Midship mean	5,9050 m	12,8450 m	
Midship correction	-0,0286 m	-0,0232 m	
<b>Draught midship (corrected to midship perpendicular)</b>	<b>5,8764 m</b>	<b>12,8218 m</b>	
Aft port	7,5700 m	12,8300 m	
Aft starboard	7,5700 m	12,8200 m	
Aft mean	7,5700 m	12,8250 m	
Stem correction	-0,0007 m	-0,0164 m	
<b>Draught after (corrected to after perpendicular)</b>	<b>7,5693 m</b>	<b>12,8086 m</b>	
Kell correction	0,0230 m	0,0230 m	
Waterplane coefficient correction for hull deflexion	0,0157 m	-0,0105 m	
<b>Means of means corrected for deflexion:</b>	<b>5,9288 m</b>	<b>12,7942 m</b>	
True trim	BY STERN 3,09 m	BY STERN 0,11 m	
Heel (angle & in cm)	P 000 ° 5,00 cm	P 000 ° 1,00 cm	
Hull deflexion:	HOGGING 14,69 cm	SAGGING 6,82 cm	
<b>DISPLACEMENTS</b>	<b>INITIAL</b>	<b>FINAL</b>	
Displacement in salt water	30.745,7 t	71.637,5 t	
First trim correction	-542,7 t	13,1 t	
Second trim correction	89,8 t	0,0 t	
Displacement corrected for trim	30.292,8 t	71.650,6 t	
Water density	1,01850	1,01900	
Displacement corrected for density	30.100,7 t	71.231,1 t	
Deductibles (fresh water, oils, etc.)	17.842,9 t	1.220,9 t	
Displacement corrected for deductibles	12.257,8 t	70.010,2 t	
Light Ship	11.795,0 t		
Calculated constant	486,2 t		
Anchor + chain	23,4 t	29,9 t	
<b>Total cargo loaded on board as per draught survey</b>		<b>57758,9 t</b>	
Loading terminals: CO, CT, IT, .	TPC	56,0 t/cm	62,1 t/cm
Cargo: Maize in bulk	MTC +0,5	723,8 t/cm	953,7 t/cm
Paranagua, Br - Brazil. November 19th, 2025	MTC -0,5	687,4 t/cm	950,3 t/cm
<b>Total cargo loaded on board as per shore scales</b>		<b>57.643,666 t</b>	
<b>Total cargo loaded on board as per draught survey</b>		<b>57.758,934 t</b>	
<b>Surplus</b>		<b>115,268 t</b> 0,20 %	

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.

JOSÉ ANTONIO M. G. PEREIRA  
 Standard Brazil Marine Surveys & Services Ltda.  
 José Antônio Machado Gomes Pereira / Thiago Henrique Barbosa Verhagen  
 Licensed Marine Officer / Marine Surveyor / 375460MM

Master/Ch.Off.: 57.964,490 t 320.824 t 0,56 %  
 Customs : 58.007,892 t 364.226 t 0,63 %

FOR RECEIPT ONLY

Master/Ch.Off:

