

	INITIAL SURVEY	FINAL SURVEY		
<b>M/V "Arethousa"</b>	<b>Inner roads 9.2</b>	<b>Wharf 212</b>		
IMO NO. 9618020 FLAG: Panamanian BUILD: 2012	23.11.2025 - 09:45 h	28.11.2025 - 03:10 h		
<b>DRAUGHT SURVEY CERTIFICATE</b>	0,20 m. waves	0,10 m. waves		
PGUA/DS/340/25	Wind force 01	Wind force 01		
	No tide flow	No tide flow		
	Weather: Flood tide, 2 knot	Weather: Cloudy		
<b>DRAUGHT</b>	<b>INITIAL</b>	<b>FINAL</b>		
Forward port	5,4100 m	13,0200 m		
Forward starboard	5,3000 m	13,0100 m		
Forward mean	5,3550 m	13,0150 m		
Stem correction	-0,0281 m	-0,0027 m		
<b>Draught forward (corrected to fore perpendicular)</b>	<b>5,3269 m</b>	<b>13,0123 m</b>		
Midship port	6,3000 m	13,2100 m		
Midship starboard	6,0400 m	13,1800 m		
Midship mean	6,1700 m	13,1950 m		
Midship correction	0,0000 m	0,0000 m		
<b>Draught midship (corrected to midship perpendicular)</b>	<b>6,1700 m</b>	<b>13,1950 m</b>		
Aft port	7,0800 m	13,2000 m		
Aft starboard	7,0200 m	13,1600 m		
Aft mean	7,0500 m	13,1800 m		
Stern correction	0,1025 m	0,0100 m		
<b>Draught after (corrected to after perpendicular)</b>	<b>7,1525 m</b>	<b>13,1900 m</b>		
Kell correction	0,0000 m	0,0000 m		
<b>Means of means corrected:</b>	<b>6,1874 m</b>	<b>13,1715 m</b>		
True trim	BY STERN 1,83 m	BY STERN 0,18 m		
Heel (angle & in cm)	P 0,46 ° 26,00 cm	P 0,05 ° 3,00 cm		
Hull deflexion:	HOGGING 6,97 cm	SAGGING 9,38 cm		
<b>DISPLACEMENTS</b>	<b>INITIAL</b>	<b>FINAL</b>		
Displacement in salt water	35.424,5 t	80.359,9 t		
First trim correction	-373,0 t	10,7 t		
Second trim correction	24,2 t	0,1 t		
Displacement corrected for trim	35.075,7 t	80.370,7 t		
Water density	1,02000	1,01800		
Displacement corrected for density	34.904,6 t	79.821,8 t		
Deductibles (fresh water, oils, etc.)	22.809,0 t	2.004,7 t		
Displacement corrected for deductibles	<b>12.095,6 t</b>	<b>77.817,1 t</b>		
Light Ship	<b>11.919,0 t</b>			
Calculated constant	<b>202,5 t</b>			
Anchor + chain	25,9 t	0,0 t		
<b>Total cargo loaded on board as per draught survey</b>		<b>65695,6 t</b>		
Loading Terminals: AG, CT, IT, RO & SV.	TPC	61,3 t/cm	TPC	67,0 t/cm
Cargo: Soybeans in bulk	MTC +0,5	847,7 t*cm	MTC +0,5	1083,4 t*cm
Paranaguá, Brazil. November 28th, 2025.	MTC -0,5	816,0 t*cm	MTC -0,5	1064,3 t*cm
<b>Total cargo loaded on board as per shore scales</b>				<b>65.715,313 t</b>
<b>Total cargo loaded on board as per draught survey</b>				<b>65.695,568 t</b>
<b>Shortage</b>				<b>-0,03 %</b>

Standard Brazil Marine Surveys & Services Ltda.  
 José Antonio Machado Gomes Pereira & Alexandre S. W. Depetriz  
 Licensed Marine Officer / Marine Surveyor 375460MM

Master/Ch.Off: 65.707,710 t -7,603 t -0,01 %  
 Customs : 65.707,501 t -7,812 t -0,01 %  
 Charterers: 65.711,895 t -3,418 t -0,01 %



[www.standardbrazil.com.br](http://www.standardbrazil.com.br)