

MV "Ionic Pleione"	INITIAL SURVEY		FINAL SURVEY	
	Inner roads 9.1		Wharf 212	
	20.11.2025 - 15:15 h		25.11.2025 - 19:55 h	
	0,50 m. waves		0,15 m. waves	
IMO NO. 9785354	FLAG: Cypriot	BUILD: 2017	Wind force 03	Wind force 01
DRAUGHT SURVEY CERTIFICATE			No tide flow	Ebb tide, 1knot
PGUA/DS/338/25			Weather: Sunny	Weather: Sunny
DRAUGHT	INITIAL		FINAL	
Forward port	4,5000 m		11,7400 m	
Forward starboard	4,5800 m		11,7300 m	
Forward mean	4,5400 m		11,7350 m	
Stem correction	-0,1034 m		-0,0093 m	
Draught forward (corrected to fore perpendicular)	4,4366 m		11,7257 m	
Midship port	5,6500 m		11,8500 m	
Midship starboard	5,8000 m		11,8400 m	
Midship mean	5,7250 m		11,8450 m	
Midship correction	0,0000 m		0,0000 m	
Draught midship (corrected to midship perpendicular)	5,7250 m		11,8450 m	
Aft port	7,0900 m		11,9800 m	
Aft starboard	7,1200 m		11,9500 m	
Aft mean	7,1050 m		11,9650 m	
Stem correction	0,1345 m		0,0121 m	
Draught after (corrected to after perpendicular)	7,2395 m		11,9771 m	
Kell correction	0,0000 m		0,0000 m	
Waterplane coefficient correction for hull deflexion	0,0099 m		0,0008 m	
Means of means corrected for deflexion:	5,7631 m		11,8474 m	
True trim	BY STERN	2,80 m	BY STERN	0,25 m
Heel (angle & in cm)	S 000 °	15,00 cm	P 000 °	1,00 cm
Hull deflexion:	HOGGING	11,31 cm	HOGGING	0,64 cm
DISPLACEMENTS	INITIAL		FINAL	
Displacement in salt water	36.217,4 t		78.886,6 t	
First trim correction	-577,4 t		23,2 t	
Second trim correction	61,1 t		0,6 t	
Displacement corrected for trim	35.701,2 t		78.910,3 t	
Water density	1,02050		1,01800	
Displacement corrected for density	35.544,4 t		78.371,4 t	
Deductibles (fresh water, oils, etc.)	21.845,5 t		1.603,2 t	
Displacement corrected for deductibles	13.698,9 t		76.768,3 t	
Light Ship	13.481,0 t			
Calculated constant	248,6 t			
Anchor + chain	30,7 t		0,0 t	
Total cargo loaded on board as per draught survey			63038,7 t	
Loading terminals: IT, RO, SH, .	TPC	66,8 t/cm	TPC	73,5 t/cm
Cargo: Soybean meal in bulk	MTC +0.5	914,2 t/cm	MTC +0.5	1195,1 t/cm
Paranaguá, Brazil. November 25th, 2025	MTC -0.5	879,5 t/cm	MTC -0.5	1155,6 t/cm
Total cargo loaded on board as per shore scales			63.045,045 t	
Total cargo loaded on board as per draught survey			63.038,677 t	
Shortage	-6,368 t		-0,01 %	

Remarks: 1) Due to huge hull deflexion in hogging on initial 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 250 t.

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

Master/Ch.Off: 63.038,589 t -6,456 t -0,01 %  
Customs: 63.247,529 t 202,484 t 0,32 %

