

	INITIAL SURVEY	FINAL SURVEY		
MV "Ionic Pleione"	Inner roads 9.1	Wharf 212		
IMO NO. 9785354 FLAG: Cypriot BUILD: 2017	20.11.2025 - 15:15 h	25.11.2025 - 19:55 h		
DRAUGHT SURVEY CERTIFICATE	0,50 m. waves	0,15 m. waves		
PGUA/DS/338/25	Wind force 03	Wind force 01		
	No tide flow	Ebb tide, 1knot		
	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.

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

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