

MV "CHRISTINA V"	INITIAL SURVEY		FINAL SURVEY	
	Inner roads 9.2		Wharf 212	
	05 12 2025 - 09 10 h		07 12 2025 - 17 45 h	
	0.15 m waves		0.15 m waves	
IMO NO. 9658915 FLAG: Liberian BUILD: 2014	Wind force 01		Wind force 03	
DRAUGHT SURVEY CERTIFICATE	No tide flow		flood tide, < 1knot	
PGUA/DS/350/25	Weather: Sunny		Weather: Fine	
DRAUGHT	INITIAL		FINAL	
Forward port	5.1400 m		13.3100 m	
Forward starboard	5.1800 m		13.3000 m	
Forward mean	5.1600 m		13.3050 m	
Stem correction	-0.0289 m		0.0021 m	
Draught forward (corrected to fore perpendicular)	5.1311 m		13.3071 m	
Midship port	5.9100 m		13.3500 m	
Midship starboard	6.1100 m		13.2800 m	
Midship mean	6.0100 m		13.3150 m	
Midship correction	-0.0047 m		0.0003 m	
Draught midship (corrected to midship perpendicular)	6.0053 m		13.3153 m	
Aft port	7.0900 m		13.1950 m	
Aft starboard	7.1100 m		13.1400 m	
Aft mean	7.1000 m		13.1675 m	
Stern correction	0.1181 m		-0.0084 m	
Draught after (corrected to after perpendicular)	7.2181 m		13.1591 m	
Kell correction	0.0000 m		0.0000 m	
Waterplane coefficient correction for hull deflexion	0.0152 m		-0.0106 m	
Means of means corrected for deflexion:	6.0629 m		13.2842 m	
True trim	BY STERN	2.09 m	BY HEAD	-0.15 m
Heel (angle & in cm)	S 0.36 °	20.00 cm	P 0.12 °	7.00 cm
Hull deflexion:	HOGGING	16.93 cm	SAGGING	8.22 cm
DISPLACEMENTS	INITIAL		FINAL	
Displacement in salt water	35,383.1 t		81,553.1 t	
First trim correction	-287.6 t		-15.8 t	
Second trim correction	21.4 t		0.1 t	
Displacement corrected for trim	35,116.9 t		81,537.3 t	
Water density	1.01900		1.01750	
Displacement corrected for density	34,911.3 t		80,940.7 t	
Deductibles (fresh water, oils, etc.)	22,644.0 t		1,583.9 t	
Displacement corrected for deductibles	12,267.3 t		79,356.8 t	
Light Ship	11,994.0 t			
Calculated constant	302.4 t			
Anchor + chain	29.1 t		0.0 t	
Total cargo loaded on board as per draught survey			67060.4 t	
Loading terminals: IT, RO, .	TPC	61.1 t/cm	TPC	66.7 t/cm
Cargo: Maize in bulk	MTC +0.5	823.3 t*cm	MTC +0.5	1064.4 t*cm
Paranaguá, Br - Brazil. December 7th, 2025	MTC -0.5	801.7 t*cm	MTC -0.5	1045.4 t*cm
Total cargo loaded on board as per shore scales			67,043.315 t	
Total cargo loaded on board as per draught survey			67,060.392 t	
Surplus	17.077 t		0.03 %	

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 450 t.

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Master/Ch.Off: 67,045.086 t 1.771 t 0.00 %
Customs : 67,048.939 t 5.624 t 0.01 %
Charterers: 67,057.178 t 13.863 t 0.02 %
Consignees: 67,090.339 t 47.024 t 0.07 %

Master/Ch.Off: