

	INITIAL SURVEY	FINAL SURVEY		
M/V "MSXT HELEN"	Wharf 214	Wharf 214		
IMO NO. 9929314 FLAG: Liberian BUILD: 2022	23.11.2025 - 22:10 h	27.11.2025 - 18:20 h		
DRAUGHT SURVEY CERTIFICATE	0,15 m. waves	0,15 m. waves		
PGUA/DS/341/25	Wind force 01	Wind force 01		
Flood tide, 1knot	Ebb tide, 1knot			
Weather: Rainy	Weather: Fine			
DRAUGHT	INITIAL	FINAL		
Forward port	5,2700 m	11,4800 m		
Forward starboard	5,2900 m	11,3300 m		
Forward mean	5,2800 m	11,4050 m		
Stem correction	-0,1030 m	-0,0335 m		
Draught forward (corrected to fore perpendicular)	5,1770 m	11,3715 m		
Midship port	6,2000 m	11,7900 m		
Midship starboard	6,2200 m	11,5500 m		
Midship mean	6,2100 m	11,6700 m		
Midship correction	-0,0279 m	-0,0191 m		
Draught midship (corrected to midship perpendicular)	6,1821 m	11,6509 m		
Aft port	7,4000 m	11,8800 m		
Aft starboard	7,4000 m	11,6800 m		
Aft mean	7,4000 m	11,7800 m		
Stern correction	-0,0315 m	0,0118 m		
Draught after (corrected to after perpendicular)	7,3685 m	11,7918 m		
Kell correction	0,0170 m	0,0170 m		
Means of means corrected:	6,2048 m	11,6336 m		
True trim	BY STERN 2,19 m	BY STERN 0,42 m		
Heel (angle & in cm)	S 000 ° 2,00 cm	P 000 ° 24,00 cm		
Hull deflexion:	HOGGING 9,07 cm	SAGGING 6,93 cm		
DISPLACEMENTS	INITIAL	FINAL		
Displacement in salt water	42.160,4 t	83.529,8 t		
First trim correction	-379,2 t	56,2 t		
Second trim correction	57,1 t	1,1 t		
Displacement corrected for trim	41.838,2 t	83.587,1 t		
Water density	1,01950	1,01800		
Displacement corrected for density	41.613,7 t	83.016,3 t		
Deductibles (fresh water, oils, etc.)	26.591,1 t	2.093,0 t		
Displacement corrected for deductibles	15.022,6 t	80.923,3 t		
Light Ship	14.559,0 t			
Calculated constant	463,6 t			
Anchor + chain	0,0 t	0,0 t		
Total cargo loaded on board as per draught survey		65900,6 t		
Loading terminals: CO, .	TPC	72,7 t/cm	TPC	79,4 t/cm
Cargo: Soybeans in bulk	MTC +0,5	1084,9 t/cm	MTC +0,5	1385,0 t/cm
Paranaguá, Br - Brazil. November 27th, 2025	MTC -0,5	1031,1 t/cm	MTC -0,5	1356,2 t/cm
Total cargo loaded on board as per shore scales				66.012,720 t
Total cargo loaded on board as per draught survey				65.900,631 t
Shortage			-112,089 t	-0,17 %



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Remark : FOR RECEIPT ONLY

Master/Ch.Off: 65.731,180 t -281,540 t -0,43 %
Customs : 65.908,368 t -104,352 t -0,16 %

M/V MSXT HELEN
A4 13 3
CHIEF OFFICER

Master/Ch.Off: