

PGUA/DS/341/25

M/V "MSXT HELEN"	INITIAL SURVEY		FINAL SURVEY	
	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 %	

Standard Brazil Marine Surveys & Services Ltda.
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Master/Ch.Off: 65.731,180 t -281,540 t -0,43 %
 Customs : 65.908,368 t -104,352 t -0,16 %

Remark: FOR RECEIPT ONLY

M/V MSXT HELEN
 耿俊书
 CHIEF OFFICER

Master/Ch.Off: