

		INITIAL SURVEY		FINAL SURVEY	
M/V "STAR PIERA"		Inner roads 7.2		Wharf 213	
		12.11.2025 - 18:13 h		15.11.2025 - 21:10 h	
		0,20 m. waves		0,15 m. waves	
IMO NO. 9450909 FLAG: Maltese BUILD: 2010		Wind force 01		Wind force 01	
DRAUGHT SURVEY CERTIFICATE		Flood tide, 1knot		Flood tide, 1knot	
PGUA/DS/329/25		Weather: Fine		Weather: Fine	
DRAUGHT		INITIAL		FINAL	
Forward port		5,3200 m		13,2200 m	
Forward starboard		5,4200 m		13,2800 m	
Forward mean		5,3700 m		13,2500 m	
Stern correction		-0,0273 m		0,0014 m	
Draught forward (corrected to fore perpendicular)		5,3427 m		13,2514 m	
Midship port		5,9900 m		13,2000 m	
Midship starboard		6,1900 m		13,3100 m	
Midship mean		6,0900 m		13,2550 m	
Midship correction		0,0225 m		-0,0011 m	
Draught midship (corrected to midship perpendicular)		6,1125 m		13,2539 m	
Aft port		6,9700 m		13,1200 m	
Aft starboard		6,9900 m		13,2200 m	
Aft mean		6,9800 m		13,1700 m	
Stern correction		0,0839 m		-0,0042 m	
Draught after (corrected to after perpendicular)		7,0639 m		13,1658 m	
Kell correction		0,0000 m		0,0000 m	
Means of means corrected:		6,1352 m		13,2426 m	
True trim		BY STERN	1,72 m	BY HEAD	-0,09 m
Heel (angle & in cm)		S 000 °	20,00 cm	S 000 °	11,00 cm
Hull deflexion:		HOGGING	9,08 cm	SAGGING	4,53 cm
DISPLACEMENTS		INITIAL		FINAL	
Displacement in salt water		41.790,3 t		96.120,7 t	
First trim correction		-557,5 t		-1,5 t	
Second trim correction		26,5 t		0,0 t	
Displacement corrected for trim		41.259,3 t		96.119,2 t	
Water density		1,01850		1,01650	
Displacement corrected for density		40.997,6 t		95.322,1 t	
Deductibles (fresh water, oils, etc.)		24.281,5 t		1.663,7 t	
Displacement corrected for deductibles		16.716,1 t		93.658,4 t	
Light Ship		16.075,3 t			
Calculated constant		672,9 t			
Anchor + chain		32,1 t		0,0 t	
Total cargo loaded on board as per draught survey				76910,1 t	
Loading terminals: CB, CT, IT, RO, .		TPC	71,9 t/cm	TPC	80,0 t/cm
Cargo: Maize in bulk		MTC +0.5	1033,3 t*cm	MTC +0.5	1374,7 t*cm
Paranaguá, Br - Brazil. November 15th, 2025		MTC -0.5	993,6 t*cm	MTC -0.5	1352,5 t*cm
Total cargo loaded on board as per shore scales				77.000,000 t	
Total cargo loaded on board as per draught survey				76.910,105 t	
Shortage				-89,895 t -0,12 %	

Standard Brazil Marine Surveys & Services Ltda.
 José Antonio Machado Gomes Pereira / Igor do Carmo C. Pinotti
 Licensed Marine Officer / Marine Surveyor / 375460MM

Master/Ch.Off: 76.861,400 t -138,600 t -0,18 %
 Customs : 76.861,000 t -139,000 t -0,18 %
 Charterers: 76.903,389 t -96,611 t -0,13 %

Master/Ch.Off: