

	INITIAL SURVEY	FINAL SURVEY		
<b>MV "Star Fairfield"</b>	<b>Wharf 214</b>	<b>Wharf 214</b>		
IMO NO. 9575230 FLAG: Liberian BUILD: 2013	27.11.2025 - 23:10 h	29.11.2025 - 19:45 h		
<b>DRAUGHT SURVEY CERTIFICATE</b>	0.15 m. waves	0.15 m. waves		
PGUA/DS/343/25	Wind force 02	Wind force 02		
	No tide flow	No tide flow		
	Weather: Fine	Weather: Overcast		
<b>DRAUGHT</b>	<b>INITIAL</b>	<b>FINAL</b>		
Forward port	5.0800 m	12.8900 m		
Forward starboard	4.9700 m	12.8900 m		
Forward mean	5.0250 m	12.8900 m		
Stem correction	-0.0723 m	0.0003 m		
<b>Draught forward (corrected to fore perpendicular)</b>	<b>4.9527 m</b>	<b>12.8903 m</b>		
Midship port	6.1500 m	12.9900 m		
Midship starboard	5.9500 m	12.9600 m		
Midship mean	6.0500 m	12.9750 m		
Midship correction	-0.0043 m	0.0000 m		
<b>Draught midship (corrected to midship perpendicular)</b>	<b>6.0457 m</b>	<b>12.9750 m</b>		
Aft port	7.2900 m	12.8900 m		
Aft starboard	7.3000 m	12.8700 m		
Aft mean	7.2950 m	12.8800 m		
Stern correction	0.0170 m	-0.0006 m		
<b>Draught after (corrected to after perpendicular)</b>	<b>7.3120 m</b>	<b>12.8794 m</b>		
Kell correction	0.0000 m	0.0000 m		
Waterplane coefficient correction for hull deflexion	0.0093 m	-0.0139 m		
<b>Means of means corrected for deflexion:</b>	<b>6.0767 m</b>	<b>12.9385 m</b>		
<b>True trim</b>	<b>BY STERN 2.36 m</b>	<b>BY HEAD -0.01 m</b>		
<b>Heel (angle &amp; in cm)</b>	<b>P 0.36 ° 20.00 cm</b>	<b>P 0.05 ° 3.00 cm</b>		
<b>Hull deflexion:</b>	<b>HOGGING 8.67 cm</b>	<b>SAGGING 9.01 cm</b>		
<b>DISPLACEMENTS</b>	<b>INITIAL</b>	<b>FINAL</b>		
Displacement in salt water	31,574.7 t	72,533.6 t		
First trim correction	-400.0 t	-1.3 t		
Second trim correction	52.9 t	0.0 t		
Displacement corrected for trim	31,227.7 t	72,532.3 t		
Water density	1.01750	1.01700		
Displacement corrected for density	30,999.2 t	71,966.2 t		
Deductibles (fresh water, oils, etc.)	18,546.9 t	1,523.0 t		
Displacement corrected for deductibles	12,452.3 t	70,443.2 t		
Light Ship	11,682.0 t			
Calculated constant	770.3 t			
Anchor + chain	0.0 t	0.0 t		
<b>Total cargo loaded on board as per draught survey</b>		<b>57990.9 t</b>		
Loading terminals: CG, CT, RO, .	TPC	56.1 t/cm	TPC	62.1 t/cm
Cargo: Maize in bulk	MTC +0.5	727.7 t/cm	MTC +0.5	953.4 t/cm
Paranaguá, Br - Brazil. November 29th, 2025	MTC -0.5	690.9 t/cm	MTC -0.5	951.1 t/cm
<b>Total cargo loaded on board as per shore scales</b>				<b>57,899.940 t</b>
<b>Total cargo loaded on board as per draught survey</b>				<b>57,990.928 t</b>
<b>Surplus</b>		<b>90.988 t</b>		<b>0.16 %</b>

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 700 t.

Standard Brazil Marine Surveys & Services Ltda.

José Antonio Machado Gomes Pereira / Beloito Fernandes Alves Junior

Licensed Marine Officer / Marine Surveyor / 375460MM

Master/Ch.Off: 57,900.000 t 0.060 t 0.00 %

Consignees: 58,029.881 t 129.941 t 0.22 %



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