

MV "INDIGO ACE"	INITIAL SURVEY		FINAL SURVEY	
	Inner roads 8.3		Wharf 214	
	23.10.2025 - 09:40 h		26.10.2025 - 10:40 h	
	0.20 m. waves		0.10 m. waves	
IMO NO. 9758387 FLAG: Panamanian BUILD: 2016	Wind force 01		Wind force 02	
DRAUGHT SURVEY CERTIFICATE	Flood tide, 1knot		flood tide, < 1knot	
PGUA/DS/312/25	Weather: Sunny		Weather: Overcast	
DRAUGHT	INITIAL		FINAL	
Forward port	5.0300 m		11.3200 m	
Forward starboard	4.9000 m		11.1800 m	
Forward mean	4.9650 m		11.2500 m	
Stern correction	-0.0947 m		-0.1063 m	
Draught forward (corrected to fore perpendicular)	4.8703 m		11.1437 m	
Midship port	5.6400 m		12.2500 m	
Midship starboard	5.5000 m		12.0000 m	
Midship mean	5.5700 m		12.1250 m	
Midship correction	-0.0036 m		-0.0041 m	
Draught midship (corrected to midship perpendicular)	5.5664 m		12.1209 m	
Aft port	6.4400 m		13.0000 m	
Aft starboard	6.4300 m		12.8000 m	
Aft mean	6.4350 m		12.9000 m	
Stern correction	0.0724 m		0.0813 m	
Draught after (corrected to after perpendicular)	6.5074 m		12.9813 m	
Kell correction	0.0000 m		0.0000 m	
Waterplane coefficient correction for hull deflexion	0.0124 m		-0.0082 m	
Means of means corrected for deflexion:	5.6095 m		12.0981 m	
True trim	BY STERN	1.64 m	BY STERN	1.84 m
Heel (angle & in cm)	P 0.25 °	14.00 cm	P 0.44 °	25.00 cm
Hull deflexion:	HOGGING	12.25 cm	SAGGING	5.84 cm
DISPLACEMENTS	INITIAL		FINAL	
Displacement in salt water	34,351.3 t		77,943.5 t	
First trim correction	-319.2 t		175.6 t	
Second trim correction	10.9 t		17.8 t	
Displacement corrected for trim	34,043.0 t		78,136.9 t	
Water density	1.01900		1.01650	
Displacement corrected for density	33,843.7 t		77,489.0 t	
Deductibles (fresh water, oils, etc.)	20,946.9 t		1,370.9 t	
Displacement corrected for deductibles	12,896.9 t		76,118.1 t	
Light Ship	12,575.0 t			
Calculated constant	344.2 t			
Anchor + chain	22.3 t		0.0 t	
Total cargo loaded on board as per draught survey			63198.9 t	
Loading terminals: CO, .	TPC	64.3 t/cm	TPC	70.1 t/cm
Cargo: Soybean meal pellets in bulk	MTC +0.5	925.2 t/cm	MTC +0.5	1192.5 t/cm
Paranagua, Br - Brazil. October 26th, 2025	MTC -0.5	907.0 t/cm	MTC -0.5	1168.8 t/cm
Total cargo loaded on board as per shore scales			62,958.675 t	
Total cargo loaded on board as per draught survey			63,198.944 t	
Surplus	240.269 t		0.38 %	

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 250 t.

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: 63,219 242 t 260 567 t 0.41 %
Owners P&I: 63,219 242 t 260 567 t 0.41 %
Charterers: 63,209 300 t 250 625 t 0.40 %

