

# MV "Flag Mette"

IMO NO. 9727974 FLAG: Maltese BUILD: 2016

## DRAUGHT SURVEY CERTIFICATE

PGUA/DS/294/25

	INITIAL SURVEY	FINAL SURVEY
	Wharf 213	Wharf 213
	30.09.2025 - 09:40 h	05.10.2025 - 12:10 h
	0,40 m. waves	0,15 m. waves
	Wind force 03	Wind force 01
	No tide flow	Flood tide, 1knot
	Weather: Cloudy	Weather: Sunny

DRAUGHT	INITIAL	FINAL
Forward port	5,1000 m	12,1800 m
Forward starboard	4,9000 m	11,8900 m
Forward mean	5,0000 m	12,0350 m
Stern correction	-0,1667 m	-0,0584 m
Draught forward (corrected to fore perpendicular)	4,8333 m	11,9766 m
Midship port	6,2900 m	12,6000 m
Midship starboard	5,9300 m	12,1700 m
Midship mean	6,1100 m	12,3850 m
Midship correction	-0,0471 m	-0,0283 m
Draught midship (corrected to midship perpendicular)	6,0629 m	12,3567 m
Aft port	7,6200 m	12,8400 m
Aft starboard	7,6200 m	12,4600 m
Aft mean	7,6200 m	12,6500 m
Stern correction	-0,0405 m	0,0171 m
Draught after (corrected to after perpendicular)	7,5795 m	12,6671 m
Kell correction	0,0220 m	0,0220 m
Waterplane coefficient correction for hull deflexion	0,0150 m	-0,0052 m
Means of means corrected for deflexion:	6,1137 m	12,3428 m

True trim	BY STERN 2,75 m	BY STERN 0,69 m
Heel (angle & in cm)	P 001 ° 36,00 cm	P 001 ° 43,00 cm
Hull deflexion:	HOGGING 14,35 cm	SAGGING 3,49 cm

DISPLACEMENTS	INITIAL	FINAL
Displacement in salt water	37.096,4 t	79.728,9 t
First trim correction	-336,6 t	94,1 t
Second trim correction	73,7 t	1,5 t
Displacement corrected for trim	36.833,5 t	79.824,5 t
Water density	1,01900	1,01900
Displacement corrected for density	36.617,9 t	79.357,3 t
Deductibles (fresh water, oils, etc.)	22.000,4 t	2.367,6 t
Displacement corrected for deductibles	14.617,5 t	76.989,7 t
Light Ship	14.011,3 t	
Calculated constant	606,2 t	
Anchor + chain	0,0 t	0,0 t
Total cargo loaded on board as per draught survey		62372,2 t

Loading terminals: IT, RO, SH, .	TPC	64,7 t/cm	TPC	71,2 t/cm
Cargo: Soybean meal in bulk	MTC +0.5	949,9 t*cm	MTC +0.5	1243,6 t*cm
Paranaguá, Brazil. October 5th, 2025	MTC -0.5	905,8 t*cm	MTC -0.5	1229,1 t*cm

Total cargo loaded on board as per shore scales	62.263,355 t
Total cargo loaded on board as per draught survey	62.372,205 t
Surplus	108,850 t 0,17 %

Remarks: 1) Due to huge hull deflexion in hogging on initial 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 280 t.

Standard Brazil Marine Surveys &amp; Services Ltda.

José Antonio Machado Gomes Pereira / Alessandro S. W. Depetris

Licensed Marine Officer / Marine Surveyor / 375460MM

Master/Ch.Off: 62.373,968 t 110,613 t 0,18 %

Customs : 62.534,286 t 270,931 t 0,44 %

Owners P&amp;I: 62.373,968 t 110,613 t 0,18 %



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