	SSUED FOR APPROVAL			MCM TT	
A 02.10.2024 I REV. DATE	SSUED FOR APPROVAL	DESCRIPTION		MCM TT MOD.BY CKD.BY	
	SSUED FOR APPROVAL	REVISIONS			
		REVISIONS SHIP JP88 STO			
	Goltens	REVISIONS SHIP JP88 STO	ORK		
		REVISIONS SHIP JP88 STO	ORK		
REV. DATE	Goltens Singapore Pte Ltd.	REVISIONS SHIP JP88 STO TITLE LIGHT SHIP WEIGHT DRAWING NUMBER	ORK T ESTIMATION HULL NUMBER		APP.B
REV. DATE	Goltens Singapore Pte Ltd.	REVISIONS JP88 STO TITLE LIGHT SHIP WEIGHT	ORK T ESTIMATION	MOD.BY CKD.BY	GC APP.B



LIGHTSHIP WEIGHT ESTIMATE

DRAWING	NO.	FORMAT	A4	DRAWN	SK
SHIP NAME	JP88 STORK	SHEET NO	02/02	CHECKED	TT
DATE	02-10-2024	REV.	Α	APPRD	GC

LIGHT SHIP WEIGHT	2552.26	Tons
1% of LSW	25.5226	Tons

DESCRIPTION	TON	LCG	TCG	VCG	L-M
FILTER	0.098	30.004	-5.958	4.425	2.940
UV ASSEMBLY	0.145	30.915	-5.625	5.140	4.483
BACK FLUSH PUMP	0.027	30.317	-5.997	4.072	0.819
SWITCHBOARD CABINET	0.016	32.008	-6.186	3.515	0.512
CONTROL CABINET	0.035	33.399	-6.186	3.445	1.169
ELECTRONIC BALLAST NO.1	0.010	32.099	-6.031	3.242	0.334
ELECTRONIC BALLAST NO.2	0.010	32.099	-6.031	3.100	0.334
FILTER & BACK FLUSH FOUNDATION	0.060	30.126	-5.964	3.956	1.808
CONTROL CABINET FOUNDATION	0.031	33.375	-6.298	3.449	1.035
Pipe & Support	1.348	30.524	-6.104	3.800	41.146
Platform, Grating	0.190	31.275	-5.839	3.902	5.942
Total Weight	1.971	30.709	-6.035	3.927	60.521

DESCRIPTION	МТ	LCG	L-M
Existing Lightship	2552.26	31.5	80396.19
New Additional Weight	1.971	30.709	60.52117
New Lightship and LCG	2554.23	31.4993896	80456.71
Percentage Change of Lightship	0.07721784	Less tha	an 1%

The change in Lightship weight is Less than 1%

DESCRIPTION	MT	VCG	V-M
Existing Lightship	2552.26	6.385	16296.18
New Additional Weight	1.971	3.927	7.739725
New Lightship and VCG	2554.23	6.3831036	16303.92

n:" :		
Difference in LCG	-0.00061037	m
Length between perpendiculars	63	m
Change In LCG	0.01%	
Change In VCG	0.010%	
Allowable change in LCG	0.315	m

(0.5% of LBP)

The change in LCG is Less than 0.5% of LBP

CONCLUSION:

After BWTS Reftrofit, the change in lightship weight is not exceeding 1.0% and the change in LCG is not exceeding 0.5% of LBP. Hence the most recent approved stability booklet remain valid.