

				CENTER OF GRAVITY					
TANK NAME		FR. NO.	100%	FULL	98% FULL			LCG	VCG
			CUB.M.	BARRELS	CUB.M.	BARRELS	WT. (MT)	(M)	(M)
NO.1 C.O.TK. (C)	С	100~110	29,233	183,872	28,649	180,195	25,583	278.333	17.6
NO.1 C.O.TK. (P)	Р	100~110	15,814	99,467	15,498	97,477	13,839	277.714	18.1
NO.1 C.O.TK. (S)	S	100~110	15,814	99,467	15,498	97,477	13,839	277.714	18.1
NO.2 C.O.TK. (C)	С	90~100	32,453	204, 124	31,804	200,041	28,401	229.35	17.6
NO.2 C.O.TK. (P) SEC. OFF-SPEC	Р	90~95	10,286	64,697	10,080	63,403	9,002	216.55	17.6
NO.2 C.O.TK. (S)	S	90~100	20,573	129,400	20,161	126,812	18,004	229.35	17.6
NO.3 C.O.TK. (C)	С	80~90	32,453	204,120	31,803	200,038	28,400	178.15	17.6
NO.3 C.O.TK. (P)	Р	80~90	20,573	129,400	20,161	126,812	18,004	178.15	17.6
NO.3 C.O.TK. (S)	S	80~90	20,573	129,400	20,161	126,812	18,004	178.15	17.6
NO.4 C.O.TK. (C)	С	70~80	32,453	204,120	31,803	200,038	28,400	126.95	17.6
NO.4 C.O.TK. (P)	Р	70~80	20,573	129,400	20,161	126,812	18,004	126.95	17.6
NO.4 C.O.TK. (S)	S	70~80	20,573	129,400	20,161	126,812	18,004	126.95	17.6
NO.5 C.O.TK. (C)	С	60~70	29,324	184,443	28,738	180,754	25,663	77.814	17.6
NO.5 C.O.TK. (P)	Р	63~70	13170	82,837	12,907	81,180	11,526	84.065	18.6
NO.5 C.O.TK. (S)	S	63~70	13170	82,837	12,907	81,180	11,526	84.065	18.6
SLOP TANK (P)	Р	60~63	5,137	32,309	5,034	31,663	4,495	58.171	20.0
SLOP TANK (S)	S	60~63	5,137	32,309	5,034	31,663	4,495	58.171	20.0
SUB TOTAL			337,307	2,121,601	330,561	2,079,169	295,191	-	-
OFF-SPEC TANK (S.G =1.104)									
PRIM. OFF-SPEC (P)	Р	95~100	10,286	64,697	10,080	63,403	11,129	242.15	17.6
SUB TOTAL	1		10,286	64,697	10.080	63,403		-	_
GRAND TOTAL			347,593	2,186,298		2,142,572		-	-

			CAPA	CITY	CAPA	CITY	CENTER OF GRAVITY		
TANK NAME	SIDE	FR.NO.	100%	FULL	98%	FULL	LCG	VCG	
			CUB. M	WT.(MT)	CUB. M	WT.(MT)	(M)	(M)	
NO.1 M.G.O. BUNKER TK.(P)	Р	54~60	829	705	812	691	48.38	18.22	
NO.1 M.G.O. BUNKER TK.(S)	S	54~60	1643	1,397	1,610	1,369	48.48	21.59	
NO.2 M.G.O. BUNKER TK.(P)	Р	19~54	1961	1,667	1,922	1,634	35.04	24.14	
G.T.G. M.G.O. SETT. TK. (P)	Р	54~57	131	111	128	109	47.18	24.04	
G.T.G. M.G.O. SERV. TK. (P)	Р	54~60	598	508	586	498	48.73	26.66	
AUX. M.G.O. SERV. TK. (P)	Р	50~54	130	111	127	108	44.20	24.01	
AUX M.G.O. SETT. TK. (P)	P	46~50	130	111	127	108	40.80	24.01	
M.G.O. OVERFLOW. TK.	С	46~49	101	86	99	84	40.38	1.71	
SUB TOTAL	5.523	4.695	5.413	4.601	_	_			

WATER BALLAST TANKS (S.G. = 1.025)							
			CAPA	.CITY	CENTER OF GRAVITY		
TANK NAME	SIDE	FR.NO.	100%	FULL	LCG	VCG	
			CUB. M	WT.(MT)	(M)	(M)	
NO.1 W.B.TK. (S)	S	100~110	8,731	8,949	279.45	11.12	
NO.1 W.B.TK. (P)	Р	100~110	8,731	8,949	279.45	11.12	
NO.2 W.B.TK. (S)	S	90~100	9,878	10,125	229.18	9.55	
NO.2 FWD W.B.TK. (P)	P	95~100	4,894	5,016	242.03	9.62	
NO.2 AFT W.B.TK. (P)	P	90~95	4,981	5,106	216.54	9.49	
NO.3 W.B.TK. (S)	S	80~90	9,965	10,214	178.15	9.49	
NO.3 W.B.TK. (P)	P	80~90	9,965	10,214	178.15	9.49	
NO.4 W.B.TK. (S)	S	70~80	9,707	9,950	127.38	9.68	
NO.4 FWD W.B.TK. (P)	Р	75~80	4,970	5,094	139.77	9.51	
NO.4 AFT W.B.TK. (P)	P	70~75	4,736	4,854	114.36	9.86	
NO.5 W.B.TK. (S)	S	60~70	8,088	8,290	77.22	11.10	
NO.5 W.B.TK. (P)	P	60~70	8,088	8,290	77.22	11.10	
A. P. W.B.TK. (A)	С	A.E~6	907	929	0.62	20.70	
SUB TOTAL			93,641	95,982	-	-	

VOID TANKS (S.G. = 1.025)							
			CAPA	ACITY	CENTER OF GRAVITY		
TANK NAME	SIDE	FR.NO.	100%	FULL	LCG	VCG	
			CUB. M	WT.(MT)	(M)	(M)	
FORE PEAK VOID (C)	С	110~133	7665	7,857	312.23	13.92	
VOID (M/E L. O. SUMP TK.)	С	25~41	47	48	27.18	2.78	
VOID (S.T.C.W.TK.)	Р	7~15	61	63	11.11	5.79	
VOID (S.T. L. O. SUMP TK.)	Р	21~22	2	2	18.27	2.64	
VOID (NO.1 M/E CYL. O. STOR. TK.(P))	Р	39~46	49	50	36.13	22.78	
VOID (NO.2 M/E CYL. O. STOR. TK.(P))	Р	39~46	49	50	36.13	22.78	
VOID (M/E SYS. O. STOR. TK. (P))	P	39~46	49	50	36.13	22.78	
VOID (M/E SYS. O. SETT. TK.(P))	Р	39~46	49	50	36.13	22.78	
VOID (M.G.O. STORAGE. TK. (P))	P	25~49	186	191	33.87	2.02	
VOID (M.G.O. STORAGE. TK. (S))	S	25~49	190	195	34.40	2.01	
E/R VOID (P)	Р	19~60	1,453	1,489	38.67	20.73	
SUB TOTAL			9,801	10,046	-	-	

FRESH WATER (S.G. = 1.0)							
			CAPA	CITY	CENTER OF GRAVITY		
TANK NAME	SIDE	FR.NO.	100%	FULL	LCG	VCG	
			CUB. M	WT.(MT)	(M)	(M)	
E/R F.W.TK. (S)	S	19~54	1,073	1,073	35.09	21.50	
A. P. F.W.TK. (F)	С	6~15	1,204	1,234	9.06	19.81	
FRESH W.TK.(P)	Р	6~15	298	298	9.15	25.55	
DISTILLED W.TK.(S)	S	6~11	153	153	7.30	25.56	
FRESH W.TK.(S)	S	11~15	145	145	11.09	25.54	
SUB TOT	AL		2,873	2,903	-	-	

MISCELLANEOUS TANKS									
			CAPA	CITY	CENTER OF GRAVITY				
TANK NAME	SIDE	FR.NO.	100%	FULL	LCG	VCG			
			CUB. M	WT.(MT)	(M)	(M)			
BILGE HOLD. TK.	С	15~22	66	59	16.13	2.11			
WASTE OIL TK.	С	22~24	31	28	19.57	1.97			
SLUDGE TK.	Р	40~52	23	23	39.1	13.41			
SUB TOTA	۸L		120	110	1	-			
-									

LEGEND
M.G.O MARINE GAS OIL
G.T.G GAS TURBINE GENERATOR
M/E L. O. SUMP TK MAIN ENGINE LUBE OIL SUMP TANK
S.T.C.W.TK STERN TUBE COOLING WATER TANK
S.T L. O. SUMP TK STERN TUBE LUBE OIL SUMP TANK
LCG : LONGITUDINAL CENTER OF GRAVITY FROM A.P.
VCG: VERTICAL CENTER OF GRAVITY FROM BASE LINE,

PRINCIPAL PARTIC	ULARS
LENGTH O.A.	334,75 M
LENGTH B.P.	320.00 M
BREADTH (MLD)	58.00 M
DEPTH (MLD)	31.00 M
DESIGN DRAFT (MLD)	20,80 M
SCANT, DRAFT (MLD)	22.15 M

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WITH	OUT WRITT	EN CONSENT FROM	MODEC	INTERN	IATIONA	L LLC.	-		FPSO Tartaruga Verde & Tartaruga Mestiça MV29
			2011	W.	W	1	JASON SONG	DESIGNED BY: JASON SONG	TANK CARACITY DI ANI
0	08APR15	IFC	Syl	AS	HUJ		ME: 06 JAN 2015	sous: 1:500	TANK CAPACITY PLAN
C	13MAR15	IFD	SW	AS	HJ	SG	06 JAN 2015	1:500	
B1	06JAN15	IFA	SW	AS	HJ		MODEC CAD FILE:		MODE: DOCUMENT HAMBER:
REV	DATE	REVISION DESCRIPTION	DRIG	CHKD	LDE	EM	0428-MI20-10DL-0100-r0.dwg		0428-MI20-10DL-0100 0