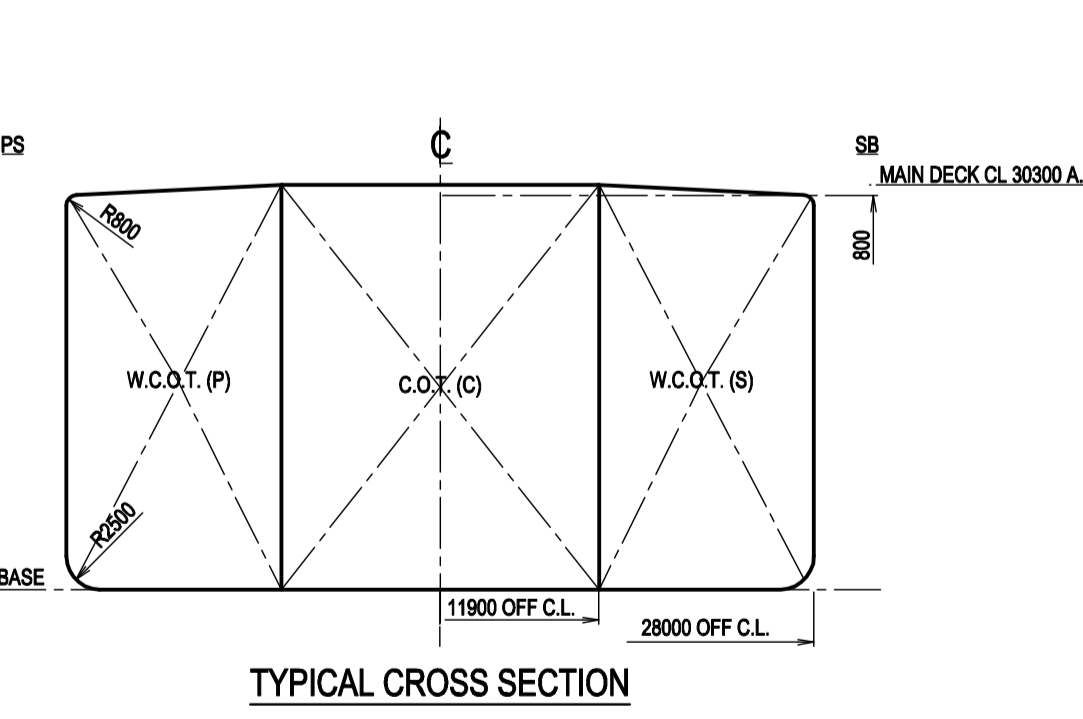
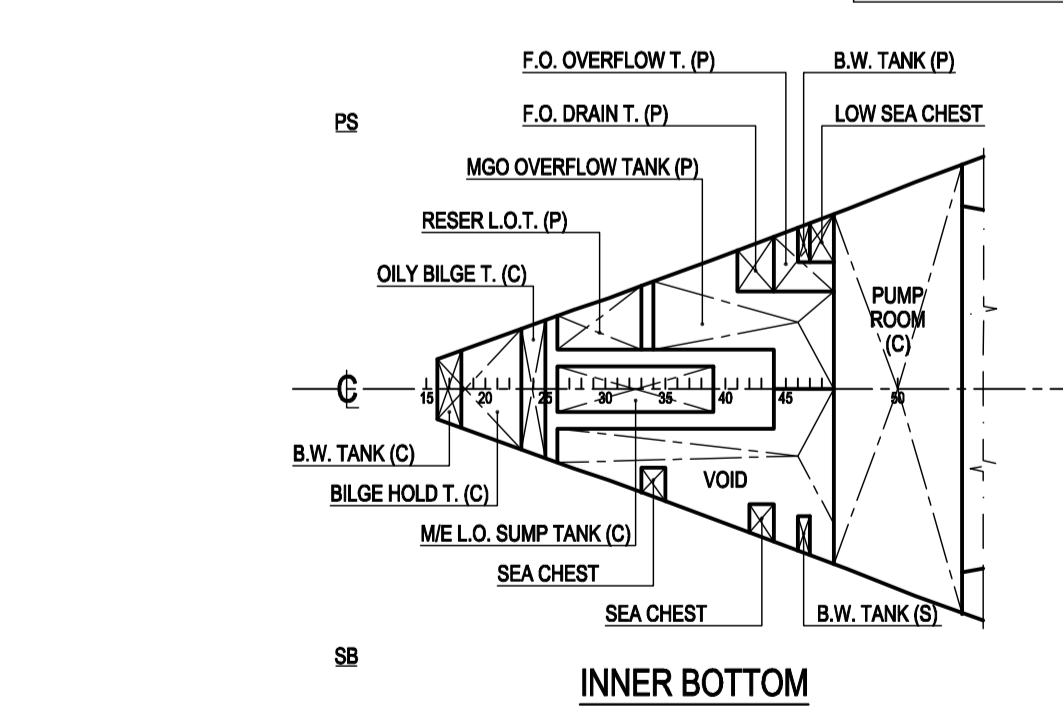
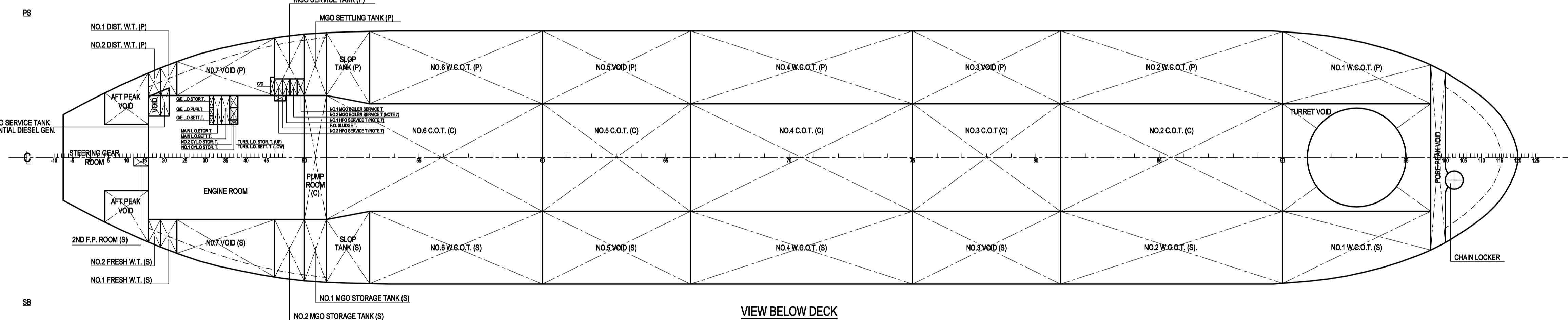
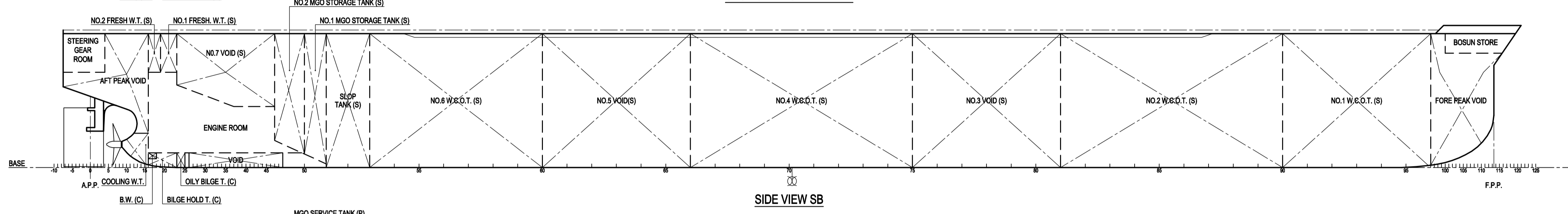
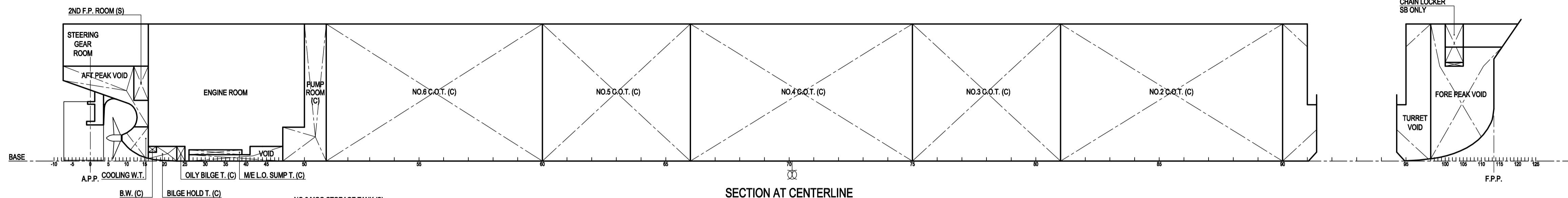
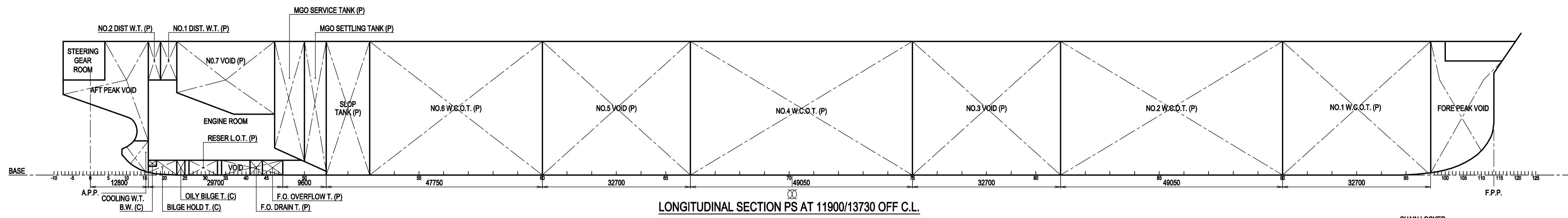


Status	Rev	Description	Author	Checker	Discipline Engineer	Group Leader	Date
P	1	FIRST ISSUE	GB	SOO	EA	PMR	AUG.2010



- NOTES**
- LONGITUDINAL CENTER OF GRAVITY (L.C.G.) IS RELATIVE TO FRAME 0.
  - TRANSVERSE CENTER OF GRAVITY (T.C.G.) IS RELATIVE TO CENTERLINE. PORTSIDE (PS) IS POSITIVE.
  - VERTICAL CENTRE OF GRAVITY (V.C.G.) IS RELATIVE TO BASELINE.
  - TANK FILLINGS OF SOME CARGO WING TANKS WILL BE LIMITED TO COMPLY WITH MARPOL REGULATIONS.
  - FINAL TANK CAPACITIES OF TANKS FOR STORAGE OF CONSUMABLES WILL BE PROVIDED IN EXECUTION PHASE OF THIS PROJECT.
  - EXISTING TANKS WHICH WILL NOT BE USED AFTER CONVERSION ARE ASSUMED VOID.
  - HFO SETTLING TANK, HFO SERVICE TANKS NO. 1 & 2 TO BE DECOMMISSIONED AFTER TRANSIT TO SITE.

- REFERENCE DOCUMENTS:**
- SB81989-DNF01001 FPSO GENERAL ARRANGEMENT PLAN

**MAIN DIMENSIONS**

LENGTH OVERALL : 332.00 m  
 LENGTH PERPENDICULAR : 310.00 m  
 BREADTH MOULDED : 56.00 m  
 DEPTH MOULDED : 28.50 m  
 DESIGN DRAUGHT : 19.80 m

**CRUDE OIL TANKS SPECIFIC DENSITY 0.949 t/m<sup>3</sup>**

DESCRIPTION	VOLUME 100%	VOLUME 100%	WEIGHT 100%	LCG Fwd of AP	TCG PS:+	VCG Above BL
	m <sup>3</sup>	m <sup>3</sup>	t	m	m	m
NO2 COT (C)	35138	221011	33346	238.82	0.00	15.15
NO3 PWT (C)	23421	147311	22226	197.95	0.00	15.15
NO4 COT (C)	35083	220664	33293	157.08	0.00	15.15
NO5 COT (C)	23491	147311	22226	118.20	0.00	15.15
NO6 COT (C)	34694	218221	32925	75.87	0.00	15.16
NO1 WCOT (P)	10483	65934	9948	277.32	17.71	16.16
NO1 WCOT (S)	10483	65934	9948	277.32	-17.71	16.16
NO2 WCOT (P)	23125	145454	21946	238.49	19.76	15.09
NO2 WCOT (S)	23125	145454	21946	238.49	-19.76	15.09
NO4 WCOT (P)	23493	147203	22210	157.08	19.89	14.99
NO4 WCOT (S)	23494	147204	22210	157.08	-19.89	14.99
NO6 WCOT (P)	16955	106846	16090	81.39	19.51	15.78
NO6 WCOT (S)	16955	106846	16091	81.39	-19.51	15.78
NO8 WCOT (S)	299690	1884990	284405	169.65	0.00	15.26

**F.O. TANKS SPECIFIC DENSITY 0.96 t/m<sup>3</sup>**

DESCRIPTION	VOLUME 100%	VOLUME 100%	WEIGHT 100%	LCG Fwd of AP	TCG PS:+	VCG Above BL
	m <sup>3</sup>	m <sup>3</sup>	t	m	m	m
F.O. DRAIN T (P)	11	67	10	36.78	8.35	2.43
F.O. OVERFLOW T (P)	23	147	22	40.48	8.88	2.25
F.O. SLUDGE T	5	30	5	41.90	13.13	8.39
NO1 HFO SERVICE T	49	272	42	43.30	15.56	17.22
NO2 HFO SERVICE T	49	306	47	41.60	15.56	17.22

**MGO TANKS SPECIFIC DENSITY 0.85 t/m<sup>3</sup>**

DESCRIPTION	VOLUME 100%	VOLUME 100%	WEIGHT 100%	LCG Fwd of AP	TCG PS:+	VCG Above BL
	m <sup>3</sup>	m <sup>3</sup>	t	m	m	m
NO.1 MGO STORAGE TANK (S)	1184	7447	1006	49.75	-19.25	19.66
NO.2 MGO STORAGE TANK (S)	1353	8510	1150	44.13	-19.06	21.06
MGO SETTLING TANK (P)	1184	7447	1006	49.75	19.25	19.66
MGO SERVICE TANK (P)	1176	7398	1000	44.15	19.59	21.63
MGO OVERFLOW TANK (P)	215	1351	183	36.83	5.00	1.76
NO.1 MGO BOILER SERVICE T	43	272	37	46.59	15.56	17.22
NO.2 MGO BOILER SERVICE T	43	272	37	44.90	15.56	17.22
ESSENTIAL DIESEL GEN.	24	153	21	16.44	11.17	18.66

**SLOP TANKS SPECIFIC DENSITY 1.025 t/m<sup>3</sup>**

DESCRIPTION	VOLUME 100%	VOLUME 100%	WEIGHT 100%	LCG Fwd of AP	TCG PS:+	VCG Above BL
	m <sup>3</sup>	m <sup>3</sup>	t	m	m	m
SLOP TANK (P)	3090	19436	3167	57.18	-19.06	18.03
SLOP TANK (S)	3090	19436	3167	57.18	-19.06	18.03
	6180	38873	6335	57.18	0.00	18.03

**COOLING WT TANK SPECIFIC DENSITY 1.077 t/m<sup>3</sup>**

DESCRIPTION	VOLUME 100%	VOLUME 100%	WEIGHT 100%	LCG Fwd of AP	TCG PS:+	VCG Above BL
	m <sup>3</sup>	m <sup>3</sup>	t	m	m	m
COOLING WT	76	480	82	11.06	0.00	4.98
	76	480	82	11.06	0.00	4.98

**DIST. & FRESH WATER TANKS SPECIFIC DENSITY 1.00 t/m<sup>3</sup>**

DESCRIPTION	VOLUME 100%	VOLUME 100%	WEIGHT 100%	LCG Fwd of AP	TCG PS:+	VCG Above BL
	m <sup>3</sup>	m <sup>3</sup>	t	m	m	m
NO2 DIST WT (P)	122	709	122	14.20	16.41	25.91
NO2 FRESH WT (S)	122	709	122	14.20	-16.41	25.91
NO1 DIST WT (P)	200	1256	200	17.36	16.97	25.80
NO1 FRESH WT (S)	200	1256	200	17.36	-16.97	25.80
	644	4050	644	16.16	0.00	25.84

**BLGE TANKS SPECIFIC DENSITY 1.00 t/m<sup>3</sup>**

DESCRIPTION	VOLUME 100%	VOLUME 100%	WEIGHT 100%	LCG Fwd of AP	TCG PS:+	VCG Above BL
	m <sup>3</sup>	m <sup>3</sup>	t	m	m	m
BLGE HOLD T (C)	82	517	82	16.31	0.00	2.09
OILY BLGE T (C)	38	237	38	20.03	0.00	1.98
	144	906	140	17.48	0.00	2.06

**MISCELLANEOUS TANKS SPECIFIC DENSITY 0.96 t/m<sup>3</sup>**

DESCRIPTION	VOLUME 100%	VOLUME 100%	WEIGHT 100%	LCG Fwd of AP	TCG PS:+	VCG Above BL
	m <sup>3</sup>	m <sup>3</sup>	t	m	m	m
GIE PURILO TK	3	17	3	26.75	10.07	21.83
GIE LO STOR TK	4	25	4	26.75	12.36	21.83
M/E LO SUMP T (C)	45	284	45	27.52	0.00	1.94
GIE LO SETT TK	3	17	3	26.75	8.24	21.83
MAIN LO STOR TK	57	359	57	28.10	10.53	23.49
MAIN LO STOR TK	57	359	57	28.10	10.53	23.49
TURB LO STOR TK UP	5	34	5	31.70	7.78	24.33
NO1 CYL LO STOR TK	24	154	24	31.70	12.36	23.49
NO2 CYL LO STOR TK	24	154	24	31.70	9.62	23.49
TURB LO SETT TK LOW	3	17	3	31.70	7.78	21.83
RESER LOT (P)	35	219	35	25.86	4.08	2.28
	260	1636	260	28.79	7.84	16.89

SEE DWG ASS'Y: Xxxxxx - XXXXXXXX TOTAL WEIGHT: N/A

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E.P.M. NAME: P. MARXLOT DATE: DATE

**SBM** SINGLE BUOY MOORINGS INC  
 MARLY - SWITZERLAND  
 ENGINEERING OFFICES MONACO P.O. BOX 199

VESSEL TANK CAPACITY PLAN

SCALE: 1:400 DRAWING Size: AO  
 DRAWING Number: SB 81989 DNV01002