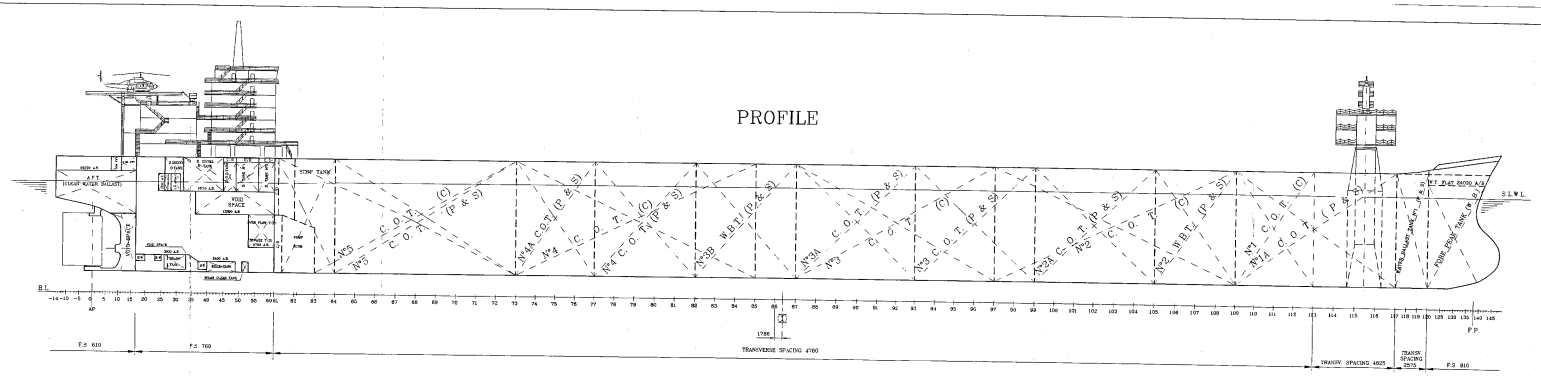
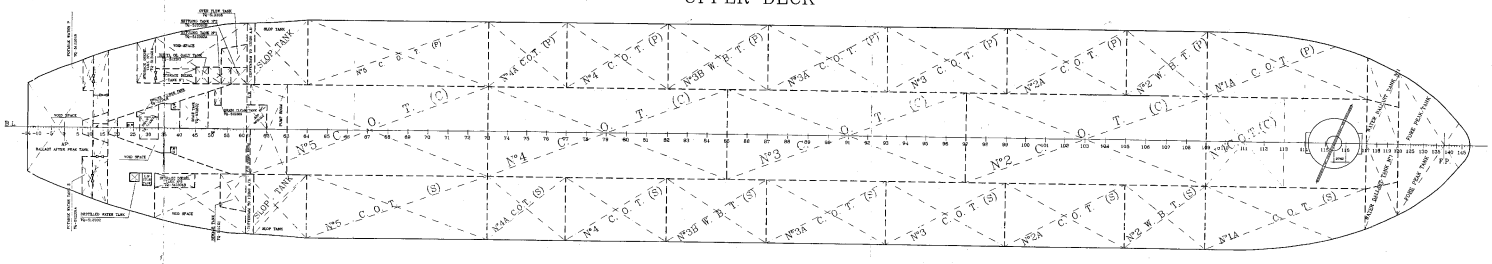
PROFILE



UPPER DECK



DIESEL OIL AND LUBRICATING OIL TANK CAPACITY

ITEM	BETWEEN FRAMES	M³	TONS 95% (t=1.000)	TONS 100% (t=0.934)	KG (m)	KG (m)
STORAGE DIESEL OIL TANK Nº1	35 - 45	568.39	517.47	527.73	-141.467	23.779
STORAGE DIESEL OIL TANK Nº2	37 - 45	393.61	257.95	263.24	-137.892	23.079
DIESEL OIL DAILY TANK	45 - 49	91.03	80.01	81.64	-131.852	22.018
SETTLING TANK Nº1	49 - 56	155.30	140.52	143.36	-127.642	22.810
SETTLING TANK Nº2	56 - 61	110.05	100.05	102.05	-124.966	24.040
EMERGENCY GENERATOR TANK	18 - 20	7.55	6.65	6.78	-184.566	31.908
INERT GAS DAILY SERVICE TANK P/S	33 - 36	13.50	11.87	12.11	-162.548	29.764
	TOTAL	1087.91	1113.65	1136.36		
L.O. STORAGE TANK - 1	28 - 31	30.91	28.61	27.19	-144.877	21.000

FRESH WATER TANK CAPACITY

ITEM	BETWEEN FRAMES	M³	TONS 98%	TONS 100%(D=1.0t/M³)	KG (m)	KG (m)
POTABLE WATER TANK P	20 - 17	346.61	–	346.61	-156.693	23.459
POTABLE WATER TANK S	20 - 17	343.87	–	343.87	-156.775	23.457
	TOTAL	690.58	–	690.58		
DISTILLED WATER TANK	74 - 67	63.39	–	63.39	-147.707	21.000

MISCELLANEOUS TANK

ITEM	BETWEEN FRAMES	M³	98%	TONS 100%(D=1.0t/M³)	KG (m)	KG (m)
BILGE WELL - 3	17 - 20	12.08	–	12.08	-152.994	3.471
SEWAGE TANK	53 - 61	260.03	–	260.03	-123.517	10.083
OVER FLOW TANK	53 - 61	260.03	–	260.03	-123.517	10.083
BILGE TANK	40 - 49	95.63	–	95.63	-133.148	1.355
SLUDGE TANK	26 - 33	20.05	–	20.05	-144.256	2.862
DRAIN TANK	27 - 33	60.43	–	60.43	-144.540	2.742
DRAIN CLEAN TANK	51 - 53	6.78	–	6.78	-127.595	1.668

CARGO OIL TANK CAPACITY

ITEM	BETWEEN FRAMES	M³	TONS 98% (t=0.934)	TONS 100%(D=0.934t/M³)	KG (m)	KG (m)
Nº1 CENTER TANK	109-113	11559.78	10800.30	10994.75	117.018	13.775
Nº2 CENTER TANK	97-109	33657.93	29820.41	30438.78	79.138	13.775
Nº3 CENTER TANK	85-97	33657.93	29820.41	30438.78	52.208	13.775
Nº4 CENTER TANK	73-85	33657.93	29820.41	30438.78	-25.168	13.775
Nº5 CENTER TANK	61-73	30561.76	27077.62	27629.64	-69.762	14.245
TOTAL CENTRAL		143035.35	126559.76	129149.79		
Nº1A WING TANK (P)	109-117	12427.47	11010.35	11235.00	124.797	14.374
Nº1A WING TANK (S)	109-117	12427.47	11010.35	11235.00	124.797	14.374
Nº2A WING TANK (P)	99-105	11555.05	10237.55	10446.48	74.377	13.558
Nº2A WING TANK (S)	99-105	11555.05	10237.55	10446.48	74.377	13.558
Nº3 WING TANK (P)	93-99	11555.78	10238.20	10447.15	45.818	13.558
Nº3 WING TANK (S)	93-99	11555.78	10238.20	10447.15	45.818	13.558
Nº3A WING TANK (P)	87-93	11555.78	10238.20	10447.15	17.258	13.558

CARGO OIL TANK CAPACITY

ITEM	BETWEEN FRAMES	M³	TONS 95% (t=0.934)	TONS 100%(D=0.934t/M³)	KG (m)	KG (m)
Nº3A WING TANK (S)	87-93	11555.78	10238.20	10447.15	17.258	13.558
Nº4 WING TANK (P)	77-82	9629.82	8531.84	8705.96	-32.722	13.568
Nº4 WING TANK (S)	77-82	9629.82	8531.84	8705.96	-32.722	13.568
Nº4A WING TANK (P)	73-77	7682.35	6806.42	6945.33	-54.131	13.580
Nº4A WING TANK (S)	73-77	7682.35	6806.42	6945.33	-54.131	13.580
Nº5 WING TANK (P)	64-73	15974.24	14152.74	14441.56	-84.238	14.376
Nº5 WING TANK (S)	64-73	15974.24	14152.74	14441.49	-84.238	14.376
	TOTAL LATERAL	169760.96	142432.90	145387.13		
SLOP TANK (P)	61-64	3729.62	3304.33	3371.77	-113.057	16.675
SLOP TANK (S)	61-64	3729.58	3304.29	3371.73	-113.058	16.675
	TOTAL SLOP	7459.20	6608.62	6743.50		
TOTAL GENERAL		319853.54	275597.27	281201.42		

WATER BALLAST TANK CAPACITY

ITEM	BETWEEN FRAMES	M³	TONS 95%	TONS 100%(D=1.025t/M³)	KG (m)	KG (m)
FORE PEAK TANK (C)	120-FE	4374.11	–	4483.63	158.808	11.693
WATER BALLAST TANK Nº1 (P)	117-120	2919.01	–	2992.12	149.556	14.281
WATER BALLAST TANK Nº1 (S)	117-120	2919.01	–	2992.12	149.556	14.281
Nº 2 W B T (P)	105-109	7950.52	–	7952.55	98.156	13.626
Nº 2 W B T (S)	105-109	7950.52	–	7952.55	98.156	13.626
Nº3B W B T (P)	82-87	9629.82	–	9871.34	-8.922	13.556
Nº3B W B T (S)	82-87	9629.82	–	9871.34	-8.922	13.556
APT. PEAK TANK	AE-17	3269.36	–	3328.41	-161.677	19.013
TOTAL		47082.57	–	48241.86		

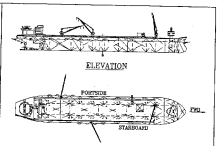
VOID SPACE

ITEM	BETWEEN FRAMES	M³	95%	TONS 100%	KG (m)	KG (m)
CONT TURRET	113 - 117	9051.96	–	–	135.742	13.780
ENGINE VOID - P	33 - 61	6137.10	–	–	-130.052	20.876
ENGINE VOID - S	32 - 61	5489.90	–	–	-129.562	21.118
STERN TUBE TANK	10 - 17	109.50	–	–	-153.687	2.693

PRINCIPAL DIMENSIONS

LENGTH OVER ALL	344.424 M
LENGTH BETWEEN PERPENDICULARS	329.184 M
BREADTH MOULDED	51.816 M
DEPTH MOULDED	26.518 M
MAXIMUM SUMMERLOADED DRAFT	20.6 M (*)
MINIMUM DRAFT	6.0 M

(*) HOLDING CALCULOS



REFERENCE DOCUMENTS

GENERAL NOTES

REV.	DESCRIPTION	DATE	DSN.	VERIF.	APPROV.	AUTHOR.
3	FOR ADP-P47 Nº168	09/12/98	M.C.F.	I.T.		JRP
2	FOR ADP-P47 Nº165	25/09/98	M.C.F.	I.T.		JRP
0	FOR BALLAST	16-09-98	M.A.G.	I.T.		ITE

Astilleros Españoles CADIZ

PETROLEO BRASILEIRO S.A. PETROBRAS

PROJECT TITLE: RONCADOR FIELD DEVELOPMENT

UNIT: PETROBRAS 47

TITLE: (CAPACITY PLAN)

DATE	APPROVED BY	DRAWN BY	VERIF.	APPROVED
16-09-98	I.T.	M.C.F.	I.T.	

SCALE: 1/400

DWG PB No. DE-3010.56-1200-960-AKS-010 REV. B

DWG AESA No. EW-231121-3-010

SHEET 1 OF 1