

Forte São Marcos / Forte Copacabana

LPG 7,200 cbm

DISPONENT OWNER: Empresa de Navegação Elcano, S.A. **MANAGING:** Empresa de Navegação Elcano, S.A.

	FORTE SÃO MARCOS	C. COPACABANA
BUILT IN	Estaleiro Itajaí S.A. Brazil 2003	Estaleiro Itajaí S.A. Brazil 2004
FLAG	Brazilian	Brazilian
IMO NUMBER	9268679	9268681
CALL SIGN	PPPB	PPPV
INMARSAT C	471000069	471000085
FLEET	Tel: 764885933 Fax: 764885934	Tel: 764881368 Fax: 764881369
CLASSIFICATION	Bureau Veritas I 3/3 Liquefied Gas Carrier, Deep Sea + Mach + Aut.Ms + Cnc-1	

MAIN PARTICULARS

Length overall:	123.98 m	123.98 m
Breadth:	17.60 m	17.60 m
Depth:	9.80 m	9.80 m
Deadweight / Draft:	8,934.50 t / 8.00 m	8,834 t / 8.00 m
Light ship:	4,350.88 t	4,268.76 t
Cargo pumps:	3 x 250 m ³ /h - HAMWORTHY DEEP WELL PUMP	
IGS:	N ₂ Generator 625 m ³ /h at 98% Purity Copacabana: N ₂ Generator 730 m ³ /h TGE - PSA Pressure Swing Adsorption	
Coating:	Ballast Tanks COPACABANA : cargo tanks / ballast tanks COPACABANA: YES - N ₂ Generator 730 m ³ /h TGE - PSA Pressure Swing Adsorption COPACABANA: TGE Tractabel Gas Engineering GmbH - PSA	
Venting system:	PSA N2 Plant / Vent Post (GasTanker) VECS	
Nº of segregations:	2	
Cranes:	2 x 1.0 t; 1 x 2.3 t; 1 x 2.5 t	
Type of Main Engine:	MAK 8 M 32	
Power at M.C.R.:	3,840 KW at 600 RPM	

TONNAGE

	Gross	Net
International:	6,940 Tons	2,082 Tons

CAPACITIES (100%)

Ballast tanks	4,424.4 m ³
F.O.	562 m ³
D.O.	85 m ³
Freshwater	126.6 m ³



EMPRESA DE NAVEGAÇÃO ELCANO, S.A.

OTHER DIMENSIONS

	Forte de Sao Marcos	Forte de Copacabana
Distance from bow to center of manifold:	66.00 m	66.00 m
Distance from stern to center of manifold:	56.00 m	56.00 m
Distance from manifold to ship rail:	2.70 mm	2.40 mm
Height of manifolds above deck:	3.00 mm	3.20 mm
Distance between manifold:	1.30 mm	4.00 mm
Distance from manifold to waterline:		
- Light ballast	8.80 m	8.00 m
- Full ballast	4.80 m	5.40 m

BALLAST WATER CAPACITY (m³)

TANKS N°	P	C	S
Wing Ballast Tank 1	142.80	514.10	142.80
Wing Ballast Tank Double Bottom Tk 1	-	516.91	-
Wing Ballast Tank 2	197.00	189.49	197.00
Wing Ballast Tank Double Bottom Tk 2	80.60	278.98	80.60
Wing Ballast Tank 3	258.60	-	258.60
Wing Ballast Tank 4	278.70	-	278.70
Wing Ballast Tank 5	298.80	-	298.70
Wing Ballast Tank 6	395.80	-	395.80
Wing Ballast Tank 7	400.40	-	400.40

CARGO TKS CAPACITIES: 7,200 m³ about (100%)

	Forte de Sao Marco	Forte de Copacabana
Tank 1	2,400 m ³	2,401.3 m ³
Tank 2	2,400 m ³	2,401.3 m ³
Tank 3	2,400 m ³	2,401.3 m ³

SPEED / CONSUMPTION

	Speed (kn)	Consumtion (mt/d) DO	Consumtion (mt/d) FO
BALLAST	13.0	-	11.00
LADEN	13.0	-	12.00
PORT (Idle)	-	3.00	-
PORT (discharge)	-	3.00	-

LOADING SCALE

	METERS	FEET	DWT (mt)	TPC (mt)
Forte de Sao Marcos	7.986	26.20	8,934.50	19.47
Forte de Copacabana	8.00	26.20	8834.00	19.39

Notice: Particulars are believed to be correct but not guaranteed and should not be considered as charter-party description.

