



PENMEN

FNNW built in 1974
OWNER: S.F.T.M. - S.N.C.O.

LAURENTINE

FNNV built in 1974
OWNER: U.I.M.

French flag.
Self trimming Bulkcarrier.
Built in Sevilla by Astilleros Espanoles.
Bureau Veritas 1 3/3E. Bulkcarrier alternate holds.
Ice III AUT. - Holds n° 2 - 4 - 6 may be empty.
Vessel seaway fitted.

Principal particulars:

Length over all:	182,85 m - 599'10"	Breadth:	22,40 m - 73'6"
Length BPP:	171,60 m - 563'	Depth:	14,20 m - 46'7"
Gross tonnage:	15.499 T	SUEZ tonnage:	13.154 NRT
Net tonnage:	10.861 T	PANAMA tonnage:	12.205 NRT
		St LAWRENCE tonnage:	15.205 GRT

Marks

Summer
Winter

Drafts

10,543 m
10,323 m

Deadweights

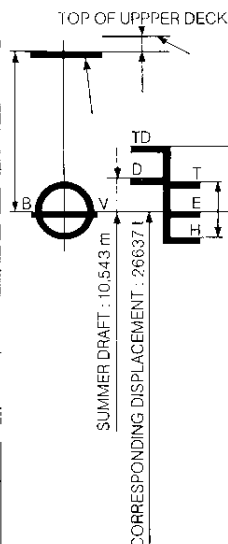
26.637 MT/26.217 LT
25.877 MT/25.469 LT

Machinery: SULZER AESA 7 RND 68 FP propeller
Bow thruster: 800 HP controllable pitch propeller
Speed: 15 Kn on 34 T at 9000 HP.
Gear: 4 cranes of 15 T with grabs

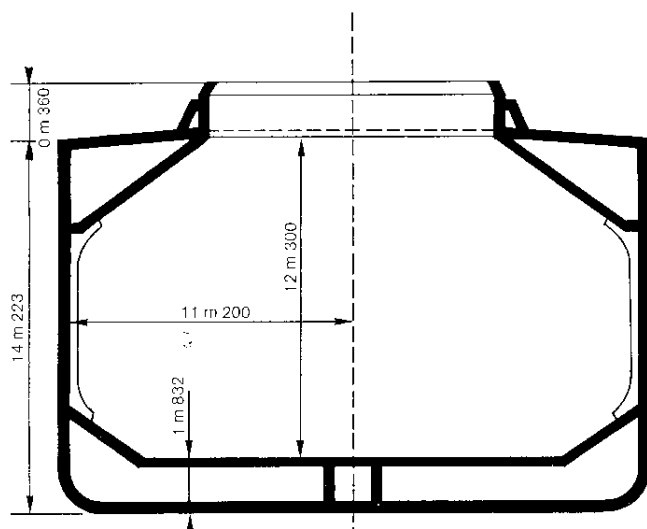
Capacities:

Fuel: 1.370 m ³ - 1.274 T	Fresh water: 205 T
Do: 207 m ³ - 173 T	Salt water total ballast: 10.916 m ³
Oil: 75 m ³ - 66 T	including hold n° 4: 3.284 m ³

Height of hatchcoaming above water line with about 10 days consumption on board	HOLD N° 1 (m)	HOLD N° 7 (m)
On SUMMER marks	5,88	5,44
With full ballast salt water including hold n° 4 Fore draft 4,93 Aft draft 6,65	11,29	9,69
With light ballast salt water Fore draft 4,20 Aft draft 5,85	12,03	10,48



HOLDS	LENGTH AT MID HEIGHT OF HOLD (m)	WIDTH (Bale) (m)	CUBIC		HATCH SIZES
			m³	Cubic feet	
1	17,80	—	3.983	140.667	11,40 x 10,27
2	18,85	21,70	4.809	169.819	11,40 x 12
3	19,20	21,70	5.331	188.268	11,40 x 13,60
4	12,80	21,20	3.400	120.060	11,40 x 8
5	19,20	21,70	5.132	181.226	11,40 x 13,60
6	21,60	21,70	5.752	203.107	11,40 x 14,40
7	16,80	—	4.253	150.198	11,40 x 8,80
			32.660	1.153.345	total cubic
			3.217	113.644	Bleeding WT



HOLDS SECTIONS 2 TO 6

DEADWEIGHT SCALE					
DISPLACEMENT	TPC	SALT	DRAFTS		DEADWEIGHTS
			METRES	FEET	
34 000				35	27 000
33 000				34	26 000
32 000			10	33	25 000
31 000				32	24 000
30 000				31	23 000
29 000				30	22 000
28 000			9	29	21 000
27 000				28	20 000
26 000				27	19 000
25 000			8	26	18 000
24 000				25	17 000
23 000				24	16 000
22 000				23	15 000
21 000			7	22	14 000
20 000				21	13 000
19 000				20	12 000
18 000			6	19	11 000
17 000				18	10 000
16 000				17	9 000
15 000				16	8 000
14 000			5	15	7 000
13 000				14	6 000
12 000				13	5 000
11 000			4	12	4 000
10 000				11	3 000
9 000				10	2 000
8 000			3	9	1 000
7 000				8	0

LIGHT SHIP : 6803 t

ORE LOADING HOLDS N° 1-3-5-7

