

Self Propelled Suction Dredging/Crane Work Vessel



**PORT /**

**PIRAEUS GREECE /**

**Built / Rebuilt:**

Ancona "Coop. Metallurgica G.Tommasi" Rebuilt /  
Perama 2003

**Power:**

2x 515 BHP

**Engines:**

Deutz SBF 12M 716 LLK 1030BHP at 1500rpm

**Classification:**

Hellenic Merchant Marine Ministry Inspection

Service No. GRC100002919

Mediterranean Deep Sea- International coastal  
trade A1+A2

**Hull:**

Welded steel

**Length o.a:**

35.05 m

**Breadth o.a:**

8.29 m

**Moulded depth:**

3.10 m

**Bollard pull:**

11 Tons

**Full loaded draft:**

2.40 m

**Max/ Cruise speed:**

11 / 9 Knots

**Cruising range:**

2.110 miles

**Gasoil capacity:**

75 Tons

**Fresh water capacity:**

38 Tons

**Gross tonnage:**

281 Tons

**Net tonnage:**

84 Tons

**Propulsion:**

By two fixed propellers "Zeise" in fixed nozzle "  
Kort" Type

**Towing hook:**

"Seebeck" 15 tons

**Salvage air compressor:**

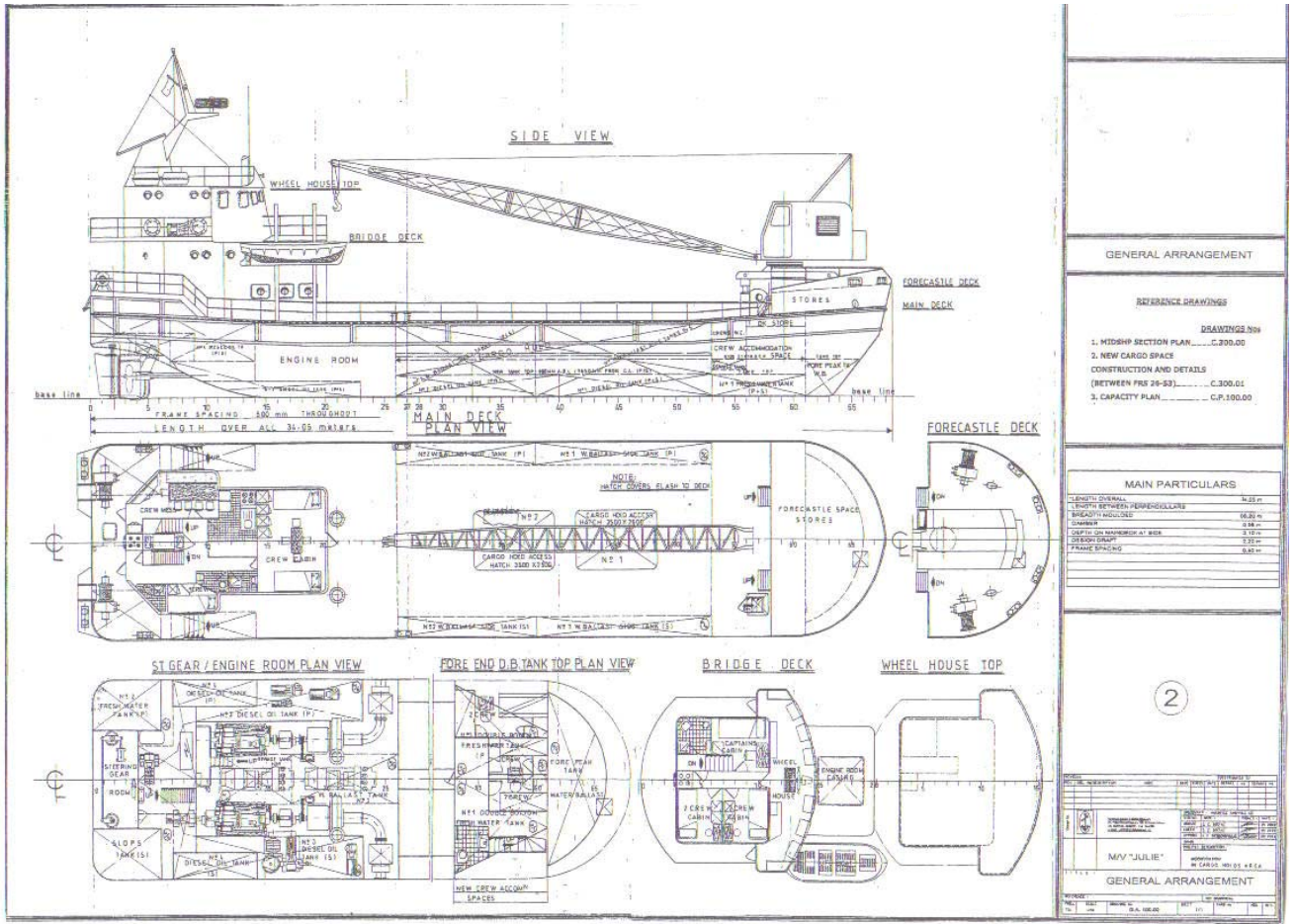
Nos 2 electric air compressors 7000lts per min. at  
7 kg. per sq. cm. "Atlas Copco"

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<b>Generators:</b>	"Deutz/Pellizzarri" Nos 2 x 88 KW ea. 380V -50 Hz – AUX. Deutz No1 x 12.5 KW
<b>Firefighting equipment:</b>	No 1 monitor 3" "Minimax"
<b>Firefighting pumps:</b>	No 1 electric pump 60 cbm/h 140mts head Emergency Fire Pump
<b>Workshop:</b>	Fully equipped
<b>Steering gears:</b>	Electro-hydraulic type 8 T/ m S.G.I.
<b>Life Boats:</b>	No 1 x 10 pers.- No 1 infl. raft 18 pers.
<b>Mooring winches:</b>	Nos 4 of 3.5 tons ea. "Norwinch"
<b>Windlass:</b>	No 1 "Norwinch" for chain 20.5m.m.- Nos 11 shackles: 6 starboard – 8 port
<b>Accommodation:</b>	Nos 7 crew berths+10 riders in 5 double air-conditioned cabins
<b>Radar:</b>	JRC JMA -2343 94Hz
<b>Echosounder:</b>	"Elac" graphic 600 mts depth
<b>Magnetic compass:</b>	No 1 "Plath" Reflection type
<b>Electronics:</b>	VHF/DSC SIMRAD RS-8400 25W MHF GMDSS SYSTEM JRC JSB-1964 150W INMARSAT-C MES+E4C RECV 2 FURUNO EPIRB McMURDO SOS-E3-AUTO 406 MHZ NAVTEX RECEIVER JRC N CR-330 SART 94Hz McMURDO RT 9-3 POST VHF RECEIVER 2 PCS
<b>Search lights:</b>	Nos 4 x 1000W:2 fwd. -2 aft.
<b>Loud speaker:</b>	200m range
<b>Towing ropes:</b>	According to H.M.M.I rules and spares
<b>Special Equipment:</b>	2 x Suction Dredging Pumps "KAPPA" 1.2 m dia impeller for dredging up to +20m W.D. and side discharge via 2 x 16-inch pipes. (Suction 2 x 1000 cbm per hour @ 30m manometric head.) 1 Link Belt Crane 108B, capable of 40 Tons on the bow/ 13 Tons in rotation. Fitted with hydraulics/ grab clam shell.

**NOTES:** All certificates are valid.  
Vessel has been recently dry-docked (07/2006) and has passed periodic inspection (10/2006). Ultrasonic measurements of hull and decks (07/2006) passed inspection service requirements (over 50% of hull/deck plating replaced during 2003 major refit). All main engines and generators have approx. 250hrs since major overhaul in 08/2003. Auxiliary generator was overhauled 09/2006. Vessel is laid-up but well maintained by crew.

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**SELF PROPELLED DREDGING CRANE BARGE**

**MAIN CHARACTERISTICS**

type	dredging crane barge
length	35.05 m
beam	6.20 m
depth	3.10 m
draught	2.40 m
displacement	829 tons
power	2 x 615 BHP Deutz
crane	Link Belt LS 105 B

ROOM	LENGTH	ANGLE	RADIUS		LIFTING CAPACITIES	
			m	ft	LOGITUIN	REVOLVING
m 15.25	80	3.85	12	3132	1366	
ft 50	76	4.57	15	2133	1091	
	70	8.10	20	15.82	8.17	
	64	7.62	25	10.08	6.44	
	58	9.15	30	7.88	5.45	
	51	10.57	35	6.44	4.67	
	43	12.20	40	5.40	4.08	
	33	13.72	45	4.59	3.63	
	21	15.25	50	4.01	3.27	
m 18.30	79	4.57	15	21.24	10.89	
ft 60	74	8.10	20	13.88	8.15	
	69	7.62	25	9.99	6.52	
	64	9.15	30	7.79	5.43	
	58	10.67	35	6.20	4.65	
	52	12.20	40	5.27	4.07	
	46	13.72	45	4.50	3.81	
	39	15.25	50	3.92	3.25	
	30	16.78	55	3.42	2.95	
	19	18.30	60	3.02	2.70	

