



Lyboussakis

Salvage & Towage

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"LEON"

General Particulars

Length Overall	36.30m
Breadth	10.00m
Draft	3.60m
Gross tonnage	365
Port of Registry	Piraeus
Built	1984 Japan
Bollard Pull	50 tonnes
Service Speed	14.3 knots

Capacities

Fuel.	47.1cu.m.
Fresh Water	22.0cu.m.
Detergent	2.0cu.m.
Foam	6.8cu.m.

Class

Polish Registry
+100 A2 Tug

Main Power Plant

2 x Niigata 6L28XE 6cyl, intercooled, turbo
diesel main engines
Total Rated Power 2536kW (3400 BHP)

Propulsion

2 x Niigata z-pellers (ZP-3A) with Kort nozzles
Rotable 360 degrees

Electrical

2 x Yanmar 6KFL 110 Kia generators 225V
AC, 60 cycle, 3 phase

Deck Machinery

Hydraulic, remote controlled towing winch and
anchor
Windlass on forecastle, Hydraulic towing winch
aft
Portable oil dispersant spray nozzles -
350litres/min

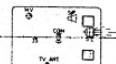
Fire Fighting

1 x remote controlled masthead monitor -
700M3/hr
2 x bow monitors - 500litres/min
Water curtain for deck and superstructure
cooling - 125litres/min

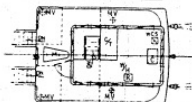
GENERAL ARRANGEMENT

BRIDGE DECK

COMPASS DECK

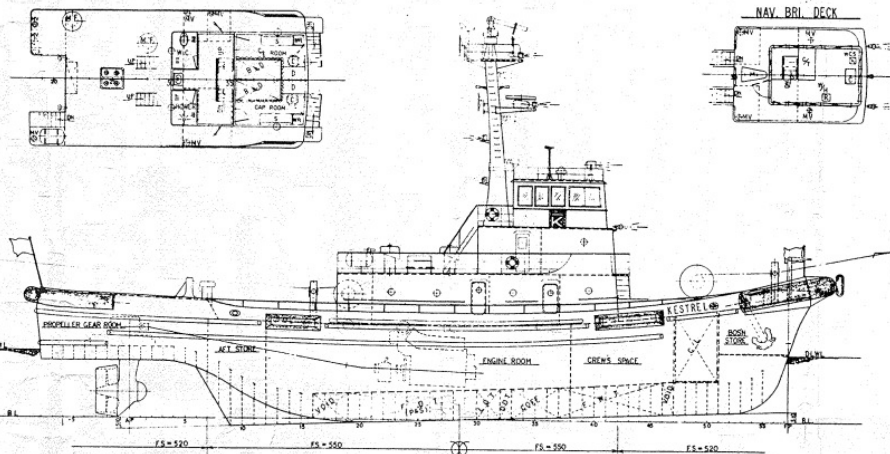
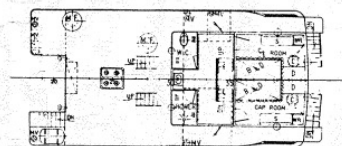


NAV. BRIDGE

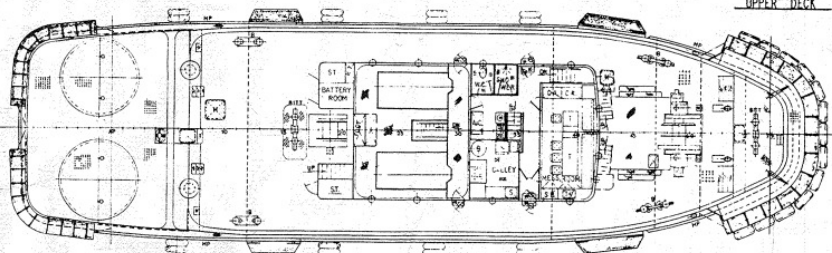


PRINCIPAL PARTICULARS

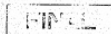
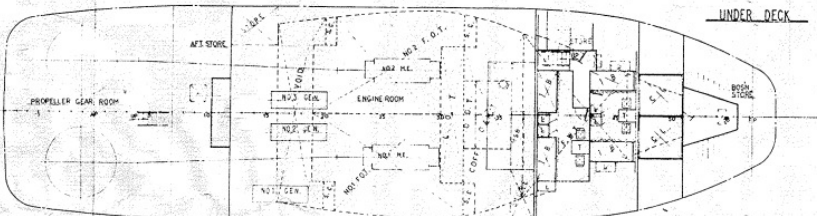
PRINCIPAL DIMENSIONS	
LENGTH (O.A.)	36M74
LENGTH (P.P.)	30M00
BREADTH (M.L.D.)	10M00
DEPTH (M.L.D.)	4M40
DRAFT (DESIGNED)	3M15
TONNAGE	
GROSS TONNAGE	365.10M
MAIN ENGINE	
TYPE	MITSUBISHI 6L20BHC
NUMBER	2 SETS
OUT. PUT (NORMAL)	1500 PS
PROPELLER	
TYPE	MITSUBISHI 2-PELLER 3A
NUMBER	2 SETS
SPEED	
TRIAL (MAX.)	15.8 KTS
DEAD FULL (MAX.)	46.0 TON
COMPLEMENT	
CAPTAIN	1 P
C/ENG	1 P
CREW	1 P
TOTAL	3 P



UPPER DECK



UNDER DECK



32000 HARBOR TUG

GENERAL ARRANGEMENT

DATE DRAWN 1985.7.9 DRAWING NO. 1000 SCALE 1:100

DESIGNED BY SHIPBUILDING CO. LTD.