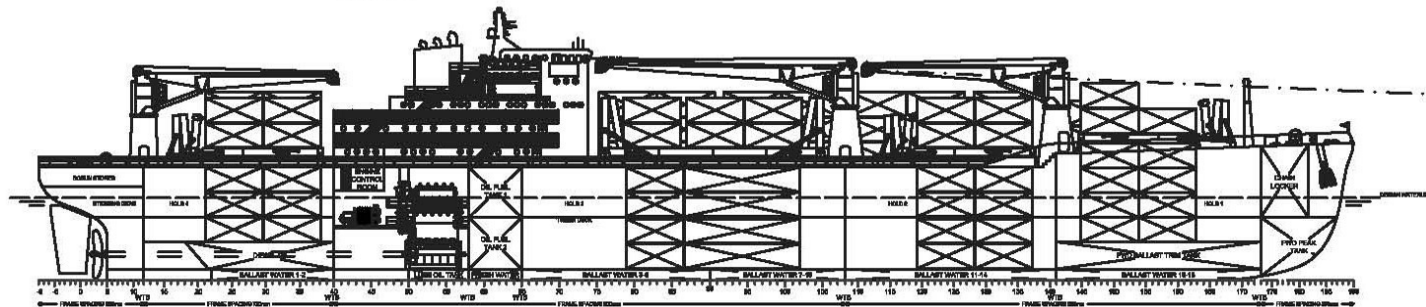
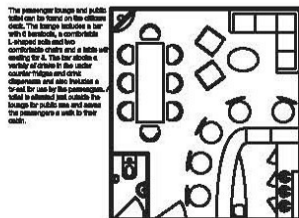


GA FOR A 12,000DWT CARGO/PASSENGER LINER

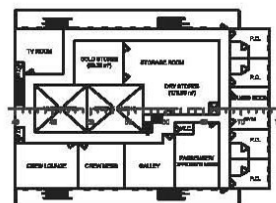
PROFILE



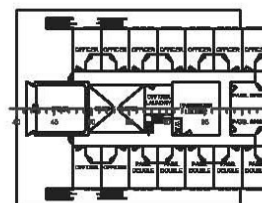
PASSENGER LOUNGE



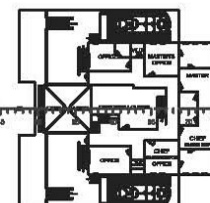
UPPER DECK



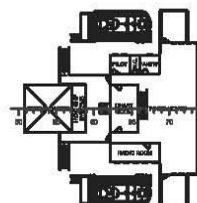
OFFICERS DECK



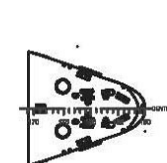
CAPTAINS DECK



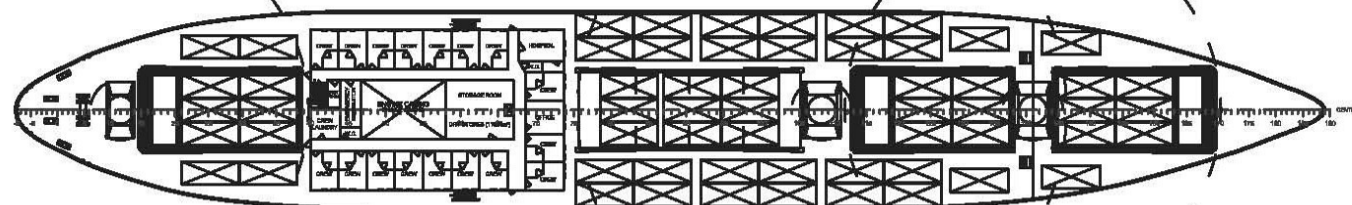
BRIDGE DECK



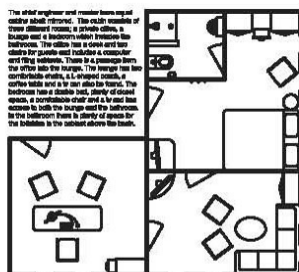
FW'D MOORING DECK



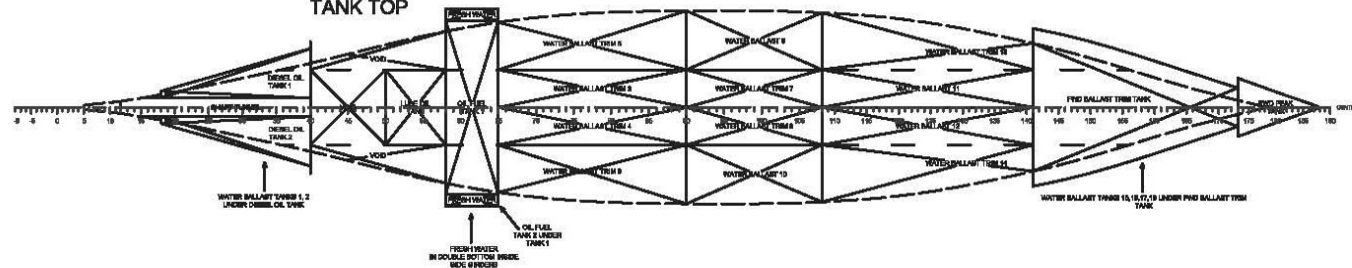
MAIN DECK



CHIEF ENGINEER ROOM



TANK TOP



SHIP DATA

SHIP DIMENSIONS:

SHIP DIMENSIONS:	
LENGTH O.A.	139.79m
LENGTH B.P.	134m
BEAM mid	21m
DEPTH mid	12m
DRAUGHT (load)	9.04m
Cb (load)	0.884
SERVICE SPEED	16 knots
RANGE	12,000 nm

CAPACITIES:

OIL FUEL	960 tonnes
DIESEL OIL	150 tonnes
LUBE OIL	50 tonnes
FRESH WATER	200 tonnes
BALLAST WATER	2000 tonnes
B.W FOR TRIM	1500 tonnes
CARGO	10,500 tonnes
TOTAL DEADWEIGHT	12,000 tonnes
LIGHTSHIP	5,263 tonnes

PEOPLE:

OFFICERS	12
PETTY OFFICERS	4
CREW	17
PASSENGERS	12
TOTAL	45

TOTAL	%
INSTALLED MACHINERY	

MAIN ENGINE	8,390 kW
AUX. GENERATOR	450 kW
EM. GENERATOR	110 kW
PROP. DIAMETER	5.25 m

CALCULATED SHIP PROPERTIES:	
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FREEBOARD	2,930 mm
SUMMER LOAD WL.	9.07 m
SUMMER LOAD DISPL.	18,376 tonnes
CONTAINER (ON DECK)	145 TEU
GROSS TONNAGE	8,646
NET TONNAGE	5,385

DRAWN BY:	SCALE:	DATE:	MODULE:
L.A. LE CLERCQ	VARIOUS	14 MAY, 2009	SHIP FUNCTIONAL DESIGN
TITLE:			COURSE:
G.A. OF 12,000DWT CARGO/PASSENGER LINER			SHIP SCIENCE