

# SAFE SEA TRADING FZCO

## VESSEL TYPE – Self Propelled Flat Top Barge



### PRINCIPAL PARTICULARS

Built	2006
Builder	Al Bwardy – Dubai
Flag	Tuvalu
Class	Bureau Veritas
Class No	08985T
Class Notation	I+Hull .Mach
IMO No	9383778

### MACHINERY

Main engines	2xThrustmaster WM150
Power	2x150 Hp
Generator	66kW / 50Hz 415 / 240V, 3 Phase

### NAVIGATION EQUIPMENT

DGPS	1xJ-NAV-500
Echo Sounder	1xJRC
Radar	1xJMA X Band
VHF Radio	1xSailor RT2048
Navtex	1xNCR-333

### OPTIONAL ACCOMODATION

Demountable container, Cabins 2, Berths 5, Toilet / Shower & Mess Room.

### PRINCIPAL DIMENSIONS

Length Overall (m)	26.4
Breath moulded (m)	10.0
Depth moulded (m)	3.0
Max Draft (m)	2.0
GRT	183T
NRT	55T
Deadweight	165T

### CAPACITIES

Deck Cargo capacity (t)	135.0
Clear Deck Area (m2)	130.0
Deck Loading (t/m2)	5.0
Fresh Water (m3)	49.0
Potable Water (m3)	7.0
Marine Diesel (m3)	22.0

### PERFORMANCE

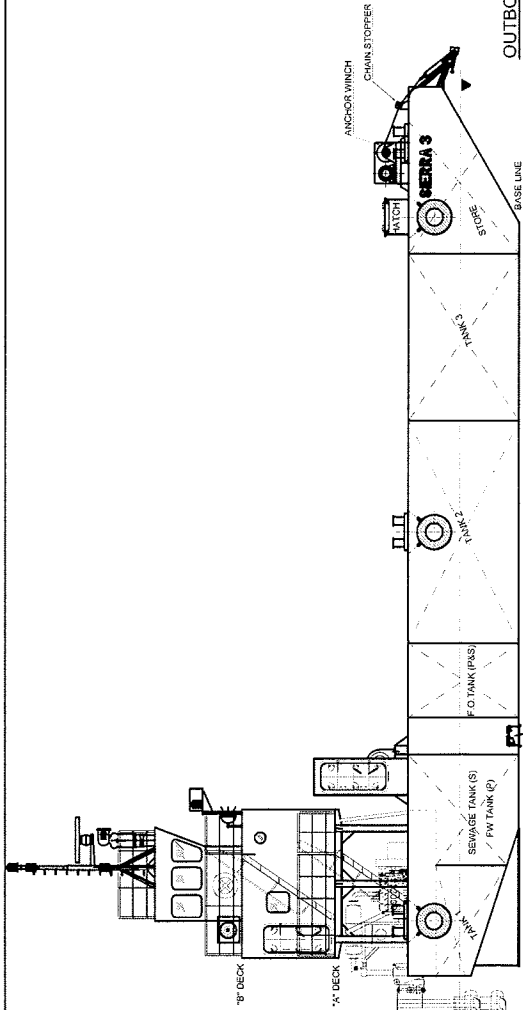
Max speed (knots)	5.2
Consumption (mt/day)	1.93
Economical Speed (knots)	4.5

### ACCOMODATION

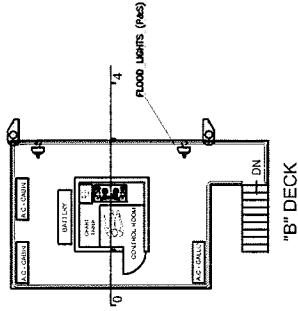
Crew Cabins (No/Berths)	2/4
Air Conditioning	Yes

### OPTIONAL EQUIPMENT

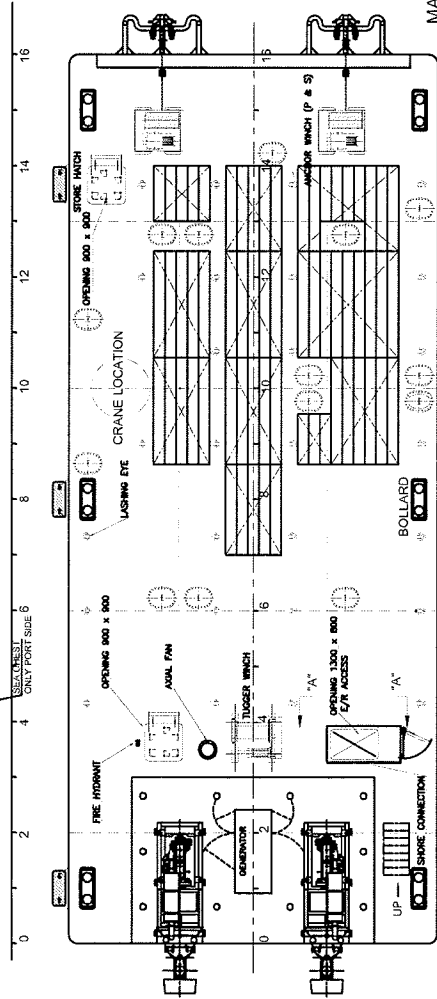
Crane – max capacity per class 25 swl



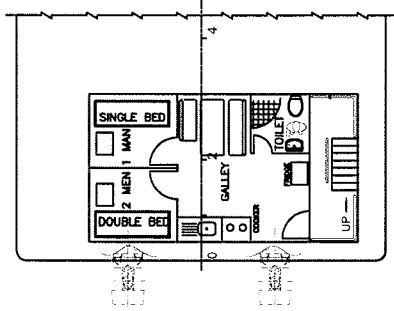
OUTBOARD PROFILE



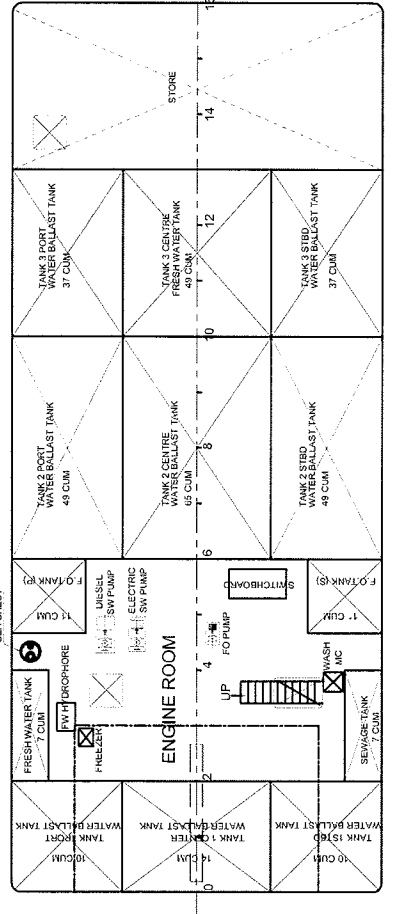
WHEEL HOUSE TOP



MAIN DECK



"A" DECK



SECTION A-A  
DETAILS OF ACCESS TO ENGINE ROOM

BELOW MAIN DECK

**PRINCIPAL PARTICULARS**

L.O.A	24.00m
BEAM	10.00m
DEPTH	3.00m
DRAFT (min)	1.20m
DRAFT (max)	2.00m
FRAME SPACING	1500 mm
DECK LOADING	5 tm <sup>2</sup>
DECK THICKNESS	12 mm
BOTTOM & SIDE SHELL	10 mm
BULKHEADS	8 mm

3	REVISED AS PER DESIGN PROGRESS	GIRISH	07/02/05
2	REVISED AS PER DESIGN PROGRESS	GIRISH	01-12-05
1	REVISED AS PER CLASS COMMENTS	SURESH	21/08/05
REV.	DESCRIPTION	AUTH.	DATE



This drawing or document is the property of Albwardy Marine Engineering L.L.C. and must not be copied, stored, or given to a third party without the expressed consent of Albwardy Marine Engineering L.L.C.

CLIENT:	SAFE SEA TRADING	DRN:	MENON
SHIP'S NAME:	SIERRA 3 (YARD NO. 005)	CHK:	SURESH
TITLE:	GENERAL ARRANGEMENT	APPD:	GIRISH
DATE:	18-07-2005	SCALE:	1 : 100
DRAWING No.	AME-005-101	REV:	3
		No. OF SHEETS	1
		SHEET No.	1/1