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## VOLTAR

### GENERAL INFORMATION

Flag:	Azerbaijan
Type of the Vessel :	Crane vessel
Class:	KM L3 1 R3 floating crane 1
Built:	December, 1968
IMO Number:	8963117
Classification Society:	RS
Sea Endurance:	15 days

### MAIN DIMENSIONS

LOA:	40,66 m
Beam:	20,00 m
Depth moulded:	3,40 m
Draft:	2,00 m

### TONNAGE

GRT:	854 tons
NRT:	256 tons
DWT:	386 tons
Deck Cargo:	300 tons

### CONSUMPTION

Fuel Type:	MDO
Work Consumption:	3,6 tons
Stand-by Consumption:	0,35 tons

### MOORING EQUIPMENT

Quantity of Anchors:	2 foreship and 2 aftship
Anchors Weight, type:	4 x 1000 kg, Hall
Quantity of Winches:	4 (2 foreship and 2 aftship)
Anchors Chain Ø / L:	34 mm, 175 m on each winch

### MACHINERY

Main Engines:	2 x 331 kWt
Auxiliary Engines:	1 x 50 kWt
Vertical Blades Thrusters:	2 vertical blade thrusters

# ROYAL MARINE

## VOLTAR

### NAVIGATION / COMMUNICATION EQUIPMENT

Radar:	Furuno-1832
Depth Sounder:	Furuno -FE-700
GPS:	SPR-1400
VHF:	STV-160
NAVTEX Receiver:	SNX-300 SAMYUNG
AVI:	SAMYUNG SI-30R
Portable Radio Stations:	4 units., STV-160 SAMYUNG
AIS:	SI-30R
EPIRB:	SE 406-II
Navtex:	SNX-300
Radar transponder:	Musson 502, SAR-9
Sailing area:	A1

### CAPACITIES

Fuel:	42 tons
Luboil:	5 tons
Potable Water:	30 tons
Ballast:	72 tons

### CRANE

Crane Lifting Capacity:	Furuno-1832
Crane Outreach:	As per hoisting diagram
Crane Hook Lift. Height:	(see page 2)
Crane Hook Submerge Depth:	5 m / 8 m

### ACCOMODATION

Cabins:	8 cabins., fully air conditioned
Berths:	for 20 people

# ROYAL MARINE

## VOLTAR

Fuel consuming equipment	Fuel consumption at various load. Kg/hour										remarks
	Work load , %										
	10	20	30	40	50	60	70	80	90	100	
Main engine Nr1, Nr2 64H25/34*	15	30	45	60	75	90	105	120	135	150	159+9 gr/liter .av./hour
Harbor diesel generator 64H12/14	1,44	2,88	4,32	5,76	7,2	8,64	10,08	11,52	12,96	14,4	180 gr/liter .av./hour
Water heating boiler KBC-200	2,2	4,4	6,6	8,8	11	13,2	15,4	17,6	19,8	22	
* - indicated consumption for one engine. Stand-by consumption of harbor generator – 0,345 ton/day											

Consuming equipment	Lube oil consumption at various load. Kg/hour										remarks
	Work load , %										
	10	20	30	40	50	60	70	80	90	100	
Main engine Nr1,Nr2 64H25/34*	0.102	0.203	0.304	0.405	0.506	0.608	0.709	0.810	0.911	1.012	4,2*10 <sup>-10</sup> (1,1)
Harbor diesel generator 64H12/14	0.04	0.08	0.12	0.16	0.2	0.24	0.28	0.32	0.36	0.4	0,005 gr/liter .av./hour

## HOISTING DIAGRAM

