



# Offshore Supply Vessel "YAGUAR"

**1910 KWT - OS**

**ENKA İNŞAAT VE SANAYİ A.Ş.**

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# SHIP SPECIFICATION "YAGUAR"

## CLASS AND FLAG DATA

Type	Offshore Supply Vessel
Year built / Shipyard	1980, Texas, USA
Class	RMRS
Class symbol	KM ★ DG (pack) Supply vessel (OS)
Flag	Kazakhstan
Port of registry	Aktau
Call sign	UOV
IMO number / or Class number	8010049

## DIMENSIONS

Length (overall)	54,86 m
Length (between perpendicular)	50,7 m
Breadth (moulded)	12,19 m
Depth (moulded)	4,26 m
Draft (summer)	3,19 m
Minimal operational draft (minimal stores)	2.3 m
Deadweight	634,15 tons
Registered gross tonnage	719

## MACHINERIES

Main engines	2x 955 kW, DETROIT DEISEL 16 V 149 T
Auxiliary diesel-generators	Detroit Diesel 3 psc., model 8VA(2x231KW,1x150 KW)
Emergency diesel-generator	Northern Lights 33 KW Model NL 439 D(1)
Bow thruster	GM 8V71 STT 152 192 HP
CPP / FPP and Rudder(s)	twin screw fixed pitch propellers, rudders
Steering gear	Hydraulics, 2 pumps

## AUXILIARY EQUIPMENT

Boiler(s)	3
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## ANCHOR AND MOORING EQUIPMENT

Anchor windlass	2 hydraulic winches
Anchors	2x 2,7 t

## TANKS FULL CAPACITIES

Fuel tanks	173,76 m <sup>3</sup>
Oil tanks	8,1 m <sup>3</sup>
Fresh water tanks	169,21 m <sup>3</sup>
Sewage water tanks	141,34 m <sup>3</sup>
Oily bilge water tanks	22,42 m <sup>3</sup>
Oil residues (sludge) tanks	1,36 m <sup>3</sup>
Ballast water tanks	200,39 m <sup>3</sup>

## TRANSFER RATES

Fuel	40 m <sup>3</sup> per hr
Fresh water	100 m <sup>3</sup> per hr
Sewage water	140 m <sup>3</sup> per hr
Oily bilge water	2.2 m <sup>3</sup> per hr
Oil residues (sludge)	1,5 m <sup>3</sup> per hr
Ballast water	132 m <sup>3</sup> per hr

## DECK CAPACITY

Deck strength	2,63 tons per m <sup>2</sup>
Clear deck dimensions (L x B )	28,37 x 9,37 m
Clear deck area	276 m <sup>2</sup>
Fixed cargo securing devices	5t – 9 pcs / 3t – 10pcs.

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## DECK CRANE(S)

Manufacturer	«Blue Steel S.R.L.»(PAGO VEIANO –BN-ITA)
SWL	(2.2 Tons- 17.5mtr, 5.75 Tons- 7.2mtr)
Location	Starboard side, stern

## PERFORMANCE

Maximum speed / consumption	12kts / 6,5 d.o.t./day
Economical speed / consumption	10.5 kts / 5,5 d.o.t./day

## NAVIGATION AND COMMUNICATION

GMDSS area	[A1 + A1 +A3]
INMARSAT station	FURUNO FELCOM-15
Radar 1	FURUNO FR-8100D
Radar 2	FURUNO FR-1510
AIS	FURUNO FA-100
EPIRB	McMurdo Pains Wessex E3
Radar transponder	ACR Pathfinder 3
VHF radio station	2 x SAILOR RT-4822
MF/HF radio station	Sailor HR-4500
Two-way portable VHF	ACR SR-103
Magnetic compass	ES.RITCHIE & SONS
Gyro compass	TOKIMEC ES-17
GPS compass	GP – 31 / GP - 39
Auto pilot	COURSEMASTER 880
NAVTEX receiver	FURUNO NX-500
GPS receiver	FURUNO GP-39
Echo sounder	DATAMARINE
Satcom	SF2500

## FIREFIGHTING EQUIPMENT AND POLLUTION PREVENTION EQUIPMENT

Fireman outfit	2
Portable fire extinguishers	31
Fire hoses and nozzles	7 fire hoses, 7 nozzles
Fire pump	Aurora A-344, 60 m <sup>3</sup> per hr
Emergency fire pump	1 pc. diesel
Fixed fire-fighting system	CO <sub>2</sub>
Oil spill kit	1

## LIFE-SAVING APPLIANCES

Inflatable life raft	4 x 25
Rescue boat / davit	1x 6 BD-ROI/ YM-RC/H-C15x3,5
Life buoy	8
Life jacket	51
Immersion suit	46
Embarkation ladders	3
Markus net	SAS S100116

## ACCOMMODATION

Number of persons for which LSA are provided	43
Number of crew for safe operation / passengers	11 / 30
One-bed cabin	2 pcs.
Two-bed cabin	8 pcs.
Four-bed cabin	2 pcs.
Three-bed cabin	1 pc.
Six-bed cabin	2 pcs.
Mess room	1 pc.
Saloon	1 pc.
Galley	Yes

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TANK NAME	100% CAPACITY
FO PS	78,36 m <sup>3</sup>
FO SbS	78,36 m <sup>3</sup>
Fuel oil day PS	8,52 m <sup>3</sup>
Fuel oil day SbS	8,52 m <sup>3</sup>
Hydrolic oil	0,69 m <sup>3</sup>
Main engine lub oil PS	1,97 m <sup>3</sup>
Main engine lub oil SbS	1,97 m <sup>3</sup>
Generator lub oil	1,39 m <sup>3</sup>
Gear oil	2,08 m <sup>3</sup>
Dirty oil	1,36m <sup>3</sup>
Oily bilge water tank	1,36m <sup>3</sup>
Oily bilge water tank	21,06 m <sup>3</sup>
Fresh water tank 1	16,53m <sup>3</sup>
Fresh water tank 2 OUTBD	32,55m <sup>3</sup>
Fresh water tank 2 OUTBD	32,55 m <sup>3</sup>
Fresh water tank 2 INBD	43,79 m <sup>3</sup>
Fresh water tank 2	43,79 m <sup>3</sup>
Sewage water tank 2	60,67 m <sup>3</sup>
Sewage water tank 2	60,67 m <sup>3</sup>
FWD sewage	9,69 m <sup>3</sup>
Sewage tank	6,21 m <sup>3</sup>
Grey water	4,1 m <sup>3</sup>
Forepeak	48,9 m <sup>3</sup>
Tank 1	77,91 m <sup>3</sup>
Tank 1	54,98 m <sup>3</sup>
Aft ballast	18,6 m <sup>3</sup>

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