

## Basic Data

<b>Vessel's type</b>	OSV
<b>Built</b>	2013 (China)
<b>Classification society</b>	IACS member
<b>DP class</b>	DP1



## General Characteristics

<b>LOA</b>	59.85 m
<b>Beam</b>	14.95 m
<b>Depth</b>	6.10 m
<b>Draft (design)</b>	4.75 m
<b>Draft (max)</b>	5.01 m
<b>Freeboard</b>	0.71 m
<b>Air draught</b>	23.90 m
<b>Tonnage (GT / NT)</b>	1,727 / 518
<b>Displacement (full load)</b>	3,000.12 t
<b>Deadweight</b>	1,401.26 t
<b>Speed (max / service)</b>	abt 12.5 kn / 10 kn
<b>Fuel consumption</b>	abt 12 t / 7 t
<b>Consumption (port / DP)</b>	abt 1 t / 4 t
<b>Fuel type</b>	MDO (ISO 8217) / DMX + DMA
<b>Accommodation</b>	22 pax (8 x 1-berth, 7 x 2-berth) + hospital

## Engine Room

<b>ME</b>	2 x Caterpillar 3516CHD / 2,575 bhp (1,920 kW) each
<b>Generator</b>	2 x Caterpillar C18 / 350 kW each
<b>Shaft generator</b>	2 x Leroy Somer LSAM 50.2M6C65/4 / 800 kW each
<b>Emergency generator</b>	1 x Caterpillar C4.4 / 65 kW
<b>Bow thruster</b>	1 x Wuhan Kawasaki KT-72B3 / 515 kW
<b>Stern thruster</b>	1 x Wuhan Kawasaki KT-72B3 / 515 kW
<b>Propeller</b>	twin screw Scoda

## Pump Capacities

<b>Fuel pump</b>	1 x Azcue BTDG110T-F / 150 cbm/hr
<b>FW pump</b>	1 x Azcue CM/EP100/26 / 125 cbm/hr
<b>SW/Drill water pump</b>	1 x Azcue CM/EP80/26A / 100 cbm/hr
<b>Bilge pump</b>	1 x Azcue CA100/80-40A / 75 cbm/hr
<b>Fire pump</b>	1 x Azcue CA100/80-40A / 75 cbm/hr
<b>Bulk cement pump</b>	2 x Tanabe TASK-2575FW-E / 13 cbm/min @ 5.9 bar

## Deck Equipment

<b>Crane</b>	SWL 3 t @ 9 m
<b>Tugger winch</b>	2 x 5 t
<b>Windlass</b>	37,1 t / anchors: 2 x 1,296 kg
<b>Capstan</b>	2 x 5 t
<b>Fi-fi pump</b>	2 x SFP250/350XP / 1,650 cbm/hr / FiFi Class 1
<b>Monitor (water/foam)</b>	2 x 1.200 cbm/hr
<b>Emergency fire pump</b>	1 x 35 cbm/hr / 4.5 bar

## Cargo Deck

<b>Clear deck space</b>	130 sqm
<b>Length x breadth (max)</b>	13.50 m x 11.80 m
<b>Deck strength</b>	7 t/sqm
<b>Cargo weight (max)</b>	500 t
<b>Reefer plugs</b>	4 x 415 V and 2 x 220 V

## Tanks (Capacities)

<b>Fuel</b>	476 cbm (12 tanks)
<b>Fresh water</b>	212 cbm (6 tanks)
<b>Drill water</b>	424 cbm (9 tanks)
<b>Dry bulk</b>	85 cbm (2 tanks)
<b>Oil recovery</b>	771 cbm (9 tanks)
<b>Foam/detergent</b>	11 cbm (1 tank)

## Electronics

	all modern
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