

2,125G/T • 9,000kW  
Anchor handling Tug  
/ Supply vessel

# AKATSUKI



**OOC**



## Main Details

<b>Year Built</b>	March 2016	<b>Length</b>	68.00m	- O. A.
<b>Class</b>	NK		60.0m	- P. P.
<b>Official No.</b>	142586	<b>Breadth</b>	16.40m	
<b>IMO No.</b>	9728966	<b>Depth</b>	7.21m	
<b>Call sign</b>	7JWA	<b>Draught</b>	5.20m	
<b>Service of Ship</b>	Offshore Support Vessel	<b>Tonnage</b>	2,125t	- gross tonnage
<b>Navigation Area</b>	Greater Coasting Area A3 International Voyage		2,500t	- international tonnage
		<b>Complement</b>	34 persons	(Crew 14,passengers 12, Other Persons 8)

## Engine and Propulsion

<b>Main Engine</b>	9,000kW (4,500kW ×2) Wartsila 9L32	<b>Bollard Pull</b>	152.90t	- maximum
<b>Propulsion</b>	CPP in Kort nozzle ×2		150.60t	- continuous, max
<b>Generator</b>	Shaft Generator 1,800kW ×2 Main Generator 353kW ×2	<b>Speed</b>	14.69kts	- maximum
			13.00kts	- at cruise
		<b>Bow Thruster</b>	CPP type 117kN (11.9t) ×2	
		<b>Stern Thruster</b>	CPP type 117kN (11.9t) ×1	

## Navigation, Radio Equipment and Communication

DPS (DP2)	Auto Pilot (TOKYO KEIKI)	GMDSS (A1, A2, A3)	
Rader×2(JRC)	Gyro Compass (TOKYO KEIKI)	VHF Radio×2(JRC)	2Way Radio×3(JRC)
DGPS(JRC,C-Nav)	Current Meter(JRC JLN-652)	MF/HF Radio(JRC)	Inmarsat C (JRC) NAVTEX(JRC)
Doppler log(JRC)	Echo Sounder (JRC JFE-380)	EPIRB(JRC)	SART×2(JRC) AIS(JRC)
Weather FAX(JRC)	Inmarsat FB (JRC)	Maritime Telephone / Fax	090-3022-3403/03-6888-1786
		INMARSAT Telephone	001-010-870-77380—9875
		/Fax	001-010-870-78325—9705
		E-mail	akatsuki@oocltd.jp

## Deck Equipment

<b>Anchor Handling &amp; Towing Winch</b>		<b>Stern Roller</b>	φ 2.0m×4.0m B.L=4,410kN(450t)
	2,940kN (300t) - 10m/min	<b>Deck Crane</b>	49kN (5t)
	1,470kN (150t) - 15m/min		Slewing Radius 2.6m~12m
	470kN (48t) - 30m/min		Maximum Hoisting Lift 30m
	4,410kN (450t) - Brake	<b>Mooring Equipment</b>	Anchor 1,710kg ×2
<b>Tugger Winch ×2</b>	118kN (12t) - 15m/min		Stud Link Chain
Warping Drum	98kN (10t) - 13m/min		S/B φ 36mm×247.5m
	177kN (18t) - Brake		Port φ 36mm×220.0m
<b>Capstan ×2</b>	98kN (10t) - 15m/min		Windlass
<b>HYD.Storage Reel Winch</b>			Chain Wheel - 147kN(15t)
	73kN (7.5t) - 20m/min		Hawser Drum - 70kN (7t)
<b>Towing Pin •Karm Fork</b>			Warping Drum - 70kN (7t)
	Pin S.W.L. 150t, Fork S.W.L. 360t		

## Tank and Deck Capacity

<b>Fuel Tank</b>	1,036.28m <sup>3</sup> (incl. Mud TK & C/L)	<b>MUD/B.O Tank</b>	271.64m <sup>3</sup>
<b>Fresh Water Tank</b>	533.56m <sup>3</sup>	<b>Brine/B.O/D.W Tank</b>	164.71m <sup>3</sup>
<b>Bulk Tank</b>	250.00m <sup>3</sup> (62.50m <sup>3</sup> ×4)	<b>Chaine Locker</b>	150.24m <sup>3</sup>
<b>Drill/BALLAST Water Tank</b>	609.69m <sup>3</sup>	<b>Free Deck Space</b>	450.00m <sup>2</sup>
		<b>Deck Cargo</b>	1,000t

## Others

**Fire Fighting** FiFi-1

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