

MARLIN 1 (Ex Lamnalco Blackbird)



General

Vessel type	Berthing /FiFi/ ASD Tug
Year Built/ Builder	2005, Hin Lee Shipyard China
Classification	Lloyds +100 A1Tug, FiFi1 with waterspray +LMC,UMS
Flag	Cyprus
Call Sign	P3ZX9

IMO Number	9329124
GRT/NRT	327/ 98

Dimensions

LOA x Beam x Depth Mld.	27.4m x 11.5m x 5m
Design Draft	4.6m

Cargo Capacities

Fuel Oil	96m3
Fresh Water	20.7m3

Propulsion Machinery

Main Engines	2 x CAT 3516B 2500BHP each @ 1600rpm.
Total Power	5000 BHP
Bollard Pull	61m/t ahead, 60m/t astern
Gearbox	Integral as part of pod
Azimuth Thrusters	2 x Schottel SRP 1215FP
Generators	2 x CAT 3056T, 84KW, 415V/3PH/50Hz
Full Service Speed	12 knots @ approx. 15 m/t per day

Economical Speed		10 knots @ approx. 8m/t per day
Fuel Oil Purifier		Alfa Laval MAB 103B-24
Deck Equipment/ Mooring System		
Fwd Winch		Plimsoll 2 Drums side by side 150m/t brake capacity 20m/t line pull @ 10m/min, 10m/t line pull @ 20m/min 150m x 80mm synthetic hawser on each drum Winch line tension indicator in wheelhouse
Fendering		Upper tier: 400x200mm Cylindrical Lower tier: 800x400mm Cylindrical Bow: "W" block approx. 400mm deep Stem: 300mm hollow extruded "D" fender Stern: 400x200mm Cylindrical Sheer: 300x300mm hollow square fenders Water cooled bow
Crane		Palfinger 9.5 t-m max outreach 6m
Anchor Windlass		Plimsoll
Anchors		2 x HHP stockless to Rule requirements
Anchor Chain		2 x 140m, 24mm SWR and 2 x 15m of 20.5mm U2 Stud link
Navigation/ Communication Equipment		
GMDSS		Area A3
Radar(s)		1 x Furuno 1942 Mark 2, 48 nm range
Radio(s)	VHF	2 x Furuno FM 8500 with DSC
	SSB	Furuno FS 1570
Magnetic Compass		Bellevue WA98005
Satellite Compass		Furuno SC602
Gyro Compass		1 x Anschuetz Standard 22
Autopilot		Comnav 2001
Weather Facsimile		Navtex NX-500
Other Navigation Equipment		SAT C Furuno Felcom 15, AIS, DGPS Furuno GP32, Wind speed and direction indicator,
Accommodation		
Fully air conditioned		10
Single, Double, Four Berth		2 x 1 berth, 1 x 2 berth, 2 x 3 berth
Fire/ Lifesaving Equipment		
Off Ship Fire Fighting		2400 m3/hr @ 12.5 bar
No. of Monitors		2 x foam/water remote controlled
On ship fire fighting		As per Class rules
Liferafts		2 x 10 men
EPIRB & Radar Transponder		Fitted
Anti Pollution Equipment		
Dispersant Booms		2
Dispersant Tank		3m3
Foam Tank		3m3
Additional Features		
Sewage Treatment Plant		Fitted

10/01/05