

M.V. FS Cygnus

DP 2 - UT 755LC - 7,000 BHP Platform Supply Vessel



OWNER

Fletcher Shipping

BUILT

Symek, Flekke Fjord, Norway, 2014

FLAG

British

CLASSIFICATION

DnV, + IAI, SF, ED, CLEAN, DYNPOS AUTR
COMF - V(3), DK(+), HL(2.8), OIL REC

DIMENSIONS

LOA	Approx. 76. 6m
Breadth (Moulded)	16m
Depth (Moulded)	7m
Draft (Max)	5.8 m
GRT	2,440 T
NRT	1,012 T
Deadweight	3,150 T

MACHINERY

Main Engines	2 x 3,500 BHP
Thrusters (Bow)	2 x 800 BHP
Thrusters (Stern)	2 x 800 BHP
Propellers	2 x RR CPP
Capstans	2 x 9 T
Deck Crane	1 x 3 T @ 17m
Tugger Winch	2 x 10 T

SPEED & CONSUMPTION

Draft	4.8 m
Idling/Stand by	0.75 MT
@ 10 Knots/hr	4.95 MT
@ 12 Knots/hr	5.95 MT
@ 15 Knots/hr	18 MT

CARGO CAPACITY

Deck Area (Max)	764 m ² (56.6 m x 13.5 m)
Deck Area (Usable)	710 m ² (52.6 m x 13.5 m)
Deck Load	1,550 T 5 T/m ²
Fuel Oil	935 m ³
Potable Water	1,186 m ³
Drill Water / Ballast	1,492 m ³
Oil Based Mud	6,290 bbls @ 100%
Base Oil	1,272 bbls @ 100%
Brine	2,516 bbls @ 100% +3,774 Multipurpose Tanks
Oil Recovery	5, 032 m ³
Dry Bulk	11,300 cu ft @ 100%

DISCHARGE RATES

Fuel	200 m ³ /hr @ 9 BAR
Pot Water	200 m ³ /hr @ 9 BAR
Oil Based Mud	75 m ³ /hr @ 18 BAR
Brine	75 m ³ /hr @ 18 BAR
Drill Water / Ballast	150 m ³ /hr @ 9 BAR
Base Oil	150 m ³ /hr @ 9 BAR
Dry Bulk	2 x 22.7 m ³ /hr @ 5.6 BAR

ACCOMMODATION

8 x 1 Man
5 x 2 Man
3 x 4 Man
1 x Gym
1 x Hospital

MANOEUVRING EQUIPMENT

DP 2 Rolls Royce Icon, Comprising 3x Reference Systems - 1x Radascan, 1x Cyscan, 2x DGPS, 1 x Rolls Royce Poscon Joystick

COMMUNICATIONS EQUIPMENT GMDSS A3

1 x MF/HF Transmitter / Receiver
2 x Inmarsat C
1 x Inmarsat Fleetbroadband 250
3 x VHF
4 x UHF (Fixed & Portable)
2 x Radar Transponders
2 x Tron EPIRB
UK Mobile phones, VSAT, Email Broadband, GSM

NAVIGATION EQUIPMENT

2 x Furuno Radar
1 x Furuno (GPS) Sat Nav
1 x Furuno (DGPS) Sat Nav
1 x Furuno Echo Sounder
3 x Sperry Gyrocompass
1 x Anschutz Auto Pilot
1 x Furuno Doppler Speed Log

MISCELLANEOUS EQUIPMENT

Tank Cleaning System

TANK CAPACITIES

	CUBIC METRES			BARRELS			
Tank	Fuel Oil	Fresh Water	Drill Water	Oil Based Mud	Brine	Base Oil	Oil Recovery
Fuel	63 63 49 49 87 87 85 85 120 140 42 42 23						
Fresh Water		125 110 59 59 34 34 22 47 47					
Drill Water			133 63 46 100 100 100 100				
Oil Based Mud							
Brine					629 629 629 629		
Dual Purpose Tanks		110 164 202 173	110 164 202 174 100 100	629 629 629 629 629 629 629 629 629	629 629 629 629 629		629 629 629 629 629 629 629
Oil Recovery							
Base Oil						636 636	
Total	935	1,186	1,492	6,290	6,290	1,272	5,032