

# M.V. FS CYGNUS

DP2 UT 755 LC 7,000 BHP Platform Supply Vessel



OWNER / MANAGER      BUILT  
 Fletcher Supply Vessels Ltd      Simek, Flekkefjord, Norway, 2014

FLAG      CLASSIFICATION  
 British      DnV, +1A1, SF, E0, CLEAN, DYNPOS AUTR, COMF – V(3), DK(+), HL(2.8), OIL REC

## DIMENSIONS

LOA	76.6 m
Breadth (Moulded)	16 m
Depth (Moulded)	7 m
Draft	Max. – 5.89 m Min – abt. 3.9 m
GRT	2420 t
NRT	1012 t
Deadweight	3150 mt

## MACHINERY

Main Engines	2 x 3500 BHP
Thrusters (Bow)	2 x 800 BHP
Thrusters (Stern)	2 x 800 BHP
Propellers	2 x RR CPP
Capstans	2 x 9t
Deck Crane	1 x 3t @ 17m
Tugger Winch	2 x 10t

## SPEED & CONSUMPTION

Idling / Standby	Abt. 2 m <sup>3</sup>
@ 10 Knots / hr	Abt. 8 m <sup>3</sup>
@ 13.5 Knots / hr	Abt. 14 m <sup>3</sup>
@ 15 Knots / hr	Abt. 25m <sup>3</sup>

## CARGO CAPACITY

Deck Area	764 m <sup>2</sup> (56.6 m x 13.5 m)
Deck Load	1550 t
Deck Strength	5 t/m <sup>2</sup>
Fuel Oil	931 m <sup>3</sup>
Potable Water	1182 m <sup>3</sup>
Drill Water / Ballast	1484 m <sup>3</sup>
Oil Based Mud	6243 bbls @ 100%
Base Oil	1258 bbls @ 100%
Brine	2495 bbls @ 100% + 3748 bbls multi purpose tanks
Dry Bulk	11300 ft <sup>3</sup> @ 100%
Oil Recovery	990m <sup>3</sup>

## DISCHARGE RATES

Fuel	1 x 200 m <sup>3</sup> / hr @ 9 bar
Potable Water	1 x 200 m <sup>3</sup> / hr @ 9 bar
Oil Based Mud	1 x 75 m <sup>3</sup> / hr @ 18 bar
Brine	1 x 75 m <sup>3</sup> / hr @ 18 bar
Drill Water / Ballast	1 x 150 m <sup>3</sup> / hr @ 9 bar
Base Oil	1 x 150 m <sup>3</sup> / hr @ 9 bar
Dry Bulk	2 x 22.7 m <sup>3</sup> / 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

1 x Joystick  
 DP2 Rolls Royce Icon  
 Reference Systems - 2 x DGPS,  
 1 x Cyscan, 1 x Radascan

### COMMUNICATIONS EQUIPMENT GMDSS A3

1 x MF / HF Transmitter / Receiver  
 2 x Inmarsat C  
 1 x Inmarsat Fleet Broadband 250  
 3 x VHF  
 4 x UHF (Fixed & Portable)  
 UK Mobile Phones, VSAT, E-mail, Broadband,  
 GSM  
 2 x Tron EPIRB  
 2 x Radar Transponders

### NAVIGATION EQUIPMENT

2 x Radar - Furuno  
 1 x GPS Sat Nav - Furuno  
 2 x DGPS Sat Nav - Furuno  
 1 x Echo Sounder - Furuno  
 1 x Gyro Compass – Sperry  
 1 x Autopilot – Anschutz  
 1 x Speed Log – Furuno Doppler

### TANK CAPACITIES

TANK	TANK ID	VOLUME (M <sup>3</sup> )								
		FUEL OIL	DRILL WATER	FRESH WATER	WATER BALLAST	OIL RECOVERY	MUD	BRINE	BASE OIL	DRY BULK
1	Forepeak Tk		133.5		133.5					
2	DB Wing Tk 1 SB			124.4						
3	DB Wing Tk 1 PS			109.8						
4	DB Wing Tk 2 SB		62.4		62.4					
5	DB Wing Tk 2 PS		45.4		45.4					
6	DB Wing Tk 3 SB	119.9								
7	DB Wing Tk 3 PS	140.0								
8	DB Wing Tk 6 SB	86.6								
9	DB Wing Tk 6 PS	86.6								
10	DB Tk 4 SB	62.7								
11	DB Tk 4 PS	62.7								
12	DB Tk 5 SB	49.2								
13	DB Tk 5 PS	49.2								
14	Wing Tk 4 SB	83.9								
15	Wing Tk 4 PS	83.9								
16	Wing Tk 5 SB								100.2	
17	Wing Tk 5 PS								100.2	
18	Wing Tk 7 SB			59.0						
19	Wing Tk 7 PS			59.0						
20	Wing Tk 8 SB			33.4						
21	Wing Tk 8 PS			33.4						
22	DB Tk 7 C			22.1						
23	Tk No. 1 PS						99.1	99.1		
24	Tk No. 1 SB						99.1	99.1		
25	Tk No. 2 PS					99.3	99.3	99.3		
26	Tk No. 2 SB					99.3	99.3	99.3		
27	Tk No. 3 PS		99.3		99.3	99.3	99.3	99.3		
28	Tk No. 3 SB		99.3		99.3	99.3	99.3	99.3		
29	Tk No. 4 PS		99.3		99.3	99.3	99.3	99.3		
30	Tk No. 4 SB		99.3		99.3	99.3	99.3	99.3		
31	Tk No. 5 PS		99.3		99.3	99.3	99.3	99.3		
32	Tk No. 5 SB		99.3		99.3	99.3	99.3	99.3		
33	Stab Tk 2		202.1	202.1	202.1					
34	Stab Tk 3		173.2	173.2	173.2					
35	Stab Tk 4		109.9	109.9	109.9					
36	Stab Tk 5		163.4	163.4	163.4					
37	Aft Peak Tk PS			46.5						
38	Aft Peak Tk SB			46.5						
39	FO Service Tk SB	41.4								
40	FO Service Tank PS	41.4								
41	FO Settling Tk SB	22.7								
42	Cement Tk 1									64.1
43	Cement Tk 2									64.1
44	Cement Tk 3									64.1
45	Cement Tk 4									64.1
46	Cement Tk 5									64.1
	<b>TOTAL VOLUME</b>	<b>931</b>	<b>1484</b>	<b>1182</b>	<b>1484</b>	<b>792</b>	<b>990</b>	<b>990</b>	<b>200</b>	<b>320</b>