



FLETCHER

## FS AQUARIUS

DP 2 VS 483 MK II 8046 BHP Platform Supply Vessel



OWNER	Fletcher Supply Vessels Ltd
BUILT	2011
FLAG	British
CLASSIFICATION	DnV, +1A1, SF, OIL REC, E0, Dynpos- AUTR, CLEAN, COMF-V(3) C (3), DK(+), HL(2.8), Tmon

### DIMENSIONS

LOA	87.4 m
Breadth (Moulded)	19 m
Depth (Moulded)	8 m
Draft	Max - 6.55m Min – 5.20 m
GRT	3665 t
NRT	1582 t
Deadweight	5333 mt

### MACHINERY

Main Engines	2 X 4023 BHP
Thrusters (Bow)	2 x 1113 BHP
Thrusters (Stern)	2 x 1113 BHP
Propellers	2 x CPP
Capstans	2 x 10 t
Deck Crane	1 x 5 t @ 15 m
Tugger Winch	2 x 12 t

### SPEED & CONSUMPTION

Idling / Standby	Abt. 1.5 m <sup>3</sup>
DP	Abt. 6 m <sup>3</sup>
@ 10 Knots / hr	Abt. 8 m <sup>3</sup>
@ 13.5 Knots / hr	Abt. 11.5 m <sup>3</sup>
@ 15 Knots / hr	Abt. 14 m <sup>3</sup>

### CARGO CAPACITY

Deck Area	1020 m <sup>2</sup> (63.8m x 16m)
Deck Load	3210 t
Deck Strength	5 t/m <sup>2</sup>
Fuel Oil	1288 m <sup>3</sup>
Potable Water	1226 m <sup>3</sup>
Drill Water / Ballast	1034 m <sup>3</sup>
Oil Based Mud	8784 bbls @ 100
Base Oil	1417 bbls @ 100%
Brine	11481 bbls @ 100%
Dry Bulk	15256 ft <sup>3</sup> @ 100%
Recovered Oil	1396 m <sup>3</sup>
Reefer Points	8 x 440v & 12 x 240v

### DISCHARGE RATES

Fuel	2 x 150 m <sup>3</sup> / hr
Potable Water	2 x 150 m <sup>3</sup> / hr
Oil Based Mud	2 x 75 m <sup>3</sup> / hr
Brine	2 x 75 m <sup>3</sup> / hr
Drill Water	2 x 150 m <sup>3</sup> / hr
Base Oil	1 x 150 m <sup>3</sup> / hr
Dry Bulk	2 x 30 m <sup>3</sup> / hr
Recovered Oil	1 x 75 m <sup>3</sup> / hr

### ACCOMMODATION

2 suites + 10 en-suite
2 x 2 man
2 x 4 man
1 x Gym
1 x Hospital

### MANOEUVRING EQUIPMENT

Reference Systems—2 x DGPS, 1 x Fanbeam, 1 x Radascan
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### COMMUNICATIONS EQUIPMENT GMDSS A3

1 x MF / HF Transmitter / Receiver - Furuno
2 x Inmarsat C - Furuno
3 x GMDSS VHF - Furuno
6 x UHF Radio – Motorola handheld
2 x Radar Transponders – Tron SART
2 x VHF – Motorola handheld
UK Mobile Phones, VSAT, E-mail, Broad-band, GSM

### NAVIGATION EQUIPMENT

2 x ARPA Radar - Furuno
1 x GPS Sat Nav - Furuno
2 x DGPS Sat Nav - Veripos
1 x Echo Sounder - Furuno
1 x Magnetic Compass – Cassens Plath
1 x Autopilot – Sperry Marine
1 x Speed Log – Furuno Doppler
3 x Gyros – Raytheon/ Anschutz
1 x Guidance Navigation Fan Beam

### TANK CAPACITIES

TANK	TANK ID	CONTENTS	VOLUME (M <sup>3</sup> )									
			FRESH WATER	FUEL OIL	BRINE	DRILL WATER	MUD	DRY BULK	BASE OIL	OIL RECOVERY	WATER BALLAST	
01C	Forepeak Tank C	DW / WB				128.7						128.7
101P	DB Tank PS	DW / WB				58.4						58.4
101S	DB Tank SB	DW / WB				59.5						59.5
601P	Wing Tank PS	DW / WB				81.6						81.6
601S	Wing Tank SB	DW / WB				81.6						81.6
701C	Skeg Tank C	DW / WB				20.8						20.8
801P	Stern Tank PS	DW / WB				105.0						105.0
801S	Stern Tank SB	DW / WB				105.0						105.0
811C	Roll Reduction Tk C	DW / WB				393.8						393.8
11P	Service Wing Tank PS	FW	121.7									
11S	Service Wing Tank SB	FW	121.7									
111P	PW Tank PS	FW	98.6									
111S	PW Tank SB	FW	98.6									
701P	Wing Tank PS	FW	227.2									
701S	Wing Tank SB	FW	228.8									
711C	Roll Reduction Tk C	FW	329.1									
201P	DB Tank PS	FO		60.0								
201S	DB Tank SB	FO		60.0								
301C	Overflow DB Tank C	FO		89.2								
401C	DB Tank C	FO		89.2								
301P	L-Tank PS	FO		153.9								
301S	L-Tank SB	FO		153.9								
401P	L-Tank PS	FO		111.0								
401S	L-Tank SB	FO		111.0								
501C	DB Tank C	FO		89.6								
501P	L-Tank PS	FO		151.5								
501S	L-Tank SB	FO		151.5								
601C	DB Tank C	FO		68.1								
321P	Brine Tank PS	Brine			224.8							
321S	Brine Tank SB	Brine			224.8							
421P	Multipurpose Tk PS	Brine/Mud/ ORO			224.9		224.9				224.9	
421S	Multipurpose Tk SB	Brine/Mud/ ORO			224.9		224.9				224.9	
431P	Base Oil Tank PS	BO							112.7			
431S	Base Oil Tank SB	BO							112.7			
521P	Mud / ORO Tank PS	Mud / ORO			224.9		224.9				224.9	
521S	Mud / ORO Tank SB	Mud / ORO			224.9		224.9				224.9	
621P	Mud / ORO Tank PS	Mud / ORO			248.5		248.5				248.5	
621S	Mud / ORO Tank SB	Mud / ORO			248.5		248.5				248.5	
223C	Dry Bulk Tank C	Dry Bulk							54.3			
323C	Dry Bulk Tank C	Dry Bulk							54.3			
423C	Dry Bulk Tank C	Dry Bulk							54.3			
523C	Dry Bulk Tank C	Dry Bulk							54.3			
623C	Dry Bulk Tank C	Dry Bulk							54.3			
723C	Dry Bulk Tank C	Dry Bulk							54.3			
823C	Dry Bulk Tank C	Dry Bulk							54.3			
923C	Dry Bulk Tank C	Dry Bulk							54.3			
	<b>TOTAL VOLUME</b>		<b>1225</b>	<b>1288</b>	<b>1846</b>	<b>1034</b>	<b>1396</b>	<b>434</b>	<b>225</b>	<b>1396</b>	<b>1034</b>	